

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040505.D
 Acq On : 28 Feb 2024 12:35
 Operator : JC/MD
 Sample : VX0228WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/29/2024
 Supervised By : Mahesh Dadoda 02/29/2024

Quant Time: Feb 29 03:47:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	74785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123243	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61485	49.156	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.320%			
35) Dibromofluoromethane	5.385	113	43108	50.300	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.600%			
50) Toluene-d8	8.647	98	151794	48.794	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.580%			
62) 4-Bromofluorobenzene	11.079	95	60556	51.066	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18421	19.793	ug/l	95
3) Chloromethane	1.295	50	16748	18.143	ug/l	99
4) Vinyl Chloride	1.374	62	18453	18.485	ug/l	100
5) Bromomethane	1.605	94	13205	23.804	ug/l	97
6) Chloroethane	1.685	64	11526	18.245	ug/l	99
7) Trichlorofluoromethane	1.886	101	32437	20.574	ug/l	98
8) Diethyl Ether	2.136	74	11092	20.127	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	17184	20.248	ug/l	98
10) Methyl Iodide	2.453	142	17136	21.611	ug/l	97
11) Tert butyl alcohol	2.959	59	26908	127.969	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	15646	18.363	ug/l	97
13) Acrolein	2.233	56	20444	151.652	ug/l	99
14) Allyl chloride	2.666	41	28362	19.027	ug/l	94
15) Acrylonitrile	3.062	53	56884	107.849	ug/l	98
16) Acetone	2.380	43	54476	133.548	ug/l	99
17) Carbon Disulfide	2.514	76	38857	16.468	ug/l	99
18) Methyl Acetate	2.703	43	28452	22.624	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	57856	19.907	ug/l	99
20) Methylene Chloride	2.788	84	18545	18.998	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	16498	18.156	ug/l	95
22) Diisopropyl ether	3.757	45	58299	19.462	ug/l	90
23) Vinyl Acetate	3.721	43	274623	100.081	ug/l	99
24) 1,1-Dichloroethane	3.611	63	32774	18.762	ug/l	99
25) 2-Butanone	4.556	43	85364	120.111	ug/l	98
26) 2,2-Dichloropropane	4.471	77	26106	18.770	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	19704	18.535	ug/l	99
28) Bromochloromethane	4.898	49	13625	18.646	ug/l	99
29) Tetrahydrofuran	5.001	42	55786	112.517	ug/l	99
30) Chloroform	5.093	83	36249	19.550	ug/l	98
31) Cyclohexane	5.464	56	26468	18.677	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	31197	19.713	ug/l	98
36) 1,1-Dichloropropene	5.690	75	25875	19.596	ug/l	98
37) Ethyl Acetate	4.715	43	31672	21.917	ug/l	99
38) Carbon Tetrachloride	5.672	117	25261	19.804	ug/l	97
39) Methylcyclohexane	7.379	83	28122	19.727	ug/l	98
40) Benzene	6.038	78	71150	19.903	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	17542	21.732	ug/l	97
42) 1,2-Dichloroethane	6.080	62	32306	21.834	ug/l	98
43) Isopropyl Acetate	6.336	43	47848	21.102	ug/l	99
44) Trichloroethene	7.129	130	18819	19.574	ug/l	90
45) 1,2-Dichloropropane	7.434	63	18493	19.329	ug/l	97
46) Dibromomethane	7.580	93	14071	20.004	ug/l	96
47) Bromodichloromethane	7.818	83	28350	20.470	ug/l	95
48) Methyl methacrylate	7.696	41	25176	22.214	ug/l	96
49) 1,4-Dioxane	7.659	88	11182	521.573	ug/l #	94
51) 4-Methyl-2-Pentanone	8.568	43	169195	112.859	ug/l	98
52) Toluene	8.720	92	44290	20.187	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	28109	19.999	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	30055	19.894	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	19344	21.246	ug/l	90
56) Ethyl methacrylate	9.116	69	28897	20.527	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	33087	20.864	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	78049	105.741	ug/l	95
59) 2-Hexanone	9.427	43	134823	116.971	ug/l	97
60) Dibromochloromethane	9.519	129	19889	20.111	ug/l	97
61) 1,2-Dibromoethane	9.610	107	21037	21.174	ug/l	100
64) Tetrachloroethene	9.275	164	16666	20.510	ug/l	95
65) Chlorobenzene	10.080	112	48368	19.647	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	17341	19.987	ug/l	100
67) Ethyl Benzene	10.195	91	88848	19.716	ug/l	98
68) m/p-Xylenes	10.299	106	66117	39.289	ug/l	96
69) o-Xylene	10.640	106	32877	20.427	ug/l	96
70) Styrene	10.653	104	53158	19.812	ug/l	98
71) Bromoform	10.799	173	14230	20.037	ug/l #	100
73) Isopropylbenzene	10.964	105	87558	19.704	ug/l	98
74) N-amyl acetate	10.842	43	40423	19.587	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	33409	20.789	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	28259m	21.280	ug/l	
77) Bromobenzene	11.195	156	20050	19.082	ug/l	98
78) n-propylbenzene	11.305	91	108259	19.641	ug/l	98
79) 2-Chlorotoluene	11.366	91	64014	19.293	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	75070	19.864	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	8136	20.341	ug/l	99
82) 4-Chlorotoluene	11.457	91	76068	19.825	ug/l	100
83) tert-Butylbenzene	11.713	119	71211	19.987	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	74191	19.787	ug/l	99
85) sec-Butylbenzene	11.890	105	93090	19.888	ug/l	99
86) p-Isopropyltoluene	12.006	119	75364	19.534	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	40278	19.232	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	40677	19.079	ug/l	99
89) n-Butylbenzene	12.335	91	74520	19.632	ug/l	94
90) Hexachloroethane	12.536	117	12029	18.733	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	39364	19.723	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8279	22.098	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	26506	20.350	ug/l	94
94) Hexachlorobutadiene	13.725	225	10291	19.332	ug/l	96
95) Naphthalene	13.774	128	85117	20.449	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	25498	20.594	ug/l	99

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Instrument :
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QLast Update : Tue Feb 27 05:01:33 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

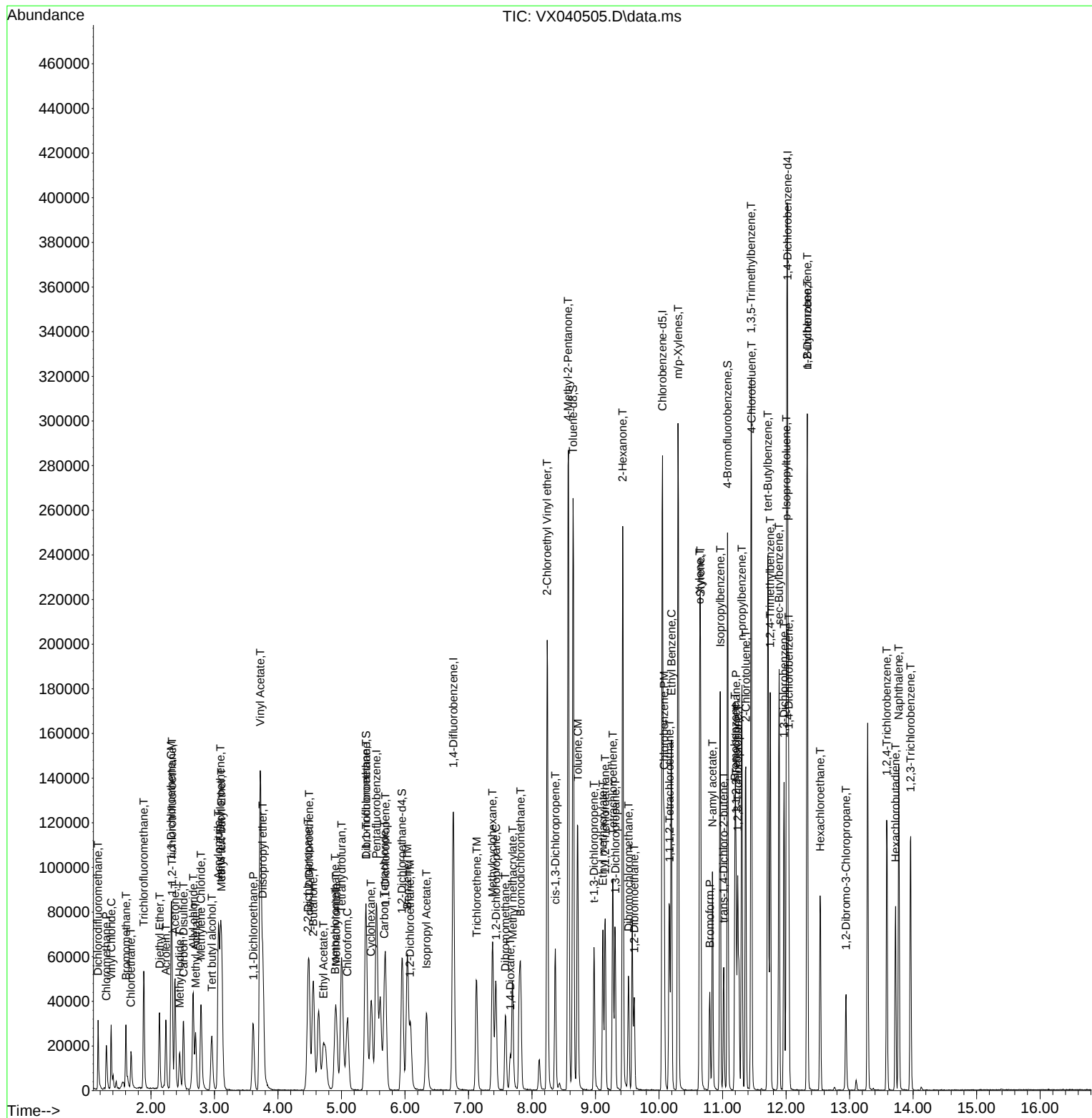
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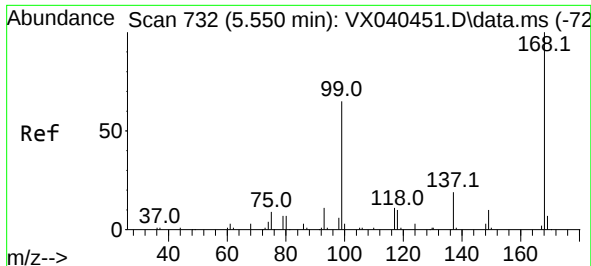
Instrument :
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Manual Integrations
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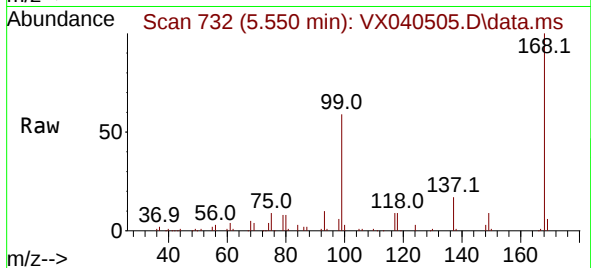
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

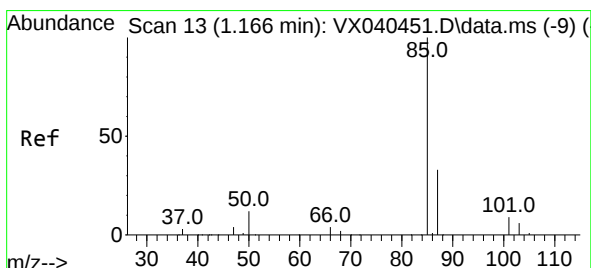
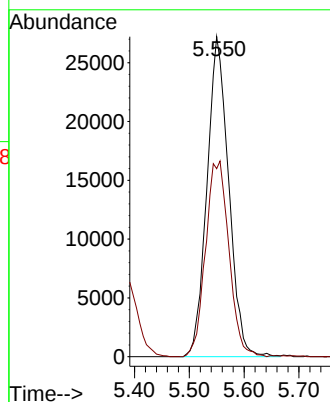
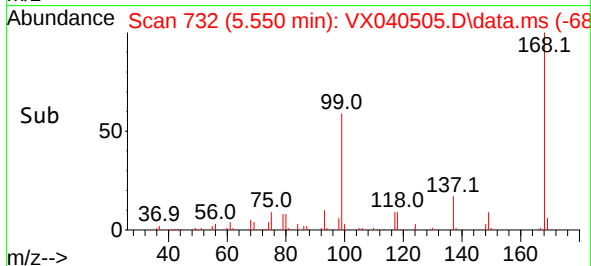
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion:168 Resp: 7478
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0

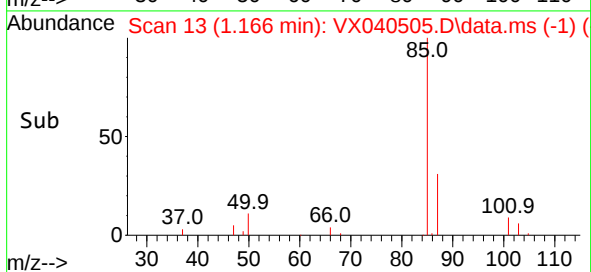
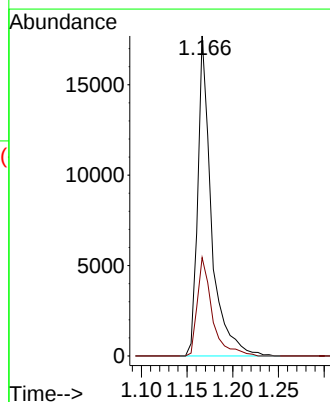
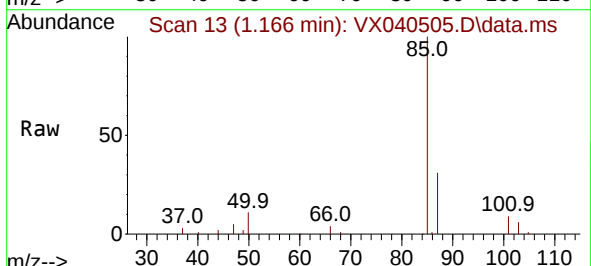
Manual Integrations
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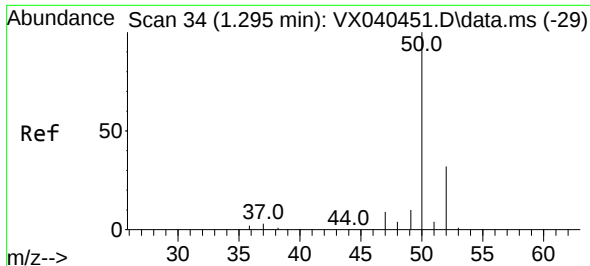
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#2
Dichlorodifluoromethane
Concen: 19.793 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

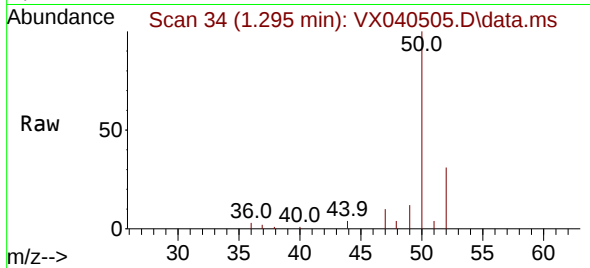
Tgt Ion: 85 Resp: 18421
Ion Ratio Lower Upper
85 100
87 30.8 16.7 50.1





#3
Chloromethane
Concen: 18.143 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

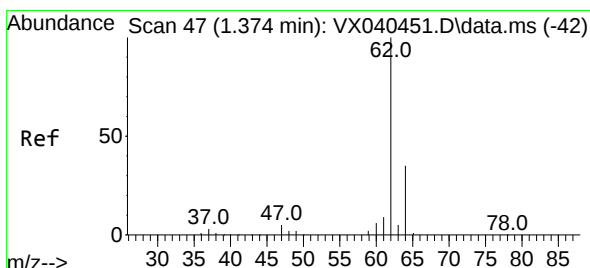
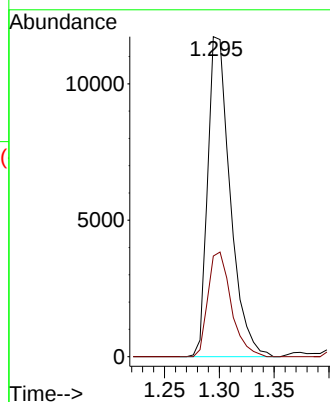
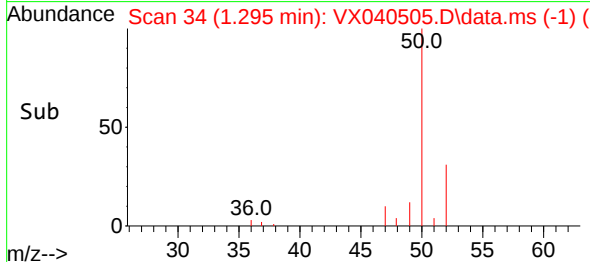
Instrument :
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ClientSampleId :
VX0228WBSD01



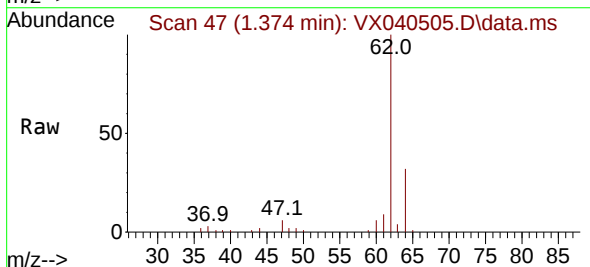
Tgt Ion: 50 Resp: 16748
Ion Ratio Lower Upper
50 100
52 31.5 25.5 38.3

Manual Integrations
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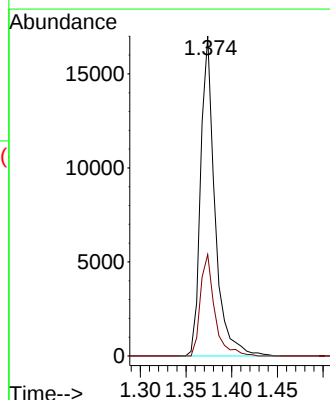
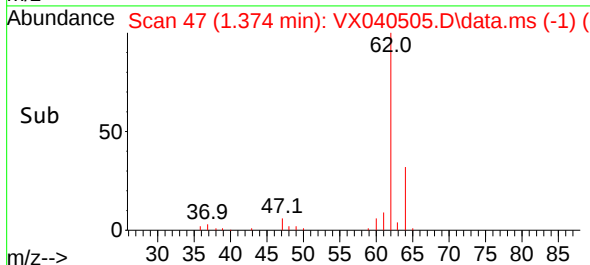
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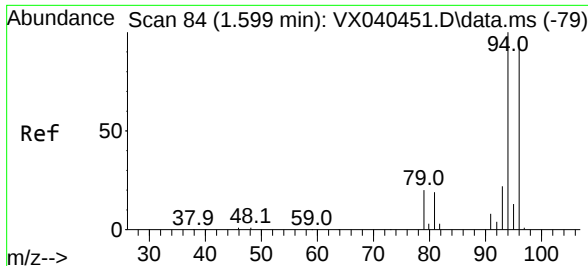


#4
Vinyl Chloride
Concen: 18.485 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35



Tgt Ion: 62 Resp: 18453
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





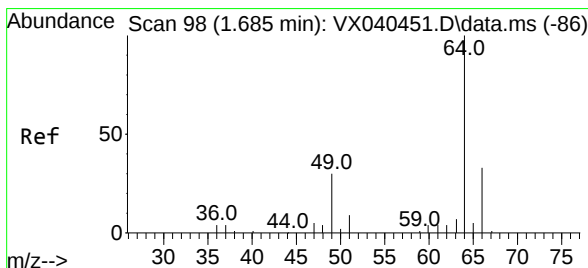
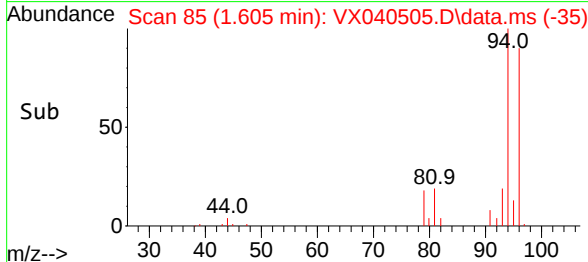
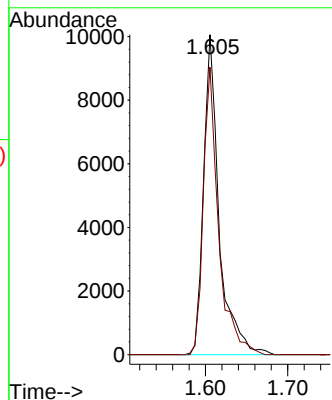
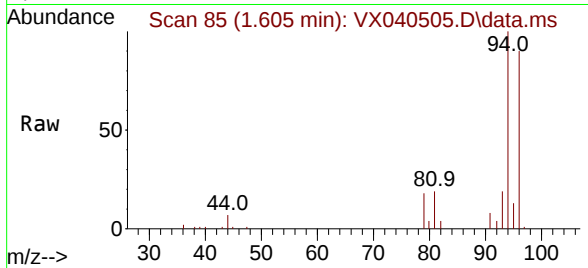
#5
Bromomethane
Concen: 23.804 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Instrument :
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Tgt Ion: 94 Resp: 13205
Ion Ratio Lower Upper
94 100
96 89.9 74.6 111.8

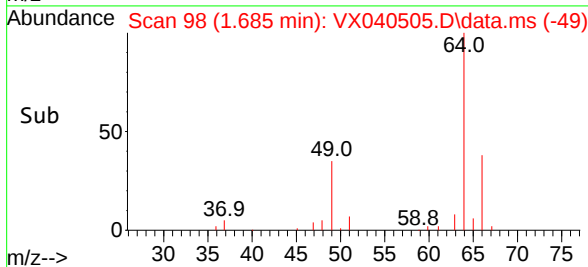
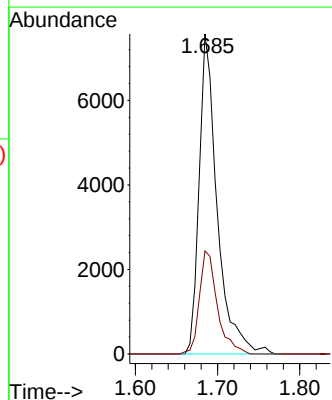
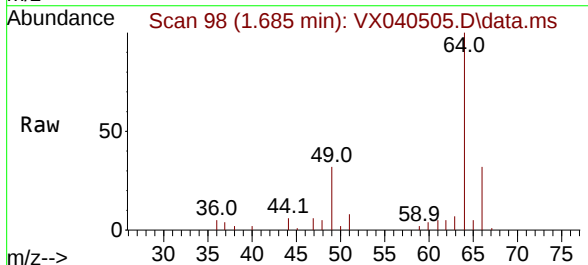
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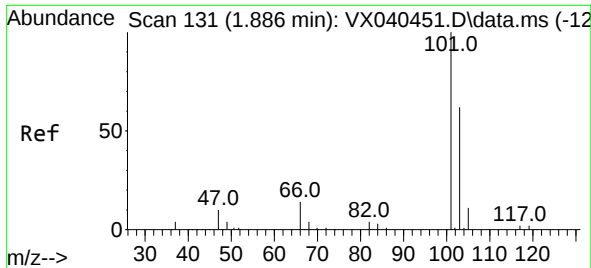
Reviewed By :John Carlone 02/29/2024
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#6
Chloroethane
Concen: 18.245 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Tgt Ion: 64 Resp: 11526
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7





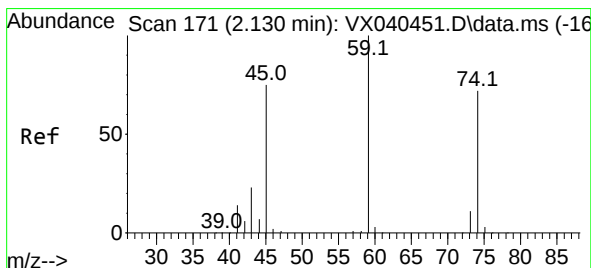
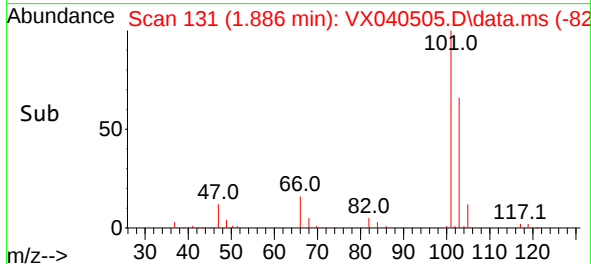
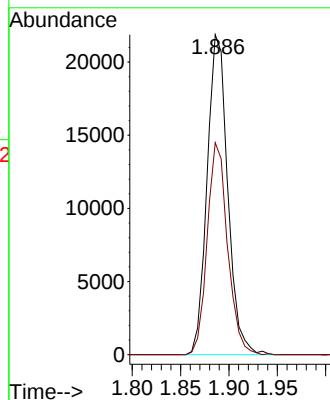
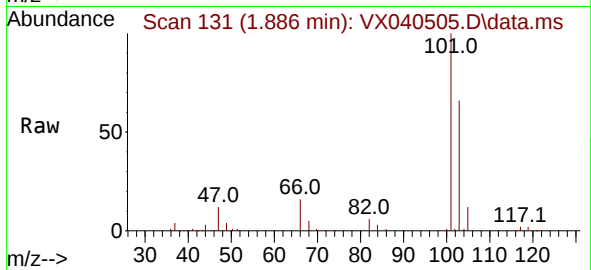
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Trichlorofluoromethane
Concen: 20.574 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 3243
Ion Ratio Lower Upper
101 100
103 66.2 51.4 77.2

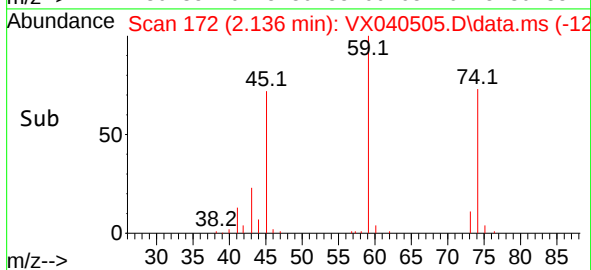
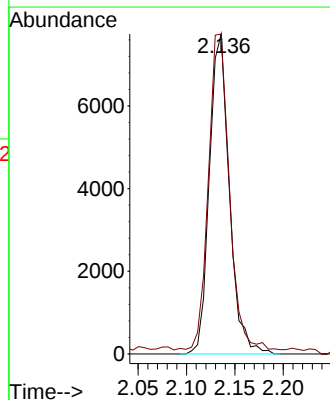
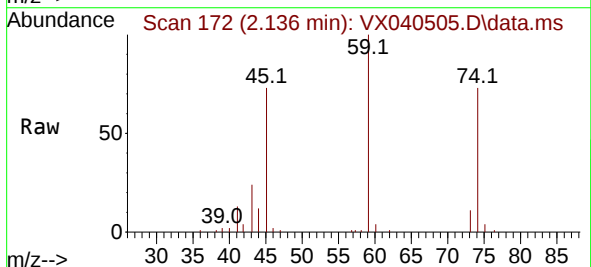
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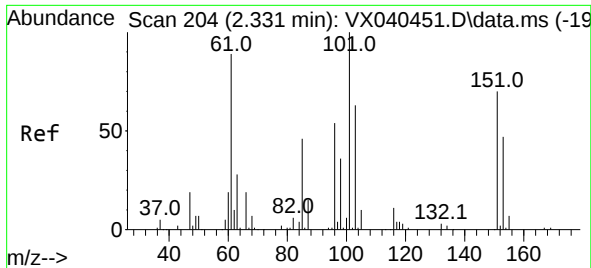
Reviewed By :John Carlone 02/29/2024
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#8
Diethyl Ether
Concen: 20.127 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Tgt Ion: 74 Resp: 11092
Ion Ratio Lower Upper
74 100
45 103.5 53.3 159.8





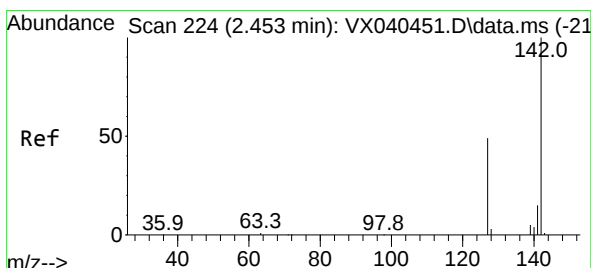
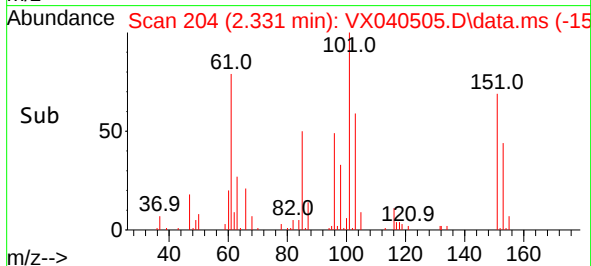
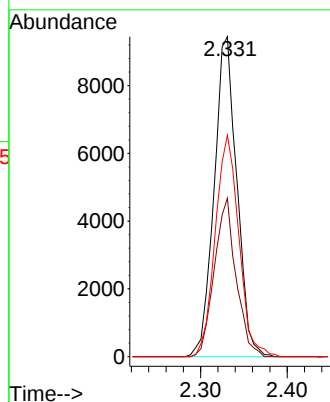
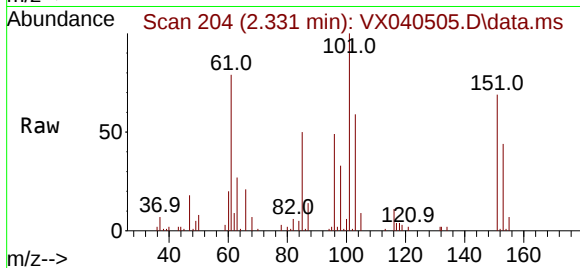
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.248 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tgt Ion:101 Resp: 17184
Ion Ratio Lower Upper
101 100
85 47.5 37.0 55.6
151 72.0 58.6 87.8

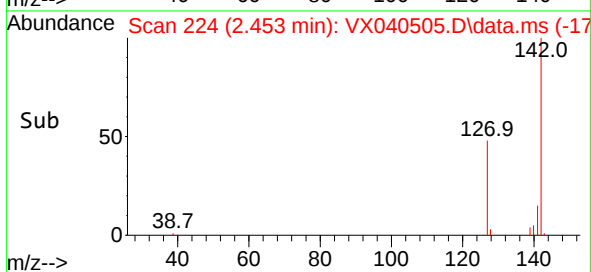
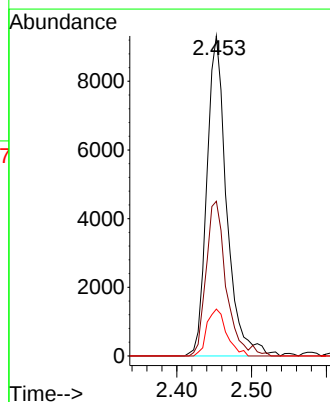
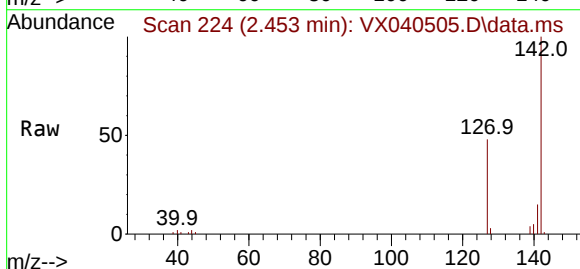
Manual Integrations
APPROVED

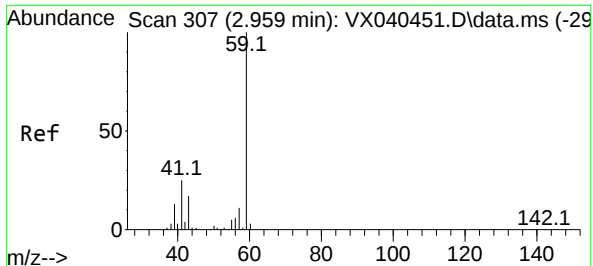
Reviewed By :John Carbone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#10
Methyl Iodide
Concen: 21.611 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

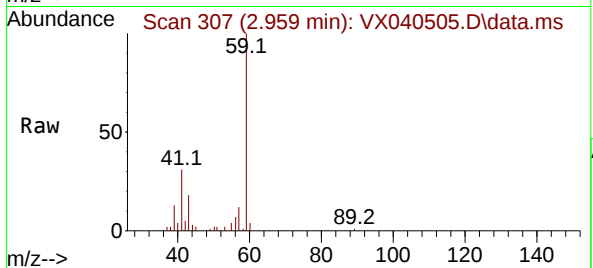
Tgt Ion:142 Resp: 17136
Ion Ratio Lower Upper
142 100
127 49.3 41.6 62.4
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 127.969 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

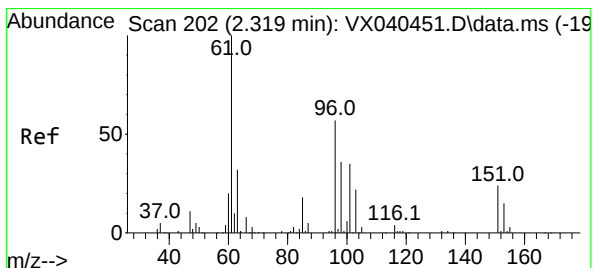
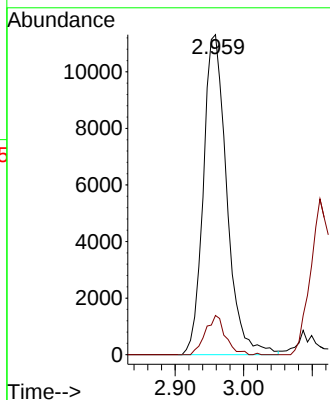
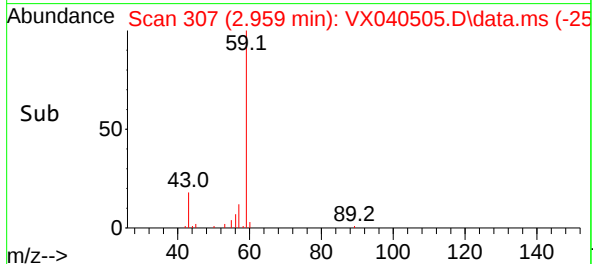
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



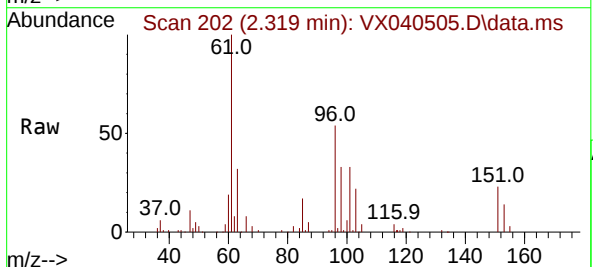
Tgt Ion: 59 Resp: 26908
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

Manual Integrations
APPROVED

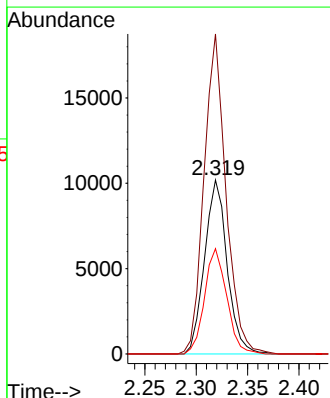
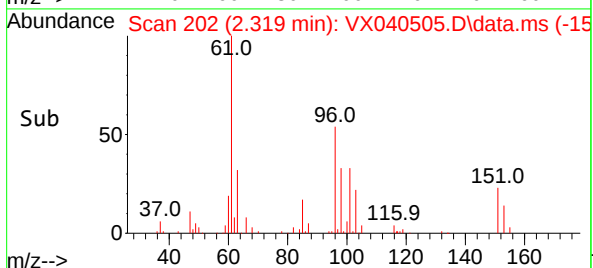
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

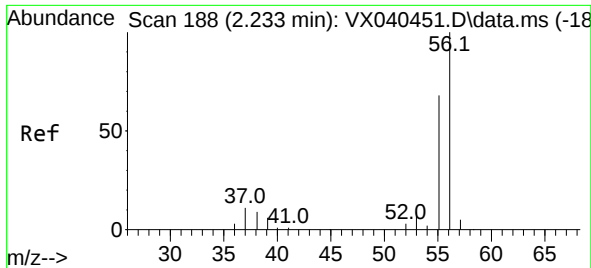


#12
1,1-Dichloroethene
Concen: 18.363 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35



Tgt Ion: 96 Resp: 15646
Ion Ratio Lower Upper
96 100
61 184.1 144.6 216.8
98 60.5 50.4 75.6





#13

Acrolein

Concen: 151.652 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

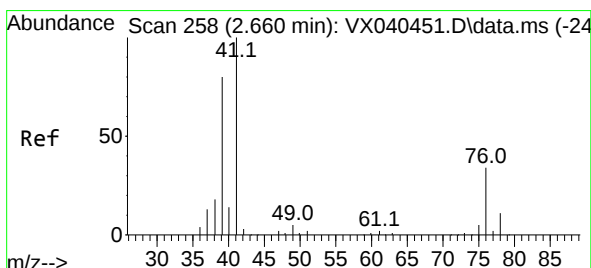
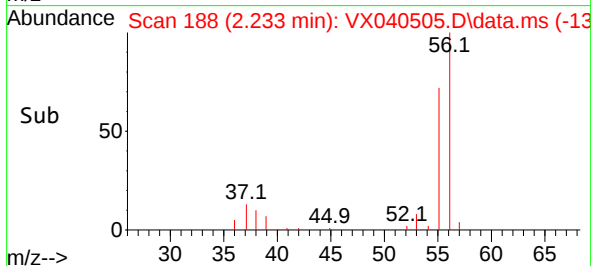
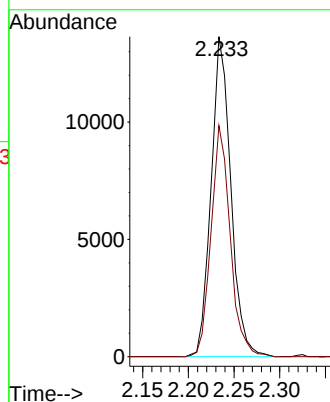
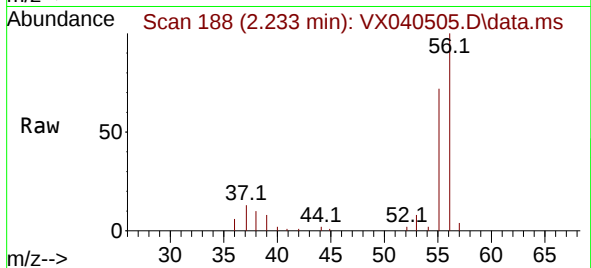
Tgt Ion: 56 Resp: 2044
 Ion Ratio Lower Upper
 56 100
 55 70.3 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#14

Allyl chloride

Concen: 19.027 ug/l

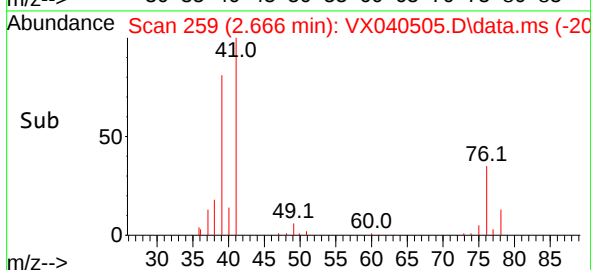
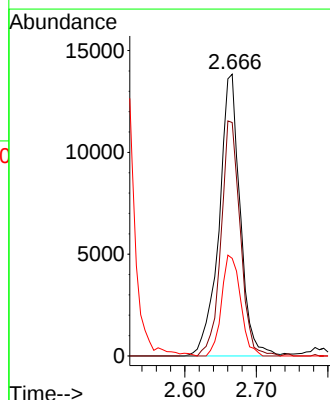
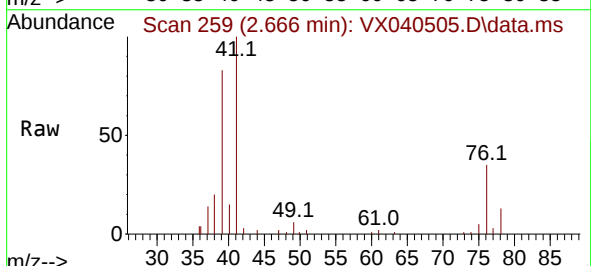
RT: 2.666 min Scan# 259

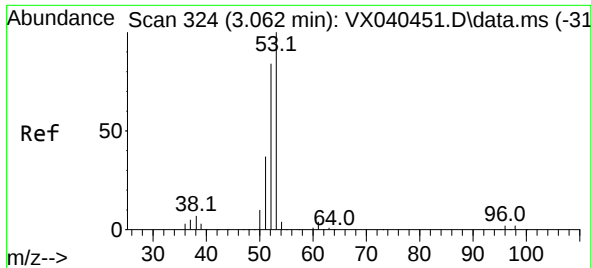
Delta R.T. 0.006 min

Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

Tgt Ion: 41 Resp: 28362
 Ion Ratio Lower Upper
 41 100
 39 75.8 55.8 83.6
 76 32.2 24.3 36.5





#15

Acrylonitrile

Concen: 107.849 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tgt Ion: 53 Resp: 56884

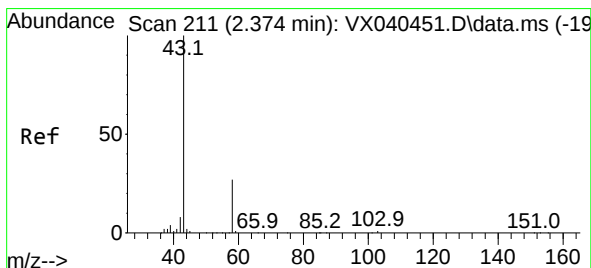
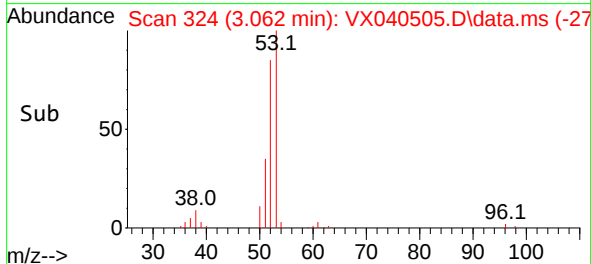
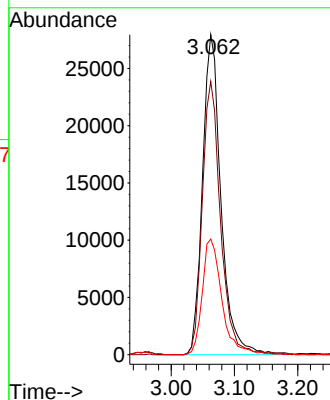
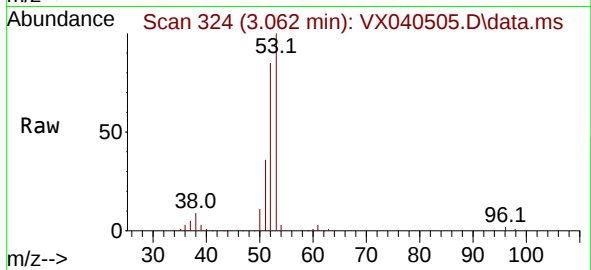
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.0	99.0
51	38.4	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#16

Acetone

Concen: 133.548 ug/l

RT: 2.380 min Scan# 212

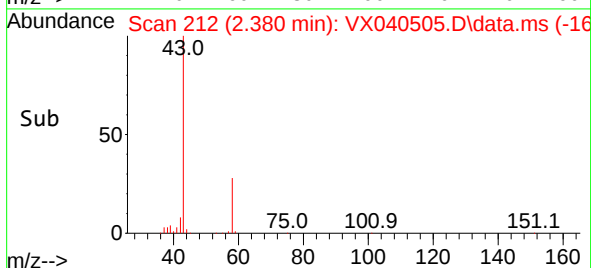
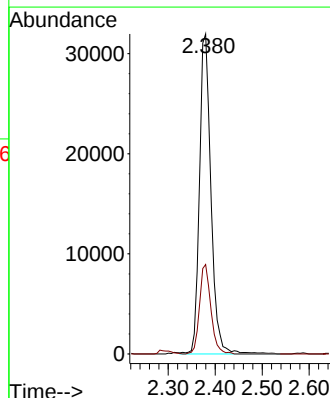
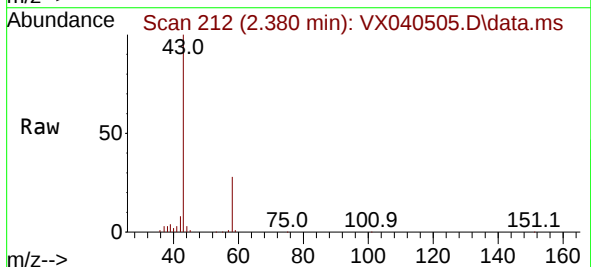
Delta R.T. 0.006 min

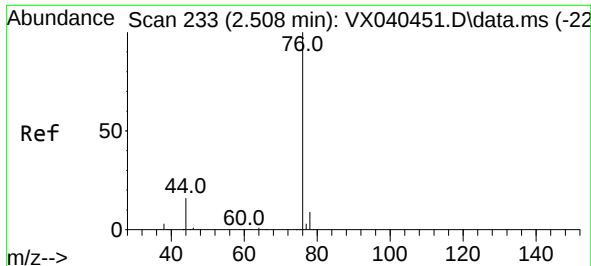
Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

Tgt Ion: 43 Resp: 54476

Ion	Ratio	Lower	Upper
43	100		
58	27.9	21.9	32.9





#17

Carbon Disulfide

Concen: 16.468 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tgt Ion: 76 Resp: 3885

Ion Ratio Lower Upper

76 100

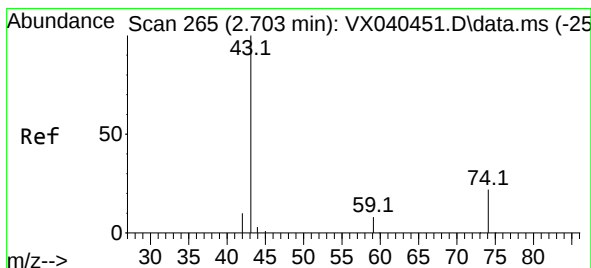
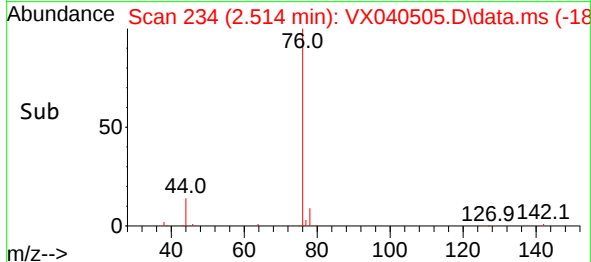
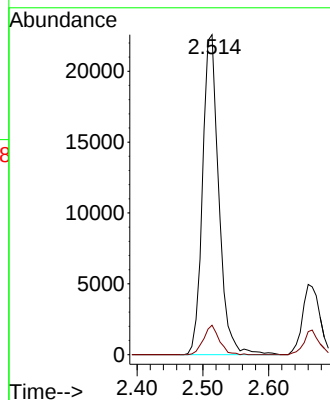
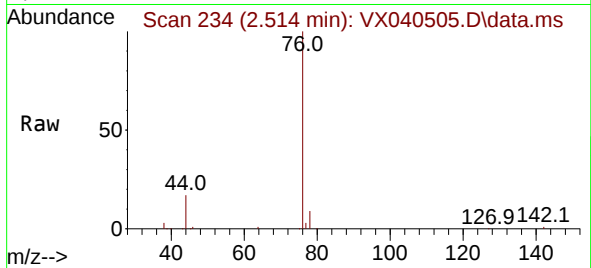
78 9.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#18

Methyl Acetate

Concen: 22.624 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX040505.D

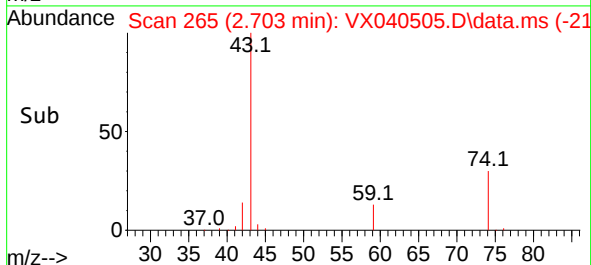
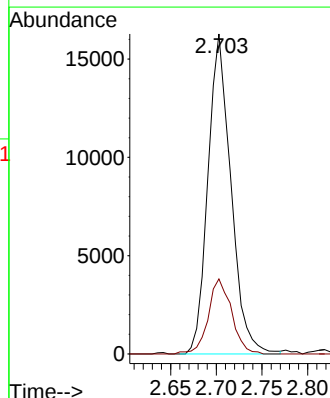
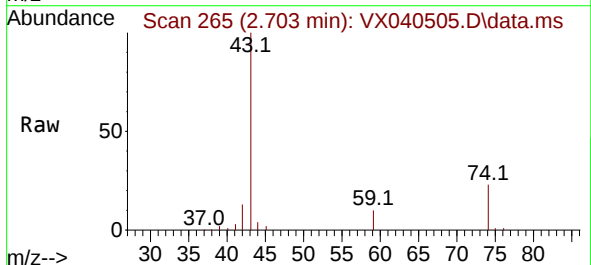
Acq: 28 Feb 2024 12:35

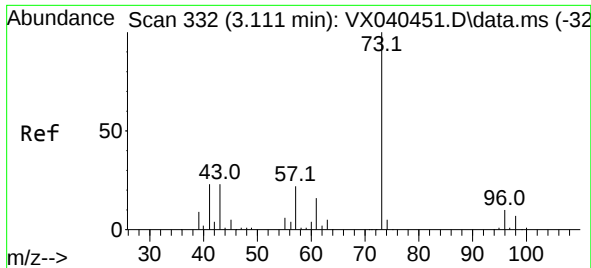
Tgt Ion: 43 Resp: 28452

Ion Ratio Lower Upper

43 100

74 23.8 17.8 26.8





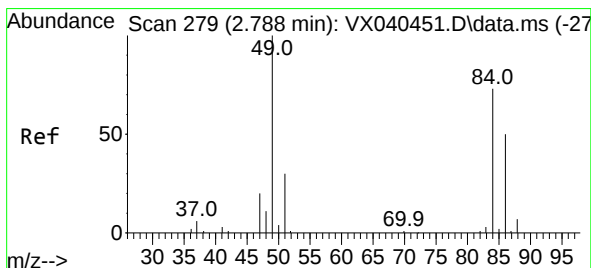
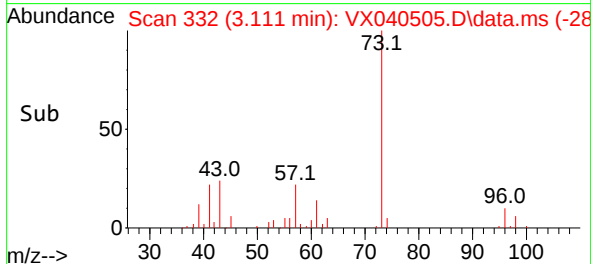
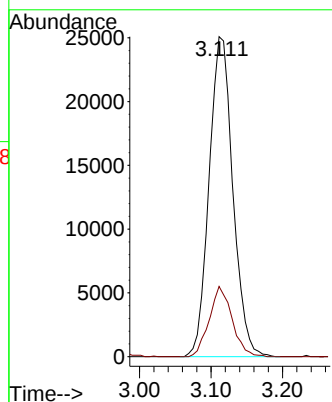
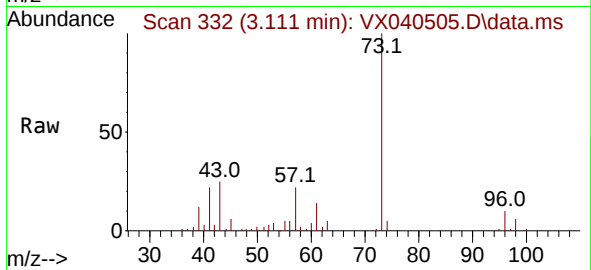
#19
Methyl tert-butyl Ether
Concen: 19.907 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tgt Ion: 73 Resp: 5785
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

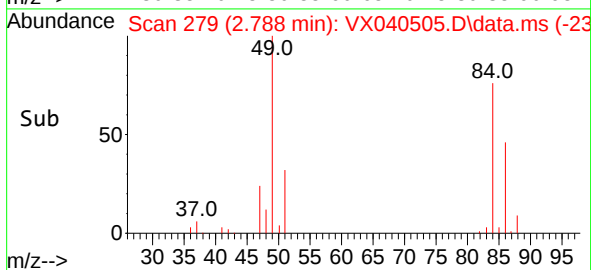
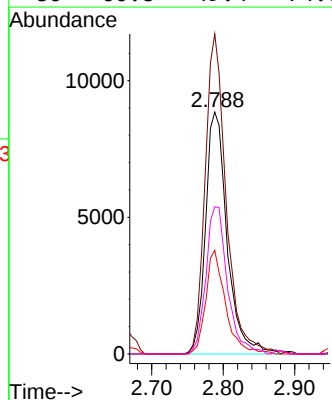
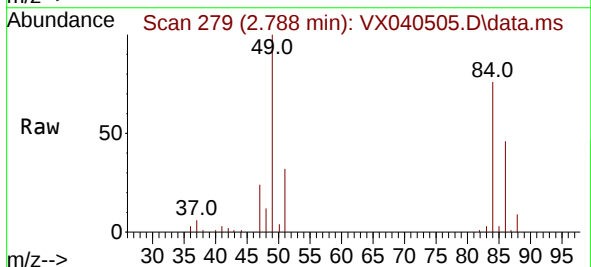
Manual Integrations
APPROVED

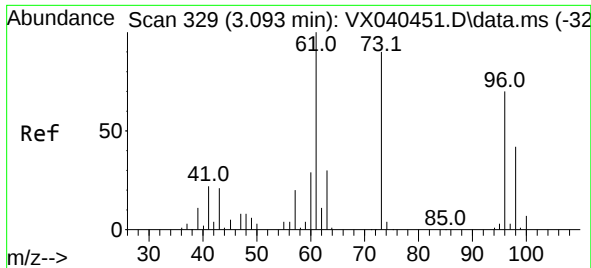
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#20
Methylene Chloride
Concen: 18.998 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Tgt Ion: 84 Resp: 18545
Ion Ratio Lower Upper
84 100
49 132.2 103.6 155.4
51 42.8 33.8 50.6
86 60.8 49.4 74.0





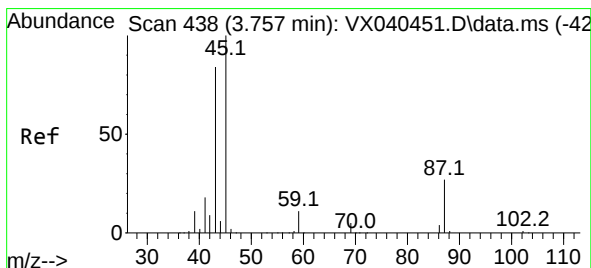
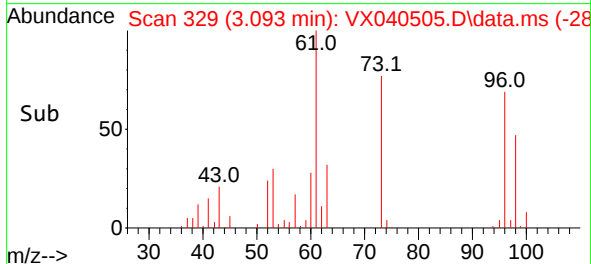
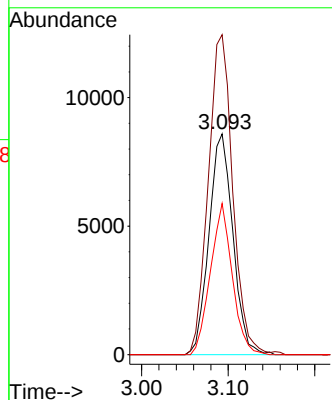
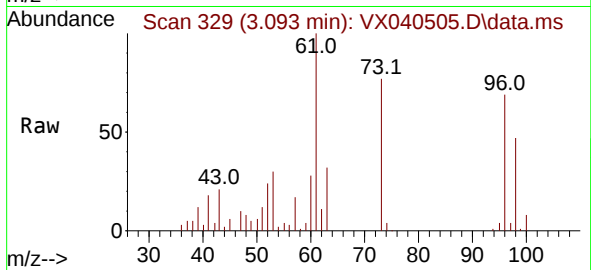
#21
trans-1,2-Dichloroethene
Concen: 18.156 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tgt Ion: 96 Resp: 16498
Ion Ratio Lower Upper
96 100
61 144.9 119.2 178.8
98 68.5 48.7 73.1

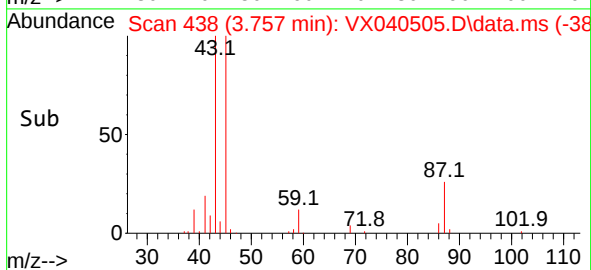
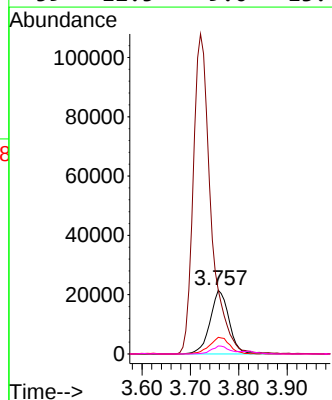
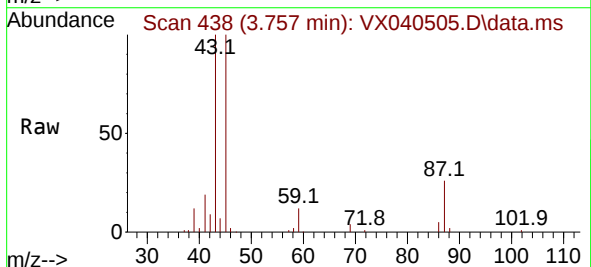
Manual Integrations
APPROVED

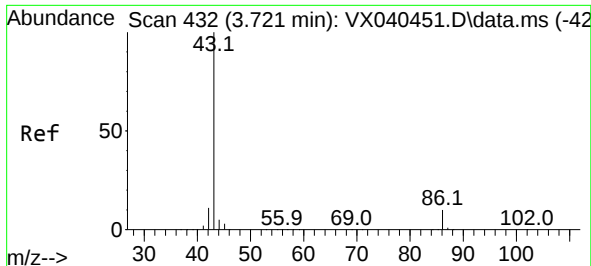
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#22
Diisopropyl ether
Concen: 19.462 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Tgt Ion: 45 Resp: 58299
Ion Ratio Lower Upper
45 100
43 99.5 69.7 104.5
87 26.2 20.8 31.2
59 12.5 9.0 13.4





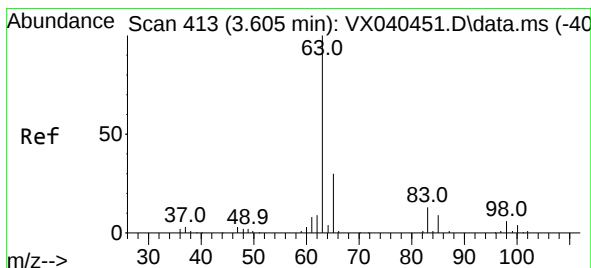
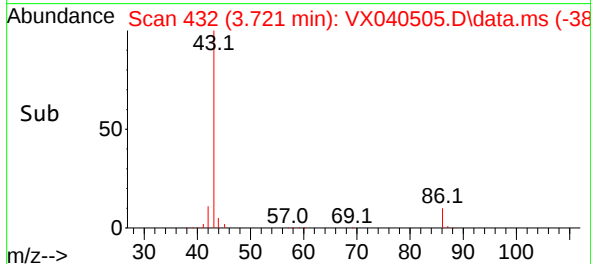
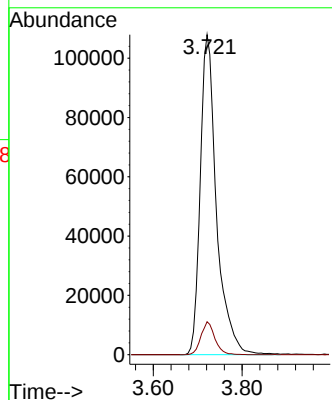
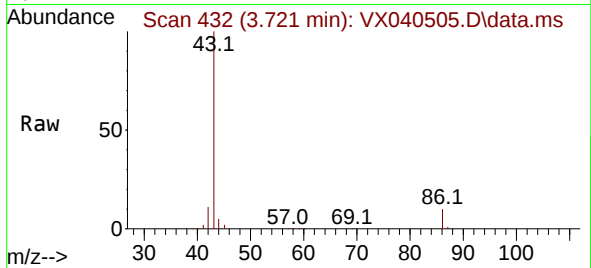
#23
 Vinyl Acetate
 Concen: 100.081 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040505.D
 Acq: 28 Feb 2024 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Tgt Ion: 43 Resp: 27462
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8

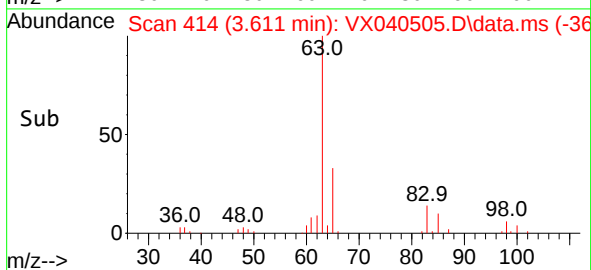
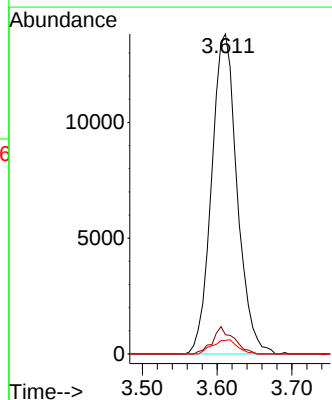
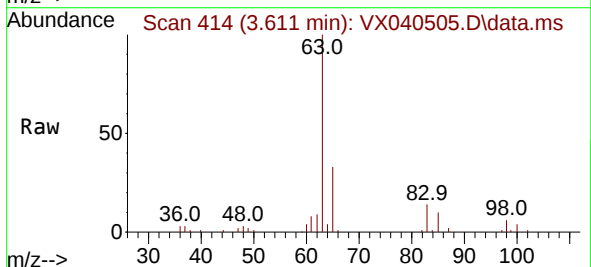
Manual Integrations
 APPROVED

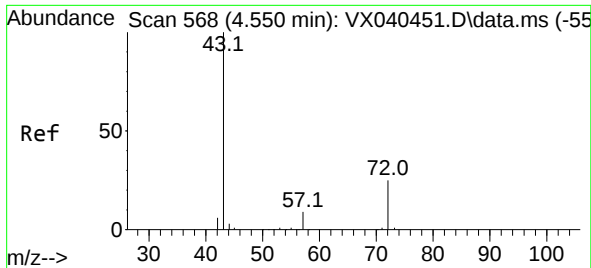
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024



#24
 1,1-Dichloroethane
 Concen: 18.762 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040505.D
 Acq: 28 Feb 2024 12:35

Tgt Ion: 63 Resp: 32774
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.8
 100 4.3 2.1 6.5





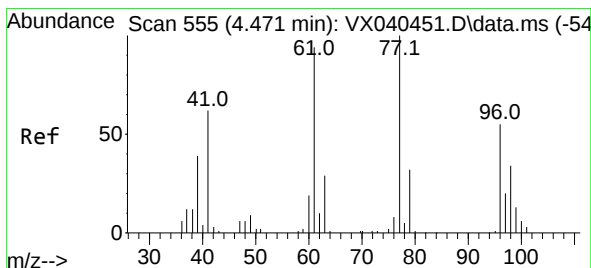
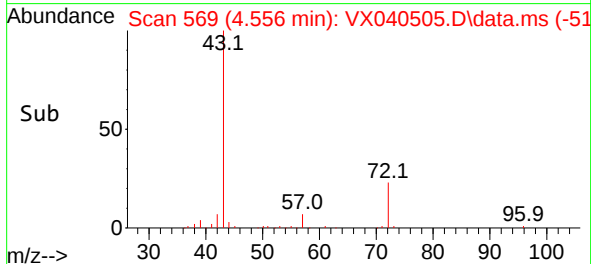
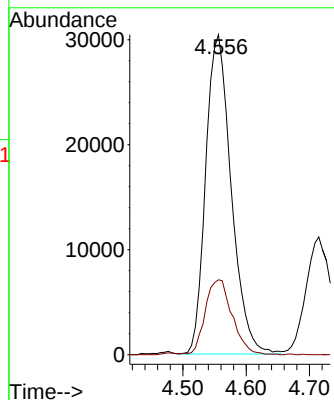
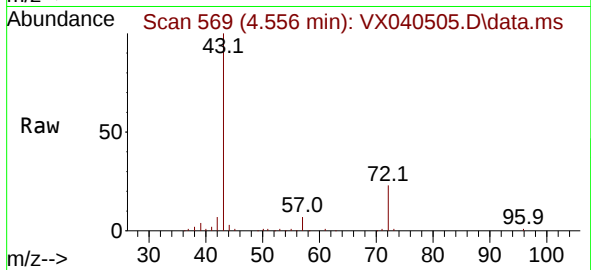
#25
2-Butanone
Concen: 120.111 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tgt Ion: 43 Resp: 85364
Ion Ratio Lower Upper
43 100
72 23.5 19.4 29.2

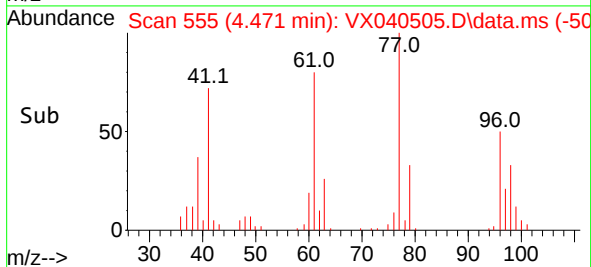
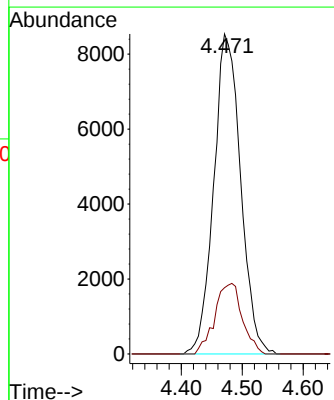
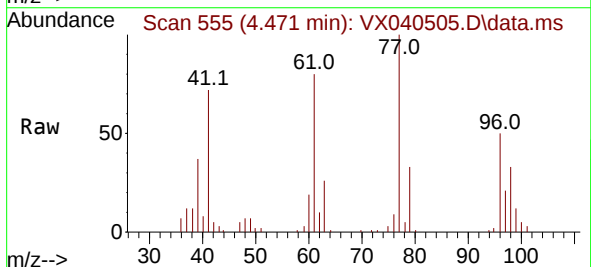
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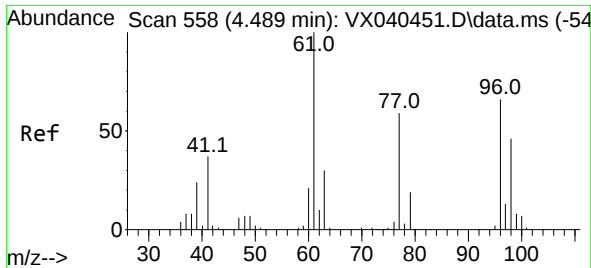
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#26
2,2-Dichloropropane
Concen: 18.770 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Tgt Ion: 77 Resp: 26106
Ion Ratio Lower Upper
77 100
97 22.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.535 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tgt Ion: 96 Resp: 19704

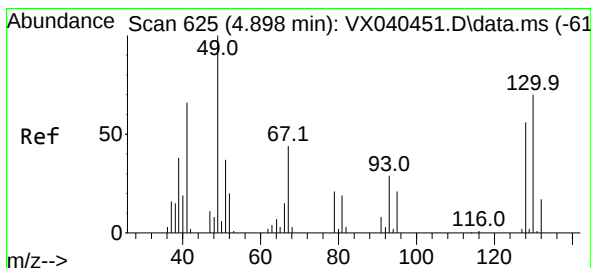
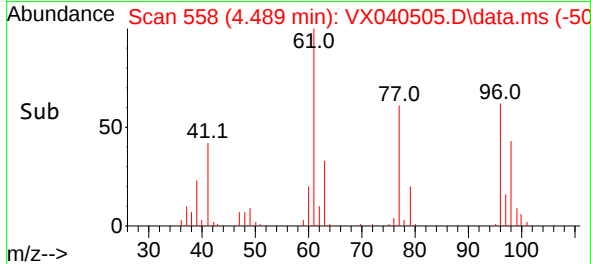
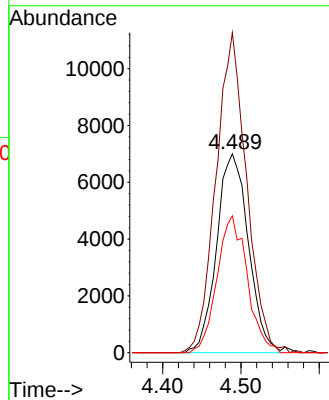
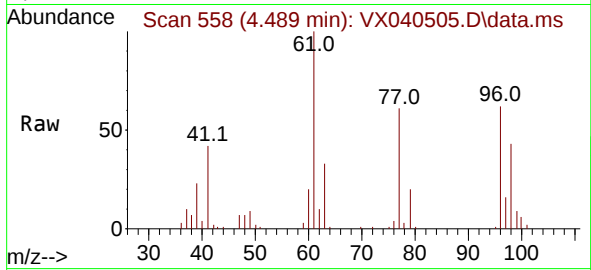
Ion	Ratio	Lower	Upper
96	100		
61	155.5	0.0	312.2
98	65.4	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#28

Bromochloromethane

Concen: 18.646 ug/l

RT: 4.898 min Scan# 625

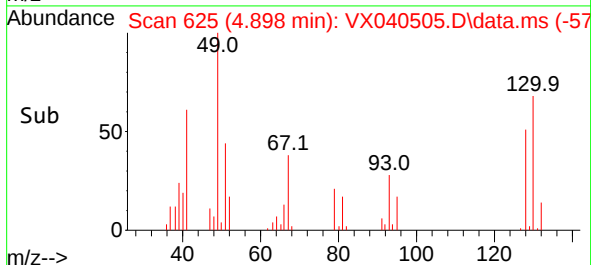
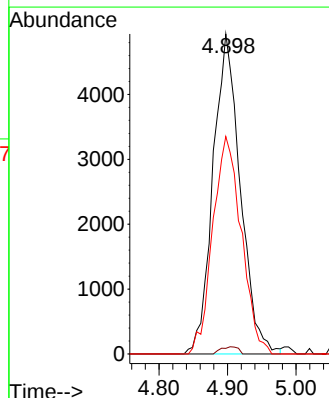
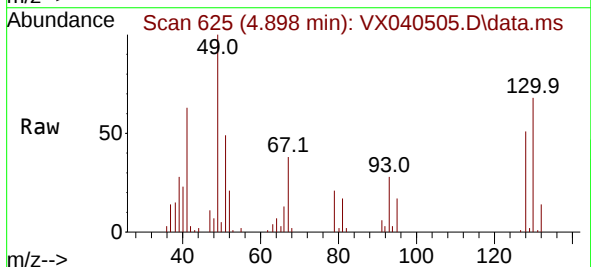
Delta R.T. 0.000 min

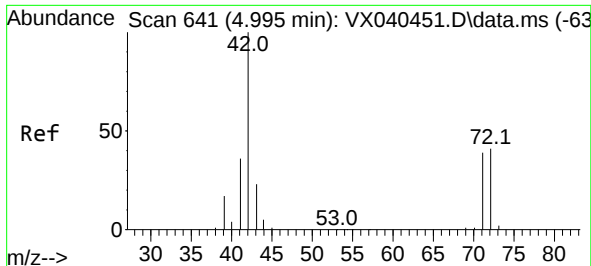
Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

Tgt Ion: 49 Resp: 13625

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.8
130	71.3	57.5	86.3





#29

Tetrahydrofuran

Concen: 112.517 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

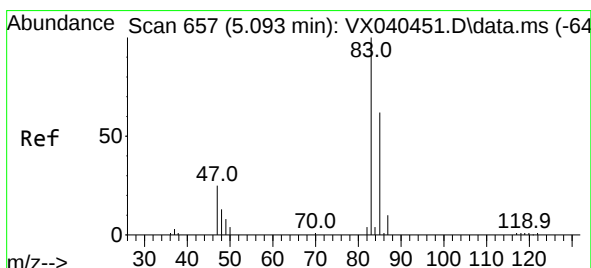
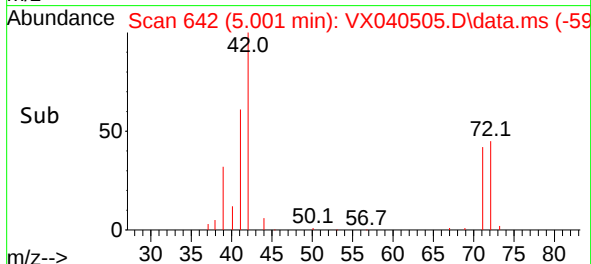
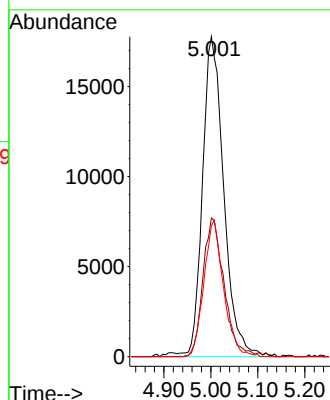
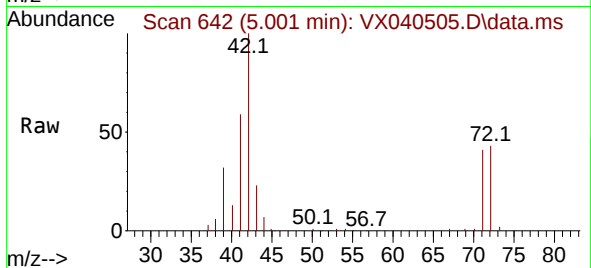
Tgt Ion: 42 Resp: 55780
 Ion Ratio Lower Upper
 42 100
 72 43.4 34.2 51.4
 71 39.7 32.2 48.2

Manual Integrations

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Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#30

Chloroform

Concen: 19.550 ug/l

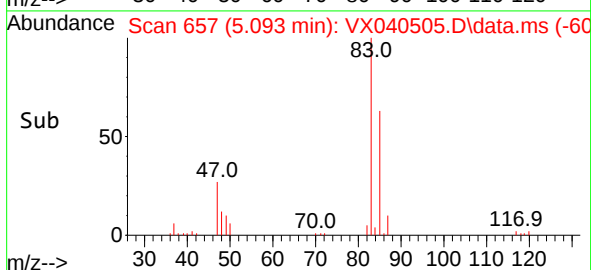
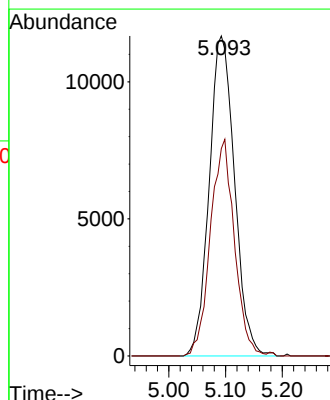
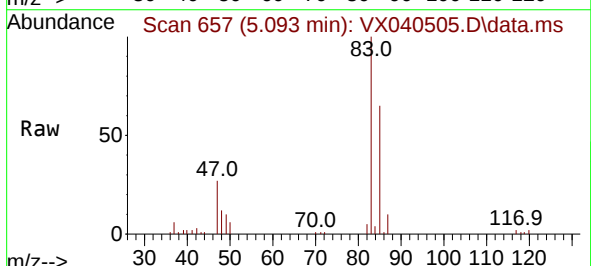
RT: 5.093 min Scan# 657

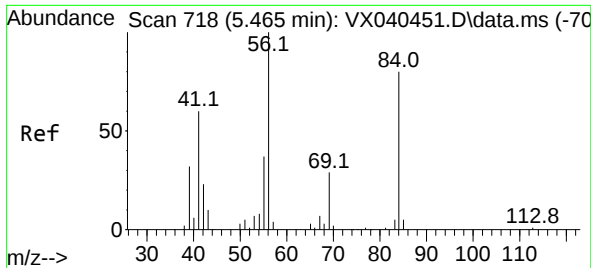
Delta R.T. -0.000 min

Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

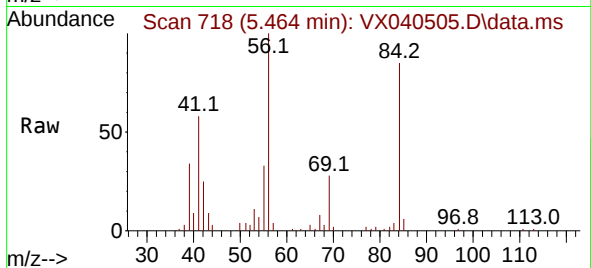
Tgt Ion: 83 Resp: 36249
 Ion Ratio Lower Upper
 83 100
 85 64.8 50.3 75.5





#31
Cyclohexane
Concen: 18.677 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

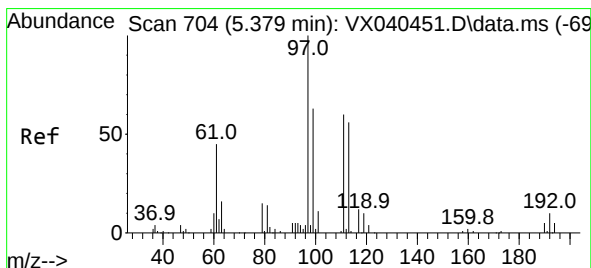
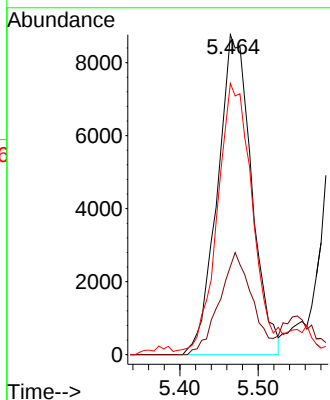
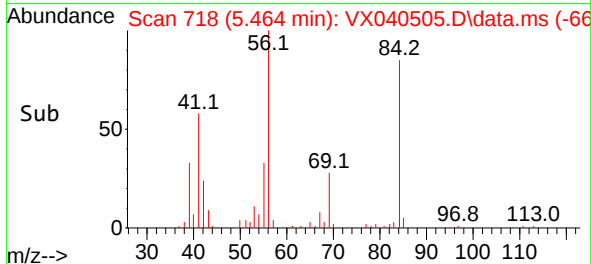
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion: 56 Resp: 2646
Ion Ratio Lower Upper
56 100
69 27.6 23.4 35.2
84 83.4 65.9 98.9

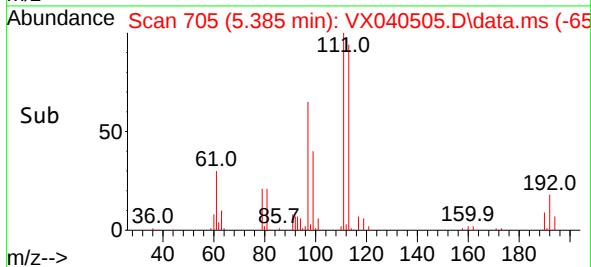
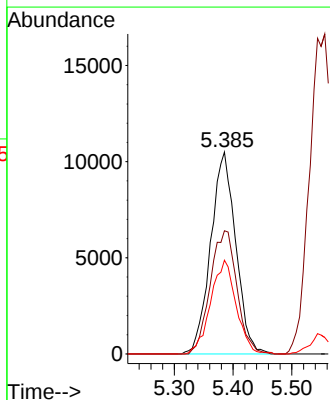
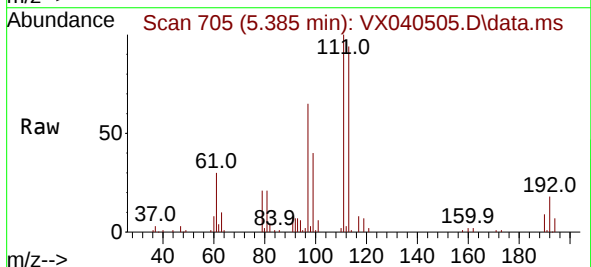
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APPROVED

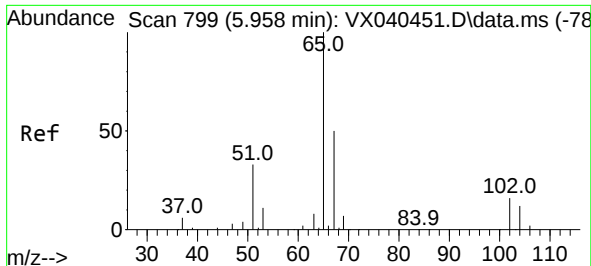
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#32
1,1,1-Trichloroethane
Concen: 19.713 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Tgt Ion: 97 Resp: 31197
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 47.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.156 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tgt Ion: 65 Resp: 6148

Ion Ratio Lower Upper

65 100

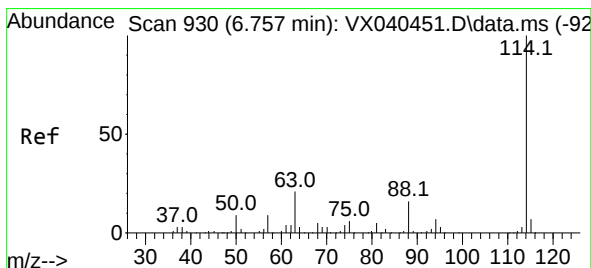
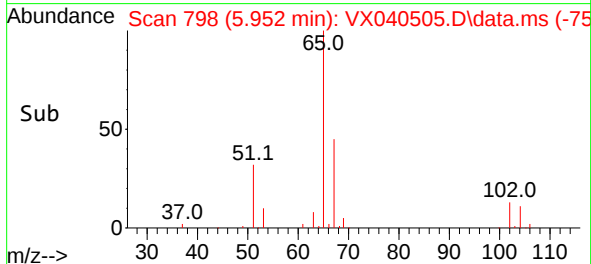
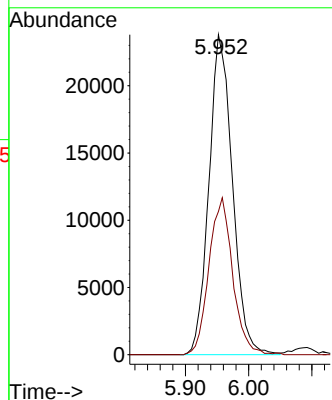
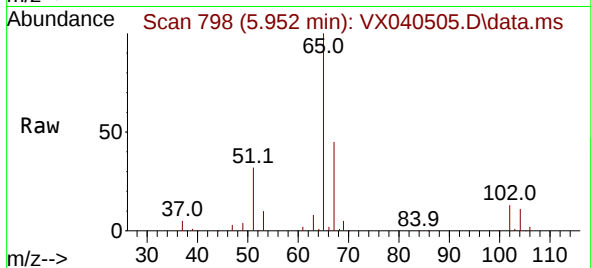
67 49.4 0.0 100.2

Manual Integrations

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Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

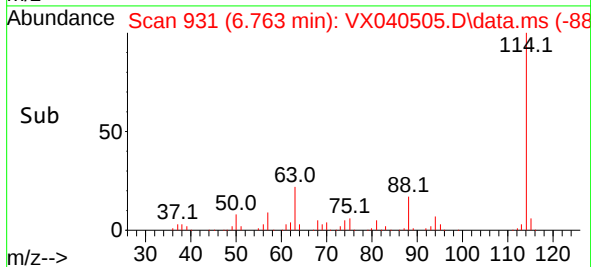
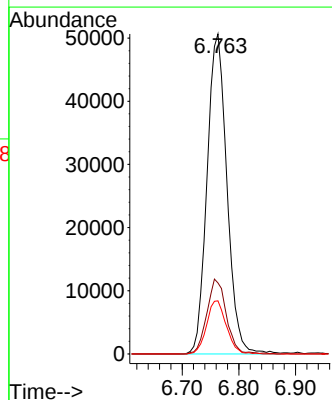
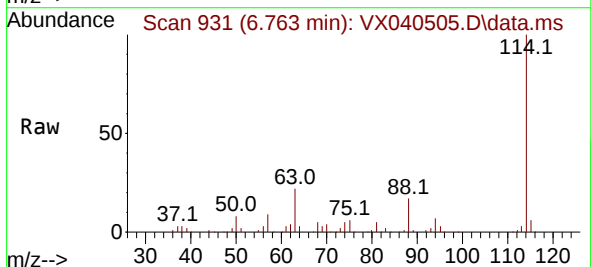
Tgt Ion:114 Resp: 123243

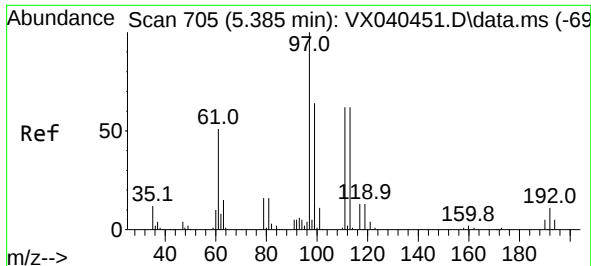
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

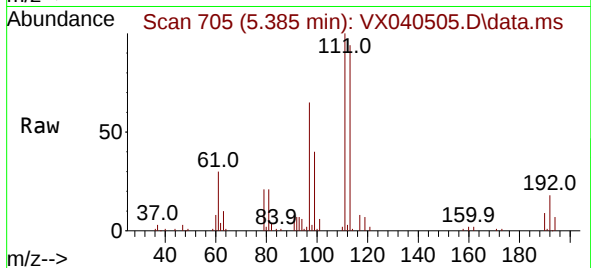
88 16.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.300 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

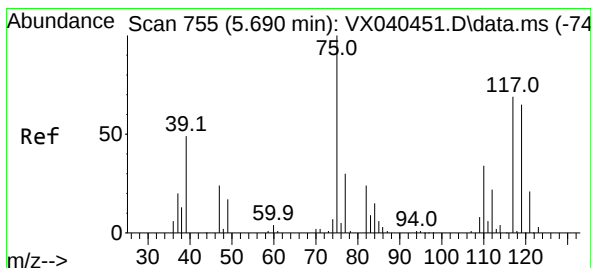
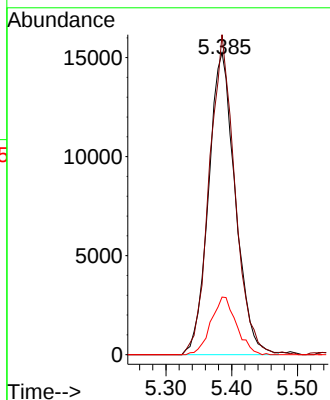
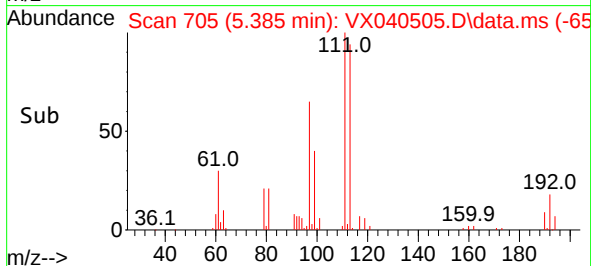
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion:113 Resp: 43108
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 18.2 13.3 19.9

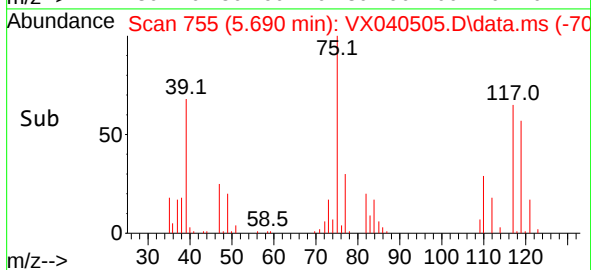
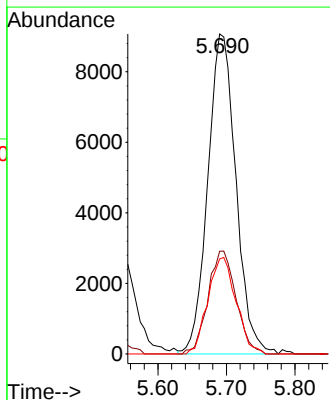
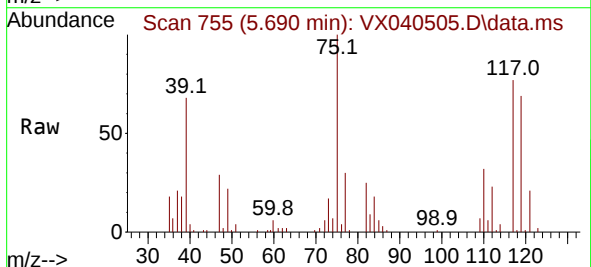
Manual Integrations
APPROVED

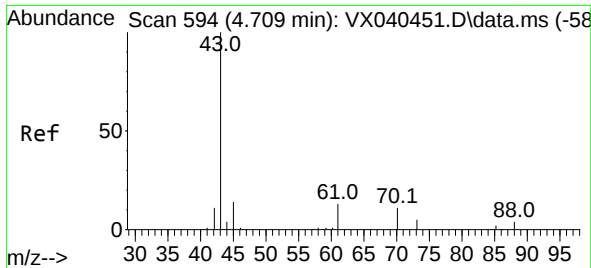
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#36
1,1-Dichloropropene
Concen: 19.596 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

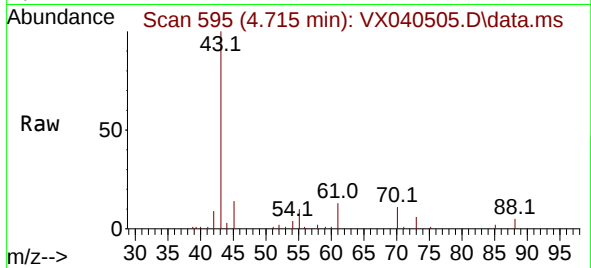
Tgt Ion: 75 Resp: 25875
Ion Ratio Lower Upper
75 100
110 32.0 17.0 50.9
77 30.2 24.7 37.1





#37
Ethyl Acetate
Concen: 21.917 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

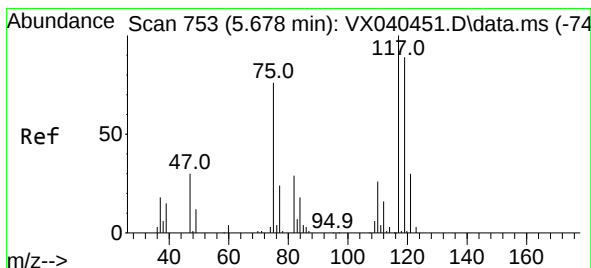
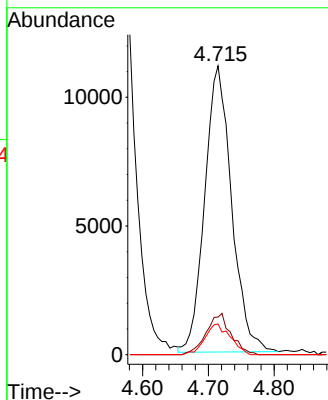
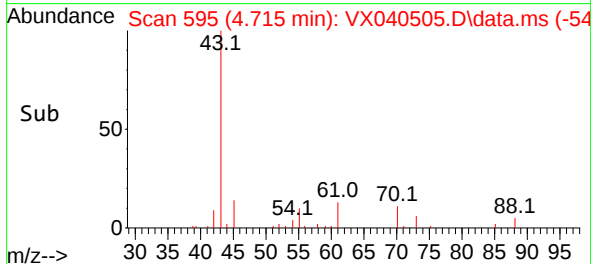
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion: 43 Resp: 31672
Ion Ratio Lower Upper
43 100
61 13.2 10.6 16.0
70 10.1 8.3 12.5

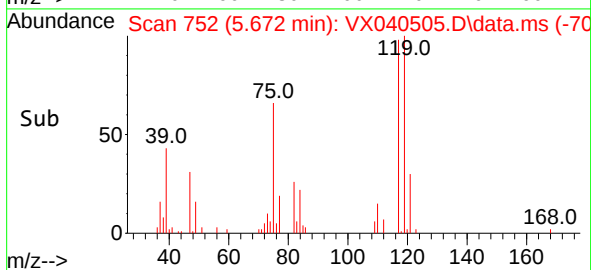
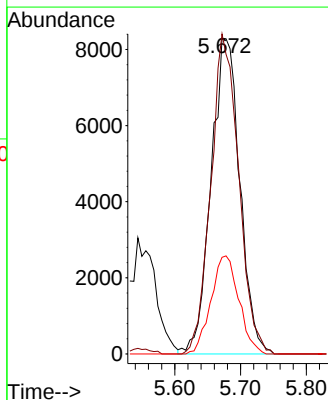
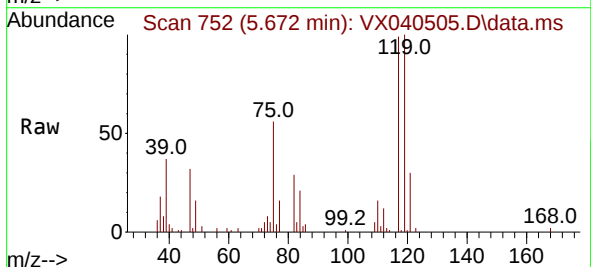
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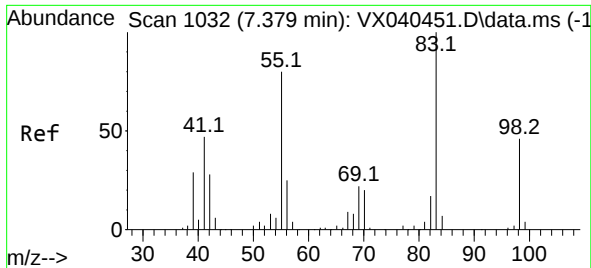
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#38
Carbon Tetrachloride
Concen: 19.804 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Tgt Ion:117 Resp: 25261
Ion Ratio Lower Upper
117 100
119 101.4 78.2 117.2
121 30.6 24.4 36.6





#39
Methylcyclohexane
Concen: 19.727 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

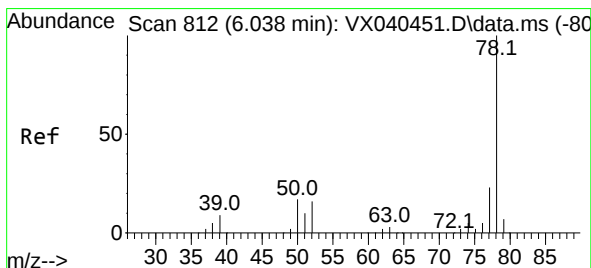
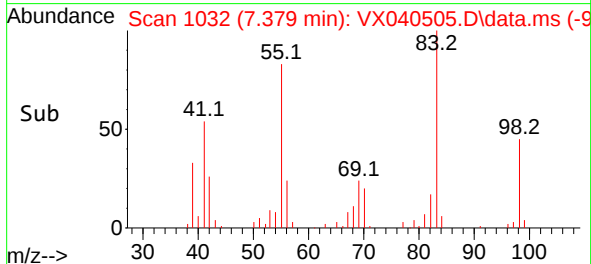
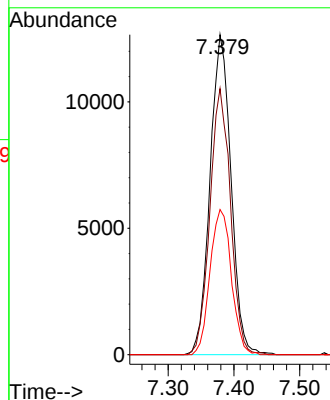
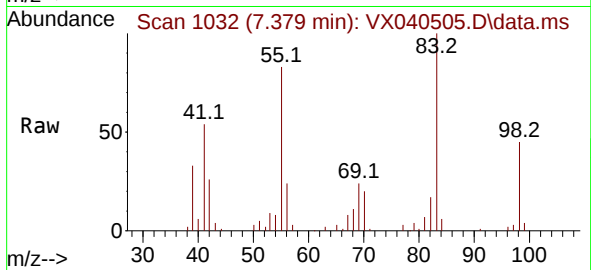
Tgt Ion: 83 Resp: 2812
Ion Ratio Lower Upper
83 100
55 83.1 64.6 97.0
98 45.3 36.7 55.1

Manual Integrations

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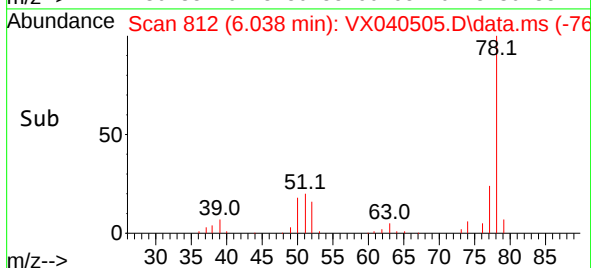
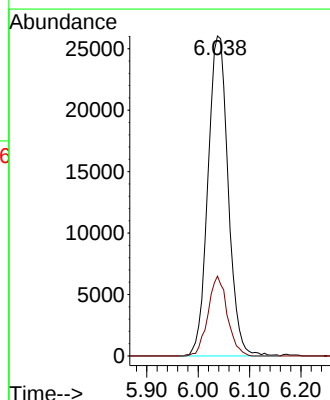
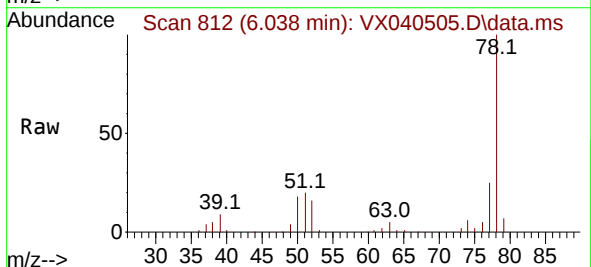
Reviewed By :John Carlone 02/29/2024

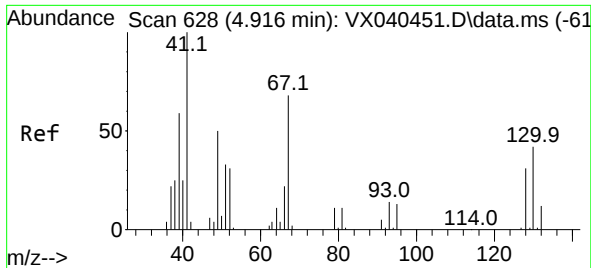
Supervised By :Mahesh Dadoda 02/29/2024



#40
Benzene
Concen: 19.903 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

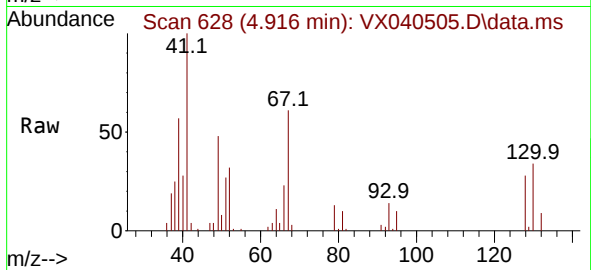
Tgt Ion: 78 Resp: 71150
Ion Ratio Lower Upper
78 100
77 24.9 19.3 28.9





#41
Methacrylonitrile
Concen: 21.732 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

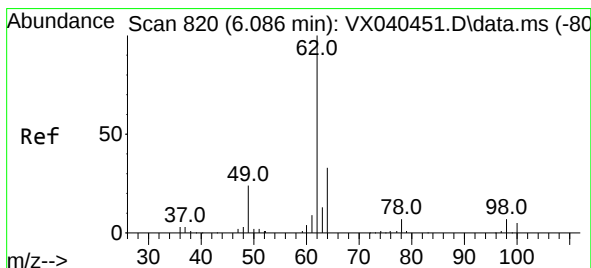
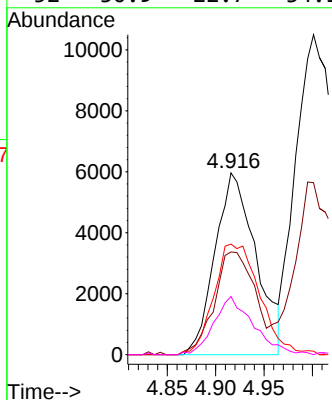
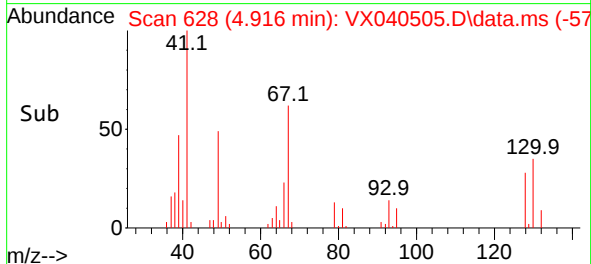
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



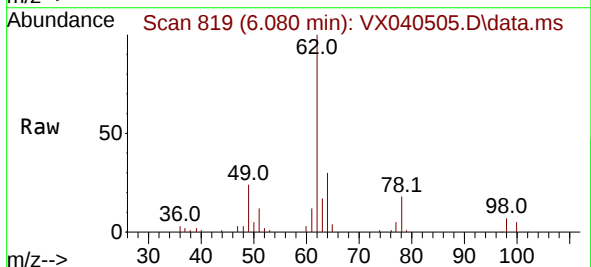
Tgt Ion: 41 Resp: 1754
Ion Ratio Lower Upper
41 100
39 55.2 45.2 67.8
67 68.0 52.6 78.8
52 30.9 22.7 34.1

Manual Integrations
APPROVED

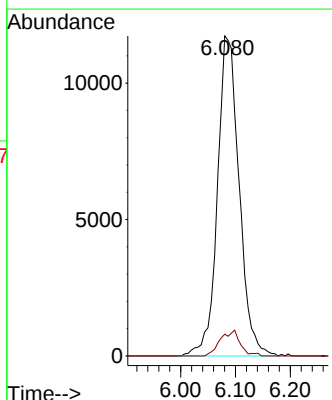
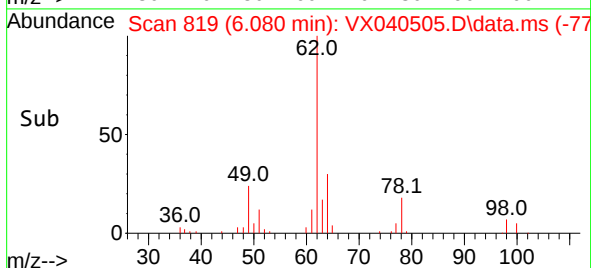
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

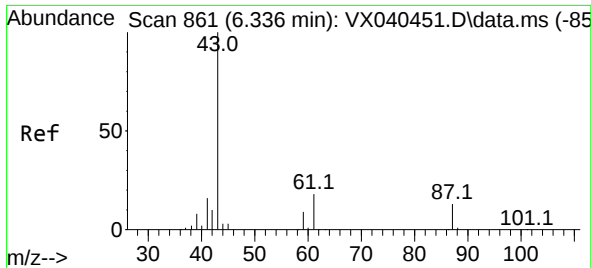


#42
1,2-Dichloroethane
Concen: 21.834 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35



Tgt Ion: 62 Resp: 32306
Ion Ratio Lower Upper
62 100
98 7.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 21.102 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tgt Ion: 43 Resp: 4784

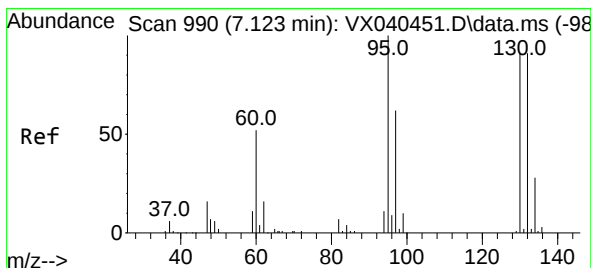
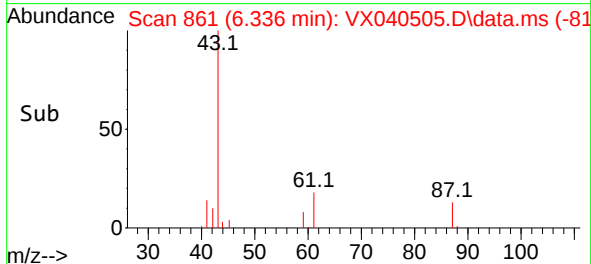
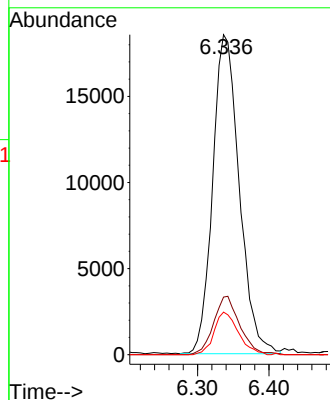
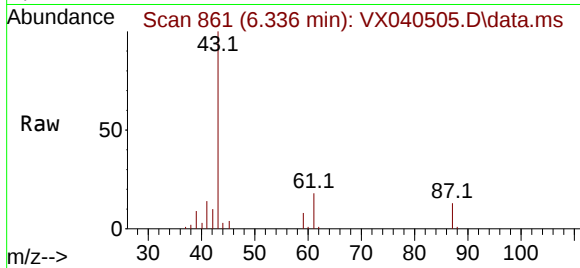
Ion	Ratio	Lower	Upper
43	100		
61	18.0	15.2	22.8
87	12.2	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#44

Trichloroethene

Concen: 19.574 ug/l

RT: 7.129 min Scan# 991

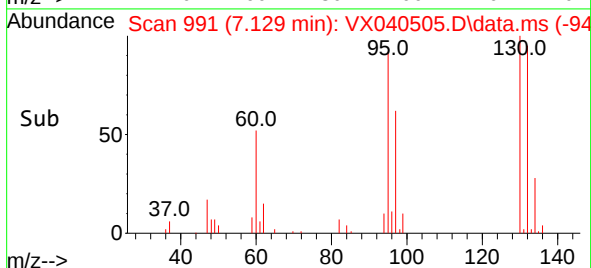
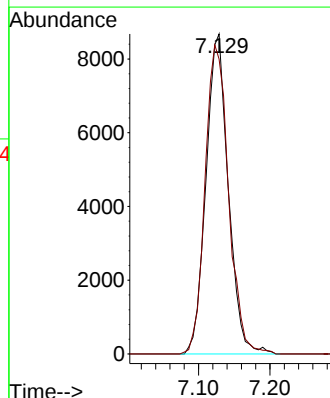
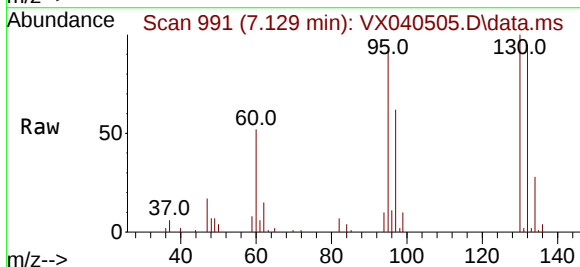
Delta R.T. 0.006 min

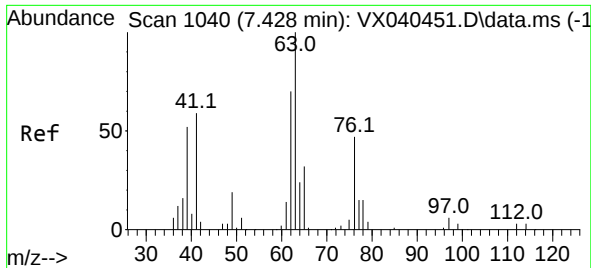
Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

Tgt Ion:130 Resp: 18819

Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	204.4





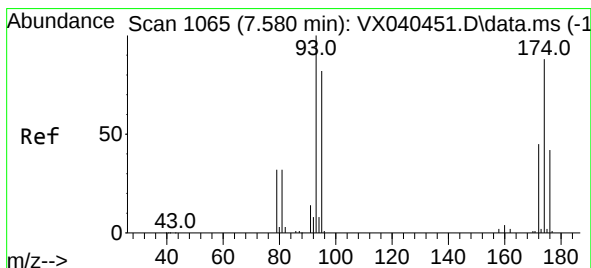
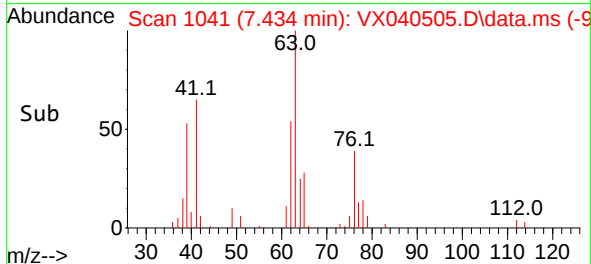
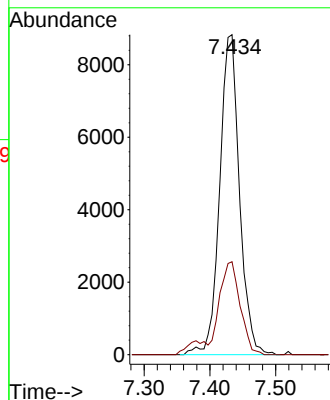
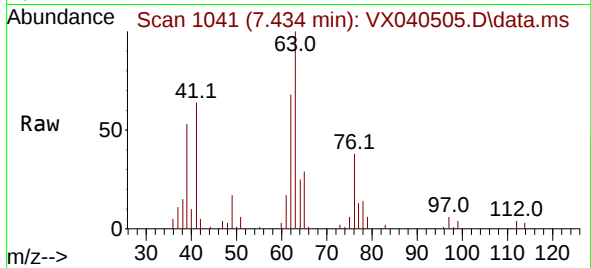
#45
1,2-Dichloropropane
Concen: 19.329 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tgt Ion: 63 Resp: 1849
Ion Ratio Lower Upper
63 100
65 29.0 24.3 36.5

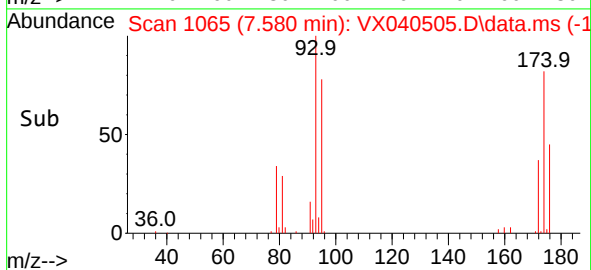
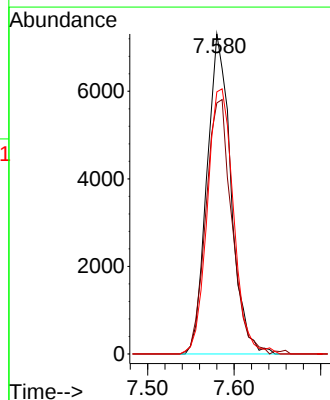
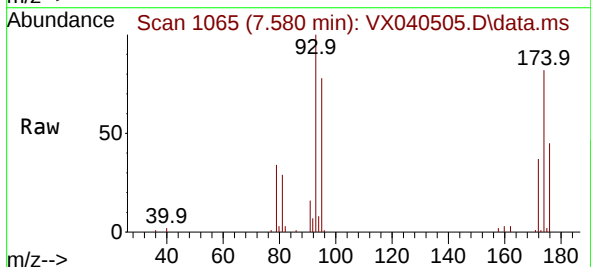
Manual Integrations
APPROVED

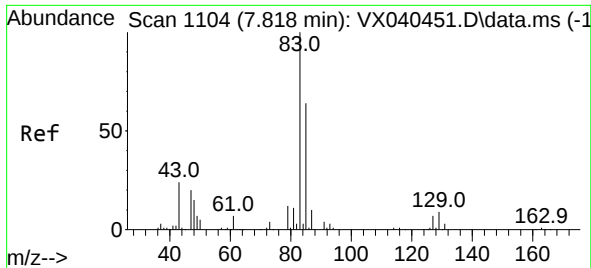
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#46
Dibromomethane
Concen: 20.004 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Tgt Ion: 93 Resp: 14071
Ion Ratio Lower Upper
93 100
95 86.2 66.6 100.0
174 90.4 69.4 104.0





#47
Bromodichloromethane
Concen: 20.470 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

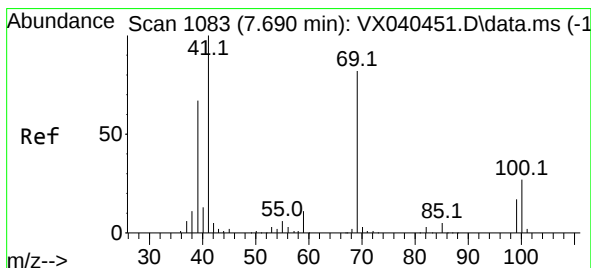
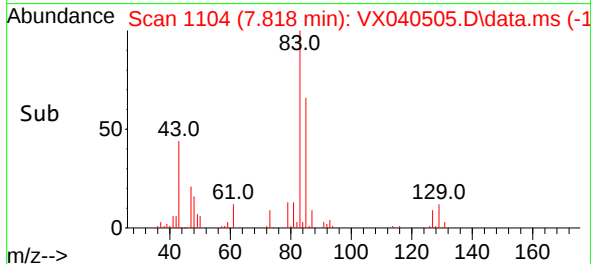
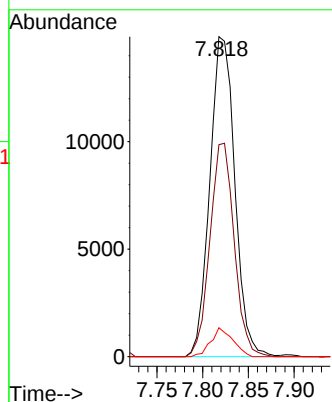
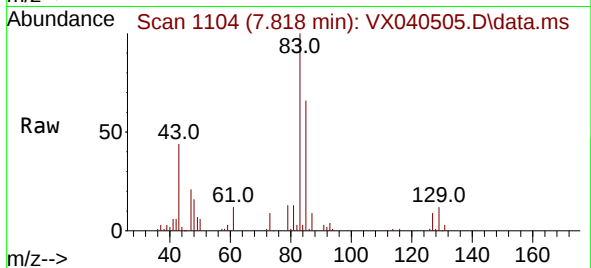
Tgt Ion: 83 Resp: 28350
Ion Ratio Lower Upper
83 100
85 66.3 49.8 74.6
127 9.0 7.1 10.7

Manual Integrations

APPROVED

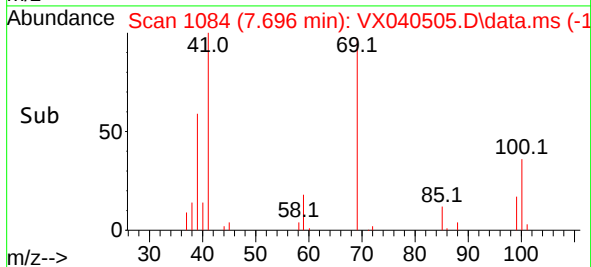
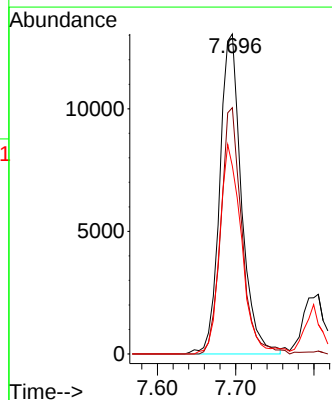
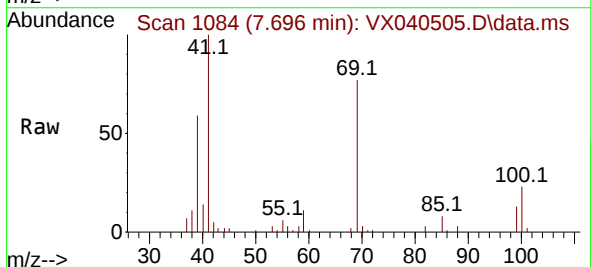
Reviewed By :John Carlone 02/29/2024

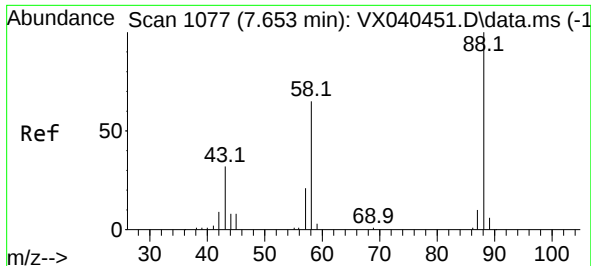
Supervised By :Mahesh Dadoda 02/29/2024



#48
Methyl methacrylate
Concen: 22.214 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Tgt Ion: 41 Resp: 25176
Ion Ratio Lower Upper
41 100
69 73.9 59.2 88.8
39 66.2 47.7 71.5





#49

1,4-Dioxane

Concen: 521.573 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

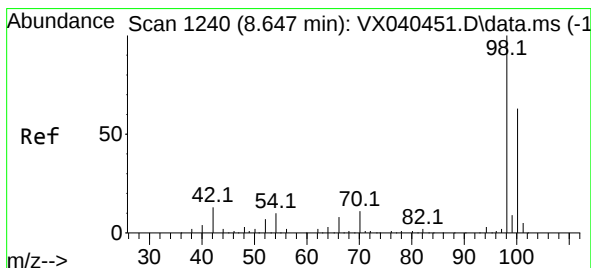
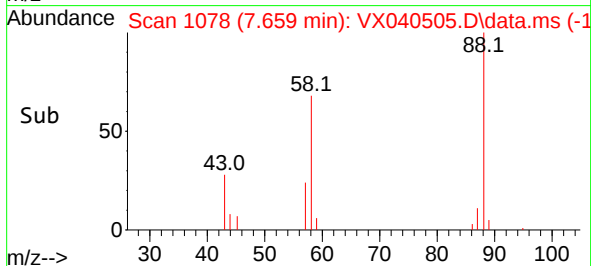
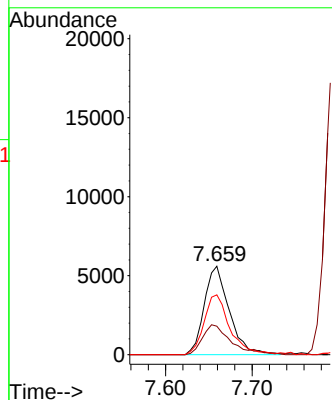
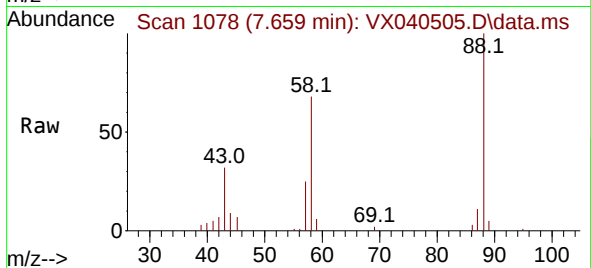
Tgt Ion: 88 Resp: 1118
 Ion Ratio Lower Upper
 88 100
 43 38.8 0.0 0.0
 58 69.6 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#50

Toluene-d8

Concen: 48.794 ug/l

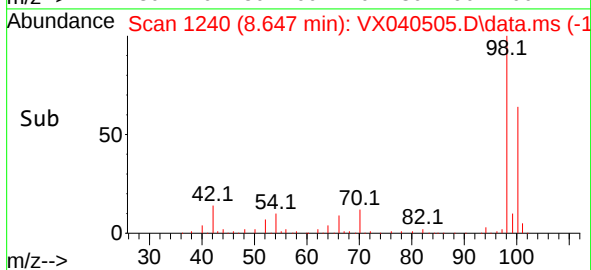
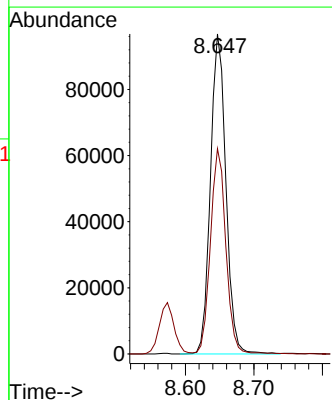
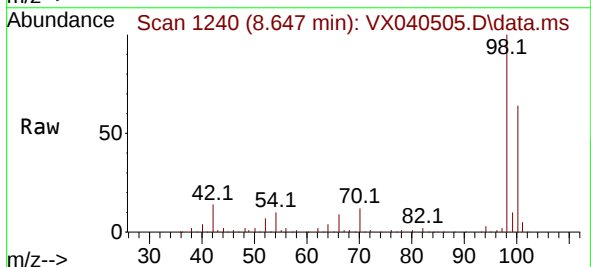
RT: 8.647 min Scan# 1240

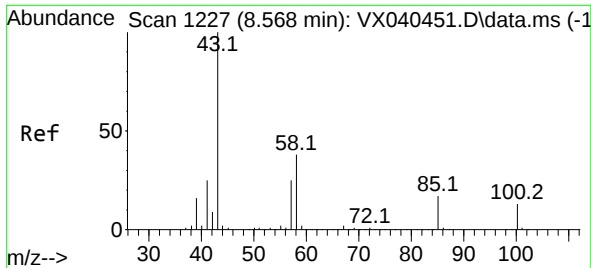
Delta R.T. 0.000 min

Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

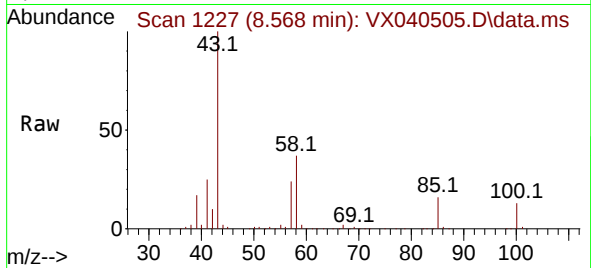
Tgt Ion: 98 Resp: 151794
 Ion Ratio Lower Upper
 98 100
 100 64.2 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 112.859 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

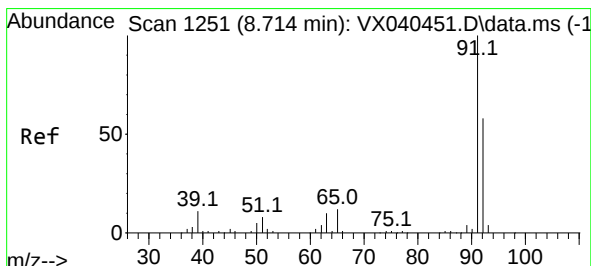
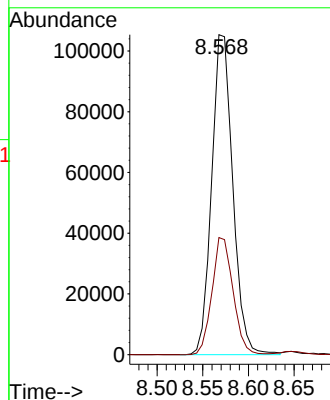
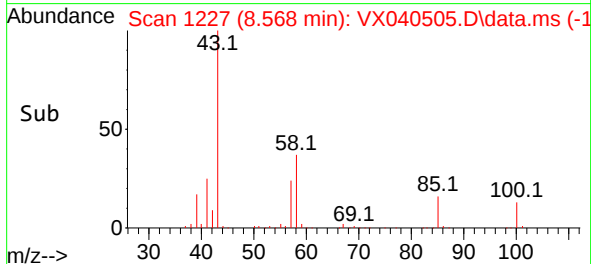
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



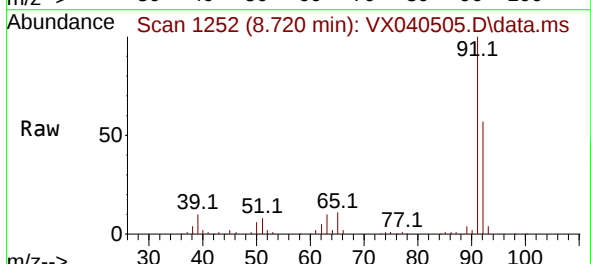
Tgt Ion: 43 Resp: 16919
Ion Ratio Lower Upper
43 100
58 36.6 30.4 45.6

Manual Integrations
APPROVED

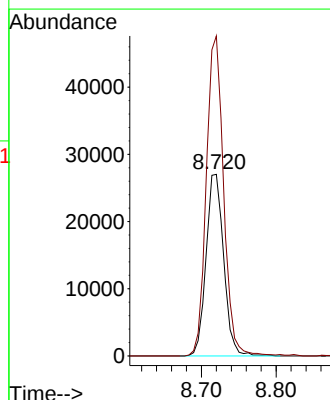
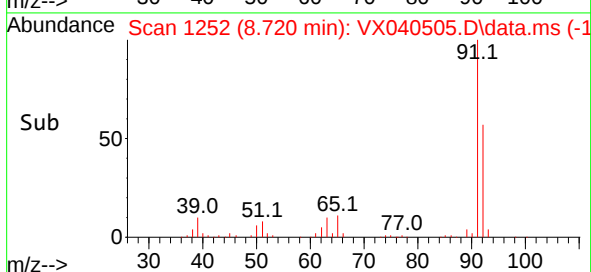
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

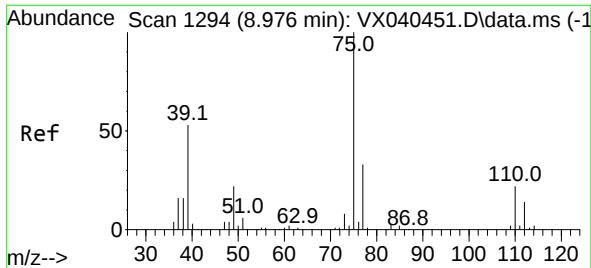


#52
Toluene
Concen: 20.187 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35



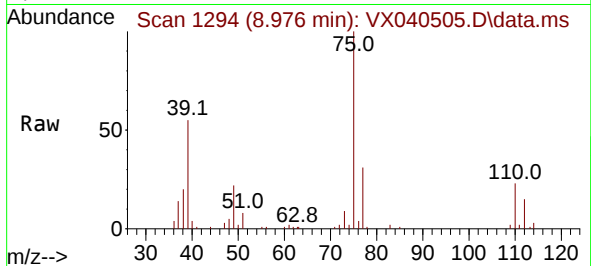
Tgt Ion: 92 Resp: 44290
Ion Ratio Lower Upper
92 100
91 173.2 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 19.999 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX040505.D
 Acq: 28 Feb 2024 12:35

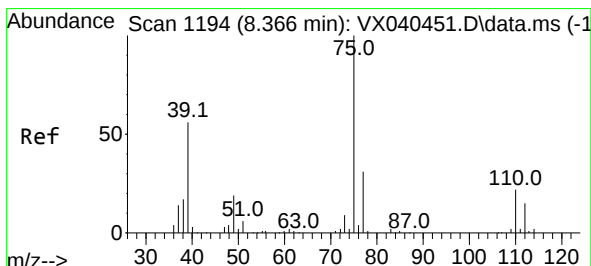
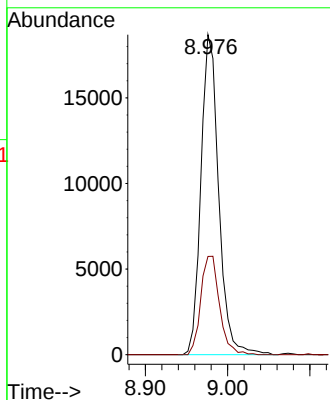
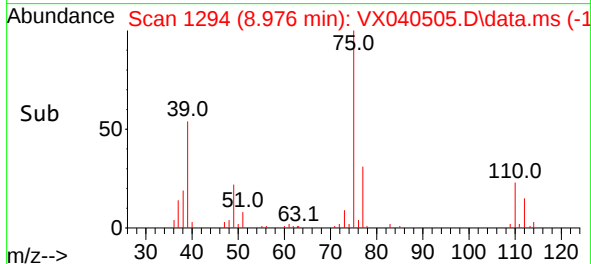
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01



Tgt Ion: 75 Resp: 28109
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.7 38.5

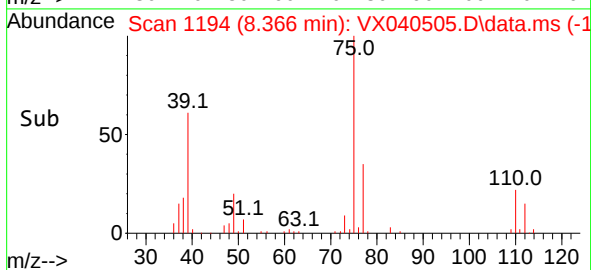
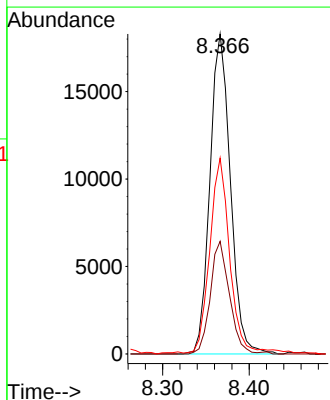
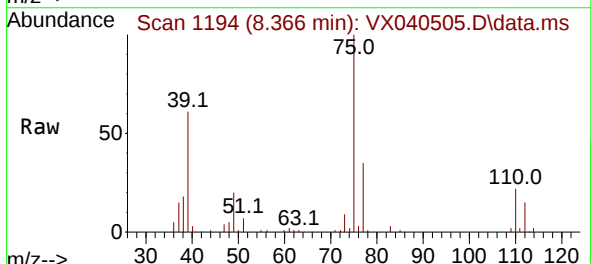
Manual Integrations
 APPROVED

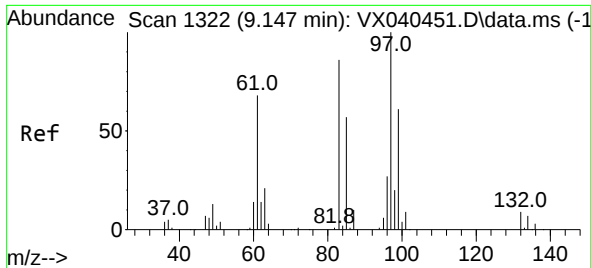
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024



#54
 cis-1,3-Dichloropropene
 Concen: 19.894 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX040505.D
 Acq: 28 Feb 2024 12:35

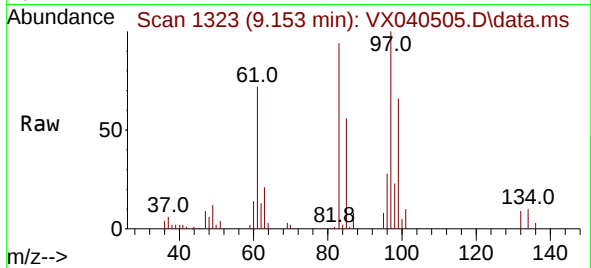
Tgt Ion: 75 Resp: 30055
 Ion Ratio Lower Upper
 75 100
 77 35.2 25.3 37.9
 39 60.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 21.246 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

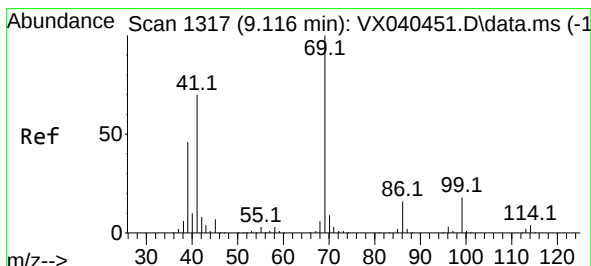
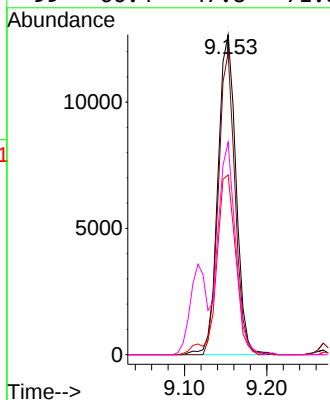
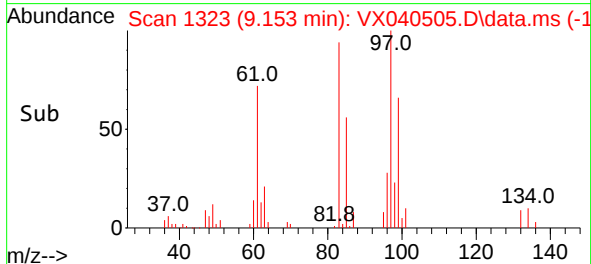
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



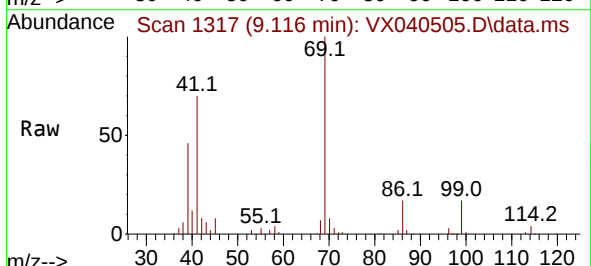
Tgt Ion	Ratio	Lower	Upper
97	100		
83	94.3	65.8	98.8
85	56.2	41.6	62.4
99	66.4	47.8	71.8

Manual Integrations
APPROVED

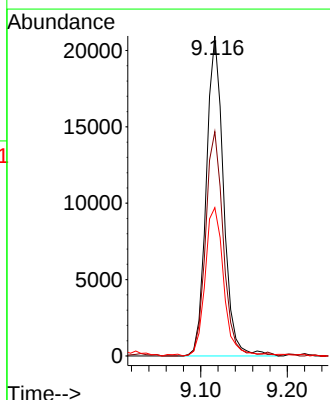
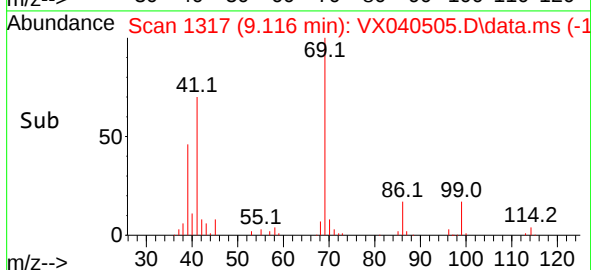
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

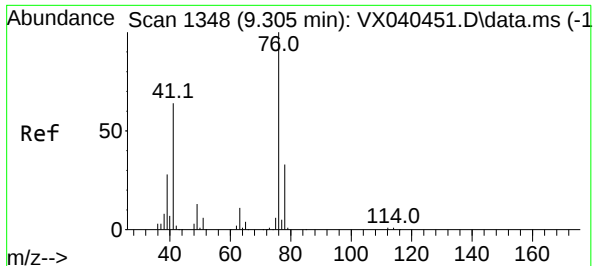


#56
Ethyl methacrylate
Concen: 20.527 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35



Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.7	56.8	85.2
39	50.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.864 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tgt Ion: 76 Resp: 3308

Ion Ratio Lower Upper

76 100

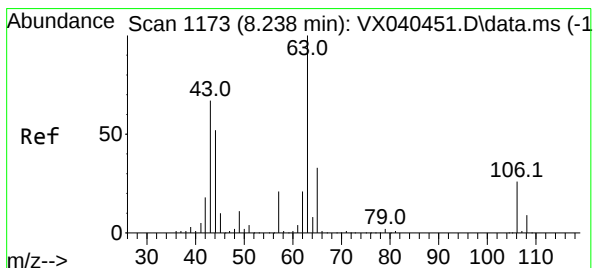
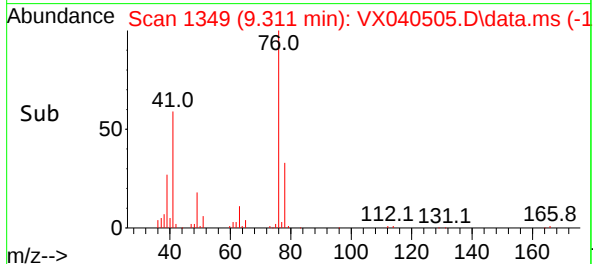
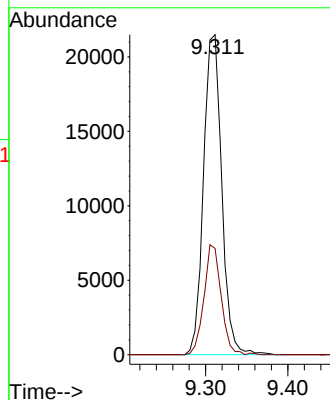
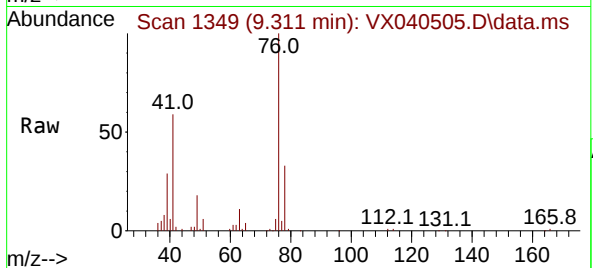
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#58

2-Chloroethyl Vinyl ether

Concen: 105.741 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX040505.D

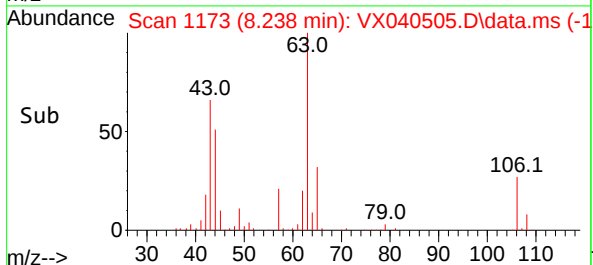
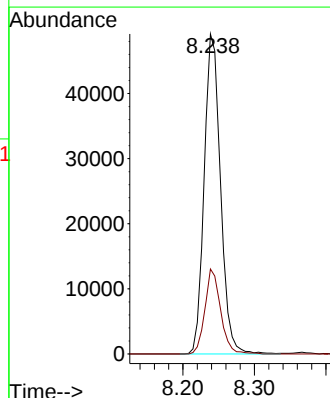
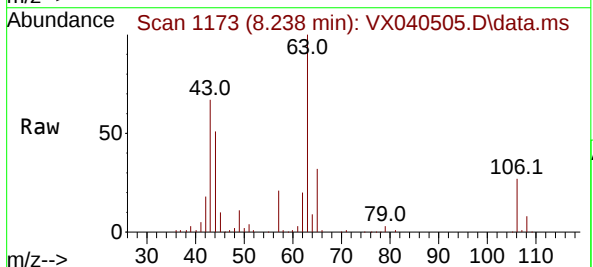
Acq: 28 Feb 2024 12:35

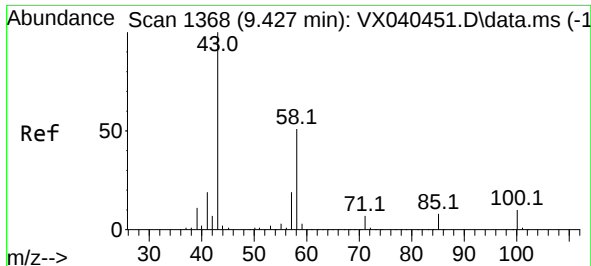
Tgt Ion: 63 Resp: 78049

Ion Ratio Lower Upper

63 100

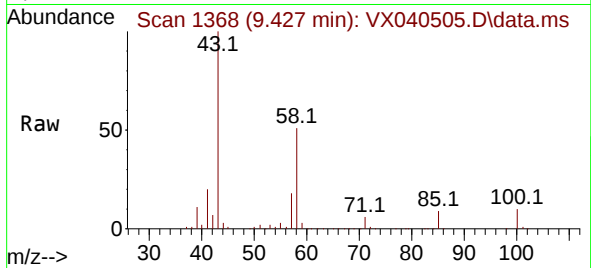
106 25.5 22.5 33.7





#59
2-Hexanone
Concen: 116.971 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

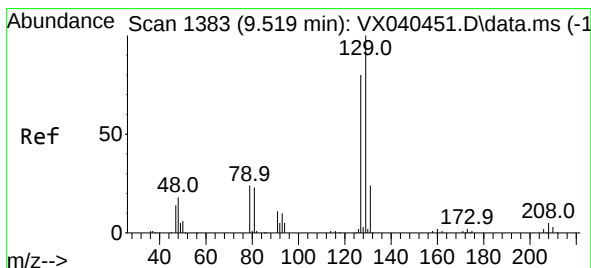
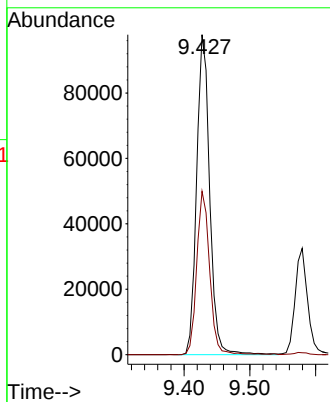
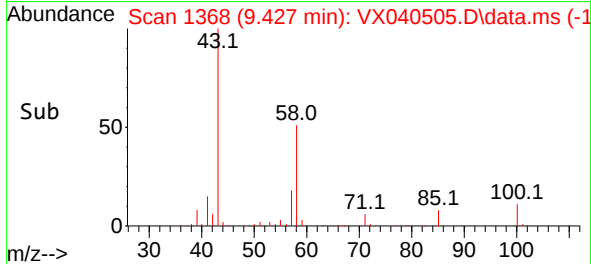
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion: 43 Resp: 13482
Ion Ratio Lower Upper
43 100
58 50.5 26.2 78.5

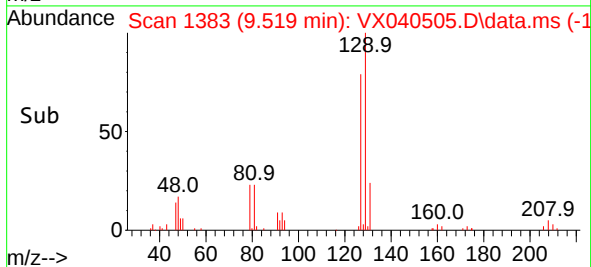
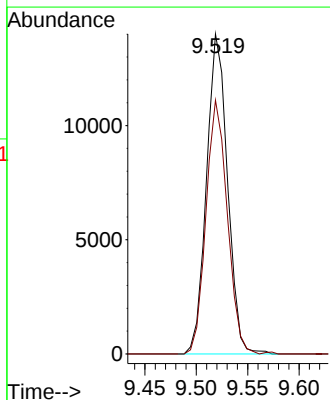
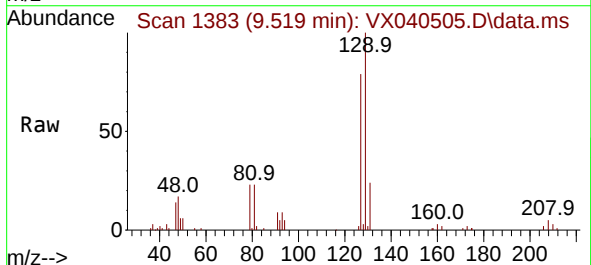
Manual Integrations
APPROVED

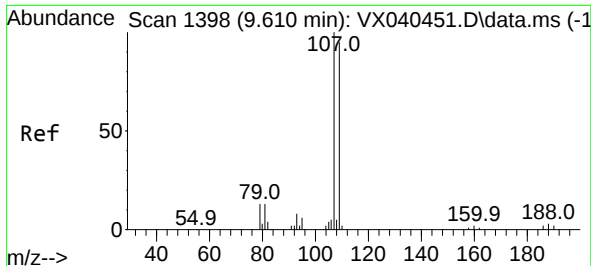
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#60
Dibromochloromethane
Concen: 20.111 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

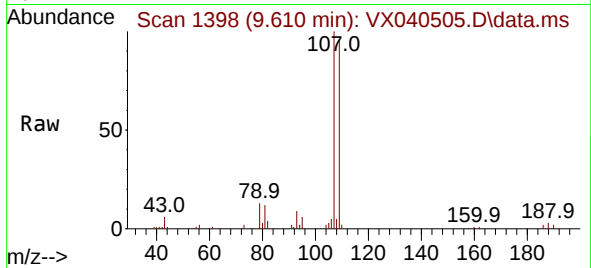
Tgt Ion:129 Resp: 19889
Ion Ratio Lower Upper
129 100
127 80.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.174 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

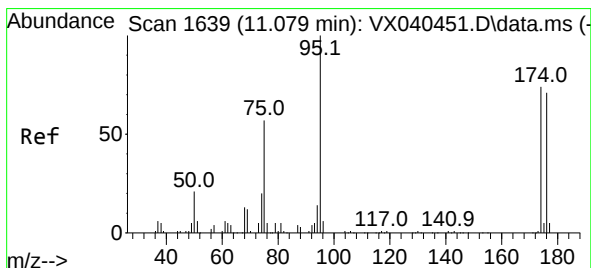
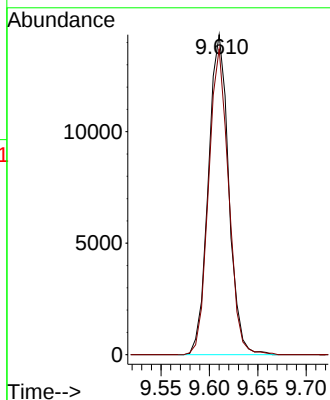
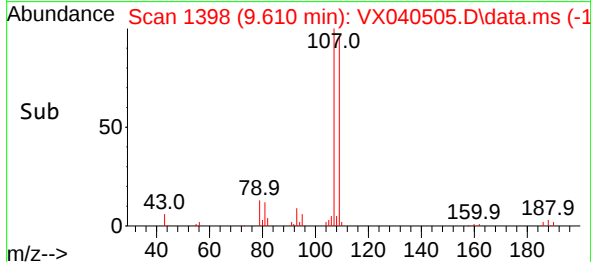
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



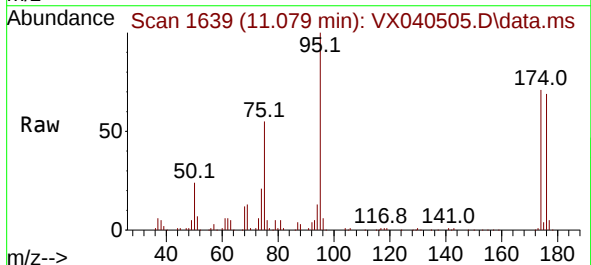
Tgt Ion:107 Resp: 2103
Ion Ratio Lower Upper
107 100
109 93.7 75.2 112.8

Manual Integrations
APPROVED

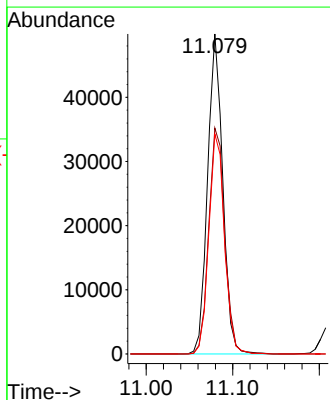
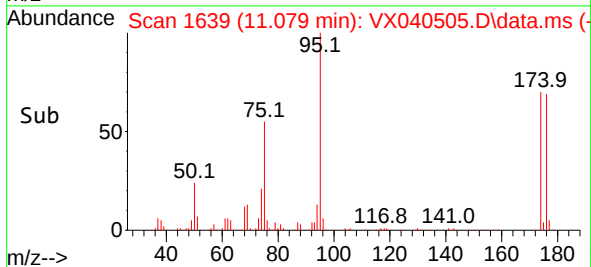
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

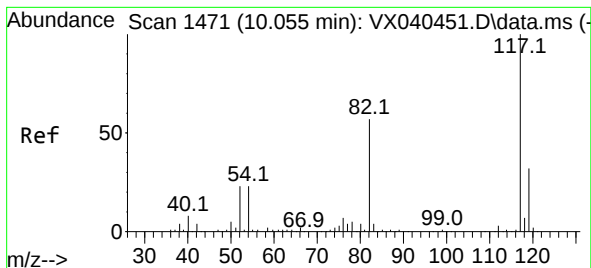


#62
4-Bromofluorobenzene
Concen: 51.066 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35



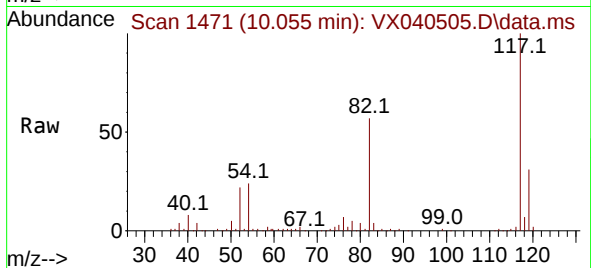
Tgt Ion: 95 Resp: 60556
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 71.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

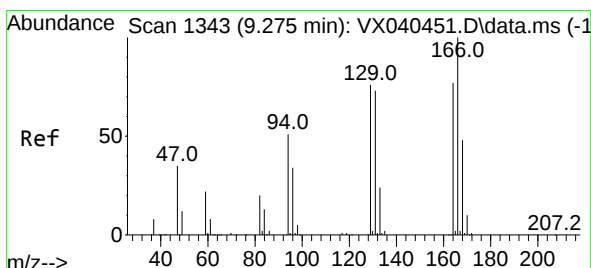
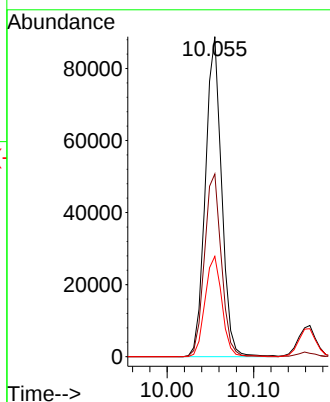
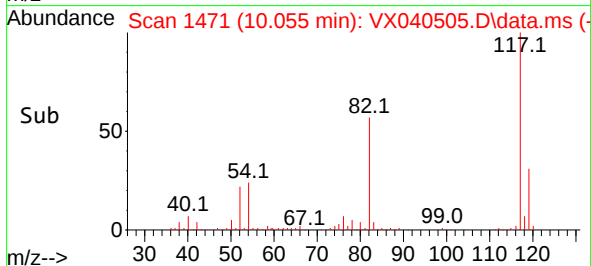
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion:117 Resp: 11574
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 31.3 25.5 38.3

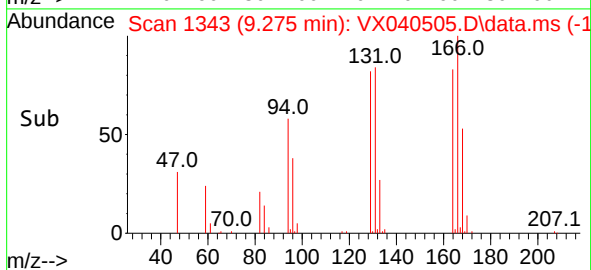
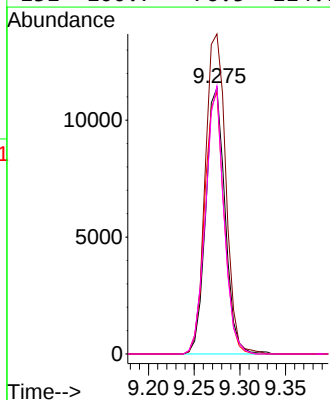
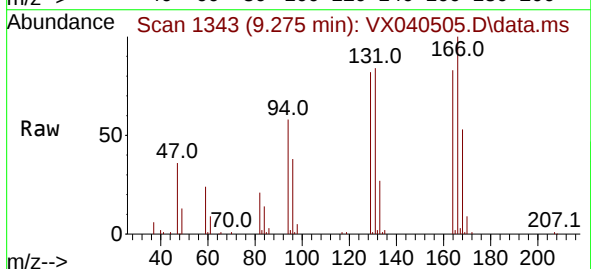
Manual Integrations
APPROVED

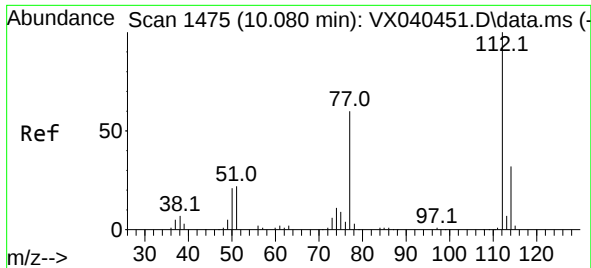
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#64
Tetrachloroethene
Concen: 20.510 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Tgt Ion:164 Resp: 16666
Ion Ratio Lower Upper
164 100
166 120.3 102.7 154.1
129 98.5 80.4 120.6
131 100.7 76.5 114.7





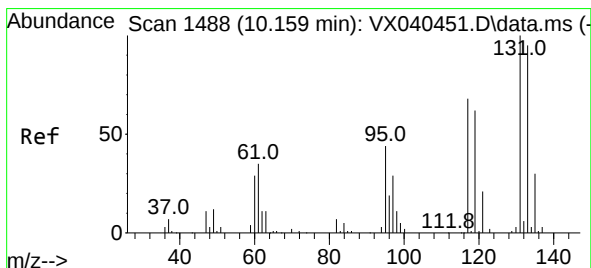
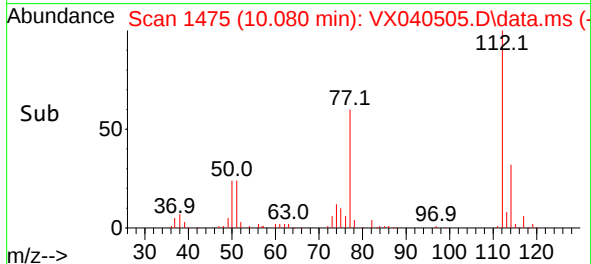
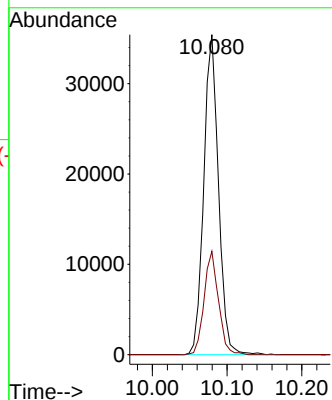
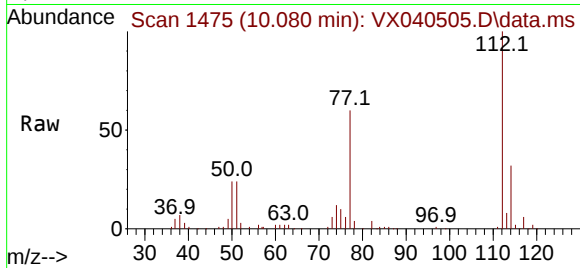
#65
Chlorobenzene
Concen: 19.647 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tgt Ion:112 Resp: 48368
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

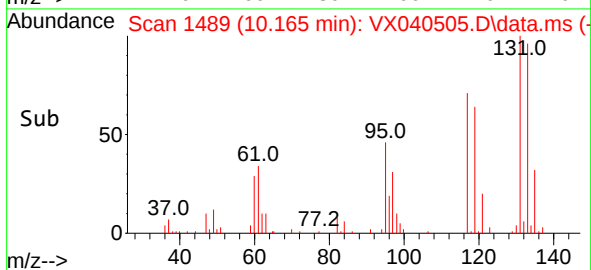
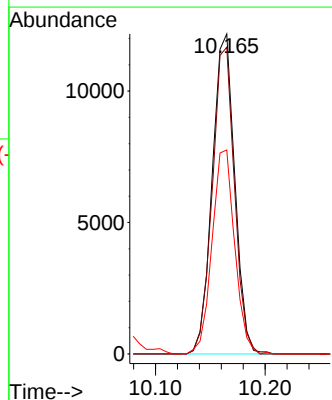
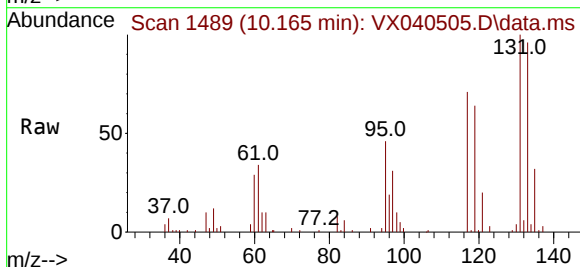
Manual Integrations
APPROVED

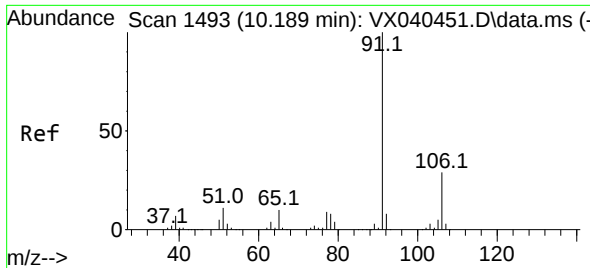
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.987 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

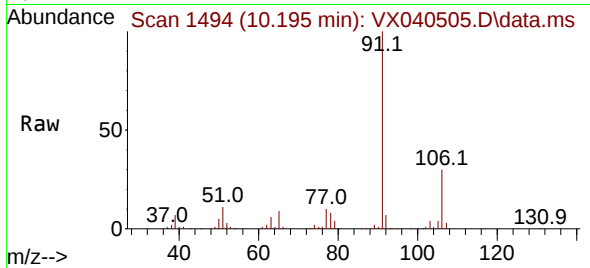
Tgt Ion:131 Resp: 17341
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 64.3 32.2 96.6





#67
Ethyl Benzene
Concen: 19.716 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

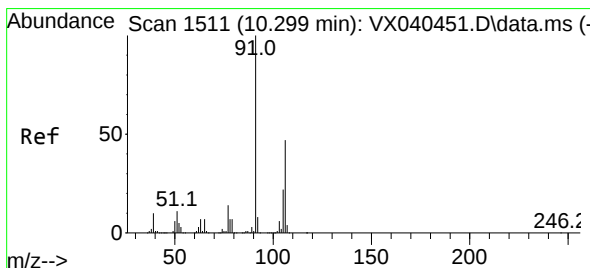
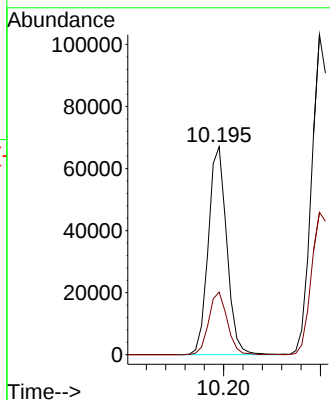
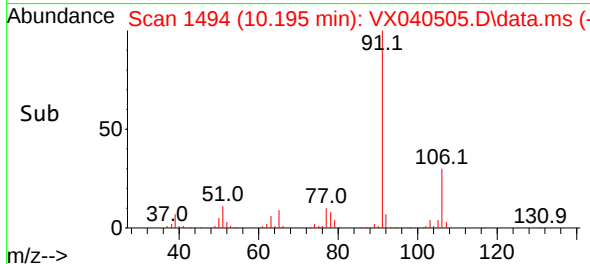
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion: 91 Resp: 8884
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3

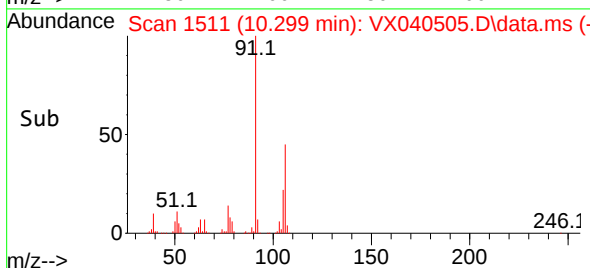
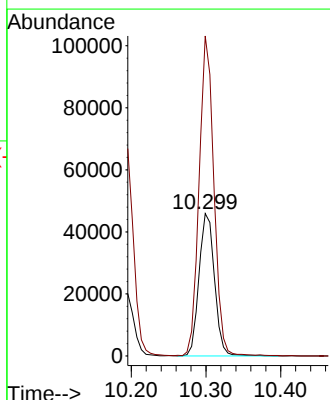
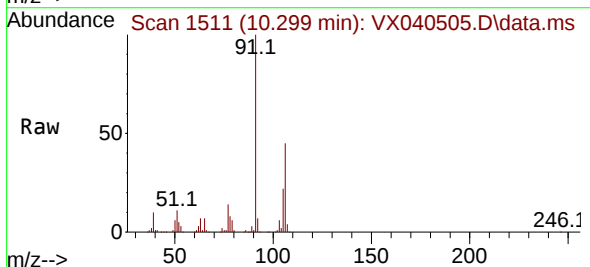
Manual Integrations
APPROVED

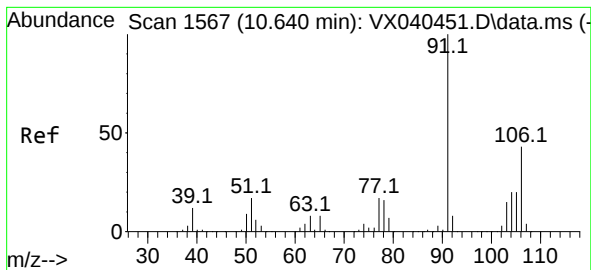
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#68
m/p-Xylenes
Concen: 39.289 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Tgt Ion:106 Resp: 66117
Ion Ratio Lower Upper
106 100
91 213.2 165.5 248.3





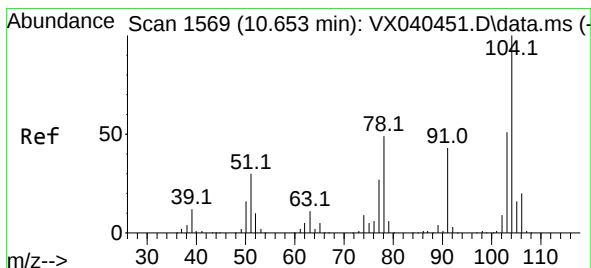
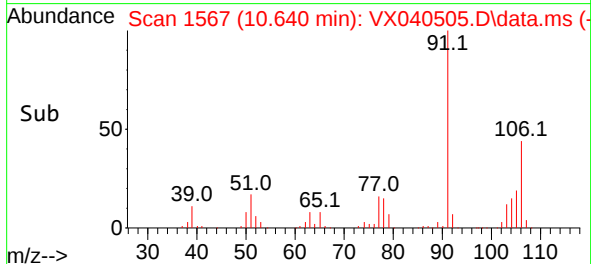
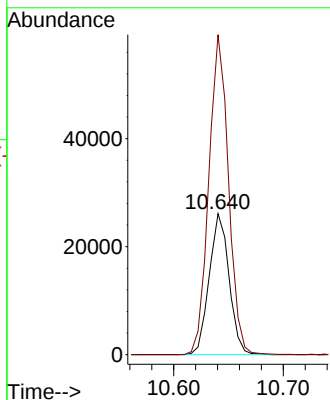
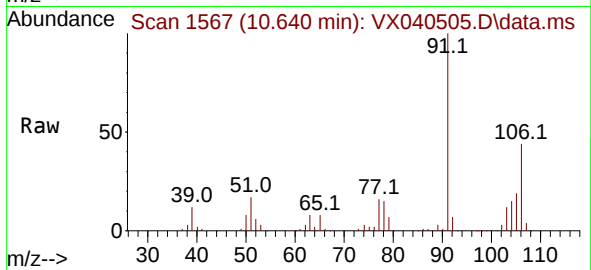
#69
o-Xylene
Concen: 20.427 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tgt Ion:106 Resp: 3287
Ion Ratio Lower Upper
106 100
91 225.0 108.9 326.8

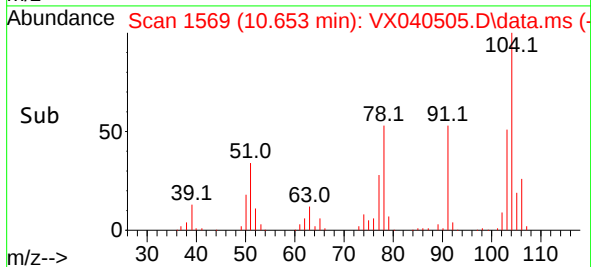
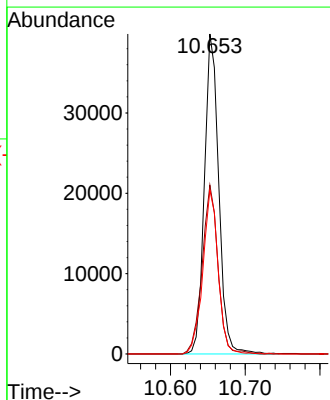
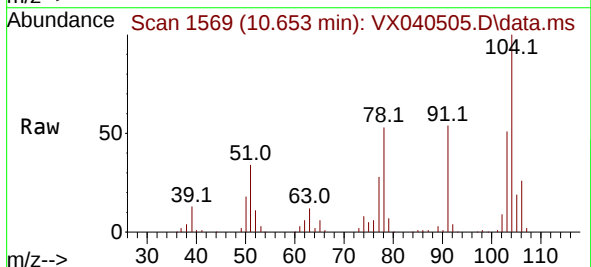
Manual Integrations
APPROVED

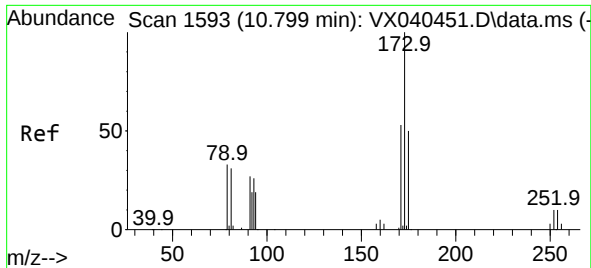
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#70
Styrene
Concen: 19.812 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

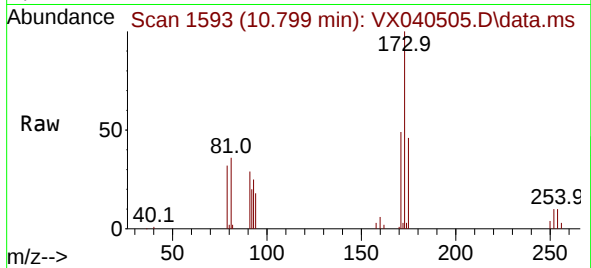
Tgt Ion:104 Resp: 53158
Ion Ratio Lower Upper
104 100
78 57.9 43.6 65.4
103 54.5 43.6 65.4





#71
Bromoform
Concen: 20.037 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

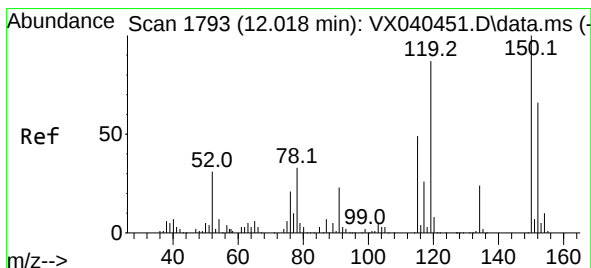
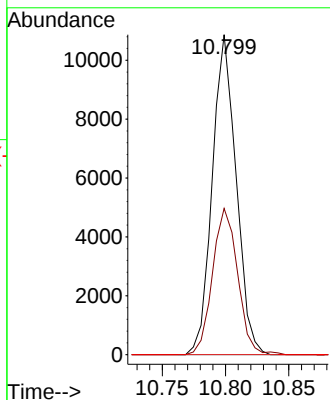
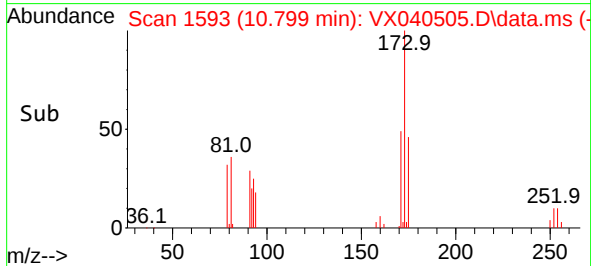
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



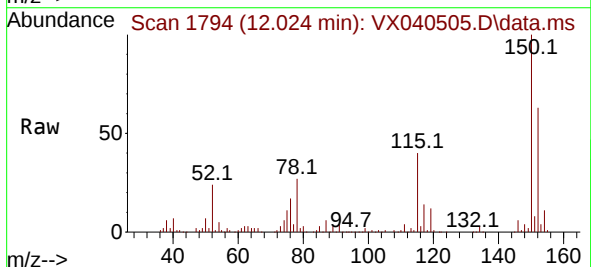
Tgt Ion:173 Resp: 14230
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

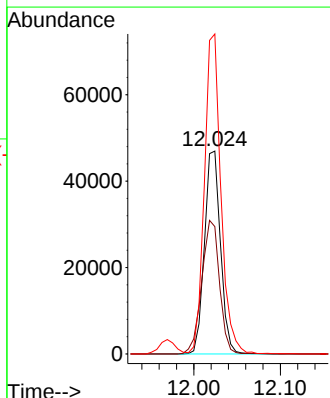
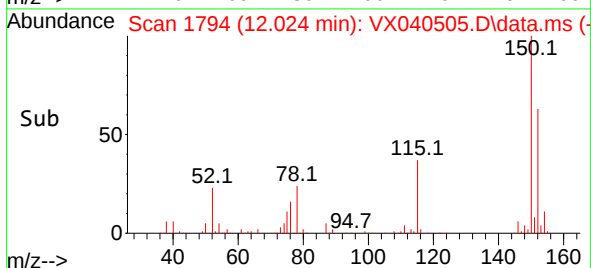
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

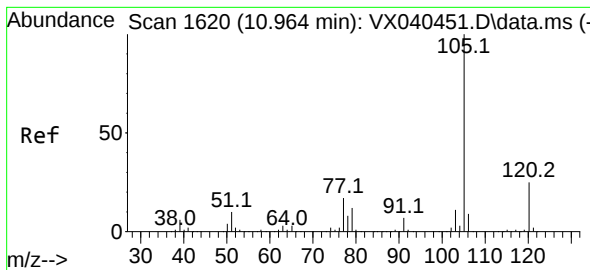


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35



Tgt Ion:152 Resp: 60338
Ion Ratio Lower Upper
152 100
115 72.7 43.3 129.9
150 162.9 0.0 345.0





#73

Isopropylbenzene

Concen: 19.704 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tgt Ion:105 Resp: 87558

Ion Ratio Lower Upper

105 100

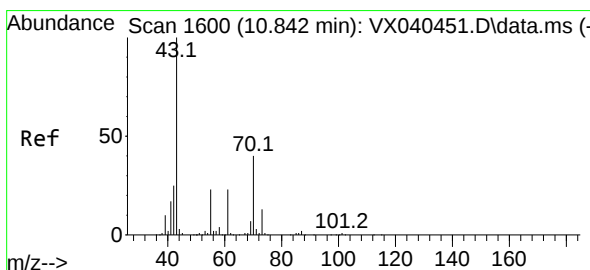
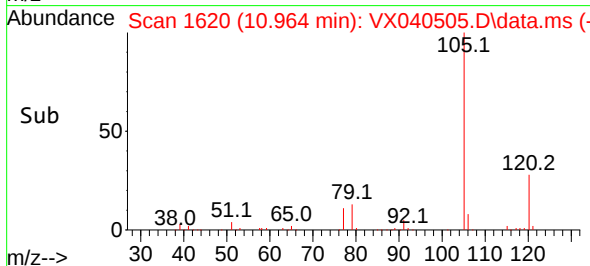
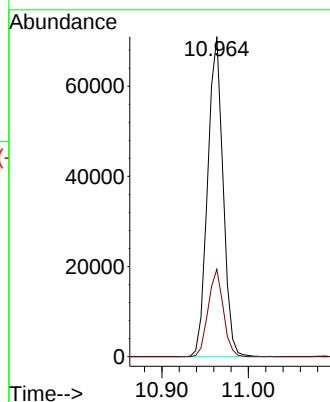
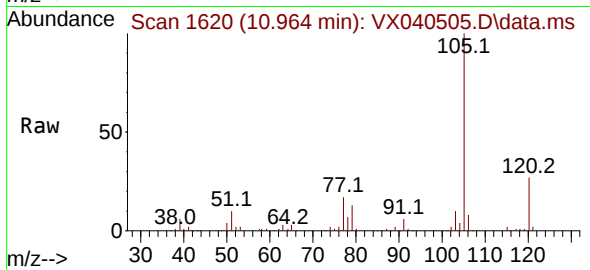
120 26.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#74

N-ethyl acetate

Concen: 19.587 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

Tgt Ion: 43 Resp: 40423

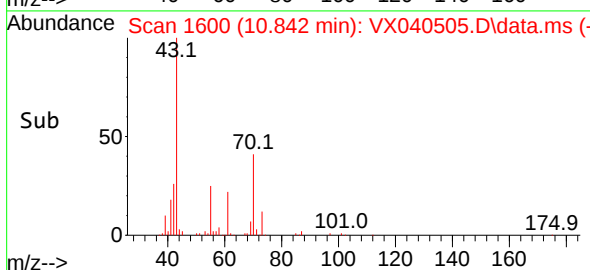
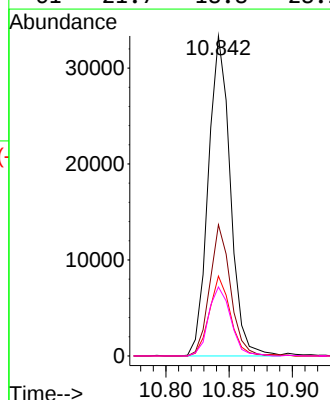
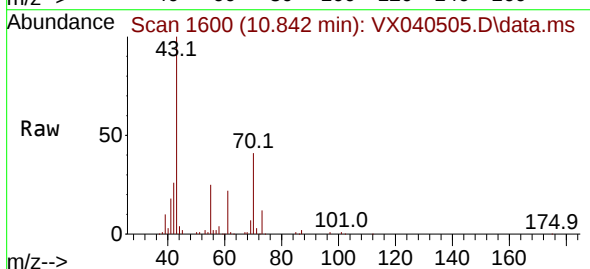
Ion Ratio Lower Upper

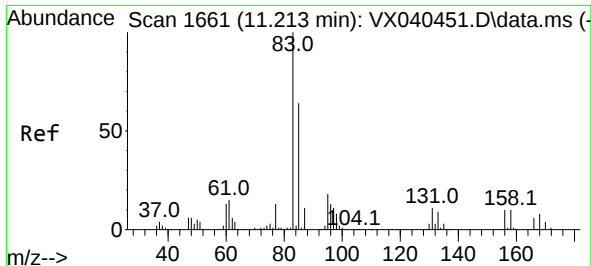
43 100

70 38.9 32.9 49.3

55 24.1 19.3 28.9

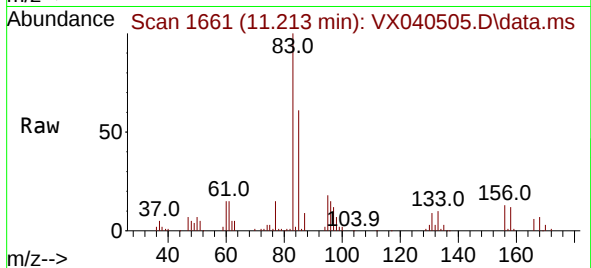
61 21.7 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.789 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

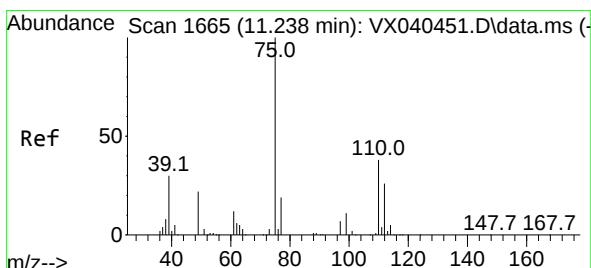
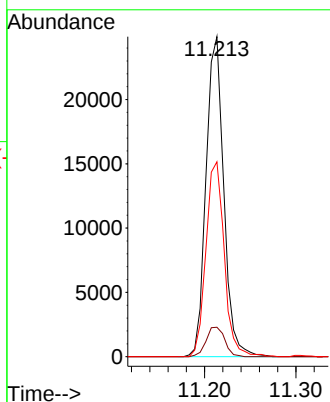
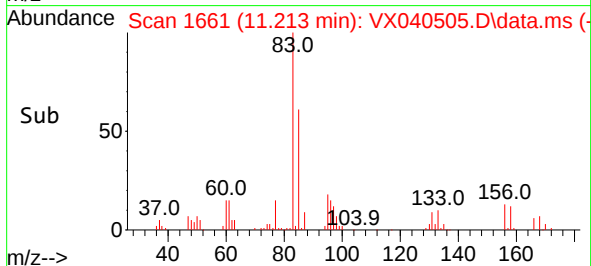
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



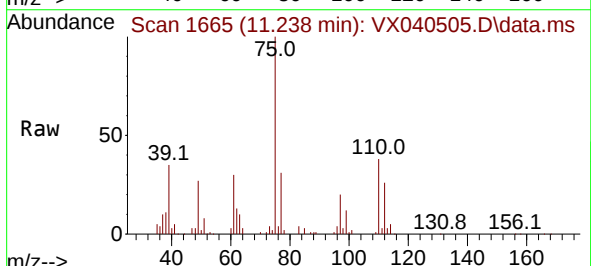
Tgt Ion: 83 Resp: 33409
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.8
85 63.1 32.0 96.2

Manual Integrations
APPROVED

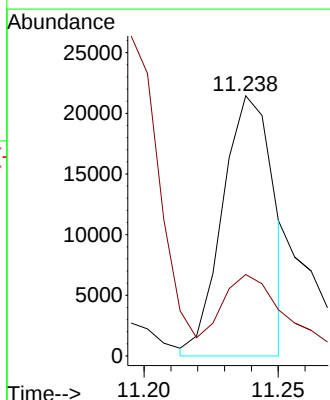
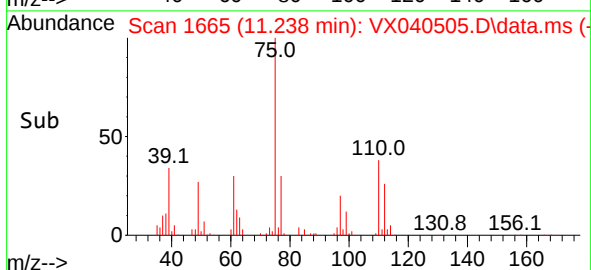
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

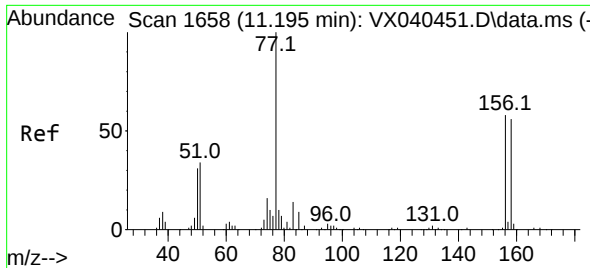


#76
1,2,3-Trichloropropane
Concen: 21.280 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35



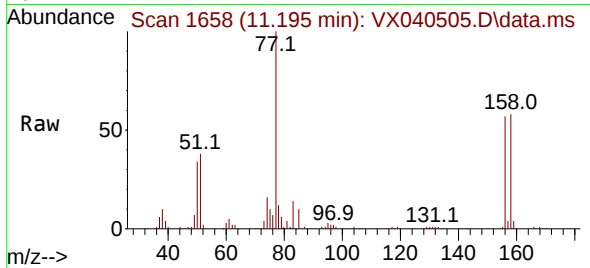
Tgt Ion: 75 Resp: 28259
Ion Ratio Lower Upper
75 100
77 40.7 19.1 57.5





#77
Bromobenzene
Concen: 19.082 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

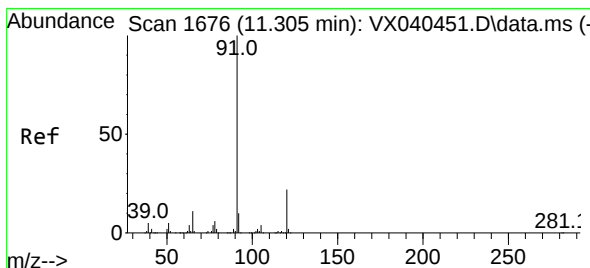
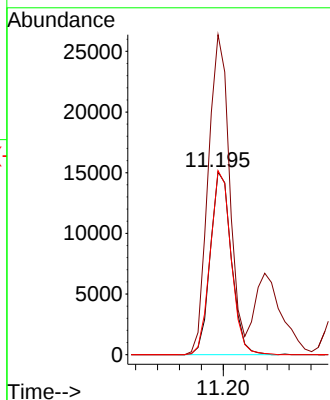
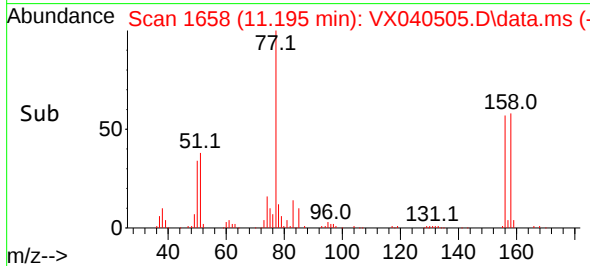
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion:156 Resp: 20050
Ion Ratio Lower Upper
156 100
77 178.6 88.4 265.3
158 100.3 48.0 144.0

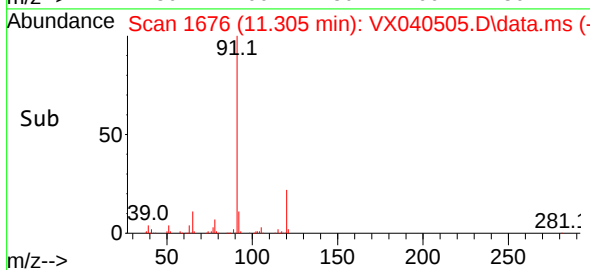
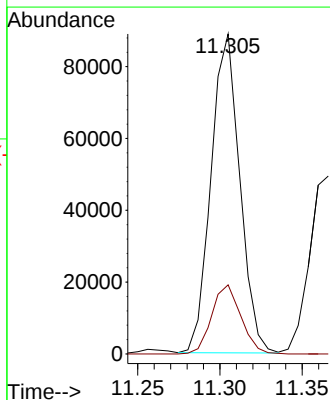
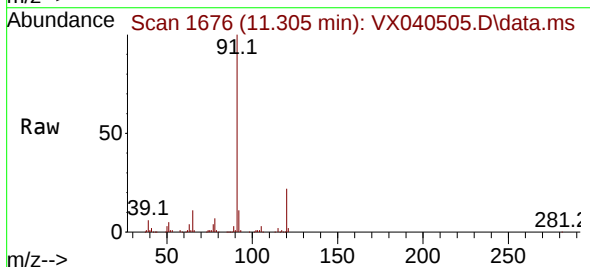
Manual Integrations
APPROVED

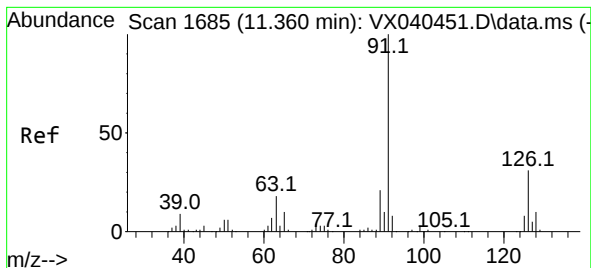
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#78
n-propylbenzene
Concen: 19.641 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Tgt Ion: 91 Resp: 108259
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.293 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tgt Ion: 91 Resp: 64014

Ion Ratio Lower Upper

91 100

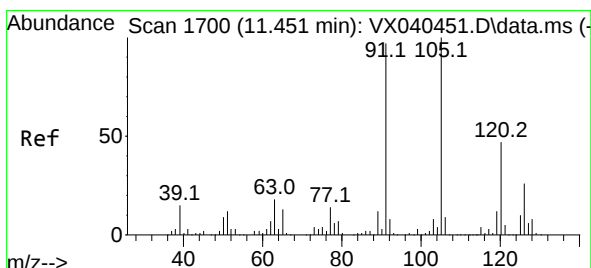
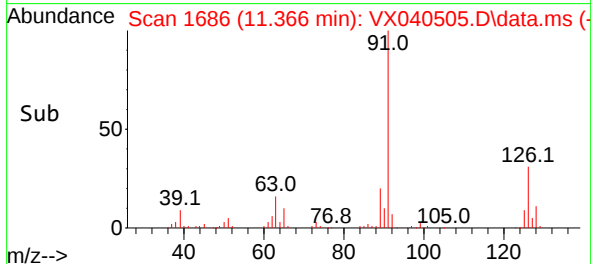
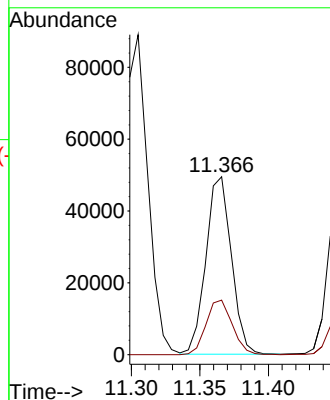
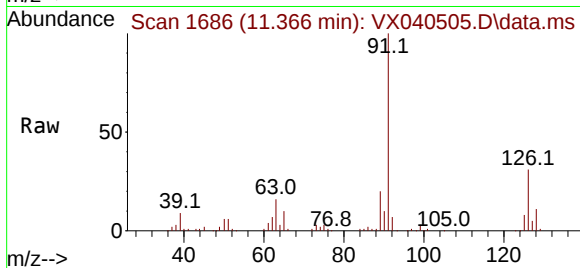
126 31.6 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.864 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040505.D

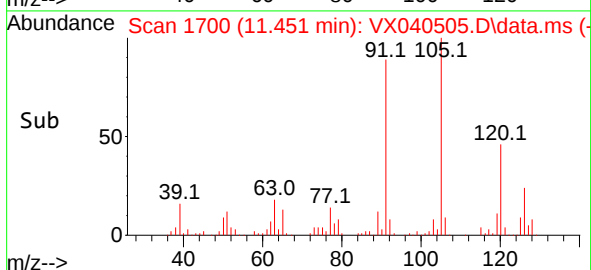
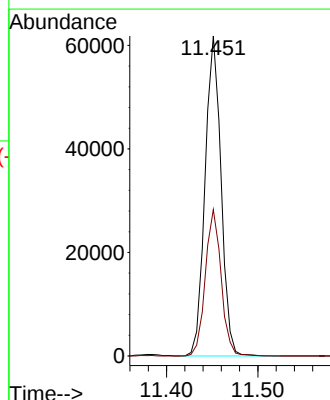
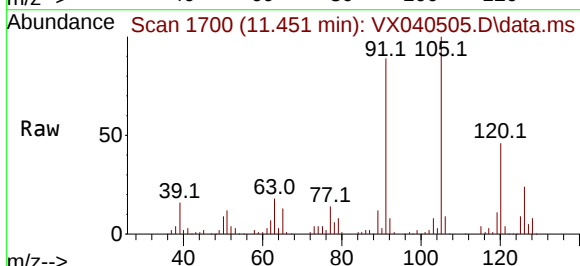
Acq: 28 Feb 2024 12:35

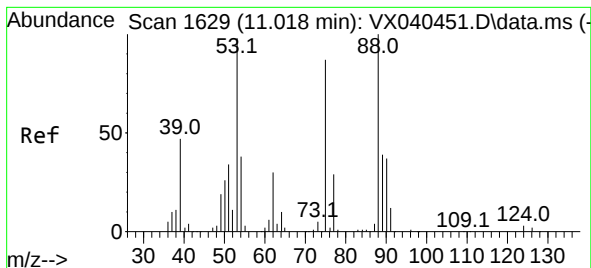
Tgt Ion:105 Resp: 75070

Ion Ratio Lower Upper

105 100

120 45.2 24.1 72.3





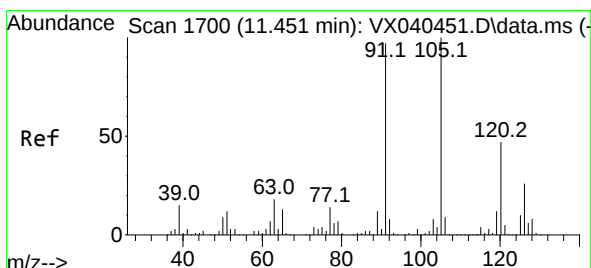
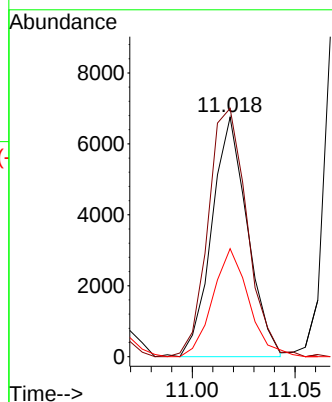
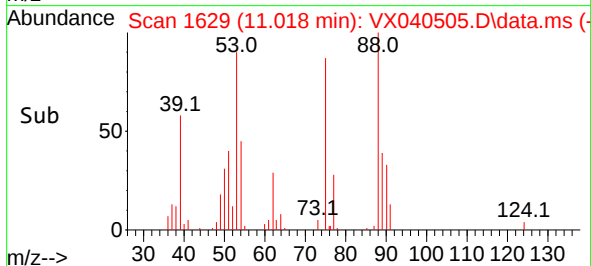
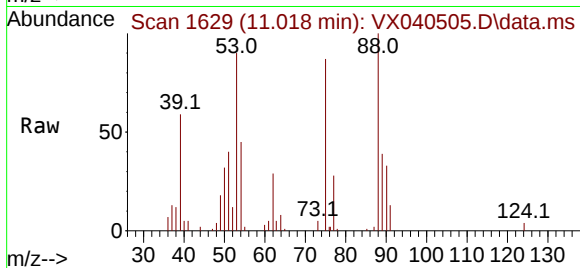
#81
trans-1,4-Dichloro-2-butene
Concen: 20.341 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tgt Ion: 75 Resp: 8130
Ion Ratio Lower Upper
75 100
53 113.7 90.5 135.7
89 45.6 36.9 55.3

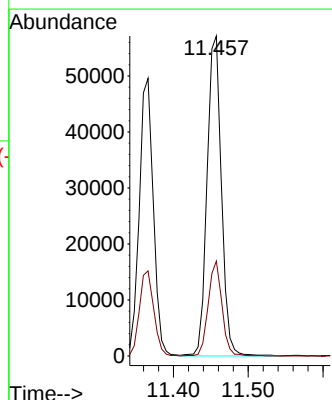
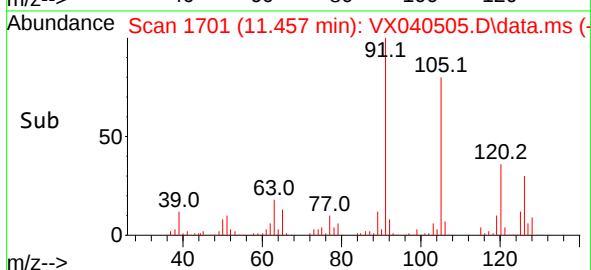
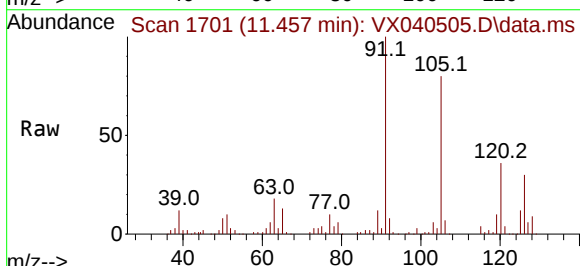
Manual Integrations
APPROVED

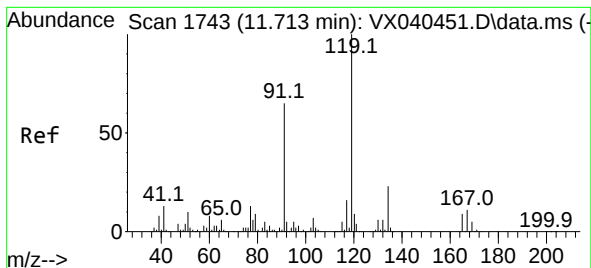
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#82
4-Chlorotoluene
Concen: 19.825 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

Tgt Ion: 91 Resp: 76068
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.987 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

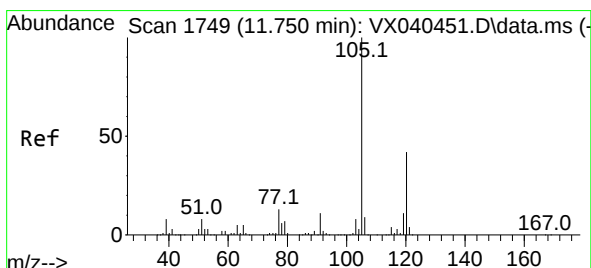
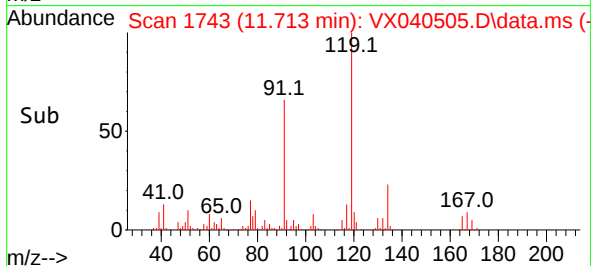
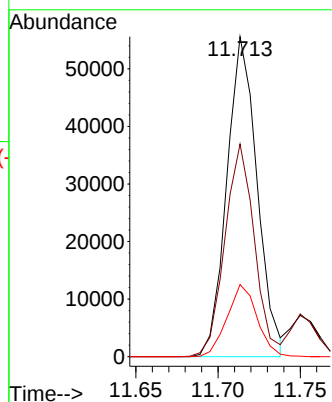
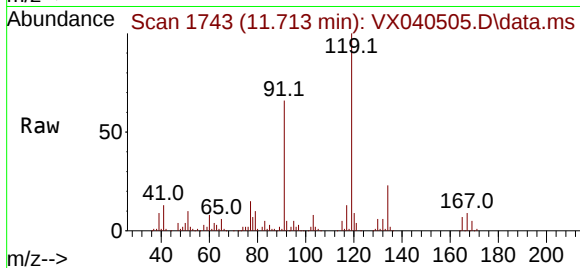
Tgt Ion:	119	Resp:	7121
Ion Ratio	Lower	Upper	
119	100		
91	65.1	31.2	93.6
134	22.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#84

1,2,4-Trimethylbenzene

Concen: 19.787 ug/l

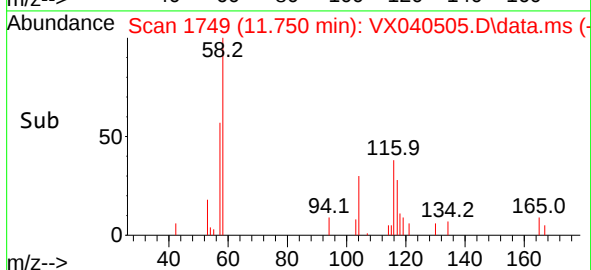
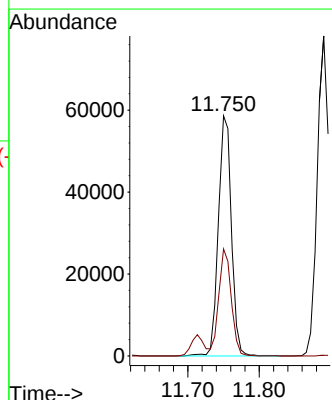
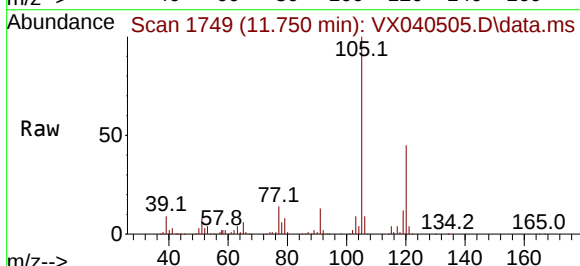
RT: 11.750 min Scan# 1749

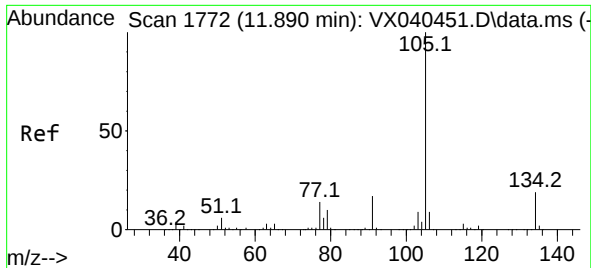
Delta R.T. 0.000 min

Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

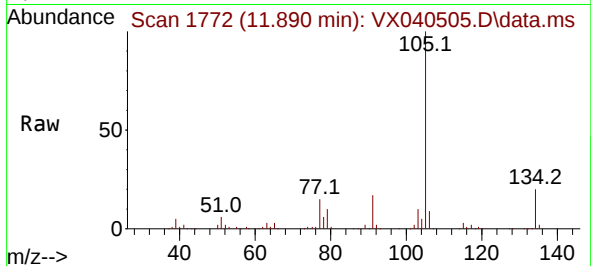
Tgt Ion:	105	Resp:	74191
Ion Ratio	Lower	Upper	
105	100		
120	43.3	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 19.888 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040505.D
 Acq: 28 Feb 2024 12:35

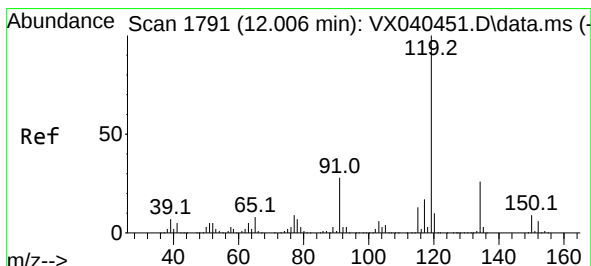
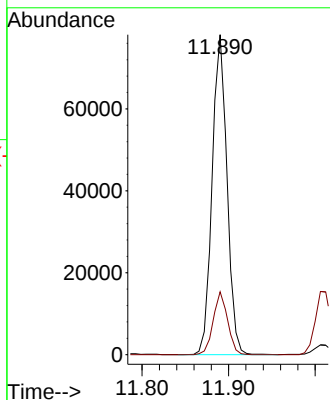
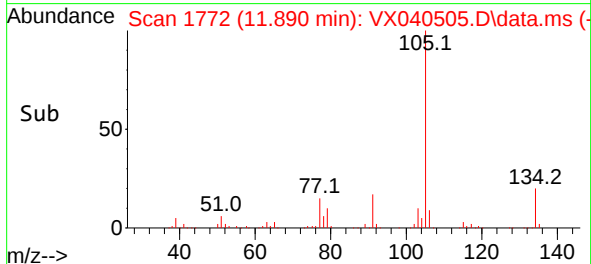
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01



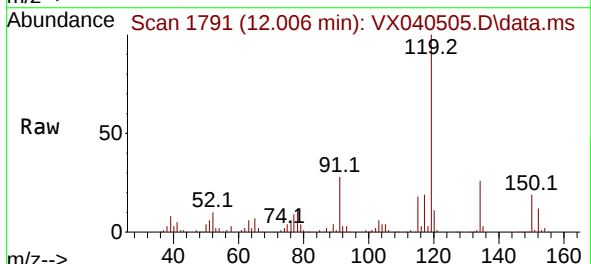
Tgt Ion:105 Resp: 93090
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

Manual Integrations
 APPROVED

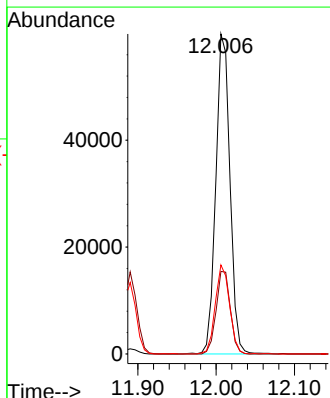
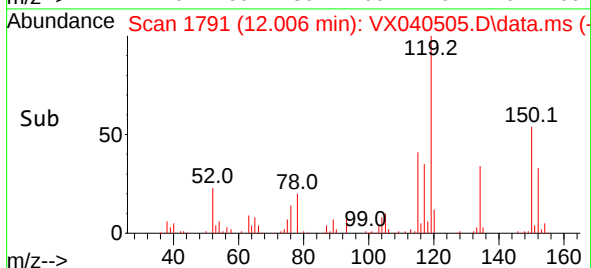
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024

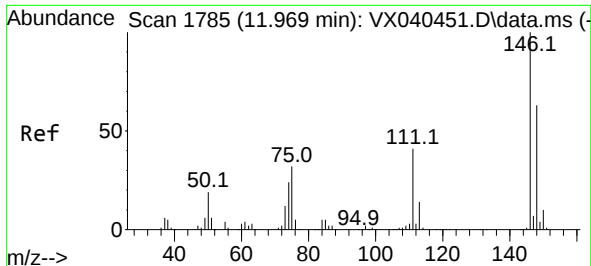


#86
 p-Isopropyltoluene
 Concen: 19.534 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040505.D
 Acq: 28 Feb 2024 12:35



Tgt Ion:119 Resp: 75364
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 28.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.232 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

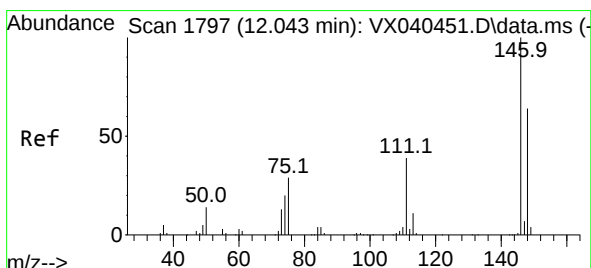
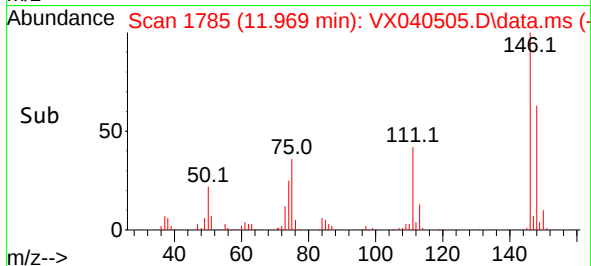
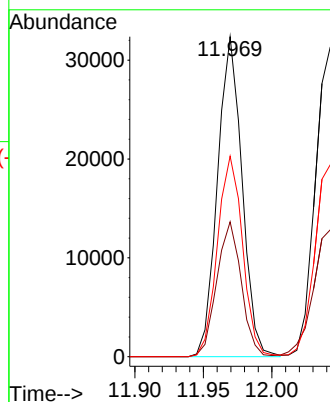
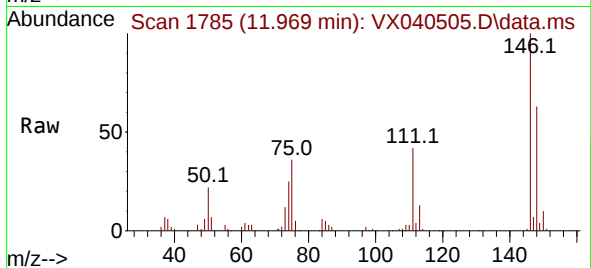
Tgt Ion:146 Resp: 40278
Ion Ratio Lower Upper
146 100
111 42.2 22.1 66.1
148 64.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#88

1,4-Dichlorobenzene

Concen: 19.079 ug/l

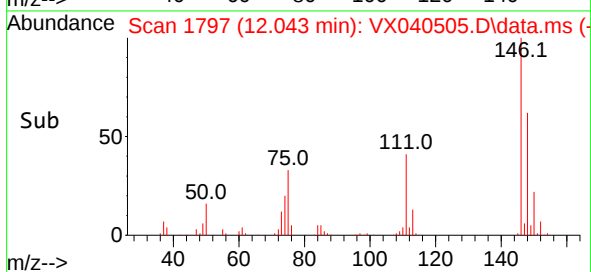
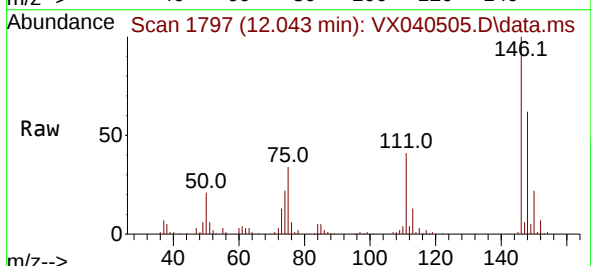
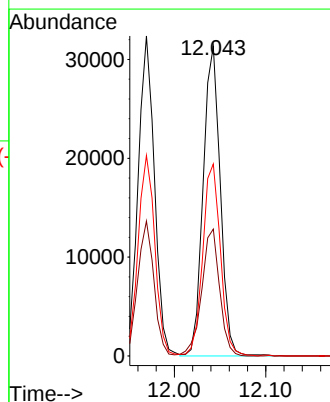
RT: 12.043 min Scan# 1797

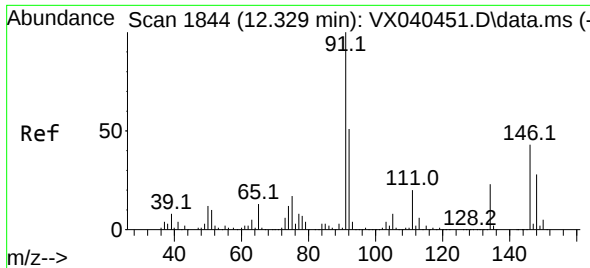
Delta R.T. 0.000 min

Lab File: VX040505.D

Acq: 28 Feb 2024 12:35

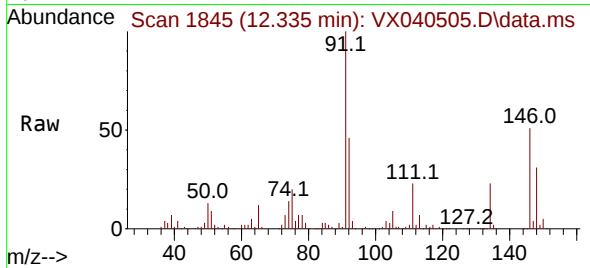
Tgt Ion:146 Resp: 40677
Ion Ratio Lower Upper
146 100
111 43.0 21.3 63.7
148 64.0 31.8 95.4





#89
n-Butylbenzene
Concen: 19.632 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

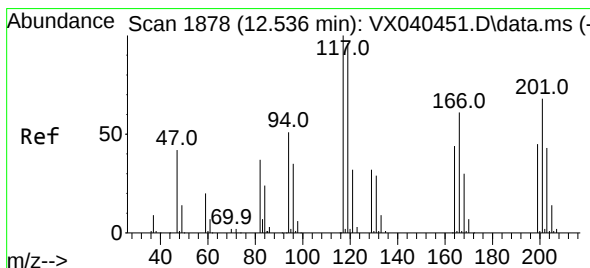
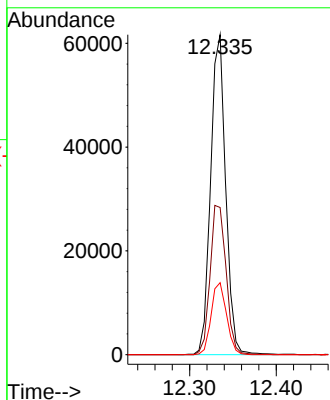
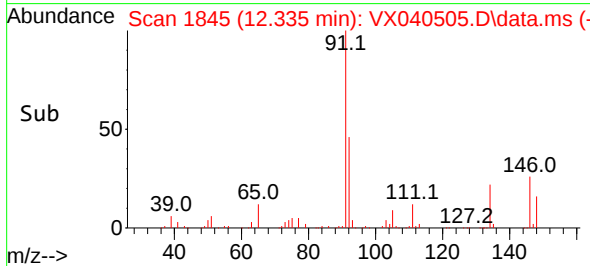
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



Tgt Ion: 91 Resp: 74520
Ion Ratio Lower Upper
91 100
92 49.7 27.4 82.0
134 23.0 12.6 37.8

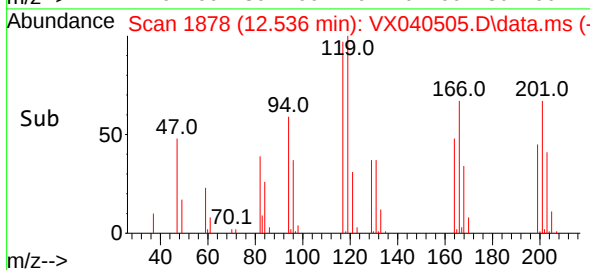
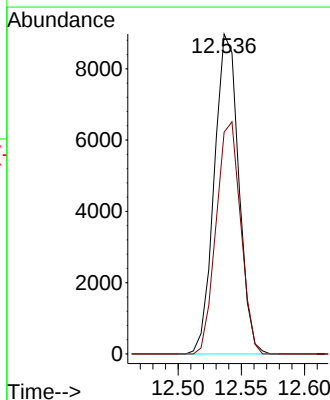
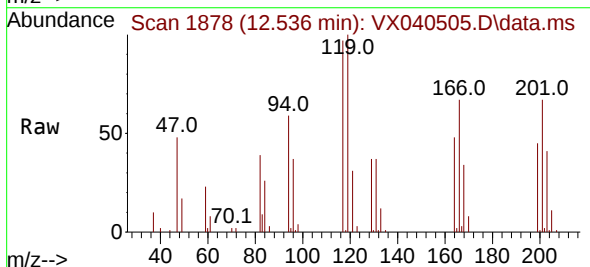
Manual Integrations
APPROVED

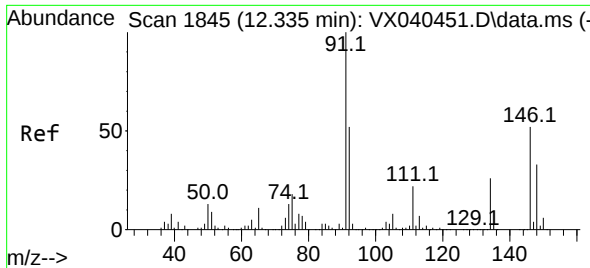
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#90
Hexachloroethane
Concen: 18.733 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

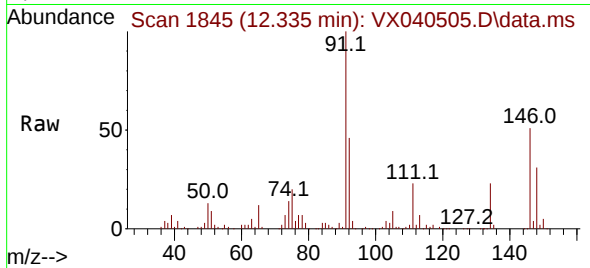
Tgt Ion:117 Resp: 12029
Ion Ratio Lower Upper
117 100
201 72.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.723 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

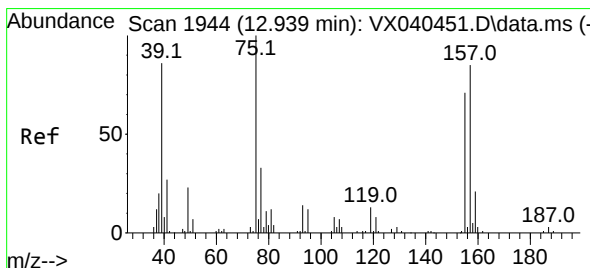
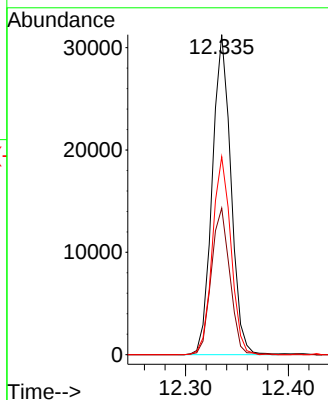
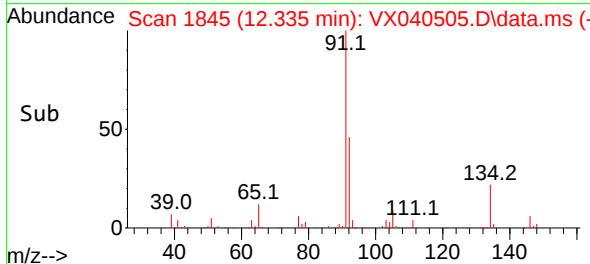
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



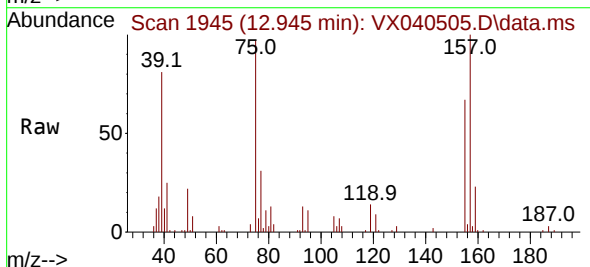
Tgt Ion:146 Resp: 3936
Ion Ratio Lower Upper
146 100
111 45.4 22.4 67.0
148 61.5 31.6 95.0

Manual Integrations
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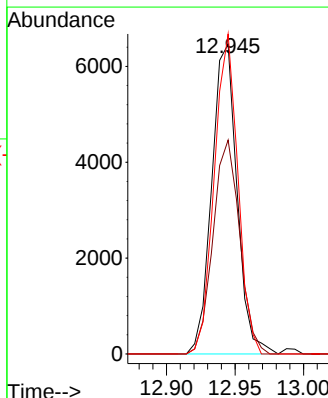
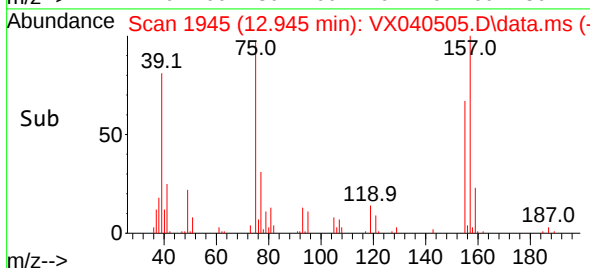
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

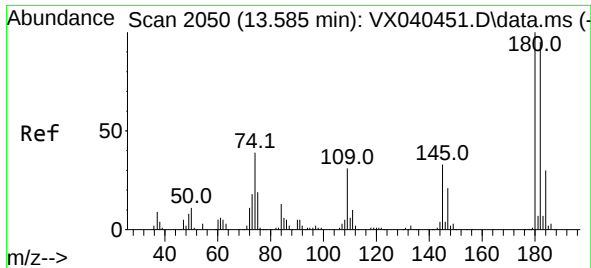


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.098 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35



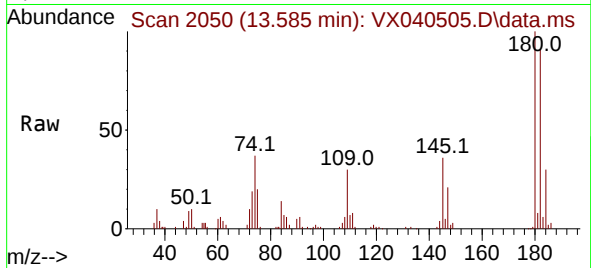
Tgt Ion: 75 Resp: 8279
Ion Ratio Lower Upper
75 100
155 72.9 36.1 108.5
157 96.3 44.9 134.7





#93
 1,2,4-Trichlorobenzene
 Concen: 20.350 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX040505.D
 Acq: 28 Feb 2024 12:35

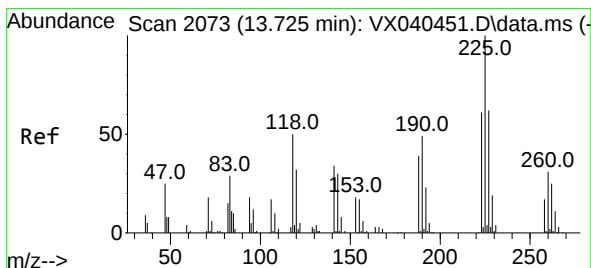
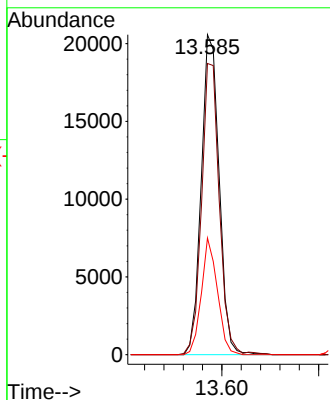
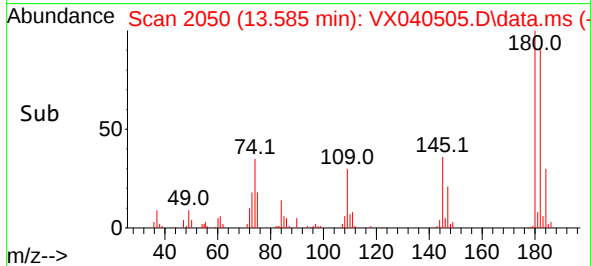
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01



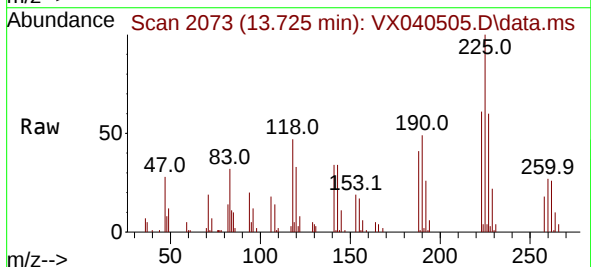
Tgt Ion:180 Resp: 26500
 Ion Ratio Lower Upper
 180 100
 182 90.7 48.3 144.8
 145 32.7 18.0 54.0

Manual Integrations
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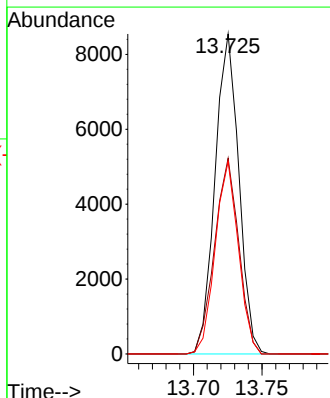
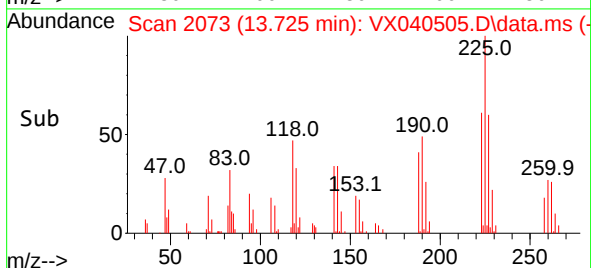
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024

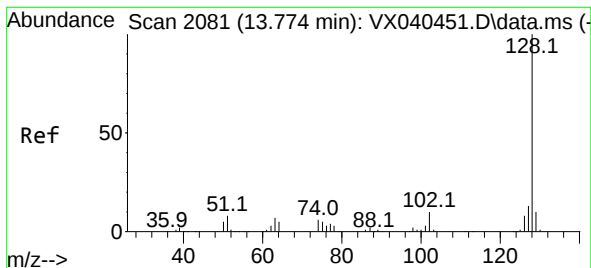


#94
 Hexachlorobutadiene
 Concen: 19.332 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX040505.D
 Acq: 28 Feb 2024 12:35



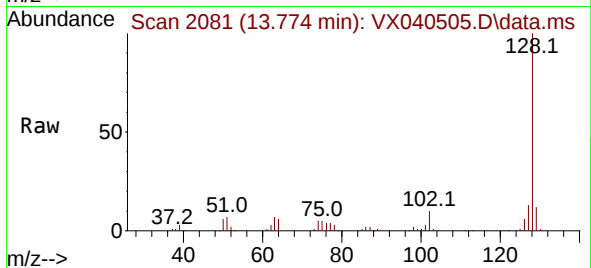
Tgt Ion:225 Resp: 10291
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.1 93.2
 227 58.6 32.5 97.5





#95
Naphthalene
Concen: 20.449 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35

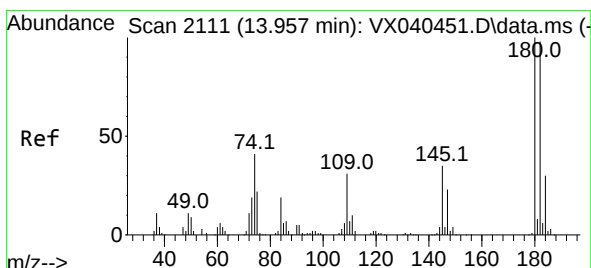
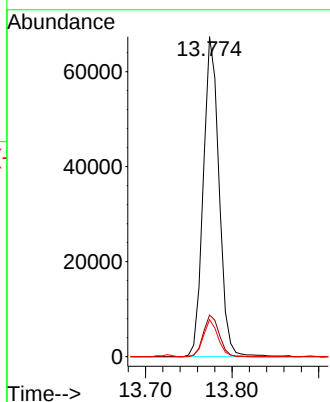
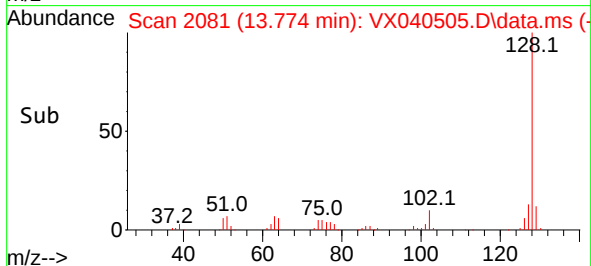
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01



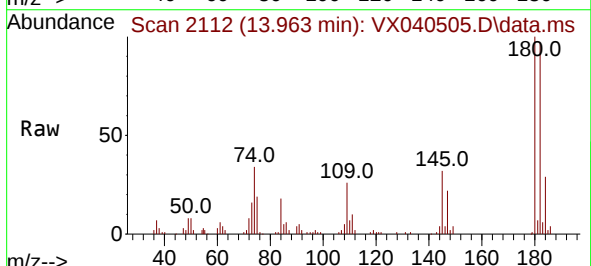
Tgt Ion:128 Resp: 85117
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#96
1,2,3-Trichlorobenzene
Concen: 20.594 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040505.D
Acq: 28 Feb 2024 12:35



Tgt Ion:180 Resp: 25498
Ion Ratio Lower Upper
180 100
182 93.5 46.9 140.6
145 33.6 17.8 53.5

