

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040504.D
 Acq On : 28 Feb 2024 12:10
 Operator : JC/MD
 Sample : VX0228WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Manual Integrations
 APPROVED

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

Quant Time: Feb 29 03:46:57 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	83887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143022	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70830	50.482	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.960%			
35) Dibromofluoromethane	5.385	113	49591	49.862	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.720%			
50) Toluene-d8	8.647	98	178598	49.471	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.940%			
62) 4-Bromofluorobenzene	11.079	95	69862	50.766	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20431	19.571	ug/l	96
3) Chloromethane	1.294	50	19713	19.038	ug/l	99
4) Vinyl Chloride	1.374	62	20911	18.675	ug/l	99
5) Bromomethane	1.605	94	15195	24.419	ug/l	94
6) Chloroethane	1.685	64	13850	19.545	ug/l	98
7) Trichlorofluoromethane	1.886	101	36134	20.432	ug/l	93
8) Diethyl Ether	2.136	74	12676	20.506	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	19005	19.964	ug/l	97
10) Methyl Iodide	2.453	142	18961	21.361	ug/l	99
11) Tert butyl alcohol	2.959	59	27326	115.856	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	17738	18.559	ug/l	89
13) Acrolein	2.233	56	21714	143.596	ug/l	97
14) Allyl chloride	2.666	41	32954	19.708	ug/l	94
15) Acrylonitrile	3.062	53	61571	104.069	ug/l	98
16) Acetone	2.380	43	57149	124.899	ug/l	100
17) Carbon Disulfide	2.514	76	44471	16.803	ug/l	99
18) Methyl Acetate	2.703	43	31753	22.510	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	65697	20.152	ug/l	94
20) Methylene Chloride	2.788	84	20557	18.774	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	19567	19.197	ug/l	95
22) Diisopropyl ether	3.764	45	65900	19.612	ug/l	96
23) Vinyl Acetate	3.721	43	304309	98.867	ug/l	100
24) 1,1-Dichloroethane	3.611	63	37989	19.388	ug/l	99
25) 2-Butanone	4.556	43	89813	112.659	ug/l	96
26) 2,2-Dichloropropane	4.477	77	30807	19.747	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	22417	18.799	ug/l	98
28) Bromochloromethane	4.904	49	14883	18.158	ug/l	98
29) Tetrahydrofuran	5.001	42	57915	104.136	ug/l	97
30) Chloroform	5.093	83	41490	19.949	ug/l	100
31) Cyclohexane	5.471	56	29754	18.718	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	35617	20.064	ug/l	98
36) 1,1-Dichloropropene	5.696	75	29152	19.025	ug/l	100
37) Ethyl Acetate	4.715	43	33172	19.781	ug/l	100
38) Carbon Tetrachloride	5.672	117	28764	19.431	ug/l	93
39) Methylcyclohexane	7.379	83	31023	18.752	ug/l	99
40) Benzene	6.044	78	81276	19.591	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18908	20.185	ug/l	95
42) 1,2-Dichloroethane	6.086	62	36209	21.088	ug/l	98
43) Isopropyl Acetate	6.342	43	54035	20.535	ug/l	97
44) Trichloroethene	7.129	130	21687	19.438	ug/l	100
45) 1,2-Dichloropropane	7.428	63	21776	19.613	ug/l	99
46) Dibromomethane	7.580	93	16760	20.532	ug/l	98
47) Bromodichloromethane	7.824	83	31719	19.735	ug/l	100
48) Methyl methacrylate	7.696	41	27157	20.648	ug/l	91
49) 1,4-Dioxane	7.653	88	11551	464.274	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	186268	107.065	ug/l	98
52) Toluene	8.720	92	50904	19.993	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	32243	19.768	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	34349	19.592	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	22245	21.053	ug/l	99
56) Ethyl methacrylate	9.116	69	32970	20.182	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	37345	20.292	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	88231	103.005	ug/l	95
59) 2-Hexanone	9.427	43	148720	111.184	ug/l	97
60) Dibromochloromethane	9.519	129	23019	20.057	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23813	20.653	ug/l	99
64) Tetrachloroethene	9.275	164	18765	19.414	ug/l	94
65) Chlorobenzene	10.079	112	54827	18.723	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	20615	19.976	ug/l	98
67) Ethyl Benzene	10.195	91	103559	19.319	ug/l	99
68) m/p-Xylenes	10.299	106	76178	38.056	ug/l	95
69) o-Xylene	10.640	106	35844	18.722	ug/l	90
70) Styrene	10.653	104	62330	19.530	ug/l	99
71) Bromoform	10.799	173	16588	19.636	ug/l #	100
73) Isopropylbenzene	10.963	105	99972	19.643	ug/l	99
74) N-amyl acetate	10.842	43	45288	19.159	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	35663	19.376	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31220m	20.527	ug/l	
77) Bromobenzene	11.195	156	23450	19.486	ug/l	97
78) n-propylbenzene	11.305	91	121306	19.215	ug/l	98
79) 2-Chlorotoluene	11.366	91	72242	19.009	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	85501	19.753	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	9066	19.858	ug/l	94
82) 4-Chlorotoluene	11.451	91	85013	19.345	ug/l	99
83) tert-Butylbenzene	11.713	119	78808	19.312	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	85368	19.878	ug/l	99
85) sec-Butylbenzene	11.890	105	105776	19.731	ug/l	100
86) p-Isopropyltoluene	12.006	119	86224	19.512	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	45650	19.031	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	46130	18.891	ug/l	98
89) n-Butylbenzene	12.335	91	82973	19.085	ug/l	95
90) Hexachloroethane	12.536	117	13762	18.712	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	44272	19.368	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9315	21.708	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	29478	19.760	ug/l	95
94) Hexachlorobutadiene	13.725	225	11829	19.401	ug/l	98
95) Naphthalene	13.774	128	96642	20.272	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28273	19.937	ug/l	97

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Instrument :
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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

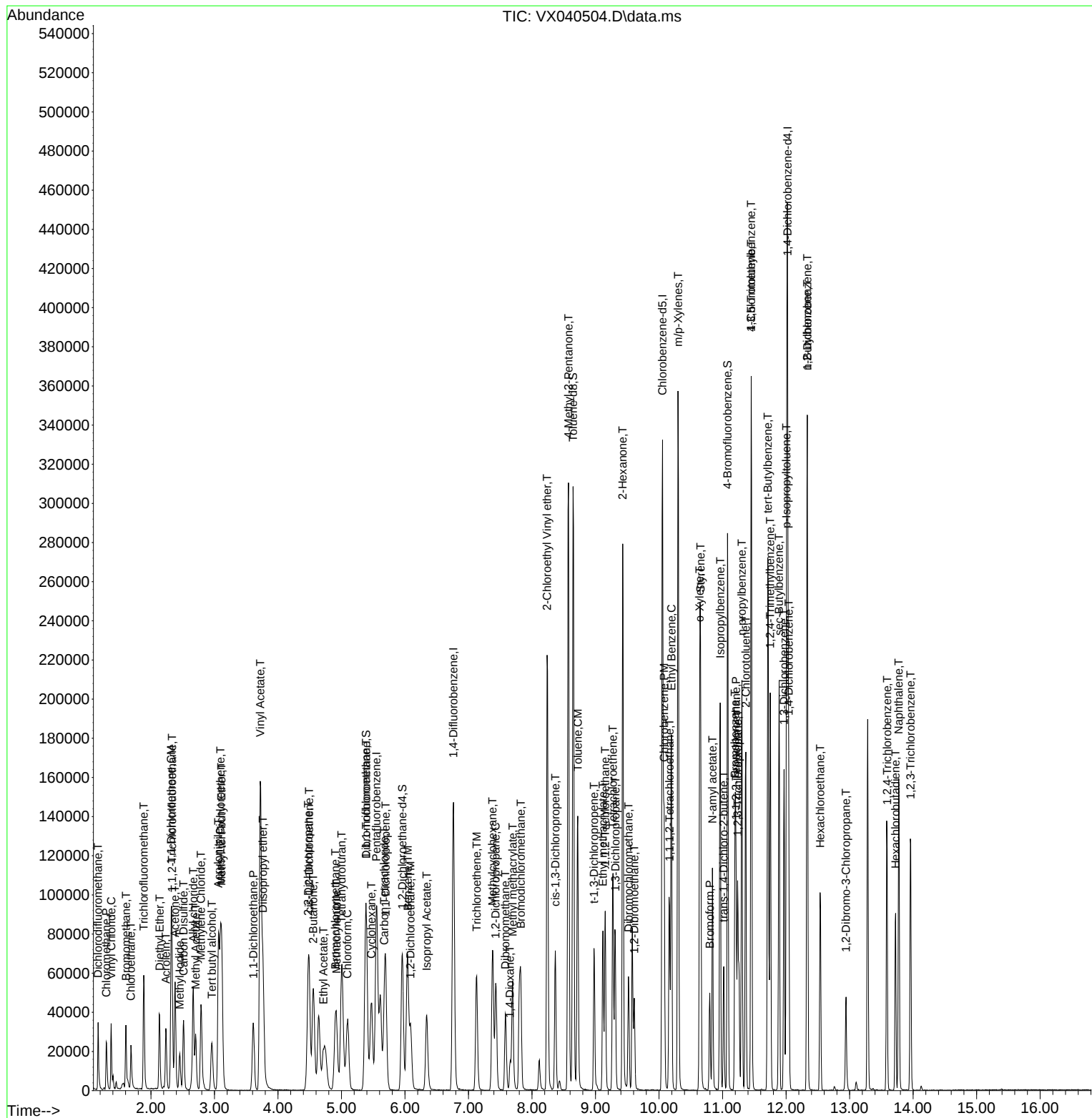
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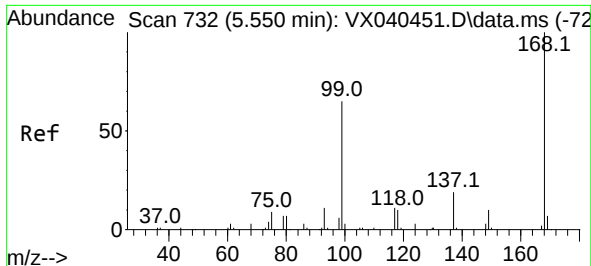
Instrument :
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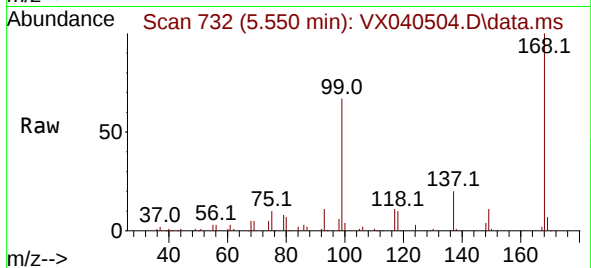
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

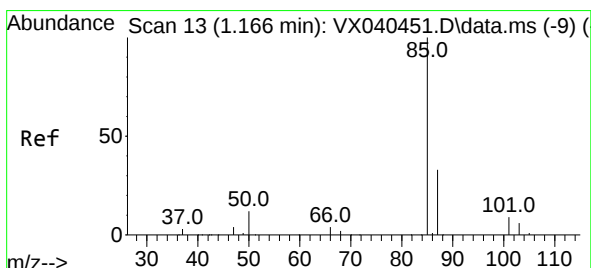
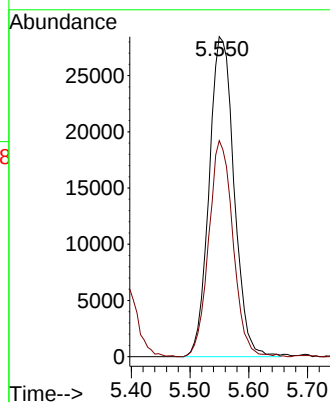
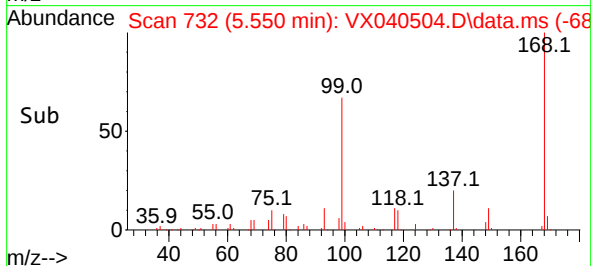
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion:168 Resp: 8388
Ion Ratio Lower Upper
168 100
99 67.5 56.6 85.0

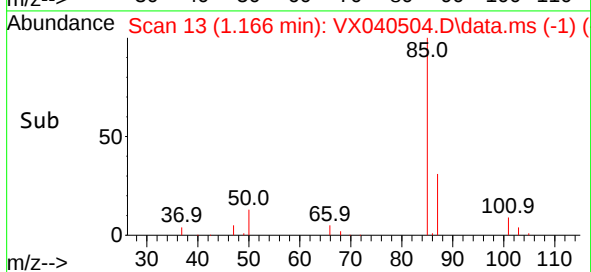
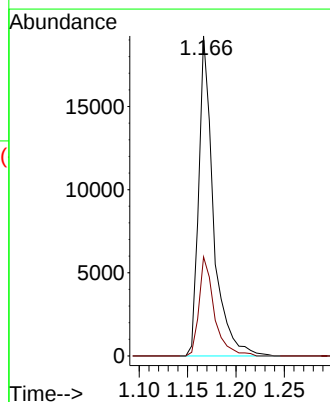
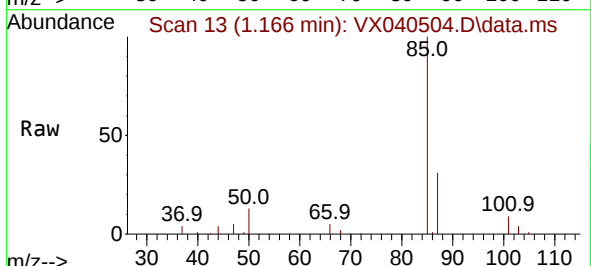
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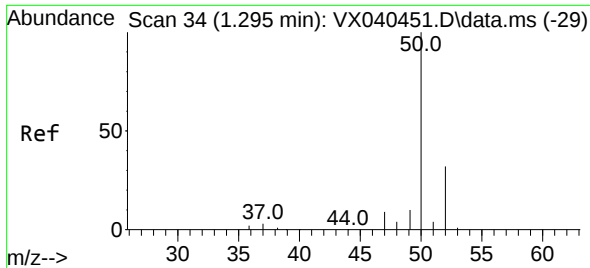
Reviewed By :John Carlone 02/29/2024
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#2
Dichlorodifluoromethane
Concen: 19.571 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

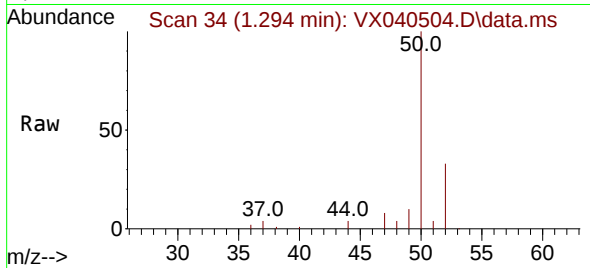
Tgt Ion: 85 Resp: 20431
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.1





#3
Chloromethane
Concen: 19.038 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

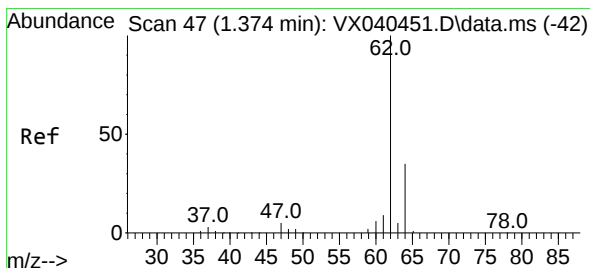
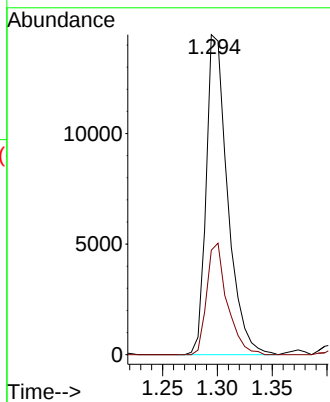
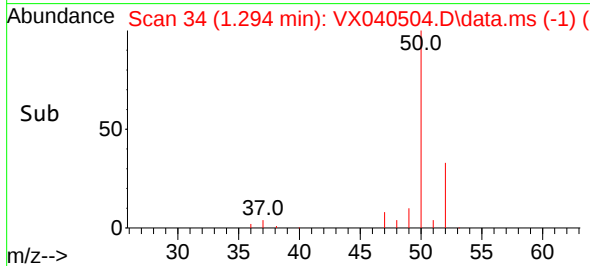
Instrument :
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Tgt Ion: 50 Resp: 1971
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

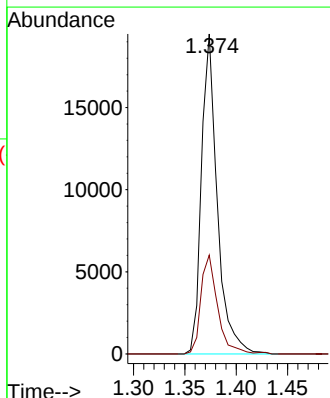
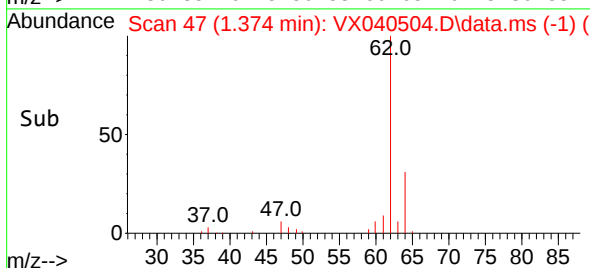
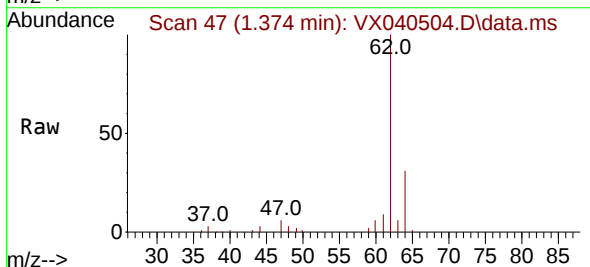
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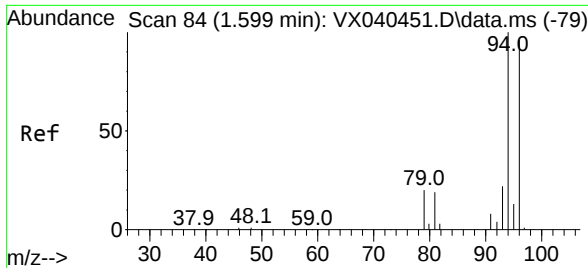
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#4
Vinyl Chloride
Concen: 18.675 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

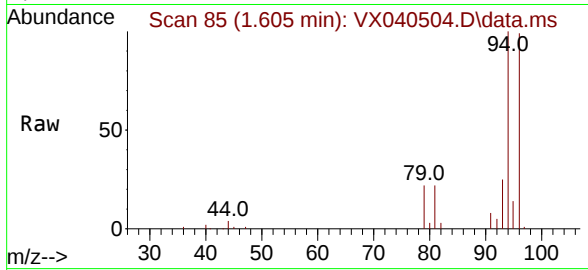
Tgt Ion: 62 Resp: 20911
Ion Ratio Lower Upper
62 100
64 30.9 25.4 38.0





#5
Bromomethane
Concen: 24.419 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

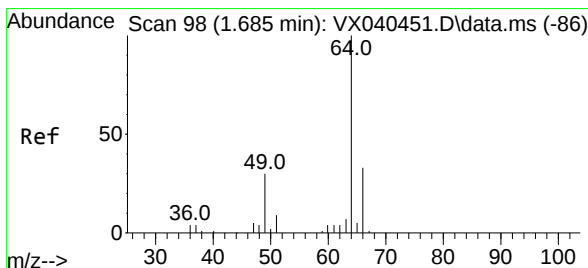
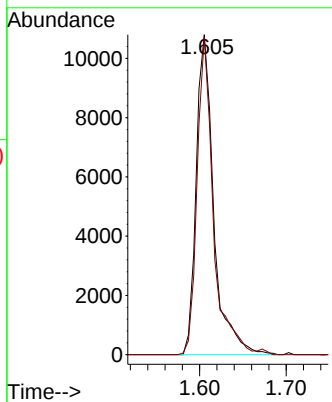
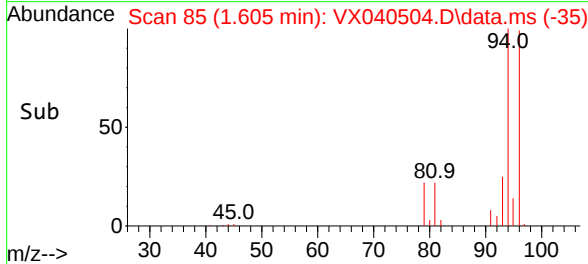
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Tgt Ion: 94 Resp: 1519
Ion Ratio Lower Upper
94 100
96 99.3 74.6 111.8

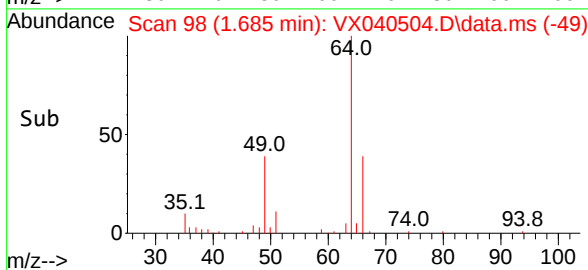
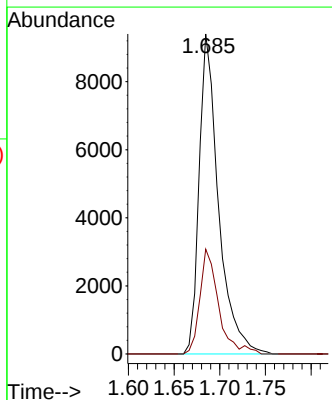
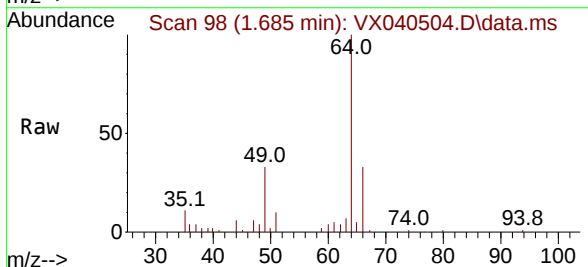
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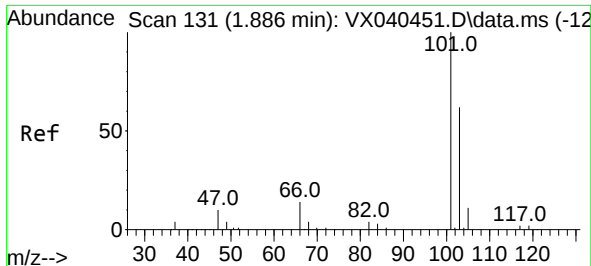
Reviewed By :John Carlone 02/29/2024
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#6
Chloroethane
Concen: 19.545 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

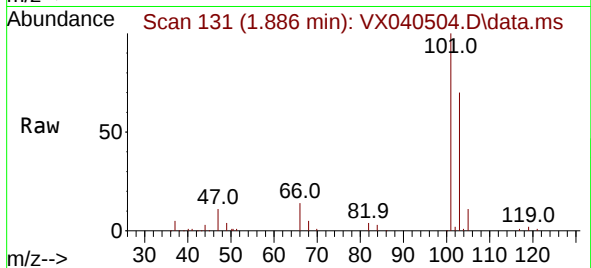
Tgt Ion: 64 Resp: 13850
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 20.432 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX040504.D
 Acq: 28 Feb 2024 12:10

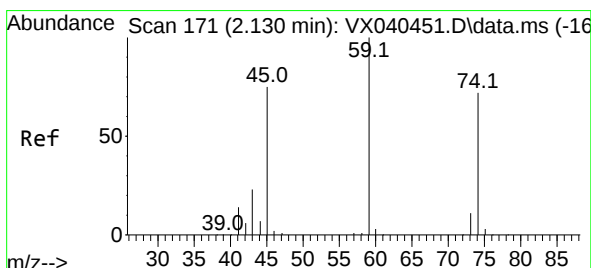
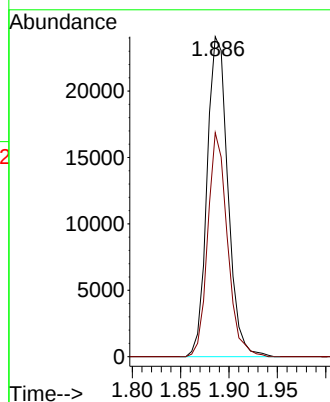
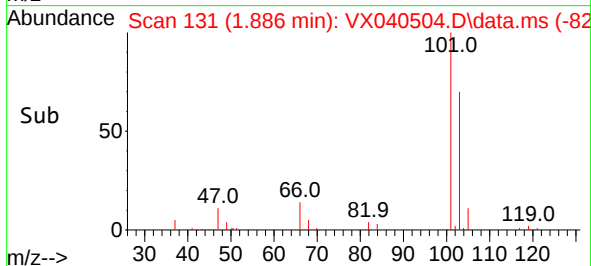
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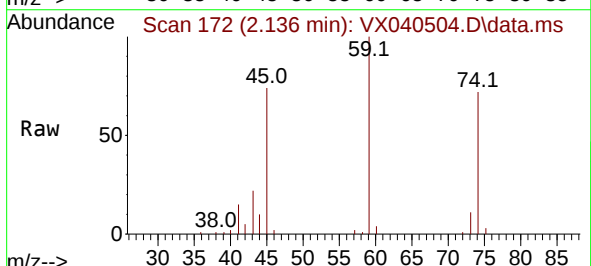
Tgt Ion:101 Resp: 36134
 Ion Ratio Lower Upper
 101 100
 103 70.0 51.4 77.2

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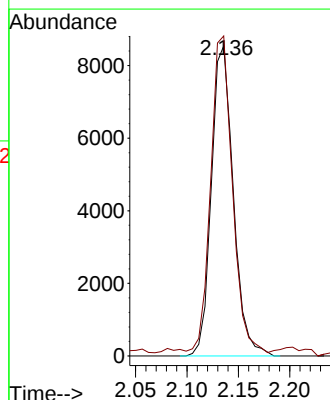
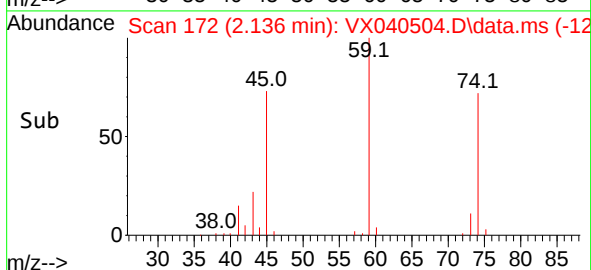
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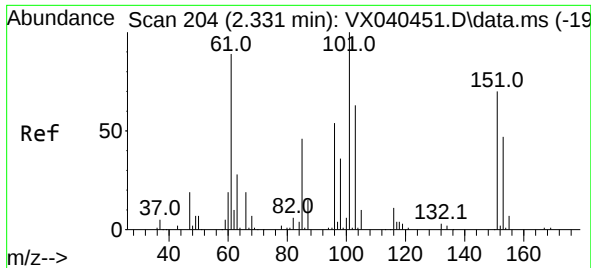


#8
 Diethyl Ether
 Concen: 20.506 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX040504.D
 Acq: 28 Feb 2024 12:10



Tgt Ion: 74 Resp: 12676
 Ion Ratio Lower Upper
 74 100
 45 101.6 53.3 159.8





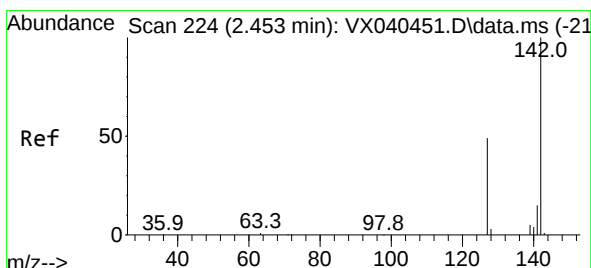
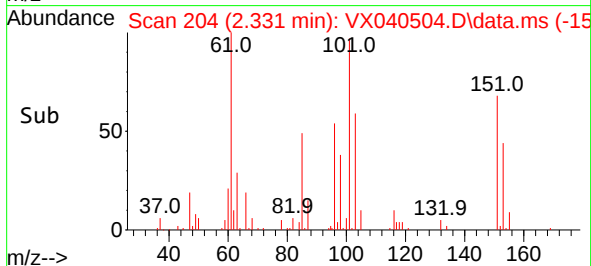
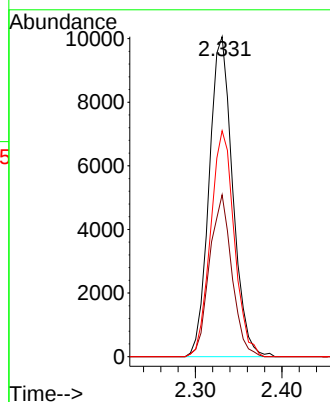
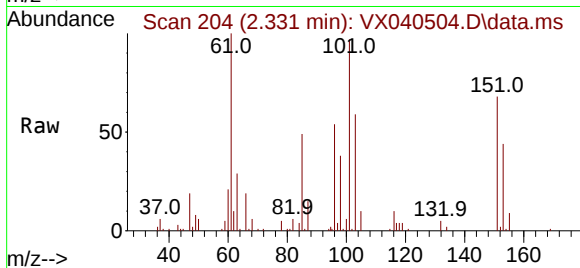
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.964 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion:101 Resp: 1900
Ion Ratio Lower Upper
101 100
85 48.1 37.0 55.6
151 71.0 58.6 87.8

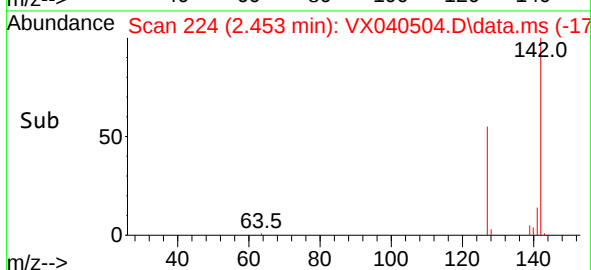
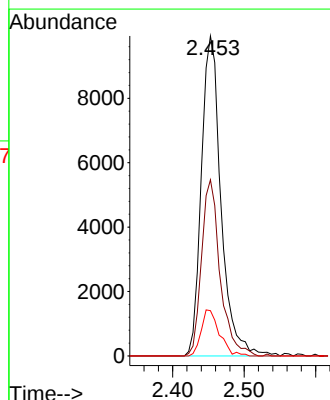
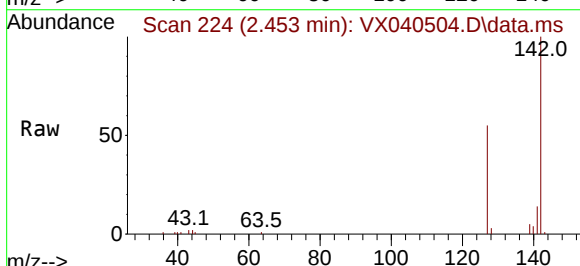
Manual Integrations
APPROVED

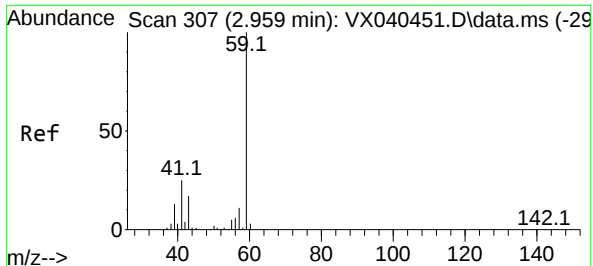
Reviewed By :John Carbone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#10
Methyl Iodide
Concen: 21.361 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

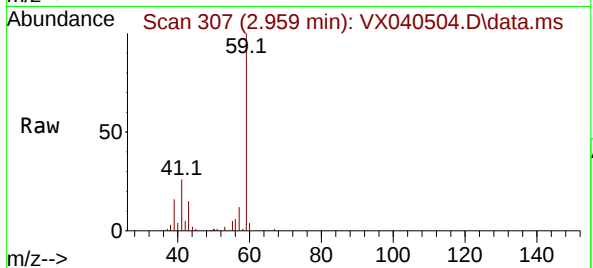
Tgt Ion:142 Resp: 18961
Ion Ratio Lower Upper
142 100
127 52.1 41.6 62.4
141 13.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 115.856 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

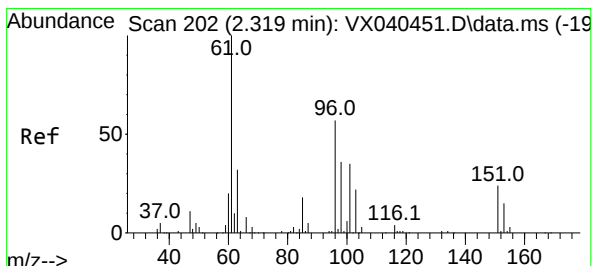
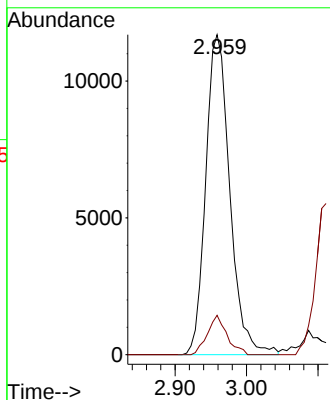
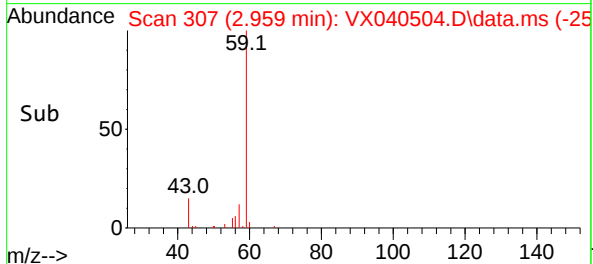
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



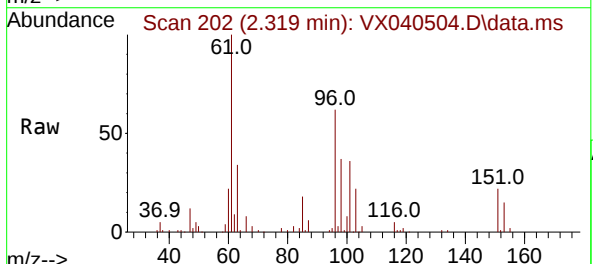
Tgt Ion: 59 Resp: 27320
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0

Manual Integrations
APPROVED

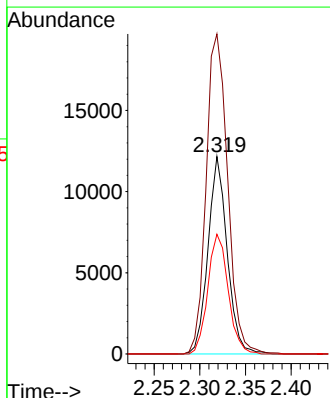
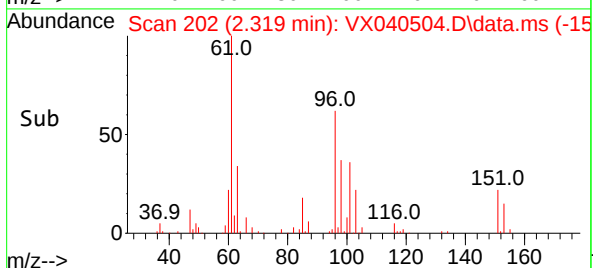
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

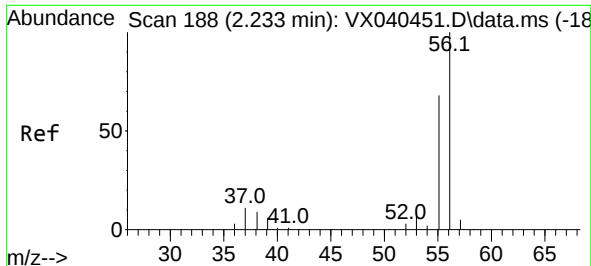


#12
1,1-Dichloroethene
Concen: 18.559 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10



Tgt Ion: 96 Resp: 17738
Ion Ratio Lower Upper
96 100
61 162.0 144.6 216.8
98 60.6 50.4 75.6





#13

Acrolein

Concen: 143.596 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040504.D

Acq: 28 Feb 2024 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

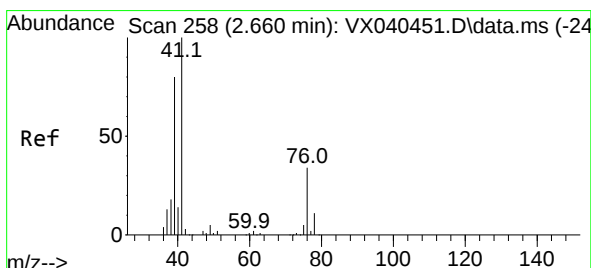
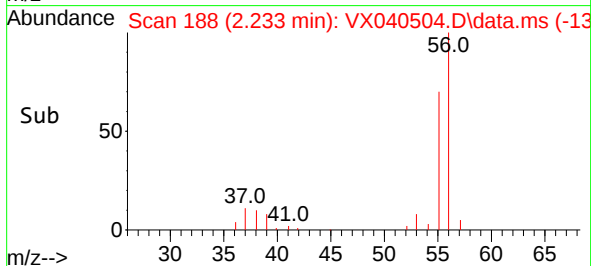
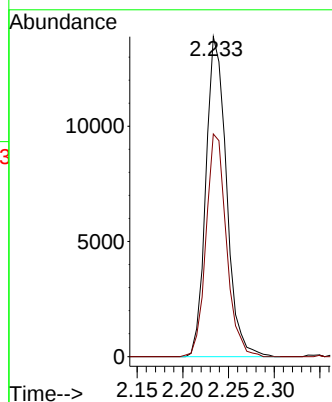
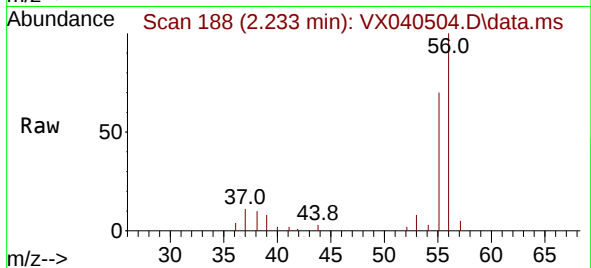
Tgt Ion: 56 Resp: 21714
 Ion Ratio Lower Upper
 56 100
 55 68.9 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#14

Allyl chloride

Concen: 19.708 ug/l

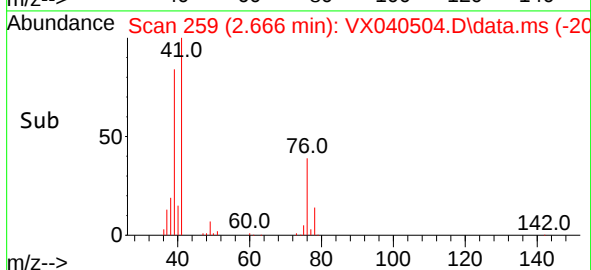
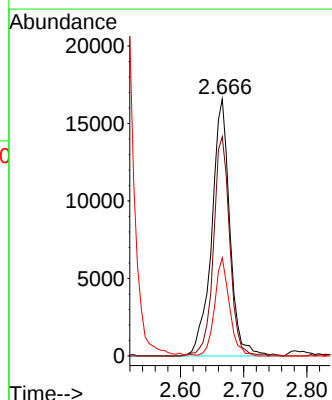
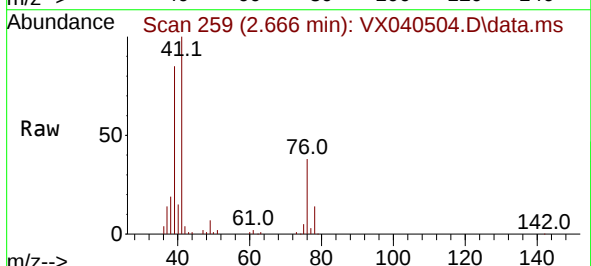
RT: 2.666 min Scan# 259

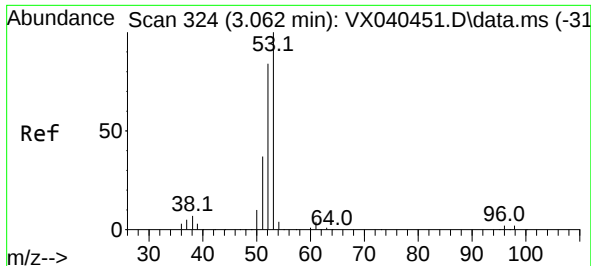
Delta R.T. 0.006 min

Lab File: VX040504.D

Acq: 28 Feb 2024 12:10

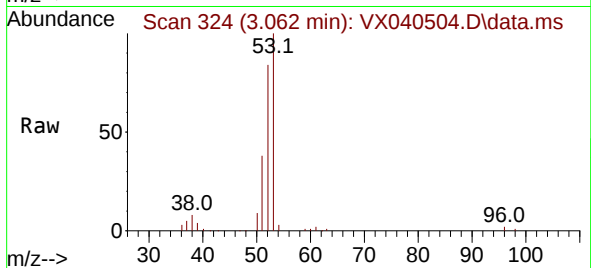
Tgt Ion: 41 Resp: 32954
 Ion Ratio Lower Upper
 41 100
 39 76.7 55.8 83.6
 76 31.3 24.3 36.5





#15
Acrylonitrile
Concen: 104.069 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

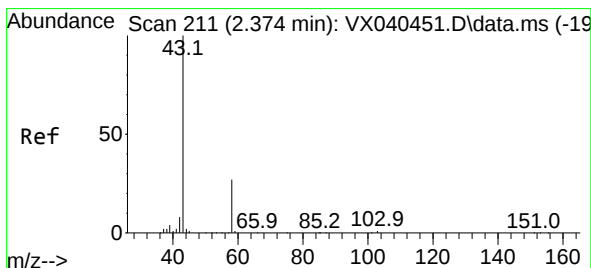
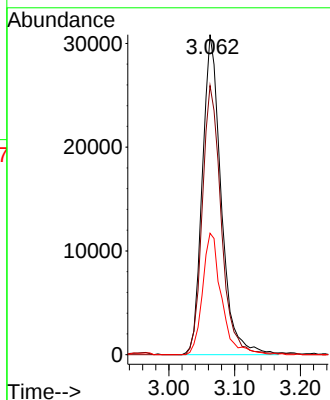
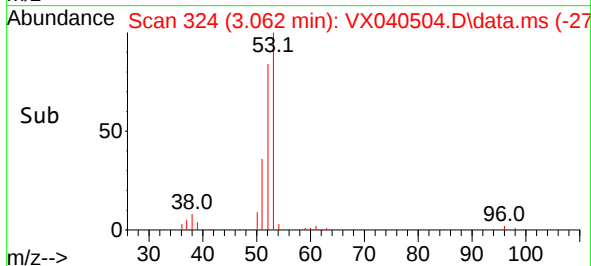
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion: 53 Resp: 6157
Ion Ratio Lower Upper
53 100
52 84.4 66.0 99.0
51 38.0 29.8 44.6

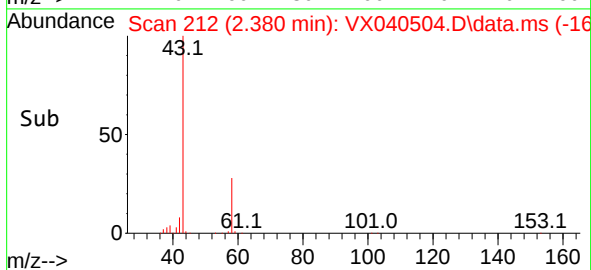
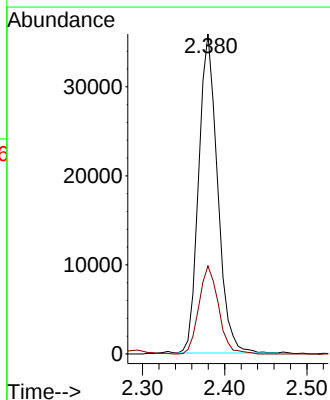
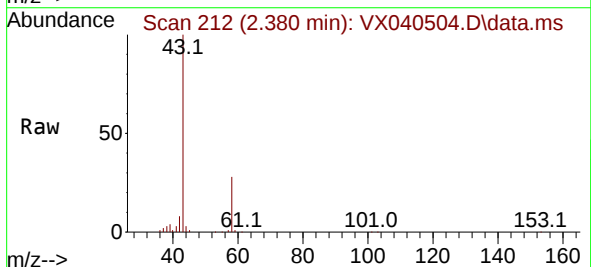
Manual Integrations
APPROVED

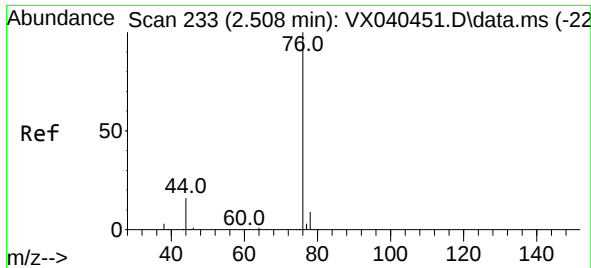
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#16
Acetone
Concen: 124.899 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Tgt Ion: 43 Resp: 57149
Ion Ratio Lower Upper
43 100
58 27.6 21.9 32.9





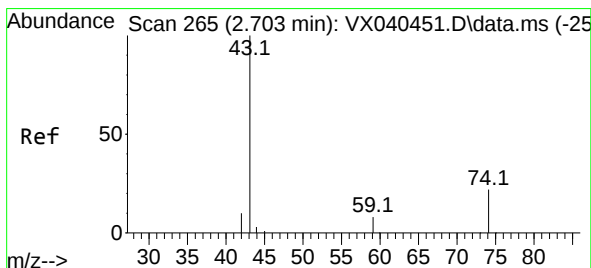
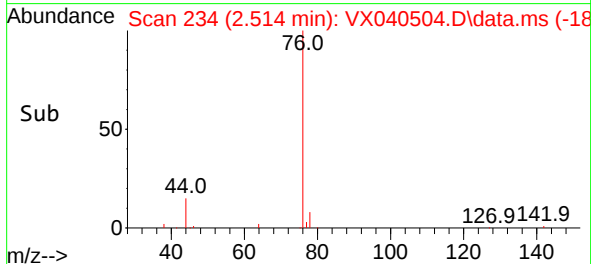
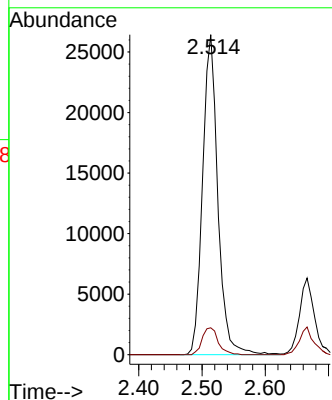
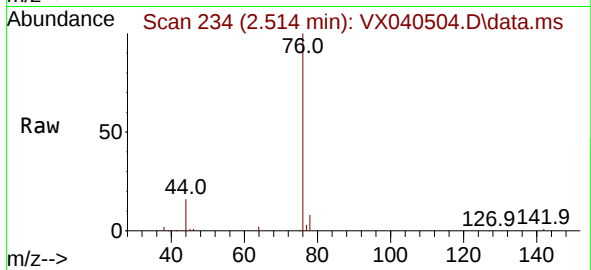
#17
Carbon Disulfide
Concen: 16.803 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 76 Resp: 4447
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6

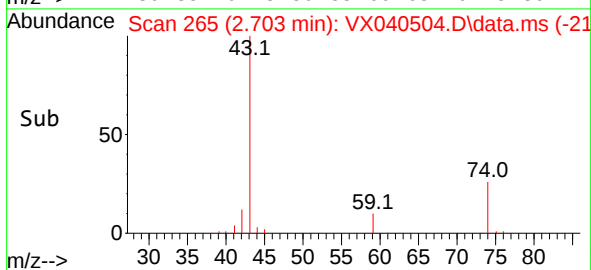
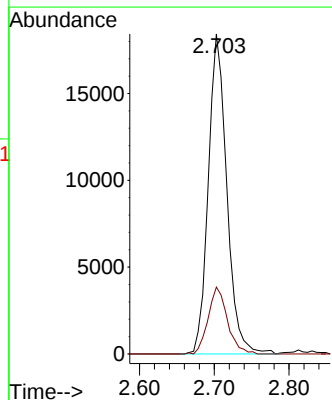
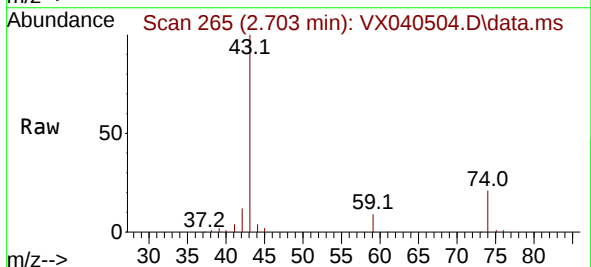
Manual Integrations
APPROVED

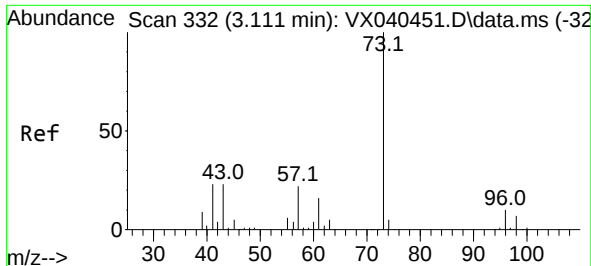
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#18
Methyl Acetate
Concen: 22.510 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Tgt Ion: 43 Resp: 31753
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.8





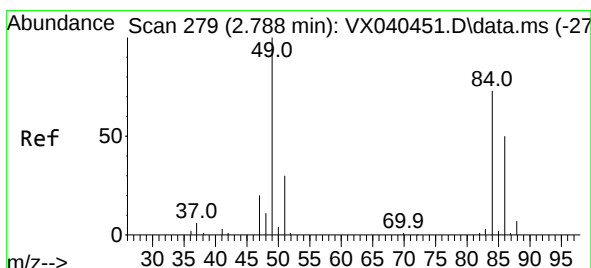
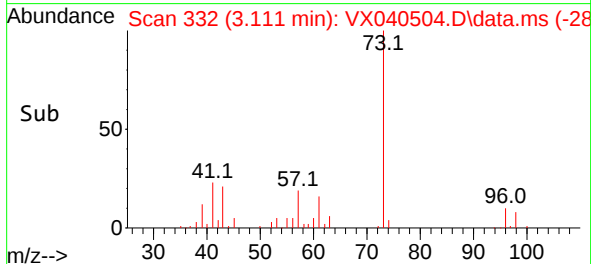
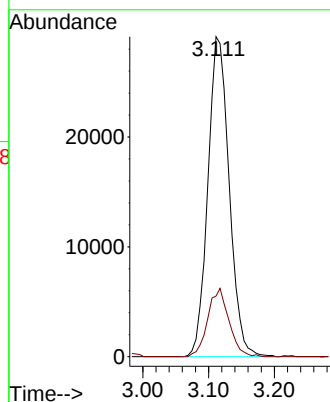
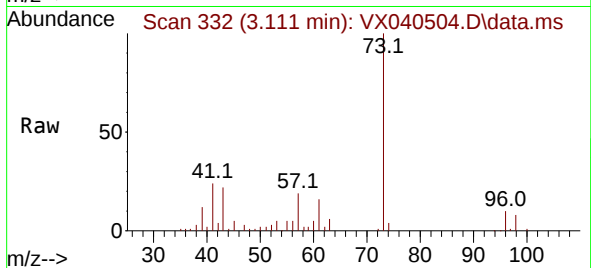
#19
Methyl tert-butyl Ether
Concen: 20.152 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 73 Resp: 6569
Ion Ratio Lower Upper
73 100
57 19.0 17.3 25.9

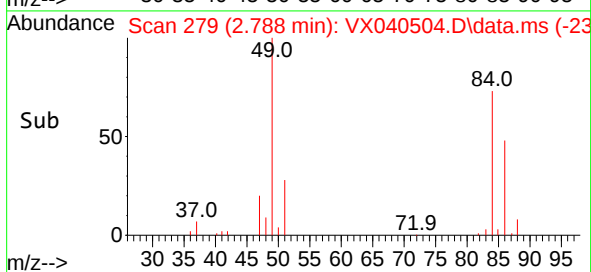
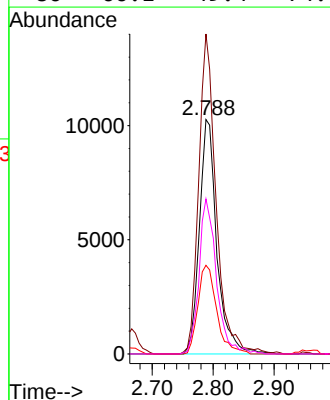
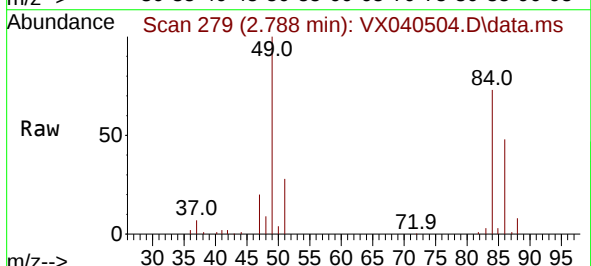
Manual Integrations
APPROVED

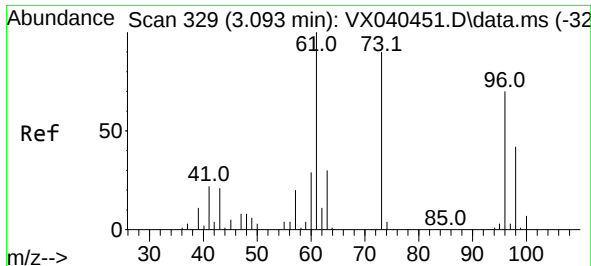
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#20
Methylene Chloride
Concen: 18.774 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Tgt Ion: 84 Resp: 20557
Ion Ratio Lower Upper
84 100
49 136.5 103.6 155.4
51 37.9 33.8 50.6
86 66.1 49.4 74.0





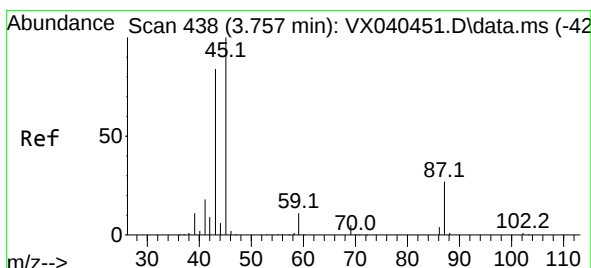
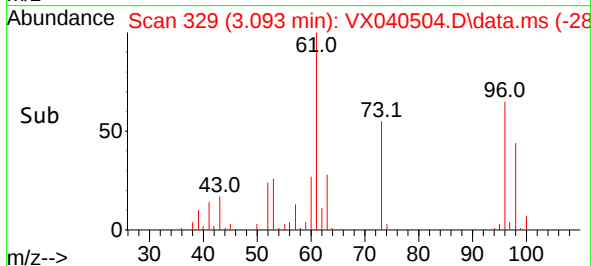
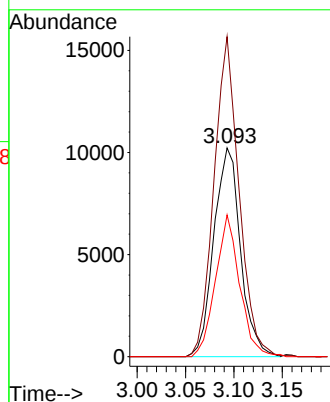
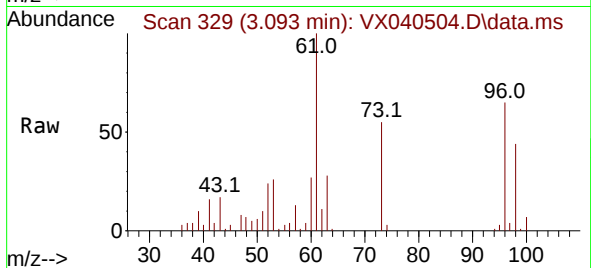
#21
trans-1,2-Dichloroethene
Concen: 19.197 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 96 Resp: 1956
Ion Ratio Lower Upper
96 100
61 153.3 119.2 178.8
98 67.9 48.7 73.1

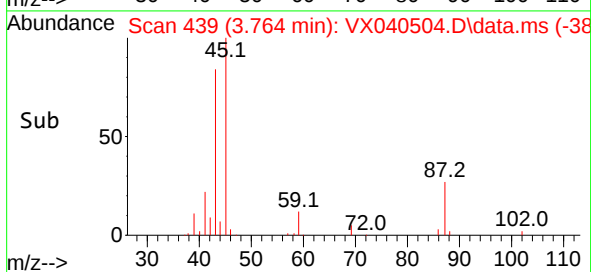
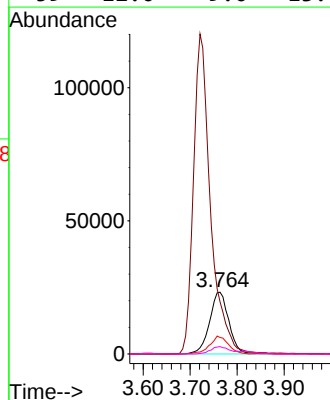
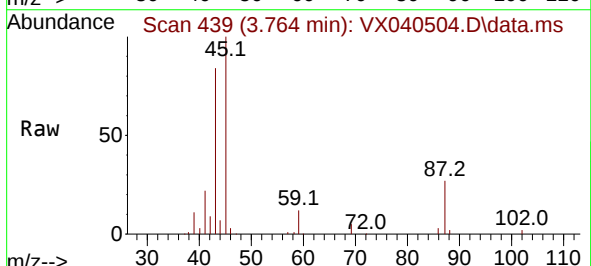
Manual Integrations
APPROVED

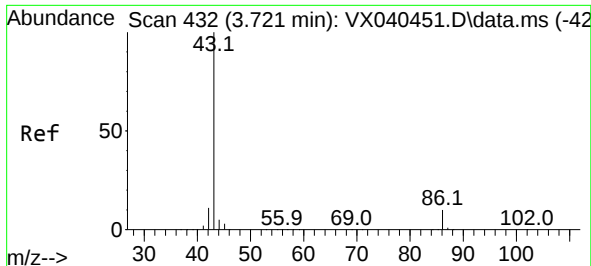
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#22
Diisopropyl ether
Concen: 19.612 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Tgt Ion: 45 Resp: 65900
Ion Ratio Lower Upper
45 100
43 82.9 69.7 104.5
87 26.7 20.8 31.2
59 12.0 9.0 13.4





#23

Vinyl Acetate

Concen: 98.867 ug/l

RT: 3.721 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX040504.D

Acq: 28 Feb 2024 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tgt Ion: 43 Resp: 304309

Ion Ratio Lower Upper

43 100

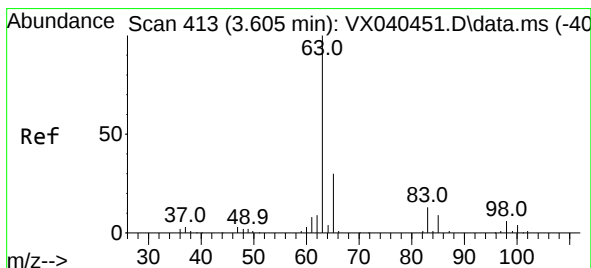
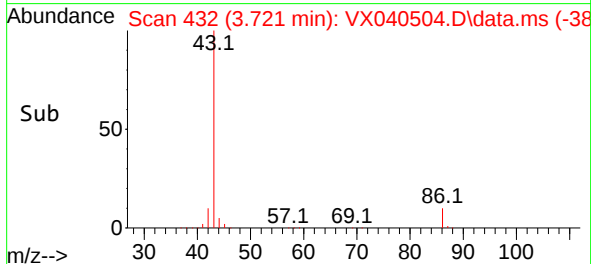
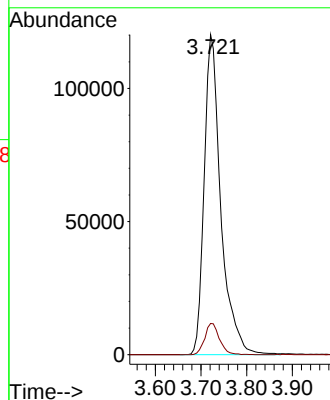
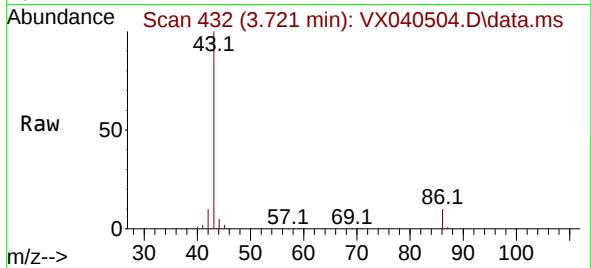
86 9.7 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#24

1,1-Dichloroethane

Concen: 19.388 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX040504.D

Acq: 28 Feb 2024 12:10

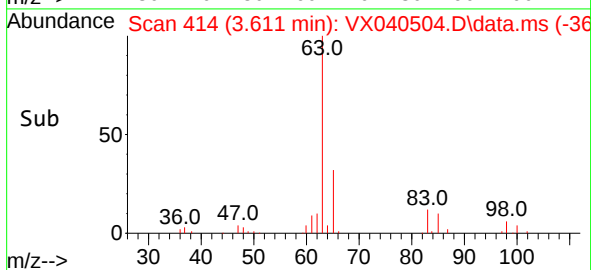
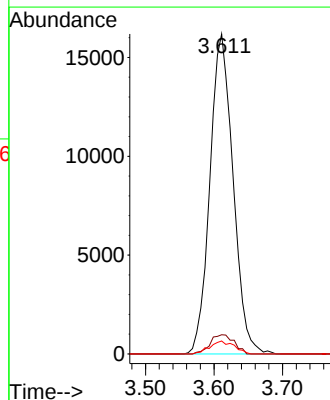
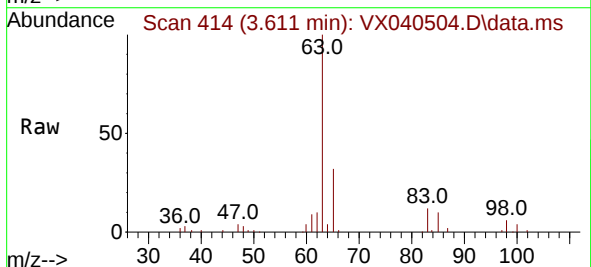
Tgt Ion: 63 Resp: 37989

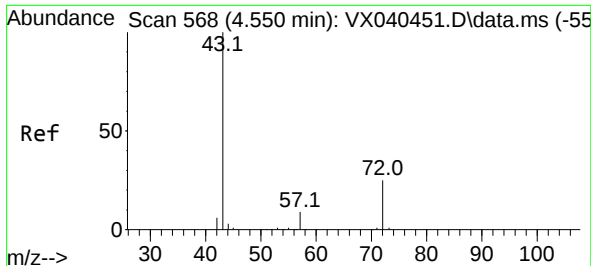
Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

100 4.1 2.1 6.5





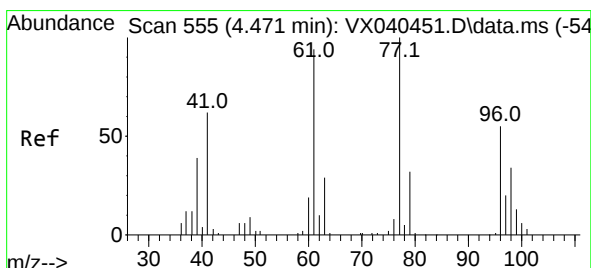
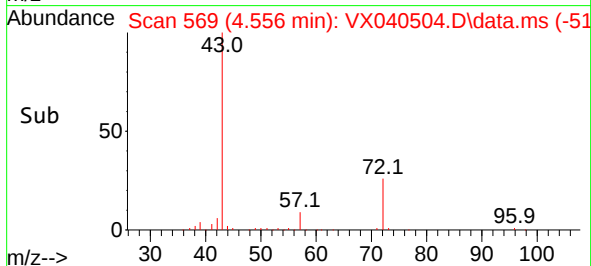
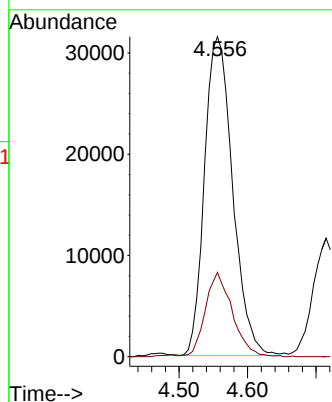
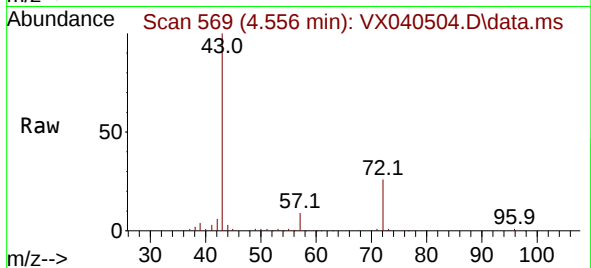
#25
2-Butanone
Concen: 112.659 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 43 Resp: 8981
Ion Ratio Lower Upper
43 100
72 26.1 19.4 29.2

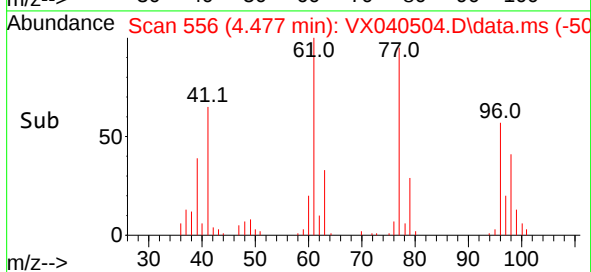
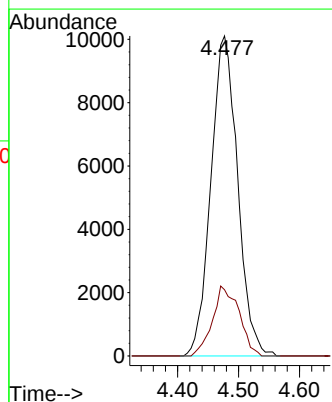
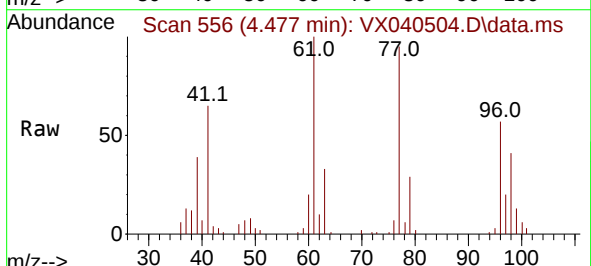
Manual Integrations
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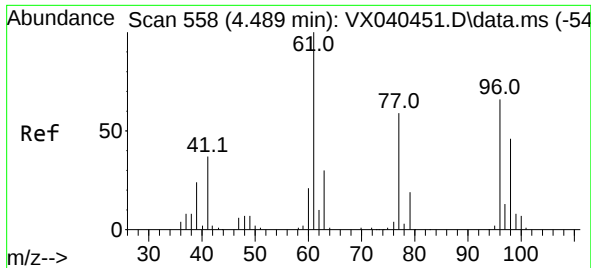
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#26
2,2-Dichloropropane
Concen: 19.747 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Tgt Ion: 77 Resp: 30807
Ion Ratio Lower Upper
77 100
97 21.7 10.8 32.3





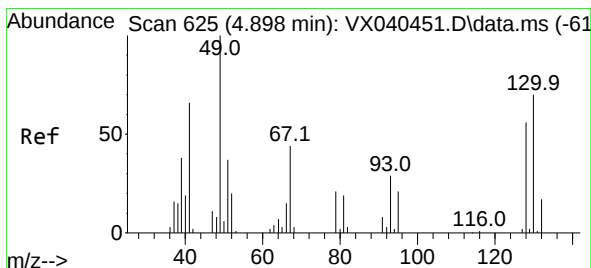
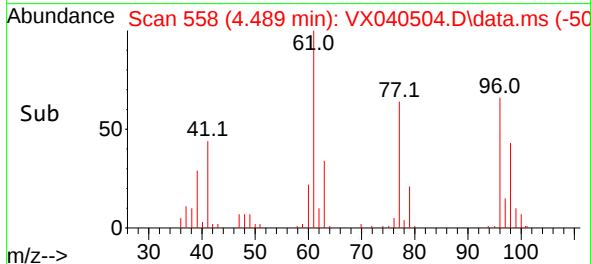
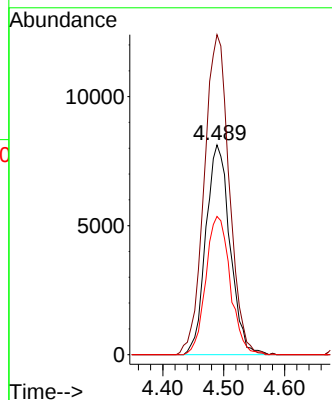
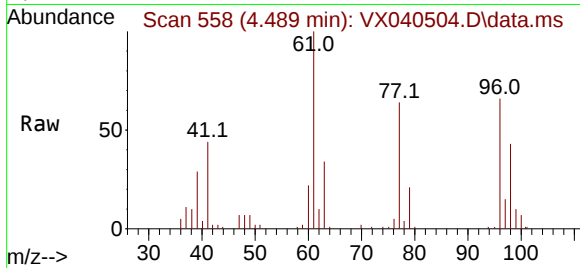
#27
 cis-1,2-Dichloroethene
 Concen: 18.799 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX040504.D
 Acq: 28 Feb 2024 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Tgt Ion: 96 Resp: 2241
 Ion Ratio Lower Upper
 96 100
 61 157.8 0.0 312.2
 98 66.5 0.0 129.0

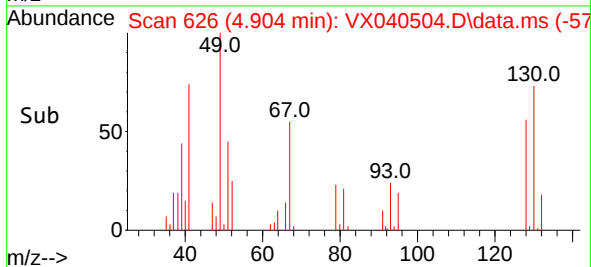
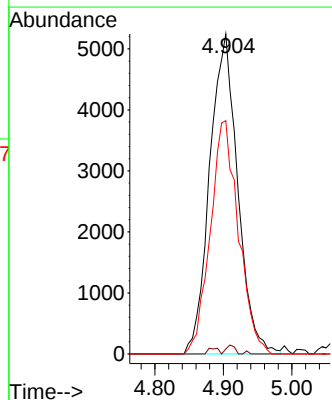
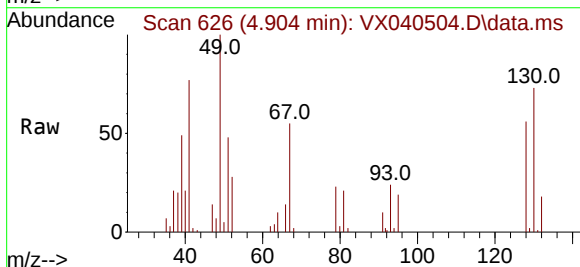
Manual Integrations
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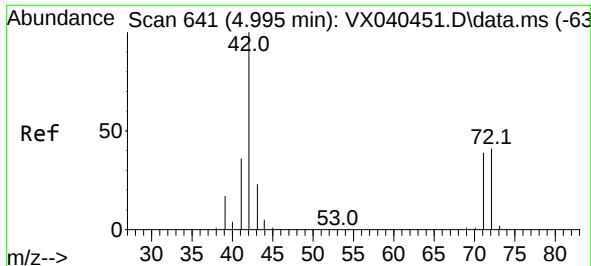
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024



#28
 Bromochloromethane
 Concen: 18.158 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. 0.006 min
 Lab File: VX040504.D
 Acq: 28 Feb 2024 12:10

Tgt Ion: 49 Resp: 14883
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.8
 130 73.4 57.5 86.3





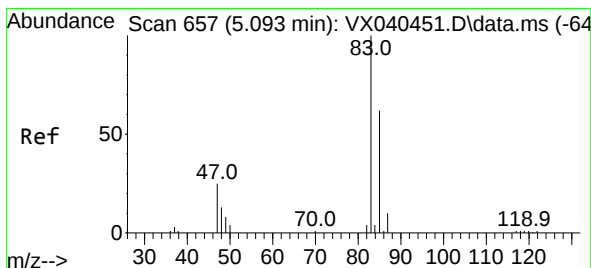
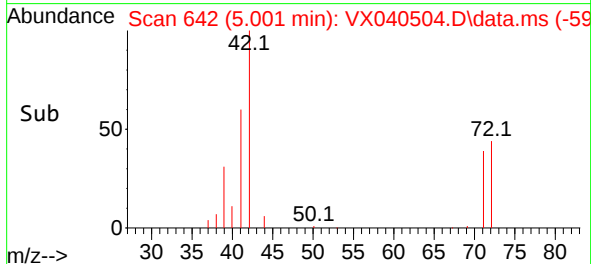
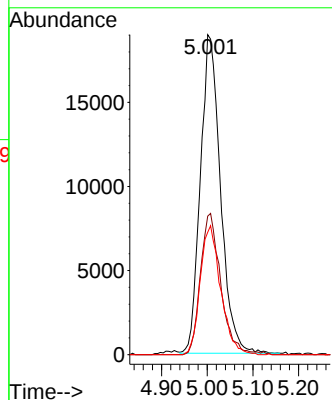
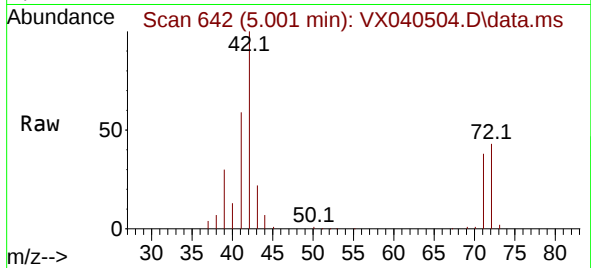
#29
Tetrahydrofuran
Concen: 104.136 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 42 Resp: 57915
Ion Ratio Lower Upper
42 100
72 44.9 34.2 51.4
71 41.3 32.2 48.2

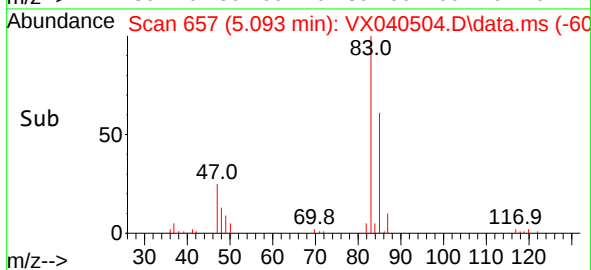
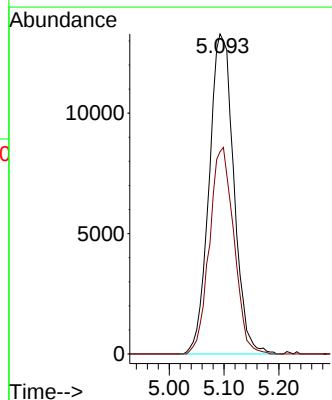
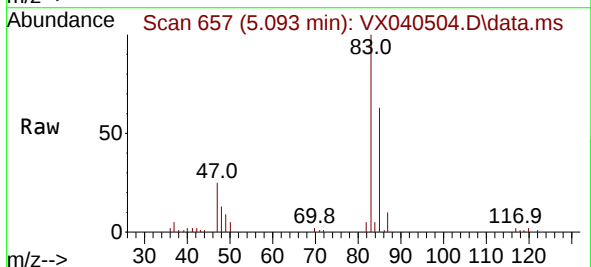
Manual Integrations
APPROVED

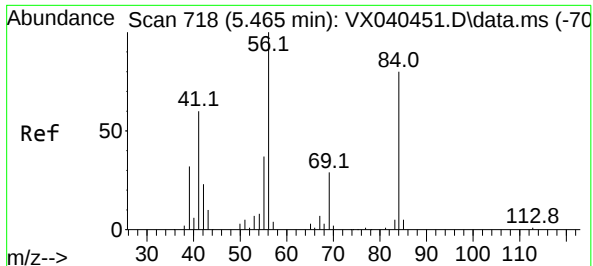
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#30
Chloroform
Concen: 19.949 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

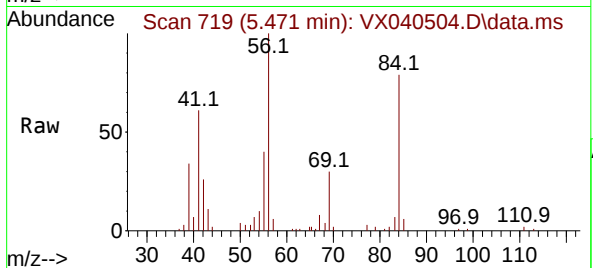
Tgt Ion: 83 Resp: 41490
Ion Ratio Lower Upper
83 100
85 63.2 50.3 75.5





#31
Cyclohexane
Concen: 18.718 ug/l
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

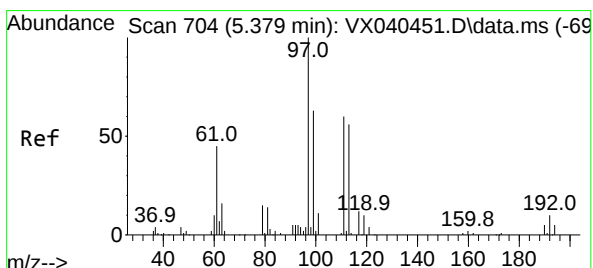
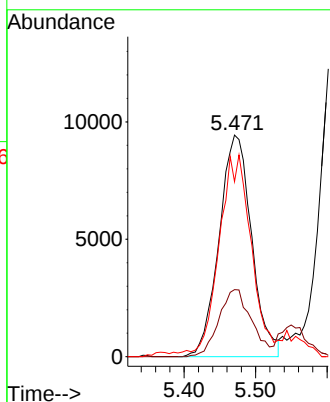
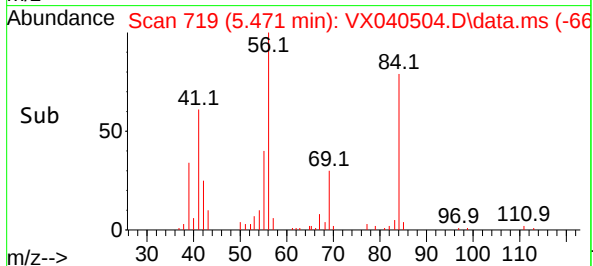
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion: 56 Resp: 29754
Ion Ratio Lower Upper
56 100
69 30.3 23.4 35.2
84 77.3 65.9 98.9

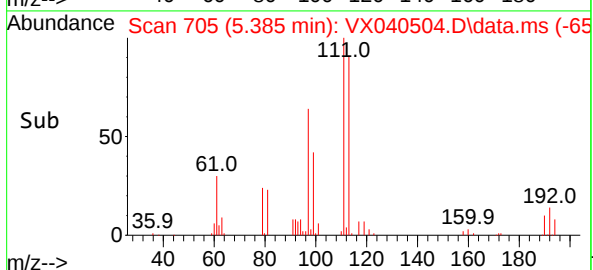
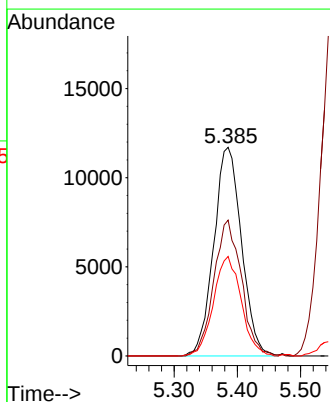
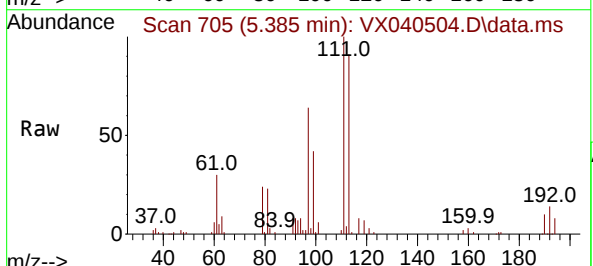
Manual Integrations
APPROVED

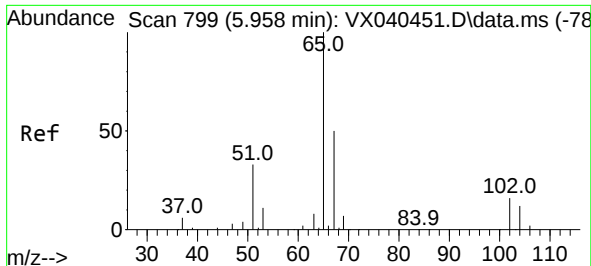
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#32
1,1,1-Trichloroethane
Concen: 20.064 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Tgt Ion: 97 Resp: 35617
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 47.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.482 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040504.D

Acq: 28 Feb 2024 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tgt Ion: 65 Resp: 70830

Ion Ratio Lower Upper

65 100

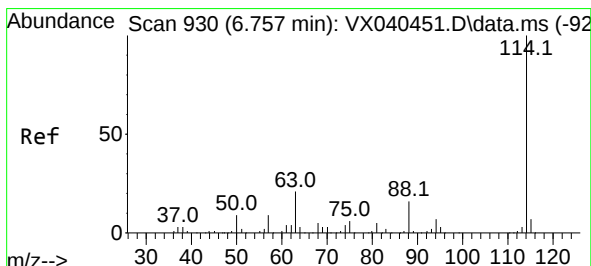
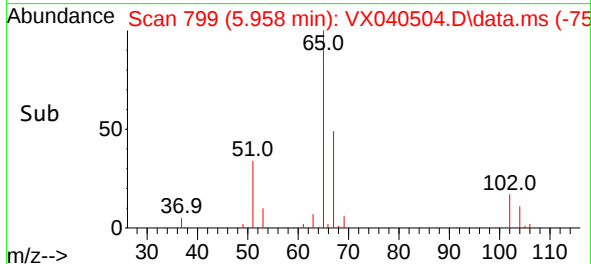
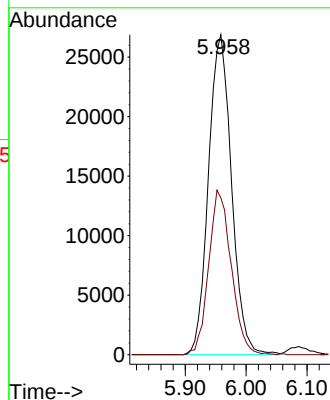
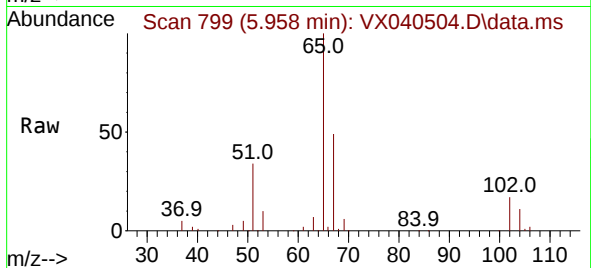
67 50.2 0.0 100.2

Manual Integrations

APPROVED

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: VX040504.D

Acq: 28 Feb 2024 12:10

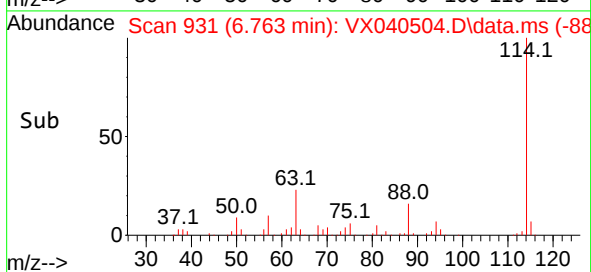
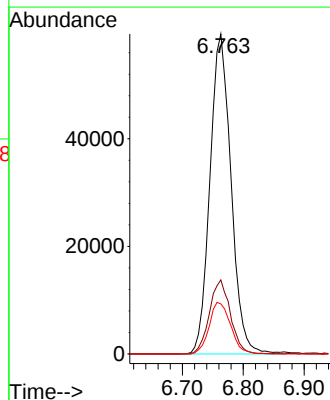
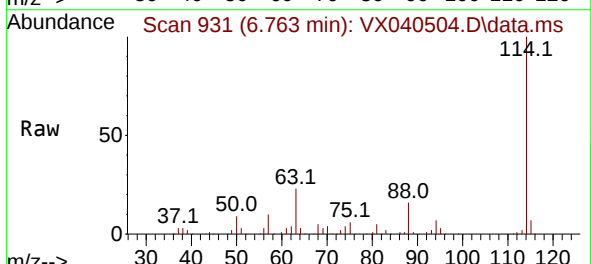
Tgt Ion:114 Resp: 143022

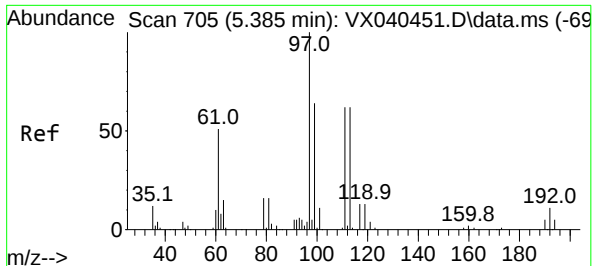
Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.0

88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.862 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040504.D

Acq: 28 Feb 2024 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

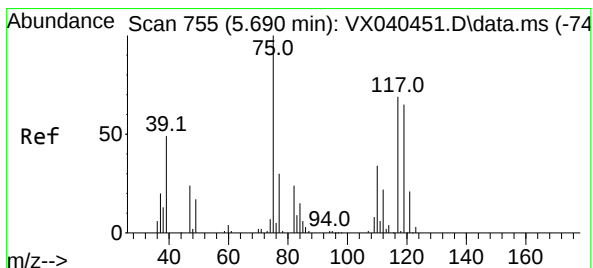
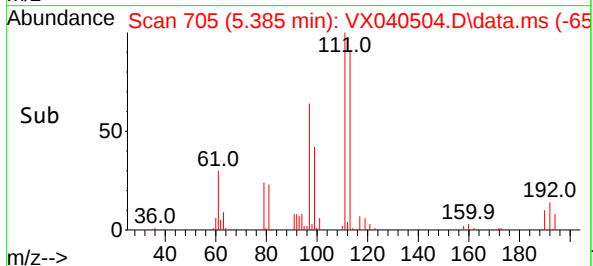
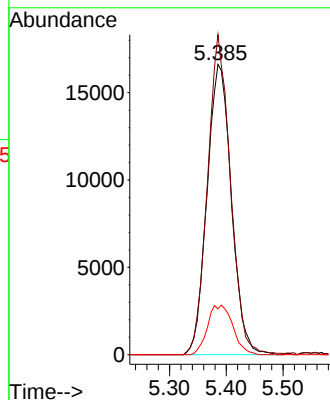
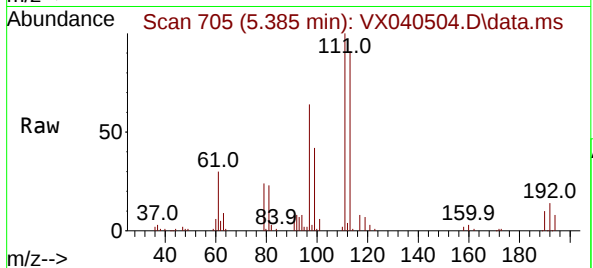
Tgt Ion:	113	Resp:	4959
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.9	124.3
192	17.7	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#36

1,1-Dichloropropene

Concen: 19.025 ug/l

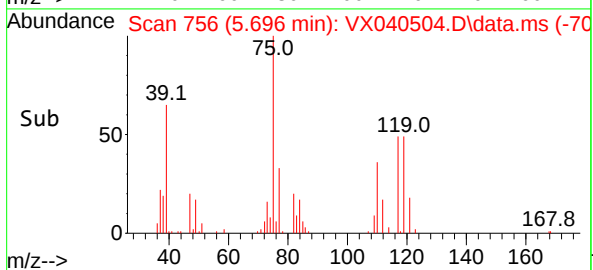
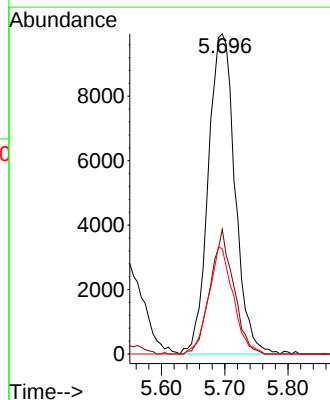
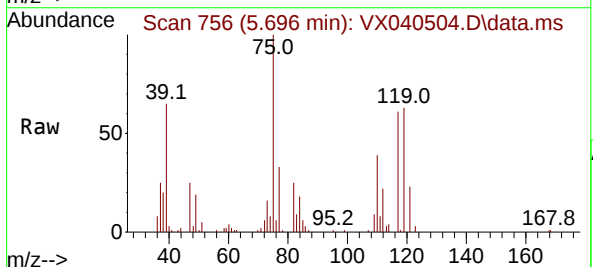
RT: 5.696 min Scan# 756

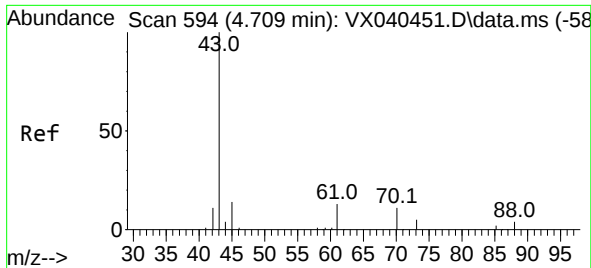
Delta R.T. 0.006 min

Lab File: VX040504.D

Acq: 28 Feb 2024 12:10

Tgt Ion:	75	Resp:	29152
Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.0	50.9
77	30.9	24.7	37.1





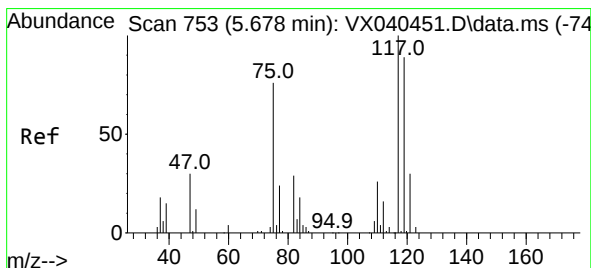
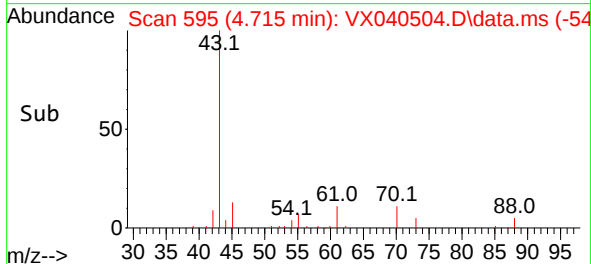
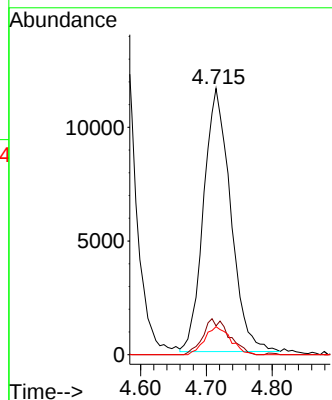
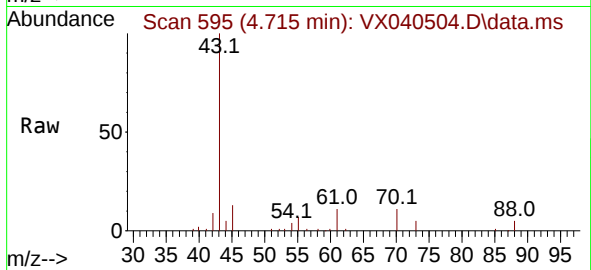
#37
Ethyl Acetate
Concen: 19.781 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 43 Resp: 33172
Ion Ratio Lower Upper
43 100
61 13.2 10.6 16.0
70 10.2 8.3 12.5

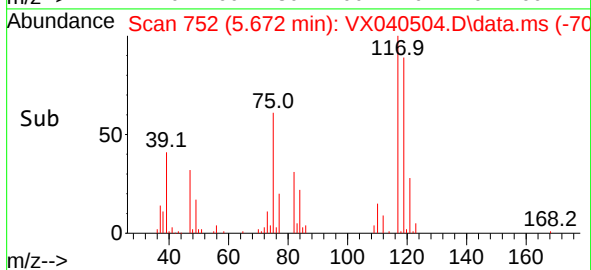
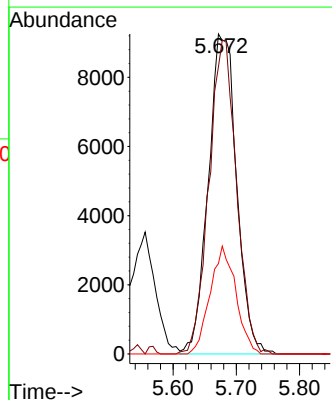
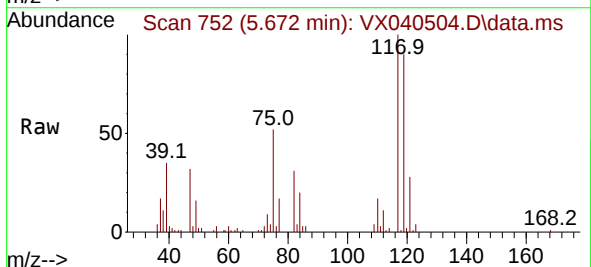
Manual Integrations
APPROVED

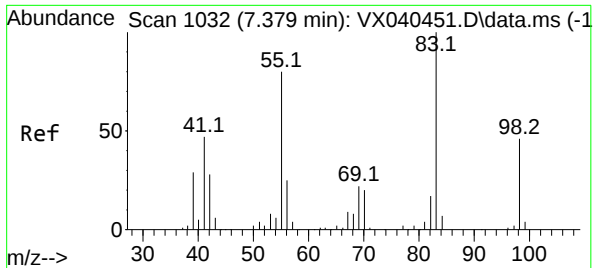
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#38
Carbon Tetrachloride
Concen: 19.431 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Tgt Ion:117 Resp: 28764
Ion Ratio Lower Upper
117 100
119 89.7 78.2 117.2
121 28.2 24.4 36.6





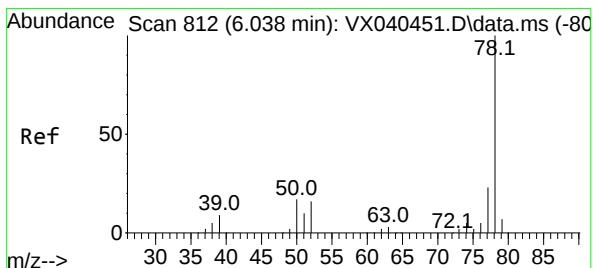
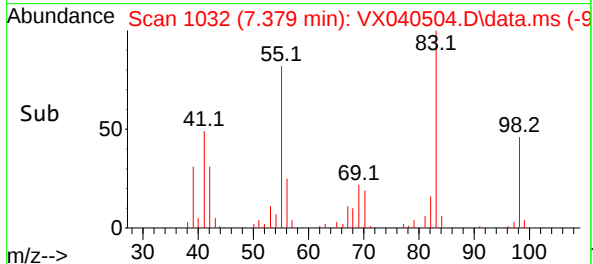
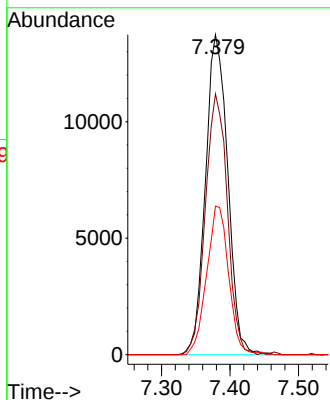
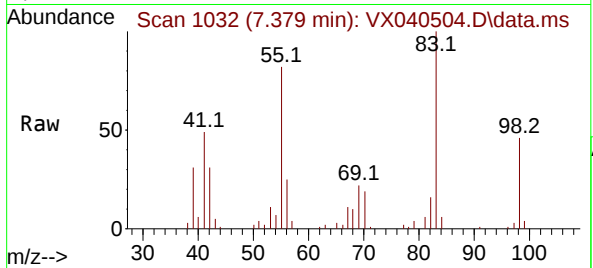
#39
Methylcyclohexane
Concen: 18.752 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 83 Resp: 3102
Ion Ratio Lower Upper
83 100
55 81.5 64.6 97.0
98 46.4 36.7 55.1

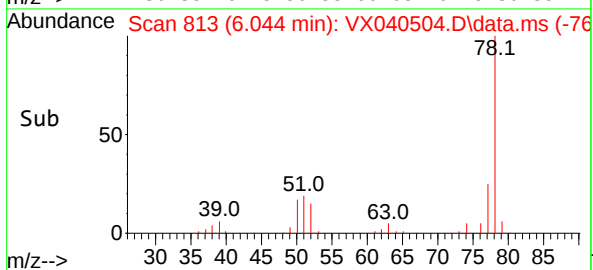
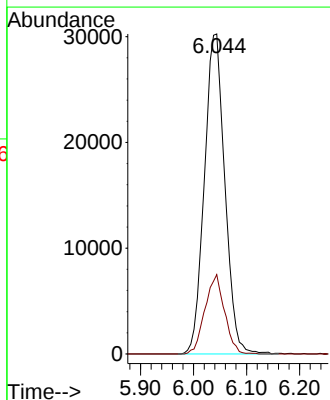
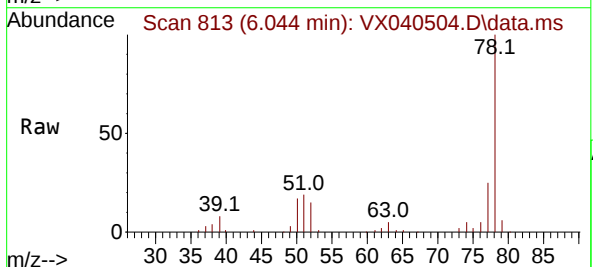
Manual Integrations
APPROVED

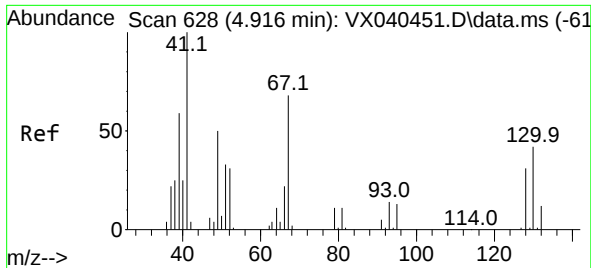
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#40
Benzene
Concen: 19.591 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Tgt Ion: 78 Resp: 81276
Ion Ratio Lower Upper
78 100
77 24.8 19.3 28.9





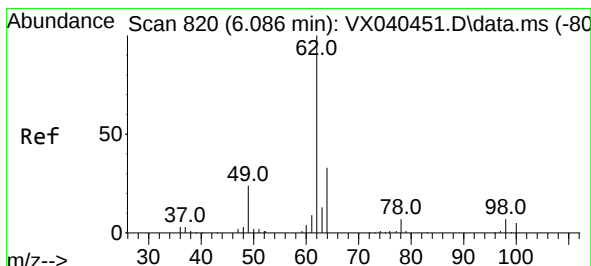
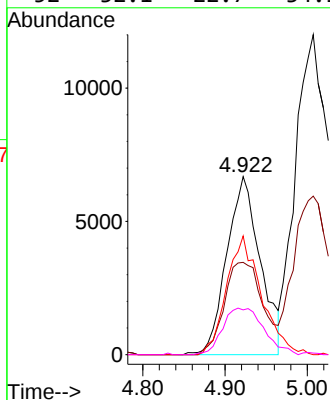
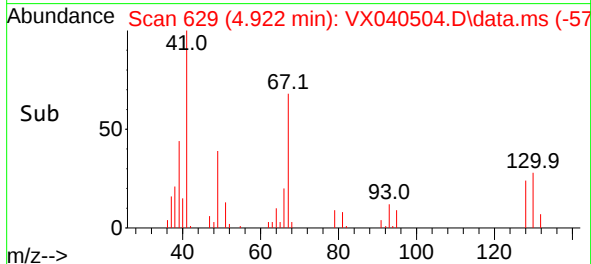
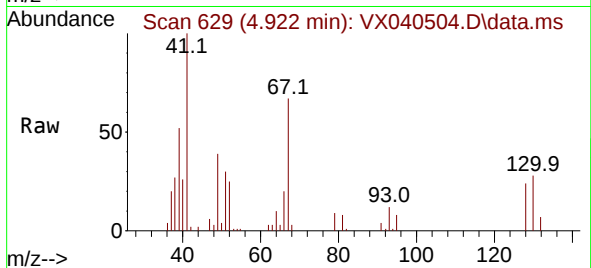
#41
Methacrylonitrile
Concen: 20.185 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 41 Resp: 18908
Ion Ratio Lower Upper
41 100
39 60.0 45.2 67.8
67 69.3 52.6 78.8
52 32.1 22.7 34.1

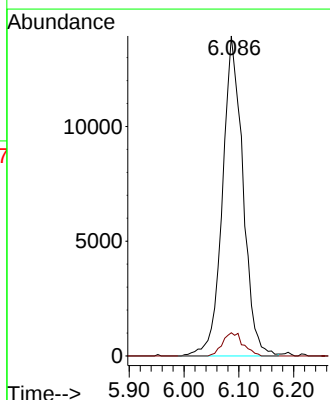
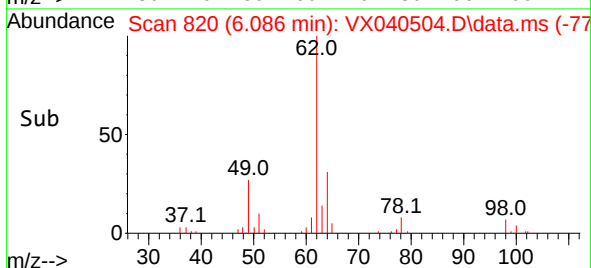
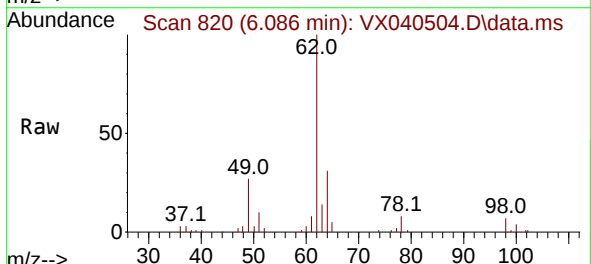
Manual Integrations
APPROVED

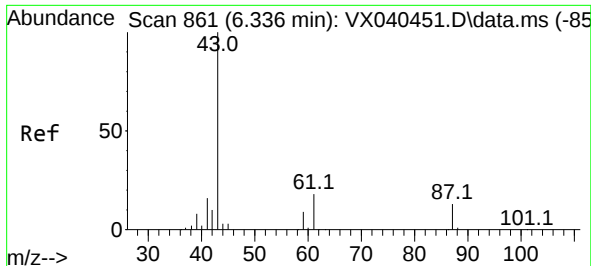
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#42
1,2-Dichloroethane
Concen: 21.088 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Tgt Ion: 62 Resp: 36209
Ion Ratio Lower Upper
62 100
98 7.3 0.0 16.0





#43

Isopropyl Acetate

Concen: 20.535 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX040504.D

Acq: 28 Feb 2024 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

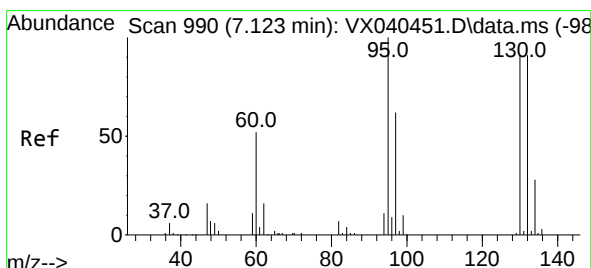
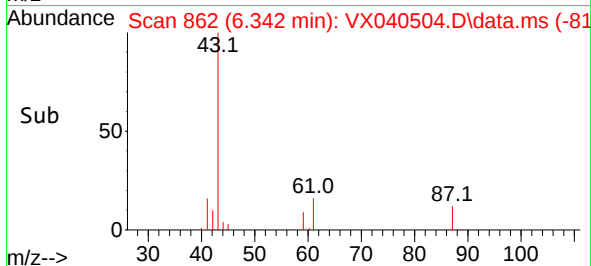
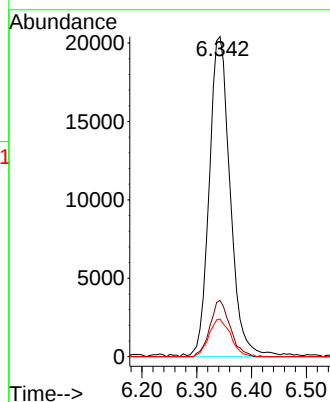
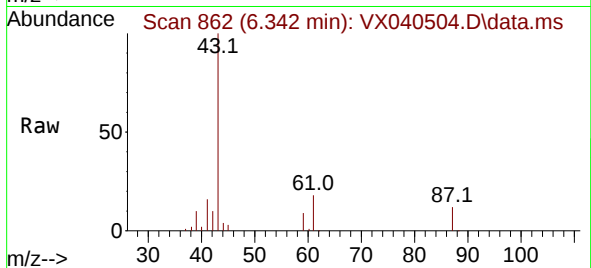
Tgt Ion: 43	Resp: 5403
Ion Ratio	Lower Upper
43	100
61	16.9 15.2 22.8
87	12.2 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#44

Trichloroethene

Concen: 19.438 ug/l

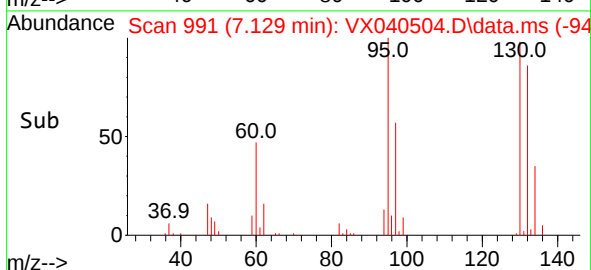
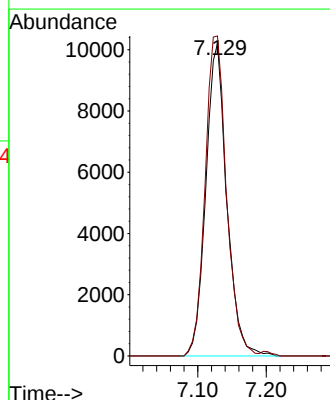
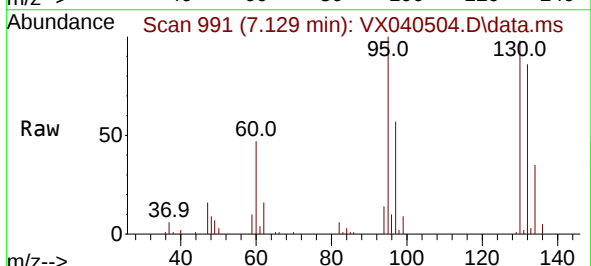
RT: 7.129 min Scan# 991

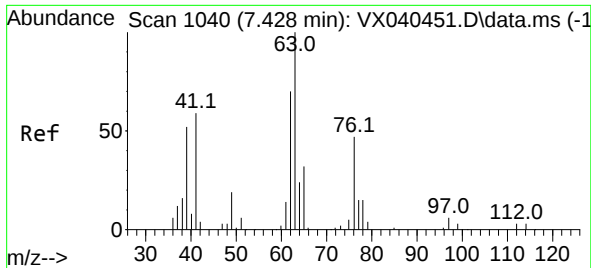
Delta R.T. 0.006 min

Lab File: VX040504.D

Acq: 28 Feb 2024 12:10

Tgt Ion:130	Resp: 21687
Ion Ratio	Lower Upper
130	100
95	102.5 0.0 204.4





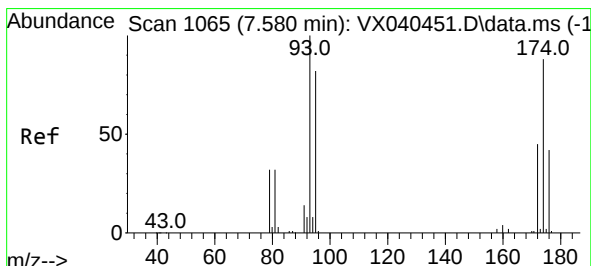
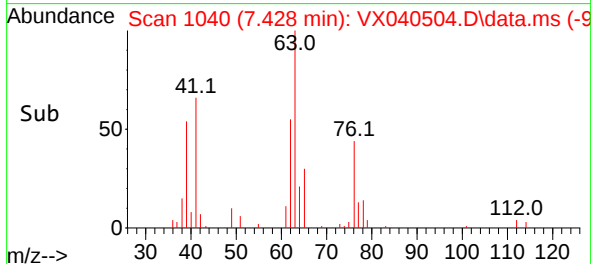
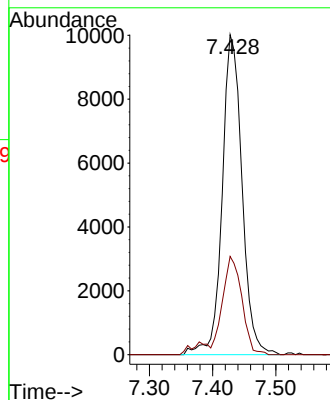
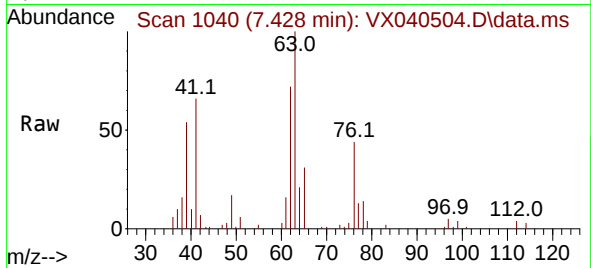
#45
1,2-Dichloropropane
Concen: 19.613 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 63 Resp: 21770
Ion Ratio Lower Upper
63 100
65 30.7 24.3 36.5

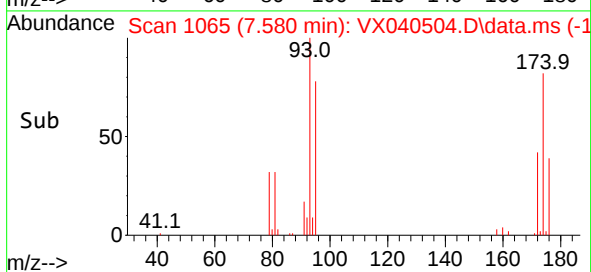
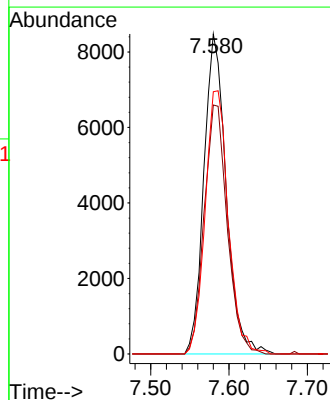
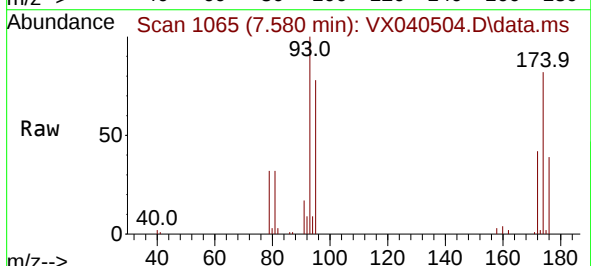
Manual Integrations
APPROVED

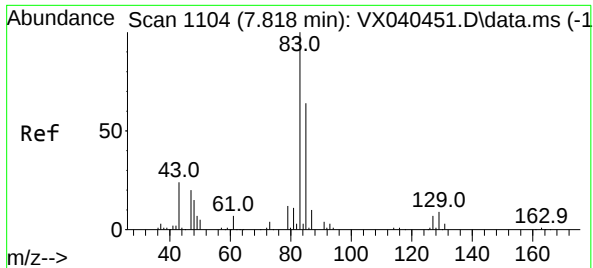
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#46
Dibromomethane
Concen: 20.532 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Tgt Ion: 93 Resp: 16760
Ion Ratio Lower Upper
93 100
95 80.3 66.6 100.0
174 85.6 69.4 104.0





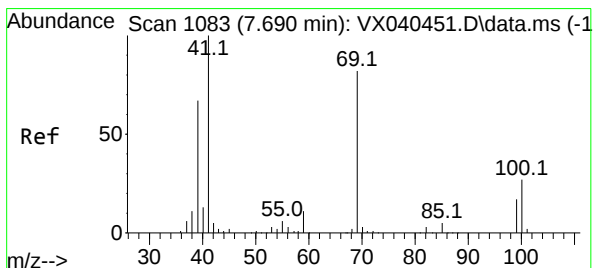
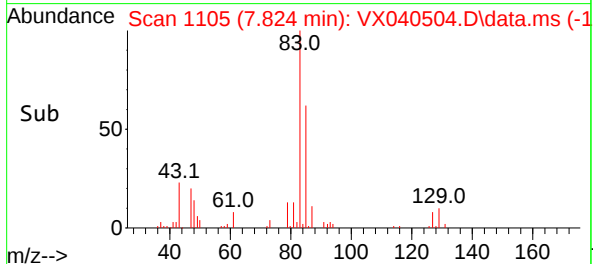
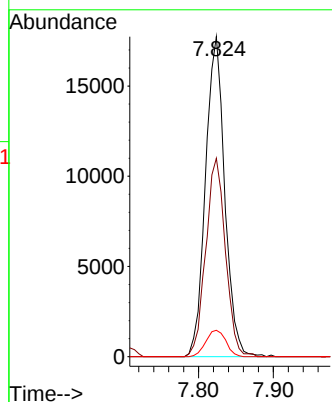
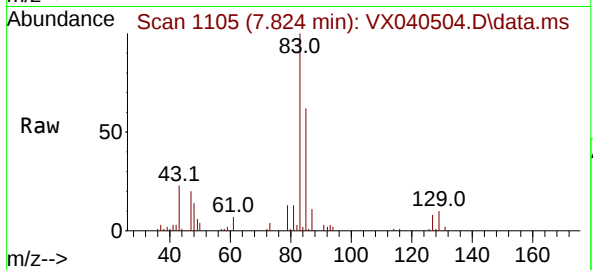
#47
Bromodichloromethane
Concen: 19.735 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 83 Resp: 31719
Ion Ratio Lower Upper
83 100
85 62.0 49.8 74.6
127 8.3 7.1 10.7

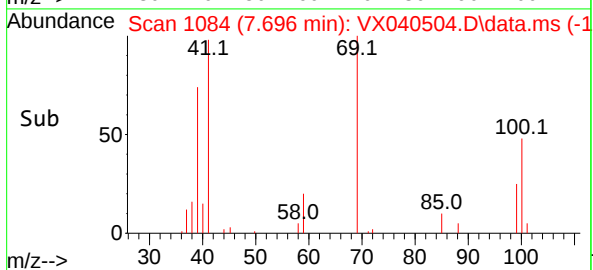
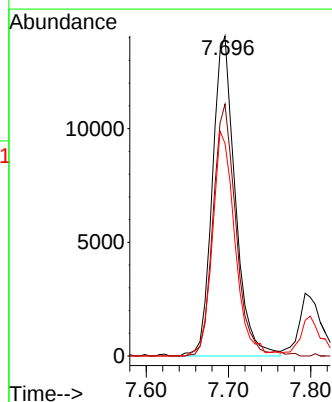
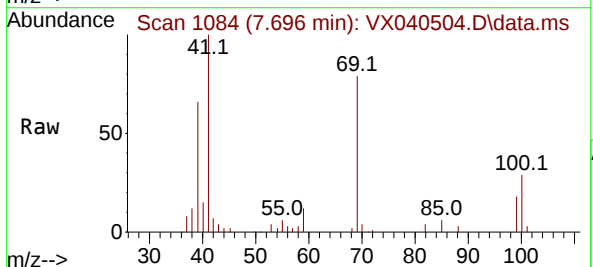
Manual Integrations
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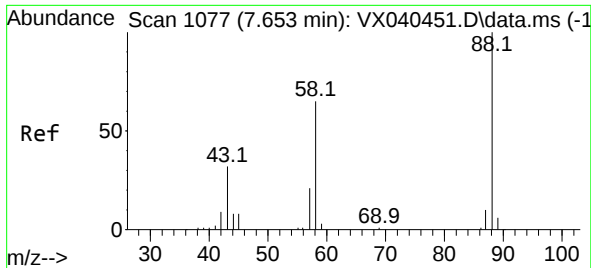
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#48
Methyl methacrylate
Concen: 20.648 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Tgt Ion: 41 Resp: 27157
Ion Ratio Lower Upper
41 100
69 78.7 59.2 88.8
39 69.0 47.7 71.5





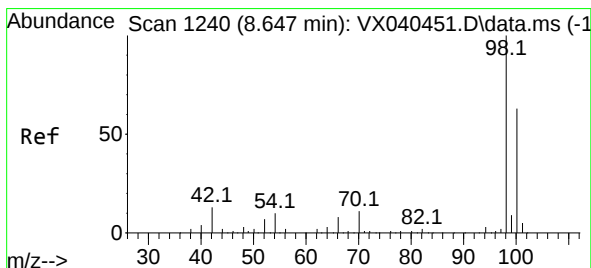
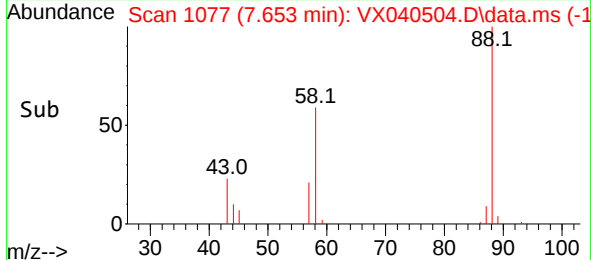
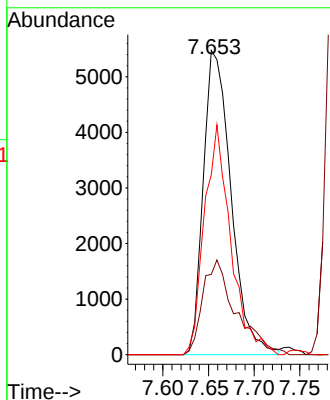
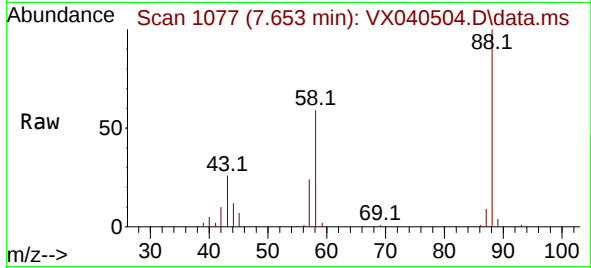
#49
1,4-Dioxane
Concen: 464.274 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 88 Resp: 1155
Ion Ratio Lower Upper
88 100
43 37.3 0.0 0.0
58 71.9 60.1 90.1

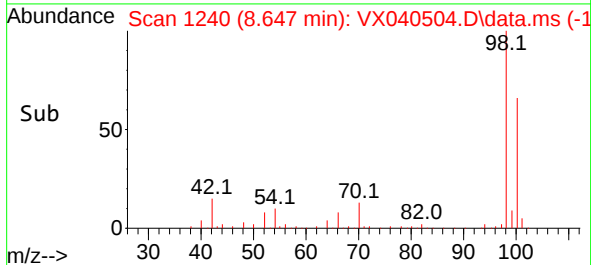
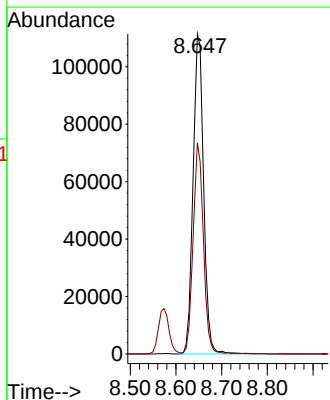
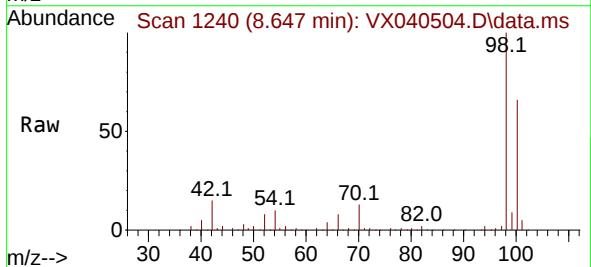
Manual Integrations
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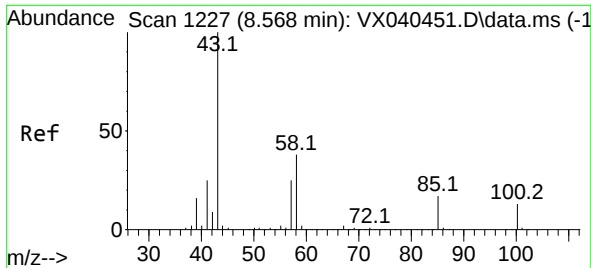
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#50
Toluene-d8
Concen: 49.471 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Tgt Ion: 98 Resp: 178598
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7





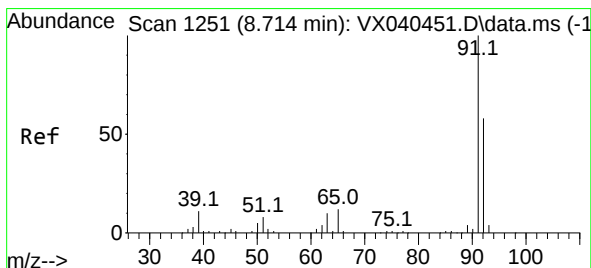
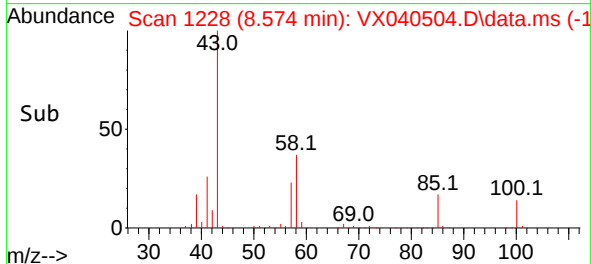
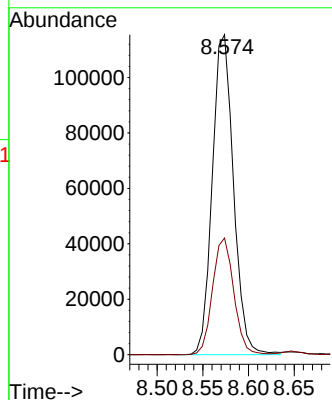
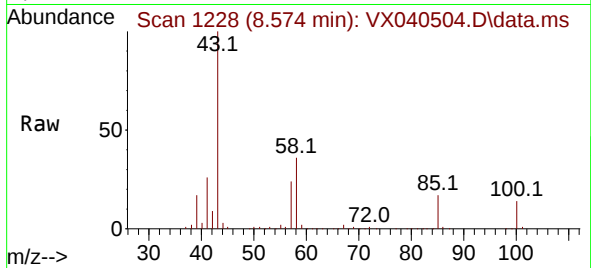
#51
4-Methyl-2-Pentanone
Concen: 107.065 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 43 Resp: 186268
Ion Ratio Lower Upper
43 100
58 36.5 30.4 45.6

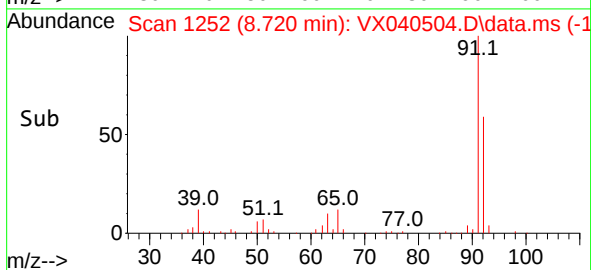
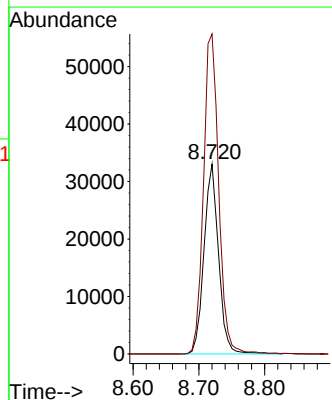
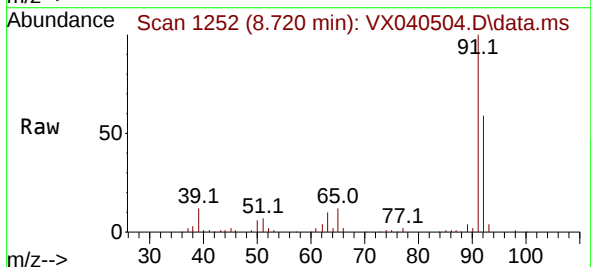
Manual Integrations
APPROVED

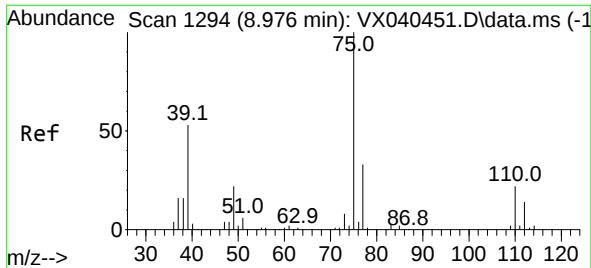
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#52
Toluene
Concen: 19.993 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Tgt Ion: 92 Resp: 50904
Ion Ratio Lower Upper
92 100
91 176.5 134.2 201.2





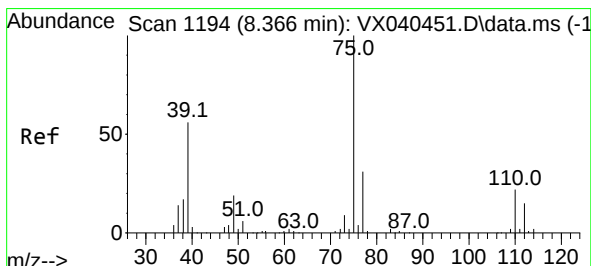
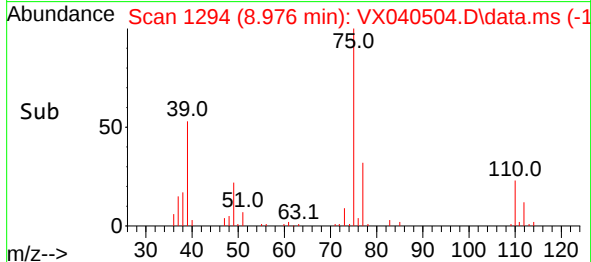
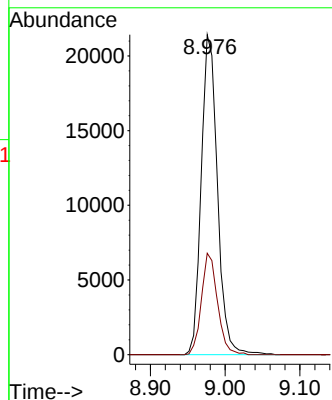
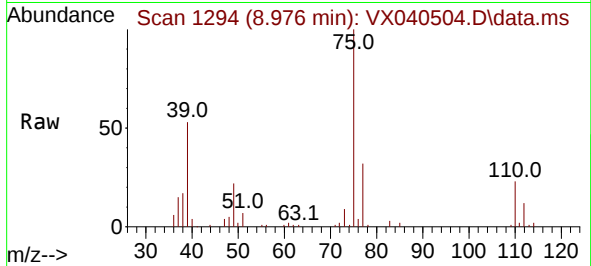
#53
 t-1,3-Dichloropropene
 Concen: 19.768 ug/l
 RT: 8.976 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VX040504.D
 Acq: 28 Feb 2024 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Tgt Ion: 75 Resp: 3224
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.7 38.5

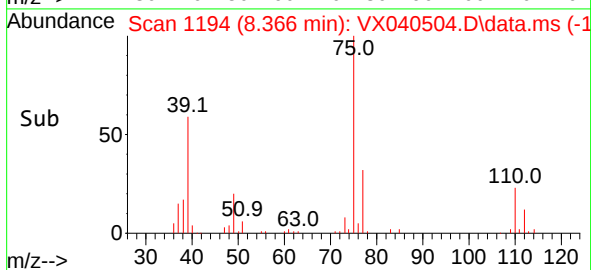
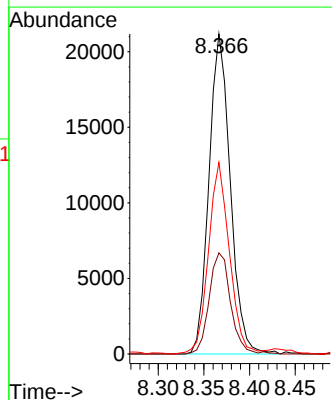
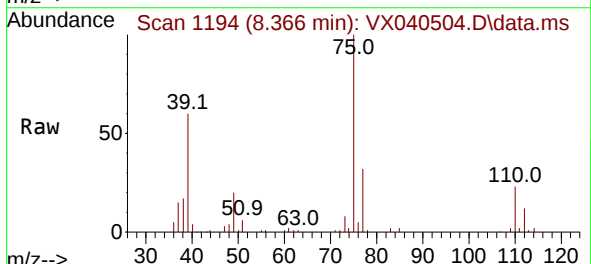
Manual Integrations
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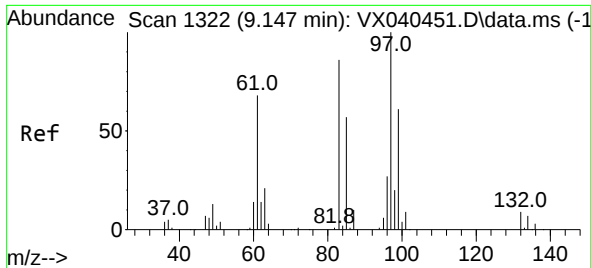
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024



#54
 cis-1,3-Dichloropropene
 Concen: 19.592 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX040504.D
 Acq: 28 Feb 2024 12:10

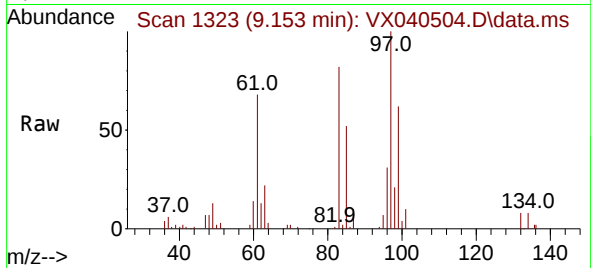
Tgt Ion: 75 Resp: 34349
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 59.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 21.053 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

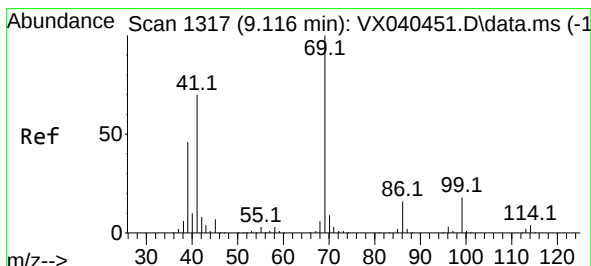
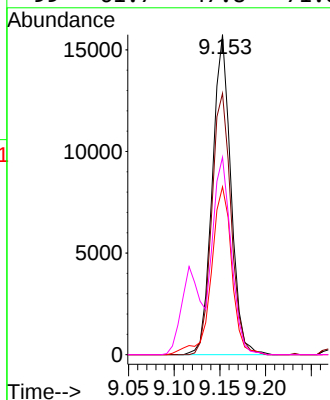
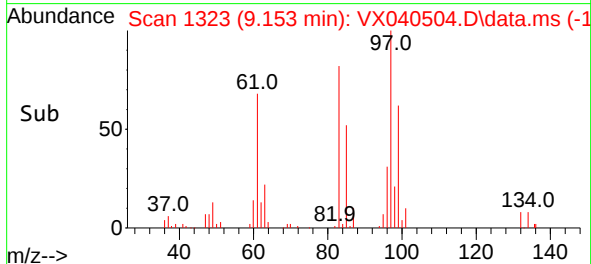


Tgt Ion: 97 Resp: 2224

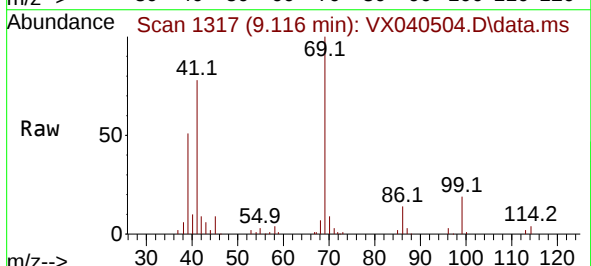
Ion	Ratio	Lower	Upper
97	100		
83	81.6	65.8	98.8
85	52.5	41.6	62.4
99	61.7	47.8	71.8

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

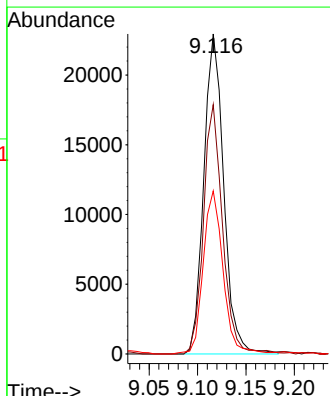
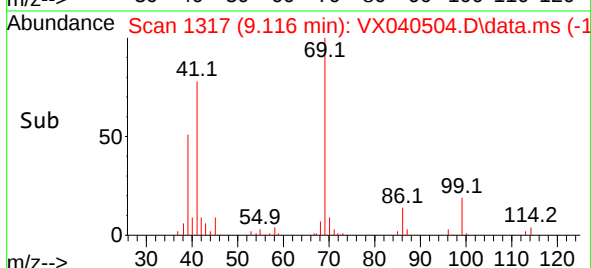


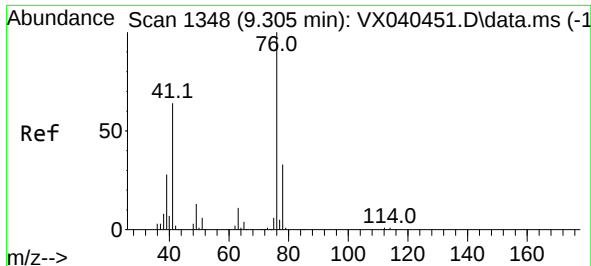
#56
Ethyl methacrylate
Concen: 20.182 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10



Tgt Ion: 69 Resp: 32970

Ion	Ratio	Lower	Upper
69	100		
41	75.0	56.8	85.2
39	50.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.292 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX040504.D

Acq: 28 Feb 2024 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tgt Ion: 76 Resp: 3734

Ion Ratio Lower Upper

76 100

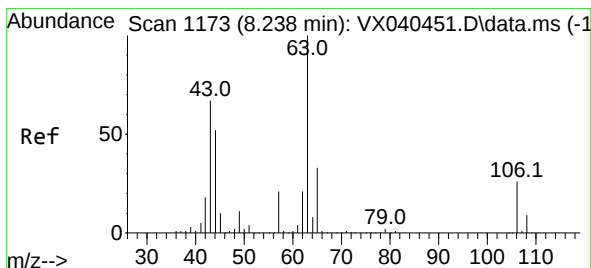
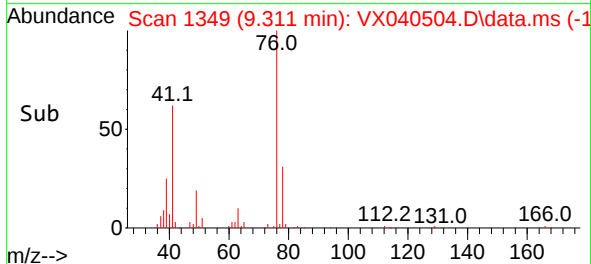
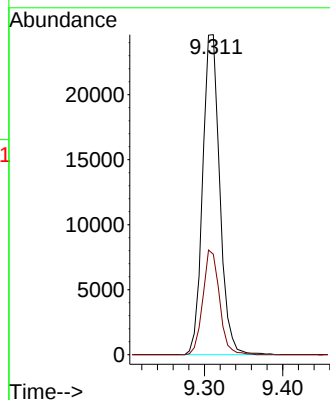
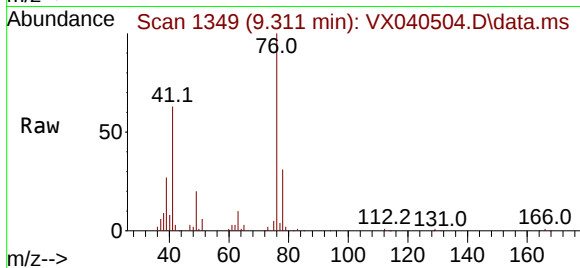
78 31.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#58

2-Chloroethyl Vinyl ether

Concen: 103.005 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX040504.D

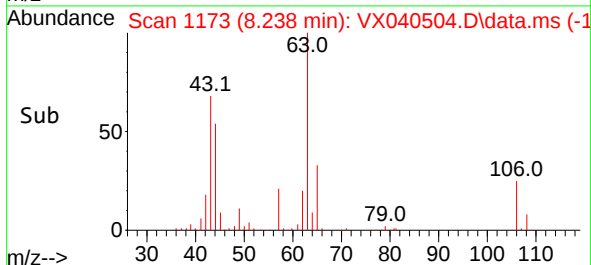
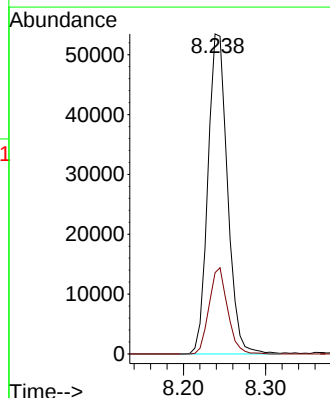
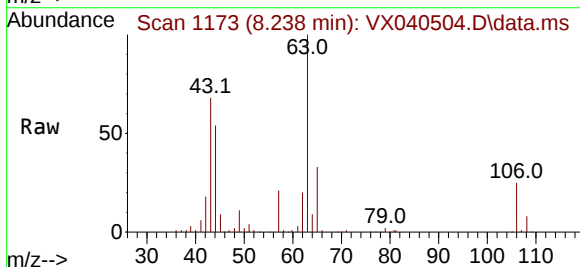
Acq: 28 Feb 2024 12:10

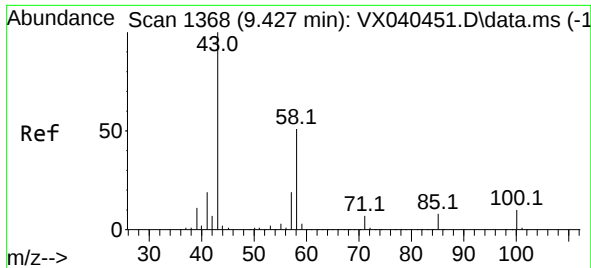
Tgt Ion: 63 Resp: 88231

Ion Ratio Lower Upper

63 100

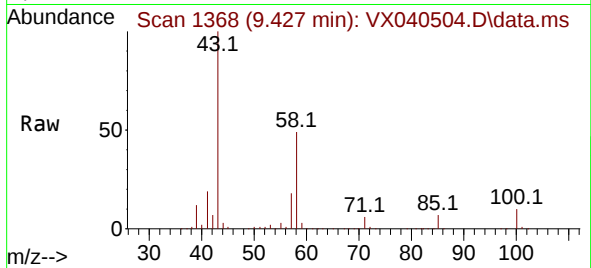
106 25.5 22.5 33.7





#59
2-Hexanone
Concen: 111.184 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

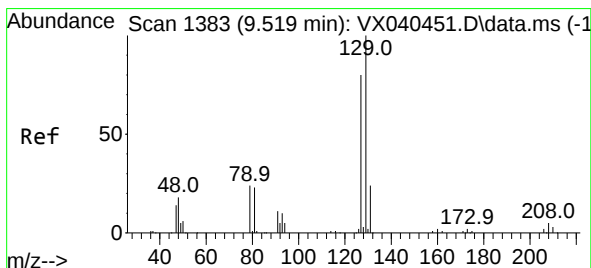
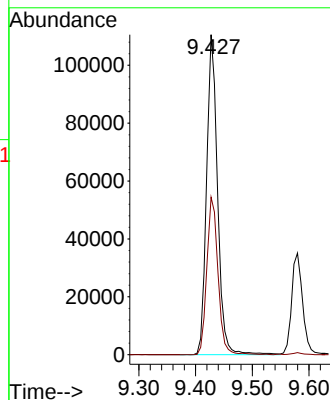
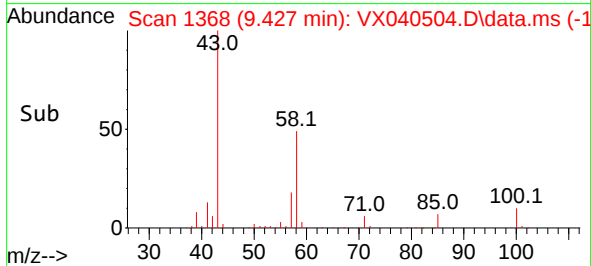
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion: 43 Resp: 148720
Ion Ratio Lower Upper
43 100
58 50.2 26.2 78.5

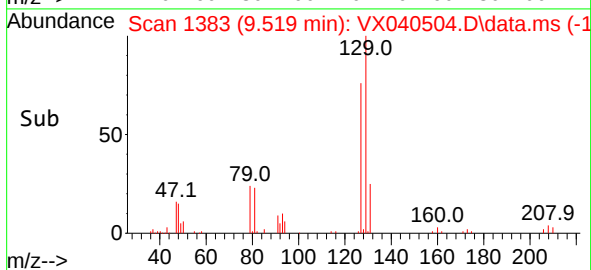
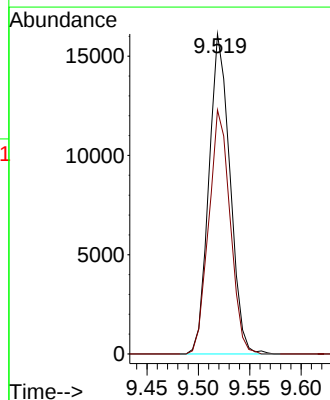
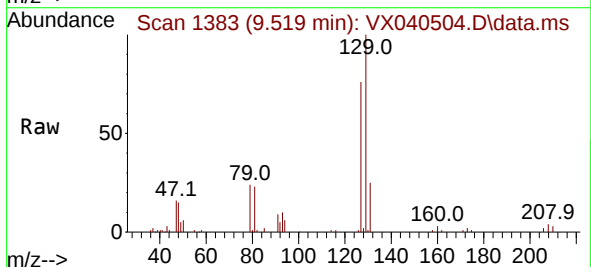
Manual Integrations
APPROVED

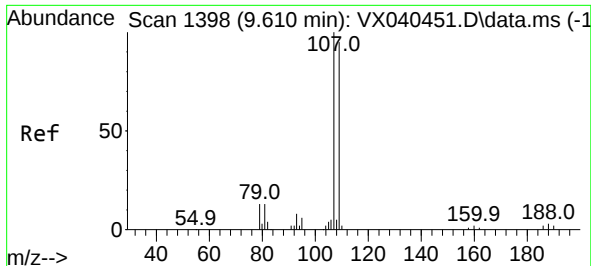
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#60
Dibromochloromethane
Concen: 20.057 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

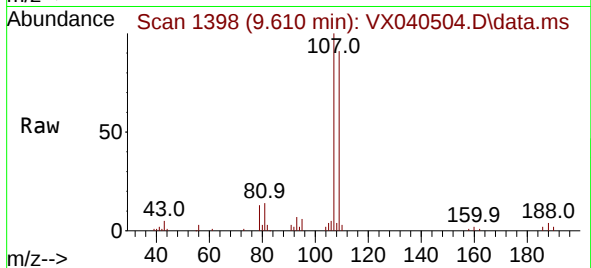
Tgt Ion:129 Resp: 23019
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.653 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

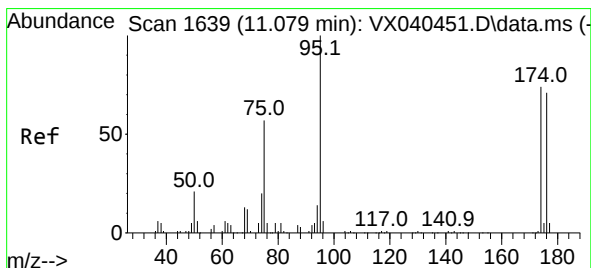
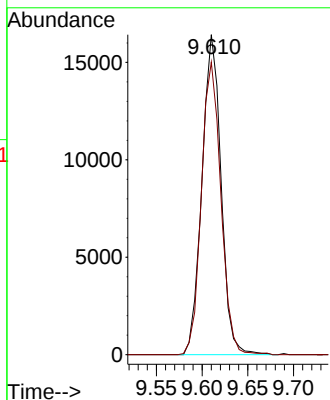
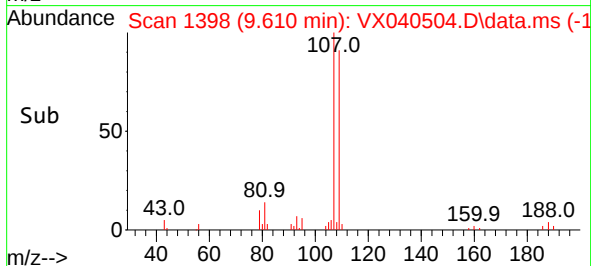
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



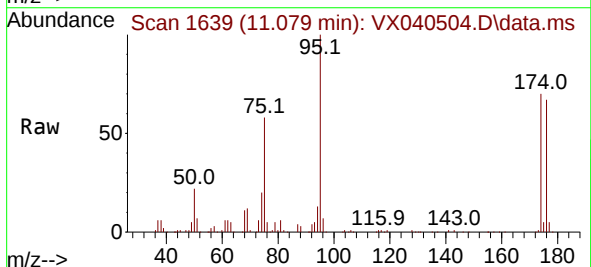
Tgt Ion:107 Resp: 2381
Ion Ratio Lower Upper
107 100
109 93.4 75.2 112.8

Manual Integrations
APPROVED

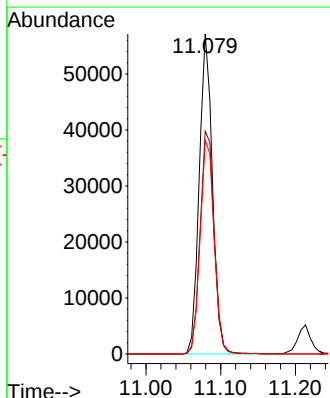
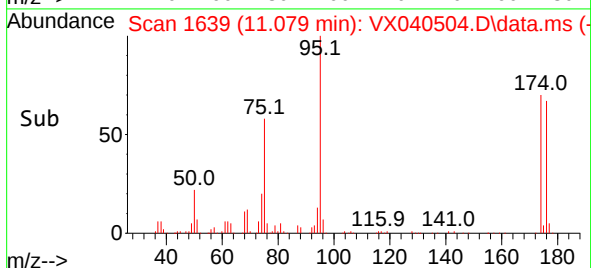
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

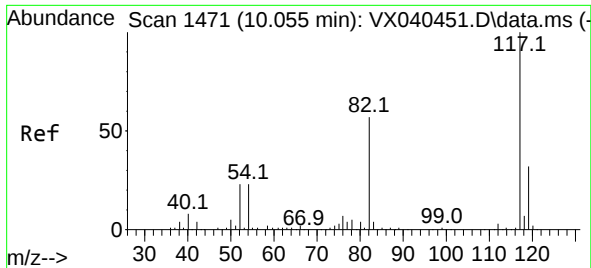


#62
4-Bromofluorobenzene
Concen: 50.766 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10



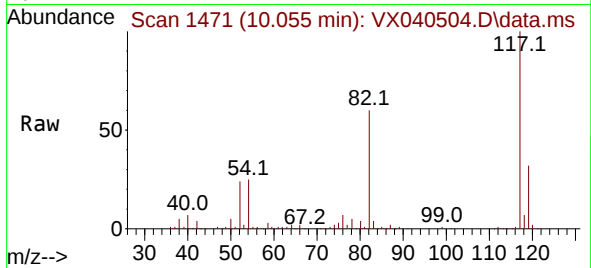
Tgt Ion: 95 Resp: 69862
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 71.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

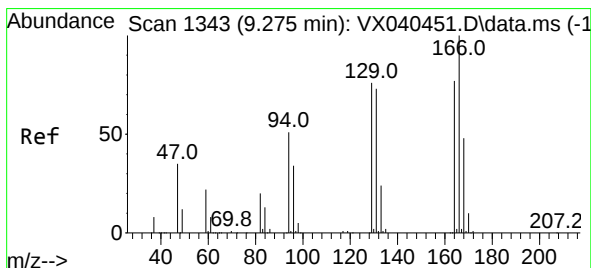
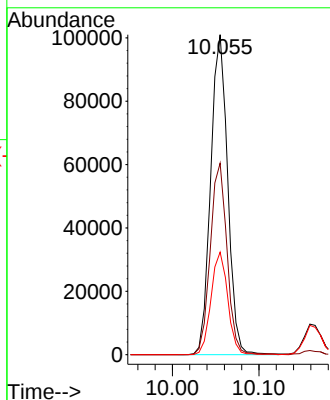
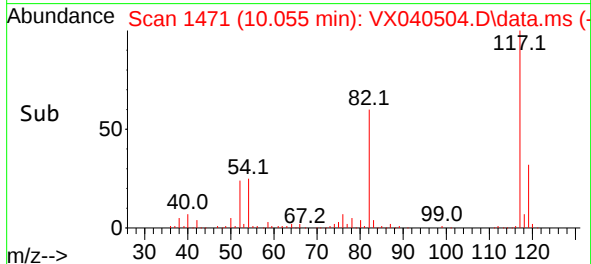
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion:117 Resp: 137675
Ion Ratio Lower Upper
117 100
82 59.9 46.2 69.4
119 32.1 25.5 38.3

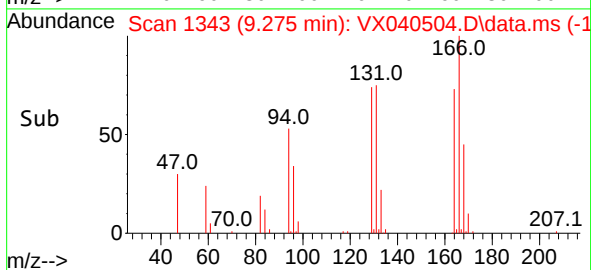
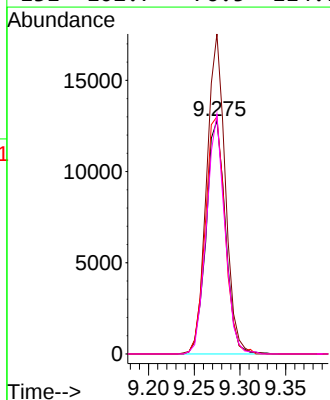
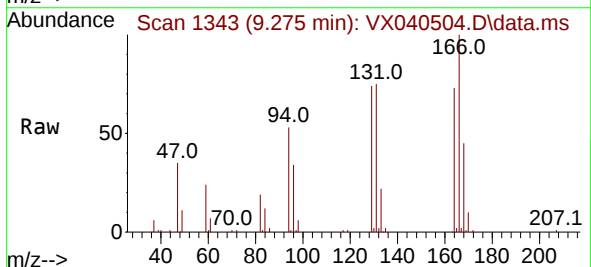
Manual Integrations
APPROVED

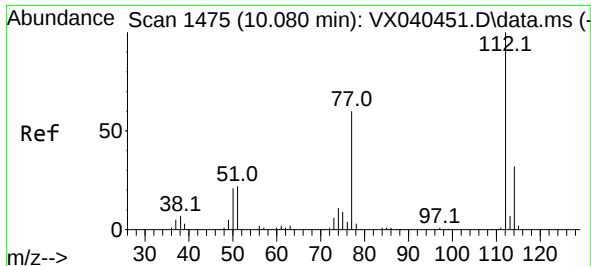
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#64
Tetrachloroethene
Concen: 19.414 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Tgt Ion:164 Resp: 18765
Ion Ratio Lower Upper
164 100
166 137.2 102.7 154.1
129 101.7 80.4 120.6
131 102.7 76.5 114.7





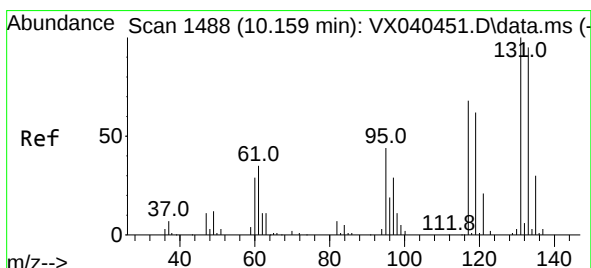
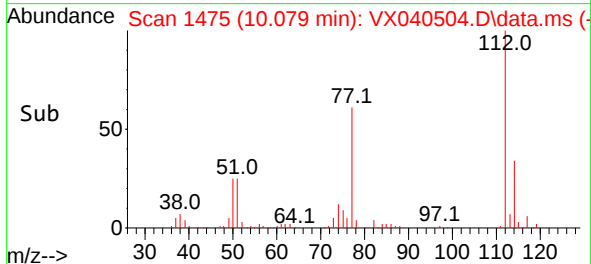
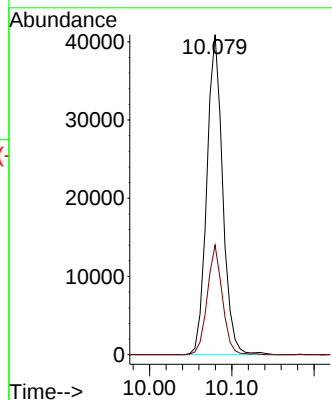
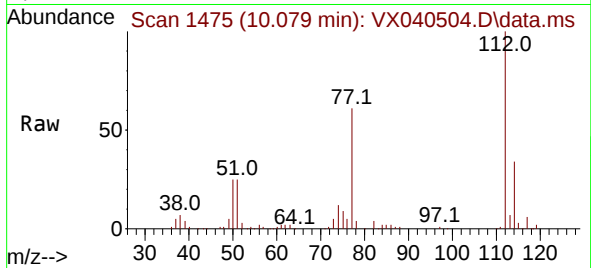
#65
Chlorobenzene
Concen: 18.723 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion:112 Resp: 5482
Ion Ratio Lower Upper
112 100
114 34.3 25.7 38.5

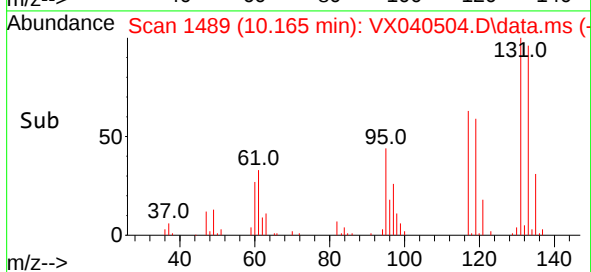
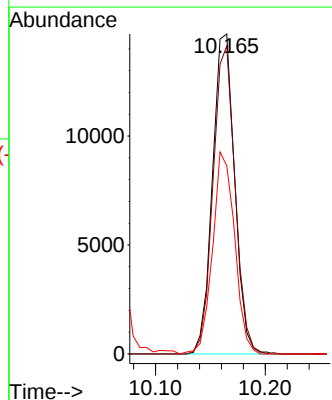
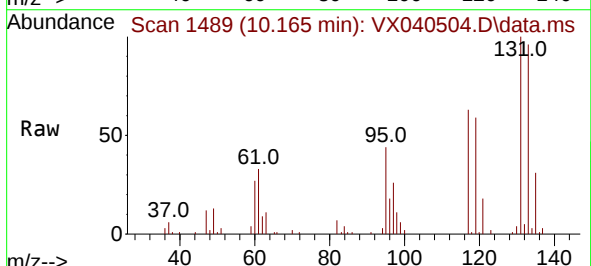
Manual Integrations
APPROVED

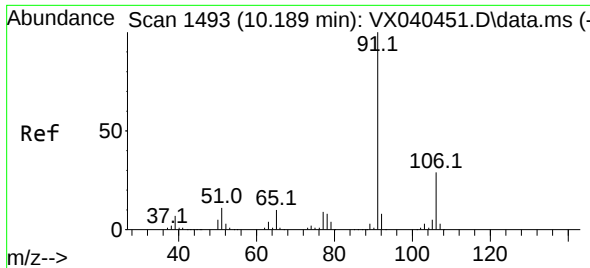
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.976 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Tgt Ion:131 Resp: 20615
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.4
119 62.8 32.2 96.6





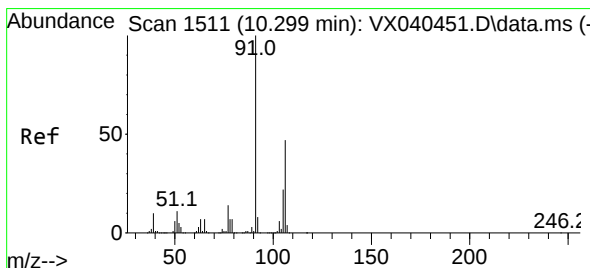
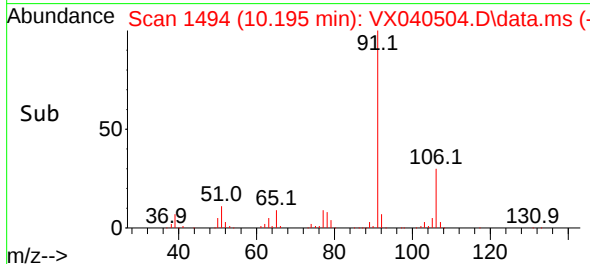
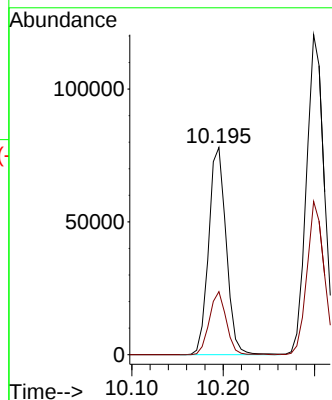
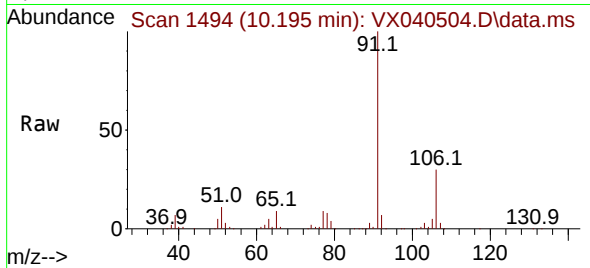
#67
Ethyl Benzene
Concen: 19.319 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion: 91 Resp: 103559
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

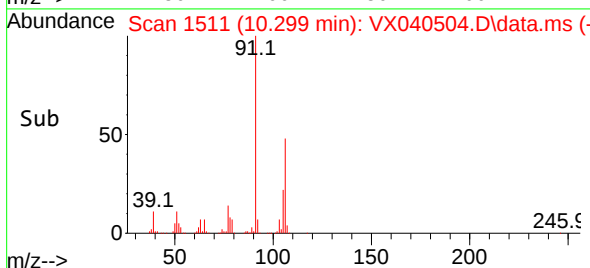
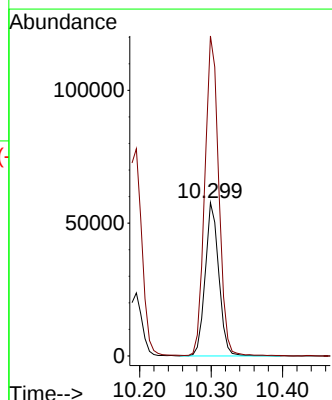
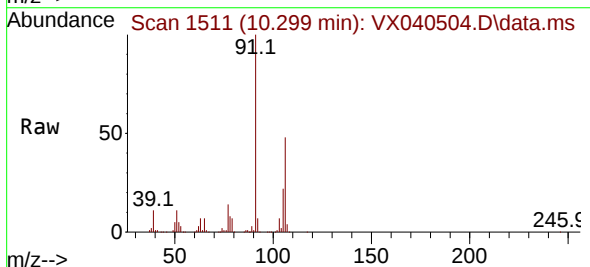
Manual Integrations
APPROVED

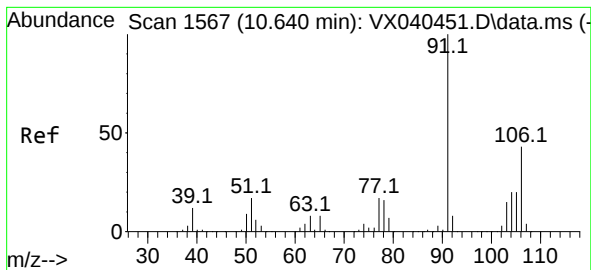
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#68
m/p-Xylenes
Concen: 38.056 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Tgt Ion:106 Resp: 76178
Ion Ratio Lower Upper
106 100
91 215.3 165.5 248.3





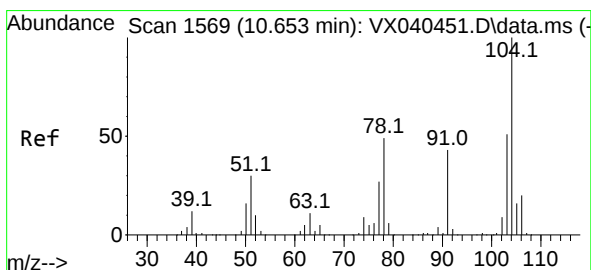
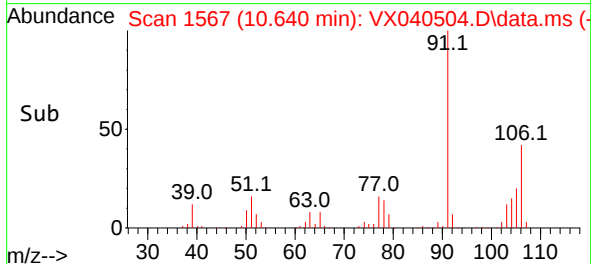
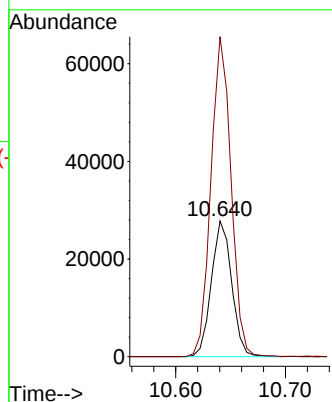
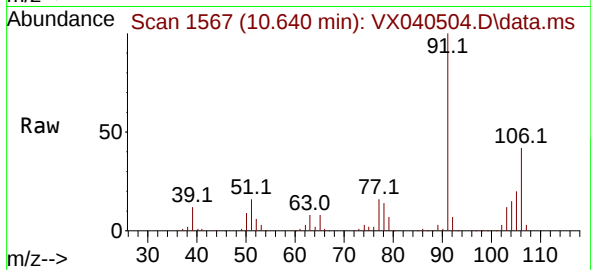
#69
o-Xylene
Concen: 18.722 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion:106 Resp: 3584
Ion Ratio Lower Upper
106 100
91 233.5 108.9 326.8

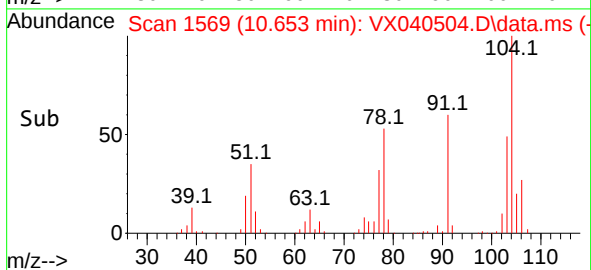
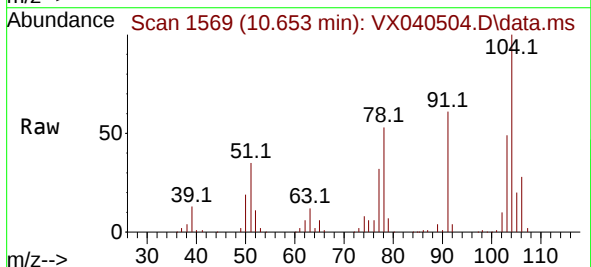
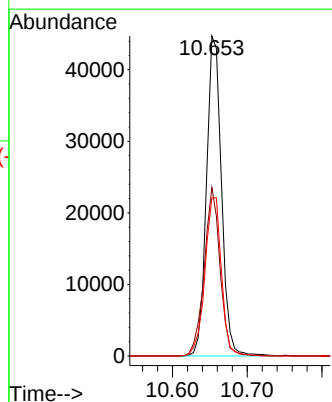
Manual Integrations
APPROVED

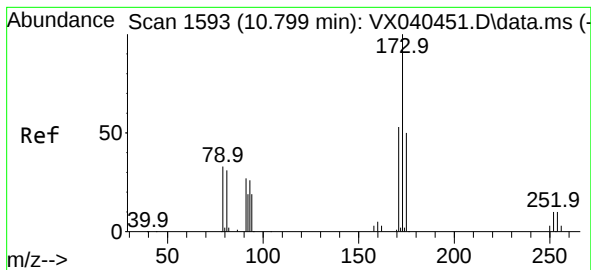
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#70
Styrene
Concen: 19.530 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Tgt Ion:104 Resp: 62330
Ion Ratio Lower Upper
104 100
78 55.7 43.6 65.4
103 54.5 43.6 65.4





#71

Bromoform

Concen: 19.636 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040504.D

Acq: 28 Feb 2024 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tgt Ion:173 Resp: 16588

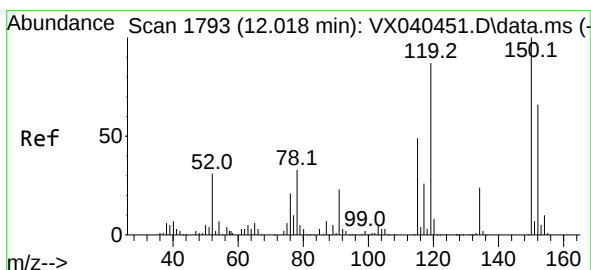
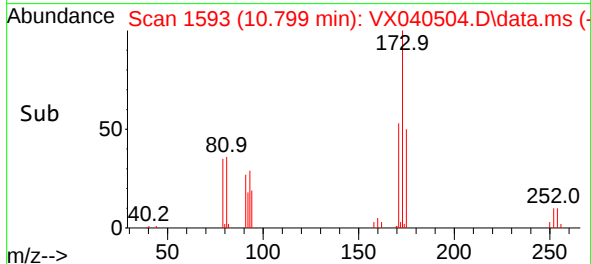
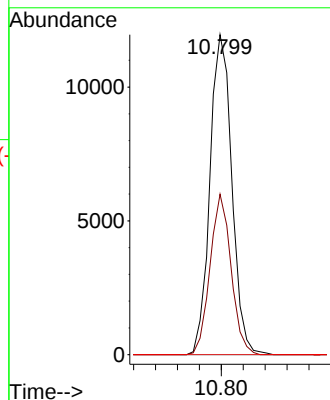
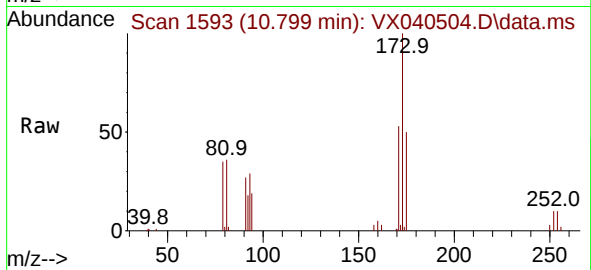
Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.1	72.4
254	0.0	0.0	0.0

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

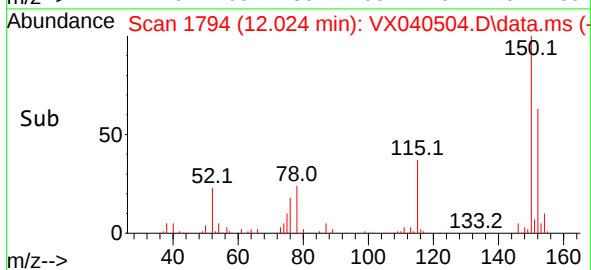
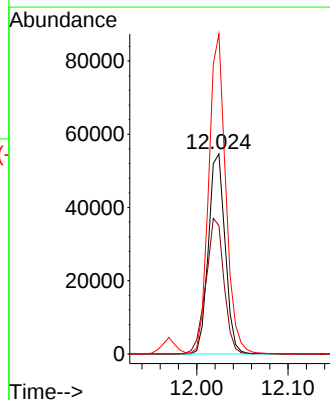
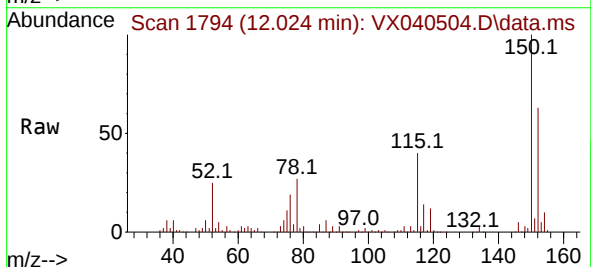
Delta R.T. 0.006 min

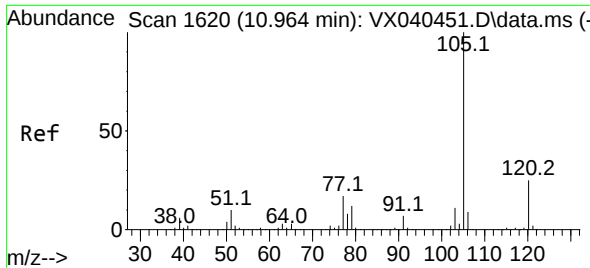
Lab File: VX040504.D

Acq: 28 Feb 2024 12:10

Tgt Ion:152 Resp: 69108

Ion	Ratio	Lower	Upper
152	100		
115	73.4	43.3	129.9
150	162.8	0.0	345.0





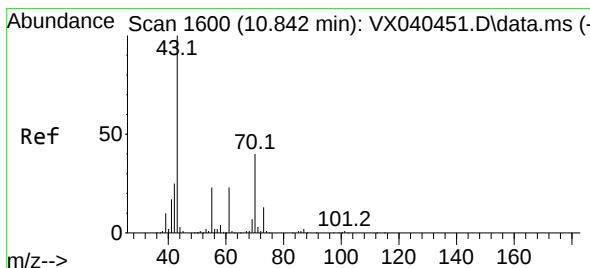
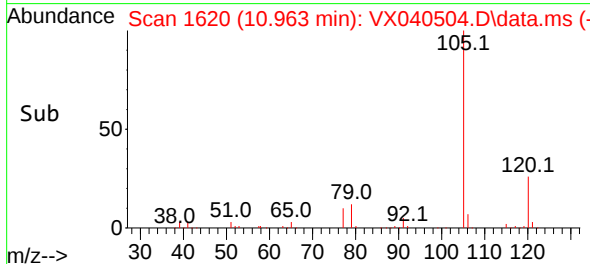
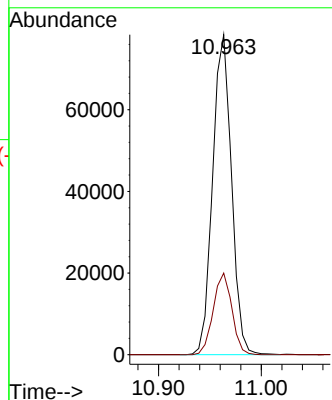
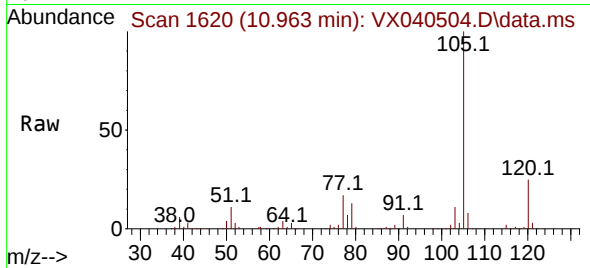
#73
Isopropylbenzene
Concen: 19.643 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion:105 Resp: 99972
Ion Ratio Lower Upper
105 100
120 25.2 12.9 38.6

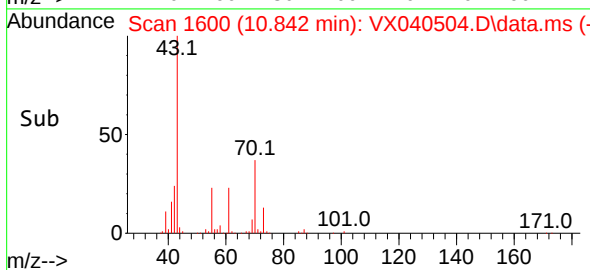
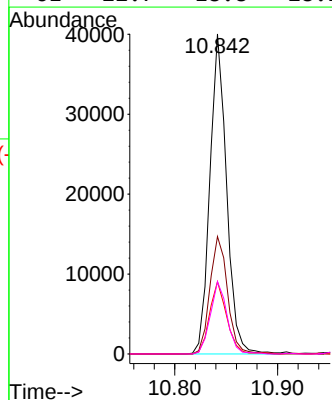
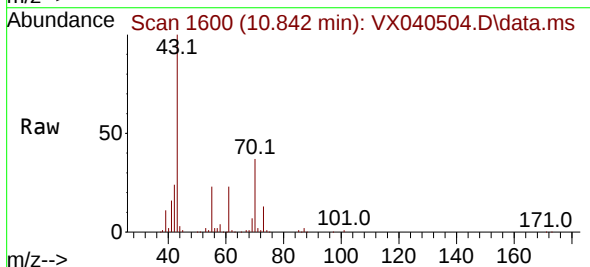
Manual Integrations
APPROVED

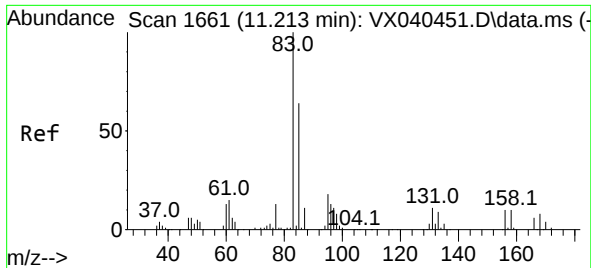
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#74
N-ethyl acetate
Concen: 19.159 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

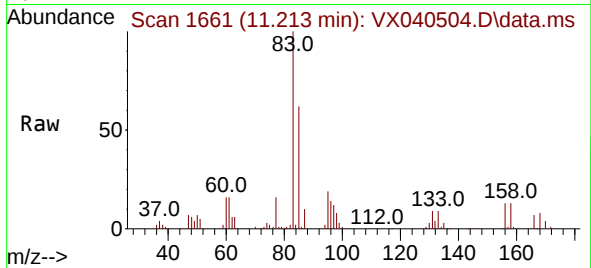
Tgt Ion: 43 Resp: 45288
Ion Ratio Lower Upper
43 100
70 38.8 32.9 49.3
55 23.0 19.3 28.9
61 22.7 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.376 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

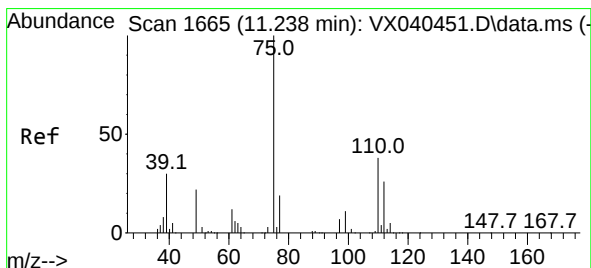
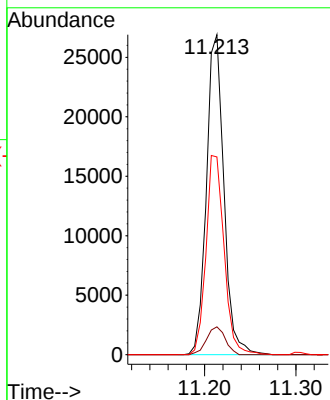
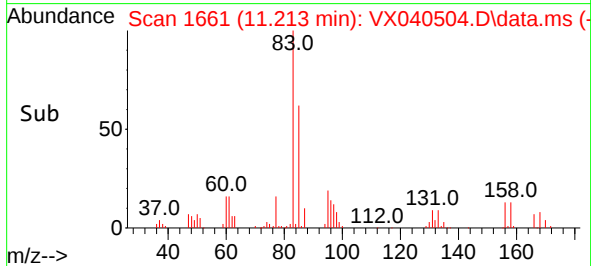
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



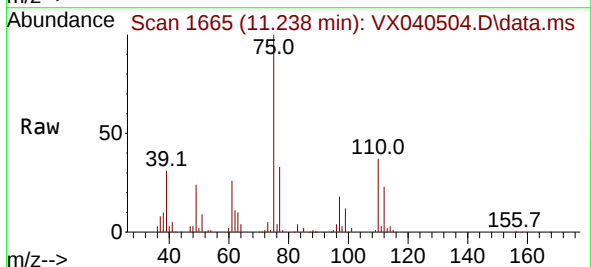
Tgt Ion: 83 Resp: 3566
Ion Ratio Lower Upper
83 100
131 9.3 5.3 15.8
85 64.5 32.0 96.2

Manual Integrations
APPROVED

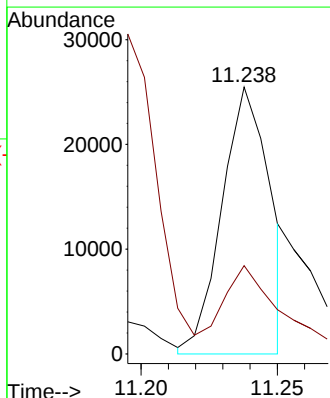
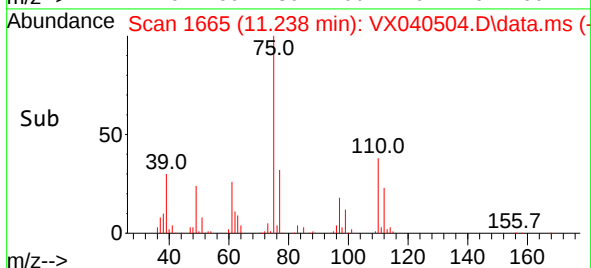
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

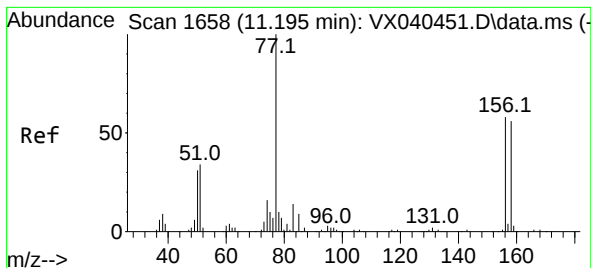


#76
1,2,3-Trichloropropane
Concen: 20.527 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10



Tgt Ion: 75 Resp: 31220
Ion Ratio Lower Upper
75 100
77 41.3 19.1 57.5





#77

Bromobenzene

Concen: 19.486 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX040504.D

Acq: 28 Feb 2024 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

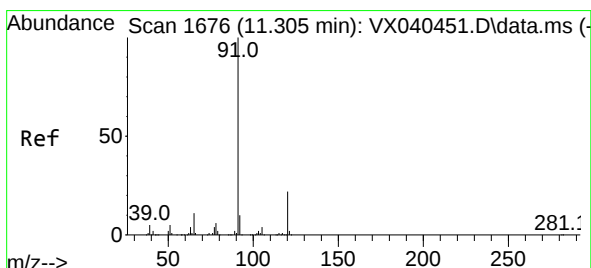
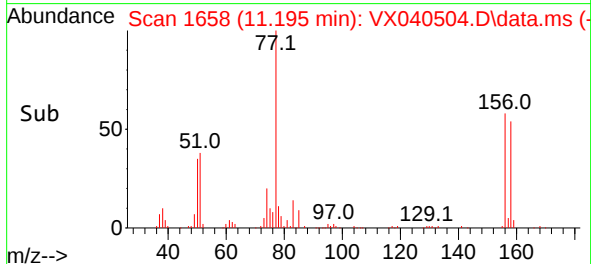
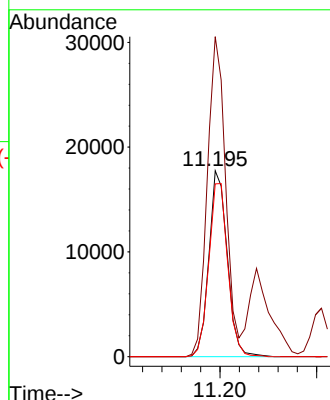
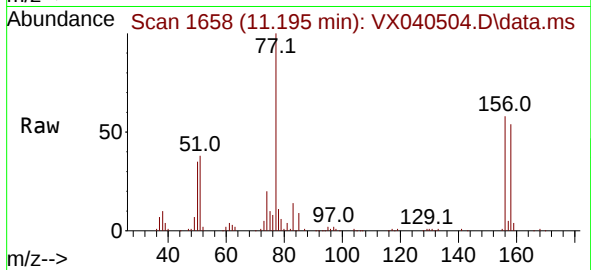
Tgt Ion:	156	Resp:	23450
Ion Ratio	Lower	Upper	
156	100		
77	171.0	88.4	265.3
158	96.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#78

n-propylbenzene

Concen: 19.215 ug/l

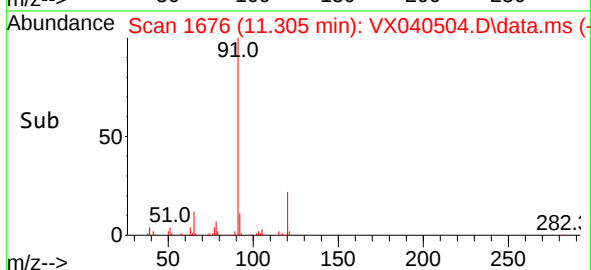
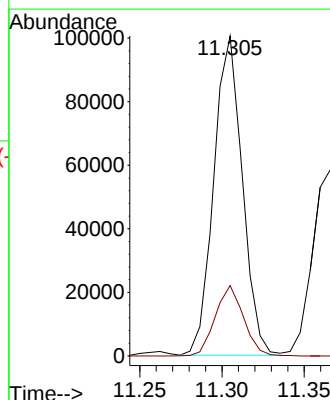
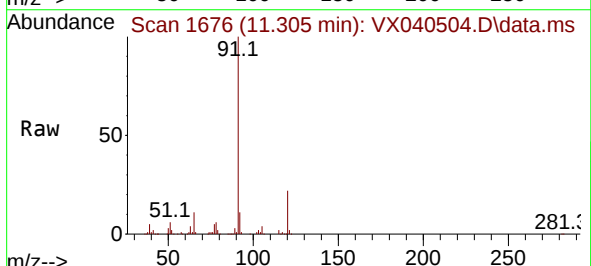
RT: 11.305 min Scan# 1676

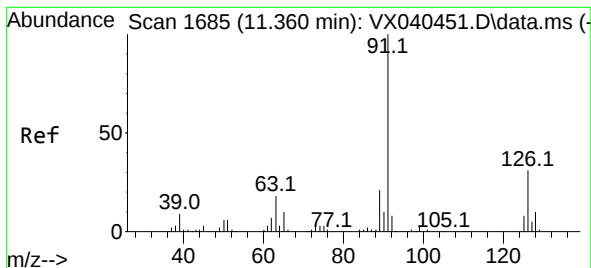
Delta R.T. -0.000 min

Lab File: VX040504.D

Acq: 28 Feb 2024 12:10

Tgt Ion:	91	Resp:	121306
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.5	34.4





#79

2-Chlorotoluene

Concen: 19.009 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040504.D

Acq: 28 Feb 2024 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tgt Ion: 91 Resp: 7224

Ion Ratio Lower Upper

91 100

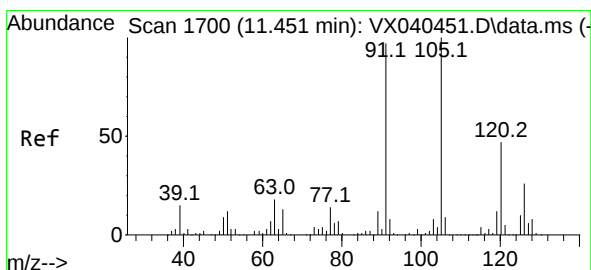
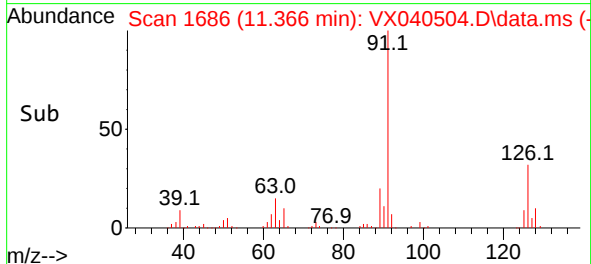
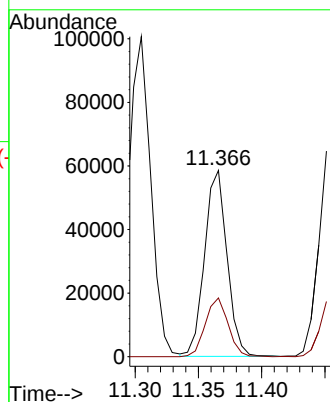
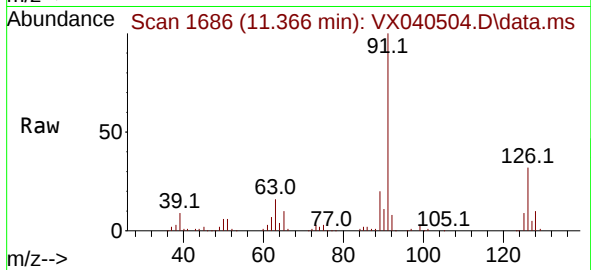
126 32.0 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.753 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040504.D

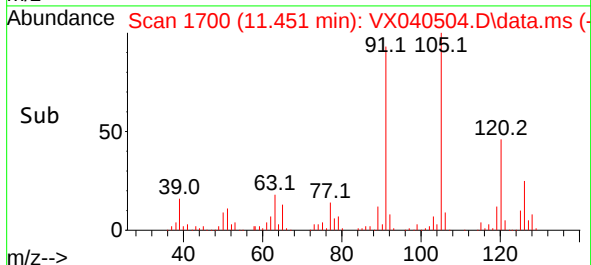
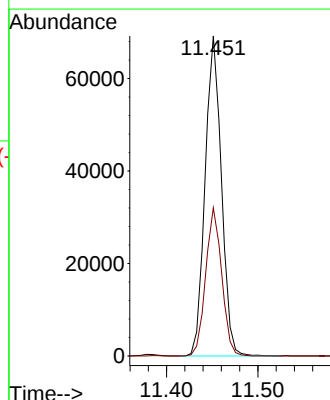
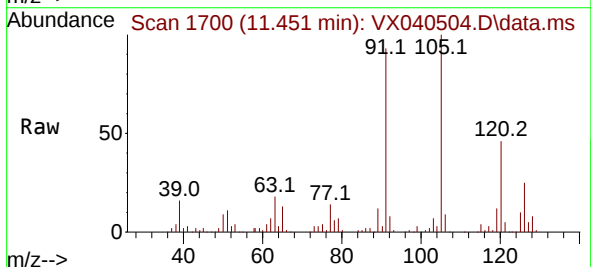
Acq: 28 Feb 2024 12:10

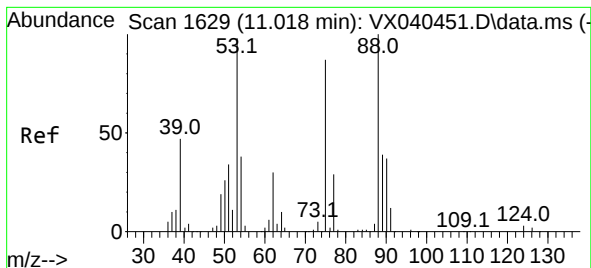
Tgt Ion:105 Resp: 85501

Ion Ratio Lower Upper

105 100

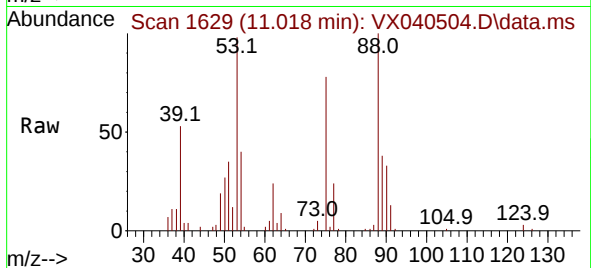
120 45.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.858 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

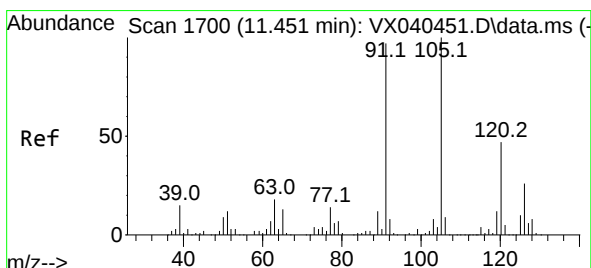
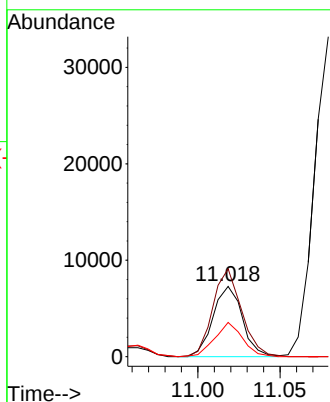
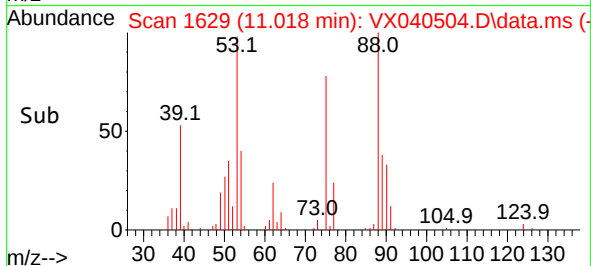
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion: 75 Resp: 9060
Ion Ratio Lower Upper
75 100
53 122.3 90.5 135.7
89 46.1 36.9 55.3

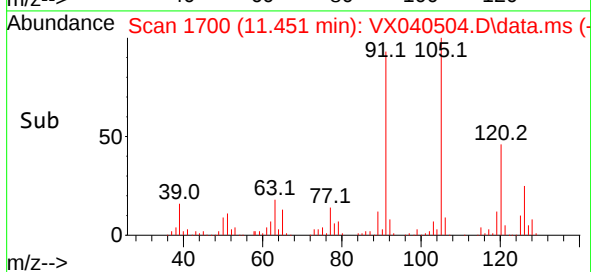
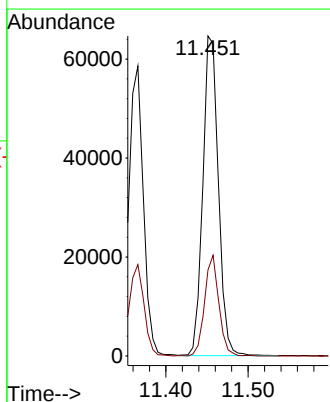
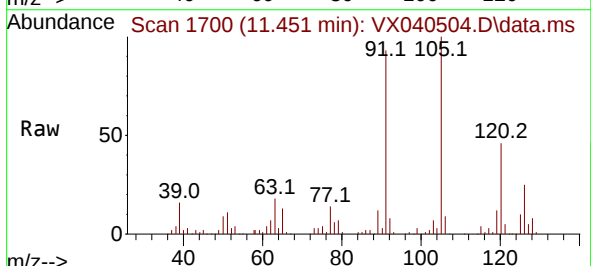
Manual Integrations
APPROVED

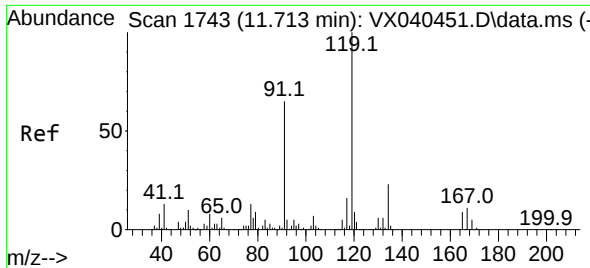
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#82
4-Chlorotoluene
Concen: 19.345 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

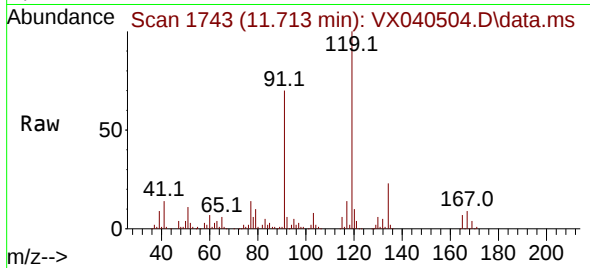
Tgt Ion: 91 Resp: 85013
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.312 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

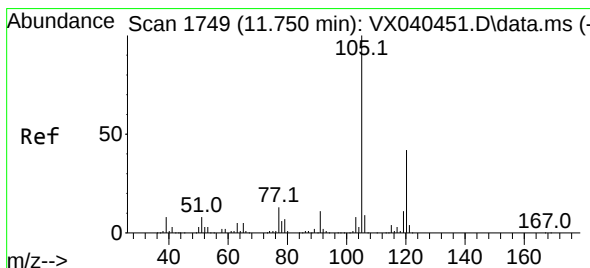
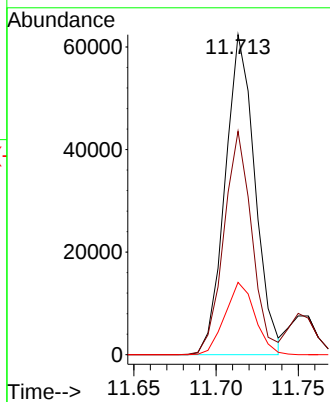
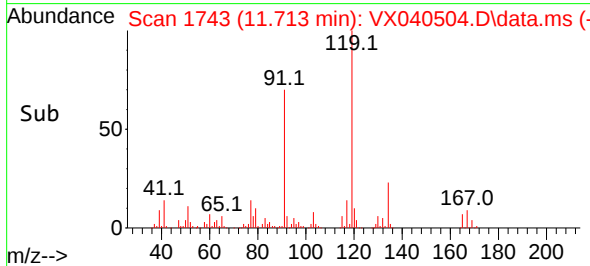
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion:119 Resp: 78808
Ion Ratio Lower Upper
119 100
91 66.1 31.2 93.6
134 22.7 11.7 35.0

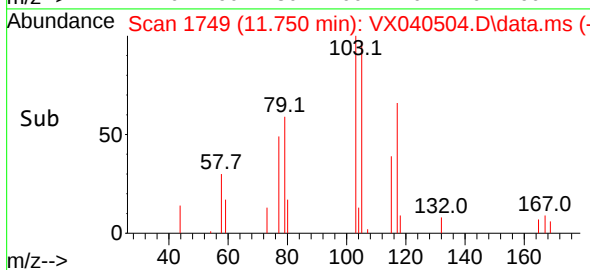
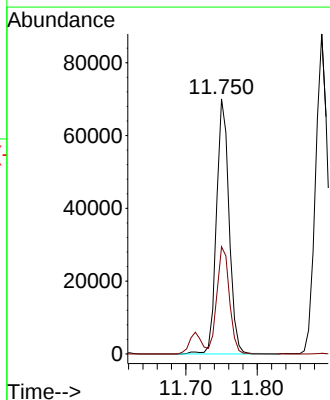
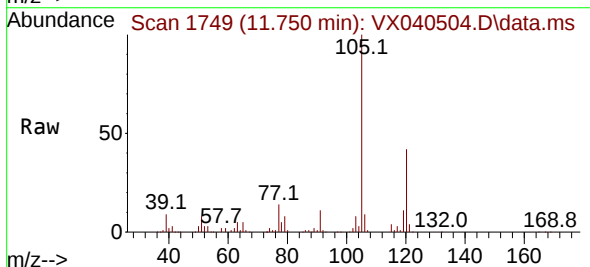
Manual Integrations
APPROVED

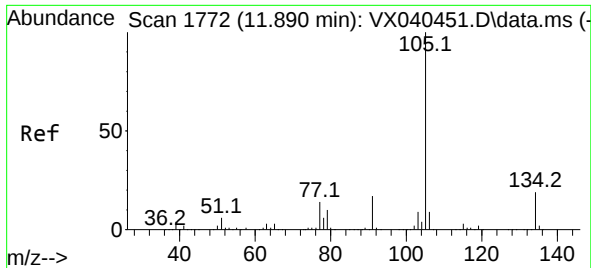
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#84
1,2,4-Trimethylbenzene
Concen: 19.878 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

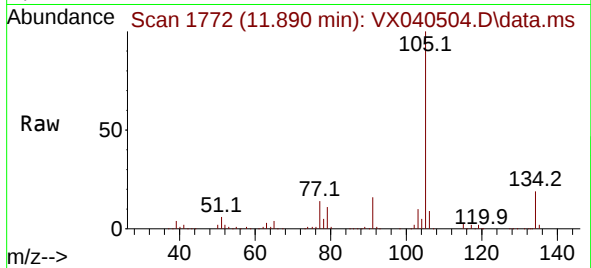
Tgt Ion:105 Resp: 85368
Ion Ratio Lower Upper
105 100
120 41.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 19.731 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040504.D
 Acq: 28 Feb 2024 12:10

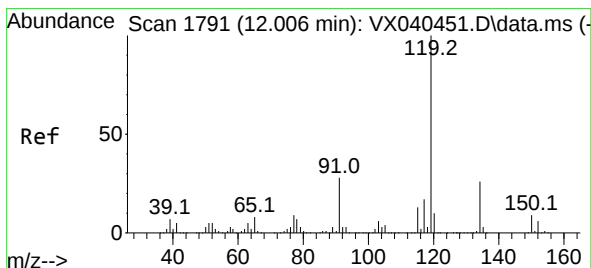
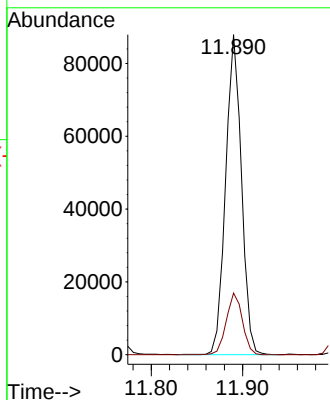
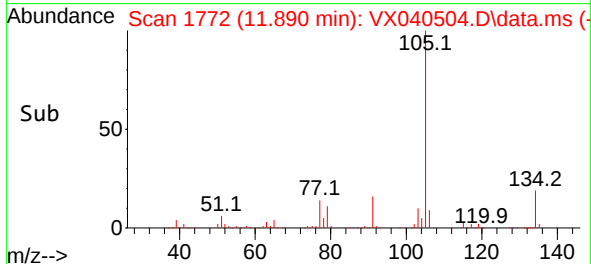
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01



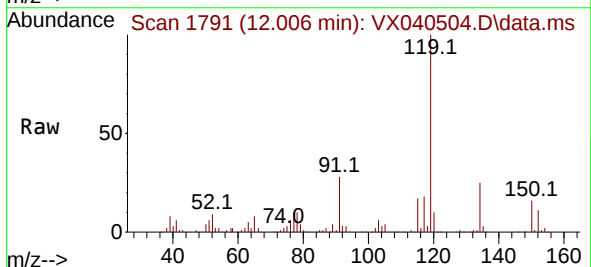
Tgt Ion:105 Resp: 105770
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

Manual Integrations
 APPROVED

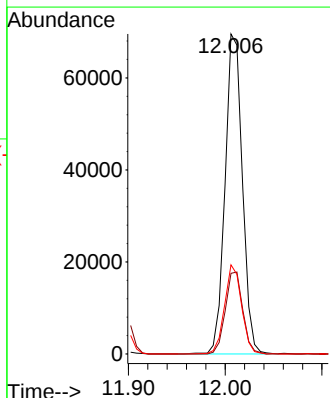
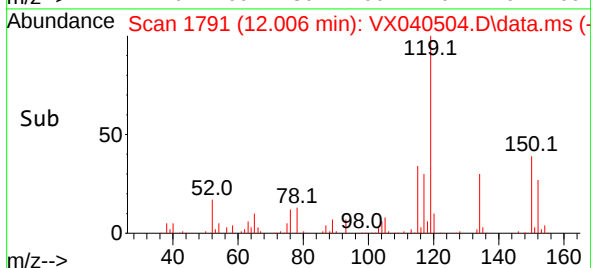
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024

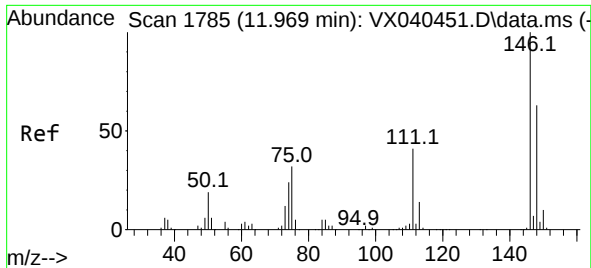


#86
 p-Isopropyltoluene
 Concen: 19.512 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040504.D
 Acq: 28 Feb 2024 12:10



Tgt Ion:119 Resp: 86224
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 27.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.031 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040504.D

Acq: 28 Feb 2024 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tgt Ion:146 Resp: 45650

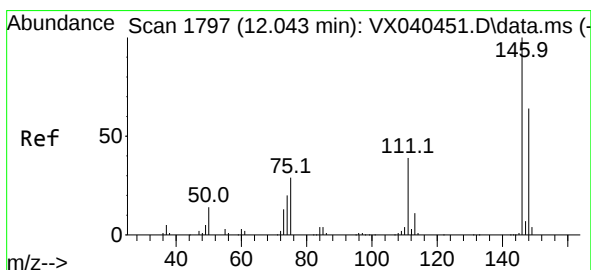
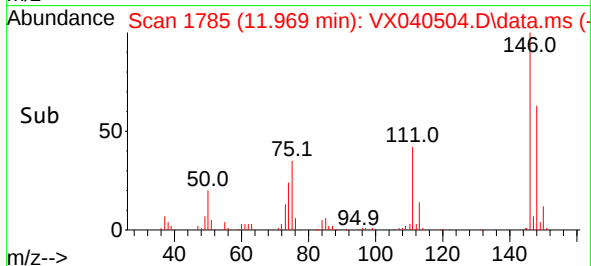
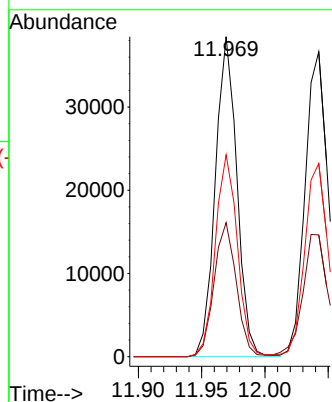
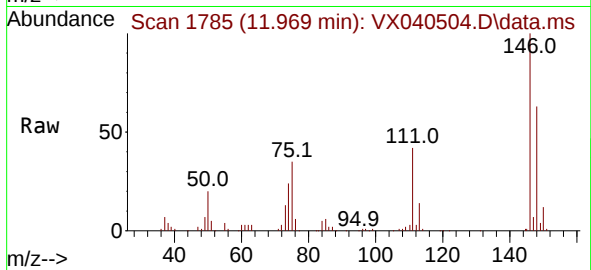
Ion	Ratio	Lower	Upper
146	100		
111	43.1	22.1	66.1
148	64.2	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#88

1,4-Dichlorobenzene

Concen: 18.891 ug/l

RT: 12.043 min Scan# 1797

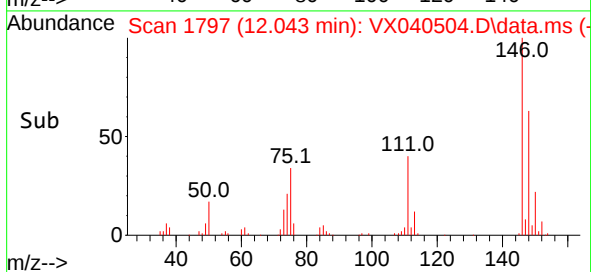
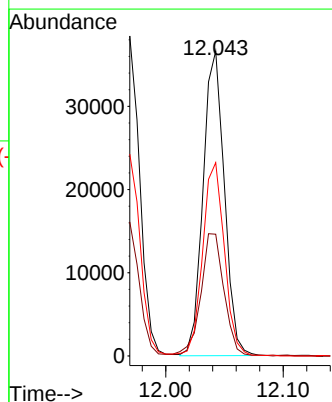
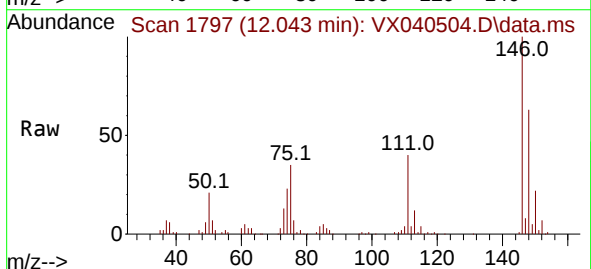
Delta R.T. -0.000 min

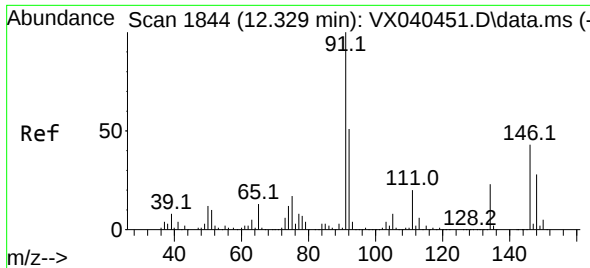
Lab File: VX040504.D

Acq: 28 Feb 2024 12:10

Tgt Ion:146 Resp: 46130

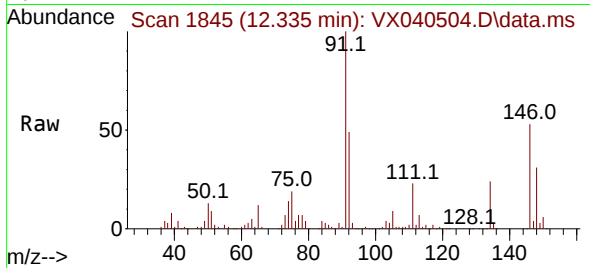
Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.3	63.7
148	65.0	31.8	95.4





#89
n-Butylbenzene
Concen: 19.085 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

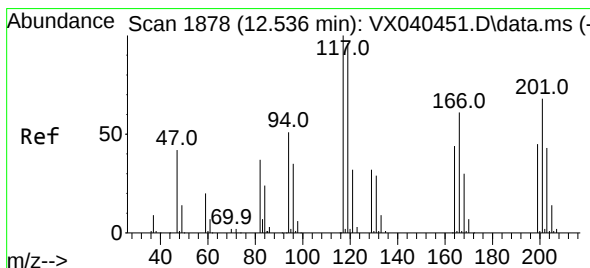
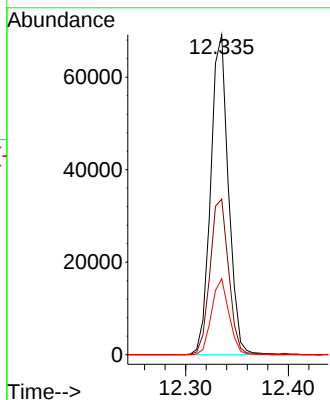
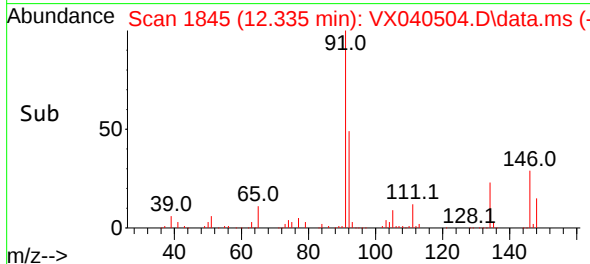
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion: 91 Resp: 8297
Ion Ratio Lower Upper
91 100
92 50.9 27.4 82.0
134 23.3 12.6 37.8

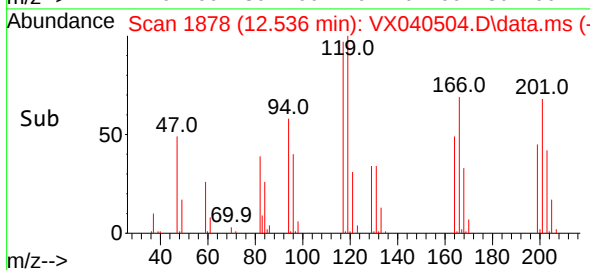
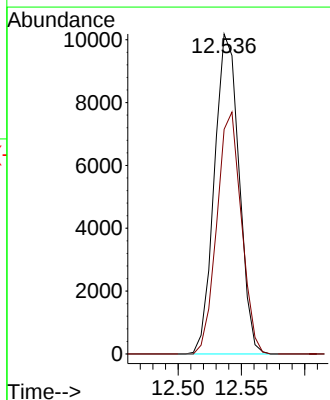
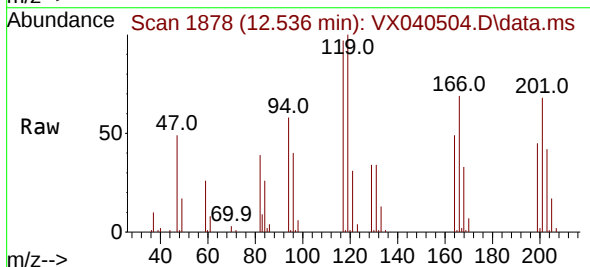
Manual Integrations
APPROVED

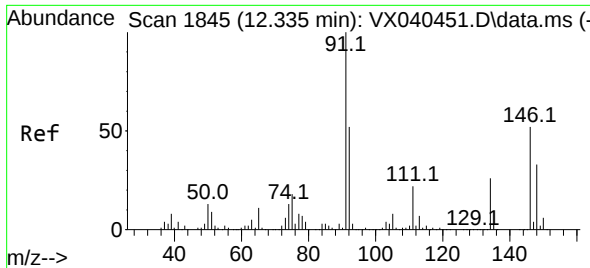
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#90
Hexachloroethane
Concen: 18.712 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

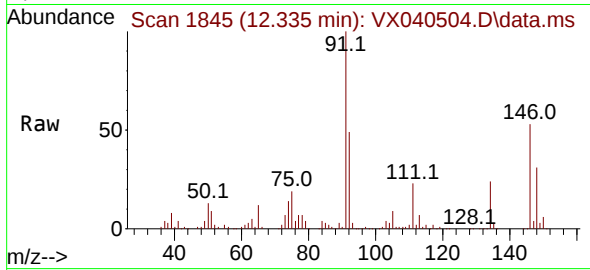
Tgt Ion:117 Resp: 13762
Ion Ratio Lower Upper
117 100
201 75.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.368 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

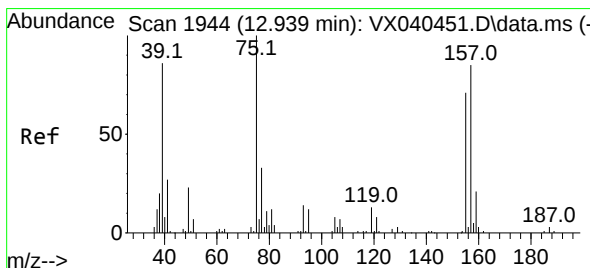
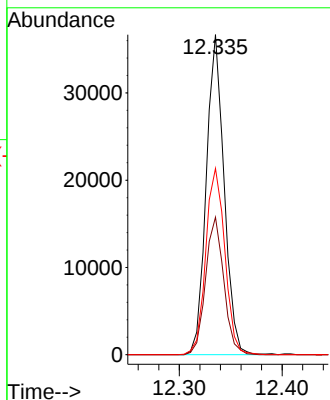
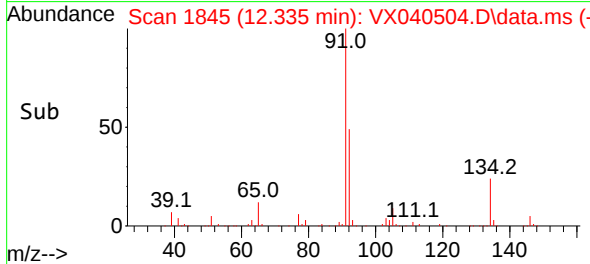
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01



Tgt Ion:146 Resp: 44272
Ion Ratio Lower Upper
146 100
111 43.9 22.4 67.0
148 62.4 31.6 95.0

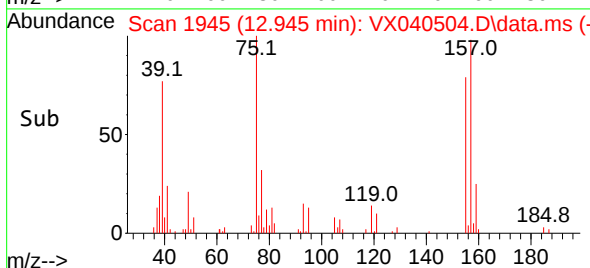
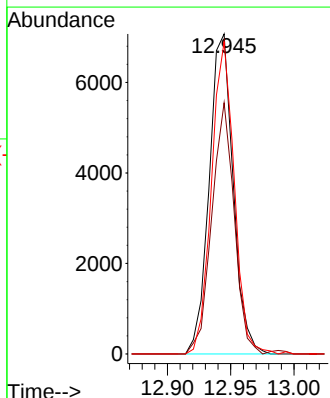
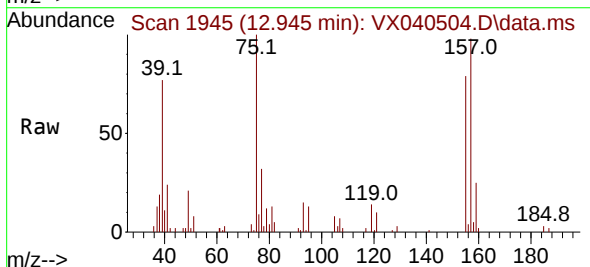
Manual Integrations
APPROVED

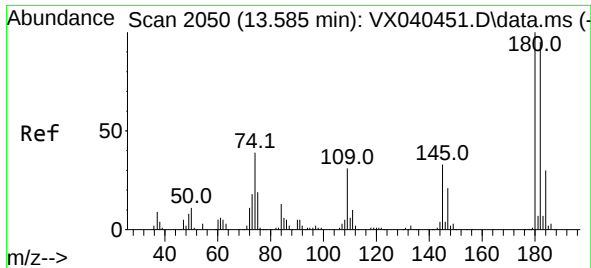
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.708 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Tgt Ion: 75 Resp: 9315
Ion Ratio Lower Upper
75 100
155 73.6 36.1 108.5
157 92.6 44.9 134.7





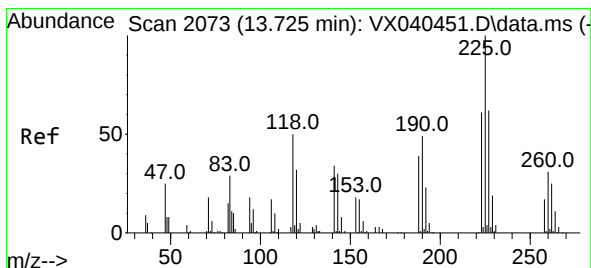
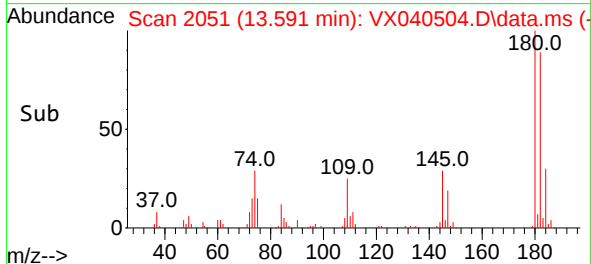
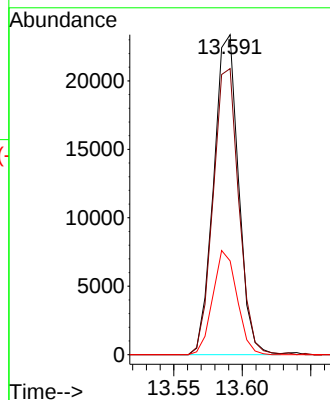
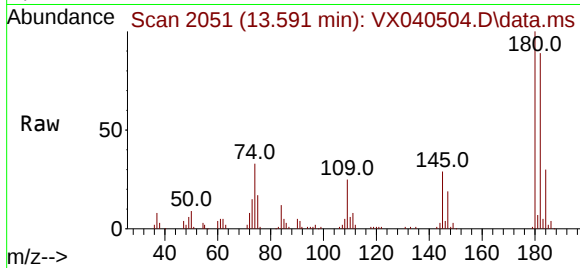
#93
1,2,4-Trichlorobenzene
Concen: 19.760 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Tgt Ion:180 Resp: 29478
Ion Ratio Lower Upper
180 100
182 92.4 48.3 144.8
145 31.8 18.0 54.0

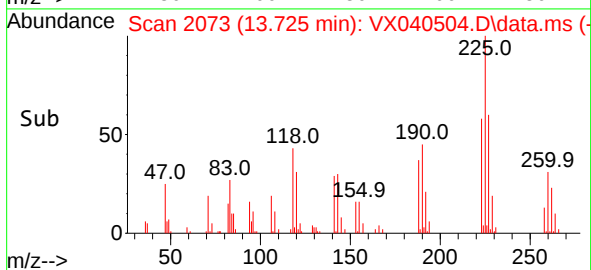
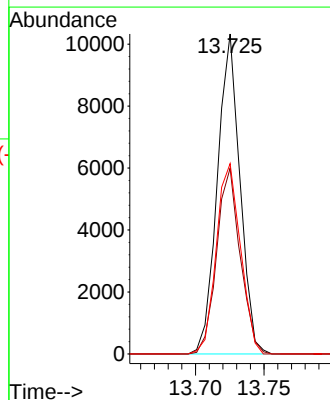
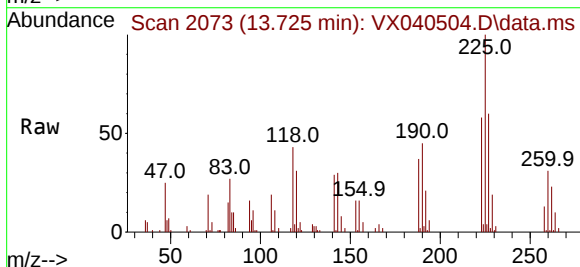
Manual Integrations
APPROVED

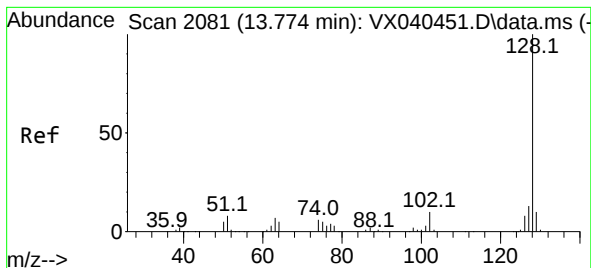
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#94
Hexachlorobutadiene
Concen: 19.401 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040504.D
Acq: 28 Feb 2024 12:10

Tgt Ion:225 Resp: 11829
Ion Ratio Lower Upper
225 100
223 60.4 31.1 93.2
227 63.9 32.5 97.5





#95

Naphthalene

Concen: 20.272 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040504.D

Acq: 28 Feb 2024 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBS01

Tgt Ion:128 Resp: 9664

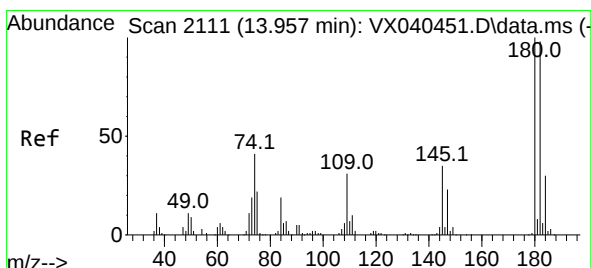
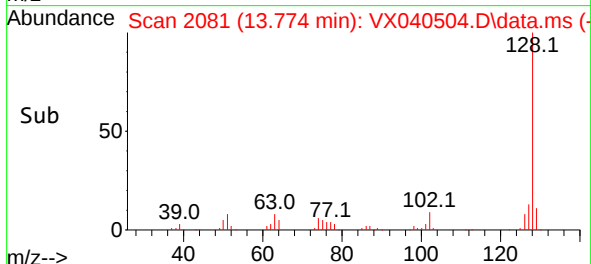
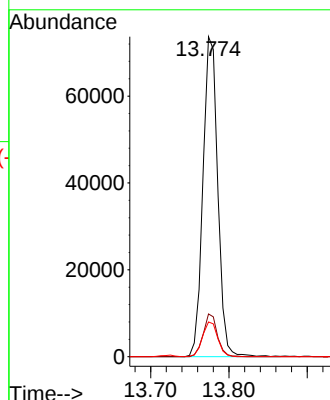
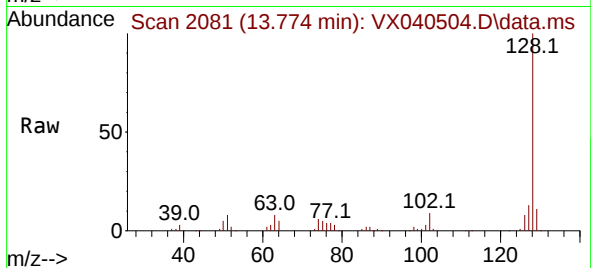
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.1	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#96

1,2,3-Trichlorobenzene

Concen: 19.937 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040504.D

Acq: 28 Feb 2024 12:10

Tgt Ion:180 Resp: 28273

Ion	Ratio	Lower	Upper
180	100		
182	96.5	46.9	140.6
145	34.2	17.8	53.5

