

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036624.D
 Acq On : 24 Jul 2023 12:09
 Operator : JC/MD
 Sample : VX0724WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/25/2023
 Supervised By : Mahesh Dadoda 07/25/2023

Quant Time: Jul 25 06:34:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	179821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	310130	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	133570	50.201	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.400%			
35) Dibromofluoromethane	5.379	113	107495	50.428	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.860%			
50) Toluene-d8	8.647	98	384276	50.835	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.660%			
62) 4-Bromofluorobenzene	11.079	95	151982	53.289	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42208	17.768	ug/l	98
3) Chloromethane	1.295	50	37707	17.452	ug/l	96
4) Vinyl Chloride	1.374	62	39567	17.987	ug/l	98
5) Bromomethane	1.612	94	24514	18.666	ug/l	100
6) Chloroethane	1.685	64	22133	20.695	ug/l	99
7) Trichlorofluoromethane	1.886	101	64213	18.902	ug/l	99
8) Diethyl Ether	2.136	74	24777	18.852	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	39344	19.277	ug/l	99
10) Methyl Iodide	2.453	142	41371	19.516	ug/l	92
11) Tert butyl alcohol	2.983	59	62251	98.825	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	37478	18.613	ug/l	89
13) Acrolein	2.239	56	34380	95.636	ug/l	98
14) Allyl chloride	2.666	41	72086	18.181	ug/l	93
15) Acrylonitrile	3.062	53	128050	101.084	ug/l	99
16) Acetone	2.386	43	107460	97.328	ug/l	93
17) Carbon Disulfide	2.514	76	99835	17.965	ug/l	98
18) Methyl Acetate	2.703	43	92975	20.017	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	150855	19.937	ug/l	98
20) Methylene Chloride	2.788	84	45446	18.508	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	41134	18.278	ug/l	93
22) Diisopropyl ether	3.757	45	145302	19.301	ug/l	94
23) Vinyl Acetate	3.721	43	574346	99.457	ug/l	96
24) 1,1-Dichloroethane	3.611	63	80004	18.954	ug/l	97
25) 2-Butanone	4.556	43	181638	101.398	ug/l	95
26) 2,2-Dichloropropane	4.471	77	72628	18.261	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	49716	18.600	ug/l	95
28) Bromochloromethane	4.891	49	45091	22.089	ug/l	92
29) Tetrahydrofuran	5.007	42	117467	101.711	ug/l	94
30) Chloroform	5.093	83	83700	19.383	ug/l	95
31) Cyclohexane	5.471	56	68055	18.473	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	75377	19.050	ug/l	97
36) 1,1-Dichloropropene	5.690	75	58232	18.328	ug/l	97
37) Ethyl Acetate	4.709	43	71339	19.838	ug/l	97
38) Carbon Tetrachloride	5.678	117	64380	19.060	ug/l	95
39) Methylcyclohexane	7.379	83	73891	18.703	ug/l	95
40) Benzene	6.038	78	175508	18.986	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39324	20.445	ug/l	93
42) 1,2-Dichloroethane	6.086	62	65774	19.461	ug/l	95
43) Isopropyl Acetate	6.342	43	121056	19.556	ug/l	96
44) Trichloroethene	7.123	130	46525	19.255	ug/l	97
45) 1,2-Dichloropropane	7.428	63	47329	19.177	ug/l	97
46) Dibromomethane	7.580	93	34580	20.020	ug/l	97
47) Bromodichloromethane	7.818	83	68965	19.451	ug/l	99
48) Methyl methacrylate	7.690	41	57487	19.969	ug/l	93
49) 1,4-Dioxane	7.690	88	24310	418.006	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	359463	104.933	ug/l	97
52) Toluene	8.720	92	110050	19.000	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	78454	19.577	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	81349	19.238	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	47820	19.640	ug/l	94
56) Ethyl methacrylate	9.116	69	80180	20.223	ug/l	94
57) 1,3-Dichloropropane	9.305	76	81046	19.985	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	199152	101.945	ug/l	99
59) 2-Hexanone	9.427	43	272849	107.319	ug/l	95
60) Dibromochloromethane	9.519	129	53767	20.092	ug/l	100
61) 1,2-Dibromoethane	9.610	107	51031	20.223	ug/l	100
64) Tetrachloroethene	9.275	164	40892	19.168	ug/l	97
65) Chlorobenzene	10.079	112	119895	19.017	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	47212	19.374	ug/l	97
67) Ethyl Benzene	10.195	91	217611	18.894	ug/l	100
68) m/p-Xylenes	10.299	106	167799	39.048	ug/l	99
69) o-Xylene	10.640	106	82713	19.283	ug/l	100
70) Styrene	10.653	104	136814	19.332	ug/l	98
71) Bromoform	10.799	173	39442	19.995	ug/l #	98
73) Isopropylbenzene	10.963	105	215157	18.513	ug/l	99
74) N-amyl acetate	10.842	43	104373	19.258	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	75727	19.291	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	64663m	19.576	ug/l	
77) Bromobenzene	11.195	156	50117	18.935	ug/l	98
78) n-propylbenzene	11.305	91	253515	18.861	ug/l	100
79) 2-Chlorotoluene	11.366	91	151351	18.582	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	183904	18.915	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27729	19.027	ug/l	86
82) 4-Chlorotoluene	11.451	91	173612	18.708	ug/l	99
83) tert-Butylbenzene	11.713	119	180796	18.928	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	184013	18.924	ug/l	97
85) sec-Butylbenzene	11.890	105	225302	18.914	ug/l	100
86) p-Isopropyltoluene	12.006	119	190027	19.387	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	95412	19.463	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	94793	19.485	ug/l	99
89) n-Butylbenzene	12.329	91	169758	19.347	ug/l	99
90) Hexachloroethane	12.536	117	37848	19.047	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	93489	19.763	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17134	18.784	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	55980	19.207	ug/l	97
94) Hexachlorobutadiene	13.725	225	22806	18.914	ug/l	97
95) Naphthalene	13.774	128	196078	19.306	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	54693	19.040	ug/l	98

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Misc : 5.0mL/MSVOA_X/WATER
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MSVOA_X
ClientSampleId :
VX0724WBSD01

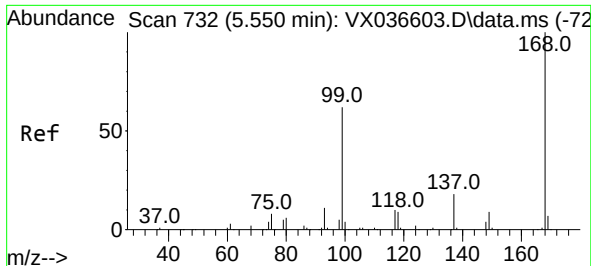
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

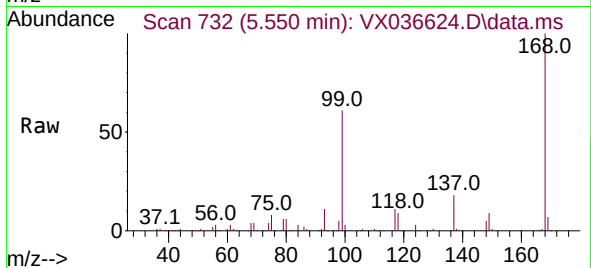
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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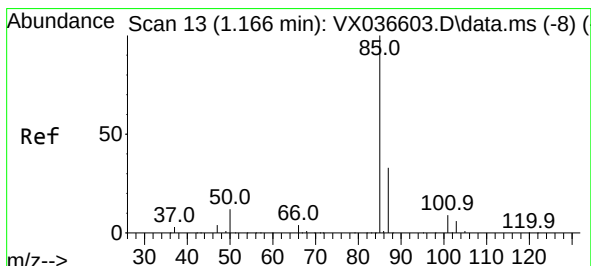
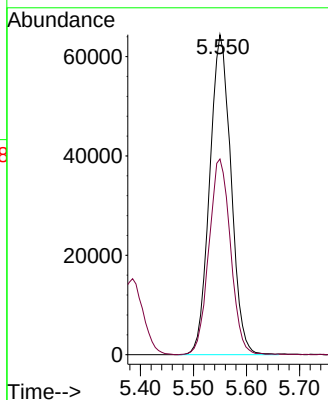
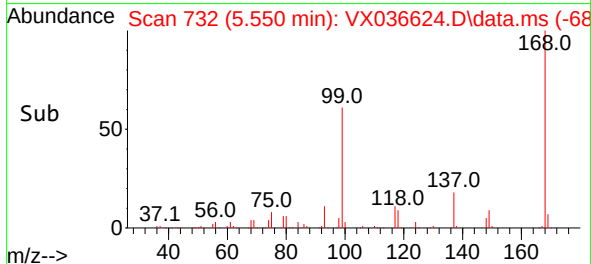
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



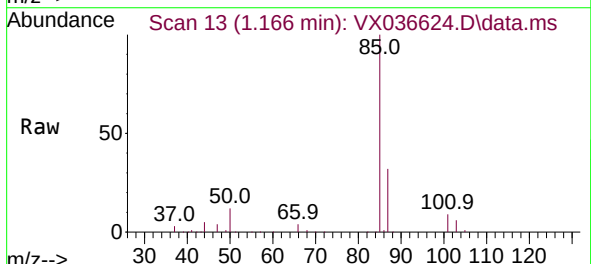
Tgt Ion:168 Resp: 17982
Ion Ratio Lower Upper
168 100
99 61.1 56.6 85.0

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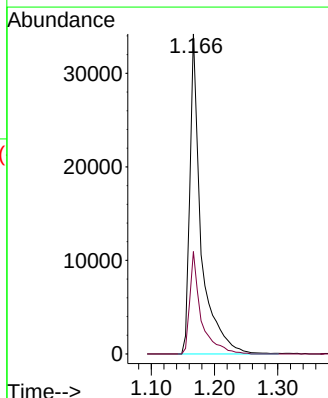
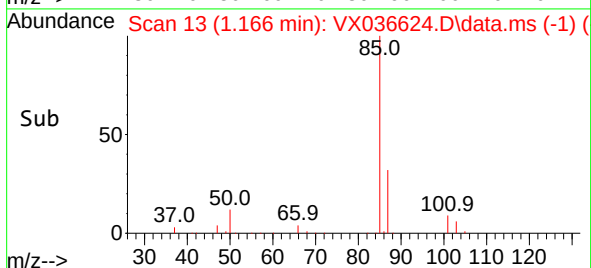
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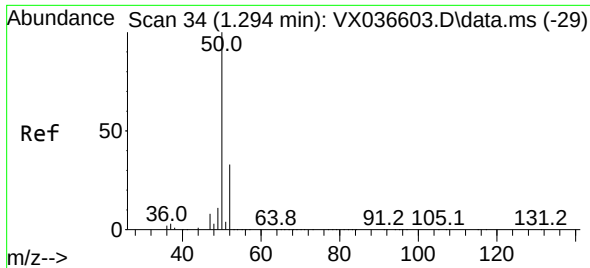


#2
Dichlorodifluoromethane
Concen: 17.768 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09



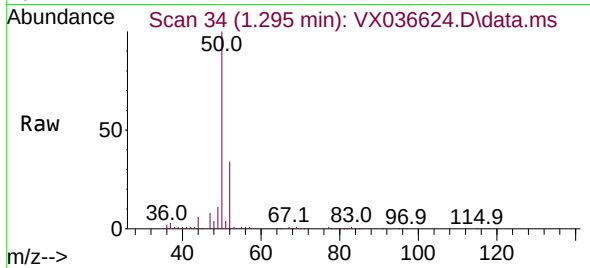
Tgt Ion: 85 Resp: 42208
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.1





#3
Chloromethane
Concen: 17.452 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

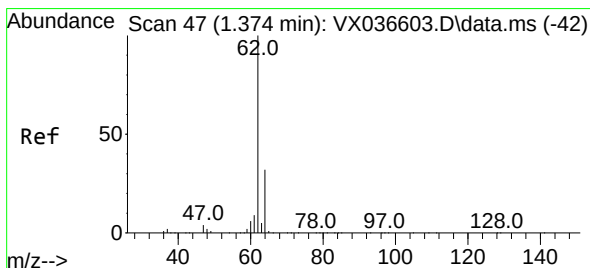
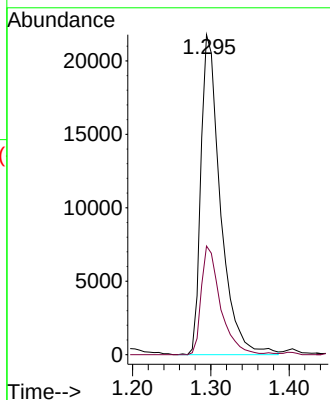
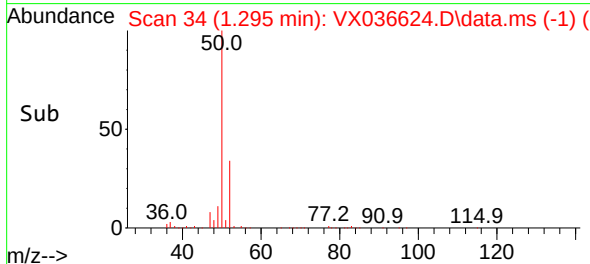
Instrument :
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VX0724WBSD01



Tgt Ion: 50 Resp: 3770
Ion Ratio Lower Upper
50 100
52 34.0 25.5 38.3

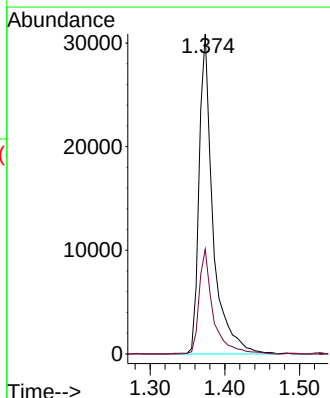
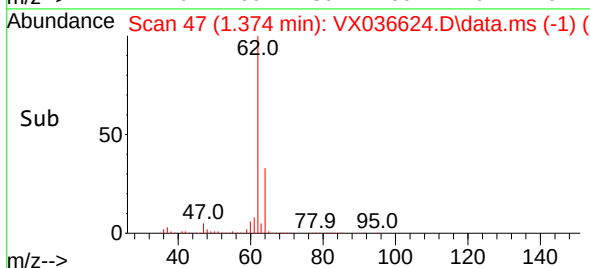
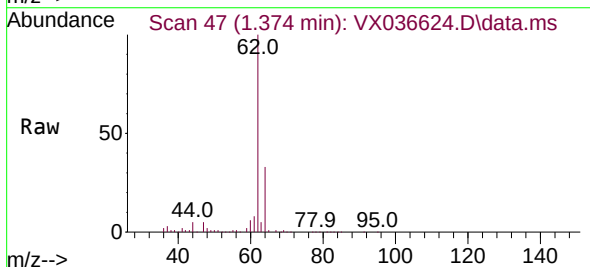
Manual Integrations
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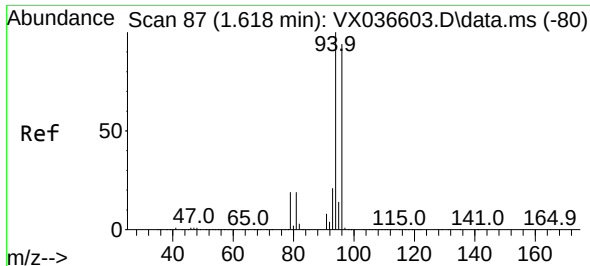
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#4
Vinyl Chloride
Concen: 17.987 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

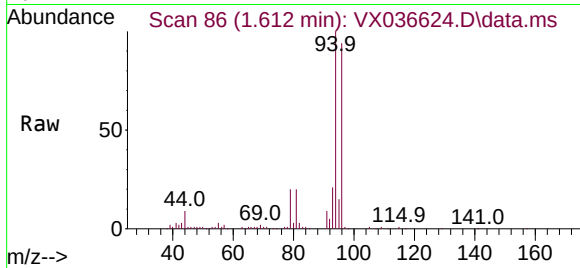
Tgt Ion: 62 Resp: 39567
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0





#5
Bromomethane
Concen: 18.666 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

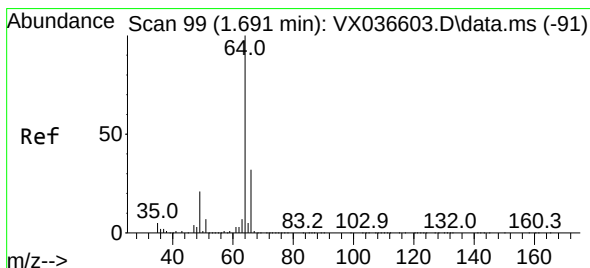
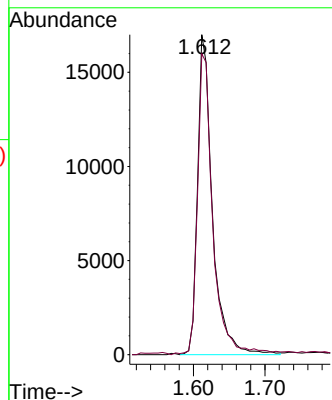
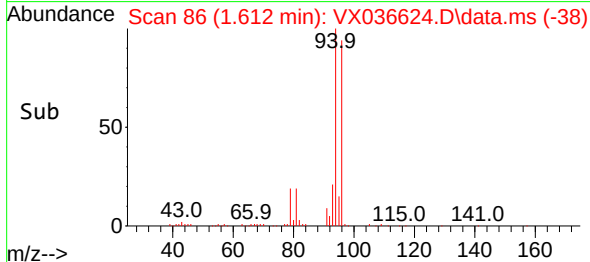
Instrument :
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Tgt Ion: 94 Resp: 24514
Ion Ratio Lower Upper
94 100
96 93.7 74.6 111.8

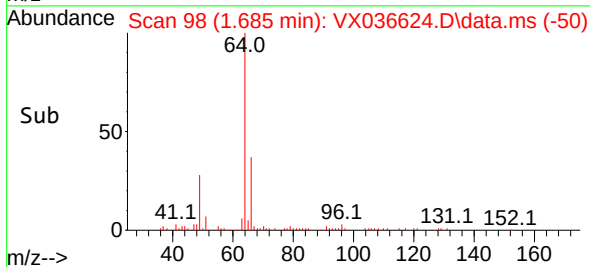
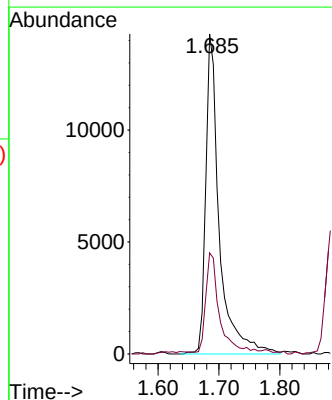
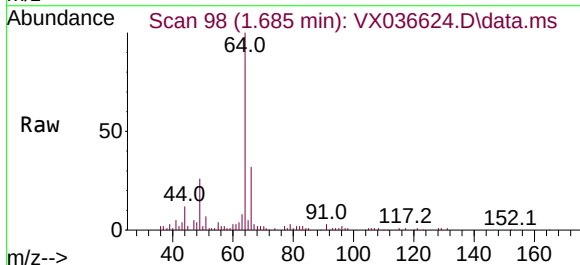
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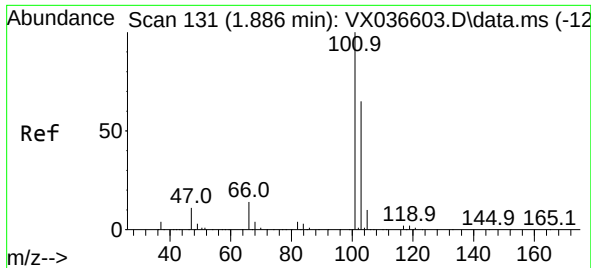
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#6
Chloroethane
Concen: 20.695 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Tgt Ion: 64 Resp: 22133
Ion Ratio Lower Upper
64 100
66 31.1 25.1 37.7





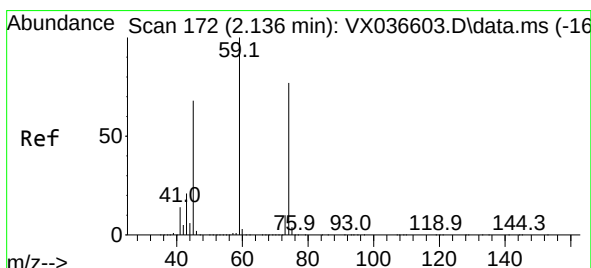
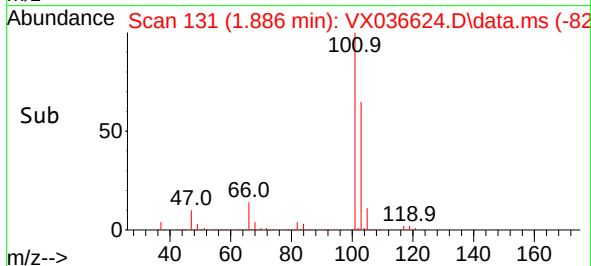
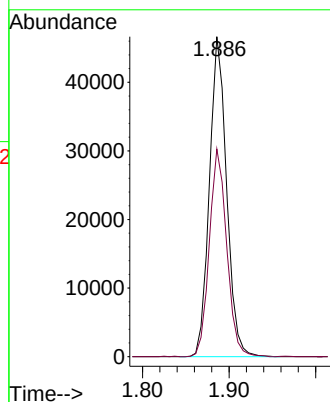
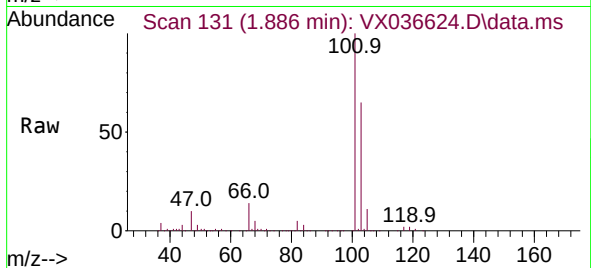
#7
 Trichlorofluoromethane
 Concen: 18.902 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036624.D
 Acq: 24 Jul 2023 12:09

Instrument :
 MSVOA_X
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 VX0724WBSD01

Tgt Ion:101 Resp: 6421
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.4 77.2

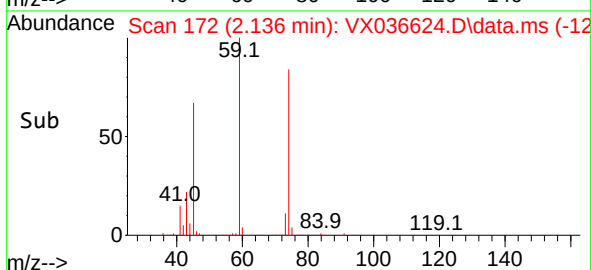
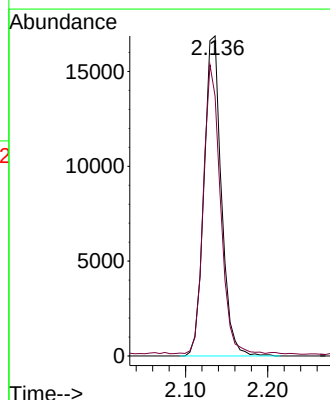
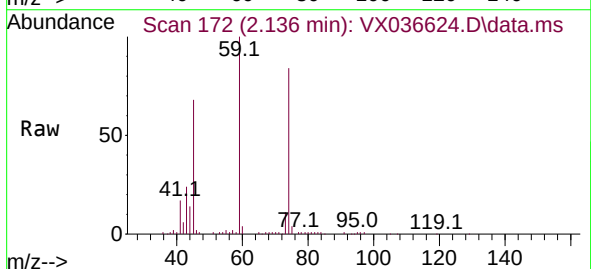
Manual Integrations
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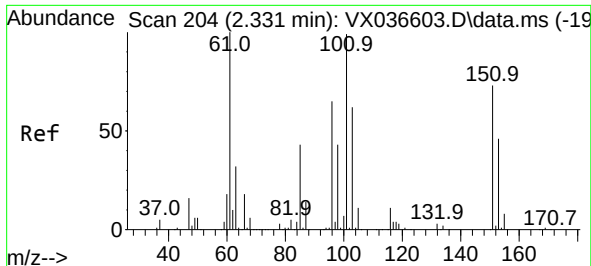
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023



#8
 Diethyl Ether
 Concen: 18.852 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX036624.D
 Acq: 24 Jul 2023 12:09

Tgt Ion: 74 Resp: 24777
 Ion Ratio Lower Upper
 74 100
 45 87.9 53.3 159.8





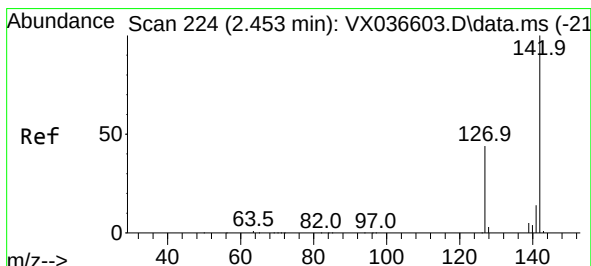
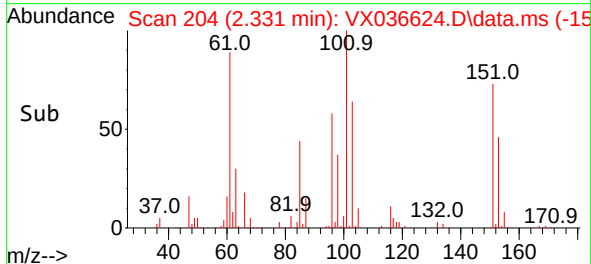
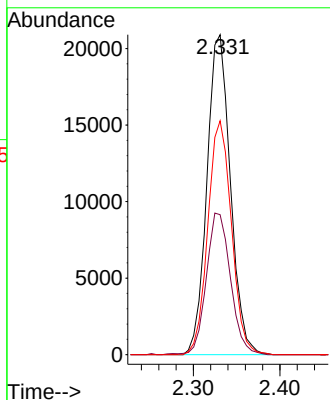
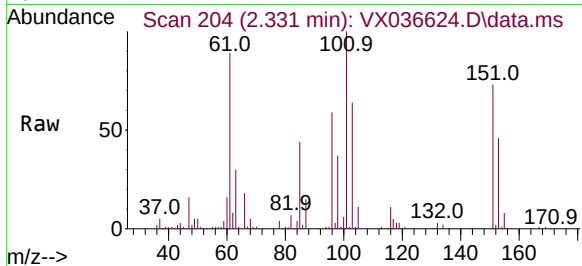
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.277 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Instrument :
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Tgt Ion:101 Resp: 3934
Ion Ratio Lower Upper
101 100
85 45.5 37.0 55.6
151 73.6 58.6 87.8

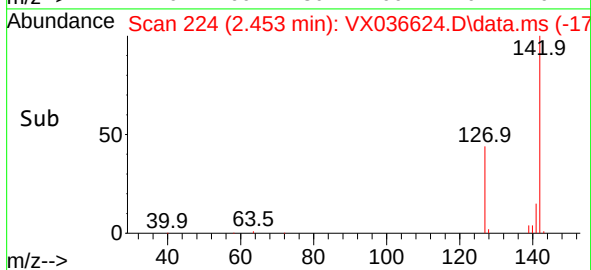
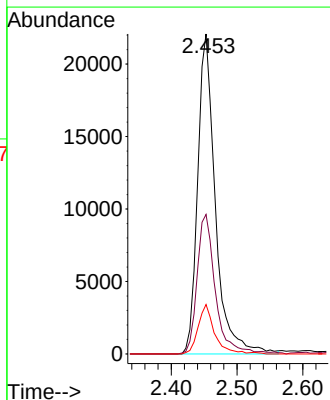
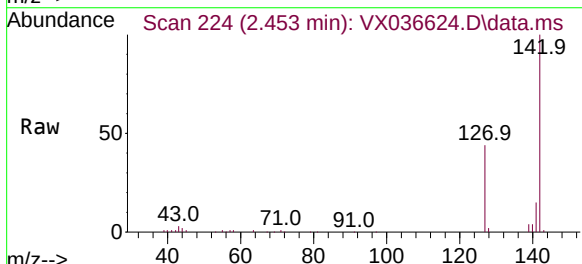
Manual Integrations
APPROVED

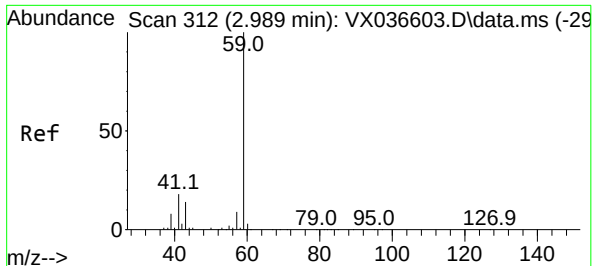
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#10
Methyl Iodide
Concen: 19.516 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Tgt Ion:142 Resp: 41371
Ion Ratio Lower Upper
142 100
127 45.1 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 98.825 ug/l

RT: 2.983 min Scan# 312

Delta R.T. -0.006 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tgt Ion: 59 Resp: 6225

Ion Ratio Lower Upper

59 100

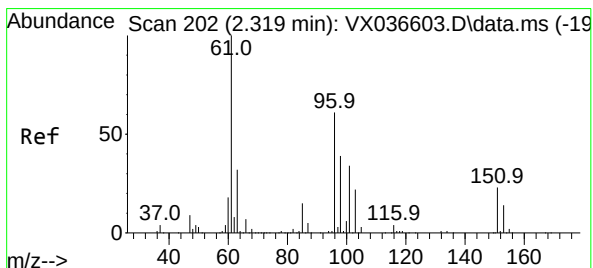
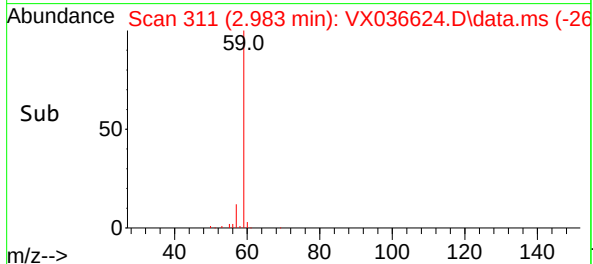
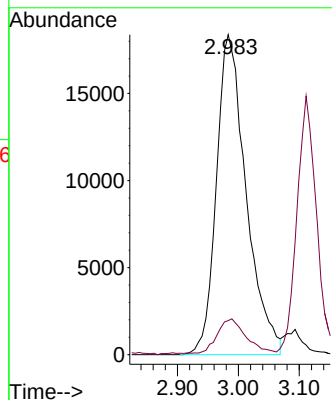
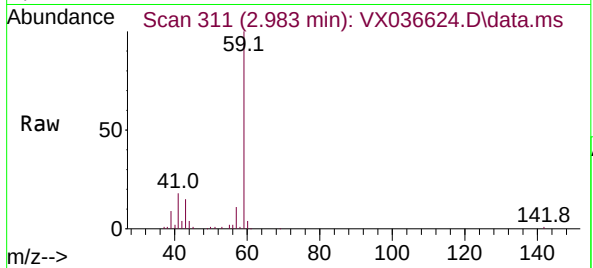
57 10.4 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#12

1,1-Dichloroethene

Concen: 18.613 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

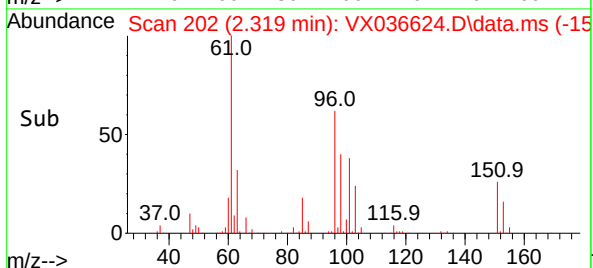
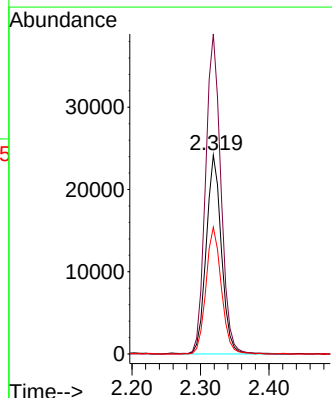
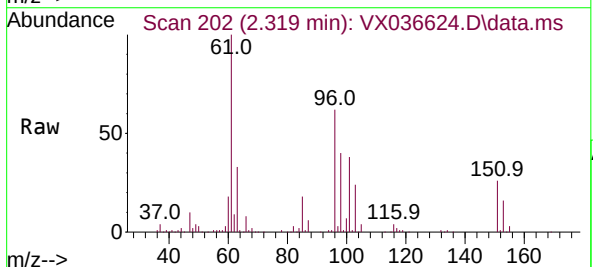
Tgt Ion: 96 Resp: 37478

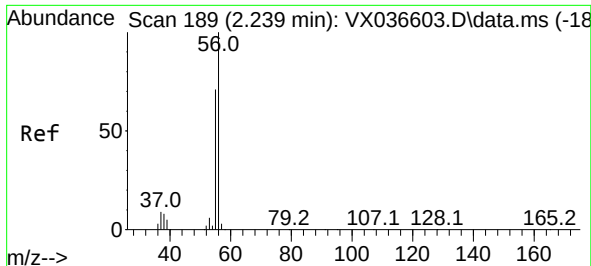
Ion Ratio Lower Upper

96 100

61 160.8 144.6 216.8

98 63.7 50.4 75.6





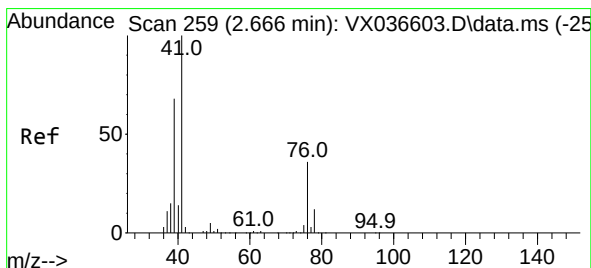
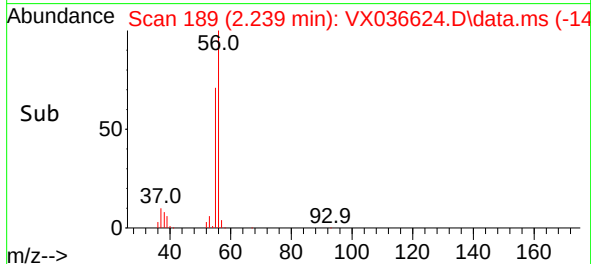
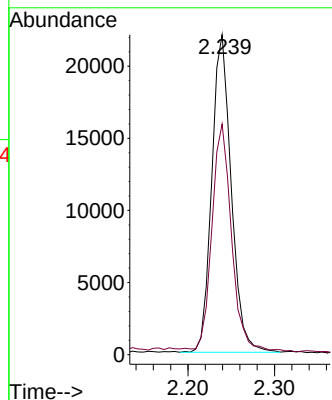
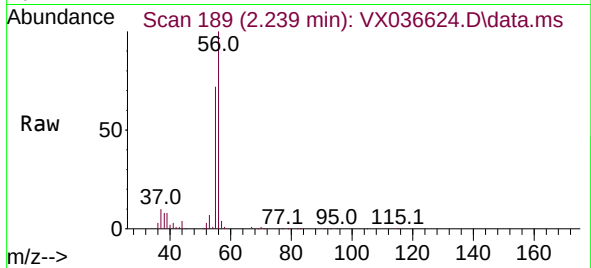
#13
Acrolein
Concen: 95.636 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion: 56 Resp: 34380
Ion Ratio Lower Upper
56 100
55 72.9 57.1 85.7

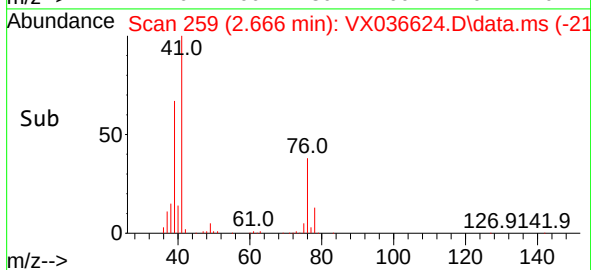
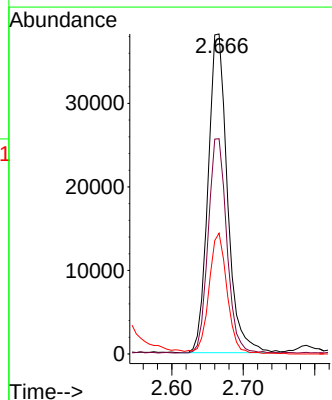
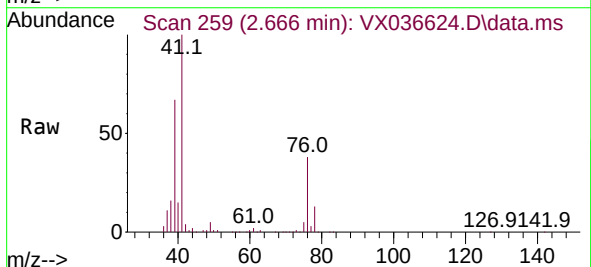
Manual Integrations
APPROVED

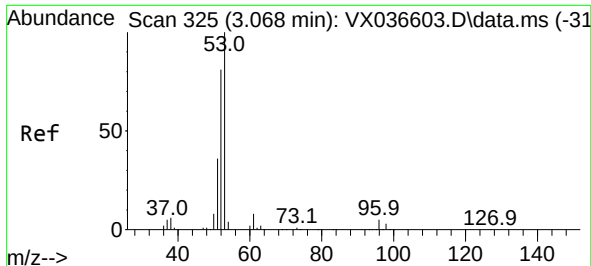
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#14
Allyl chloride
Concen: 18.181 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Tgt Ion: 41 Resp: 72086
Ion Ratio Lower Upper
41 100
39 64.4 55.8 83.6
76 35.8 24.3 36.5





#15

Acrylonitrile

Concen: 101.084 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

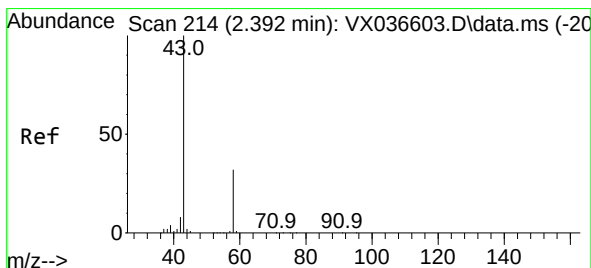
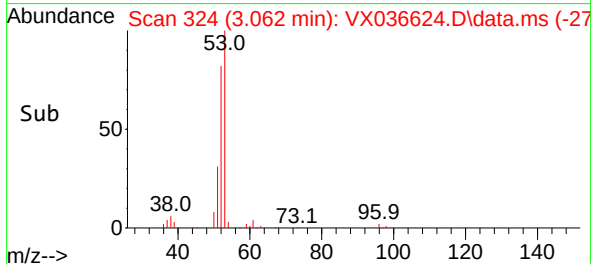
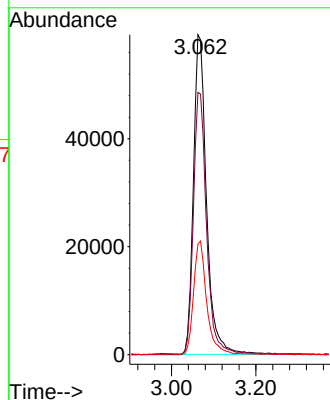
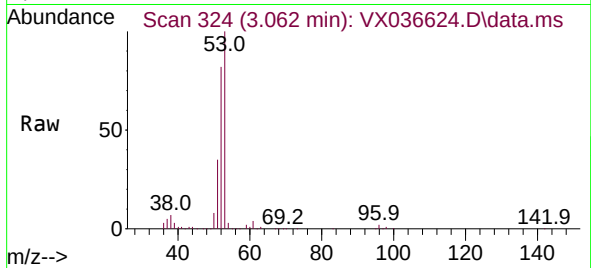
Tgt Ion: 53	Resp: 128050
Ion Ratio	Lower Upper
53	100
52	82.3 66.0 99.0
51	35.0 29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#16

Acetone

Concen: 97.328 ug/l

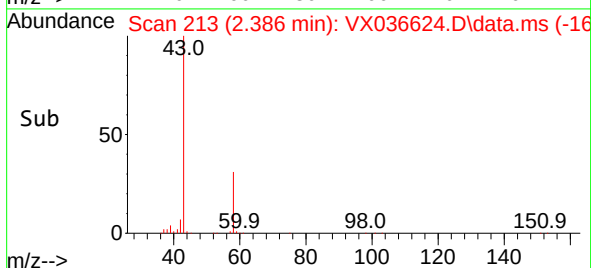
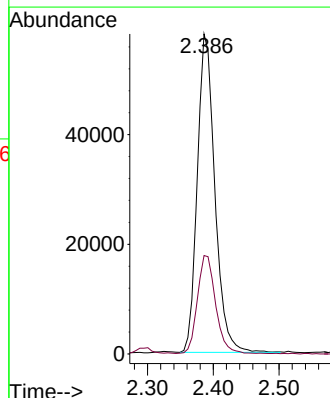
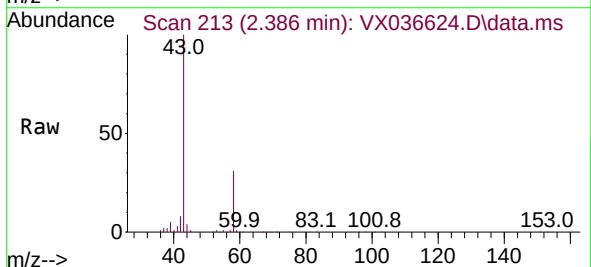
RT: 2.386 min Scan# 213

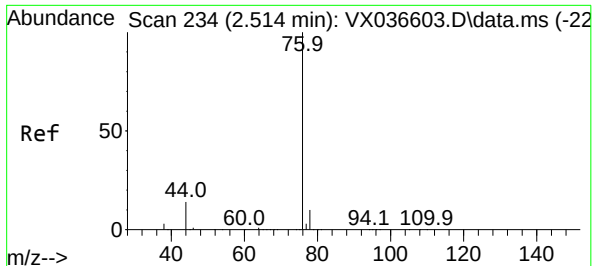
Delta R.T. -0.006 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Tgt Ion: 43	Resp: 107460
Ion Ratio	Lower Upper
43	100
58	30.8 21.9 32.9





#17

Carbon Disulfide

Concen: 17.965 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tgt Ion: 76 Resp: 9983

Ion Ratio Lower Upper

76 100

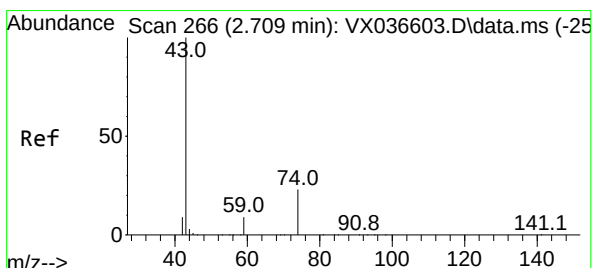
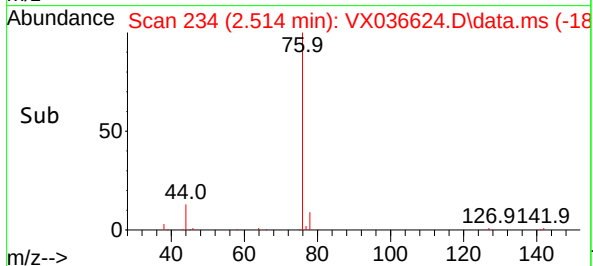
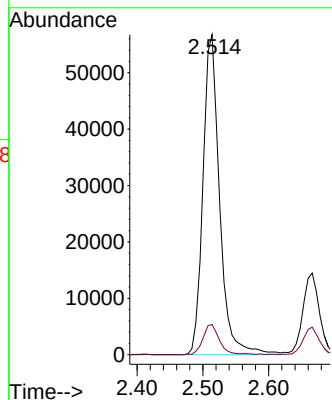
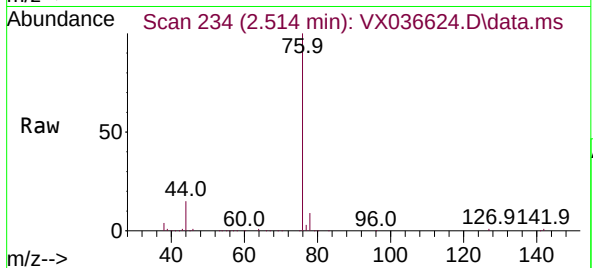
78 9.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#18

Methyl Acetate

Concen: 20.017 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX036624.D

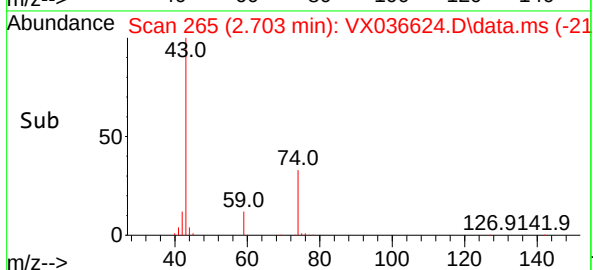
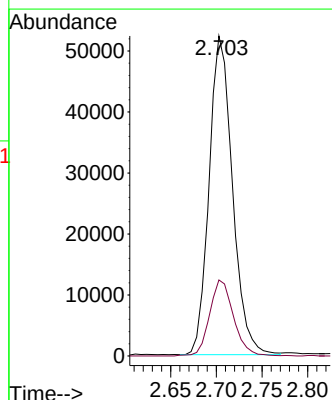
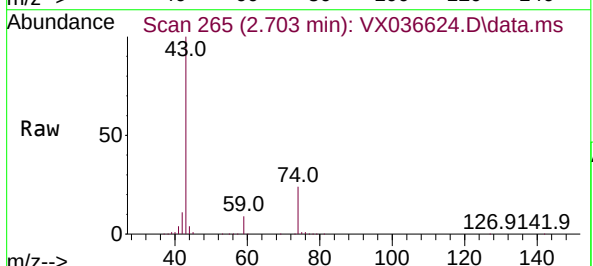
Acq: 24 Jul 2023 12:09

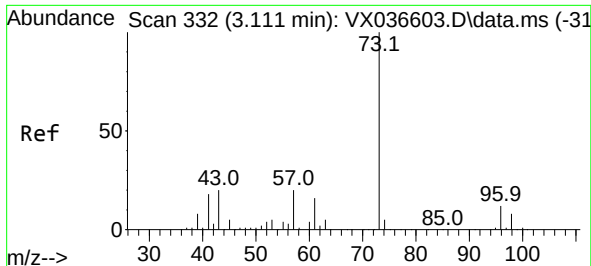
Tgt Ion: 43 Resp: 92975

Ion Ratio Lower Upper

43 100

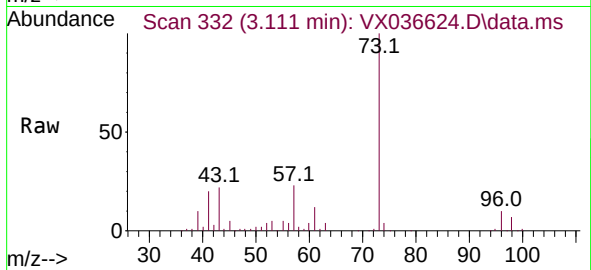
74 24.4 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 19.937 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

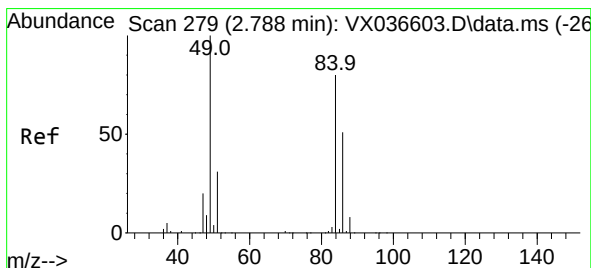
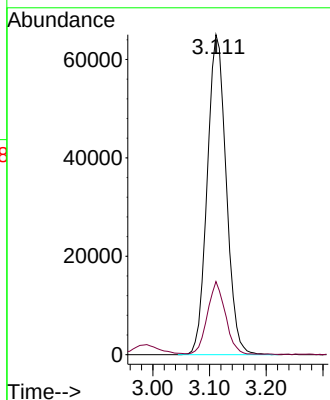
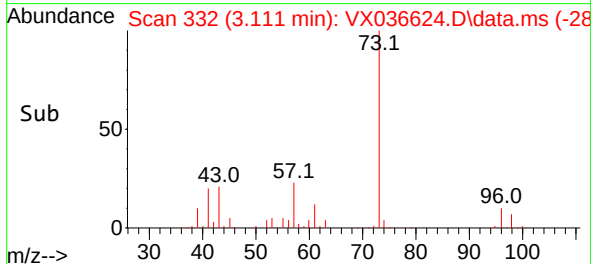
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion: 73 Resp: 15085
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9

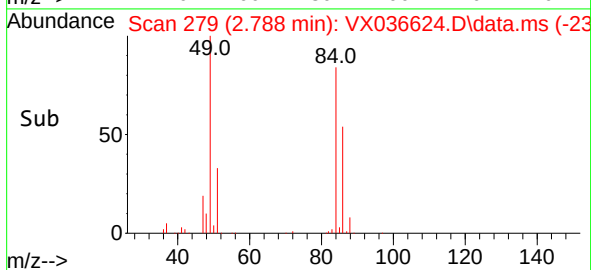
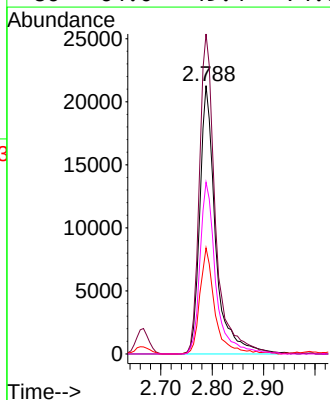
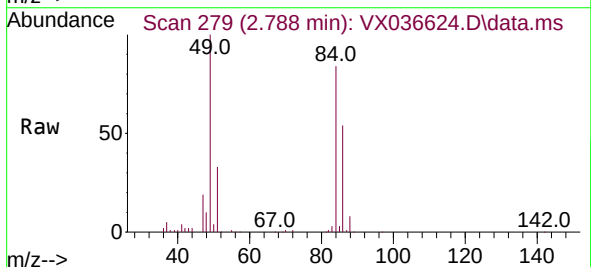
Manual Integrations
APPROVED

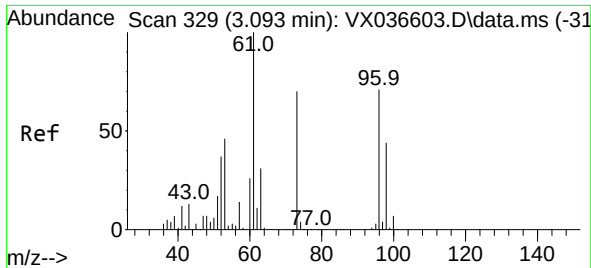
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#20
Methylene Chloride
Concen: 18.508 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

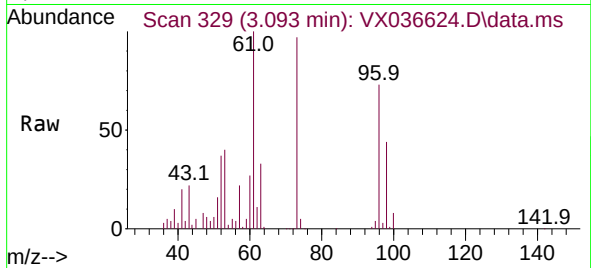
Tgt Ion: 84 Resp: 45446
Ion Ratio Lower Upper
84 100
49 119.2 103.6 155.4
51 39.6 33.8 50.6
86 64.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.278 ug/l
RT: 3.093 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

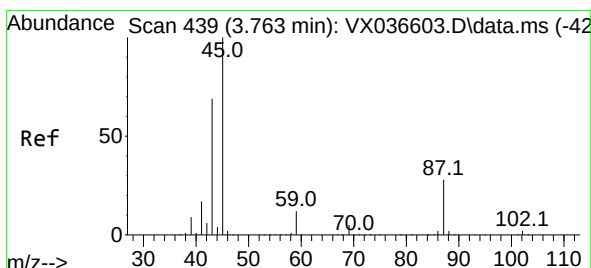
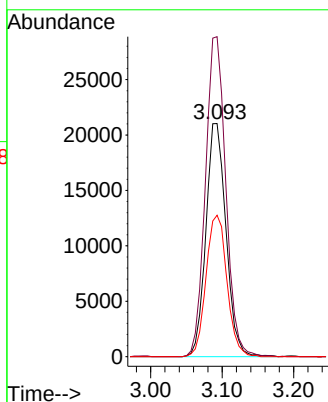
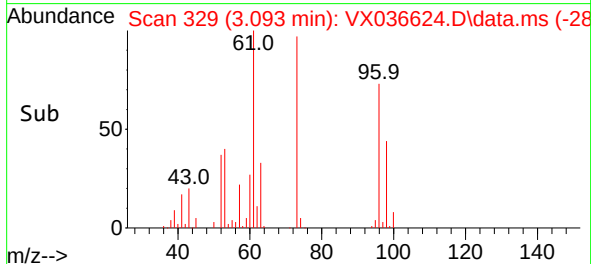
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion: 96 Resp: 41134
Ion Ratio Lower Upper
96 100
61 137.2 119.2 178.8
98 60.7 48.7 73.1

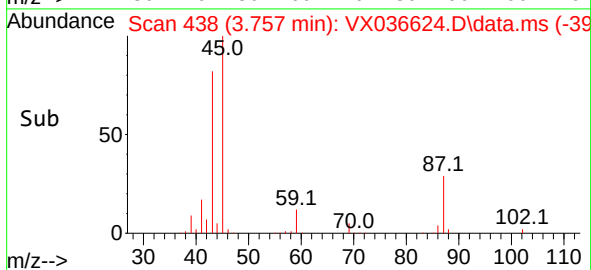
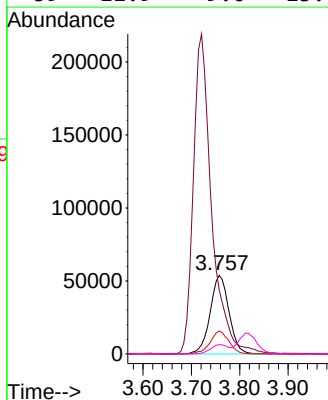
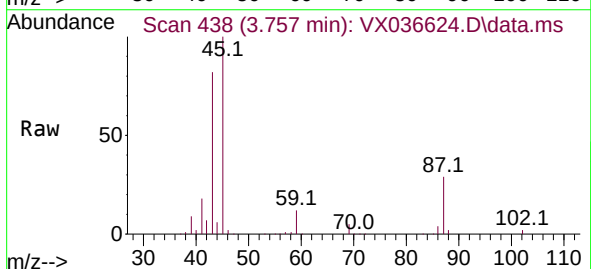
Manual Integrations
APPROVED

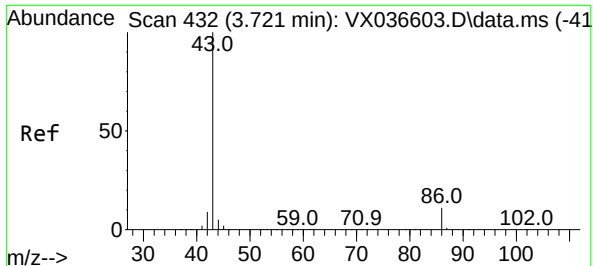
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#22
Diisopropyl ether
Concen: 19.301 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Tgt Ion: 45 Resp: 145302
Ion Ratio Lower Upper
45 100
43 81.1 69.7 104.5
87 29.2 20.8 31.2
59 11.9 9.0 13.4





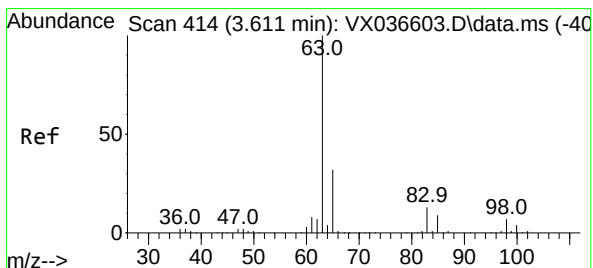
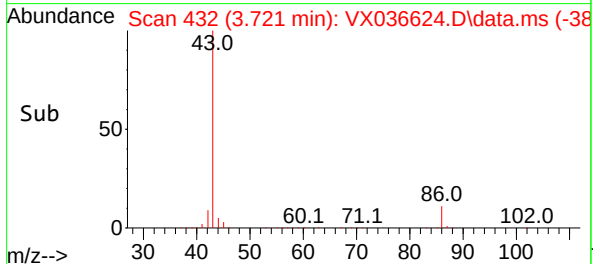
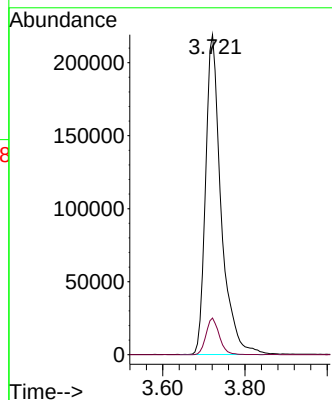
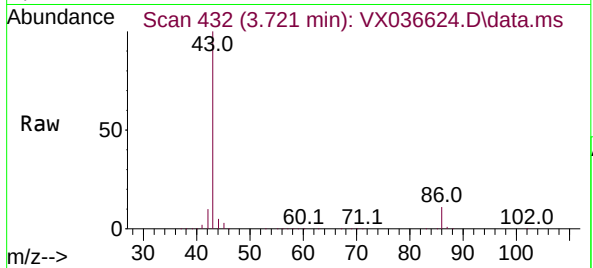
#23
 Vinyl Acetate
 Concen: 99.457 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036624.D
 Acq: 24 Jul 2023 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01

Tgt Ion: 43 Resp: 574340
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8

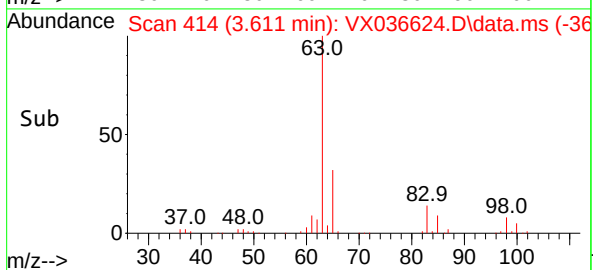
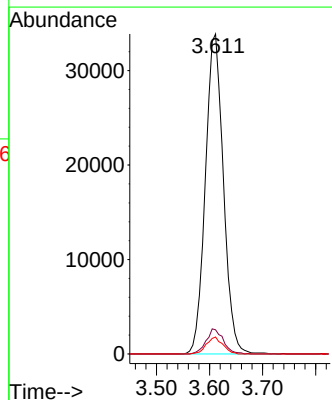
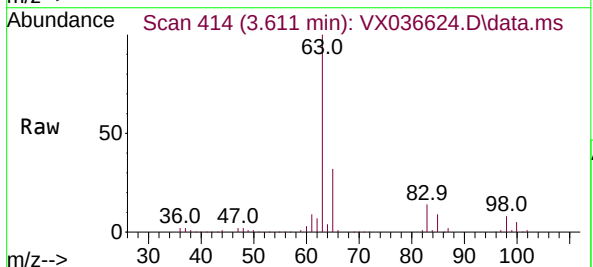
Manual Integrations
 APPROVED

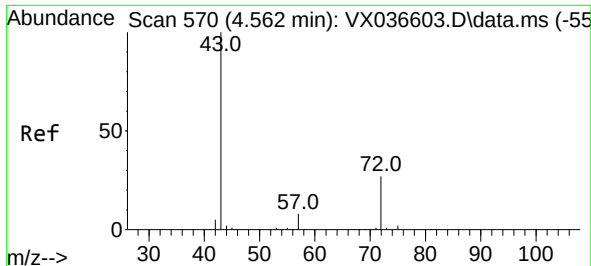
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023



#24
 1,1-Dichloroethane
 Concen: 18.954 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036624.D
 Acq: 24 Jul 2023 12:09

Tgt Ion: 63 Resp: 80004
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.8
 100 5.3 2.1 6.5





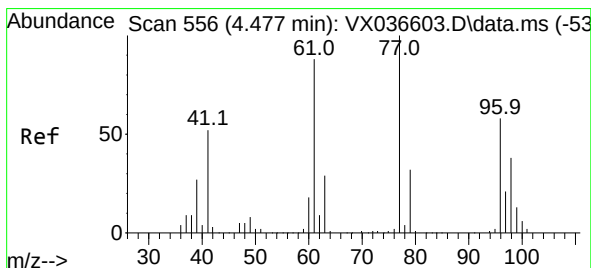
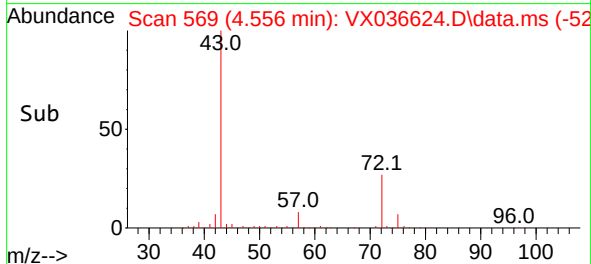
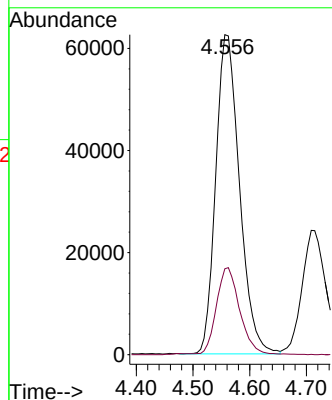
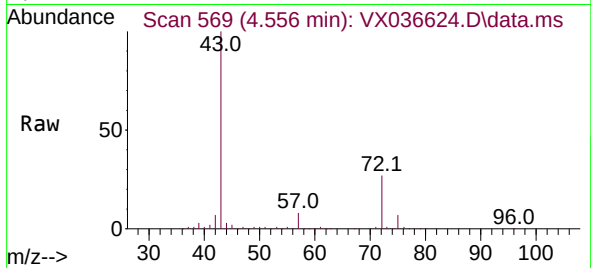
#25
2-Butanone
Concen: 101.398 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion: 43 Resp: 181638
Ion Ratio Lower Upper
43 100
72 26.7 19.4 29.2

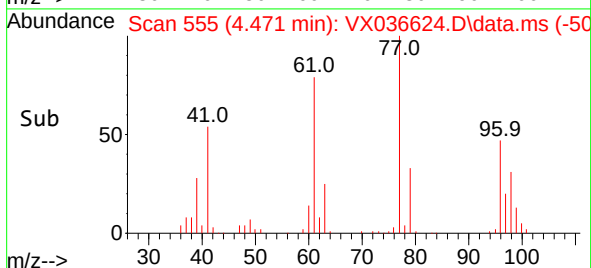
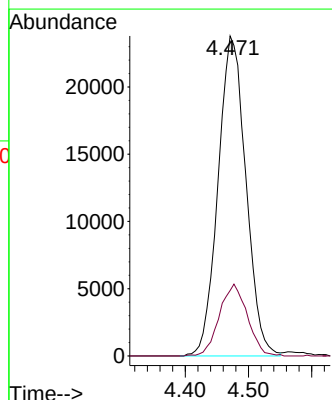
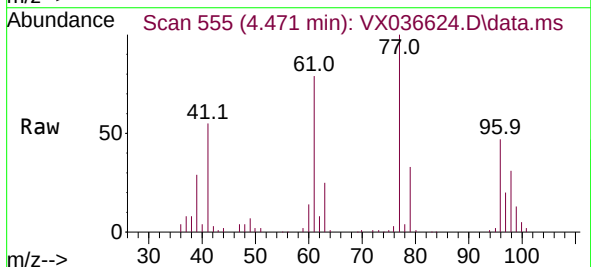
Manual Integrations
APPROVED

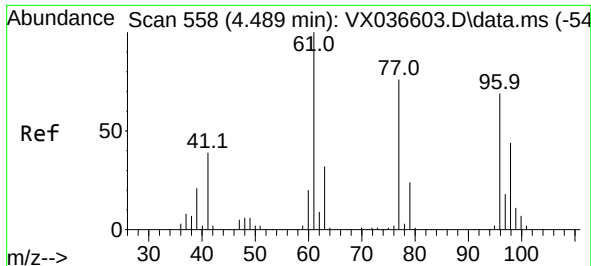
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#26
2,2-Dichloropropane
Concen: 18.261 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Tgt Ion: 77 Resp: 72628
Ion Ratio Lower Upper
77 100
97 22.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.600 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX036624.D

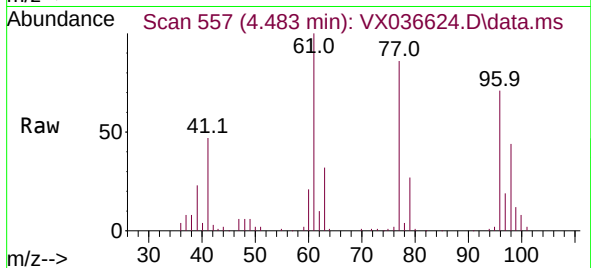
Acq: 24 Jul 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01



Tgt Ion: 96 Resp: 49710

Ion Ratio Lower Upper

96 100

61 147.0 0.0 312.2

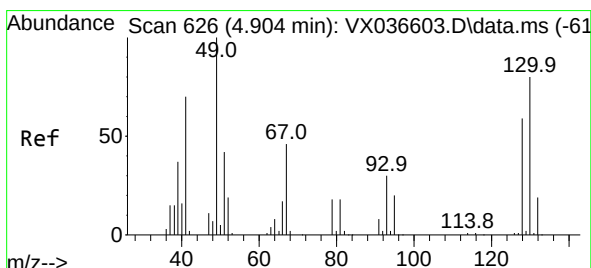
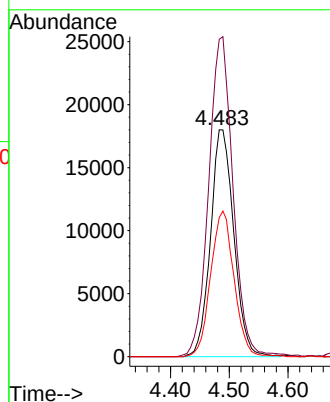
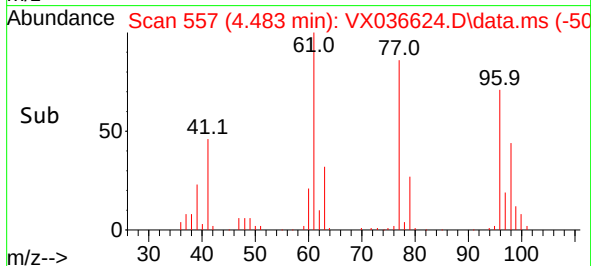
98 64.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#28

Bromochloromethane

Concen: 22.089 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.012 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

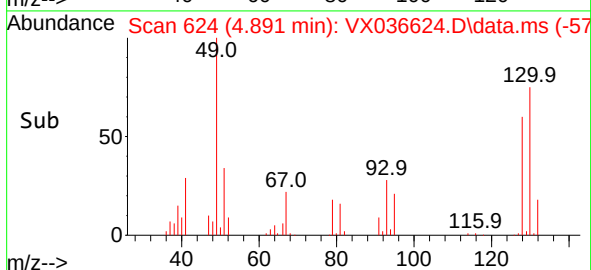
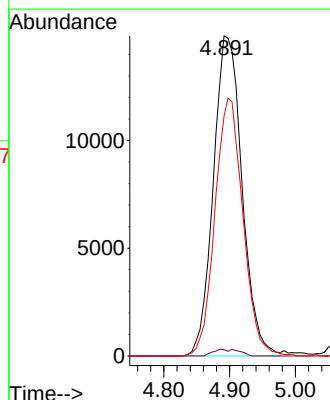
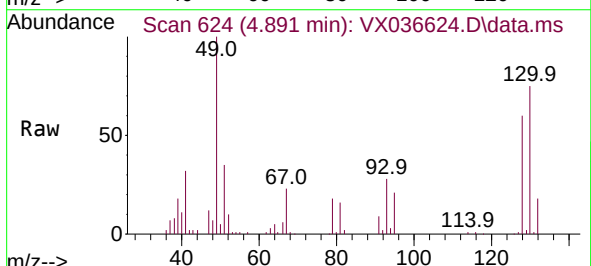
Tgt Ion: 49 Resp: 45091

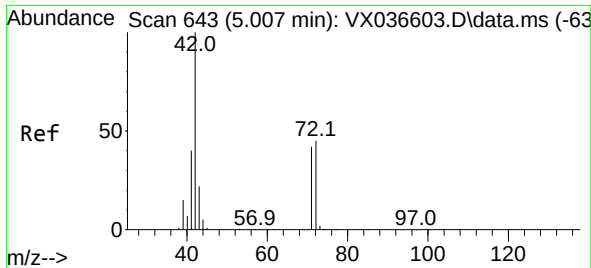
Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

130 78.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 101.711 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tgt Ion: 42 Resp: 11746

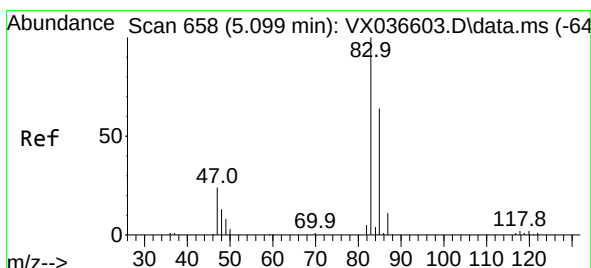
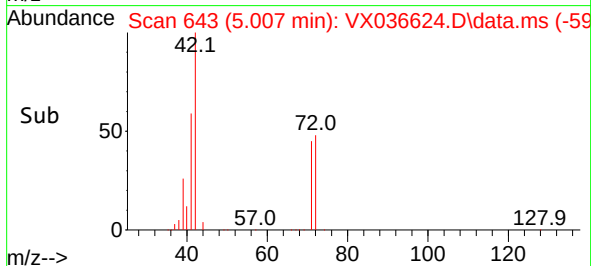
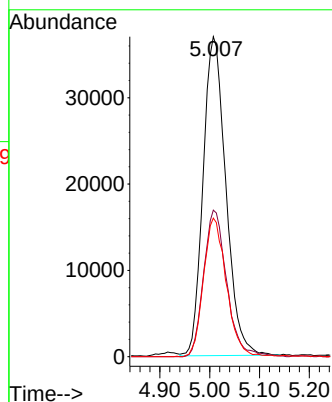
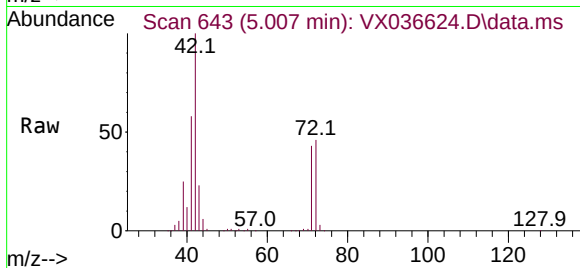
Ion	Ratio	Lower	Upper
42	100		
72	46.5	34.2	51.4
71	43.7	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#30

Chloroform

Concen: 19.383 ug/l

RT: 5.093 min Scan# 657

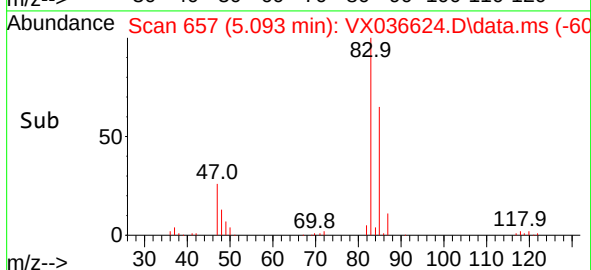
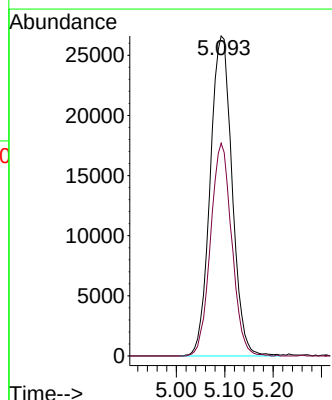
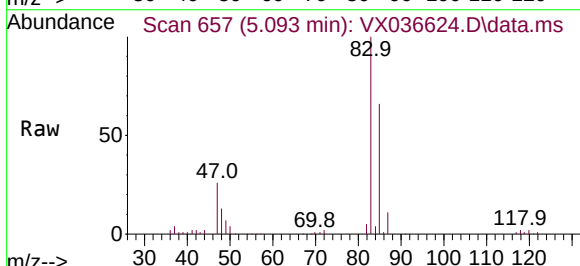
Delta R.T. -0.006 min

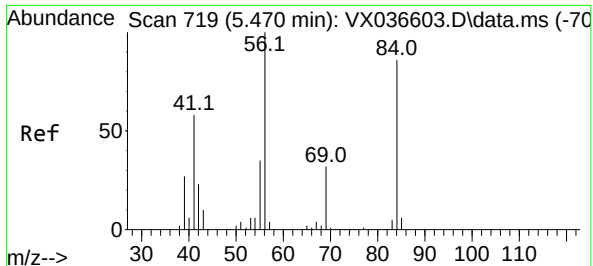
Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Tgt Ion: 83 Resp: 83700

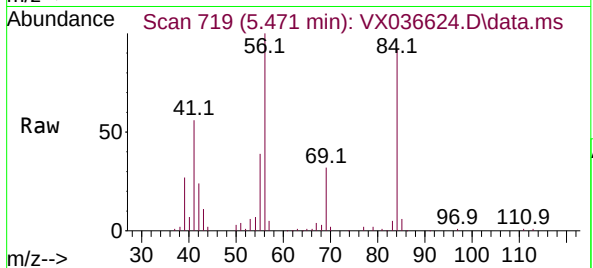
Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.3	75.5





#31
Cyclohexane
Concen: 18.473 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

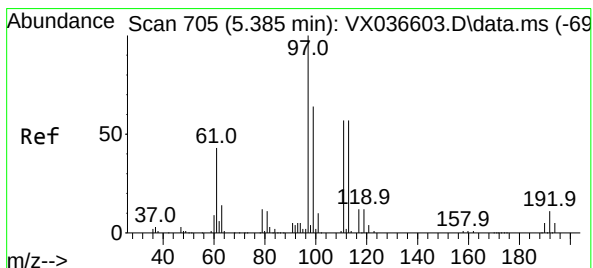
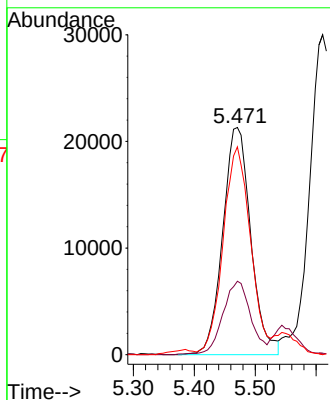
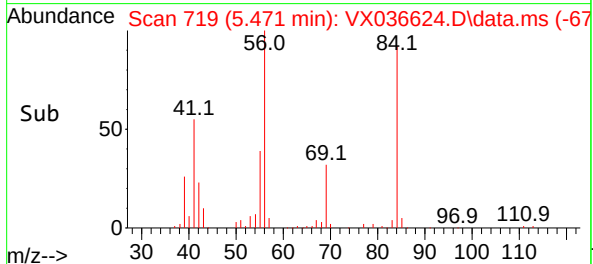
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



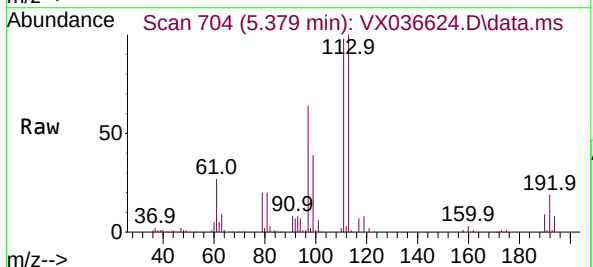
Tgt Ion: 56 Resp: 6805
Ion Ratio Lower Upper
56 100
69 32.0 23.4 35.2
84 89.8 65.9 98.9

Manual Integrations
APPROVED

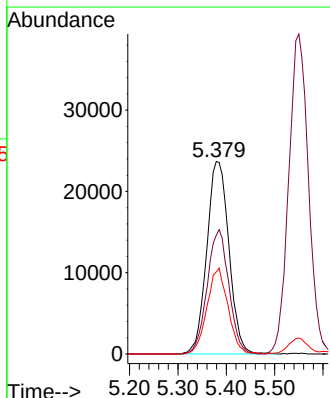
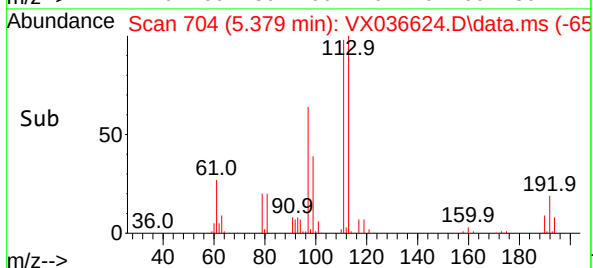
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

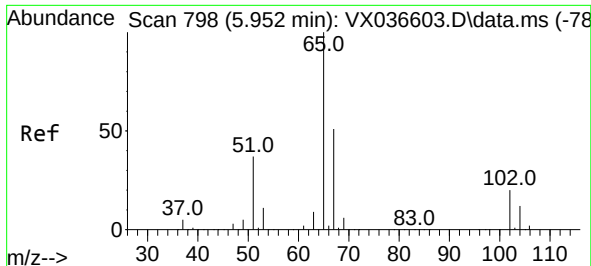


#32
1,1,1-Trichloroethane
Concen: 19.050 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09



Tgt Ion: 97 Resp: 75377
Ion Ratio Lower Upper
97 100
99 63.1 51.1 76.7
61 42.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.201 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tgt Ion: 65 Resp: 133570

Ion Ratio Lower Upper

65 100

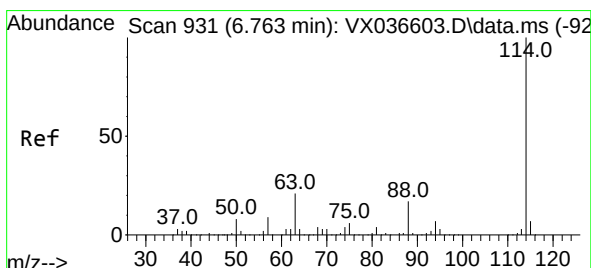
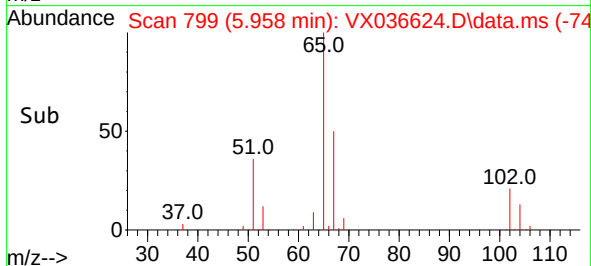
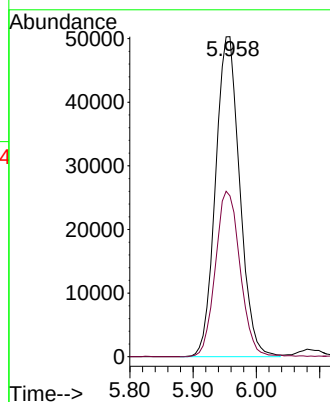
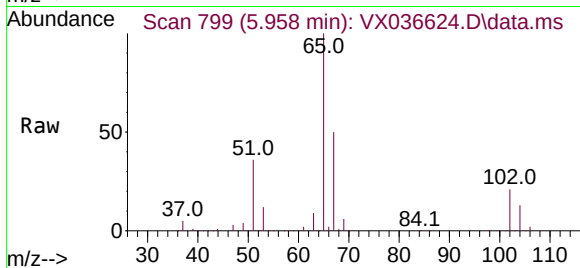
67 53.0 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

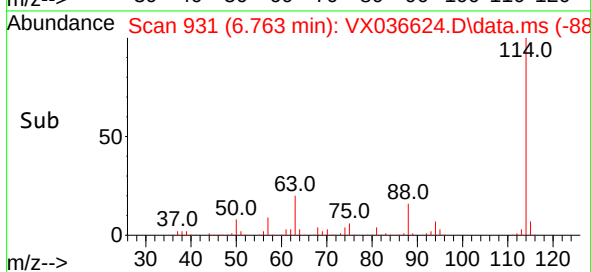
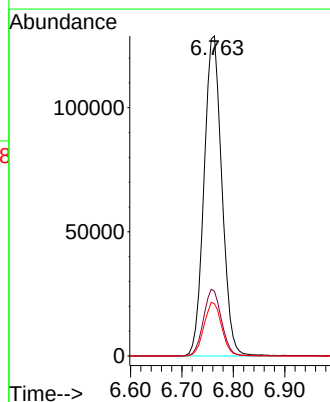
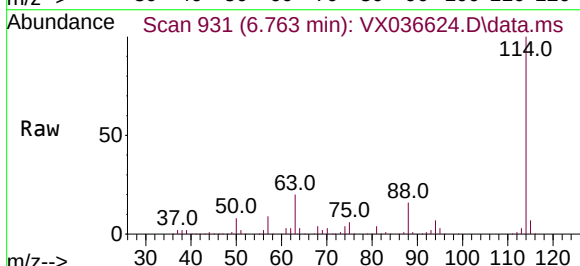
Tgt Ion:114 Resp: 310130

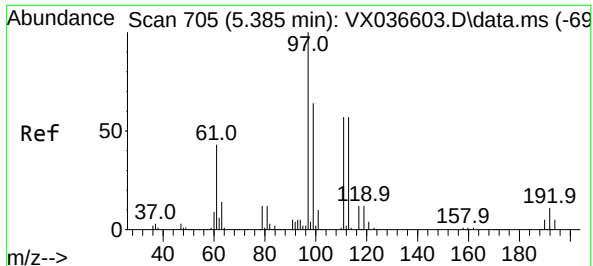
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.428 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX036624.D

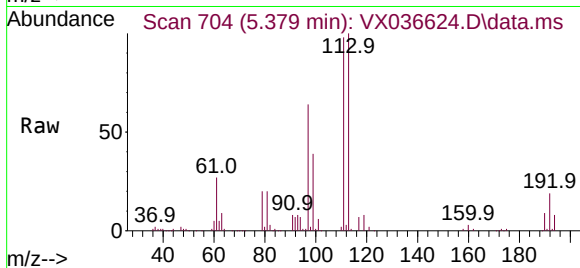
Acq: 24 Jul 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01



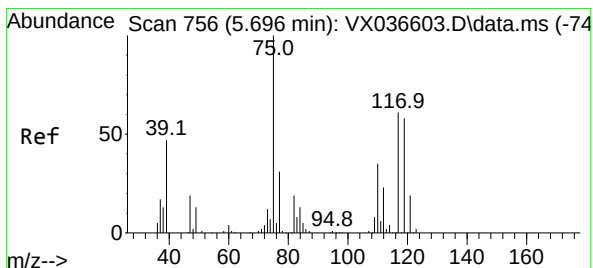
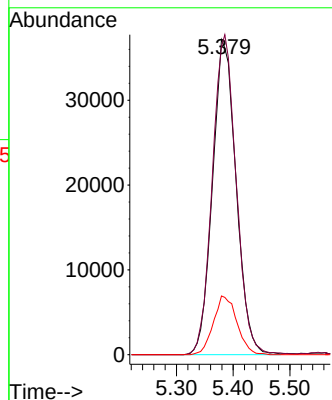
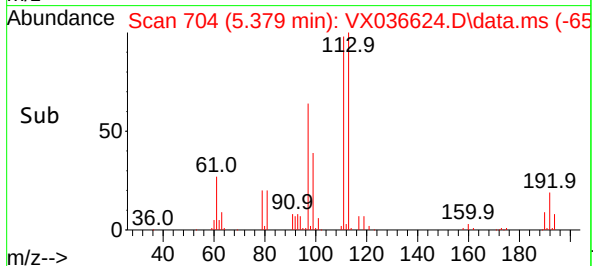
Tgt Ion:	113	Resp:	10749
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	18.6	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#36

1,1-Dichloropropene

Concen: 18.328 ug/l

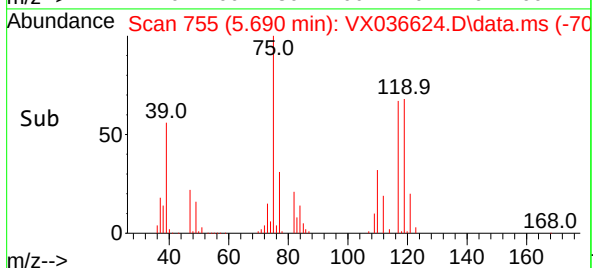
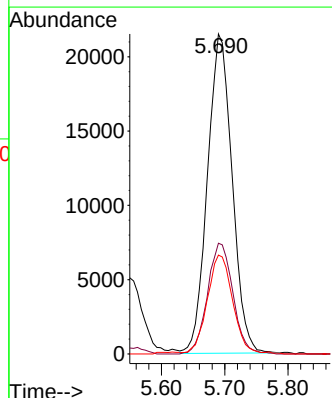
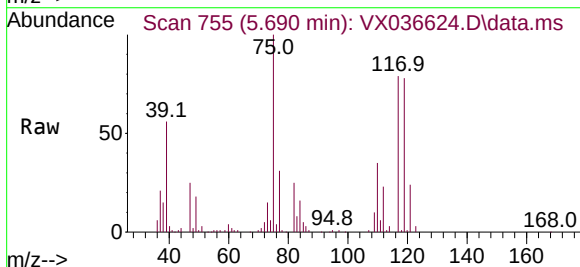
RT: 5.690 min Scan# 755

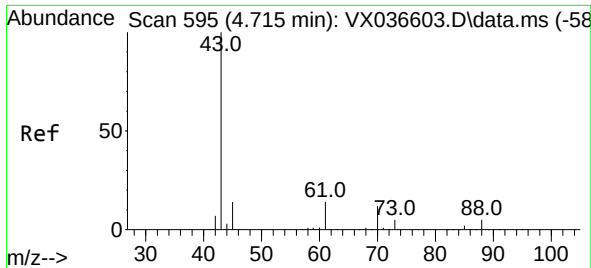
Delta R.T. -0.006 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Tgt Ion:	75	Resp:	58232
Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.0	50.9
77	32.0	24.7	37.1





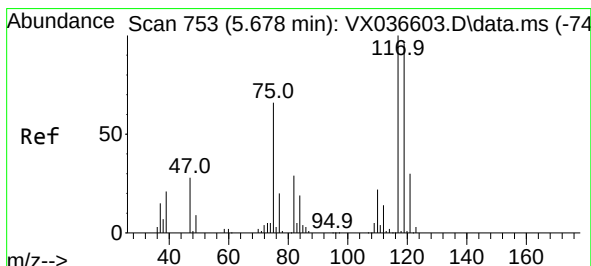
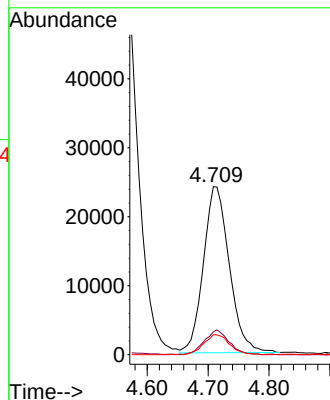
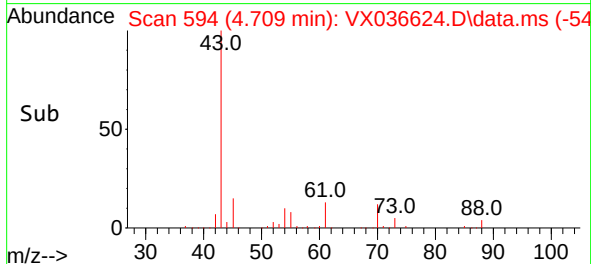
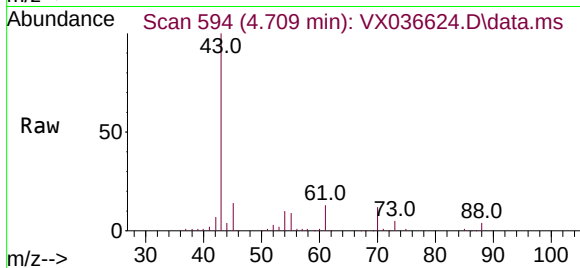
#37
Ethyl Acetate
Concen: 19.838 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion: 43 Resp: 71339
Ion Ratio Lower Upper
43 100
61 14.1 10.6 16.0
70 12.0 8.3 12.5

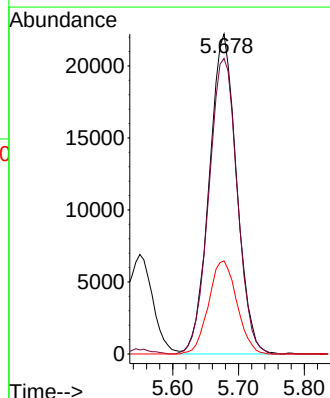
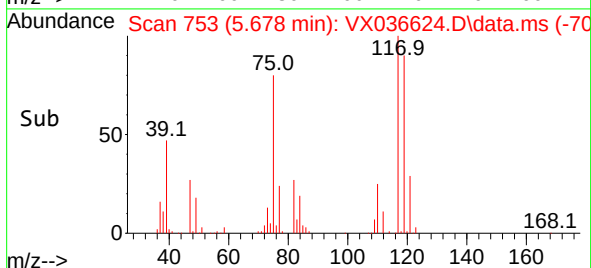
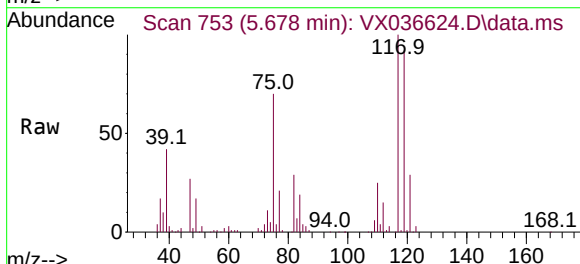
Manual Integrations
APPROVED

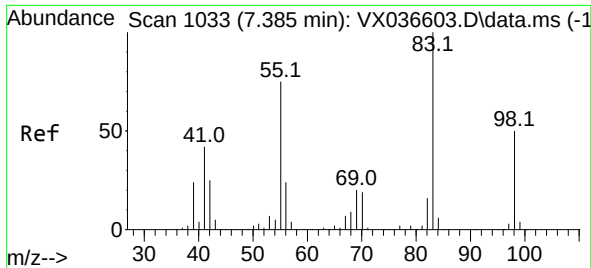
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#38
Carbon Tetrachloride
Concen: 19.060 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

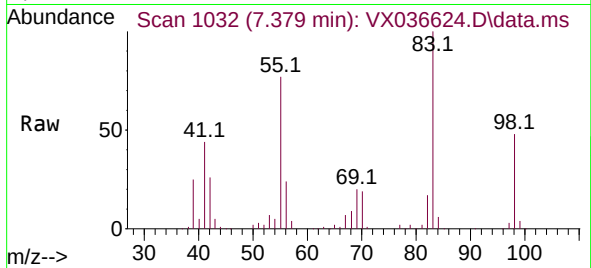
Tgt Ion:117 Resp: 64380
Ion Ratio Lower Upper
117 100
119 92.4 78.2 117.2
121 29.1 24.4 36.6





#39
Methylcyclohexane
Concen: 18.703 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

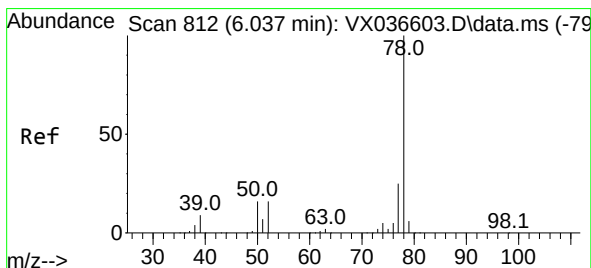
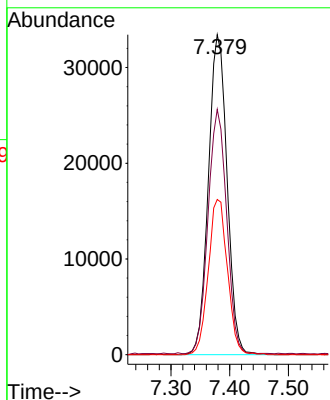
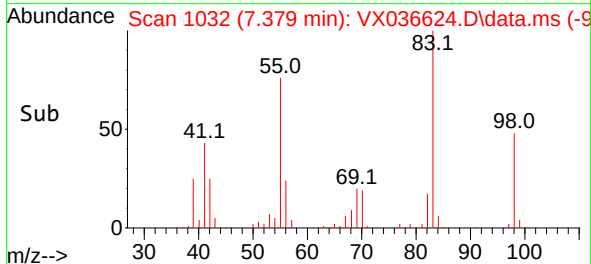
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion: 83 Resp: 7389
Ion Ratio Lower Upper
83 100
55 76.2 64.6 97.0
98 48.5 36.7 55.1

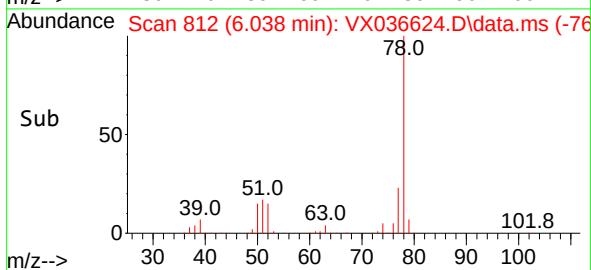
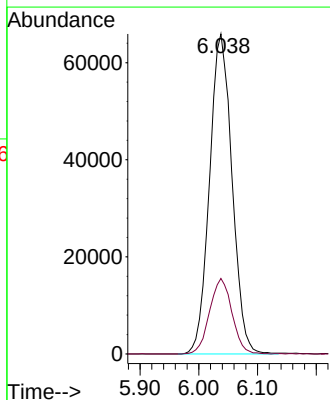
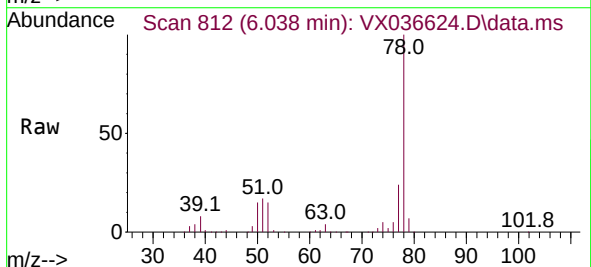
Manual Integrations
APPROVED

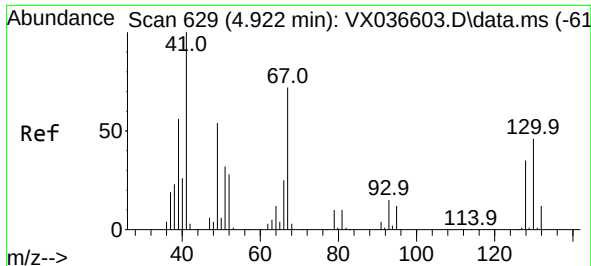
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#40
Benzene
Concen: 18.986 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

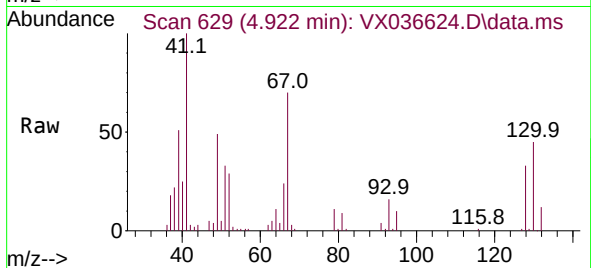
Tgt Ion: 78 Resp: 175508
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





#41
Methacrylonitrile
Concen: 20.445 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

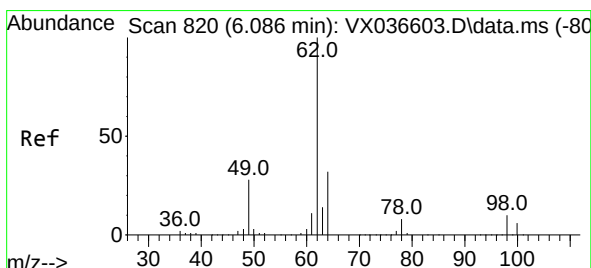
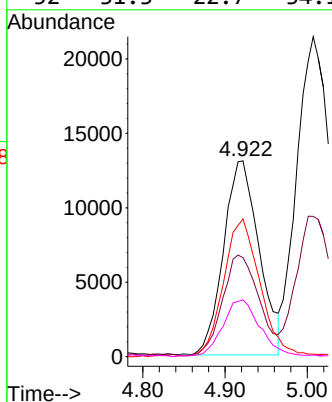
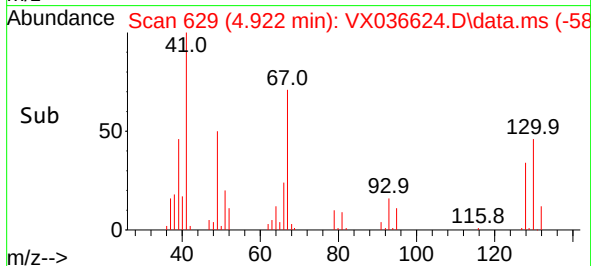
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion: 41 Resp: 39324
Ion Ratio Lower Upper
41 100
39 53.0 45.2 67.8
67 73.5 52.6 78.8
52 31.3 22.7 34.1

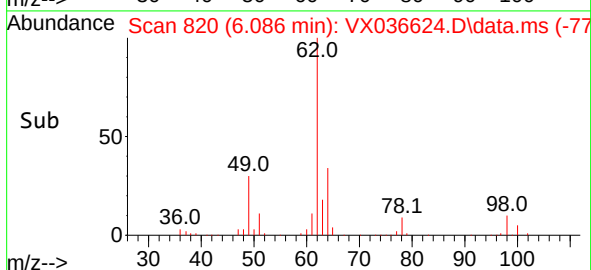
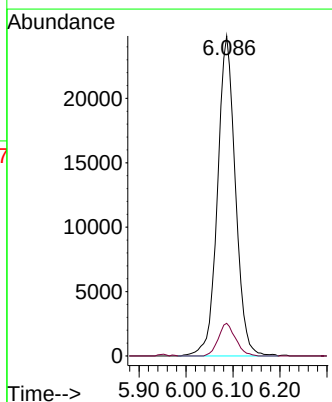
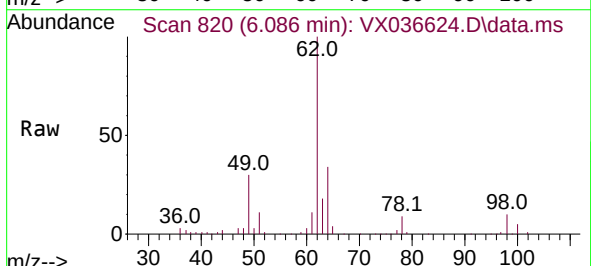
Manual Integrations
APPROVED

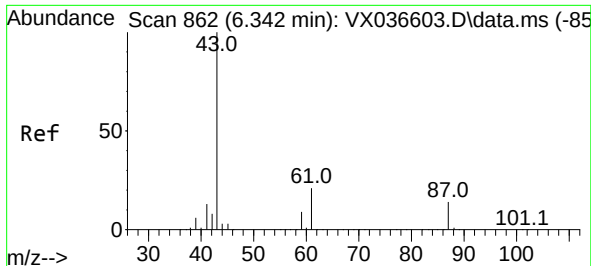
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#42
1,2-Dichloroethane
Concen: 19.461 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Tgt Ion: 62 Resp: 65774
Ion Ratio Lower Upper
62 100
98 9.9 0.0 16.0





#43

Isopropyl Acetate

Concen: 19.556 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tgt Ion: 43 Resp: 121056

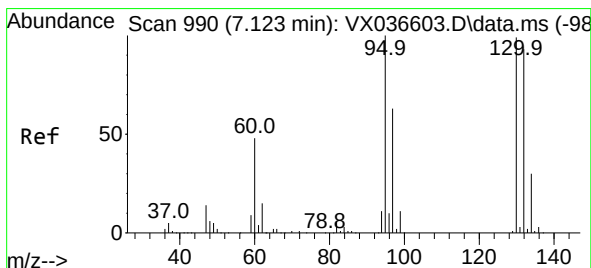
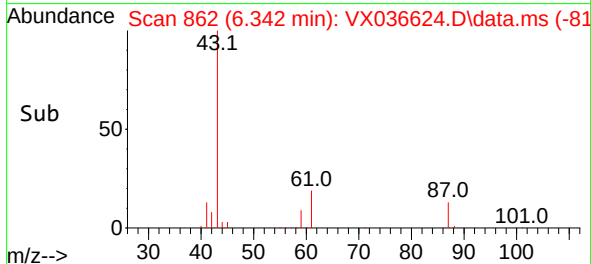
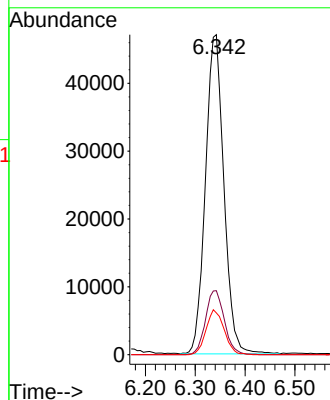
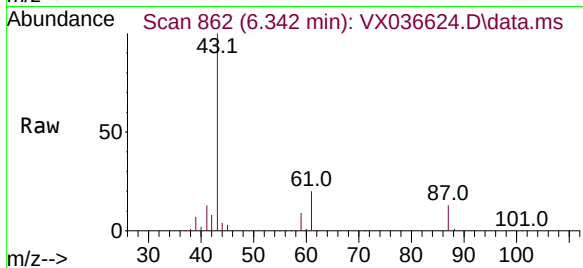
Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.2	22.8
87	13.8	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#44

Trichloroethene

Concen: 19.255 ug/l

RT: 7.123 min Scan# 990

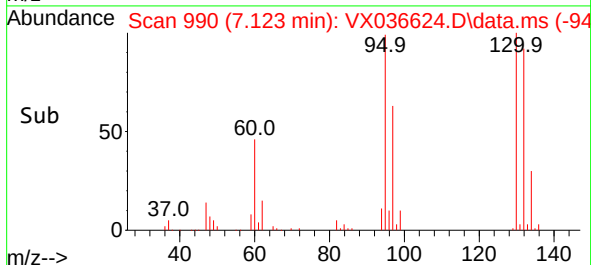
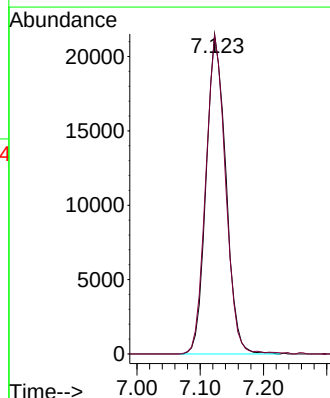
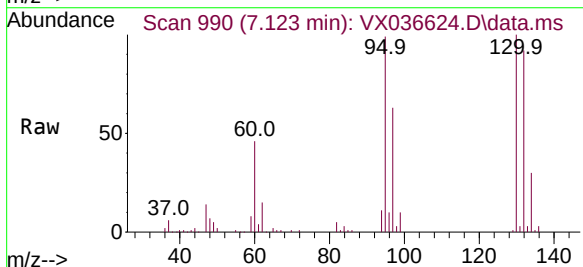
Delta R.T. 0.000 min

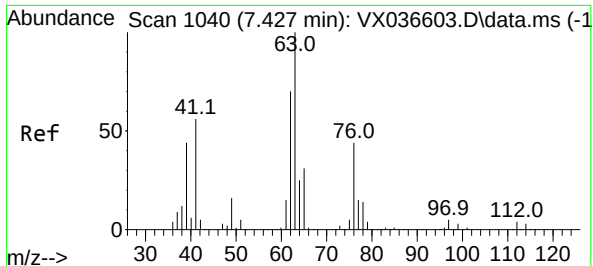
Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Tgt Ion:130 Resp: 46525

Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	204.4





#45

1,2-Dichloropropane

Concen: 19.177 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tgt Ion: 63 Resp: 47329

Ion Ratio Lower Upper

63 100

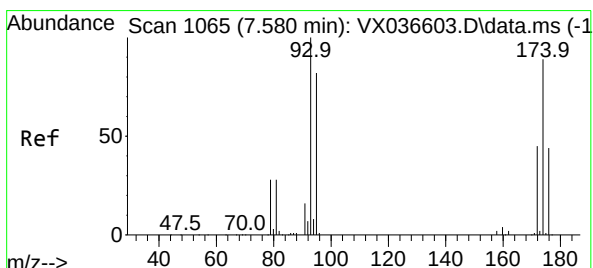
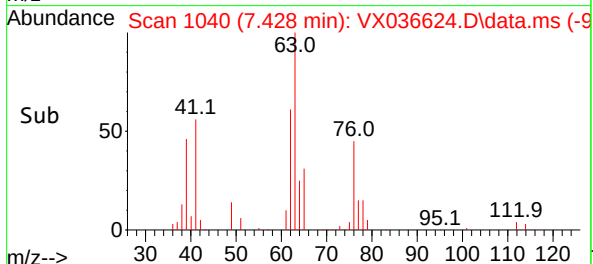
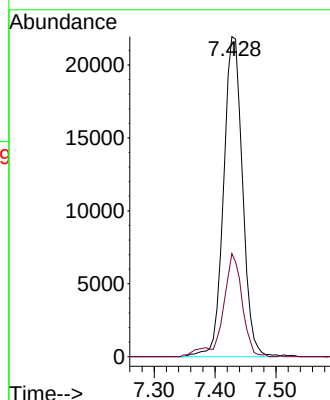
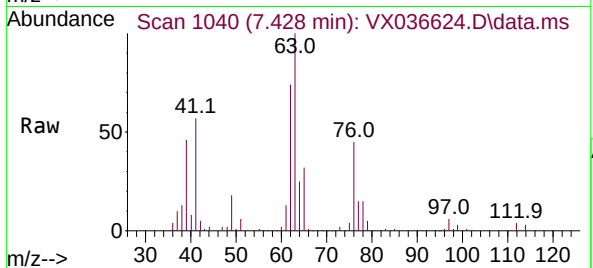
65 32.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#46

Dibromomethane

Concen: 20.020 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

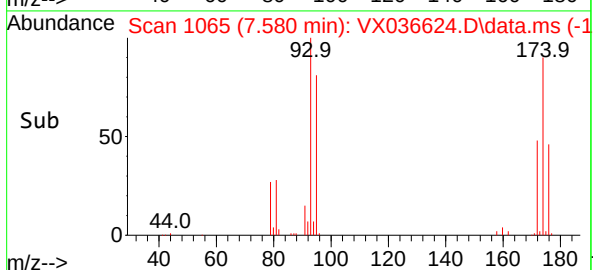
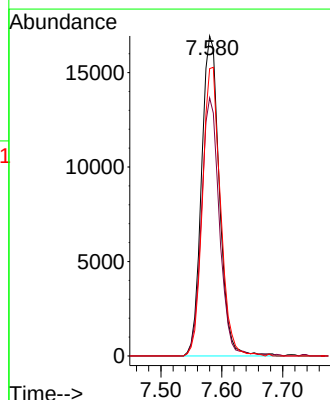
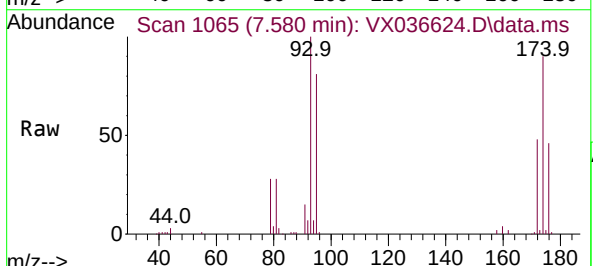
Tgt Ion: 93 Resp: 34580

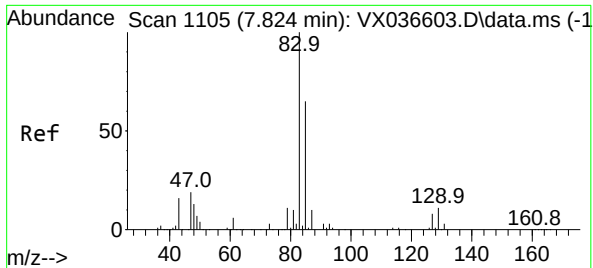
Ion Ratio Lower Upper

93 100

95 81.2 66.6 100.0

174 90.4 69.4 104.0





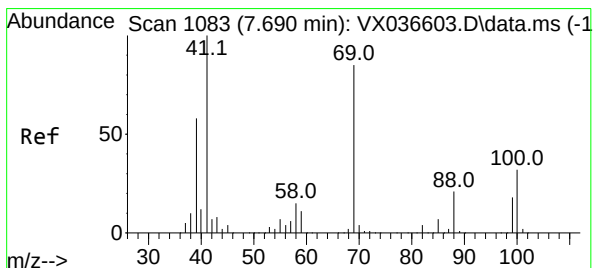
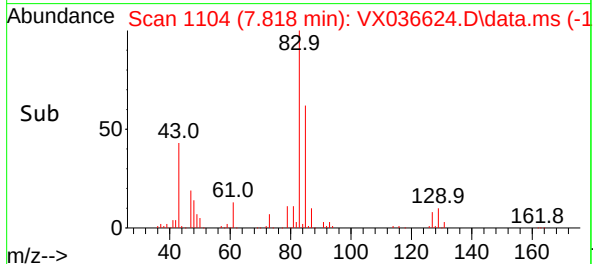
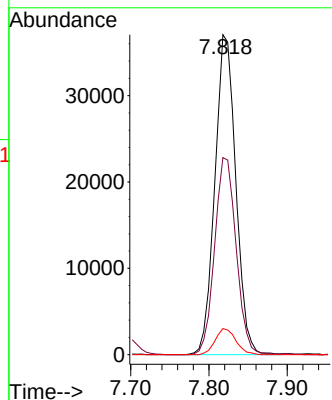
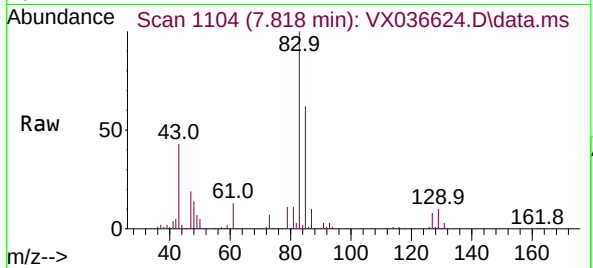
#47
Bromodichloromethane
Concen: 19.451 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion: 83 Resp: 6896
Ion Ratio Lower Upper
83 100
85 61.6 49.8 74.6
127 8.2 7.1 10.7

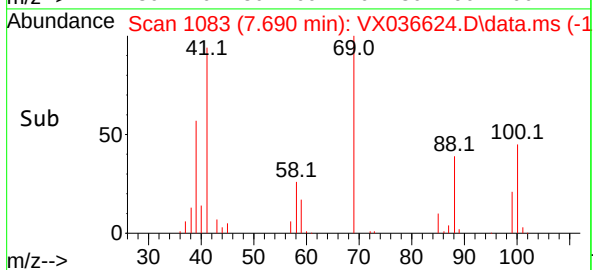
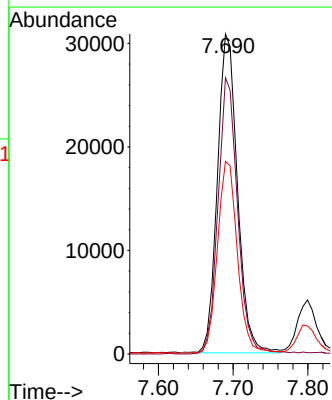
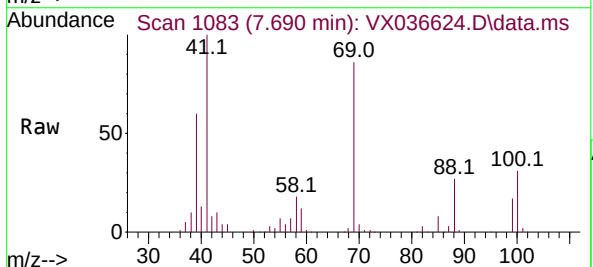
Manual Integrations
APPROVED

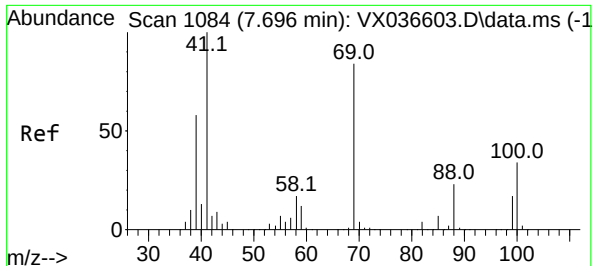
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#48
Methyl methacrylate
Concen: 19.969 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Tgt Ion: 41 Resp: 57487
Ion Ratio Lower Upper
41 100
69 84.5 59.2 88.8
39 59.7 47.7 71.5





#49

1,4-Dioxane

Concen: 418.006 ug/l

RT: 7.690 min Scan# 1084

Delta R.T. -0.006 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

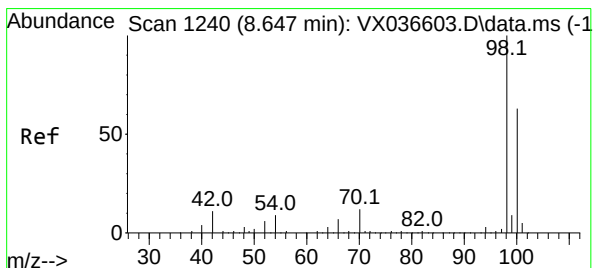
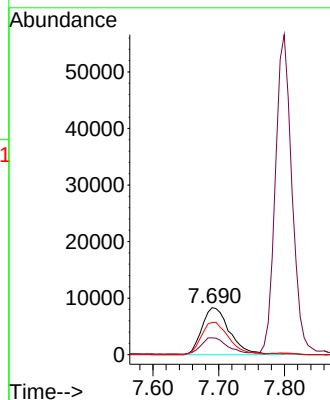
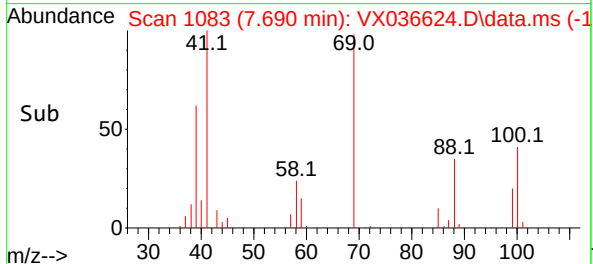
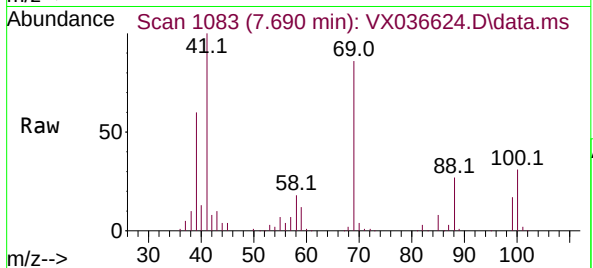
Tgt Ion: 88 Resp: 24310
 Ion Ratio Lower Upper
 88 100
 43 33.0 0.0 0.0
 58 68.3 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#50

Toluene-d8

Concen: 50.835 ug/l

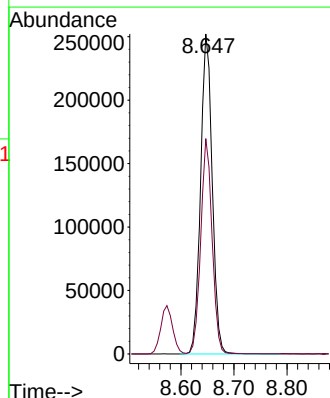
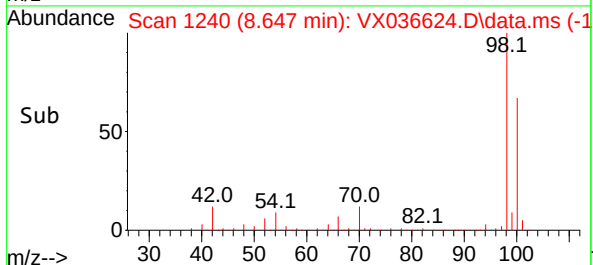
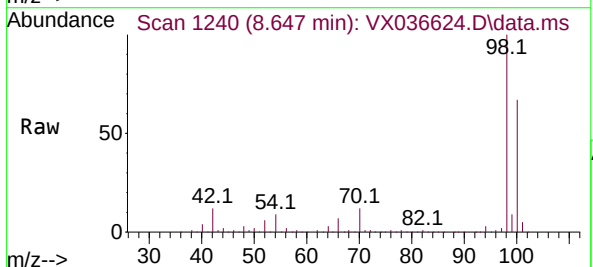
RT: 8.647 min Scan# 1240

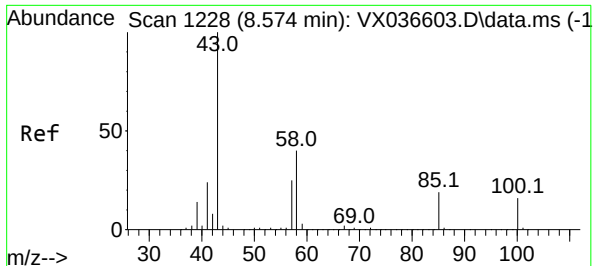
Delta R.T. 0.000 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Tgt Ion: 98 Resp: 384276
 Ion Ratio Lower Upper
 98 100
 100 65.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 104.933 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tgt Ion: 43 Resp: 35946

Ion Ratio Lower Upper

43 100

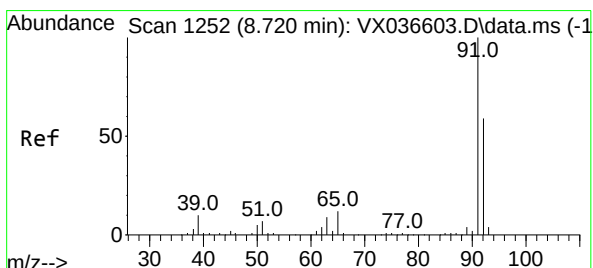
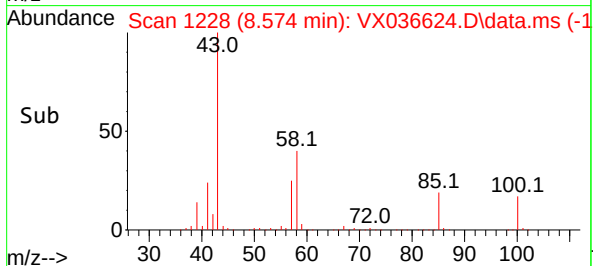
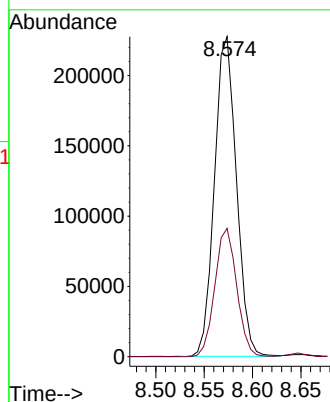
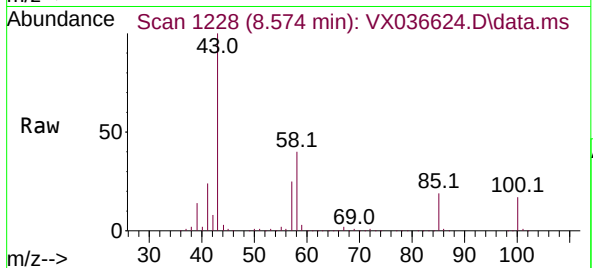
58 40.0 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#52

Toluene

Concen: 19.000 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX036624.D

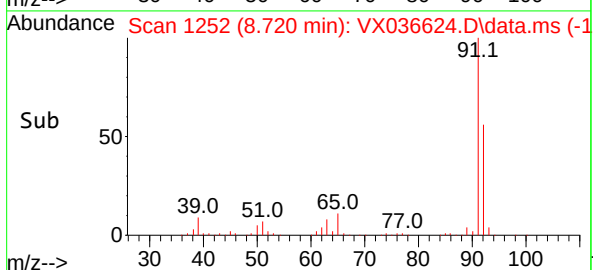
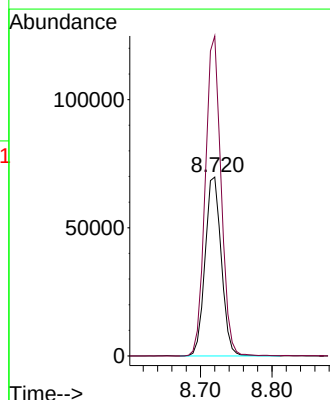
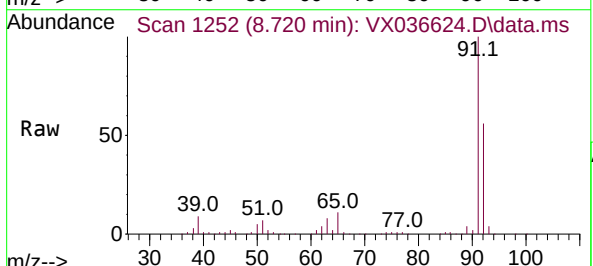
Acq: 24 Jul 2023 12:09

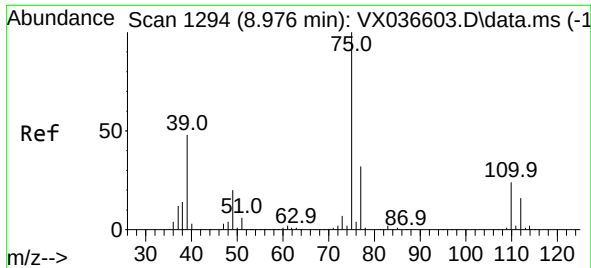
Tgt Ion: 92 Resp: 110050

Ion Ratio Lower Upper

92 100

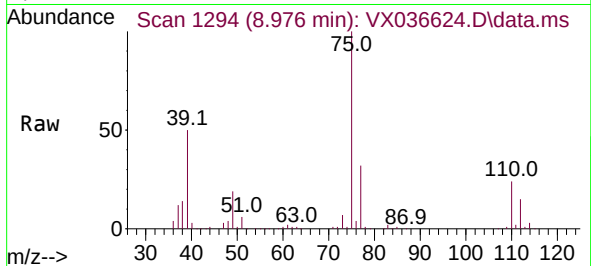
91 174.2 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 19.577 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

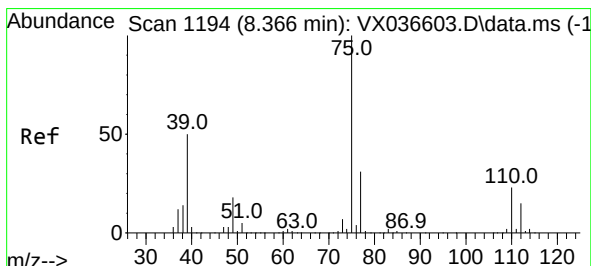
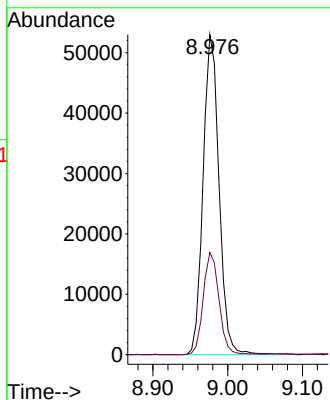
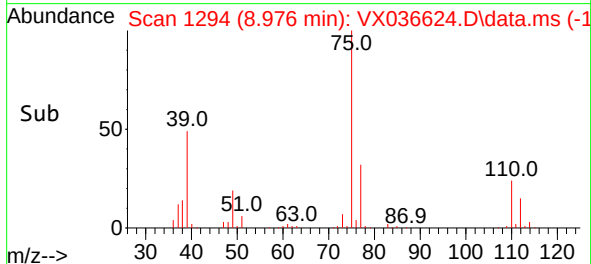
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



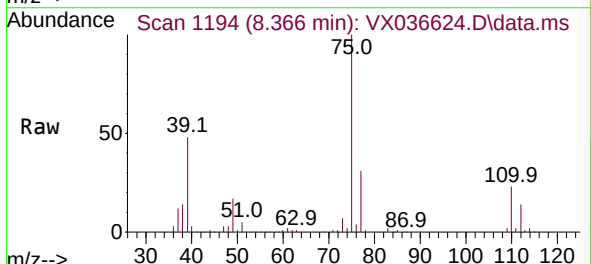
Tgt Ion: 75 Resp: 78454
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5

Manual Integrations
APPROVED

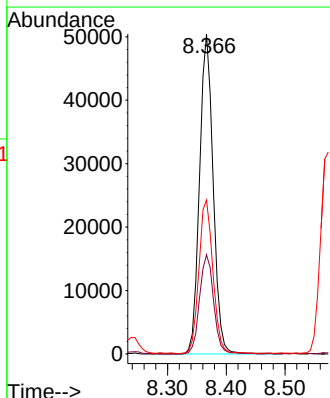
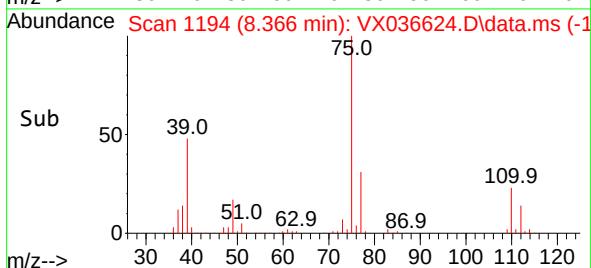
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

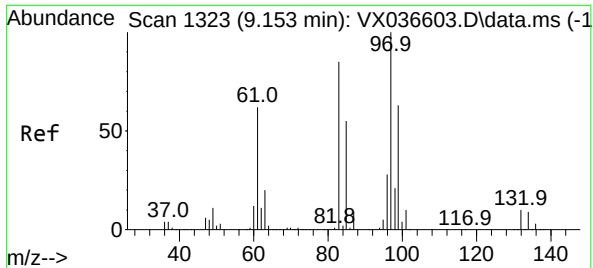


#54
cis-1,3-Dichloropropene
Concen: 19.238 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09



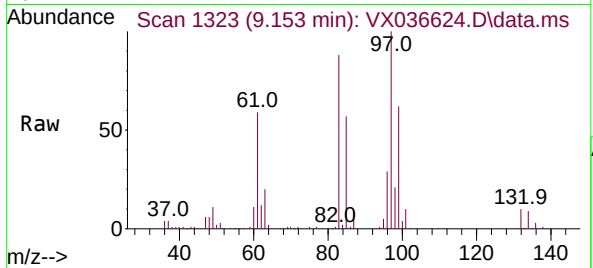
Tgt Ion: 75 Resp: 81349
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9
39 48.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.640 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

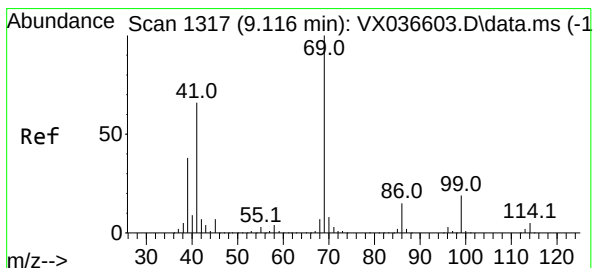
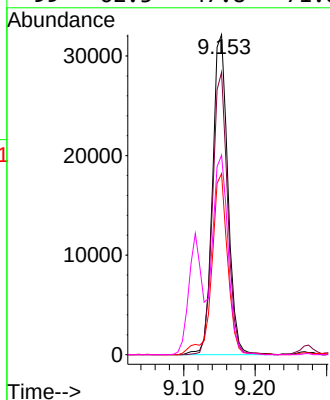
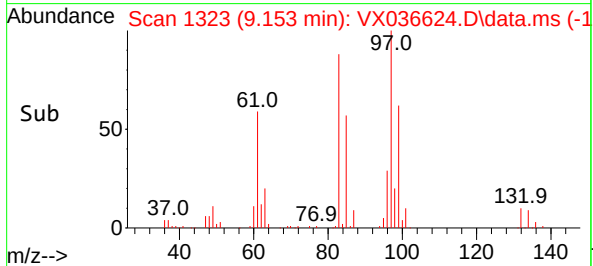
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



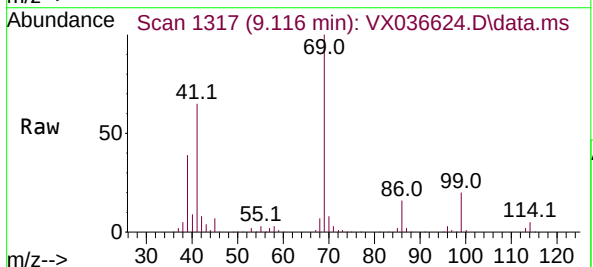
Tgt Ion: 97 Resp: 47820
Ion Ratio Lower Upper
97 100
83 88.3 65.8 98.8
85 56.5 41.6 62.4
99 62.3 47.8 71.8

Manual Integrations
APPROVED

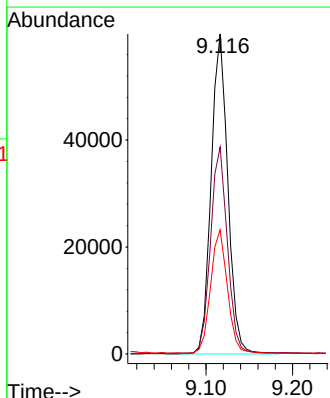
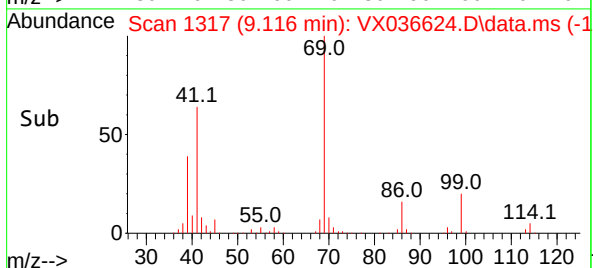
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

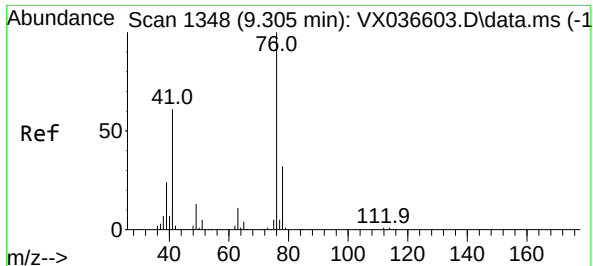


#56
Ethyl methacrylate
Concen: 20.223 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09



Tgt Ion: 69 Resp: 80180
Ion Ratio Lower Upper
69 100
41 64.5 56.8 85.2
39 39.0 32.0 48.0





#57

1,3-Dichloropropane

Concen: 19.985 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tgt Ion: 76 Resp: 8104

Ion Ratio Lower Upper

76 100

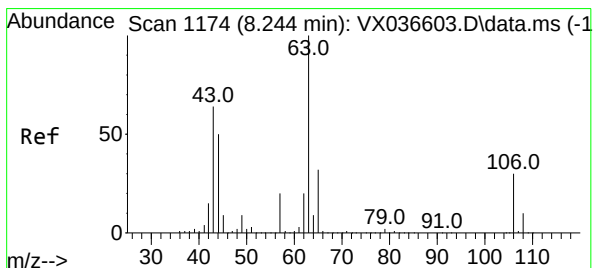
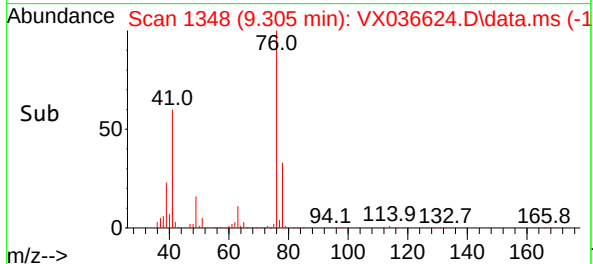
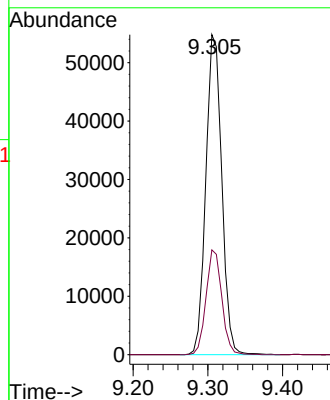
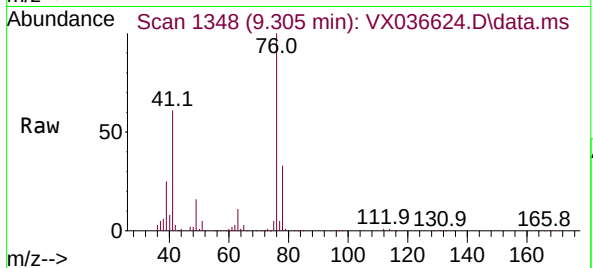
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 101.945 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036624.D

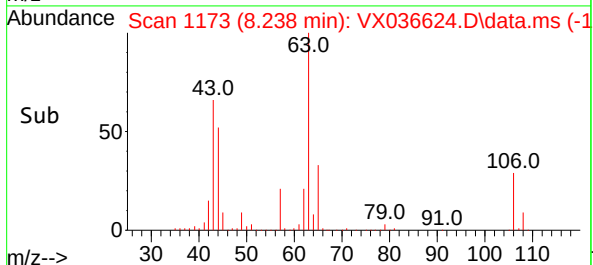
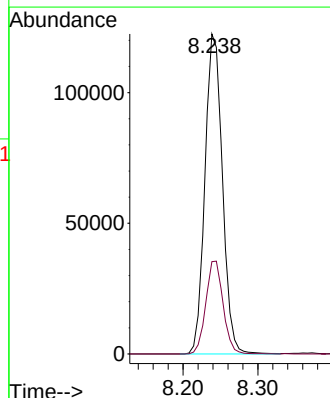
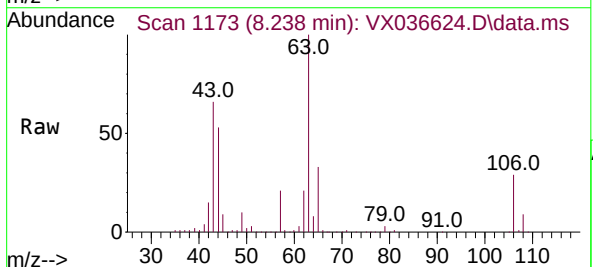
Acq: 24 Jul 2023 12:09

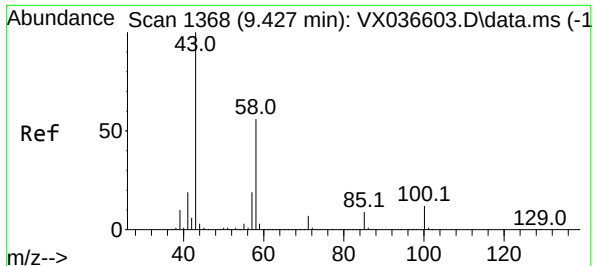
Tgt Ion: 63 Resp: 199152

Ion Ratio Lower Upper

63 100

106 28.7 22.5 33.7





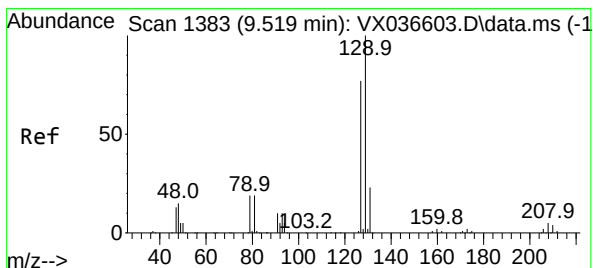
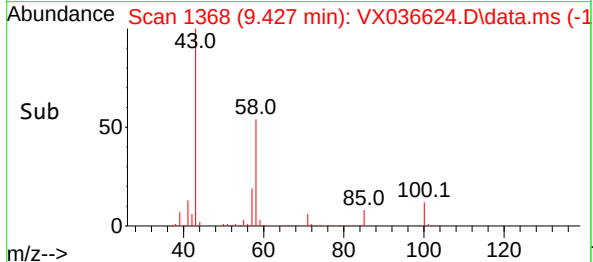
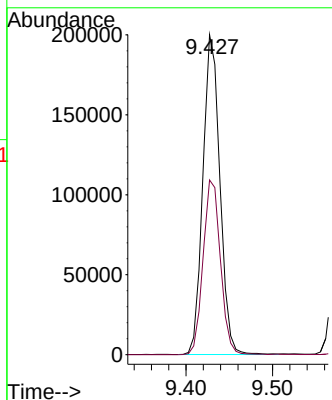
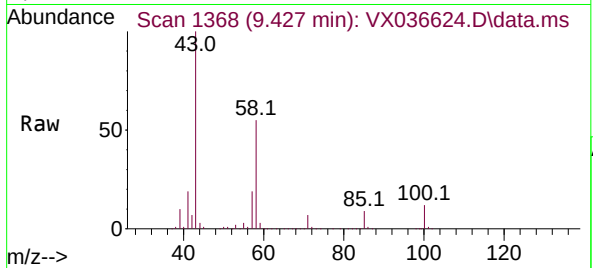
#59
2-Hexanone
Concen: 107.319 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion: 43 Resp: 272849
Ion Ratio Lower Upper
43 100
58 55.7 26.2 78.5

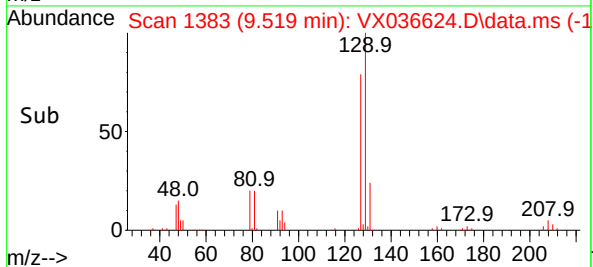
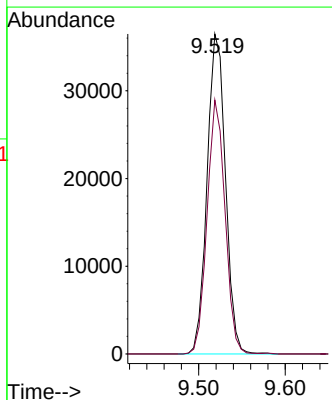
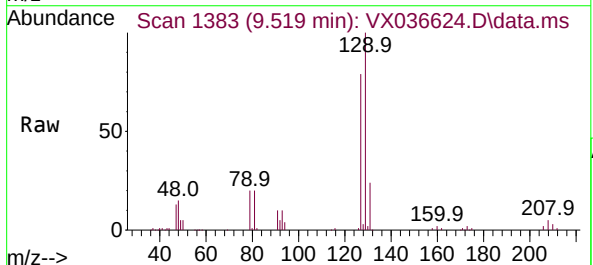
Manual Integrations
APPROVED

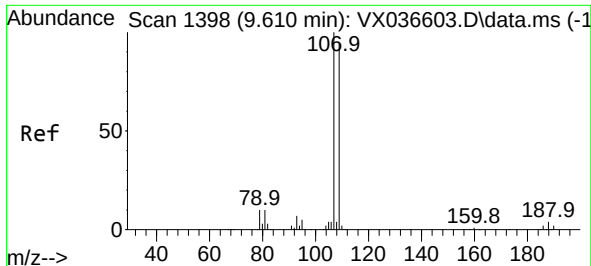
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#60
Dibromochloromethane
Concen: 20.092 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

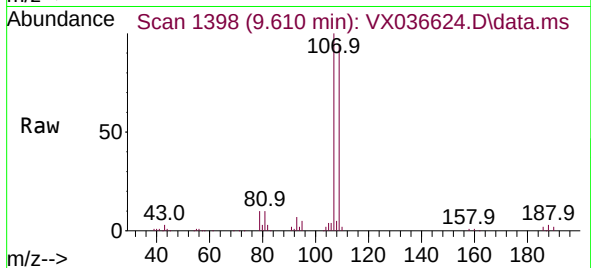
Tgt Ion:129 Resp: 53767
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.223 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

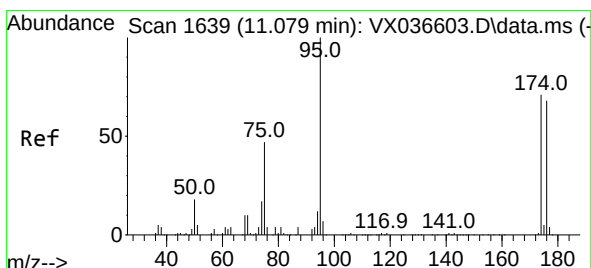
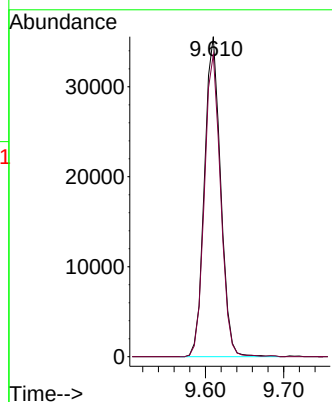
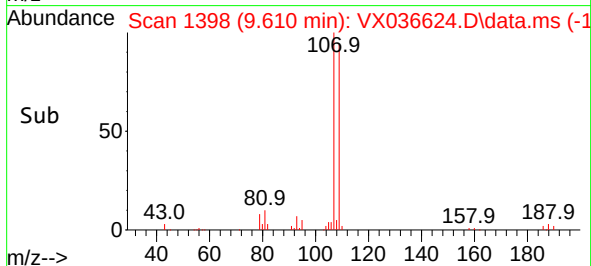
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



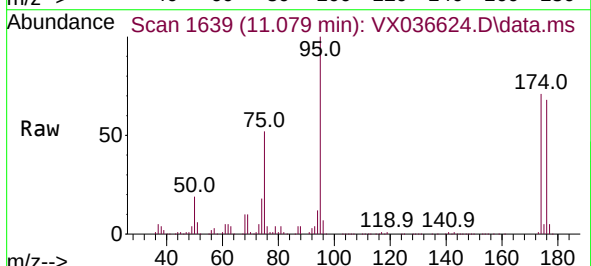
Tgt Ion:107 Resp: 5103
Ion Ratio Lower Upper
107 100
109 94.1 75.2 112.8

Manual Integrations
APPROVED

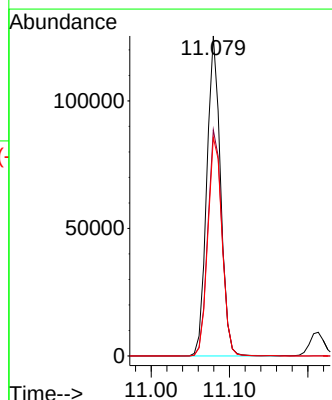
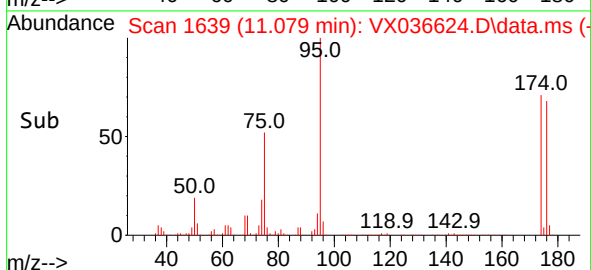
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

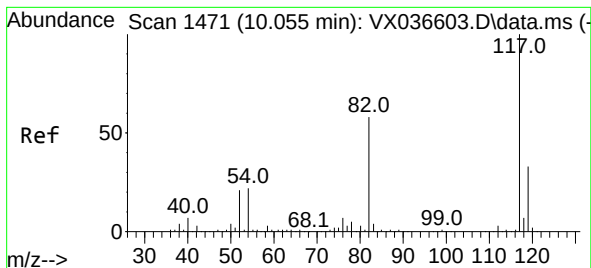


#62
4-Bromofluorobenzene
Concen: 53.289 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09



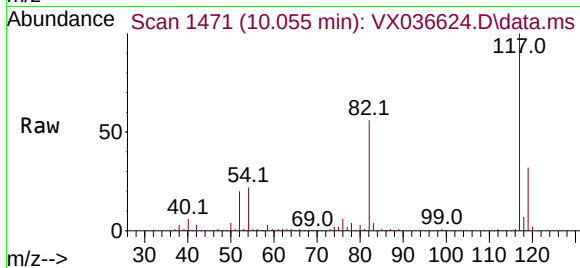
Tgt Ion: 95 Resp: 151982
Ion Ratio Lower Upper
95 100
174 73.0 0.0 135.6
176 70.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

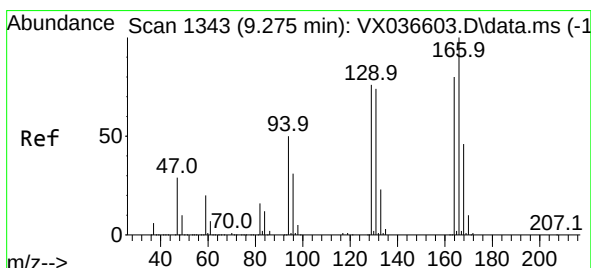
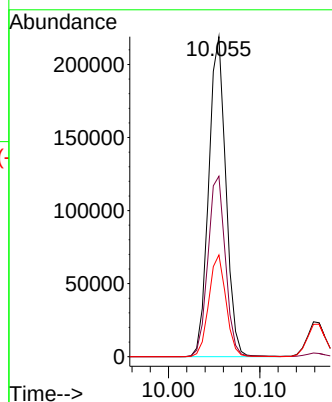
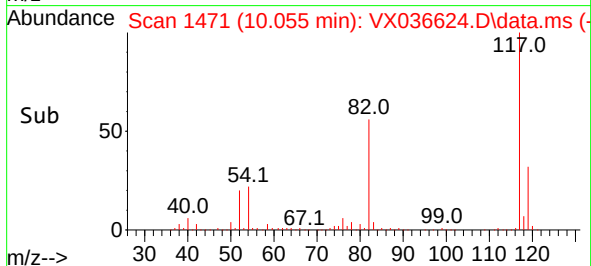
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion:117 Resp: 28601
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 31.8 25.5 38.3

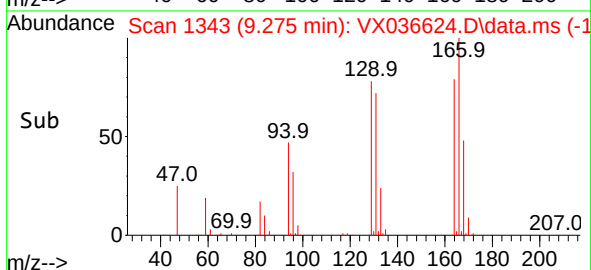
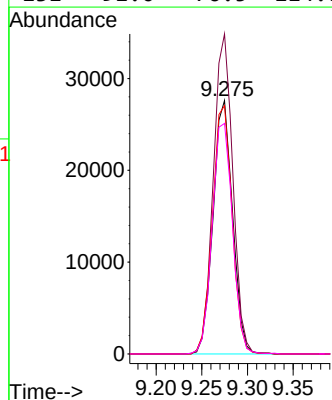
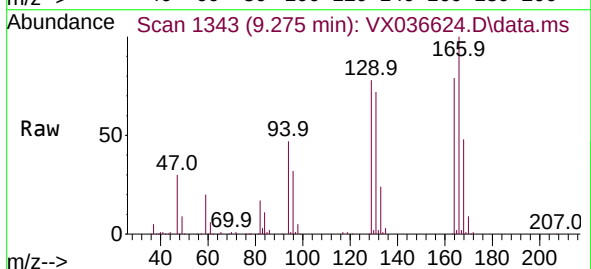
Manual Integrations
APPROVED

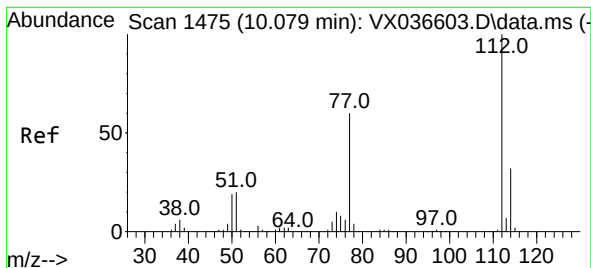
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#64
Tetrachloroethene
Concen: 19.168 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Tgt Ion:164 Resp: 40892
Ion Ratio Lower Upper
164 100
166 126.3 102.7 154.1
129 98.0 80.4 120.6
131 91.0 76.5 114.7





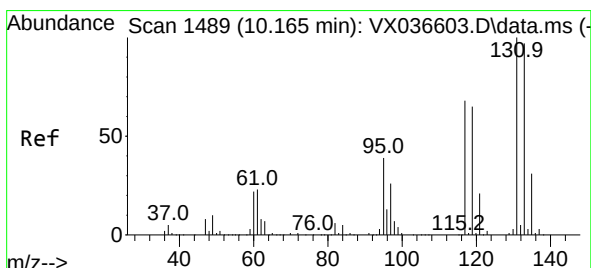
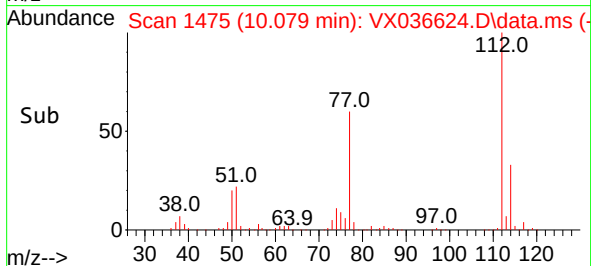
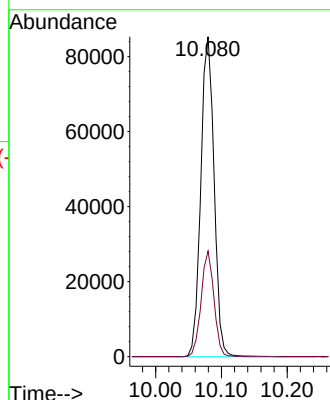
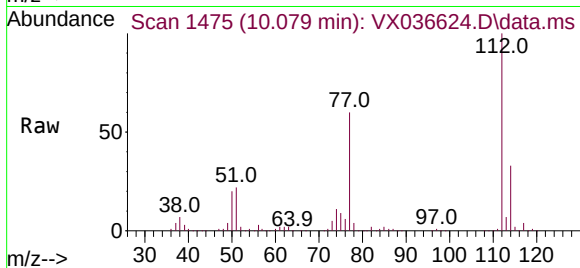
#65
Chlorobenzene
Concen: 19.017 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion:112 Resp: 11989
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5

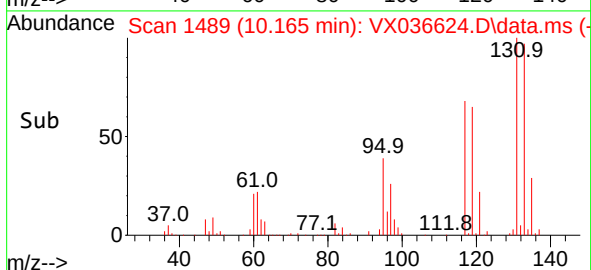
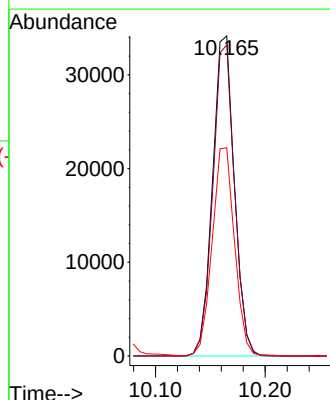
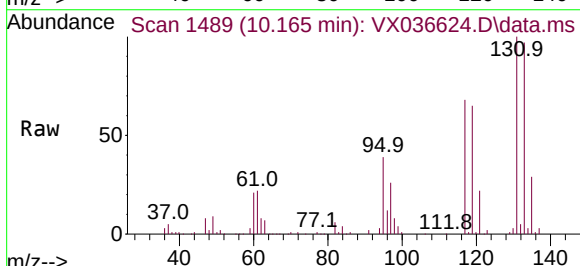
Manual Integrations
APPROVED

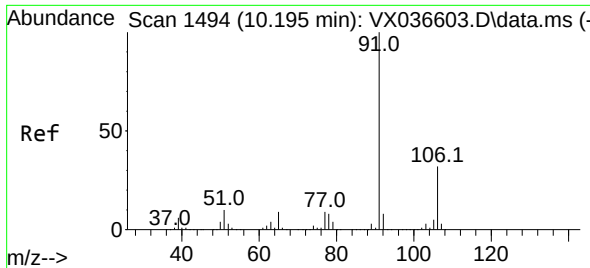
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.374 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Tgt Ion:131 Resp: 47212
Ion Ratio Lower Upper
131 100
133 96.7 47.1 141.4
119 66.9 32.2 96.6





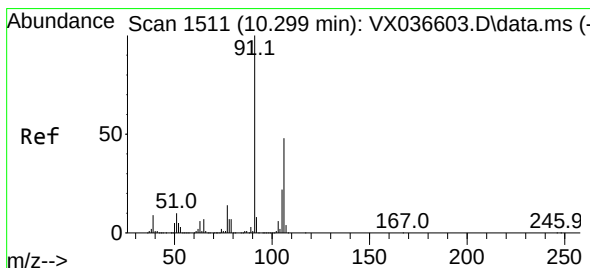
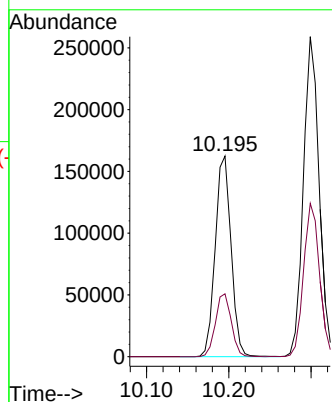
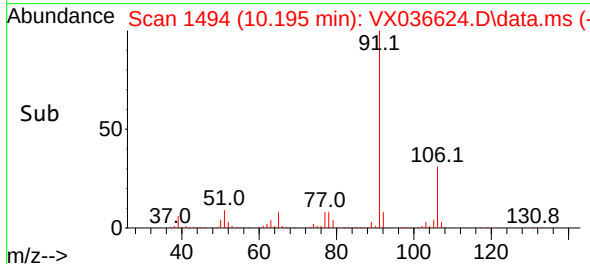
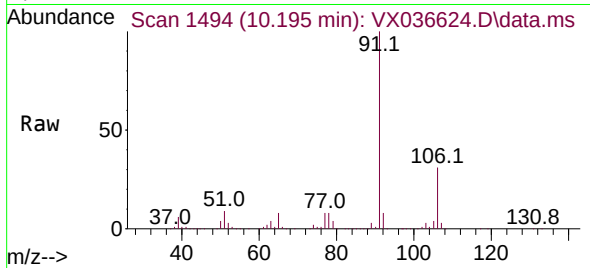
#67
Ethyl Benzene
Concen: 18.894 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion: 91 Resp: 21761
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

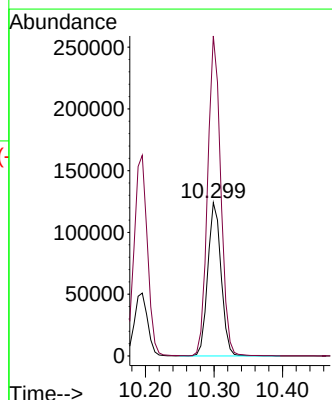
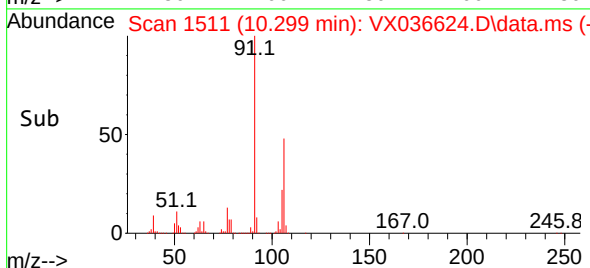
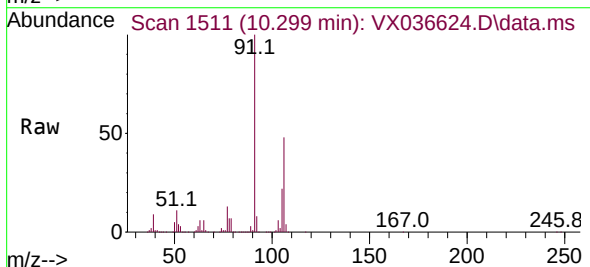
Manual Integrations
APPROVED

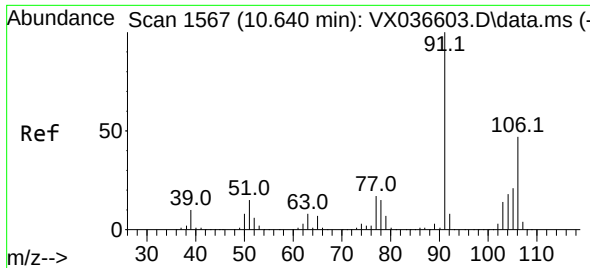
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#68
m/p-Xylenes
Concen: 39.048 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Tgt Ion:106 Resp: 167799
Ion Ratio Lower Upper
106 100
91 205.4 165.5 248.3





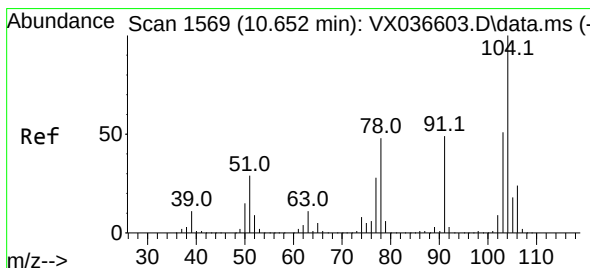
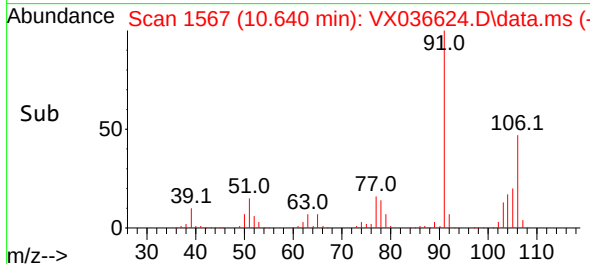
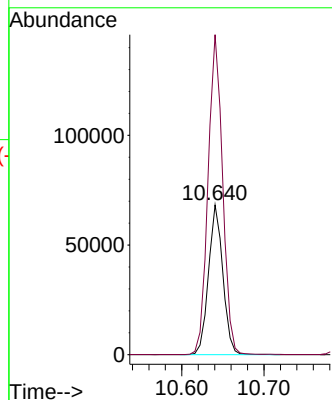
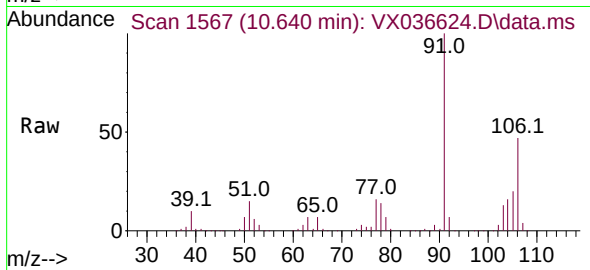
#69
o-Xylene
Concen: 19.283 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion:106 Resp: 8271
Ion Ratio Lower Upper
106 100
91 217.3 108.9 326.8

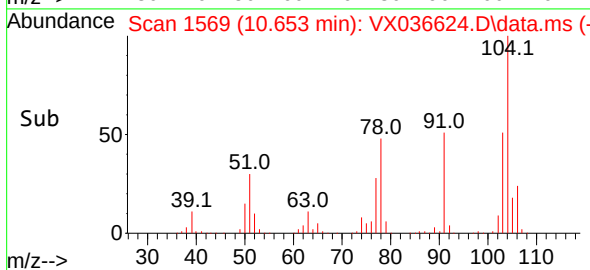
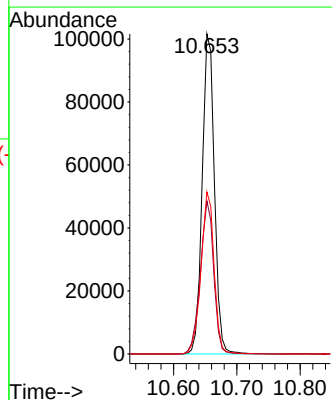
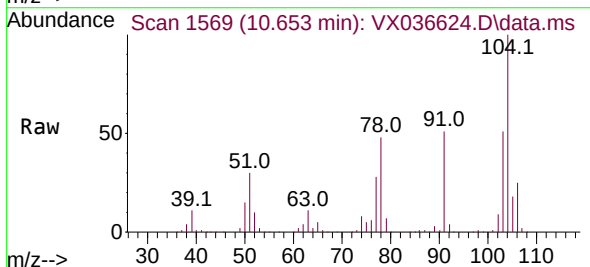
Manual Integrations
APPROVED

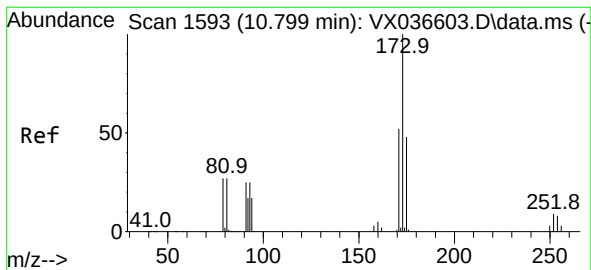
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#70
Styrene
Concen: 19.332 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Tgt Ion:104 Resp: 136814
Ion Ratio Lower Upper
104 100
78 52.3 43.6 65.4
103 54.3 43.6 65.4





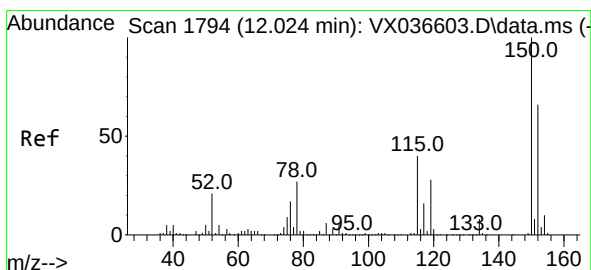
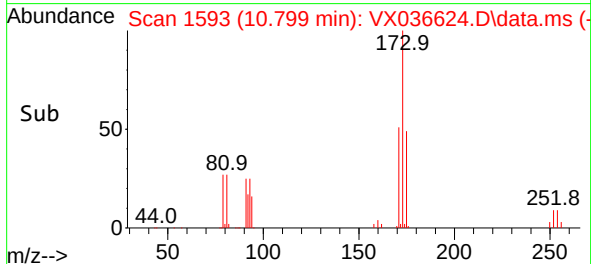
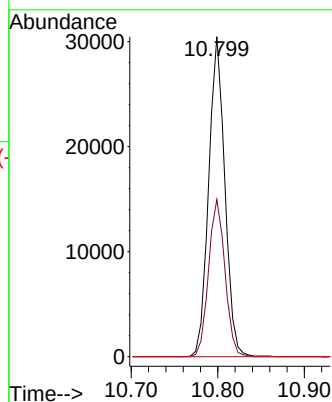
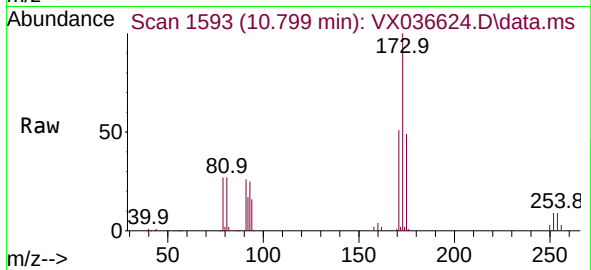
#71
Bromoform
Concen: 19.995 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion:173 Resp: 3944
Ion Ratio Lower Upper
173 100
175 49.8 24.1 72.4
254 0.0 0.0 0.0

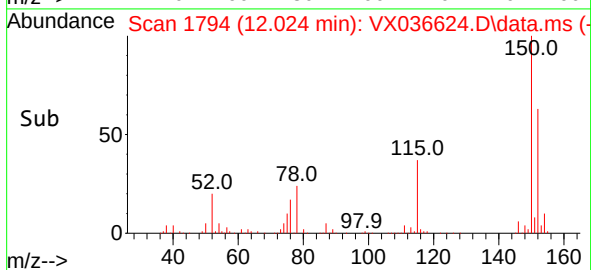
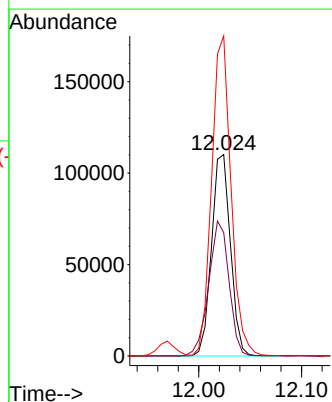
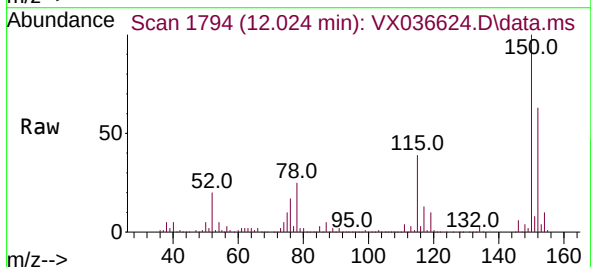
Manual Integrations
APPROVED

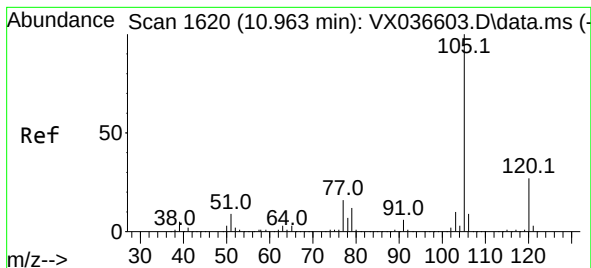
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Tgt Ion:152 Resp: 140435
Ion Ratio Lower Upper
152 100
115 72.0 43.3 129.9
150 163.2 0.0 345.0





#73

Isopropylbenzene

Concen: 18.513 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tgt Ion:105 Resp: 21515

Ion Ratio Lower Upper

105 100

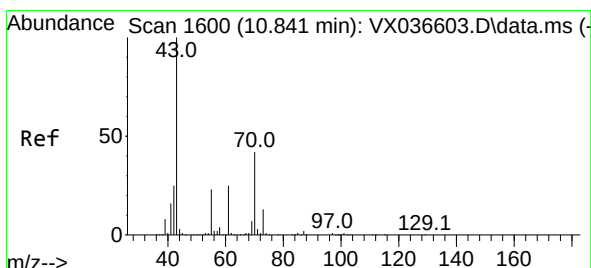
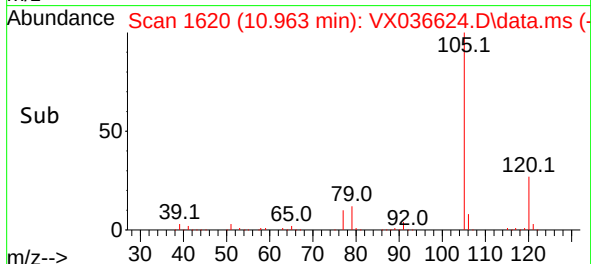
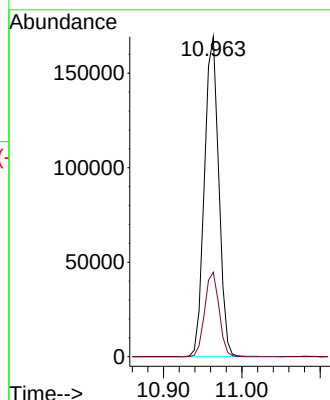
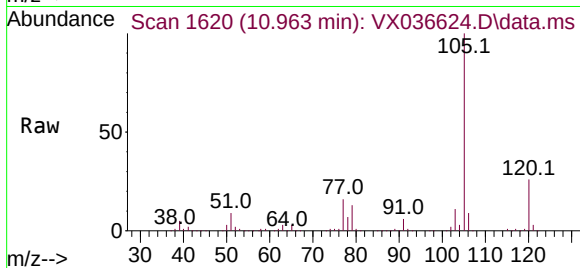
120 26.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#74

N-ethyl acetate

Concen: 19.258 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Tgt Ion: 43 Resp: 104373

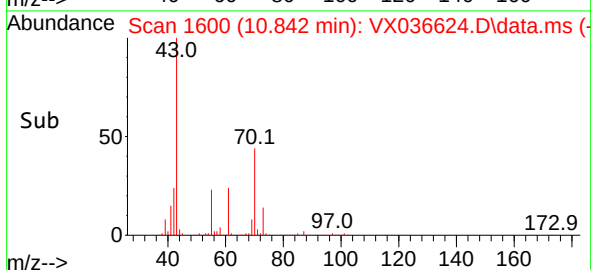
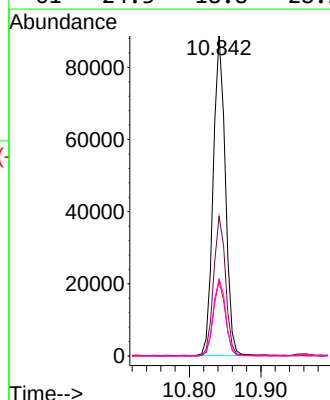
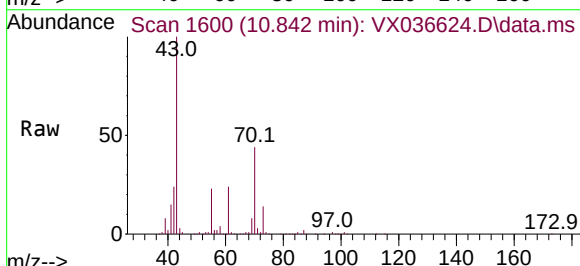
Ion Ratio Lower Upper

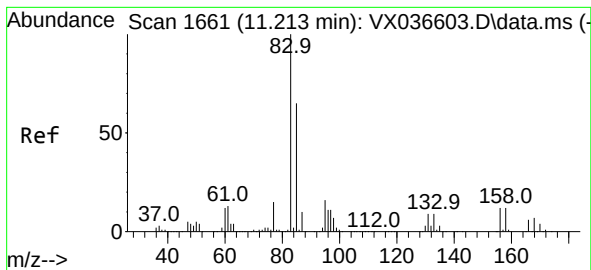
43 100

70 43.3 32.9 49.3

55 23.4 19.3 28.9

61 24.3 18.8 28.2





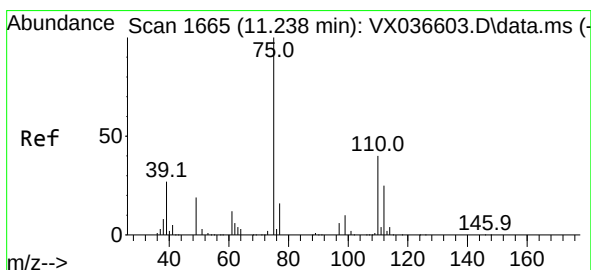
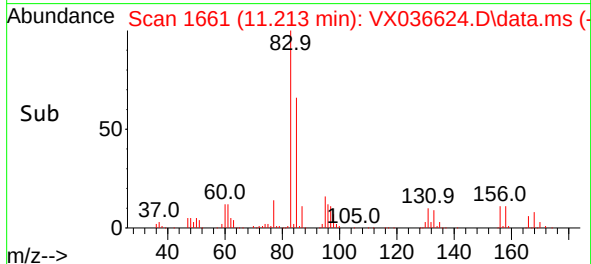
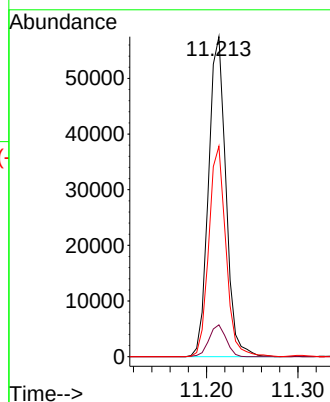
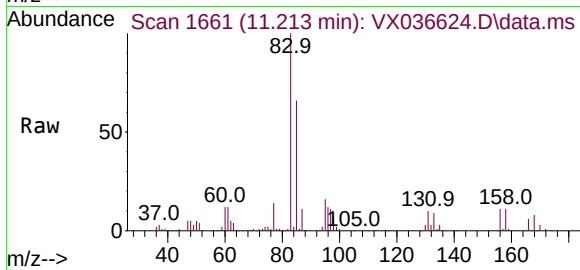
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.291 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX036624.D
 Acq: 24 Jul 2023 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01

Tgt Ion: 83 Resp: 7572
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.3 15.8
 85 64.8 32.0 96.2

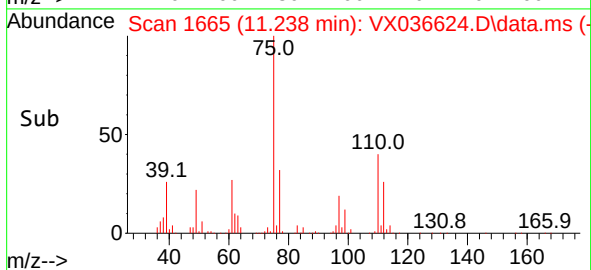
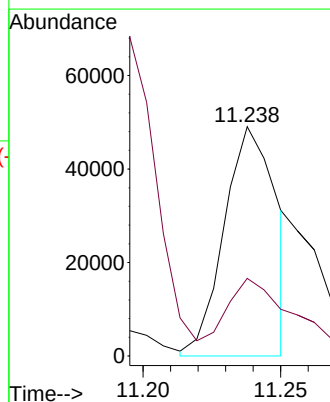
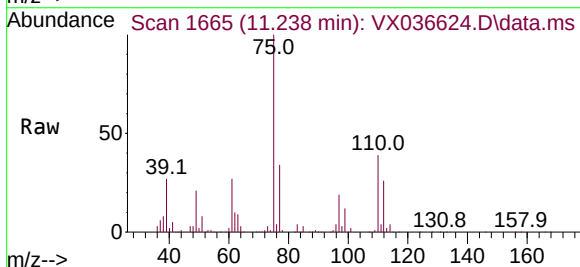
Manual Integrations
 APPROVED

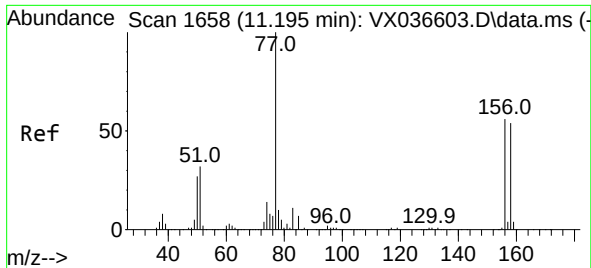
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023



#76
 1,2,3-Trichloropropane
 Concen: 19.576 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX036624.D
 Acq: 24 Jul 2023 12:09

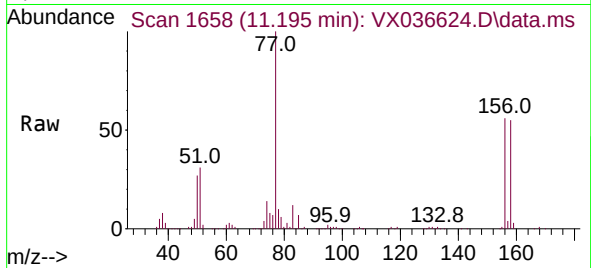
Tgt Ion: 75 Resp: 64663
 Ion Ratio Lower Upper
 75 100
 77 44.7 19.1 57.5





#77
Bromobenzene
Concen: 18.935 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

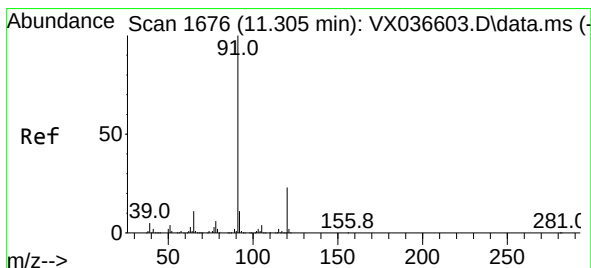
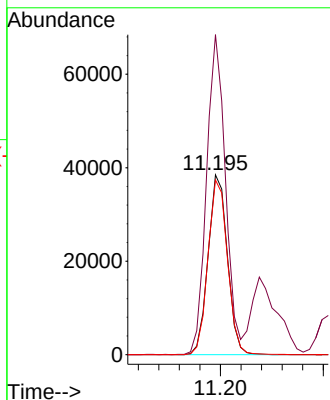
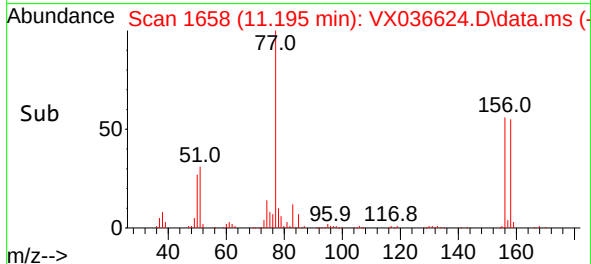
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



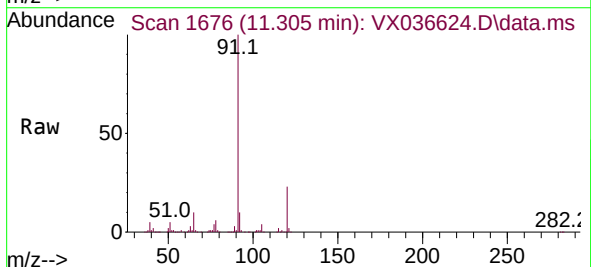
Tgt Ion:156 Resp: 50117
Ion Ratio Lower Upper
156 100
77 174.3 88.4 265.3
158 98.3 48.0 144.0

Manual Integrations
APPROVED

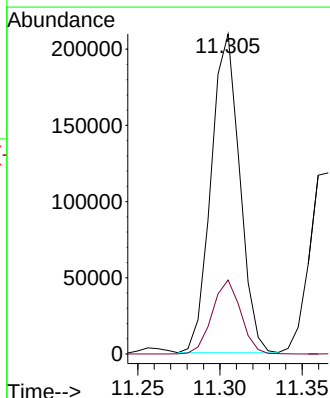
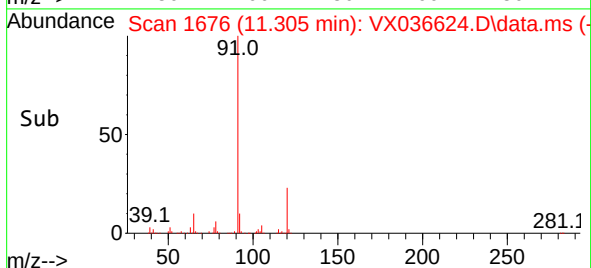
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

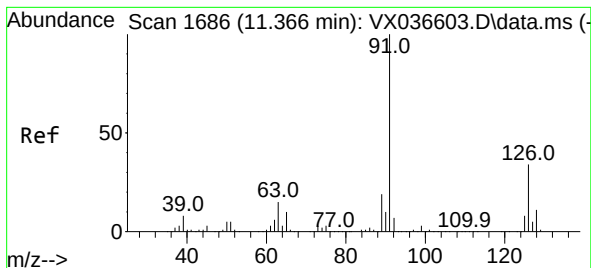


#78
n-propylbenzene
Concen: 18.861 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09



Tgt Ion: 91 Resp: 253515
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





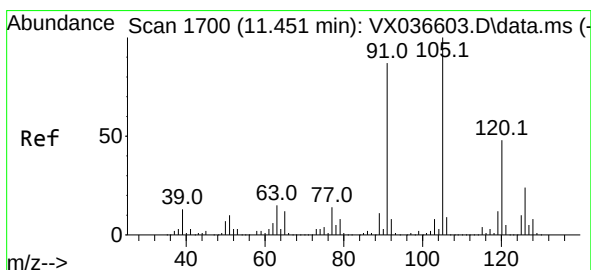
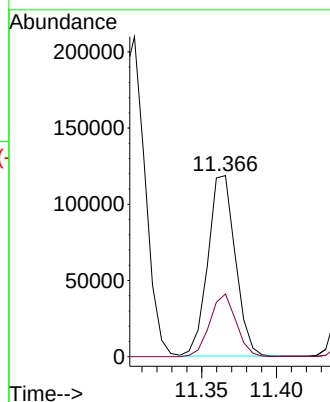
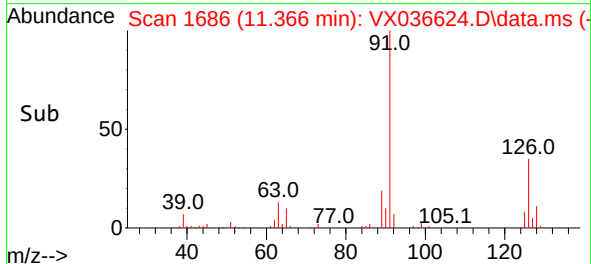
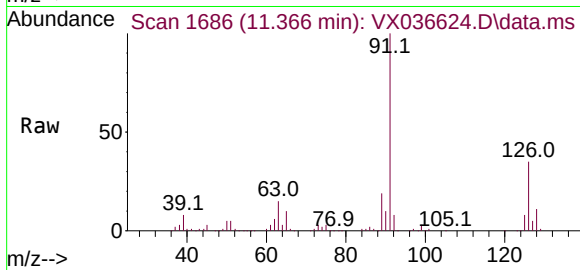
#79
2-Chlorotoluene
Concen: 18.582 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion: 91 Resp: 15135
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8

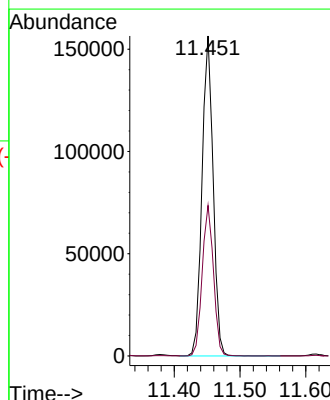
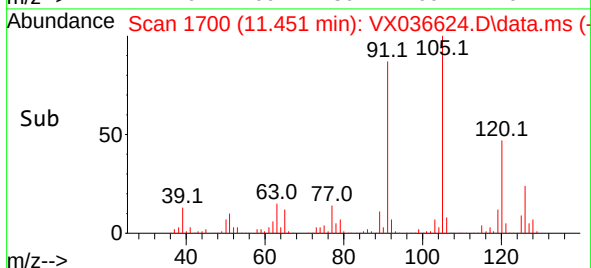
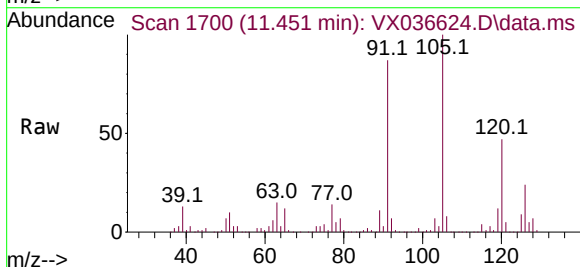
Manual Integrations
APPROVED

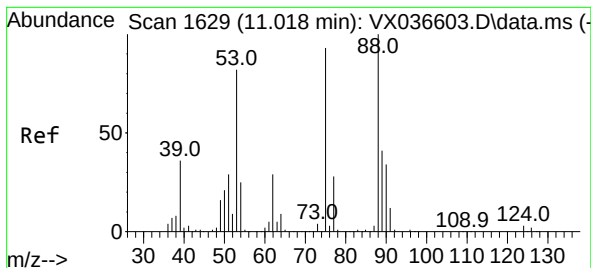
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.915 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Tgt Ion:105 Resp: 183904
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





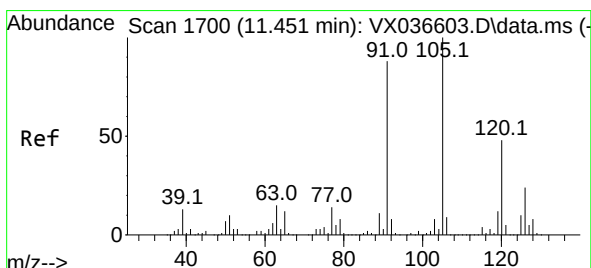
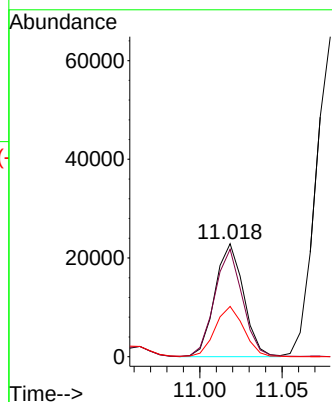
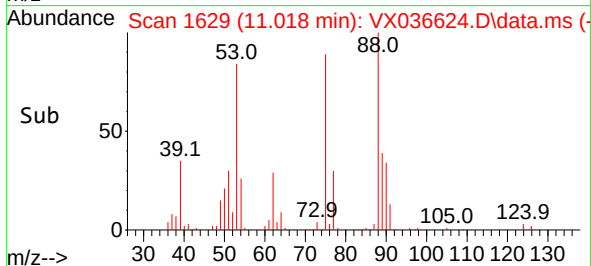
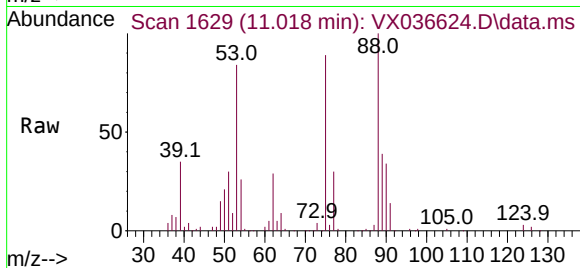
#81
trans-1,4-Dichloro-2-butene
Concen: 19.027 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tgt Ion: 75 Resp: 27729
Ion Ratio Lower Upper
75 100
53 93.3 90.5 135.7
89 44.7 36.9 55.3

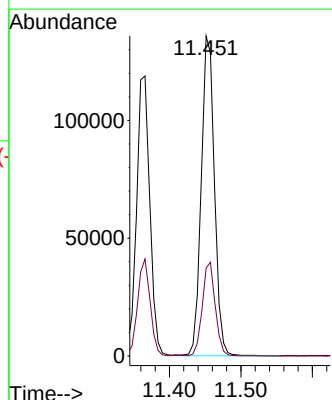
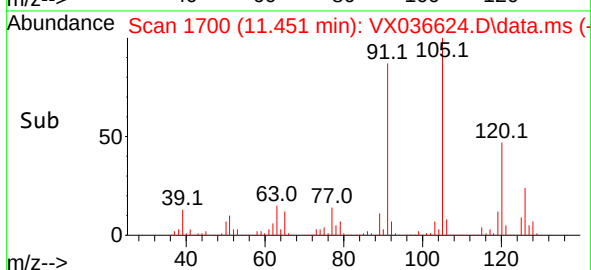
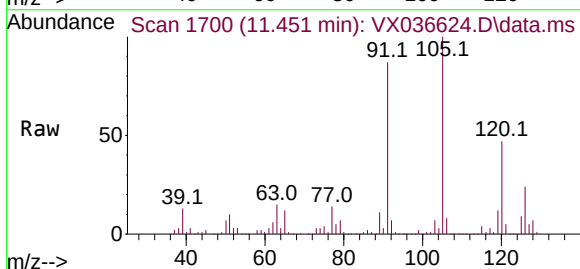
Manual Integrations
APPROVED

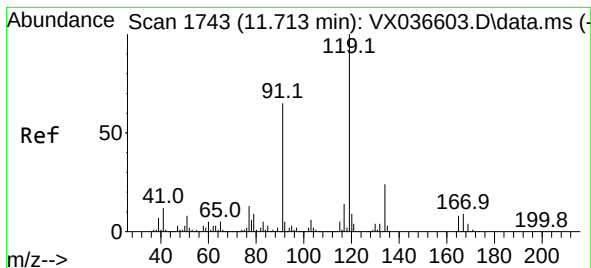
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#82
4-Chlorotoluene
Concen: 18.708 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Tgt Ion: 91 Resp: 173612
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.928 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

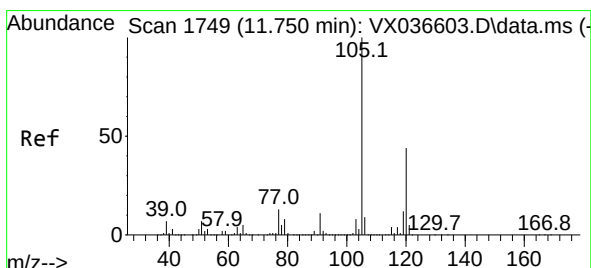
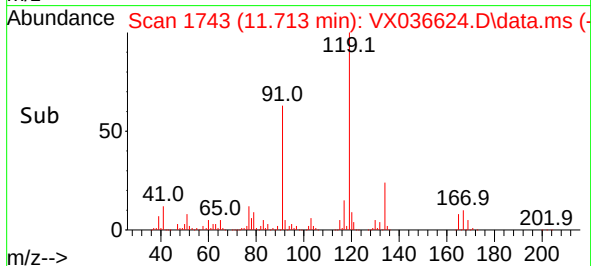
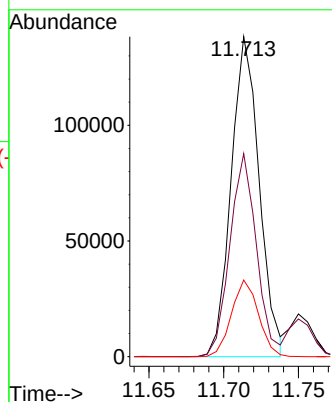
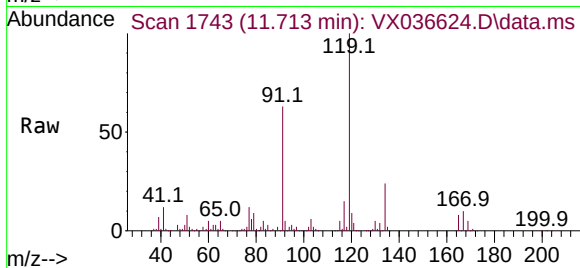
Tgt Ion:119 Resp: 180790
 Ion Ratio Lower Upper
 119 100
 91 60.0 31.2 93.6
 134 23.0 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#84

1,2,4-Trimethylbenzene

Concen: 18.924 ug/l

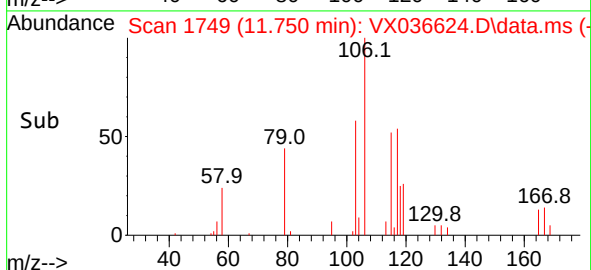
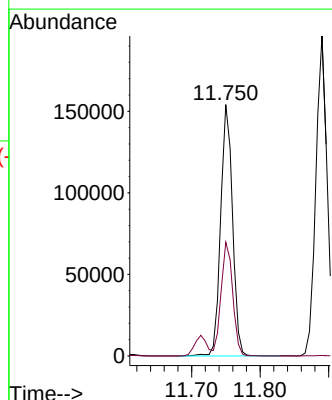
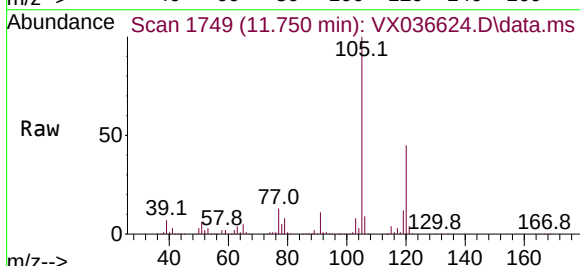
RT: 11.750 min Scan# 1749

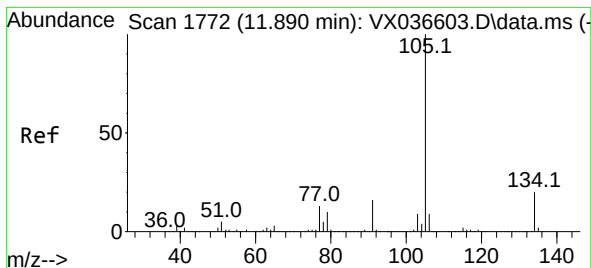
Delta R.T. 0.000 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

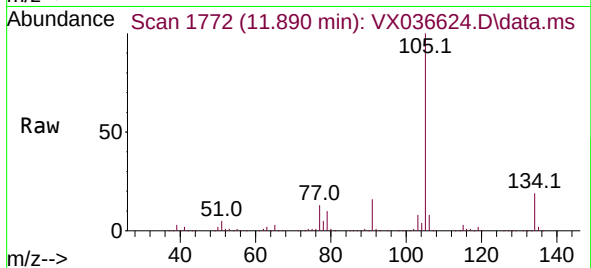
Tgt Ion:105 Resp: 184013
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 18.914 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036624.D
 Acq: 24 Jul 2023 12:09

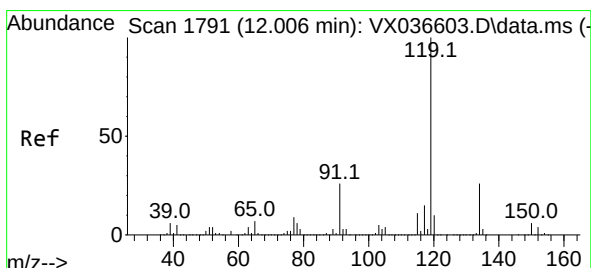
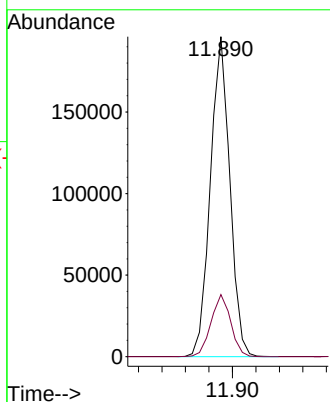
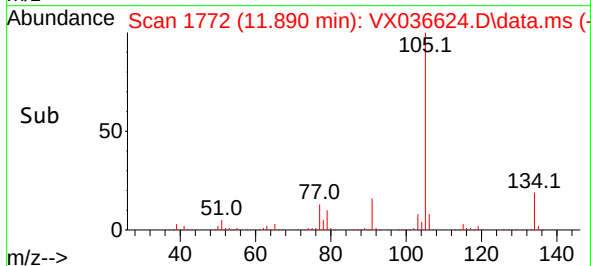
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01



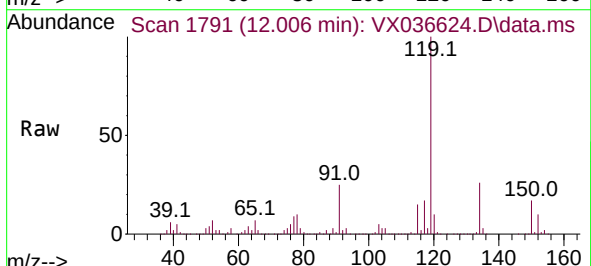
Tgt Ion:105 Resp: 225302
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

Manual Integrations
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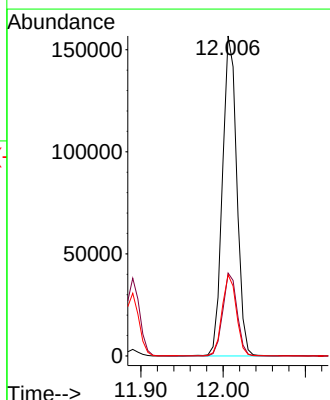
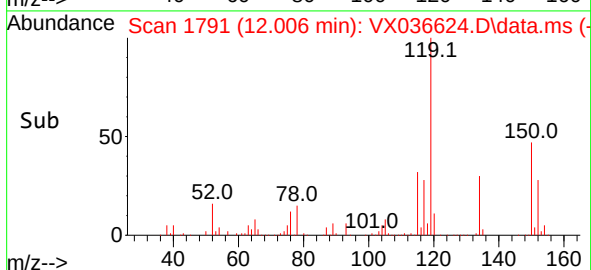
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023

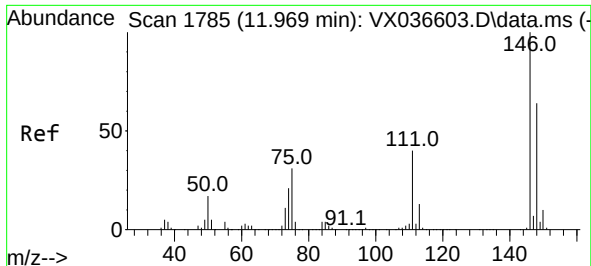


#86
 p-Isopropyltoluene
 Concen: 19.387 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036624.D
 Acq: 24 Jul 2023 12:09



Tgt Ion:119 Resp: 190027
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 25.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.463 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tgt Ion:146 Resp: 95412

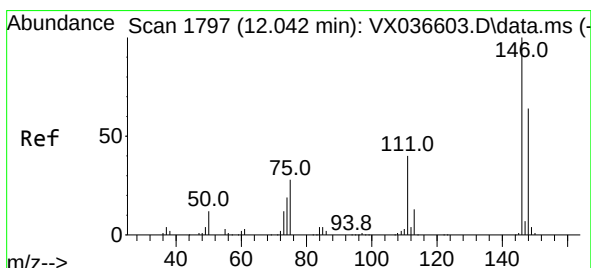
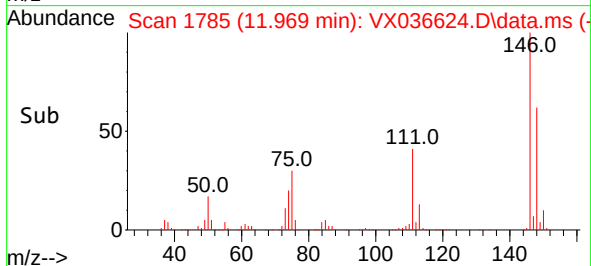
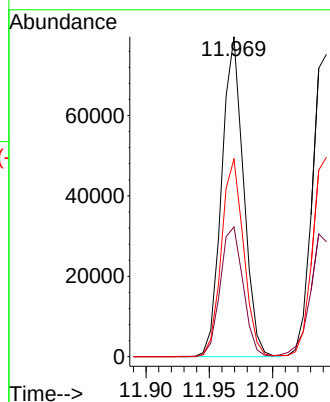
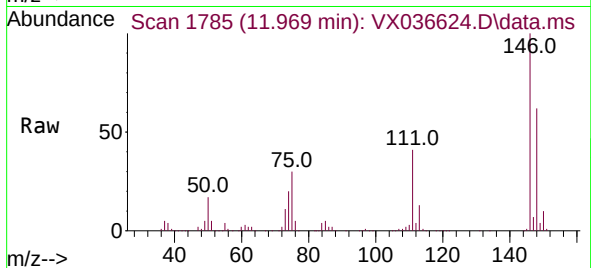
Ion	Ratio	Lower	Upper
146	100		
111	42.6	22.1	66.1
148	62.8	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#88

1,4-Dichlorobenzene

Concen: 19.485 ug/l

RT: 12.043 min Scan# 1797

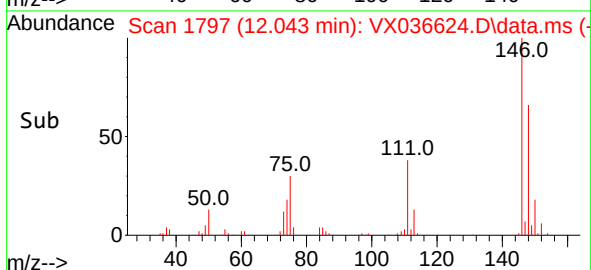
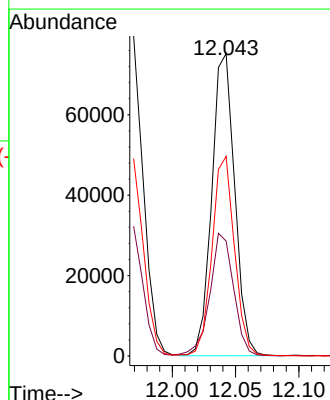
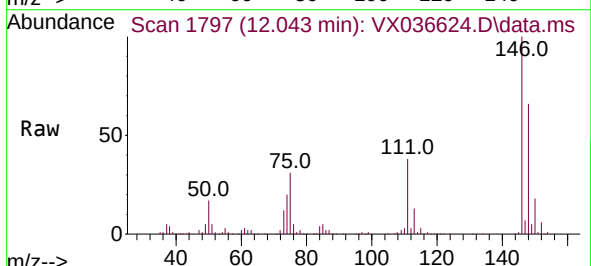
Delta R.T. 0.000 min

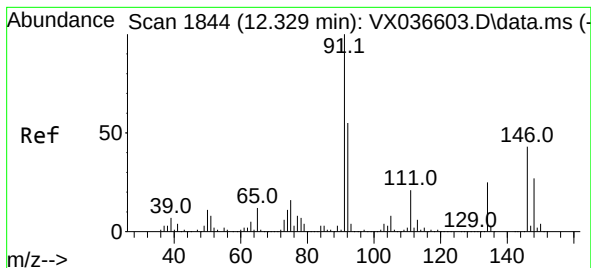
Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Tgt Ion:146 Resp: 94793

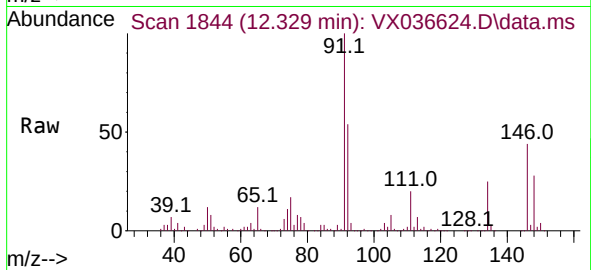
Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.3	63.7
148	65.0	31.8	95.4





#89
n-Butylbenzene
Concen: 19.347 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

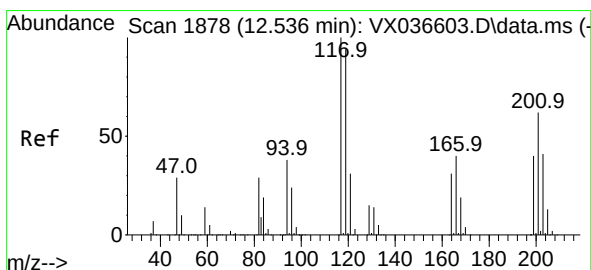
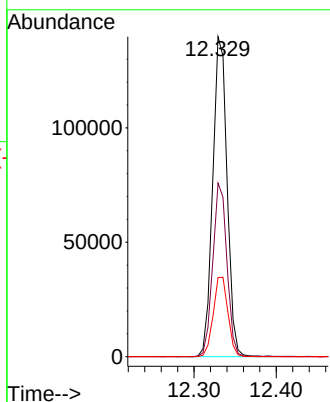
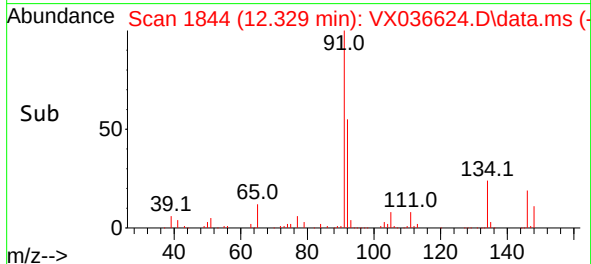
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion: 91 Resp: 169758
Ion Ratio Lower Upper
91 100
92 53.4 27.4 82.0
134 25.4 12.6 37.8

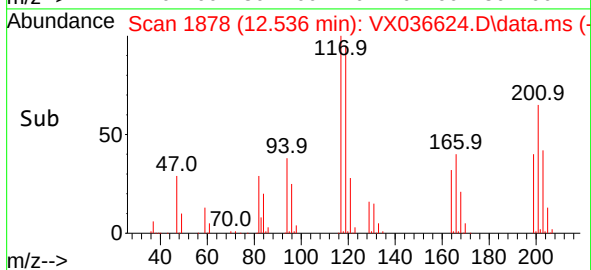
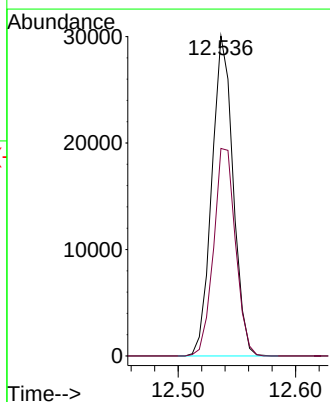
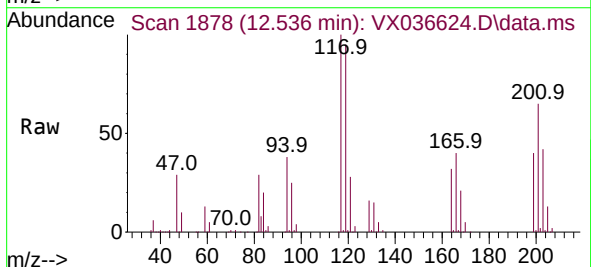
Manual Integrations
APPROVED

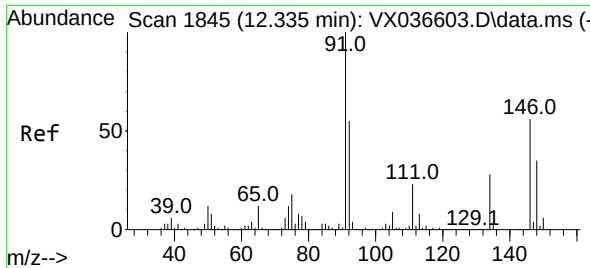
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#90
Hexachloroethane
Concen: 19.047 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

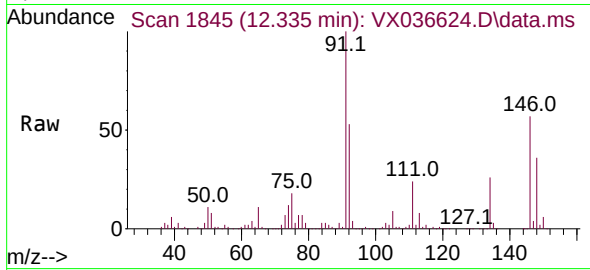
Tgt Ion:117 Resp: 37848
Ion Ratio Lower Upper
117 100
201 67.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.763 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

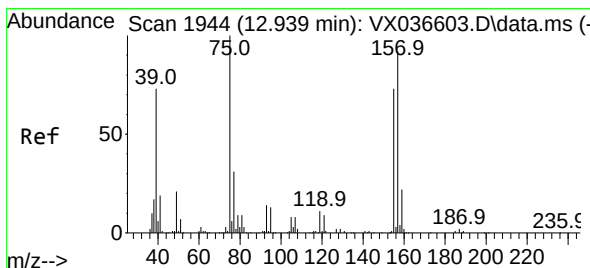
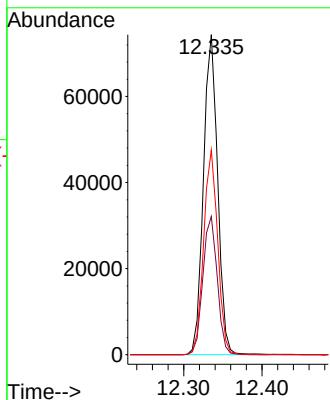
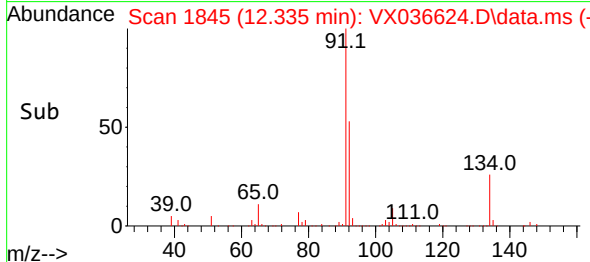
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



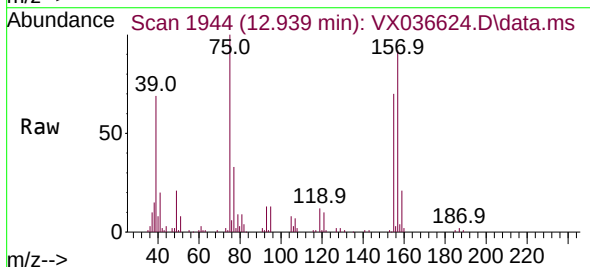
Tgt Ion:146 Resp: 93489
Ion Ratio Lower Upper
146 100
111 43.7 22.4 67.0
148 63.2 31.6 95.0

Manual Integrations
APPROVED

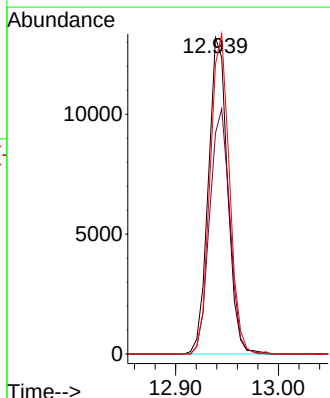
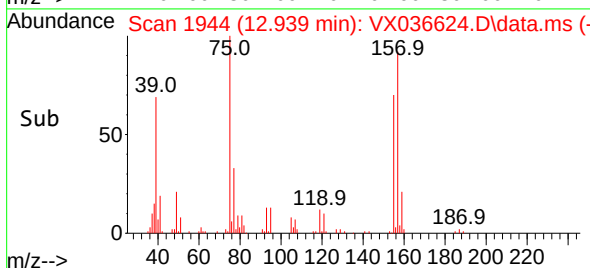
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

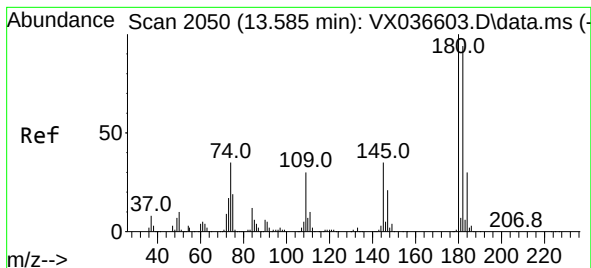


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.784 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09



Tgt Ion: 75 Resp: 17134
Ion Ratio Lower Upper
75 100
155 80.7 36.1 108.5
157 101.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.207 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

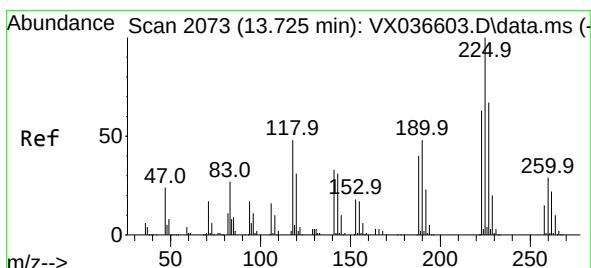
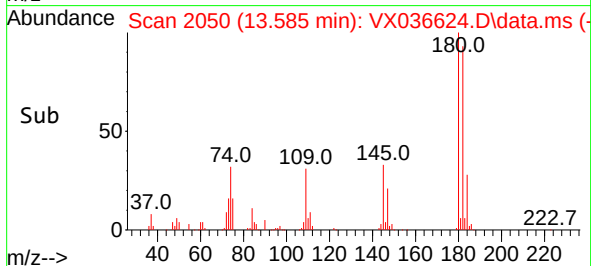
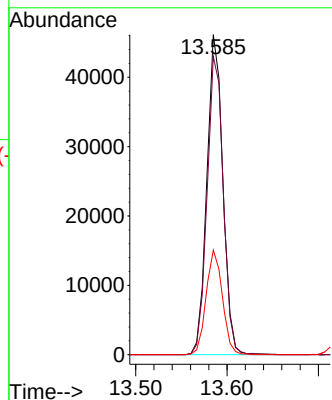
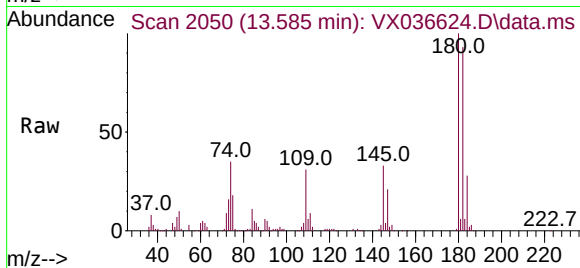
Tgt Ion:180	Resp:	55980
Ion Ratio	Lower	Upper
180	100	
182	94.5	48.3 144.8
145	33.3	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#94

Hexachlorobutadiene

Concen: 18.914 ug/l

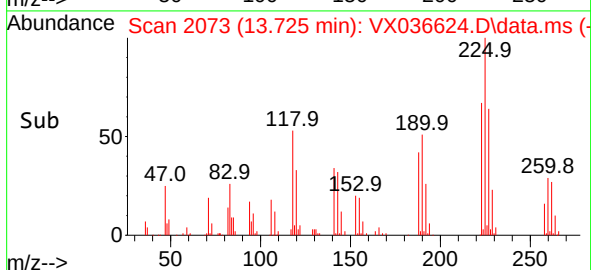
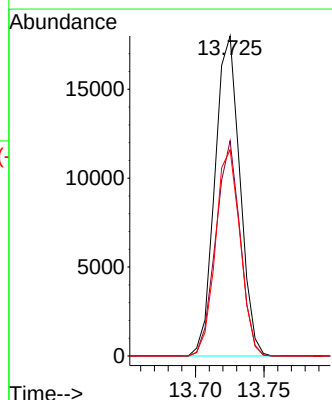
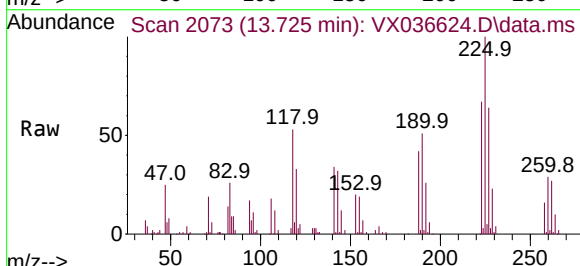
RT: 13.725 min Scan# 2073

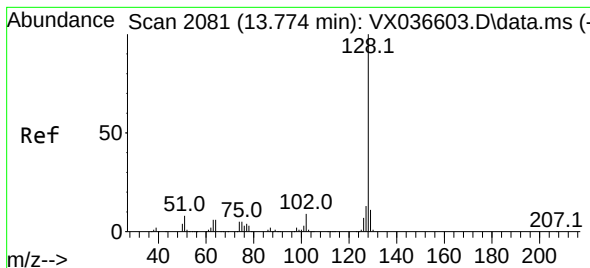
Delta R.T. 0.000 min

Lab File: VX036624.D

Acq: 24 Jul 2023 12:09

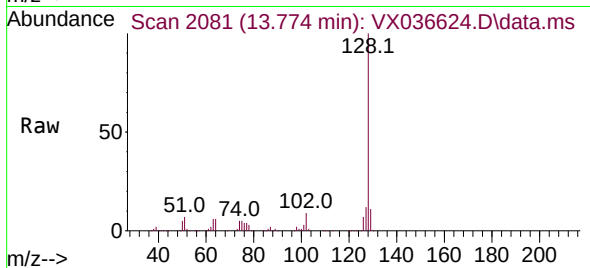
Tgt Ion:225	Resp:	22806
Ion Ratio	Lower	Upper
225	100	
223	65.1	31.1 93.2
227	63.8	32.5 97.5





#95
Naphthalene
Concen: 19.306 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

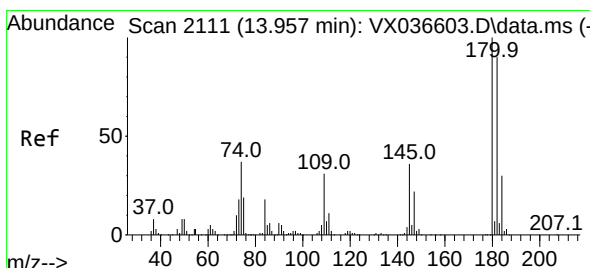
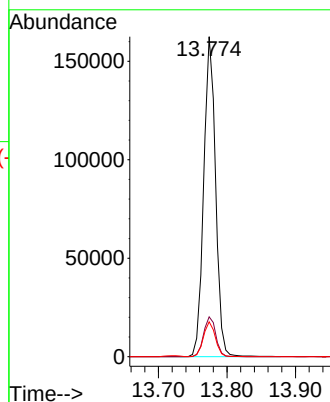
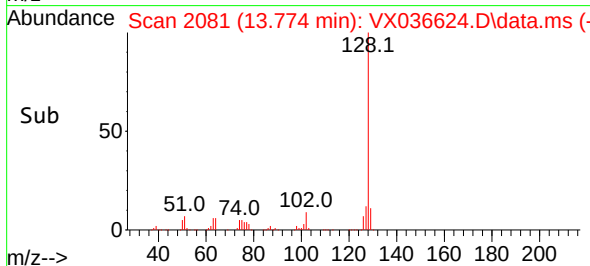
Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01



Tgt Ion:128 Resp: 196078
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.040 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036624.D
Acq: 24 Jul 2023 12:09

Tgt Ion:180 Resp: 54693
Ion Ratio Lower Upper
180 100
182 96.1 46.9 140.6
145 34.6 17.8 53.5

