

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
 Data File : VX035411.D
 Acq On : 28 Apr 2023 23:49
 Operator : JC/MD
 Sample : VX0428WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02

Quant Time: Apr 29 02:02:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2023
 Supervised By : Mahesh Dadoda 05/01/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	240742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	386377	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	341516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	146982	50.606	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.220%			
35) Dibromofluoromethane	5.385	113	123728	52.174	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.340%			
50) Toluene-d8	8.647	98	452383	50.568	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.140%			
62) 4-Bromofluorobenzene	11.079	95	171969	51.100	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	50345	19.764	ug/l	98
3) Chloromethane	1.294	50	42180	18.202	ug/l	97
4) Vinyl Chloride	1.373	62	43172	18.575	ug/l	98
5) Bromomethane	1.617	94	29037	18.797	ug/l	98
6) Chloroethane	1.690	64	25944	19.086	ug/l	99
7) Trichlorofluoromethane	1.892	101	70779	19.474	ug/l	100
8) Diethyl Ether	2.136	74	24942	18.821	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	45375	18.692	ug/l	95
10) Methyl Iodide	2.453	142	53191	17.361	ug/l	99
11) Tert butyl alcohol	3.019	59	50091	94.720	ug/l #	86
12) 1,1-Dichloroethene	2.325	96	44582	19.067	ug/l	97
13) Acrolein	2.239	56	49421	95.027	ug/l	100
14) Allyl chloride	2.666	41	75324	18.306	ug/l	97
15) Acrylonitrile	3.068	53	122925	92.937	ug/l	100
16) Acetone	2.398	43	102454	81.220	ug/l	98
17) Carbon Disulfide	2.514	76	100122	17.862	ug/l	100
18) Methyl Acetate	2.709	43	92971	19.059	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	160408	19.997	ug/l	98
20) Methylene Chloride	2.788	84	52274	18.073	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	48220	18.988	ug/l	95
22) Diisopropyl ether	3.757	45	158021	19.407	ug/l	98
23) Vinyl Acetate	3.721	43	539040	96.309	ug/l	100
24) 1,1-Dichloroethane	3.611	63	89074	19.421	ug/l	99
25) 2-Butanone	4.568	43	163415	88.755	ug/l	98
26) 2,2-Dichloropropane	4.470	77	60530	16.845	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	56791	19.025	ug/l	94
28) Bromochloromethane	4.897	49	37229	19.047	ug/l	86
29) Tetrahydrofuran	5.007	42	107699	91.248	ug/l	94
30) Chloroform	5.092	83	92949	20.075	ug/l	99
31) Cyclohexane	5.476	56	77610	18.837	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	80150	19.752	ug/l	97
36) 1,1-Dichloropropene	5.690	75	67505	18.230	ug/l	98
37) Ethyl Acetate	4.714	43	63356	18.733	ug/l	96
38) Carbon Tetrachloride	5.678	117	67523	19.209	ug/l	96
39) Methylcyclohexane	7.378	83	79018	17.531	ug/l	98
40) Benzene	6.037	78	202202	19.035	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	36656	18.915	ug/l	97
42) 1,2-Dichloroethane	6.086	62	73116	19.305	ug/l	97
43) Isopropyl Acetate	6.336	43	102982	18.122	ug/l #	95
44) Trichloroethene	7.129	130	56401	19.274	ug/l	94
45) 1,2-Dichloropropane	7.433	63	51374	19.183	ug/l	96
46) Dibromomethane	7.580	93	35304	19.197	ug/l	93
47) Bromodichloromethane	7.824	83	65097	19.212	ug/l	97
48) Methyl methacrylate	7.689	41	52898	18.976	ug/l	92
49) 1,4-Dioxane	7.732	88	25684	377.993	ug/l #	80
51) 4-Methyl-2-Pentanone	8.573	43	324706	93.003	ug/l	95
52) Toluene	8.720	92	129422	19.221	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	65959	18.640	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	76638	19.161	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	51310	19.116	ug/l	97
56) Ethyl methacrylate	9.116	69	77002	19.257	ug/l	90
57) 1,3-Dichloropropane	9.311	76	87838	19.132	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	197448	98.756	ug/l	95
59) 2-Hexanone	9.427	43	240626	91.742	ug/l	93
60) Dibromochloromethane	9.518	129	50105	19.483	ug/l	99
61) 1,2-Dibromoethane	9.610	107	54258	19.608	ug/l	99
64) Tetrachloroethene	9.274	164	49922	19.091	ug/l	95
65) Chlorobenzene	10.079	112	140696	19.042	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	50180	19.514	ug/l	99
67) Ethyl Benzene	10.195	91	247007	19.304	ug/l	99
68) m/p-Xylenes	10.299	106	191881	39.135	ug/l	99
69) o-Xylene	10.640	106	93321	19.410	ug/l	99
70) Styrene	10.652	104	152782	19.599	ug/l	98
71) Bromoform	10.799	173	33487	18.722	ug/l #	96
73) Isopropylbenzene	10.963	105	245646	19.837	ug/l	100
74) N-amyl acetate	10.841	43	89162	19.160	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	75404	19.619	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	60333m	17.855	ug/l	
77) Bromobenzene	11.195	156	61515	19.985	ug/l	89
78) n-propylbenzene	11.305	91	273610	19.239	ug/l	100
79) 2-Chlorotoluene	11.366	91	170833	19.223	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	208156	19.936	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	17455	16.730	ug/l	96
82) 4-Chlorotoluene	11.451	91	195281	19.565	ug/l	97
83) tert-Butylbenzene	11.713	119	202675	19.346	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	206747	19.707	ug/l	99
85) sec-Butylbenzene	11.890	105	242883	18.901	ug/l	100
86) p-Isopropyltoluene	12.006	119	208831	19.108	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	111893	19.128	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	113814	18.557	ug/l	99
89) n-Butylbenzene	12.335	91	160846	17.434	ug/l	98
90) Hexachloroethane	12.536	117	29669	17.734	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	110524	18.891	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14804	19.209	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	67920	18.469	ug/l	98
94) Hexachlorobutadiene	13.725	225	26829	16.623	ug/l	98
95) Naphthalene	13.774	128	229015	20.229	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	68925	18.618	ug/l	99

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

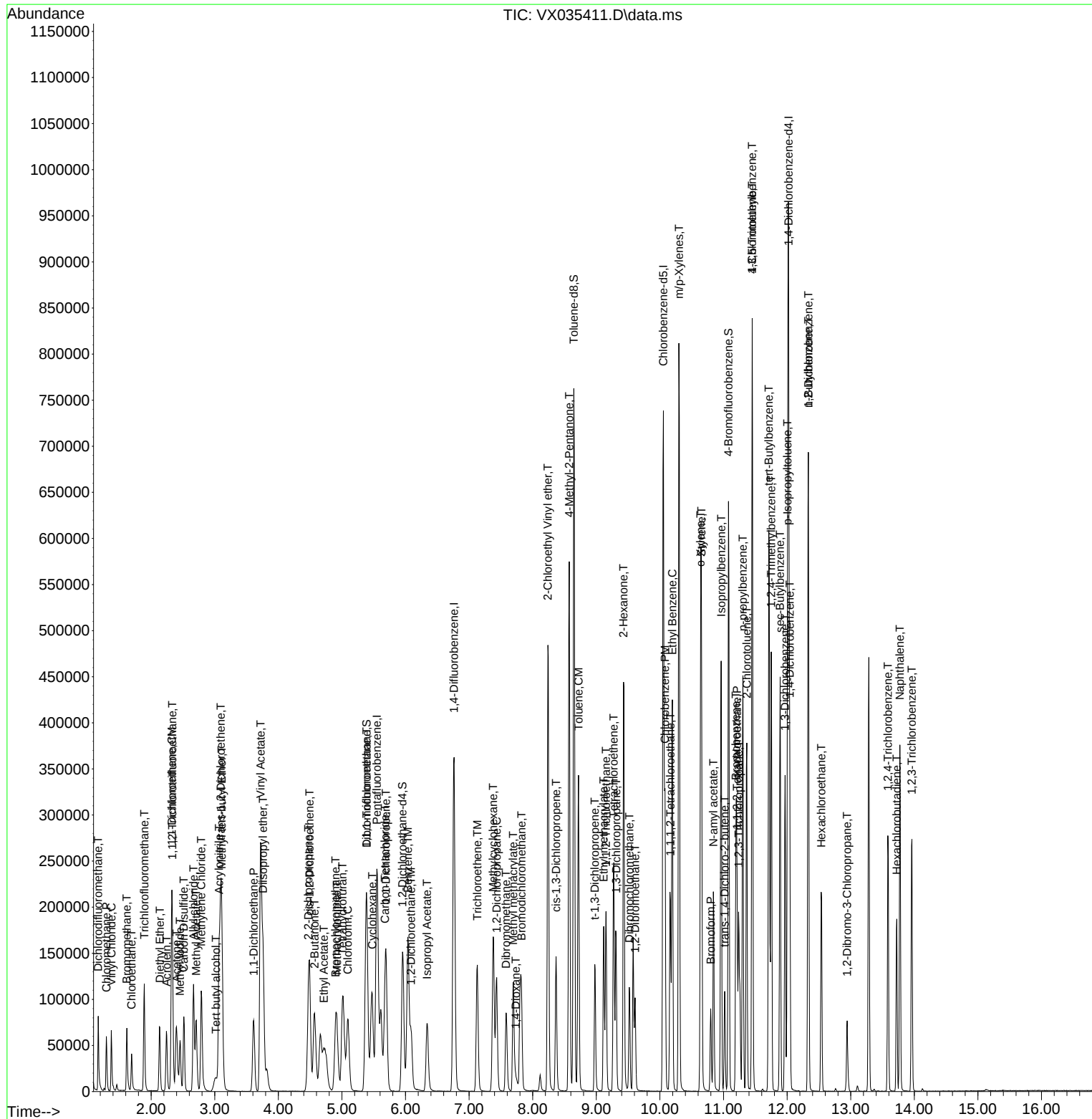
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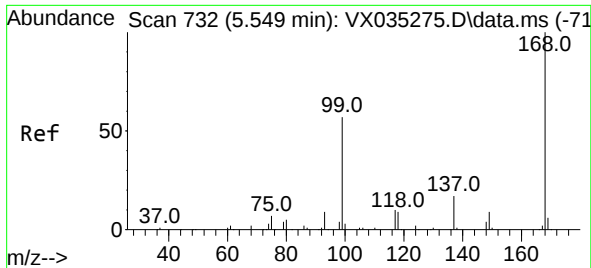
Instrument :
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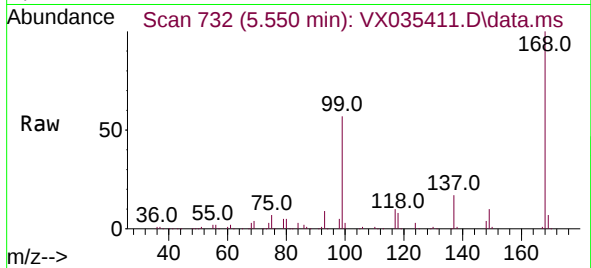
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035411.D
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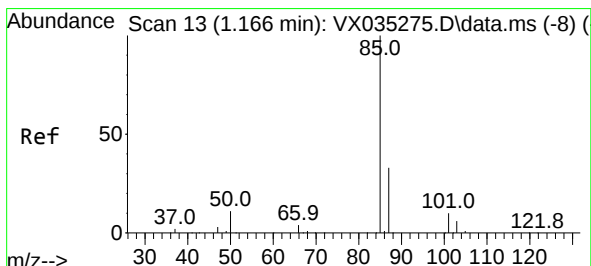
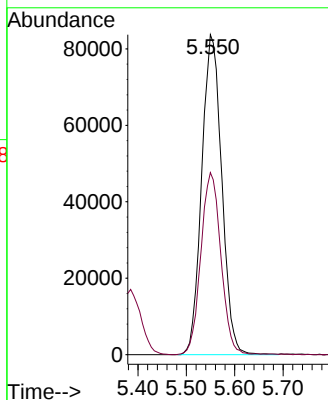
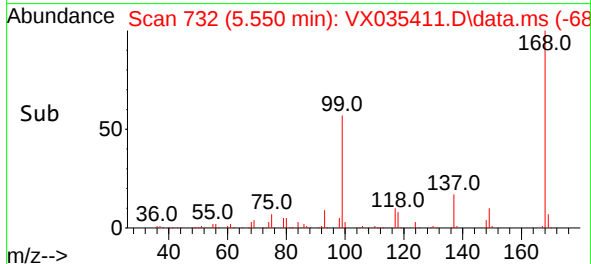
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02



Tgt Ion:168 Resp: 24074
Ion Ratio Lower Upper
168 100
99 56.8 45.7 68.5

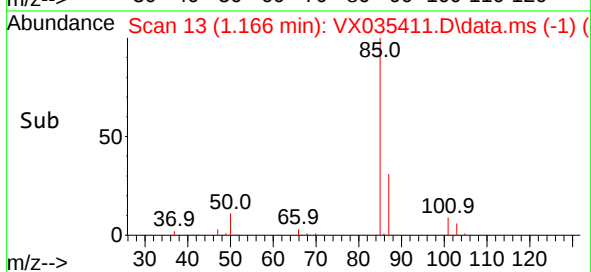
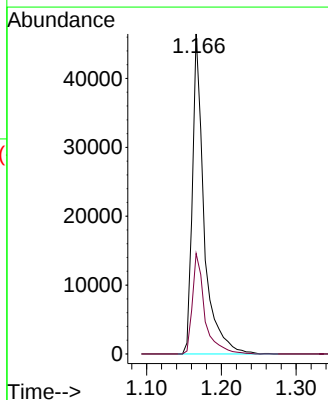
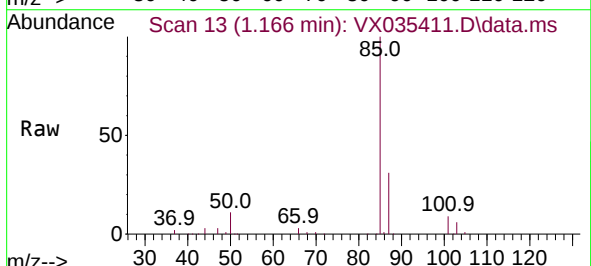
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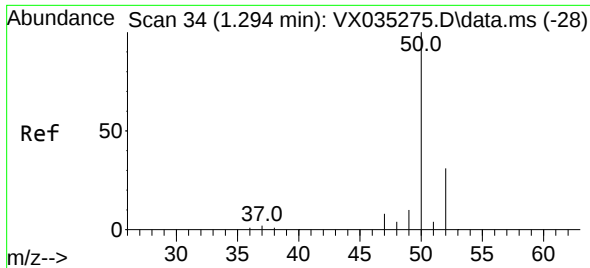
Reviewed By :John Carlone 04/29/2023
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#2
Dichlorodifluoromethane
Concen: 19.764 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Tgt Ion: 85 Resp: 50345
Ion Ratio Lower Upper
85 100
87 31.4 16.4 49.1





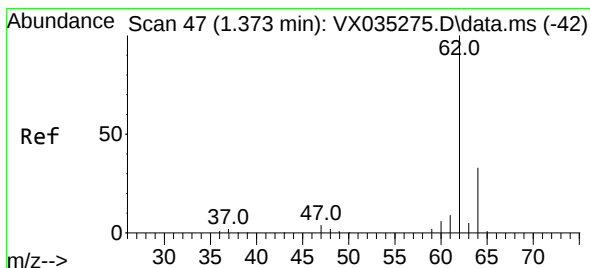
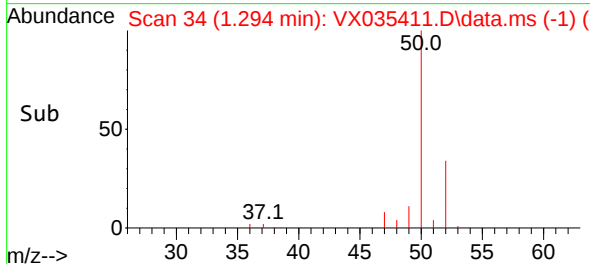
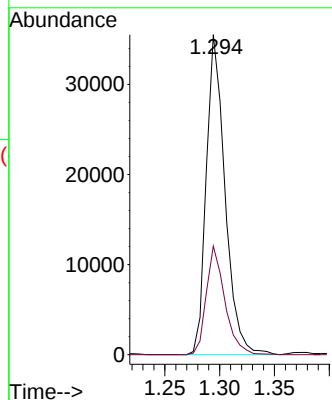
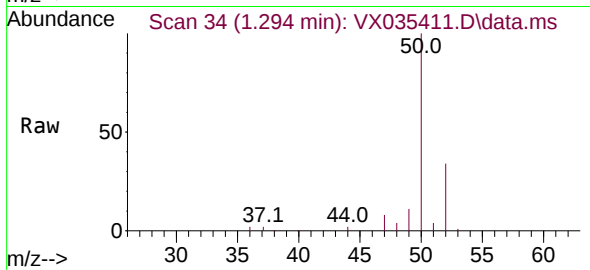
#3
Chloromethane
Concen: 18.202 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035411.D
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Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tgt Ion: 50 Resp: 42180
Ion Ratio Lower Upper
50 100
52 33.9 25.9 38.9

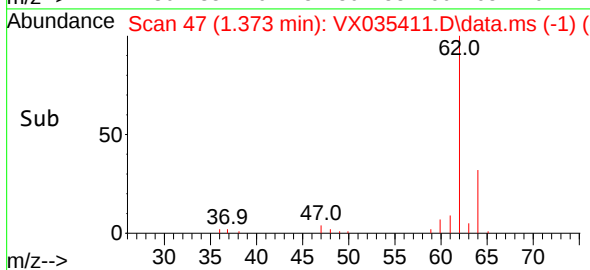
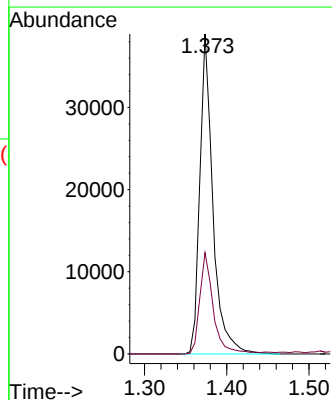
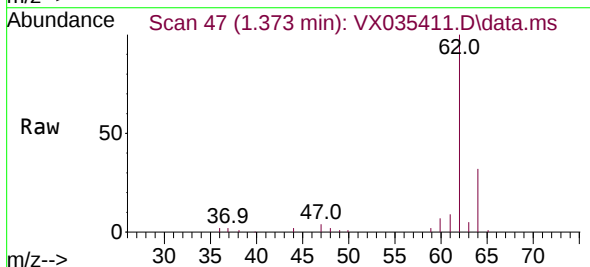
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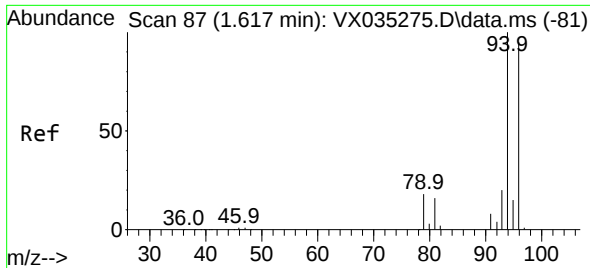
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#4
Vinyl Chloride
Concen: 18.575 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Tgt Ion: 62 Resp: 43172
Ion Ratio Lower Upper
62 100
64 31.6 26.4 39.6





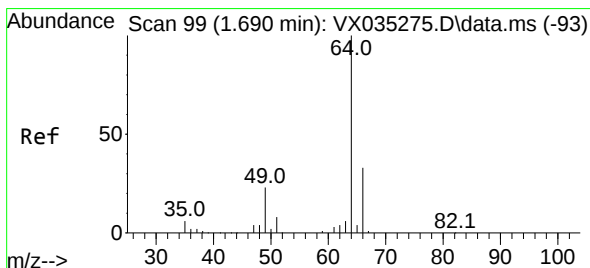
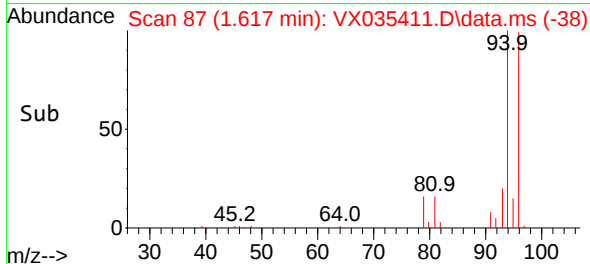
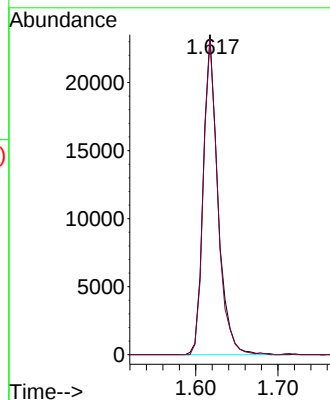
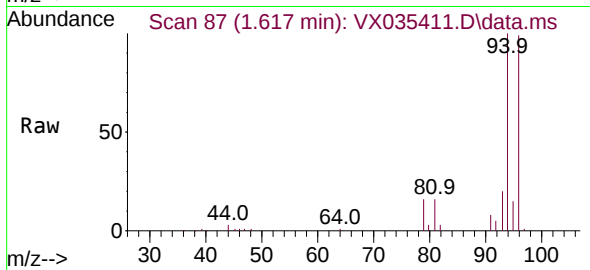
#5
Bromomethane
Concen: 18.797 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX035411.D
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Instrument :
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Tgt Ion: 94 Resp: 2903
Ion Ratio Lower Upper
94 100
96 98.5 77.0 115.6

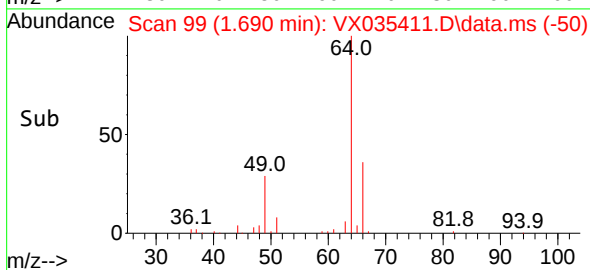
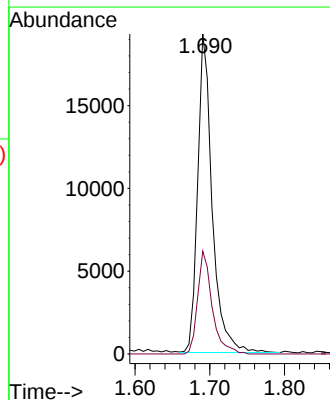
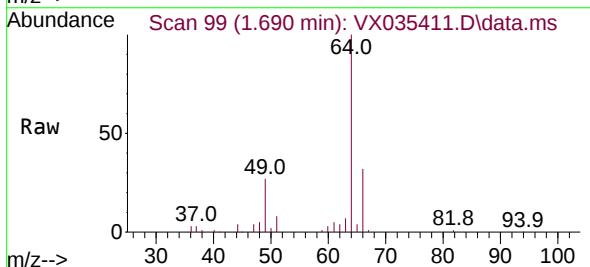
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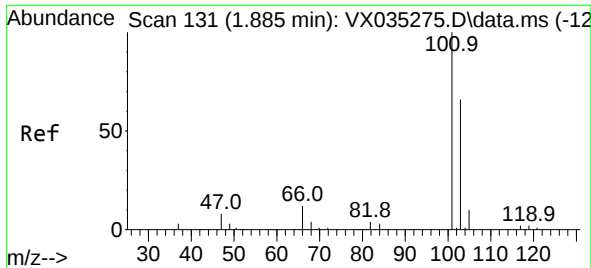
Reviewed By :John Carlone 04/29/2023
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#6
Chloroethane
Concen: 19.086 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX035411.D
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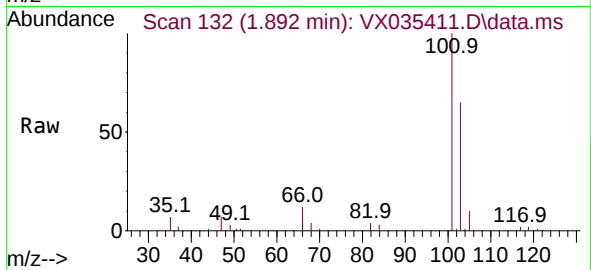
Tgt Ion: 64 Resp: 25944
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 19.474 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VX035411.D
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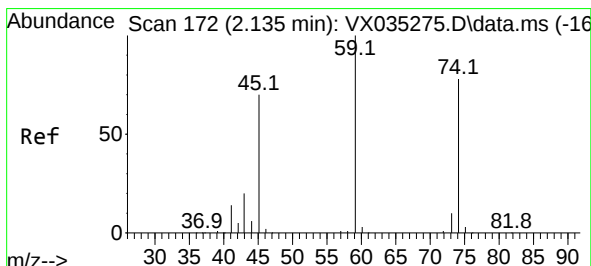
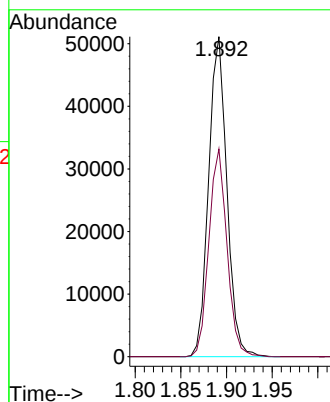
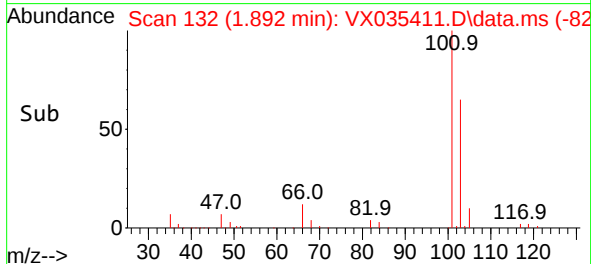
Instrument :
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Tgt Ion:101 Resp: 70779
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.0 78.0

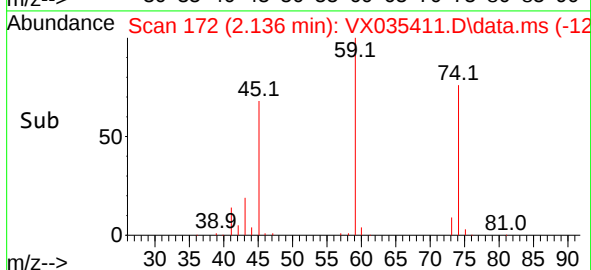
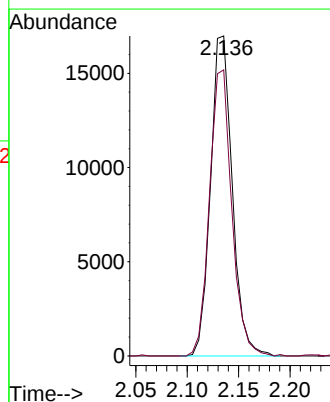
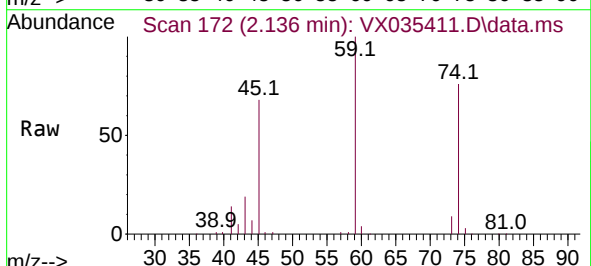
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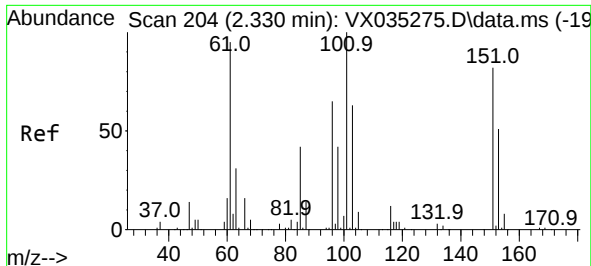
Reviewed By :John Carlone 04/29/2023
 Supervised By :Mahesh Dadoda 05/01/2023



#8
 Diethyl Ether
 Concen: 18.821 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.001 min
 Lab File: VX035411.D
 Acq: 28 Apr 2023 23:49

Tgt Ion: 74 Resp: 24942
 Ion Ratio Lower Upper
 74 100
 45 91.9 49.8 149.3





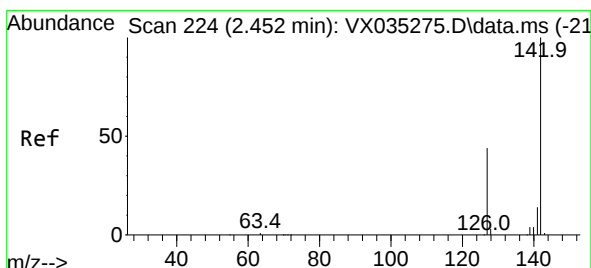
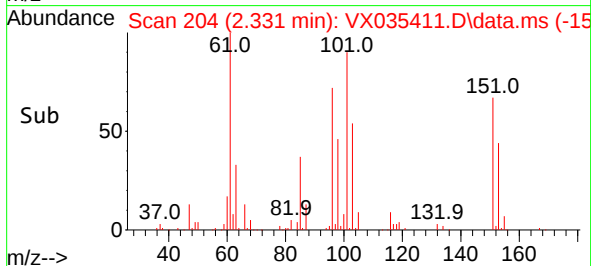
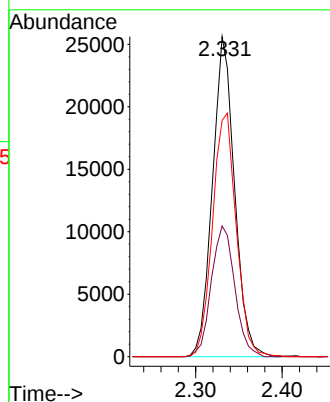
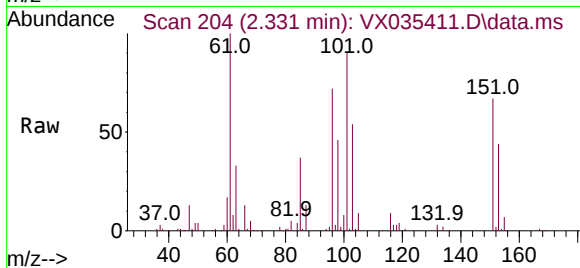
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.692 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tgt Ion:101 Resp: 45375
Ion Ratio Lower Upper
101 100
85 43.3 35.4 53.2
151 81.7 60.2 90.4

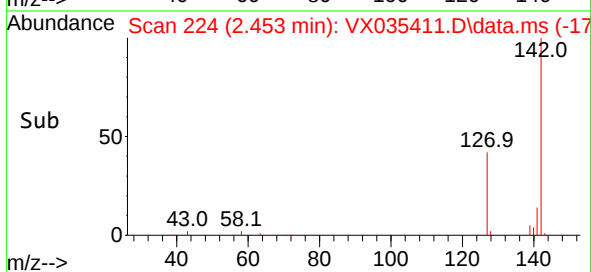
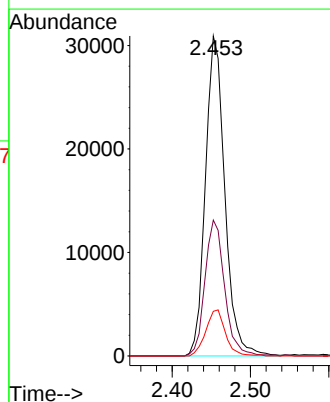
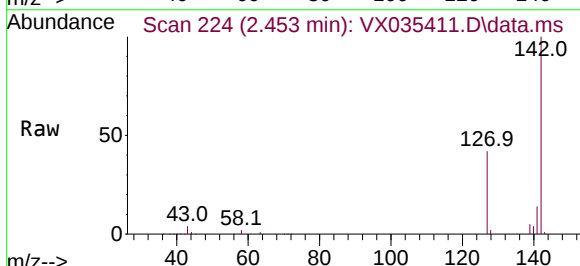
Manual Integrations
APPROVED

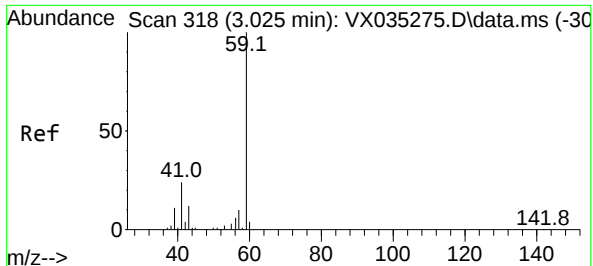
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#10
Methyl Iodide
Concen: 17.361 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

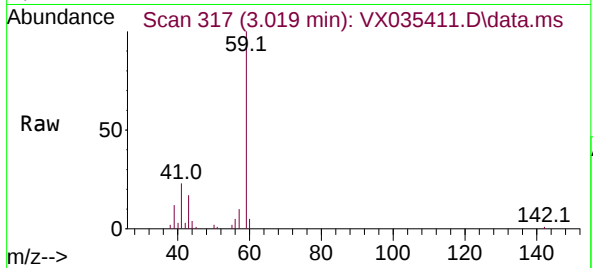
Tgt Ion:142 Resp: 53191
Ion Ratio Lower Upper
142 100
127 43.0 34.0 51.0
141 14.6 11.1 16.7





#11
Tert butyl alcohol
Concen: 94.720 ug/l
RT: 3.019 min Scan# 318
Delta R.T. -0.006 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

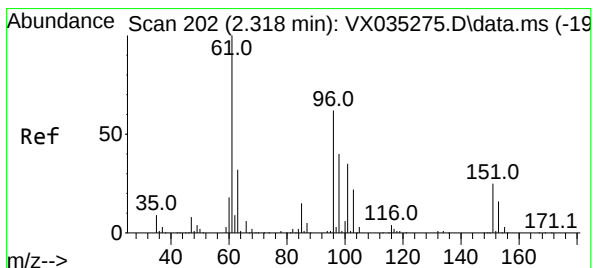
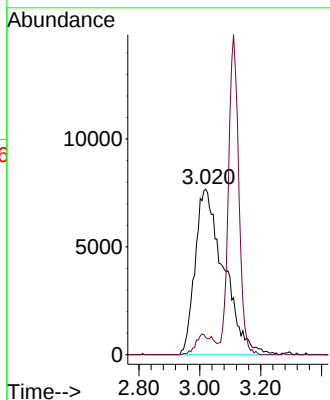
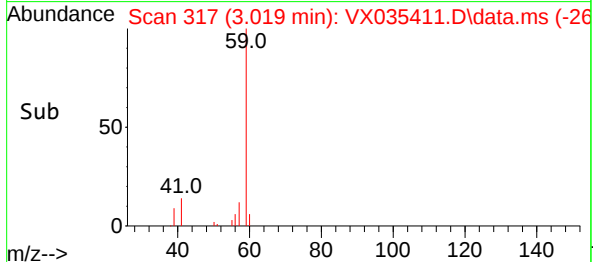
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02



Tgt Ion: 59 Resp: 5009
Ion Ratio Lower Upper
59 100
57 5.0 8.1 12.1

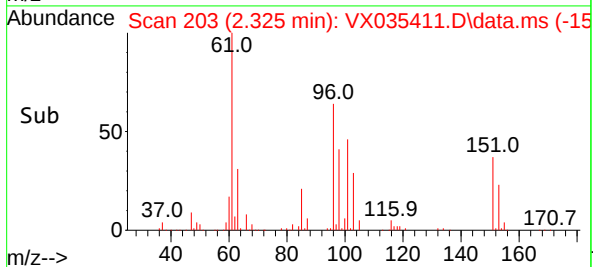
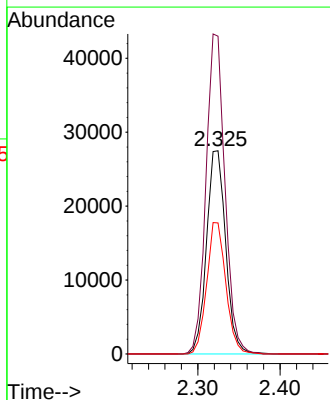
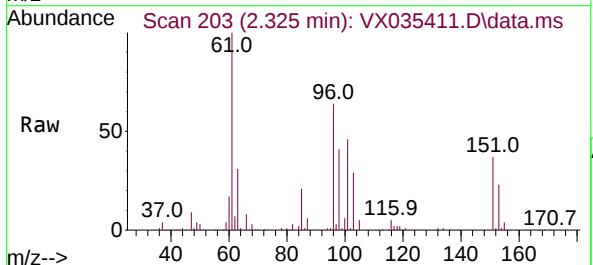
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#12
1,1-Dichloroethene
Concen: 19.067 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

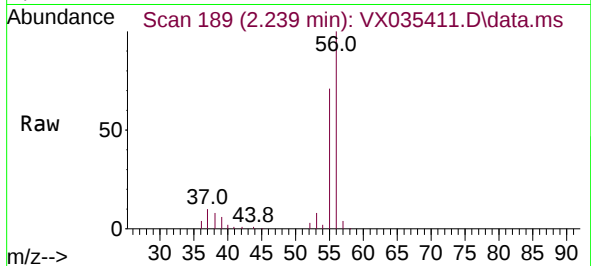
Tgt Ion: 96 Resp: 44582
Ion Ratio Lower Upper
96 100
61 156.3 128.8 193.2
98 64.5 51.4 77.0





#13
Acrolein
Concen: 95.027 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

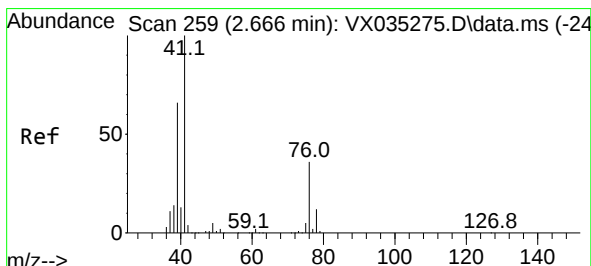
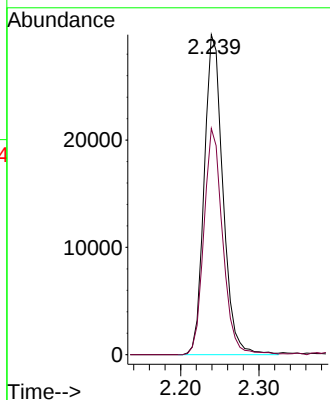
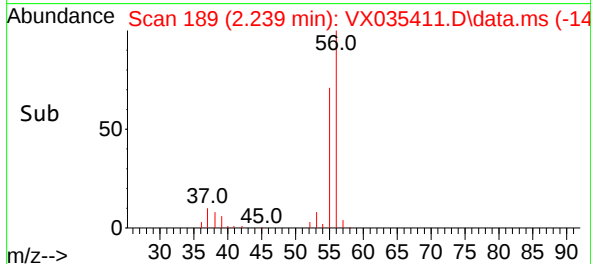
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02



Tgt Ion: 56 Resp: 4942
Ion Ratio Lower Upper
56 100
55 71.2 56.6 85.0

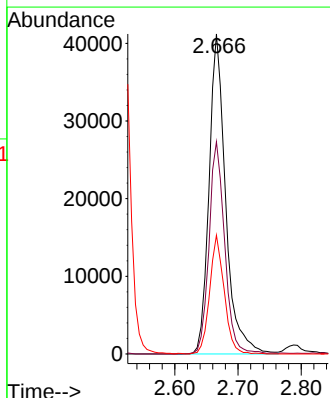
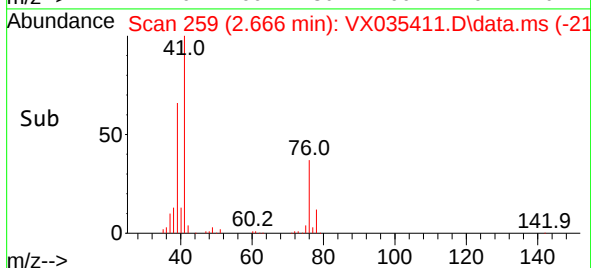
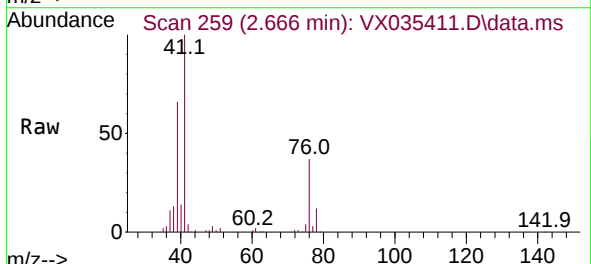
Manual Integrations
APPROVED

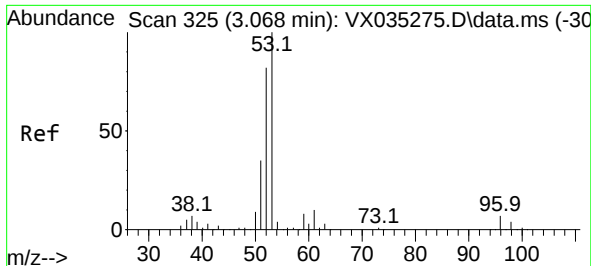
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#14
Allyl chloride
Concen: 18.306 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

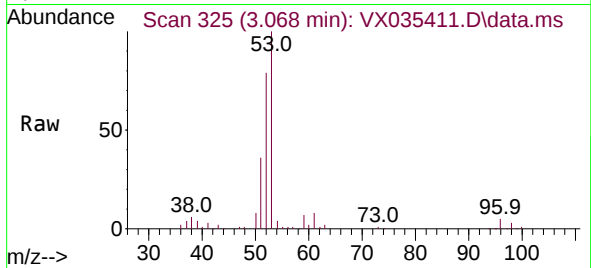
Tgt Ion: 41 Resp: 75324
Ion Ratio Lower Upper
41 100
39 62.6 52.4 78.6
76 32.4 26.0 39.0





#15
Acrylonitrile
Concen: 92.937 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

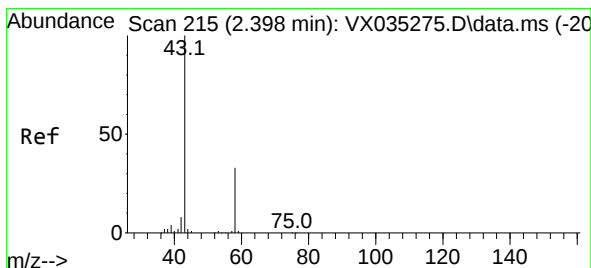
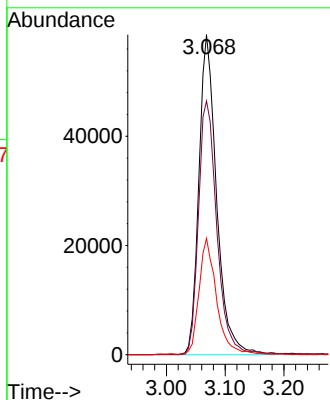
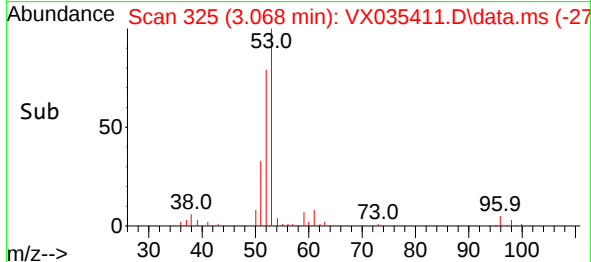
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02



Tgt Ion: 53 Resp: 122925
Ion Ratio Lower Upper
53 100
52 82.5 66.2 99.2
51 35.5 28.3 42.5

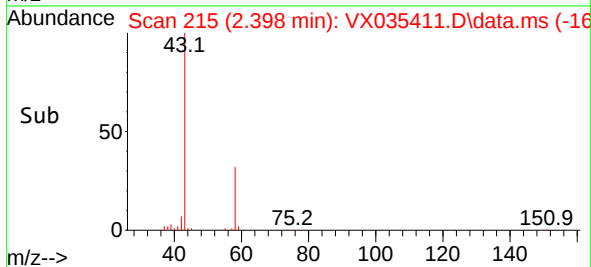
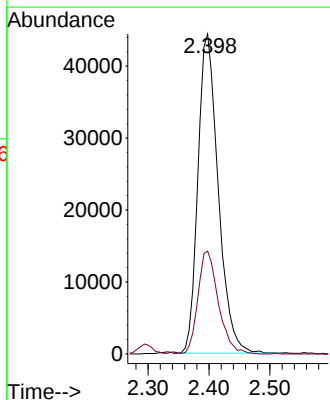
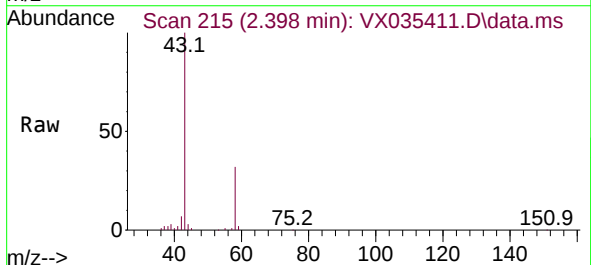
Manual Integrations
APPROVED

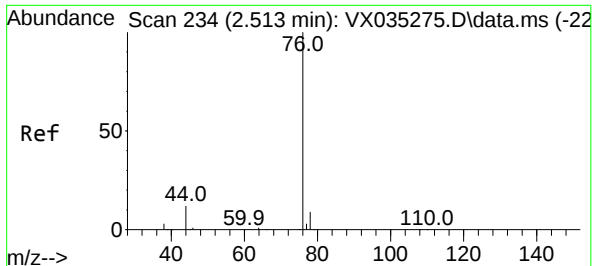
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#16
Acetone
Concen: 81.220 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Tgt Ion: 43 Resp: 102454
Ion Ratio Lower Upper
43 100
58 32.1 24.7 37.1





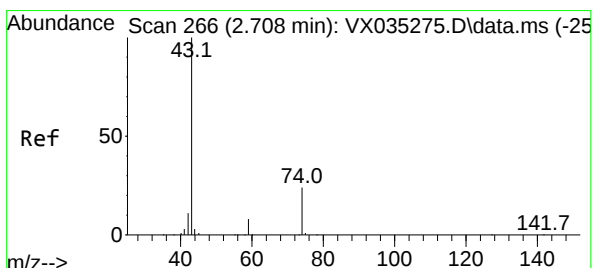
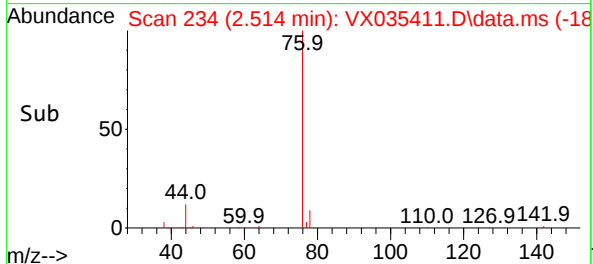
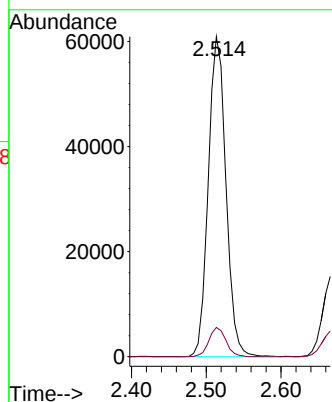
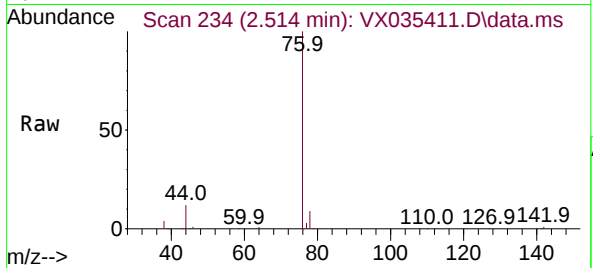
#17
Carbon Disulfide
Concen: 17.862 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tgt Ion: 76 Resp: 10012
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

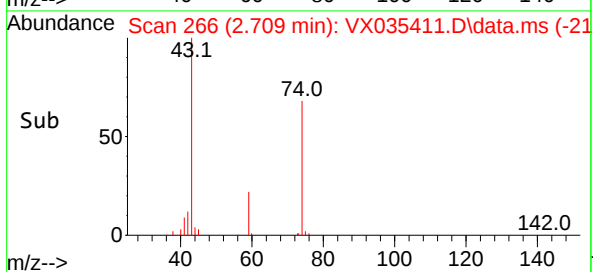
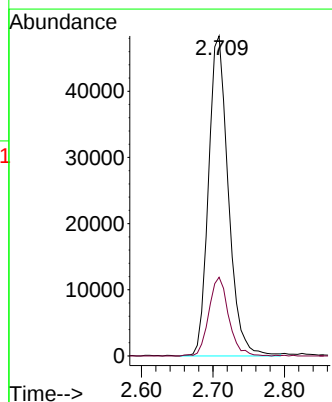
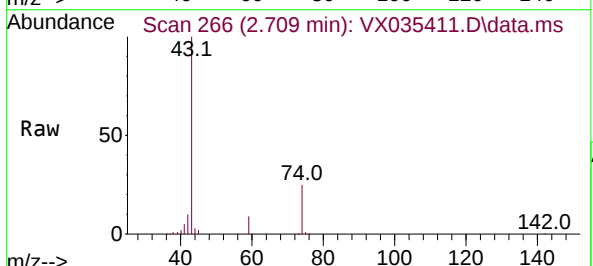
Manual Integrations
APPROVED

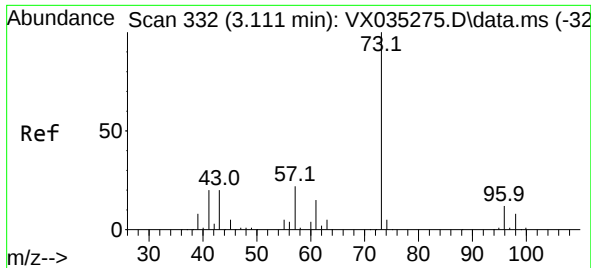
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#18
Methyl Acetate
Concen: 19.059 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.001 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Tgt Ion: 43 Resp: 92971
Ion Ratio Lower Upper
43 100
74 24.6 18.3 27.5





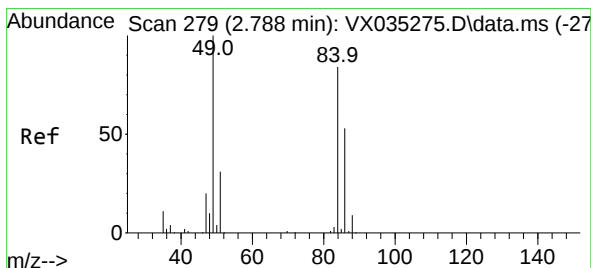
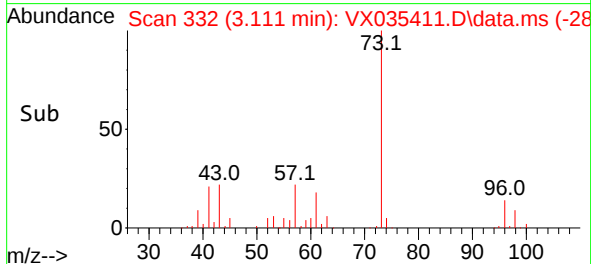
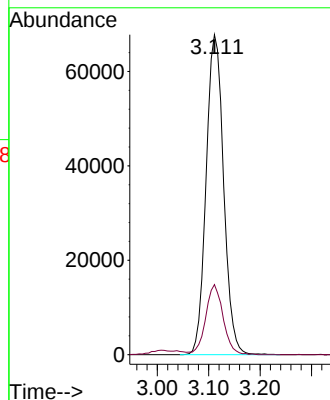
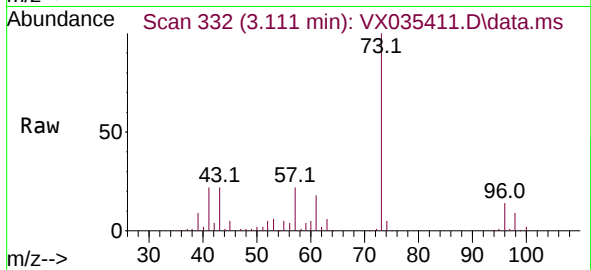
#19
Methyl tert-butyl Ether
Concen: 19.997 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tgt Ion: 73 Resp: 160408
Ion Ratio Lower Upper
73 100
57 21.9 18.5 27.7

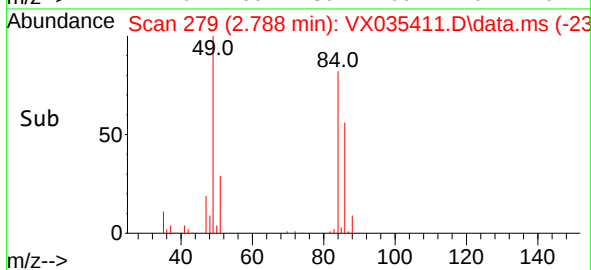
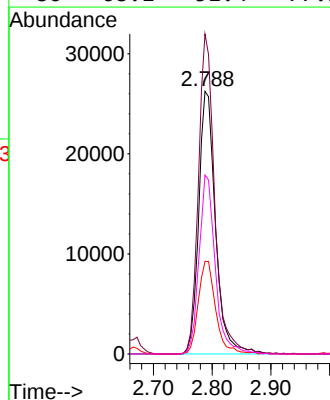
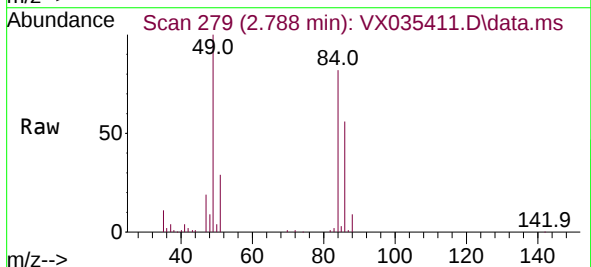
Manual Integrations
APPROVED

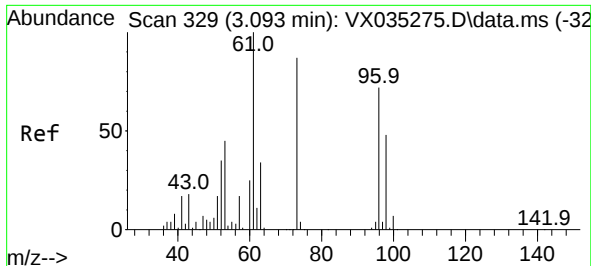
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#20
Methylene Chloride
Concen: 18.073 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

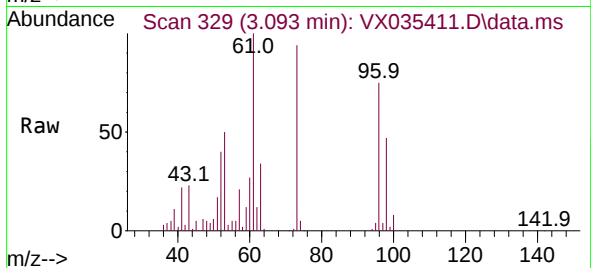
Tgt Ion: 84 Resp: 52274
Ion Ratio Lower Upper
84 100
49 121.9 103.8 155.8
51 35.3 31.8 47.8
86 68.1 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 18.988 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

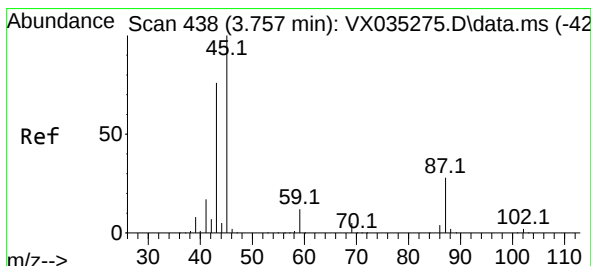
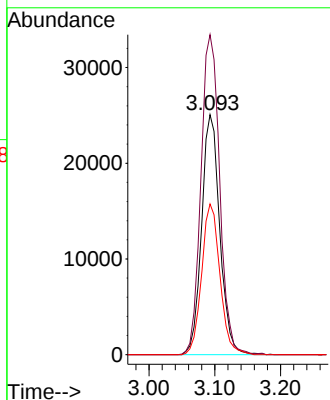
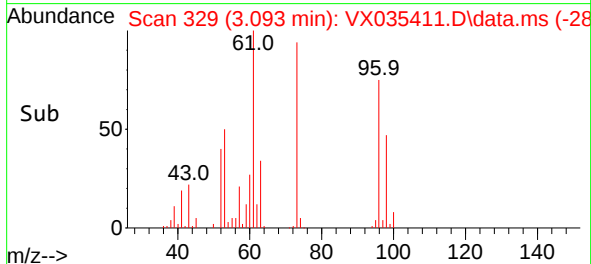
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02



Tgt Ion: 96 Resp: 48220
Ion Ratio Lower Upper
96 100
61 133.3 113.0 169.6
98 62.8 52.1 78.1

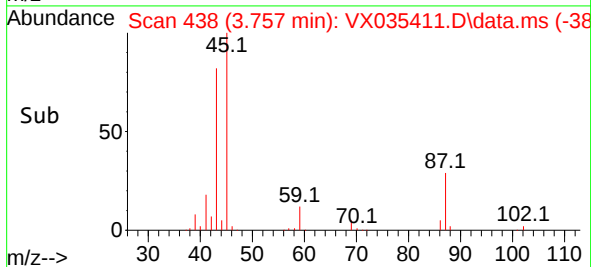
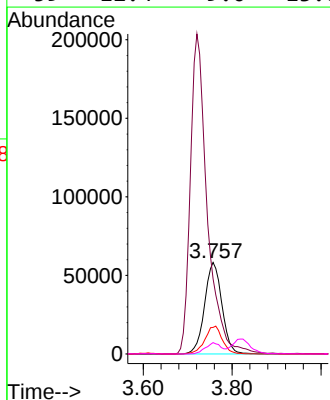
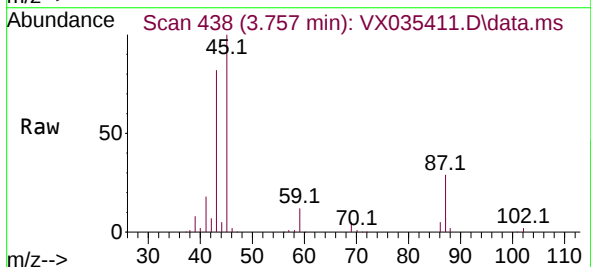
Manual Integrations
APPROVED

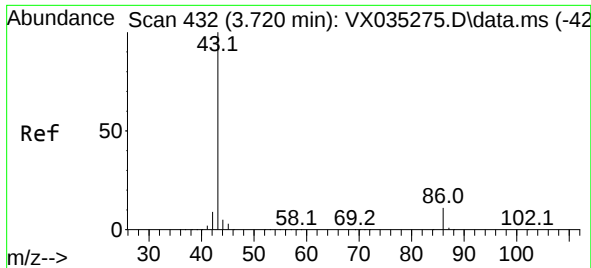
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#22
Diisopropyl ether
Concen: 19.407 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

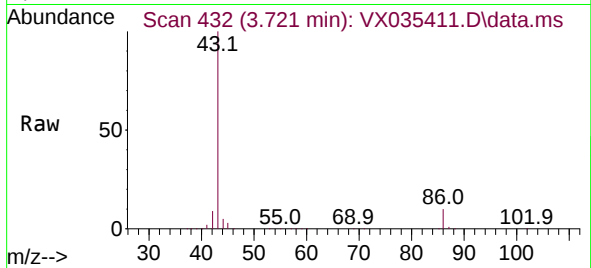
Tgt Ion: 45 Resp: 158021
Ion Ratio Lower Upper
45 100
43 81.7 65.4 98.2
87 29.1 20.6 31.0
59 12.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 96.309 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX035411.D
 Acq: 28 Apr 2023 23:49

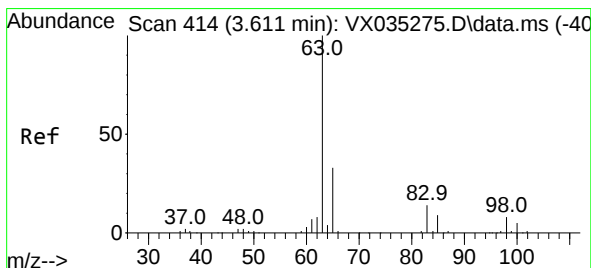
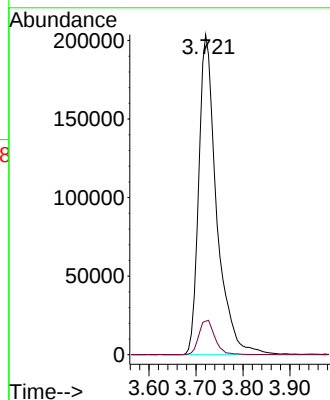
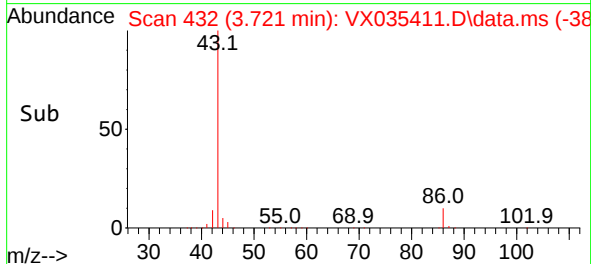
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02



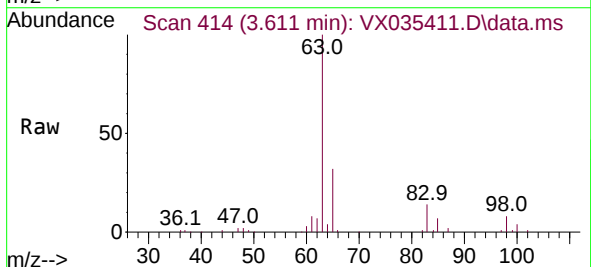
Tgt Ion: 43 Resp: 539040
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7

Manual Integrations
 APPROVED

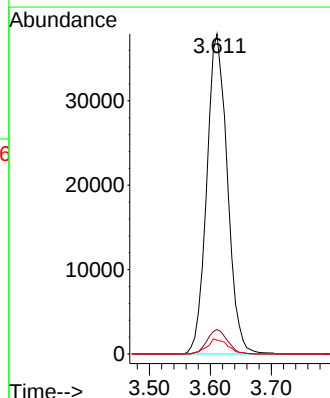
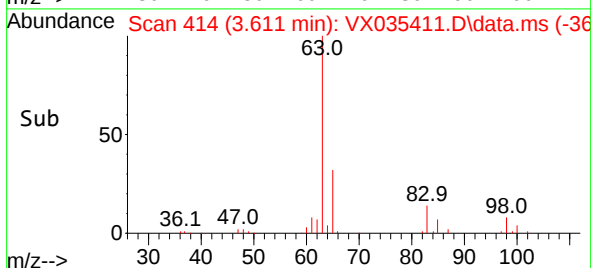
Reviewed By :John Carlone 04/29/2023
 Supervised By :Mahesh Dadoda 05/01/2023

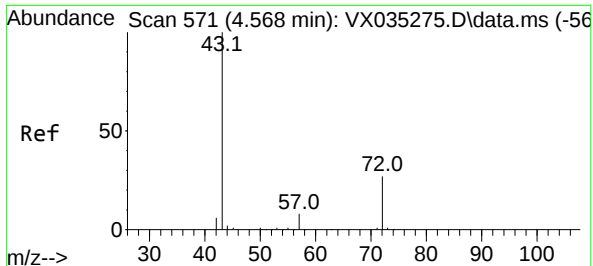


#24
 1,1-Dichloroethane
 Concen: 19.421 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX035411.D
 Acq: 28 Apr 2023 23:49



Tgt Ion: 63 Resp: 89074
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.2
 100 4.3 2.4 7.1





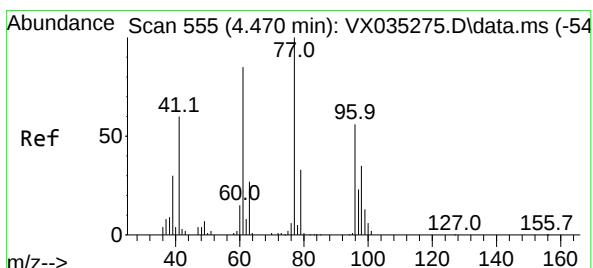
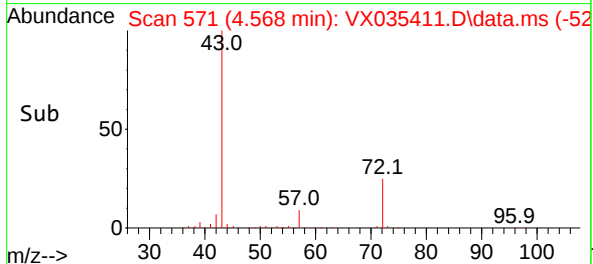
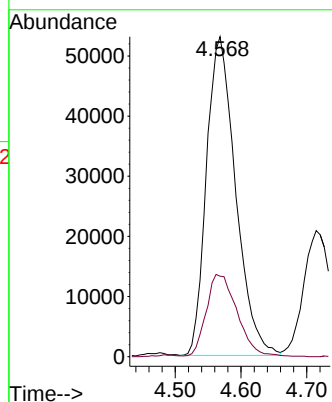
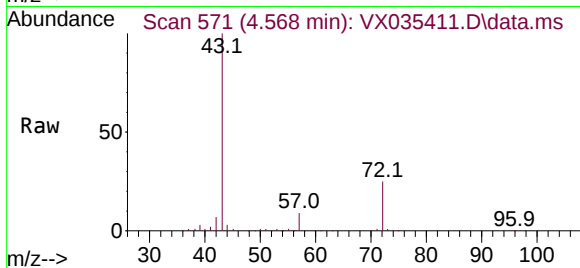
#25
2-Butanone
Concen: 88.755 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tgt Ion: 43 Resp: 16341
Ion Ratio Lower Upper
43 100
72 25.0 19.3 28.9

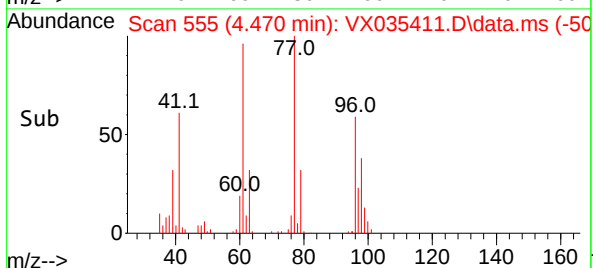
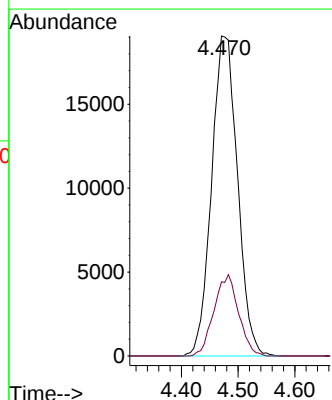
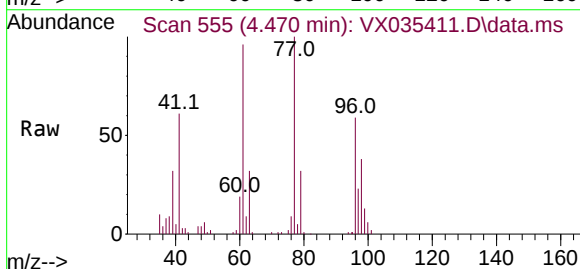
Manual Integrations
APPROVED

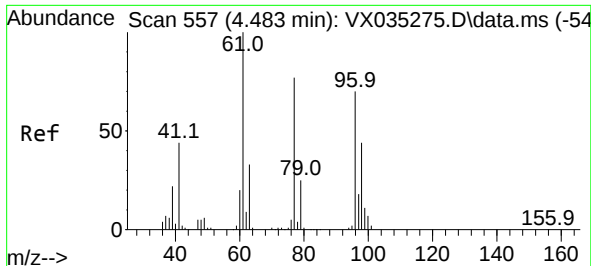
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#26
2,2-Dichloropropane
Concen: 16.845 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Tgt Ion: 77 Resp: 60530
Ion Ratio Lower Upper
77 100
97 24.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.025 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

Tgt Ion: 96 Resp: 5679

Ion Ratio Lower Upper

96 100

61 139.8 0.0 300.4

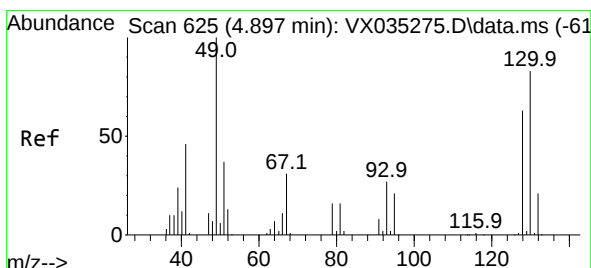
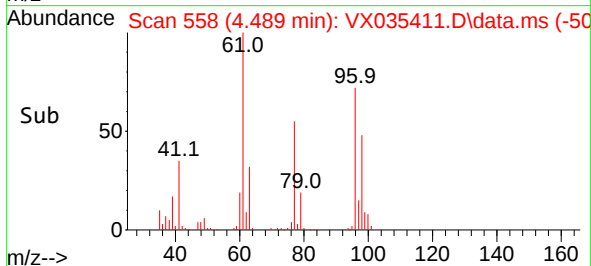
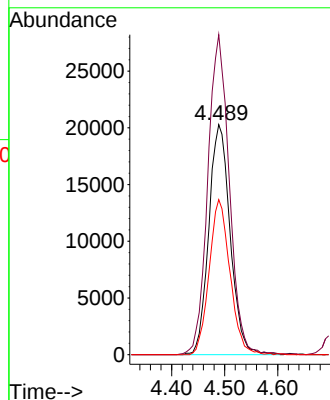
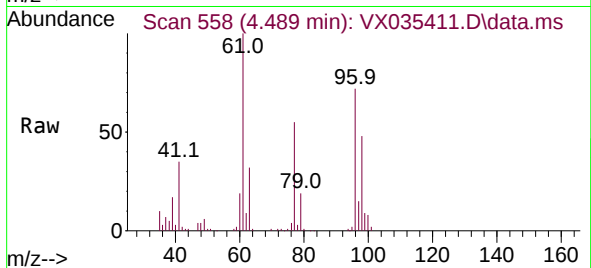
98 65.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#28

Bromochloromethane

Concen: 19.047 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

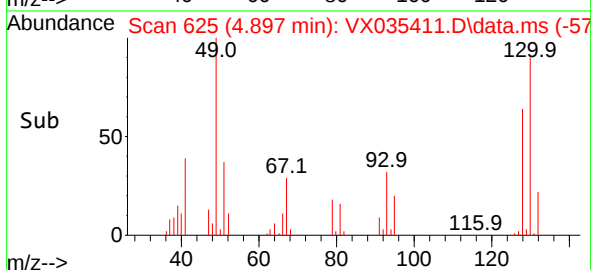
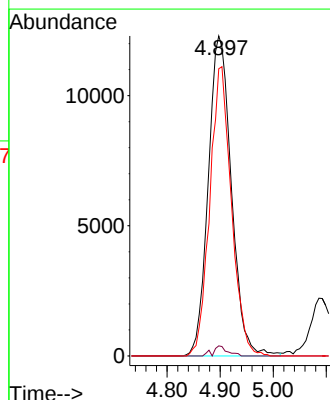
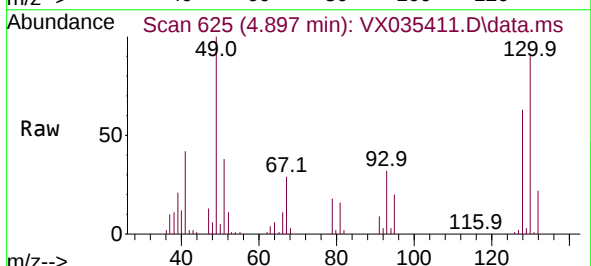
Tgt Ion: 49 Resp: 37229

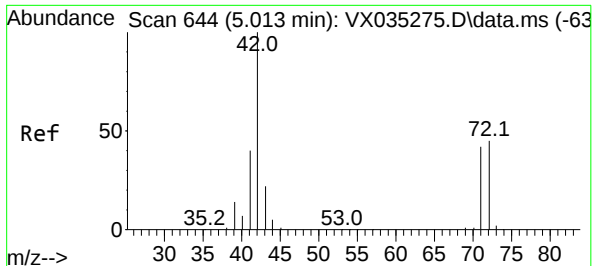
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 84.3 58.2 87.2





#29

Tetrahydrofuran

Concen: 91.248 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

Tgt Ion: 42 Resp: 107699

Ion Ratio Lower Upper

42 100

72 47.0 34.5 51.7

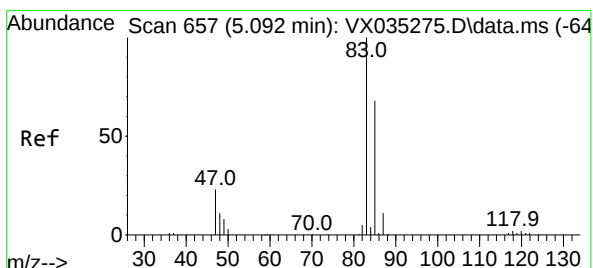
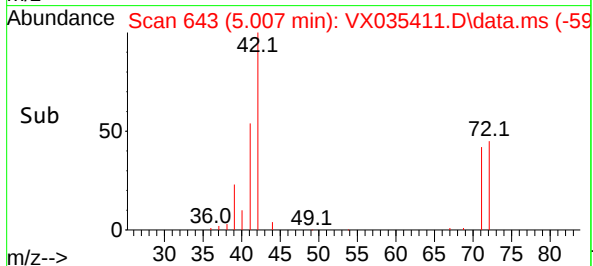
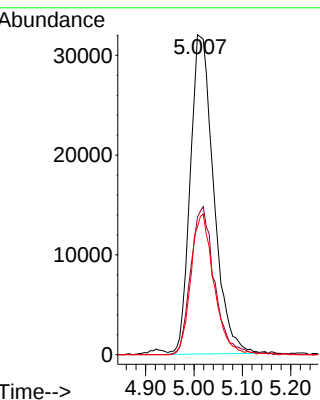
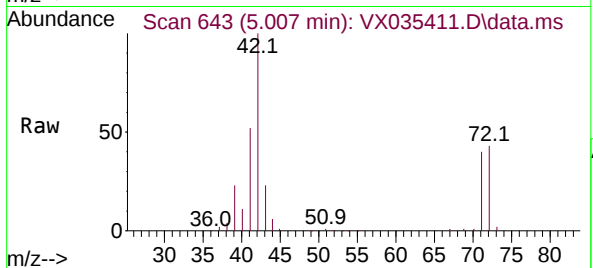
71 43.4 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#30

Chloroform

Concen: 20.075 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX035411.D

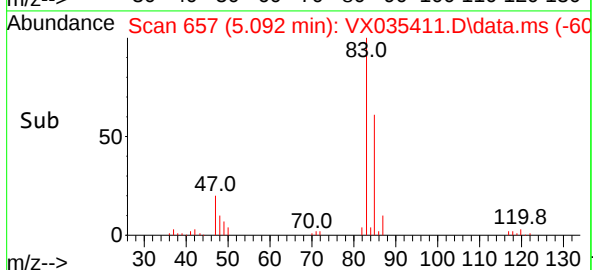
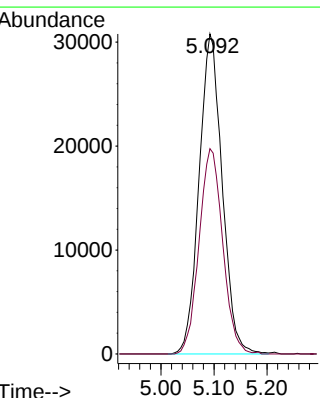
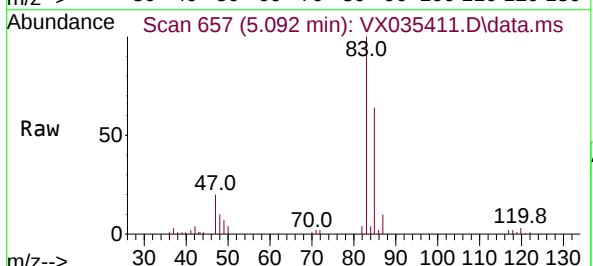
Acq: 28 Apr 2023 23:49

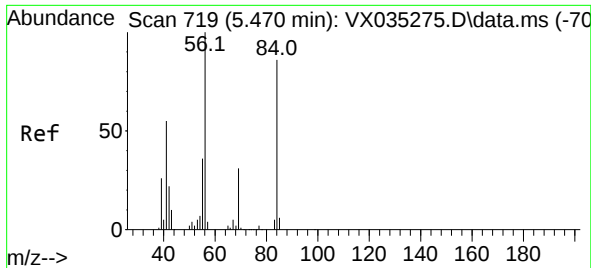
Tgt Ion: 83 Resp: 92949

Ion Ratio Lower Upper

83 100

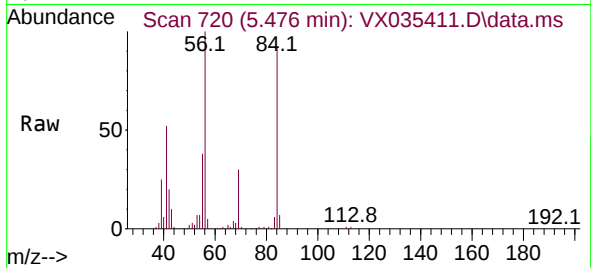
85 64.1 50.6 76.0





#31
Cyclohexane
Concen: 18.837 ug/l
RT: 5.476 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

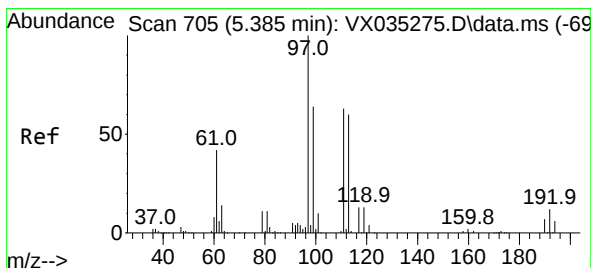
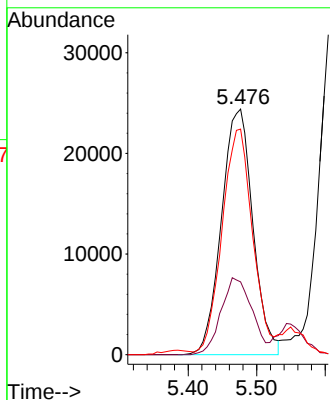
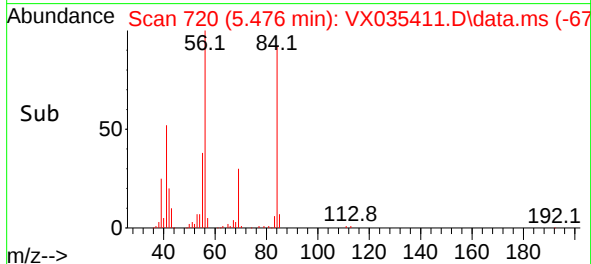
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02



Tgt Ion: 56 Resp: 77610
Ion Ratio Lower Upper
56 100
69 29.6 23.7 35.5
84 90.1 68.5 102.7

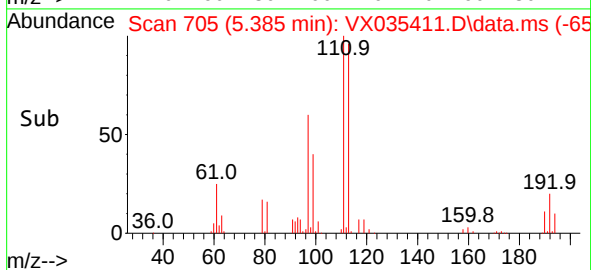
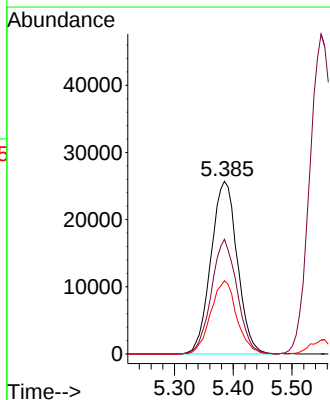
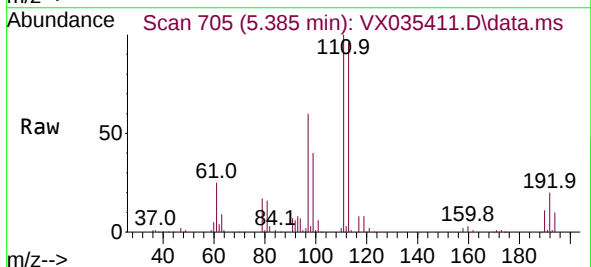
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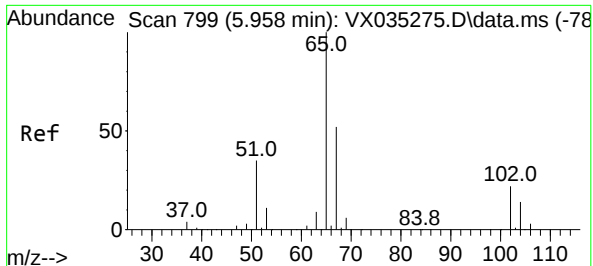
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#32
1,1,1-Trichloroethane
Concen: 19.752 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Tgt Ion: 97 Resp: 80150
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 41.8 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 50.606 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

Tgt Ion: 65 Resp: 14698

Ion Ratio Lower Upper

65 100

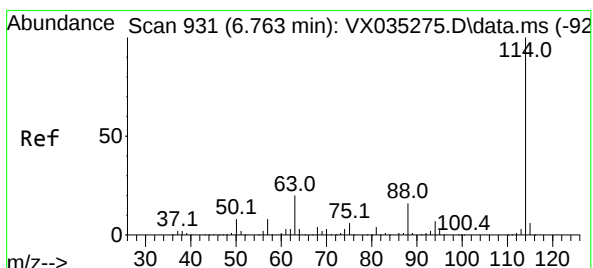
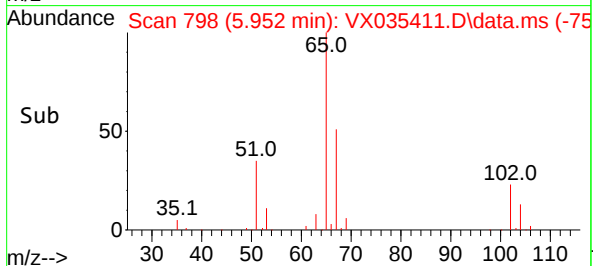
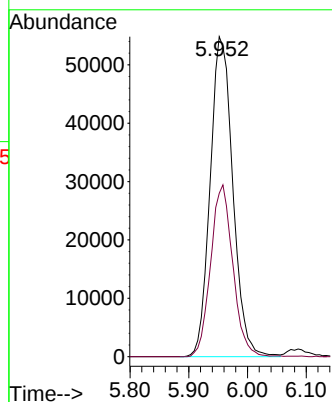
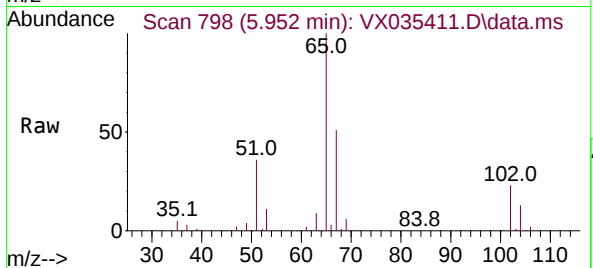
67 52.6 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

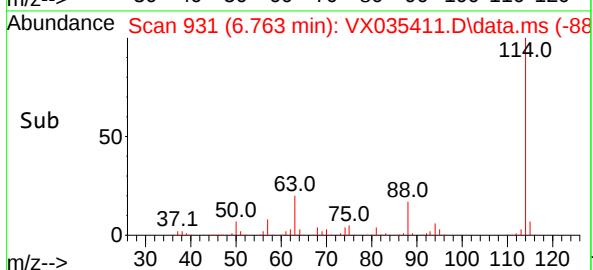
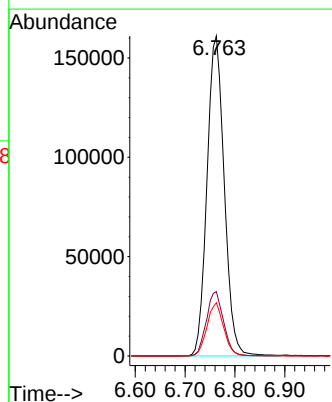
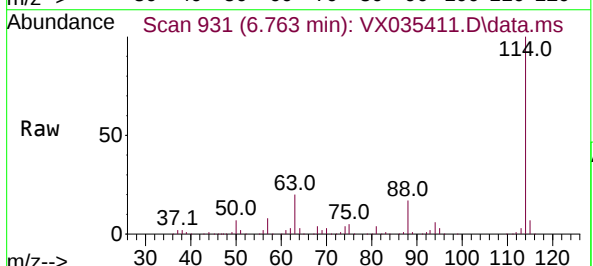
Tgt Ion:114 Resp: 386377

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.2

88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.174 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

Tgt Ion:113 Resp: 123728

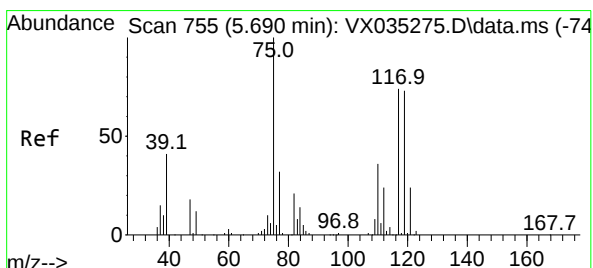
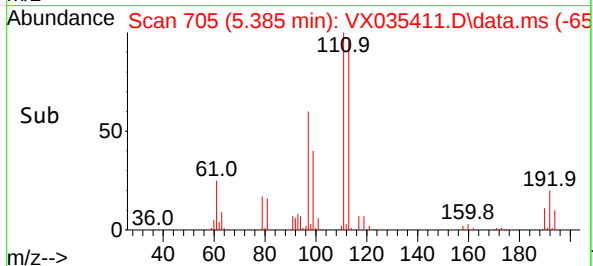
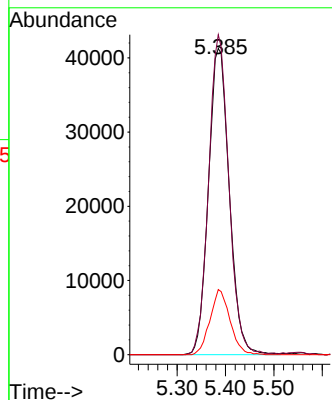
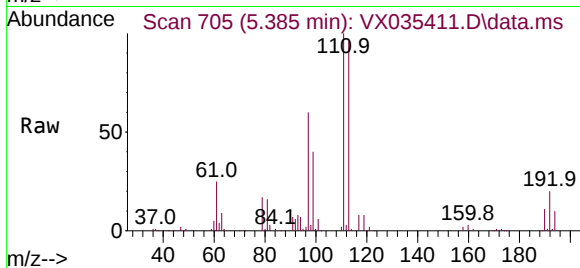
Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.7	125.5
192	20.3	15.4	23.2

Manual Integrations

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Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#36

1,1-Dichloropropene

Concen: 18.230 ug/l

RT: 5.690 min Scan# 755

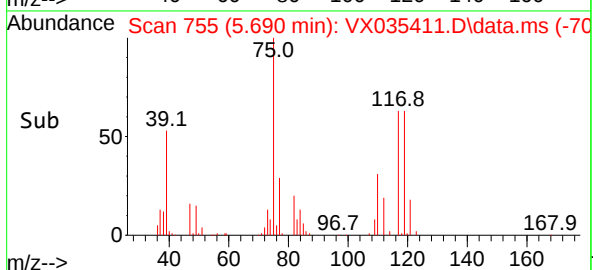
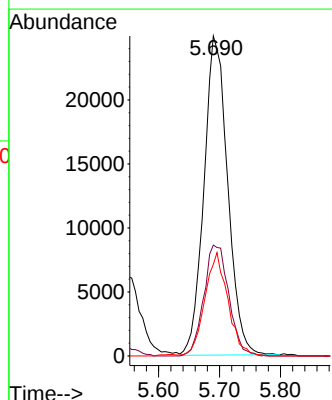
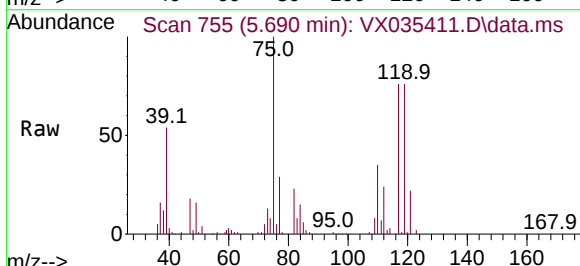
Delta R.T. -0.000 min

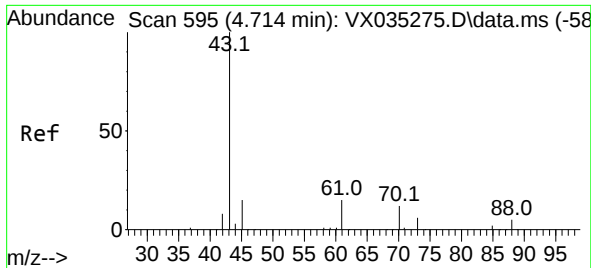
Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

Tgt Ion: 75 Resp: 67505

Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.5	52.5
77	31.5	24.3	36.5





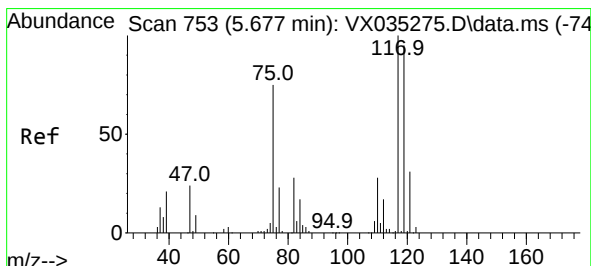
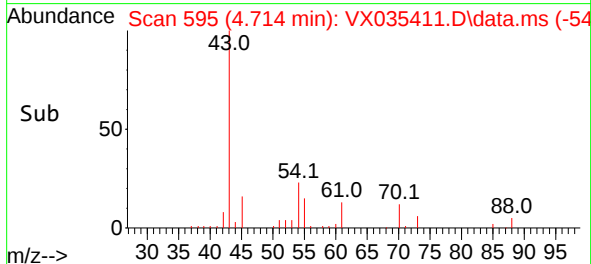
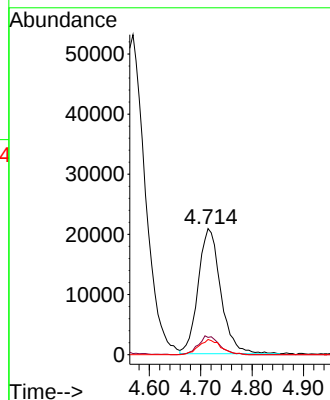
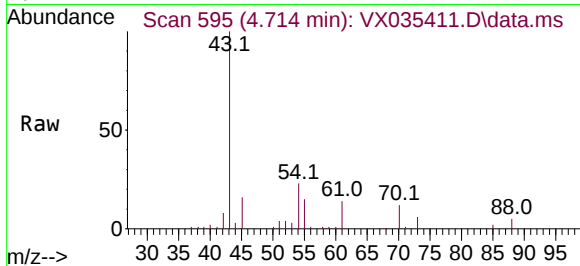
#37
Ethyl Acetate
Concen: 18.733 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tgt Ion: 43 Resp: 63350
Ion Ratio Lower Upper
43 100
61 14.2 10.2 15.4
70 11.9 8.2 12.4

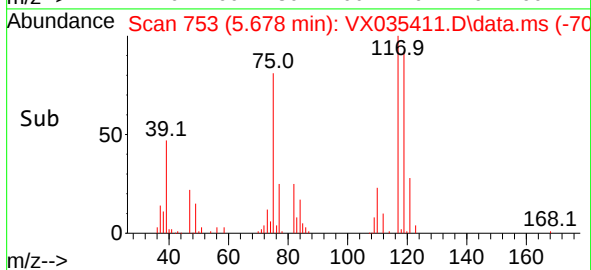
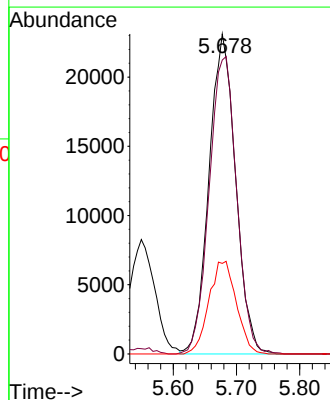
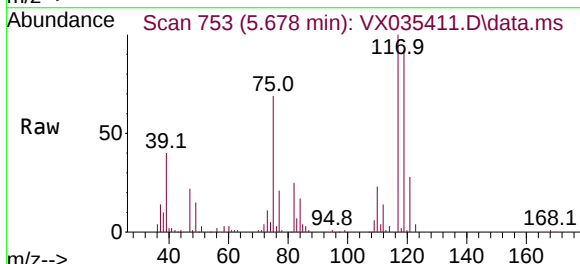
Manual Integrations
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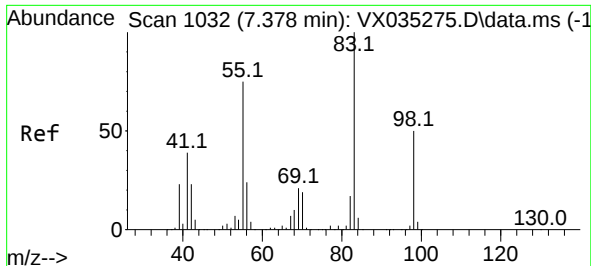
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#38
Carbon Tetrachloride
Concen: 19.209 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.001 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Tgt Ion:117 Resp: 67523
Ion Ratio Lower Upper
117 100
119 91.6 76.6 114.8
121 28.3 23.8 35.6





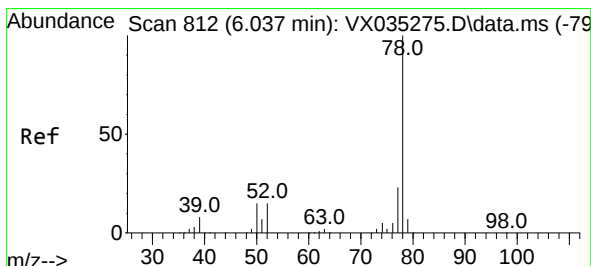
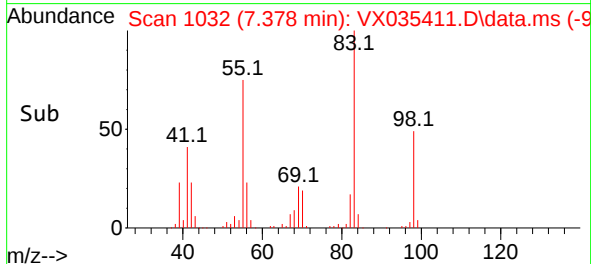
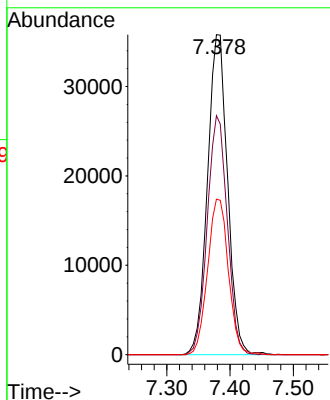
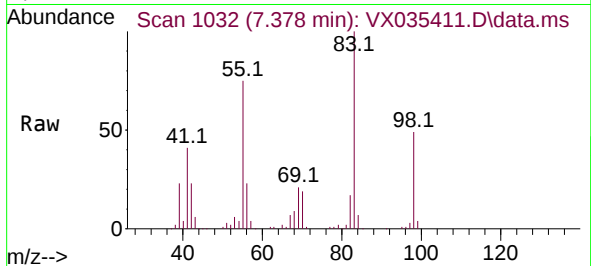
#39
Methylcyclohexane
Concen: 17.531 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tgt Ion: 83 Resp: 79018
Ion Ratio Lower Upper
83 100
55 74.7 60.5 90.7
98 48.6 40.4 60.6

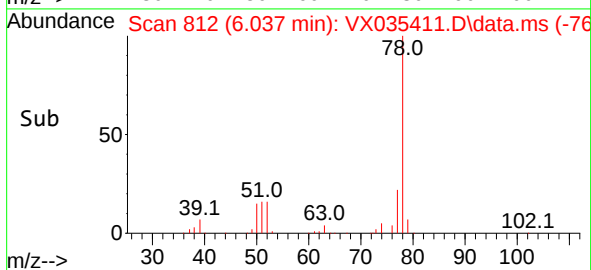
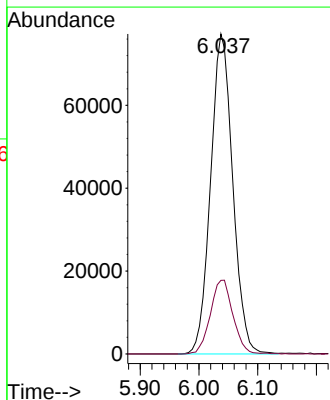
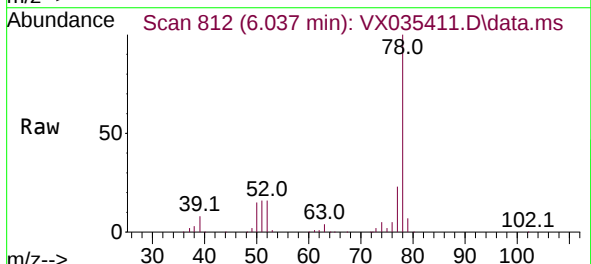
Manual Integrations
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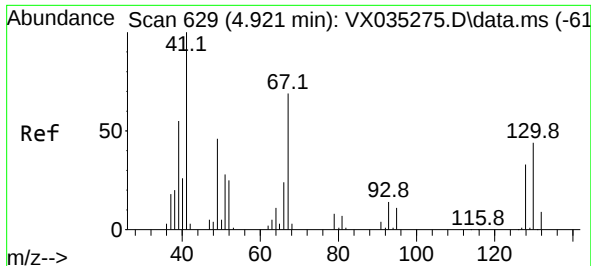
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#40
Benzene
Concen: 19.035 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

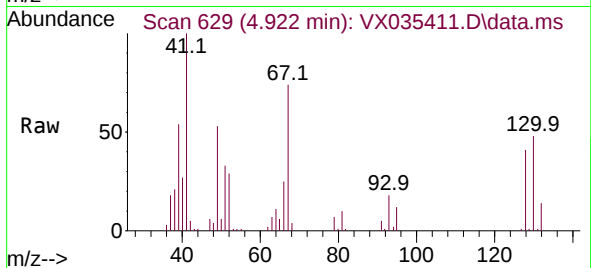
Tgt Ion: 78 Resp: 202202
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4





#41
Methacrylonitrile
Concen: 18.915 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

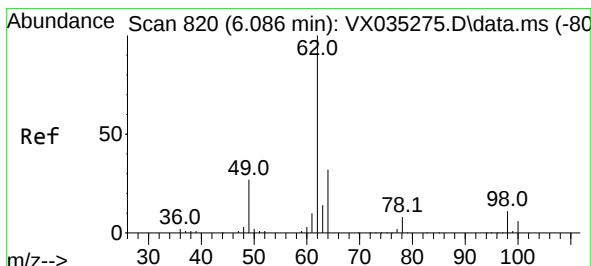
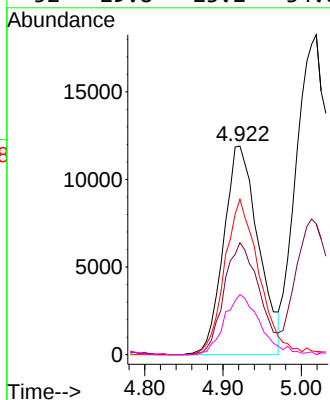
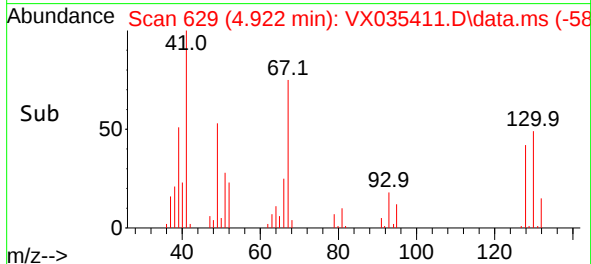
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02



Tgt Ion:	41	Resp:	3665
Ion Ratio	100	Lower	Upper
39	54.7	45.0	67.6
67	73.6	55.6	83.4
52	29.8	23.2	34.8

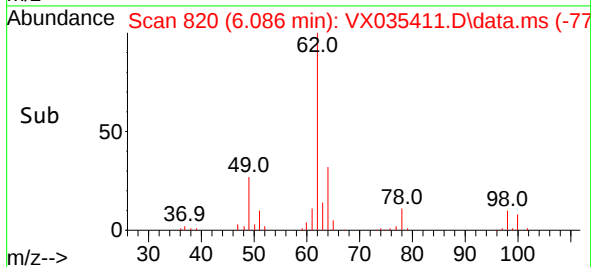
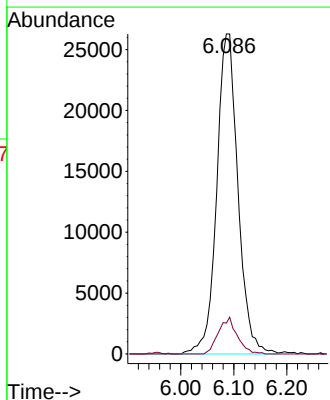
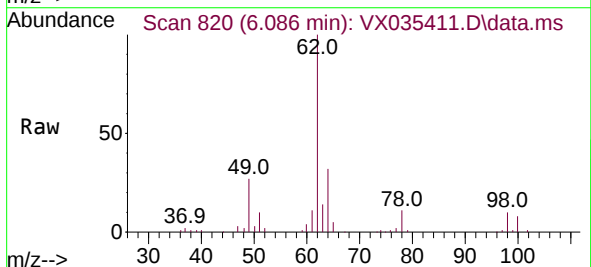
Manual Integrations
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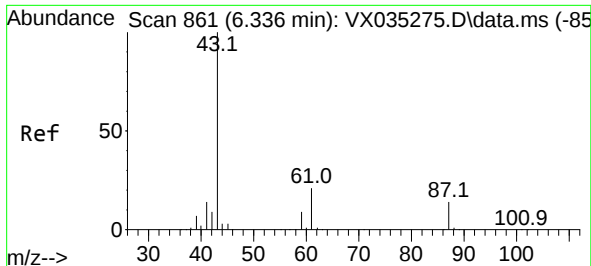
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#42
1,2-Dichloroethane
Concen: 19.305 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

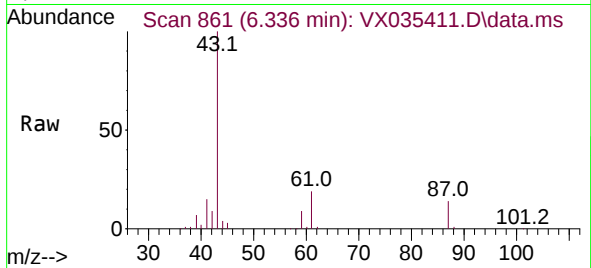
Tgt Ion:	62	Resp:	73116
Ion Ratio	100	Lower	Upper
98	10.1	0.0	18.0





#43
Isopropyl Acetate
Concen: 18.122 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

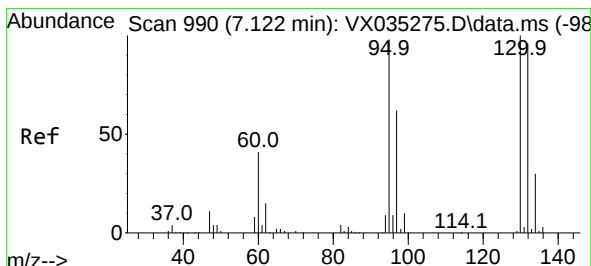
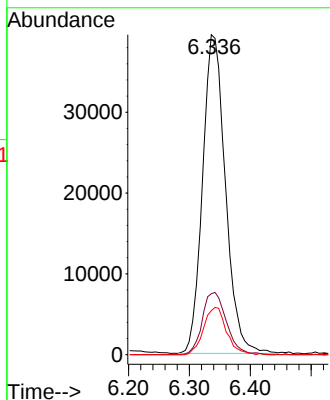
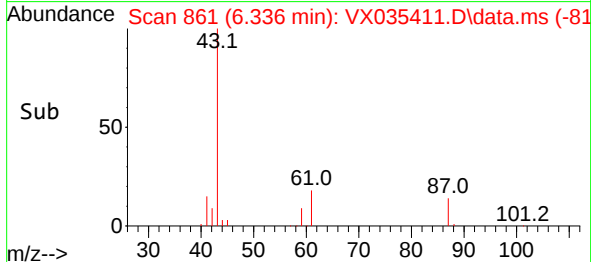
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02



Tgt Ion: 43 Resp: 10298
Ion Ratio Lower Upper
43 100
61 20.7 15.2 22.8
87 14.8 9.8 14.8

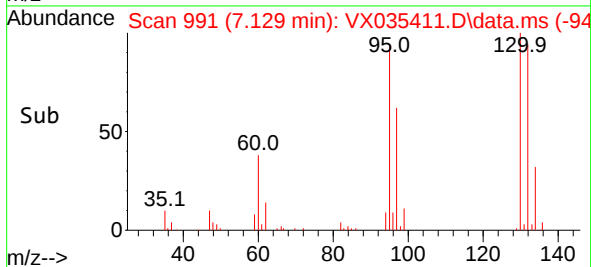
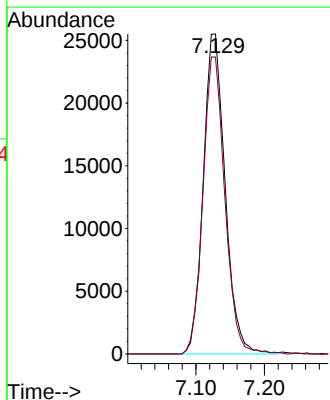
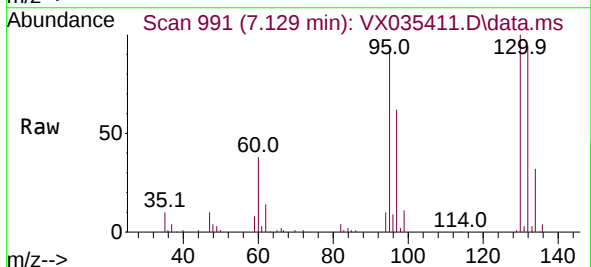
Manual Integrations
APPROVED

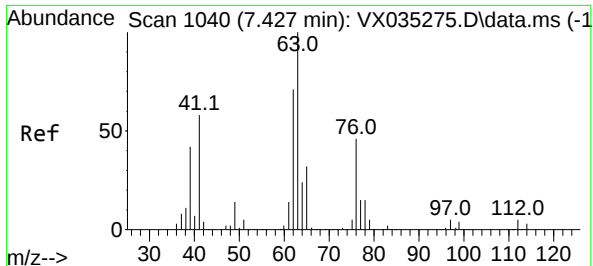
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#44
Trichloroethene
Concen: 19.274 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Tgt Ion:130 Resp: 56401
Ion Ratio Lower Upper
130 100
95 92.8 0.0 198.4





#45

1,2-Dichloropropane

Concen: 19.183 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

Tgt Ion: 63 Resp: 51374

Ion Ratio Lower Upper

63 100

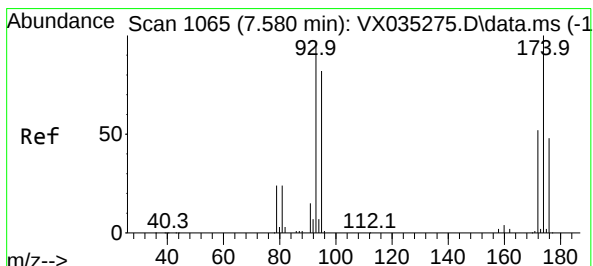
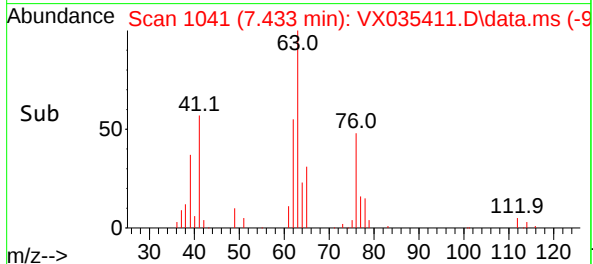
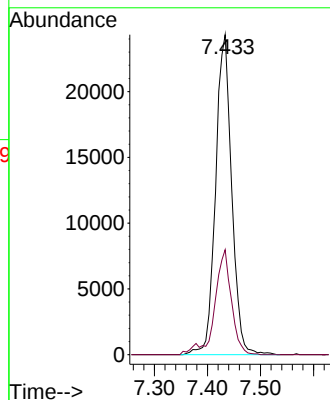
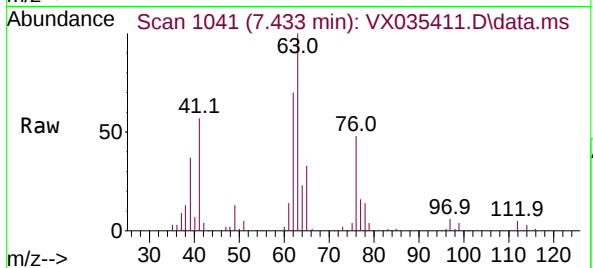
65 32.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#46

Dibromomethane

Concen: 19.197 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

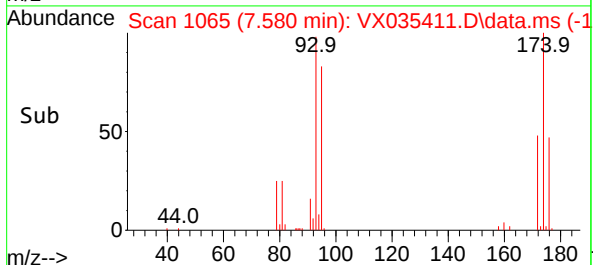
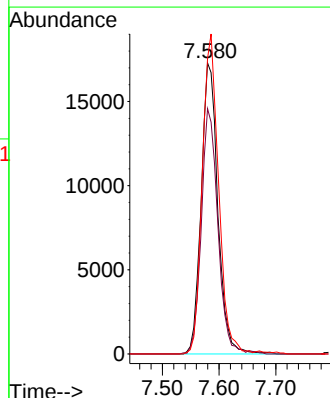
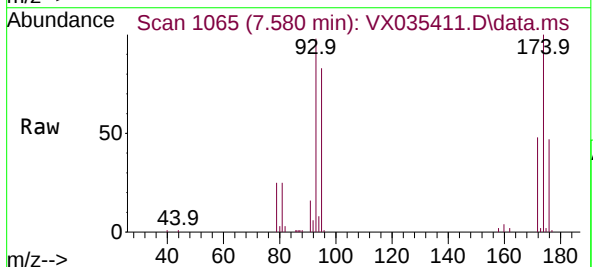
Tgt Ion: 93 Resp: 35304

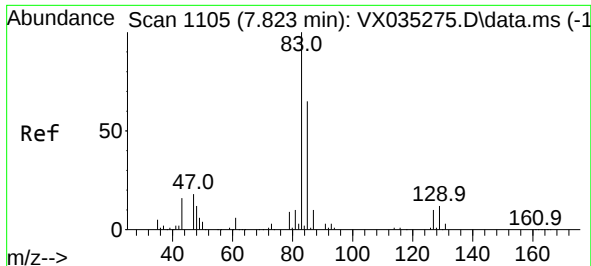
Ion Ratio Lower Upper

93 100

95 83.5 66.9 100.3

174 107.6 75.4 113.0





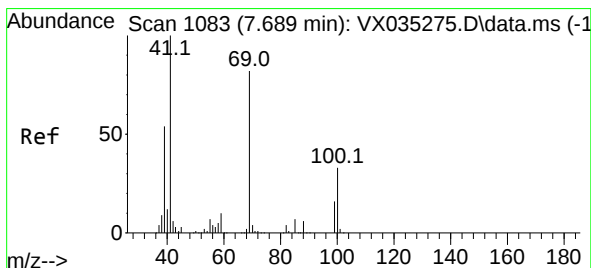
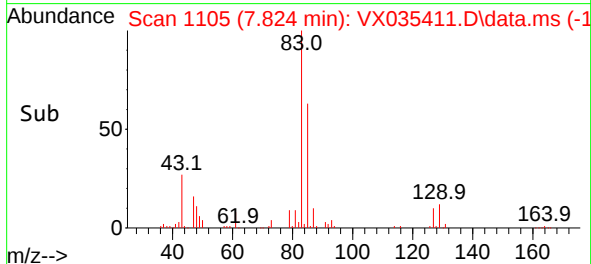
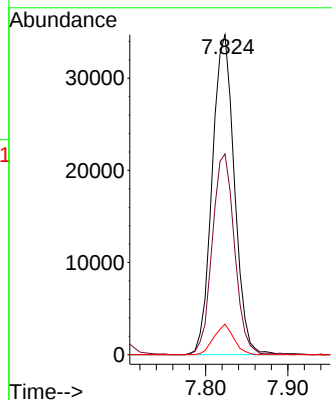
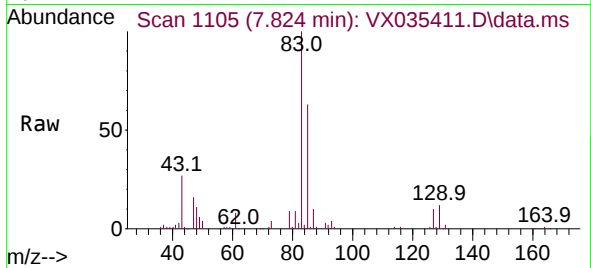
#47
Bromodichloromethane
Concen: 19.212 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tgt Ion: 83 Resp: 6509
Ion Ratio Lower Upper
83 100
85 62.8 52.2 78.4
127 9.5 6.6 9.8

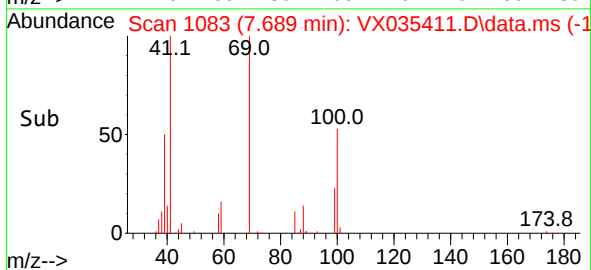
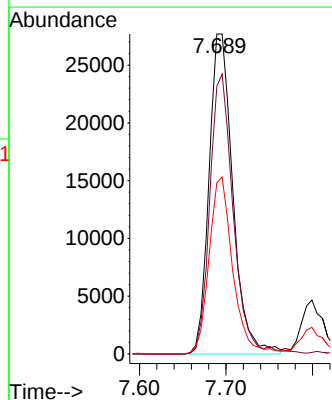
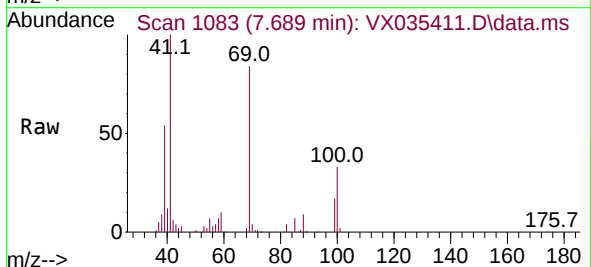
Manual Integrations
APPROVED

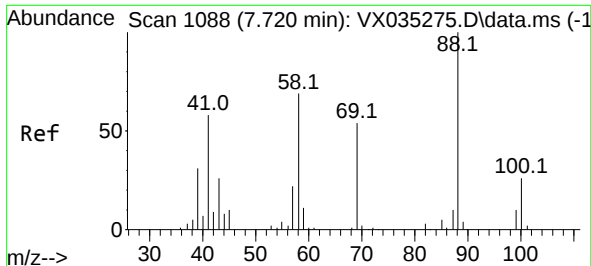
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#48
Methyl methacrylate
Concen: 18.976 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Tgt Ion: 41 Resp: 52898
Ion Ratio Lower Upper
41 100
69 86.1 62.2 93.4
39 54.7 47.7 71.5





#49

1,4-Dioxane

Concen: 377.993 ug/l

RT: 7.732 min Scan# 1088

Delta R.T. 0.012 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

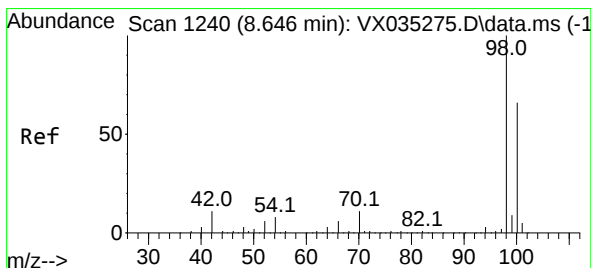
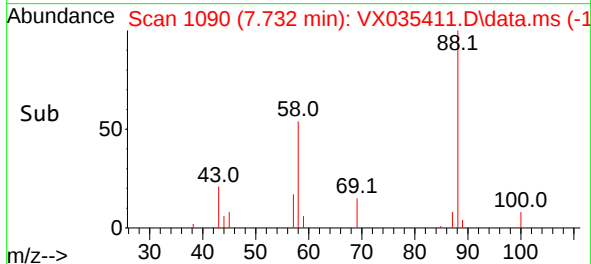
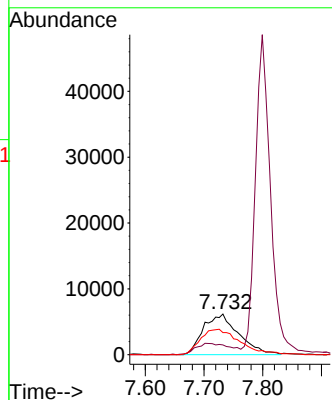
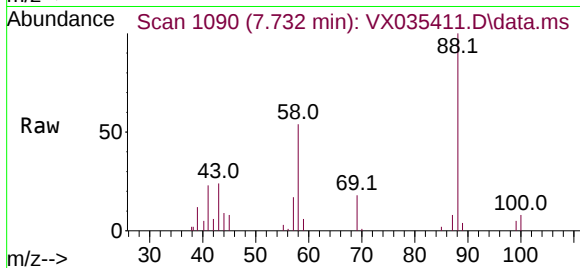
Tgt Ion: 88 Resp: 25684
 Ion Ratio Lower Upper
 88 100
 43 0.0 27.7 41.5
 58 70.6 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#50

Toluene-d8

Concen: 50.568 ug/l

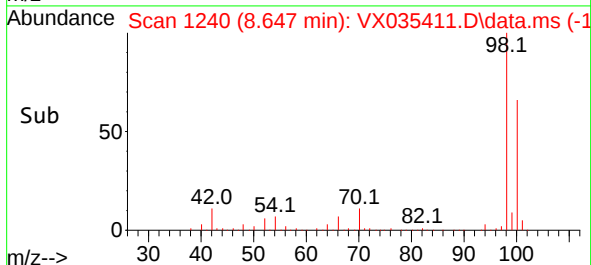
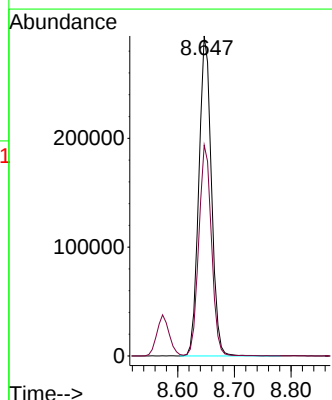
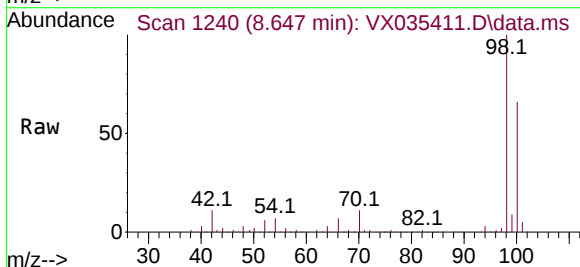
RT: 8.647 min Scan# 1240

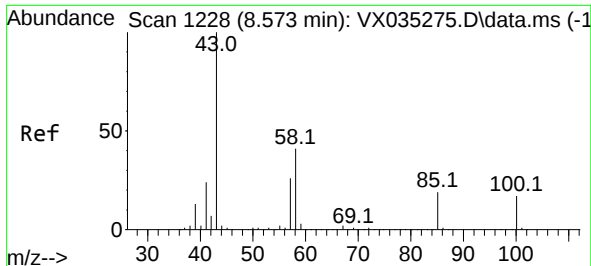
Delta R.T. 0.001 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

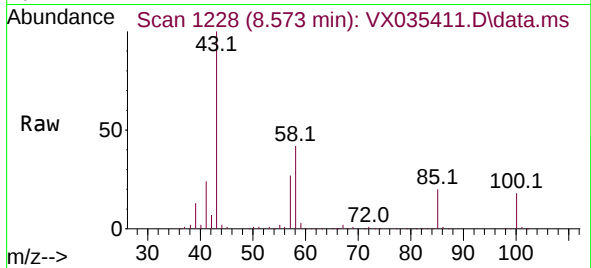
Tgt Ion: 98 Resp: 452383
 Ion Ratio Lower Upper
 98 100
 100 66.3 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 93.003 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

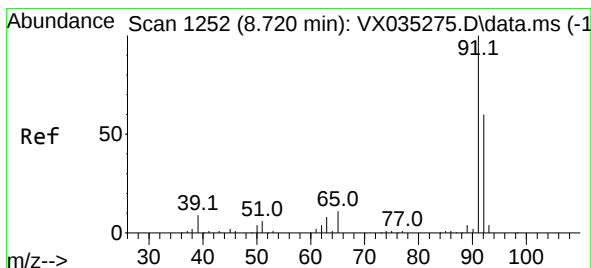
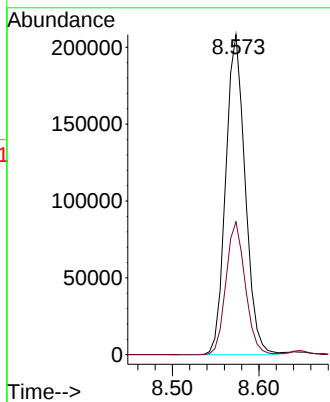
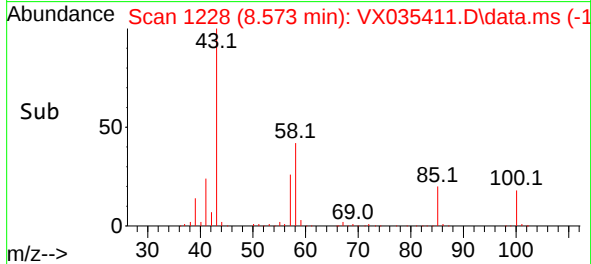
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02



Tgt Ion: 43 Resp: 324700
Ion Ratio Lower Upper
43 100
58 41.1 30.6 46.0

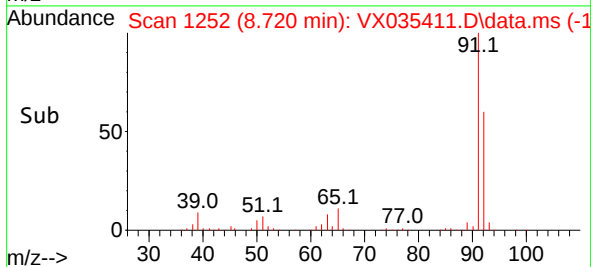
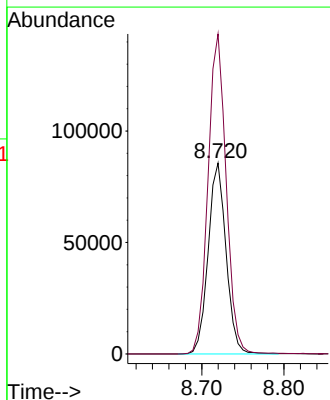
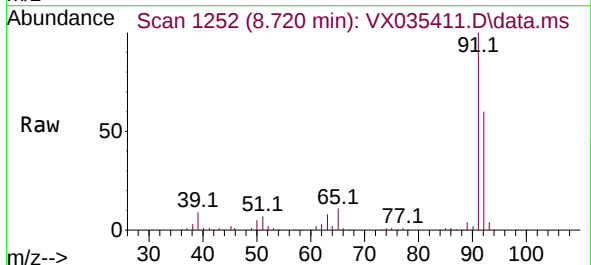
Manual Integrations
APPROVED

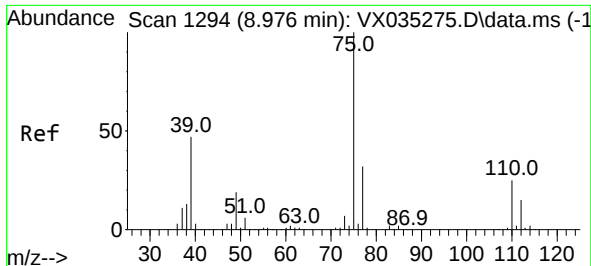
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#52
Toluene
Concen: 19.221 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Tgt Ion: 92 Resp: 129422
Ion Ratio Lower Upper
92 100
91 170.3 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 18.640 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

Tgt Ion: 75 Resp: 65958

Ion Ratio Lower Upper

75 100

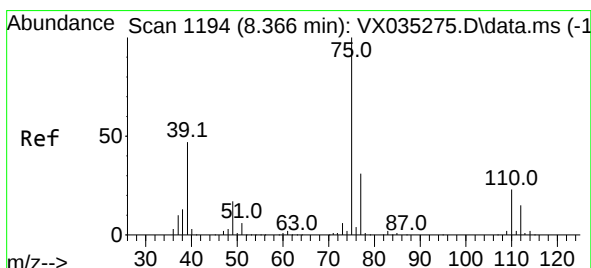
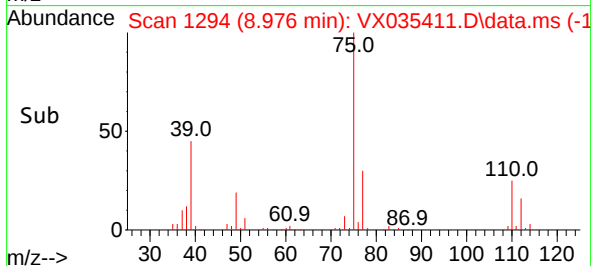
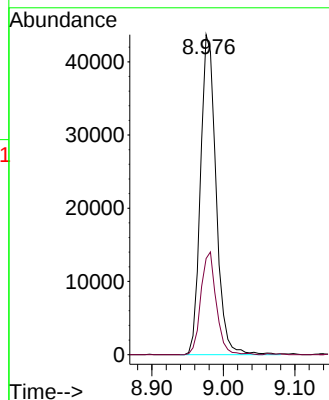
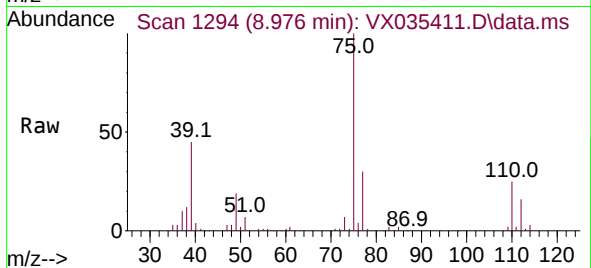
77 30.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#54

cis-1,3-Dichloropropene

Concen: 19.161 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

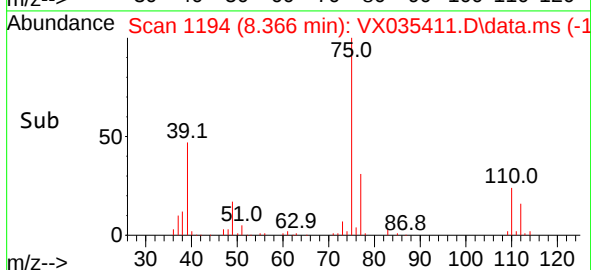
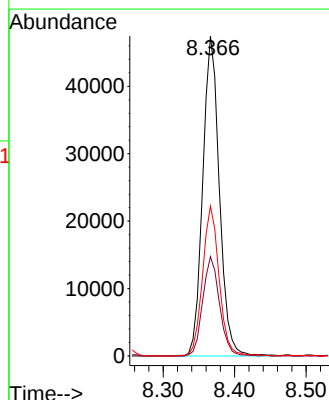
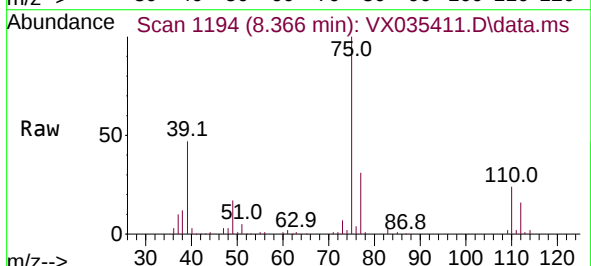
Tgt Ion: 75 Resp: 76638

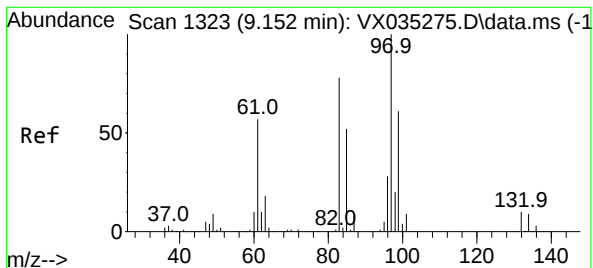
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4

39 46.7 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 19.116 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.001 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

Tgt Ion: 97 Resp: 51310

Ion Ratio Lower Upper

97 100

83 87.4 69.7 104.5

85 58.6 43.7 65.5

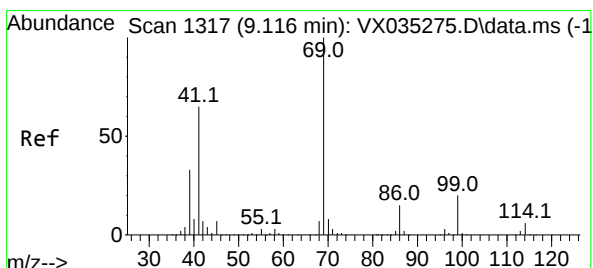
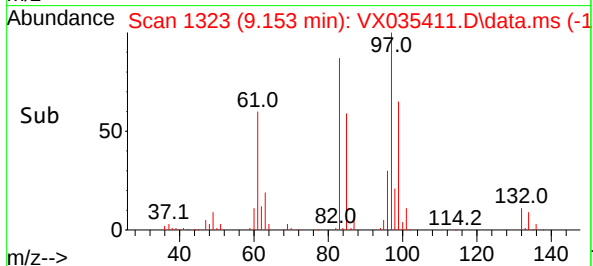
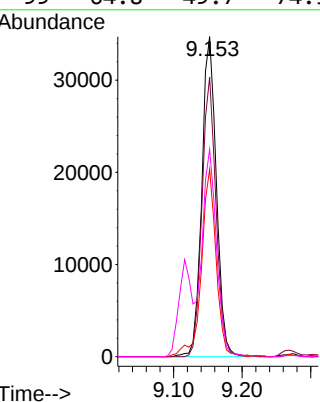
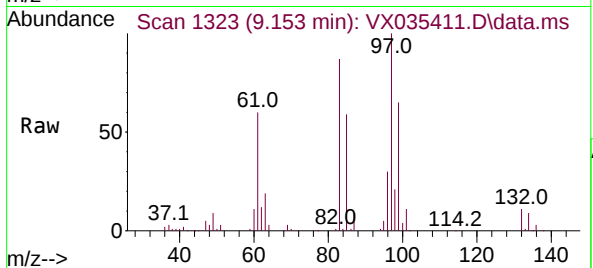
99 64.8 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#56

Ethyl methacrylate

Concen: 19.257 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

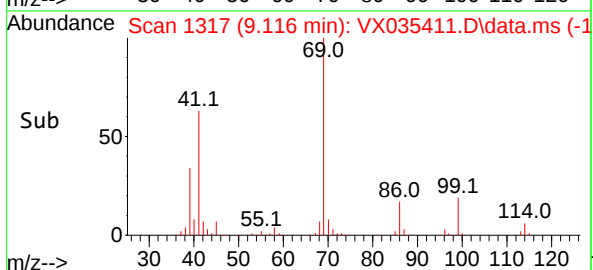
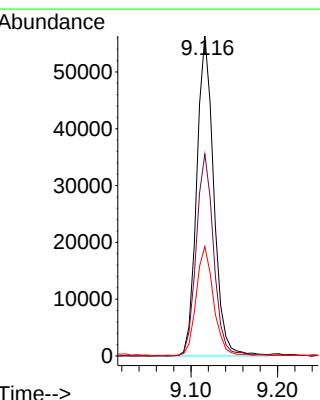
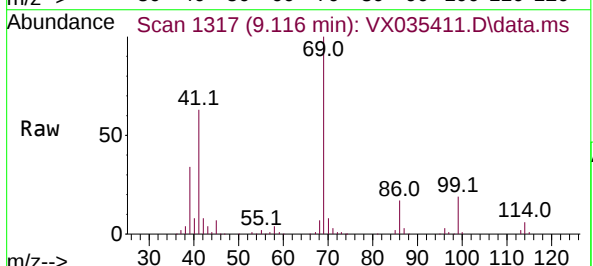
Tgt Ion: 69 Resp: 77002

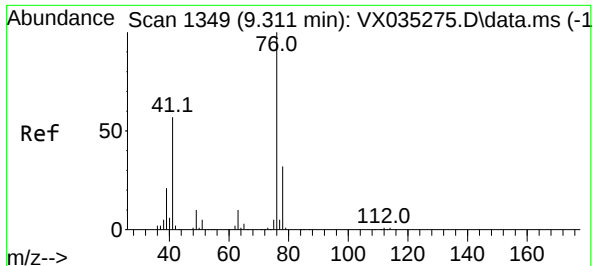
Ion Ratio Lower Upper

69 100

41 64.6 57.4 86.0

39 34.9 33.7 50.5





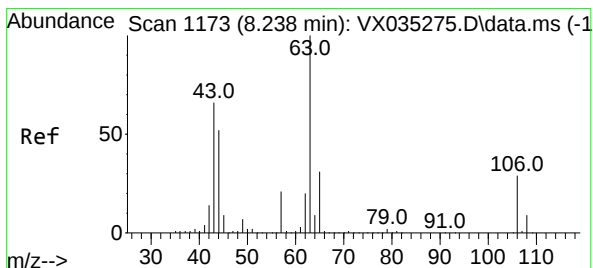
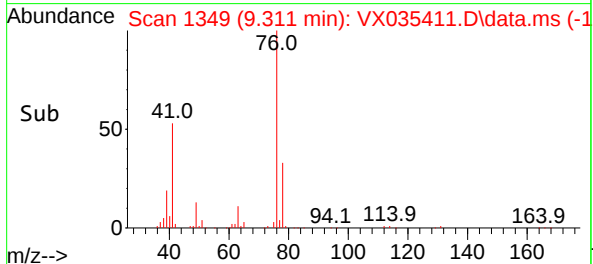
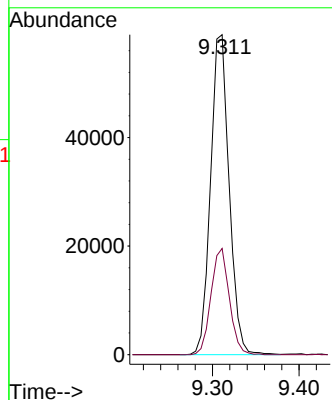
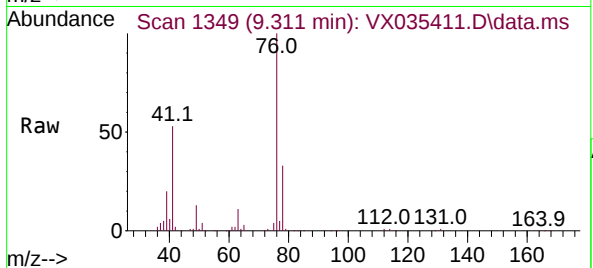
#57
1,3-Dichloropropane
Concen: 19.132 ug/l
RT: 9.311 min Scan# 11349
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tgt Ion: 76 Resp: 87838
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.8

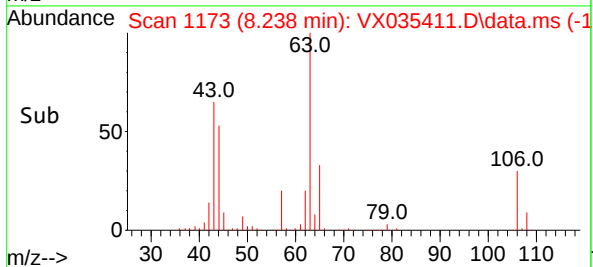
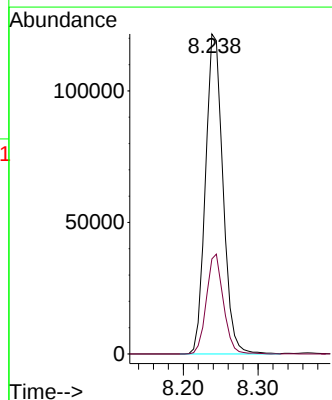
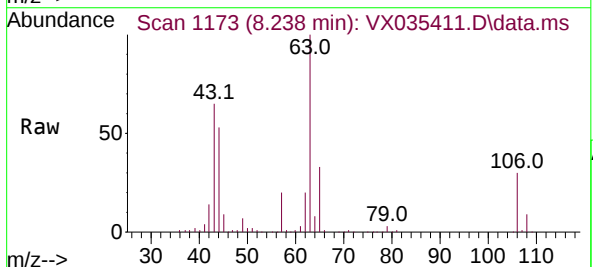
Manual Integrations
APPROVED

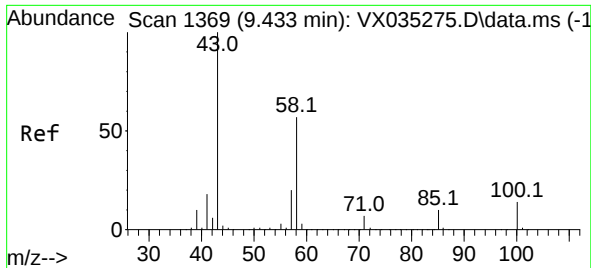
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#58
2-Chloroethyl Vinyl ether
Concen: 98.756 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

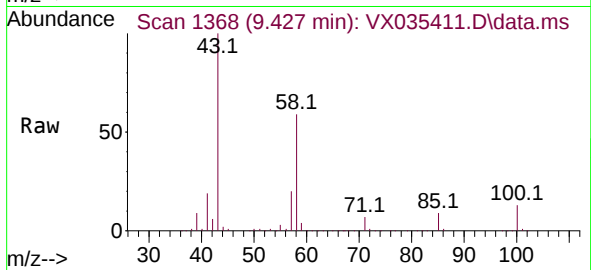
Tgt Ion: 63 Resp: 197448
Ion Ratio Lower Upper
63 100
106 30.2 22.2 33.2





#59
2-Hexanone
Concen: 91.742 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

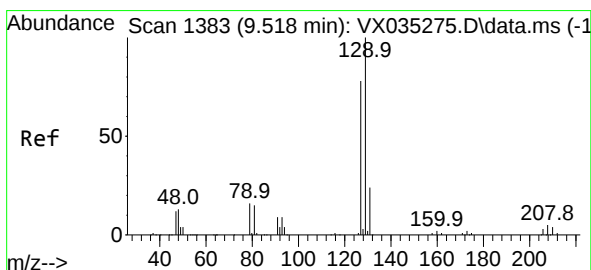
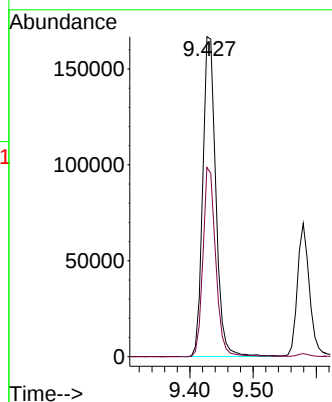
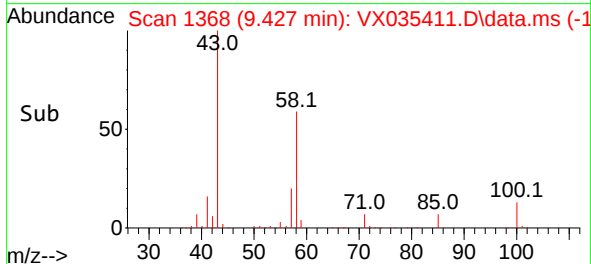
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02



Tgt Ion: 43 Resp: 240620
Ion Ratio Lower Upper
43 100
58 57.7 26.3 78.9

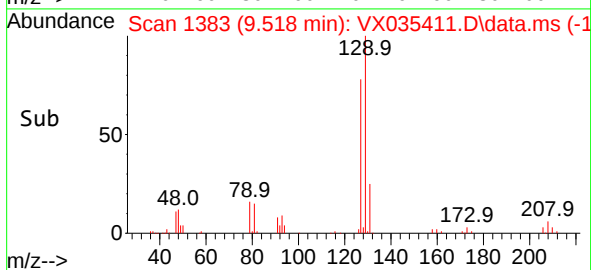
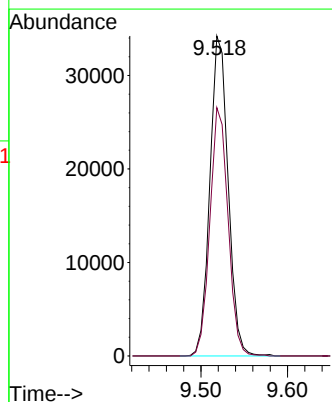
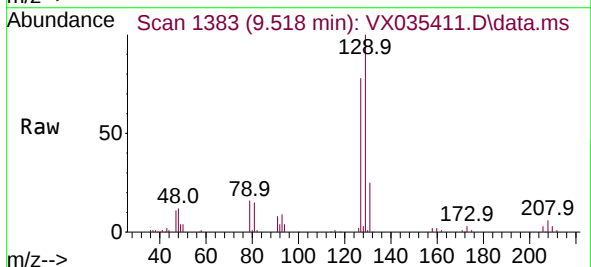
Manual Integrations
APPROVED

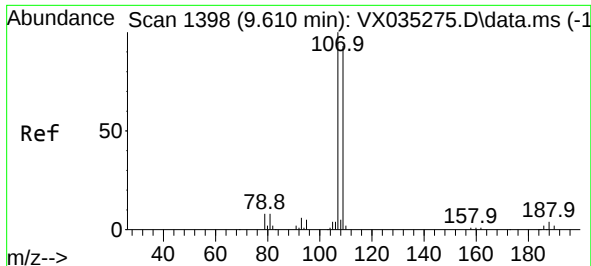
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#60
Dibromochloromethane
Concen: 19.483 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

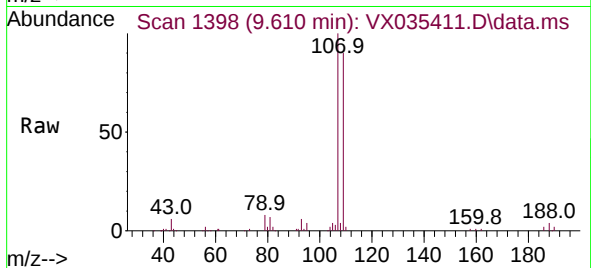
Tgt Ion:129 Resp: 50105
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0





#61
1,2-Dibromoethane
Concen: 19.608 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

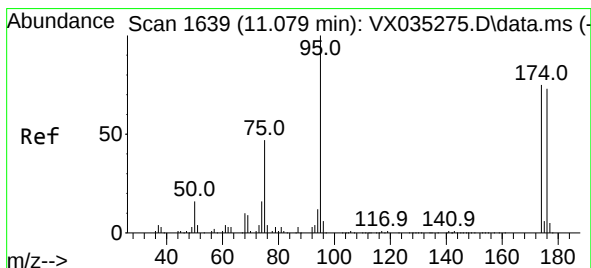
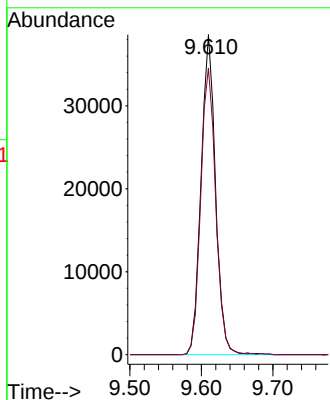
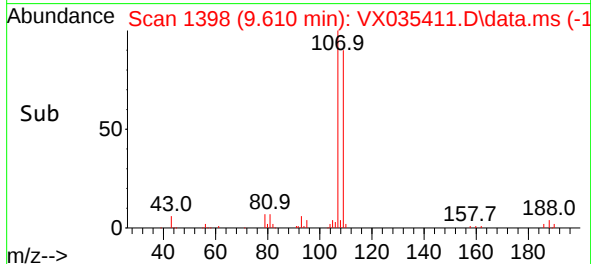
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02



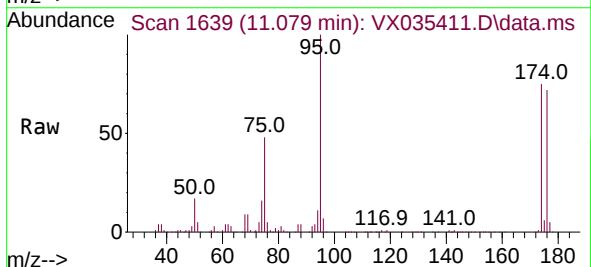
Tgt Ion:107 Resp: 54258
Ion Ratio Lower Upper
107 100
109 93.0 75.3 112.9

Manual Integrations
APPROVED

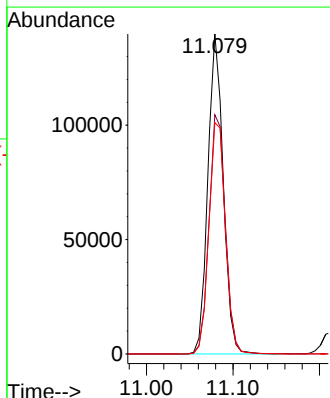
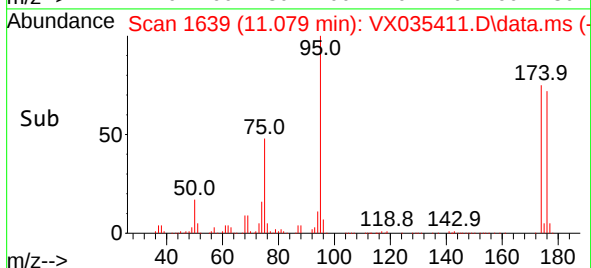
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023

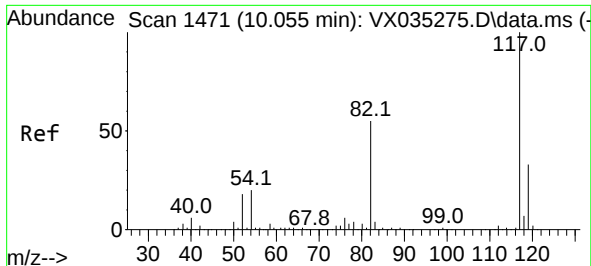


#62
4-Bromofluorobenzene
Concen: 51.100 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49



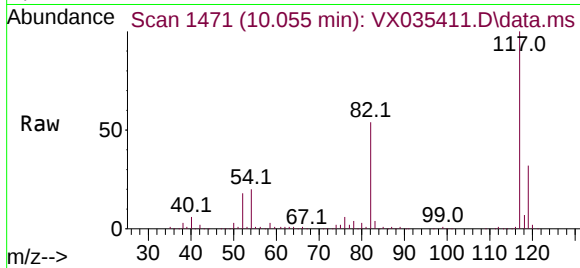
Tgt Ion: 95 Resp: 171969
Ion Ratio Lower Upper
95 100
174 79.6 0.0 147.4
176 77.8 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

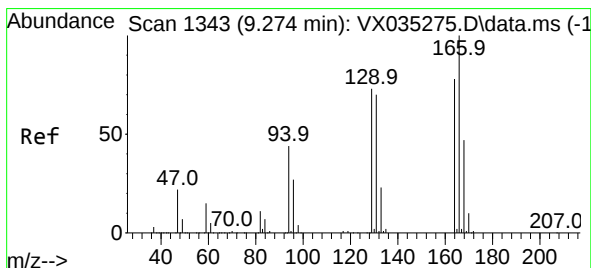
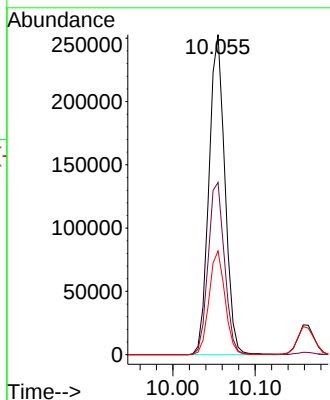
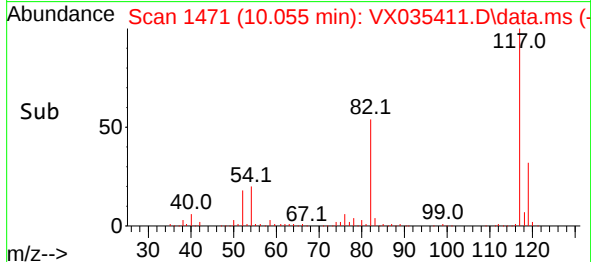
Instrument : MSVOA_X
ClientSampleId : VX0428WBS02



Tgt Ion:117 Resp: 341510
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 32.4 26.0 39.0

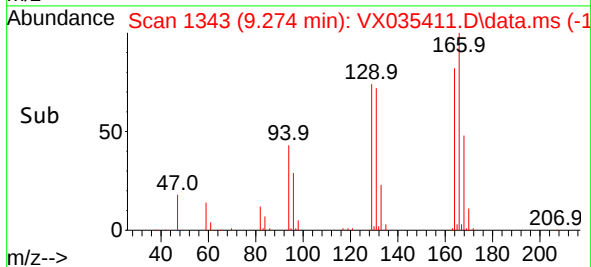
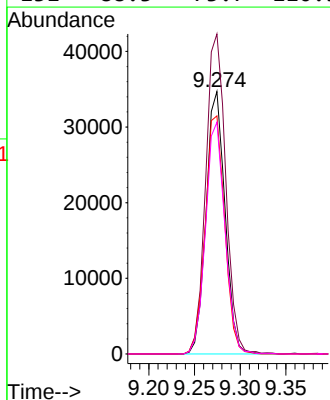
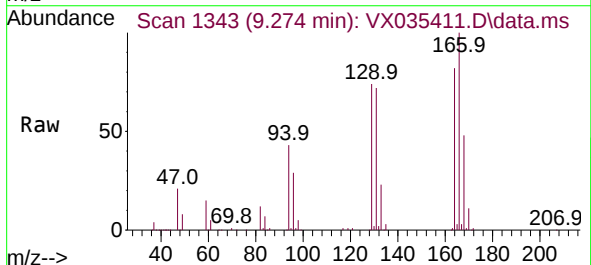
Manual Integrations
APPROVED

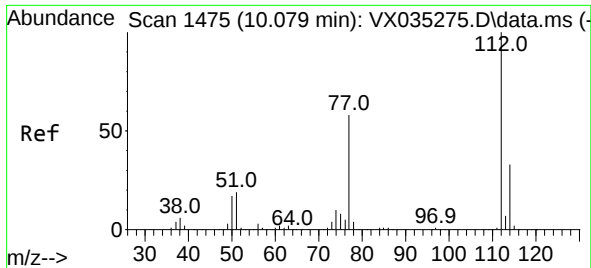
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#64
Tetrachloroethene
Concen: 19.091 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

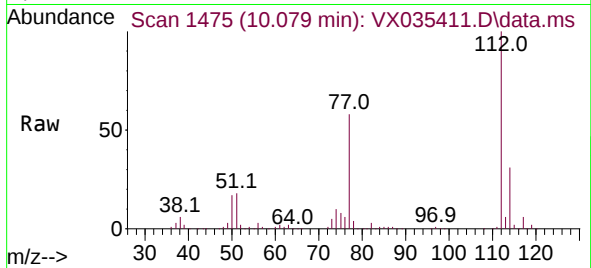
Tgt Ion:164 Resp: 49922
Ion Ratio Lower Upper
164 100
166 122.0 102.7 154.1
129 90.7 75.6 113.4
131 88.3 73.7 110.5





#65
Chlorobenzene
Concen: 19.042 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

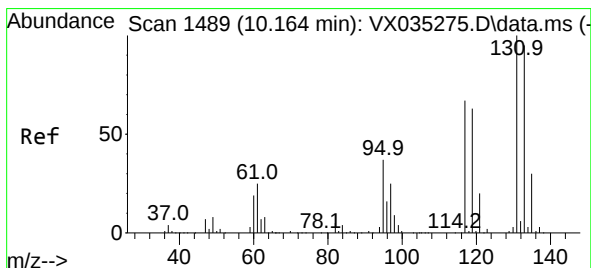
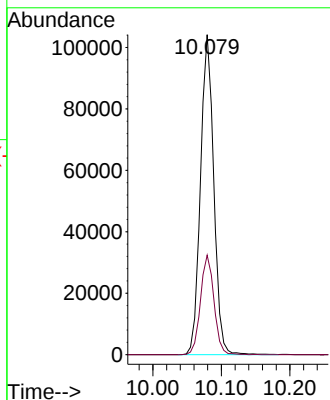
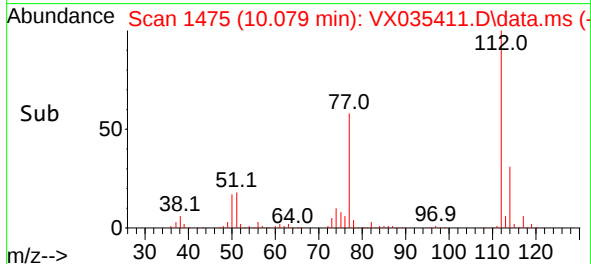
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02



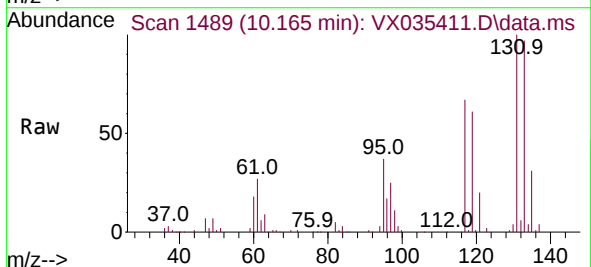
Tgt Ion:112 Resp: 140690
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.2

Manual Integrations
APPROVED

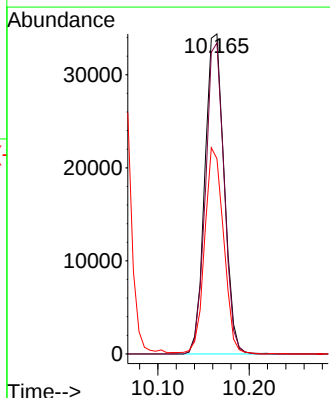
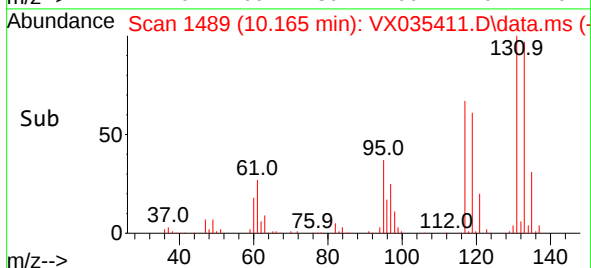
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023

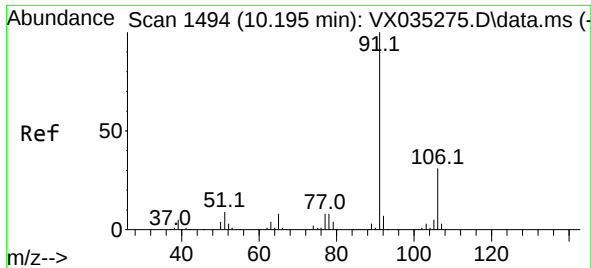


#66
1,1,1,2-Tetrachloroethane
Concen: 19.514 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49



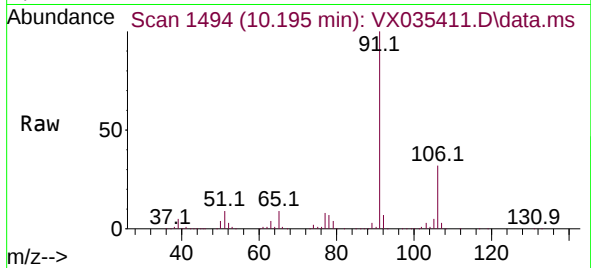
Tgt Ion:131 Resp: 50180
Ion Ratio Lower Upper
131 100
133 94.0 47.1 141.4
119 63.5 32.6 98.0





#67
Ethyl Benzene
Concen: 19.304 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

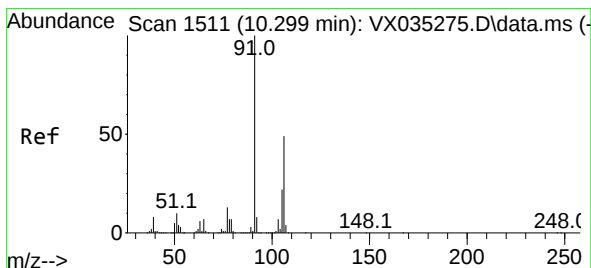
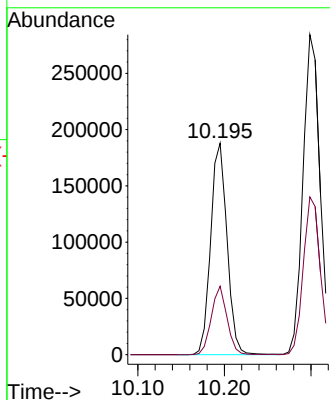
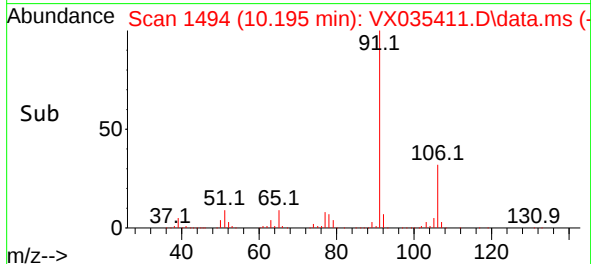
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02



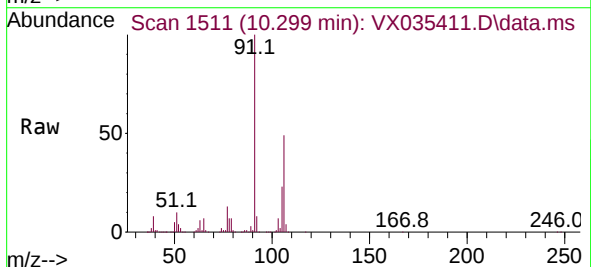
Tgt Ion: 91 Resp: 24700
Ion Ratio Lower Upper
91 100
106 32.4 25.6 38.4

Manual Integrations
APPROVED

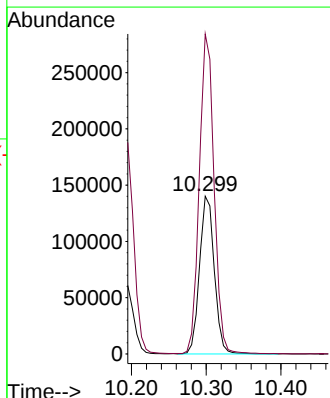
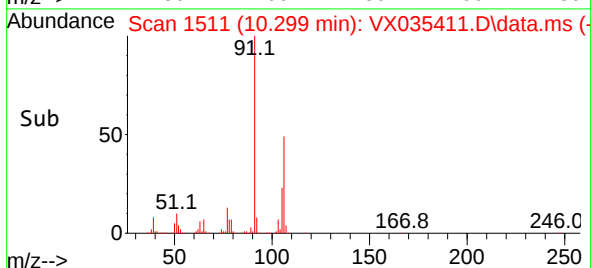
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023

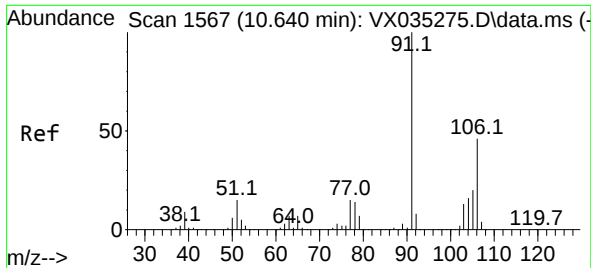


#68
m/p-Xylenes
Concen: 39.135 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49



Tgt Ion:106 Resp: 191881
Ion Ratio Lower Upper
106 100
91 202.7 164.0 246.0





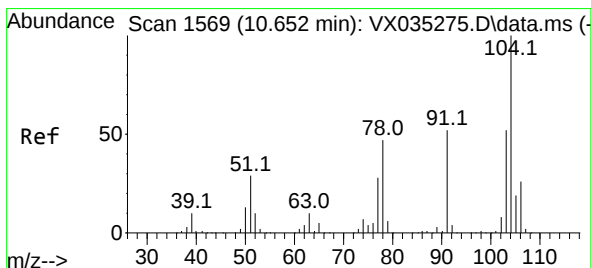
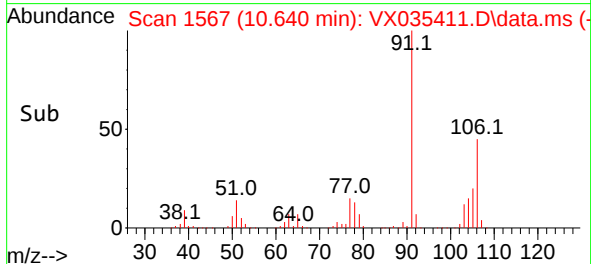
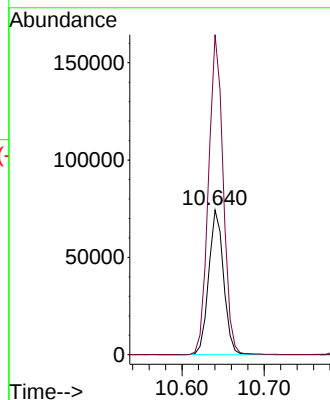
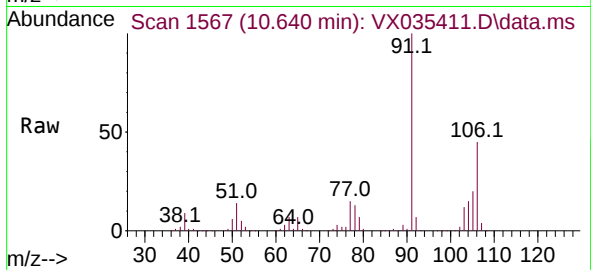
#69
o-Xylene
Concen: 19.410 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tgt Ion:106 Resp: 9332
Ion Ratio Lower Upper
106 100
91 218.5 108.5 325.3

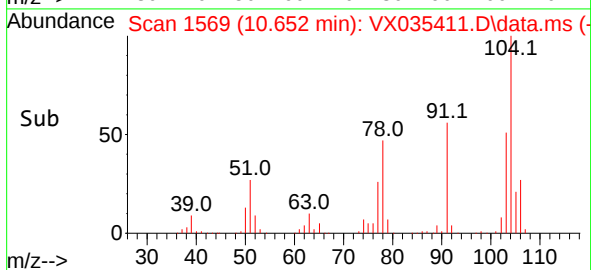
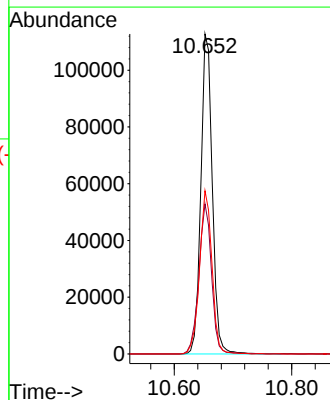
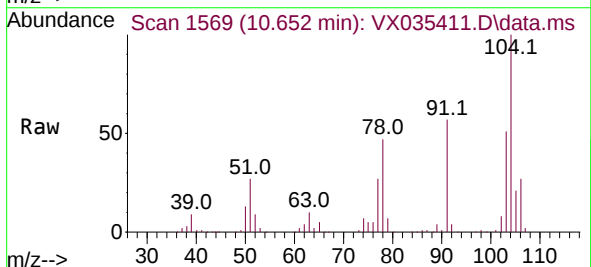
Manual Integrations
APPROVED

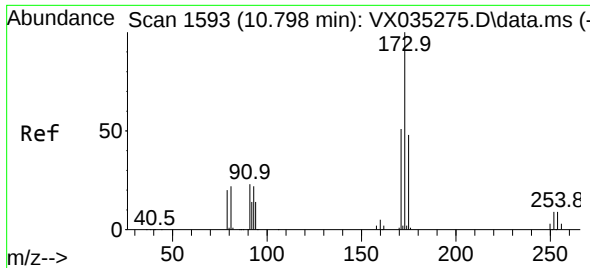
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#70
Styrene
Concen: 19.599 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

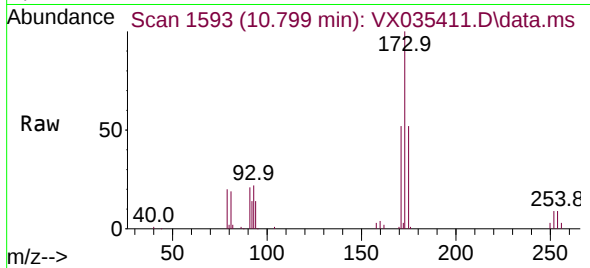
Tgt Ion:104 Resp: 152782
Ion Ratio Lower Upper
104 100
78 51.9 43.4 65.2
103 55.3 44.2 66.2





#71
Bromoform
Concen: 18.722 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

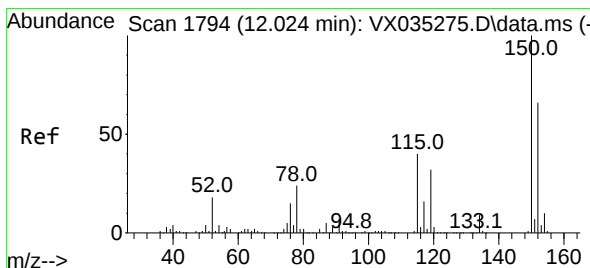
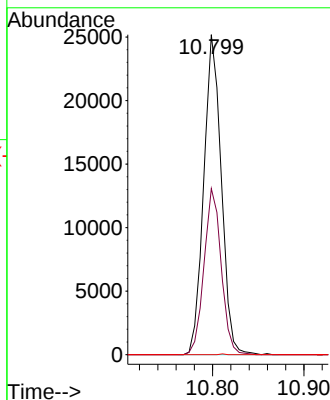
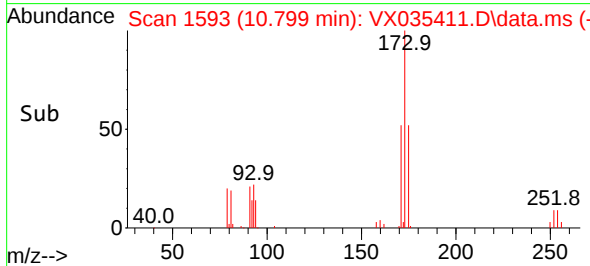
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02



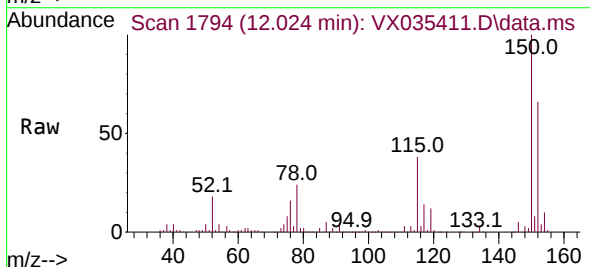
Tgt Ion:173 Resp: 3348
Ion Ratio Lower Upper
173 100
175 50.9 24.1 72.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

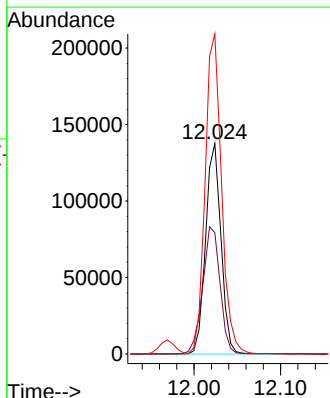
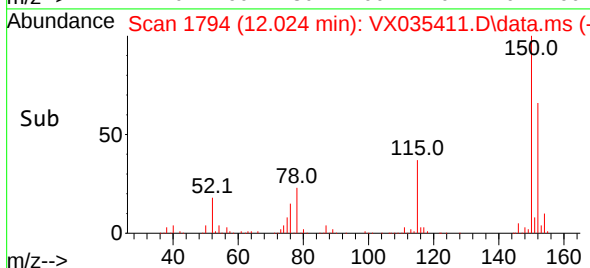
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023

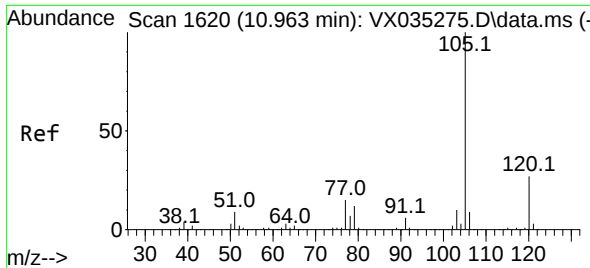


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49



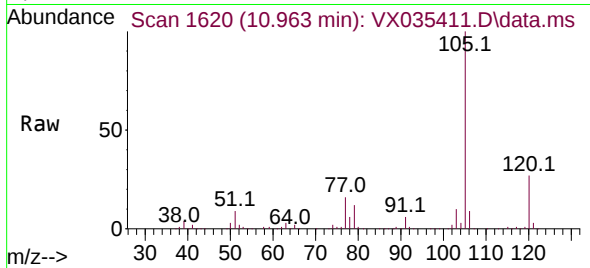
Tgt Ion:152 Resp: 169399
Ion Ratio Lower Upper
152 100
115 68.3 45.0 135.0
150 162.3 0.0 352.4





#73
Isopropylbenzene
Concen: 19.837 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

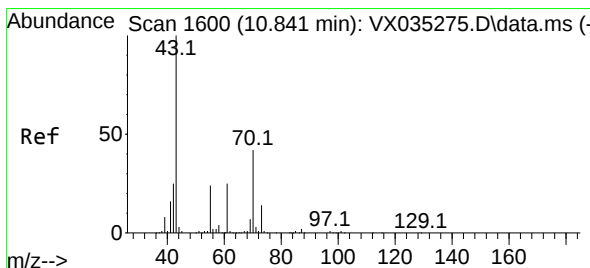
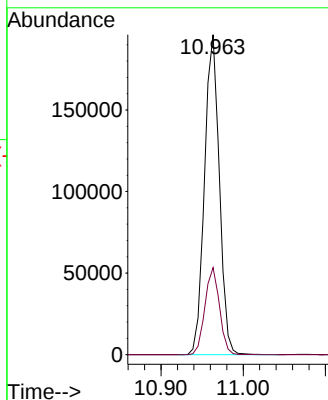
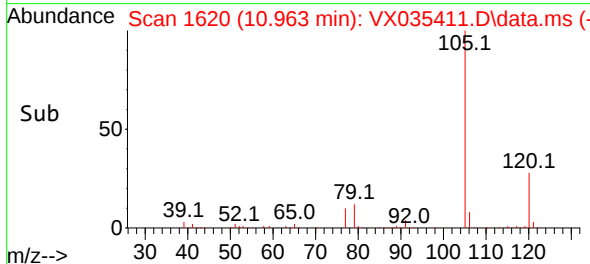
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02



Tgt Ion: 105 Resp: 245640
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

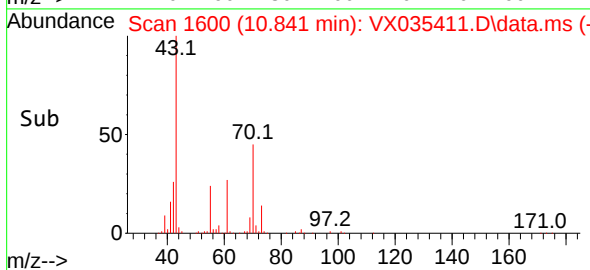
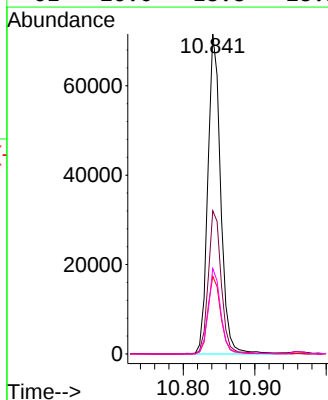
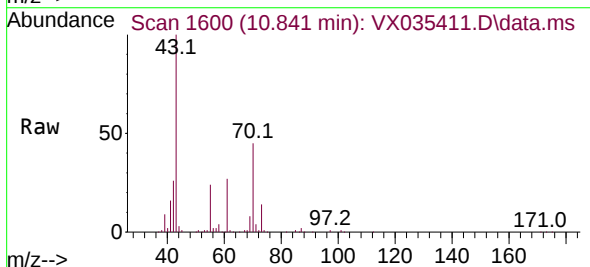
Manual Integrations
APPROVED

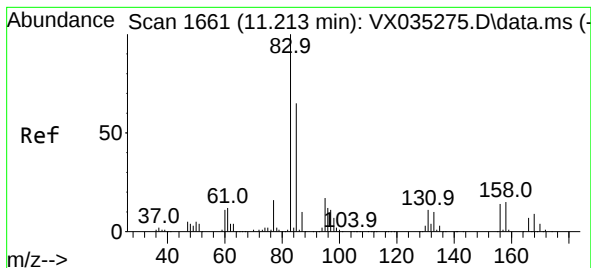
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#74
N-ethyl acetate
Concen: 19.160 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Tgt Ion: 43 Resp: 89162
Ion Ratio Lower Upper
43 100
70 45.4 32.1 48.1
55 24.7 18.3 27.5
61 26.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.619 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

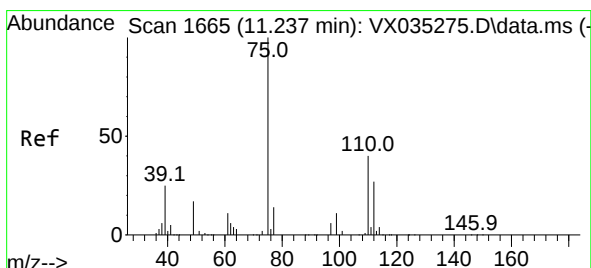
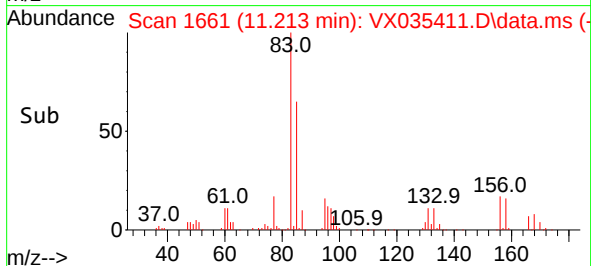
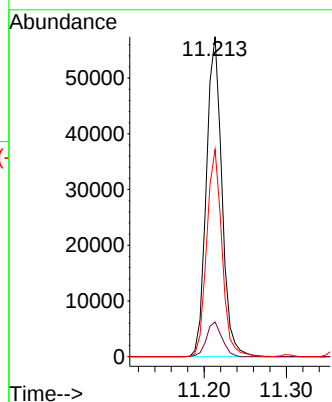
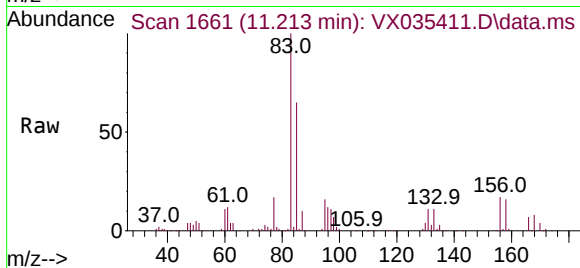
Tgt Ion:	83	Resp:	75404
Ion Ratio	Lower	Upper	
83	100		
131	11.0	4.8	14.3
85	63.7	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#76

1,2,3-Trichloropropane

Concen: 17.855 ug/l m

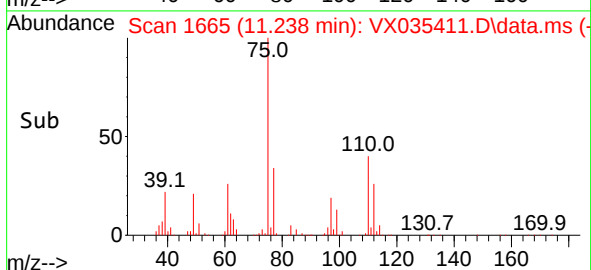
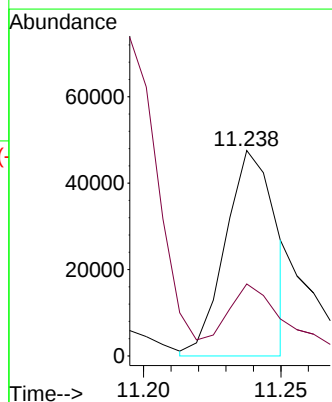
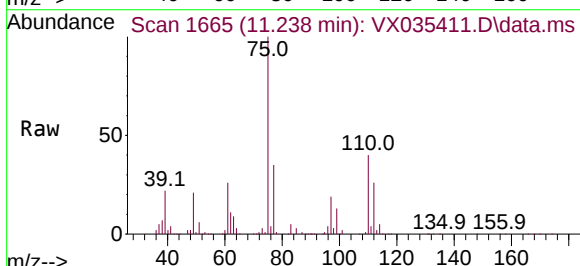
RT: 11.238 min Scan# 1665

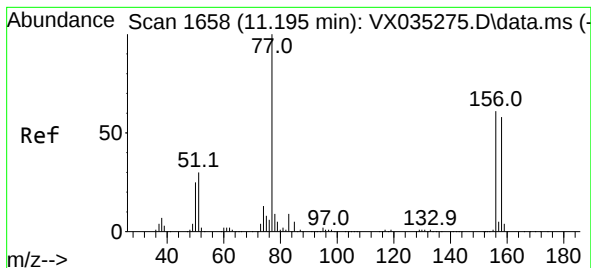
Delta R.T. 0.001 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

Tgt Ion:	75	Resp:	60333
Ion Ratio	Lower	Upper	
75	100		
77	42.4	21.6	64.8





#77

Bromobenzene

Concen: 19.985 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

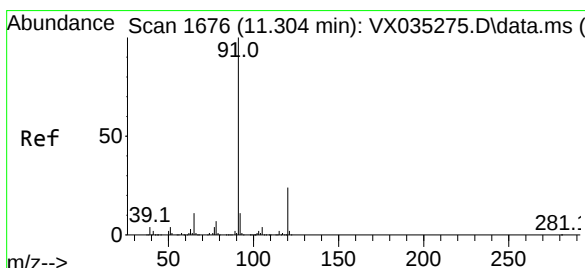
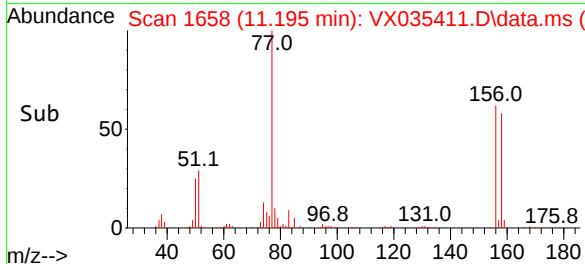
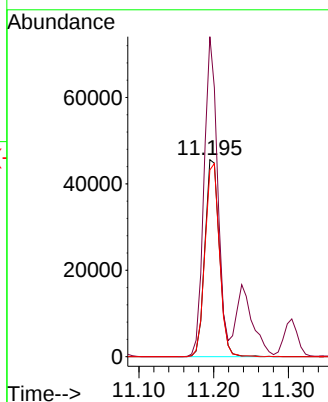
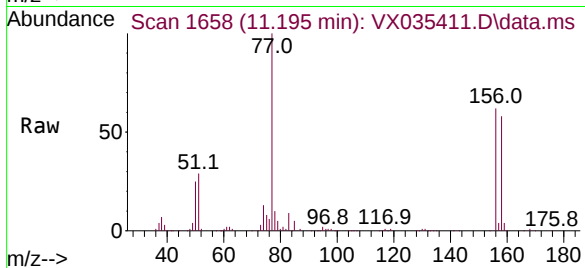
Tgt Ion:	156	Resp:	6151
Ion Ratio	Lower	Upper	
156	100		
77	151.8	86.7	259.9
158	97.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#78

n-propylbenzene

Concen: 19.239 ug/l

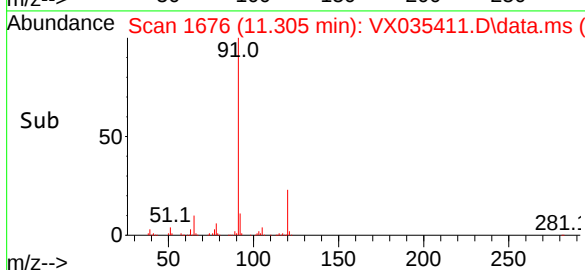
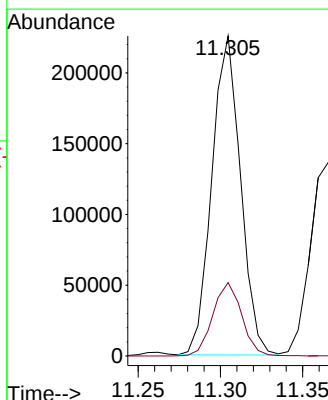
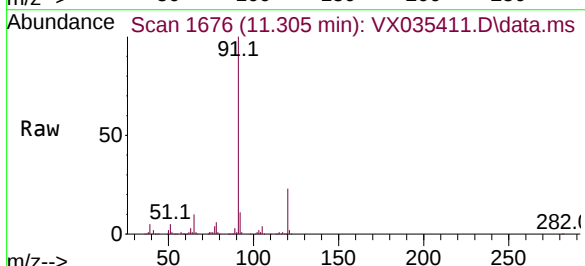
RT: 11.305 min Scan# 1676

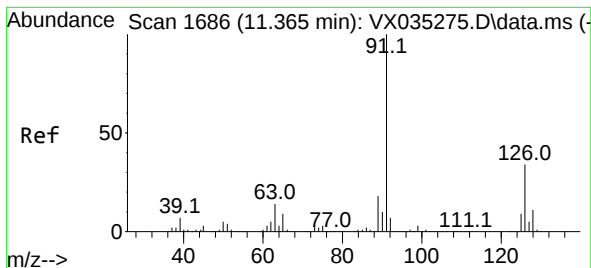
Delta R.T. 0.001 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

Tgt Ion:	91	Resp:	273610
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.5





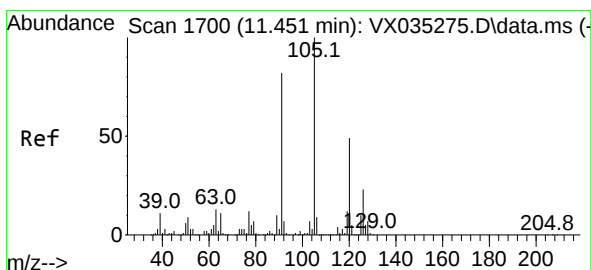
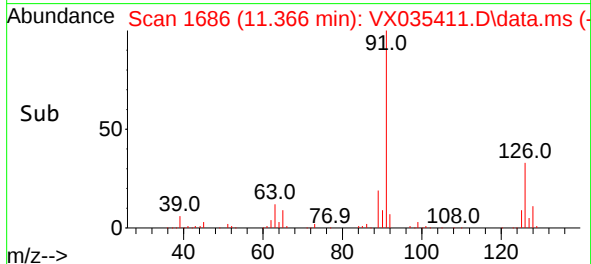
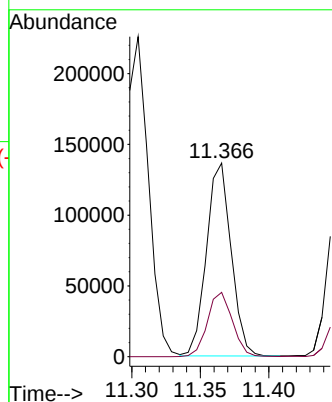
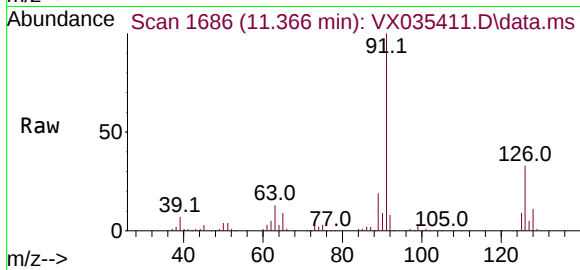
#79
2-Chlorotoluene
Concen: 19.223 ug/l
RT: 11.366 min Scan# 1700
Delta R.T. 0.001 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tgt Ion: 91 Resp: 17083
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.9

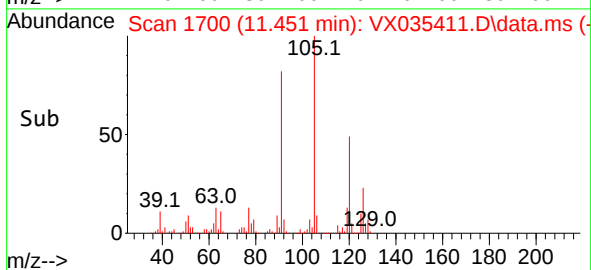
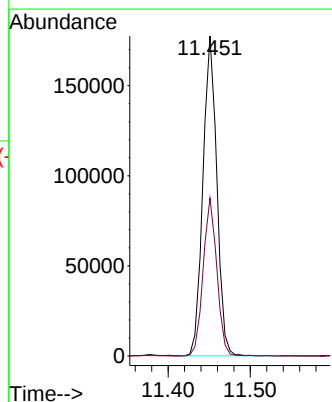
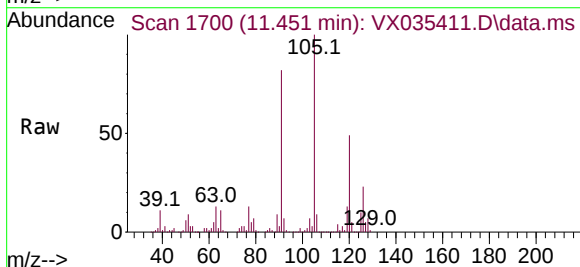
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.936 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Tgt Ion:105 Resp: 208156
Ion Ratio Lower Upper
105 100
120 48.7 23.7 71.1





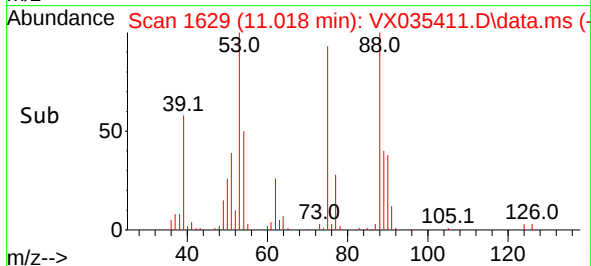
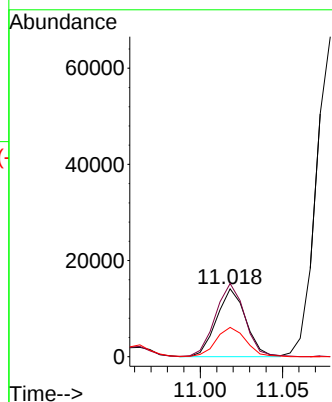
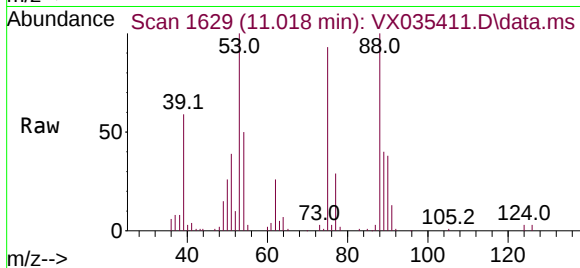
#81
trans-1,4-Dichloro-2-butene
Concen: 16.730 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tgt Ion: 75 Resp: 1745
Ion Ratio Lower Upper
75 100
53 108.4 82.6 124.0
89 44.1 36.9 55.3

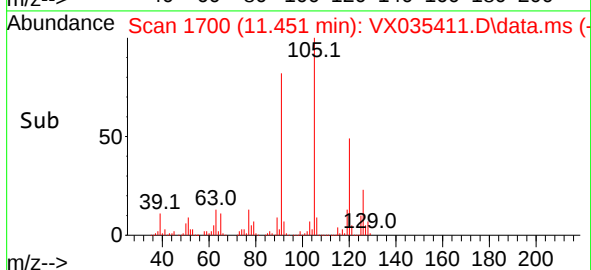
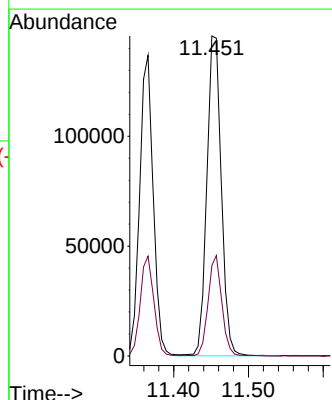
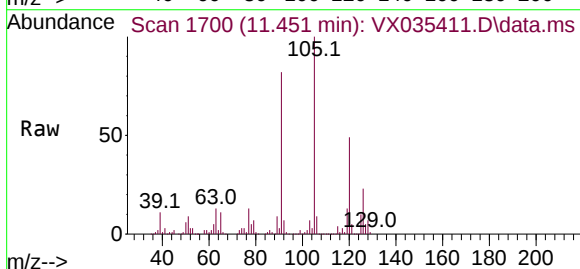
Manual Integrations
APPROVED

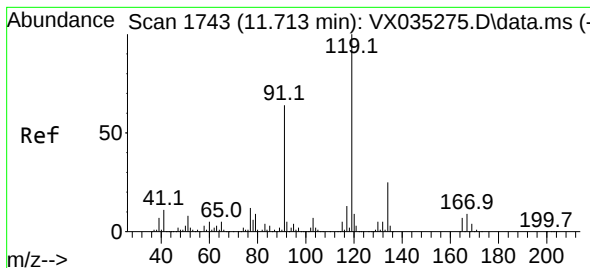
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#82
4-Chlorotoluene
Concen: 19.565 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

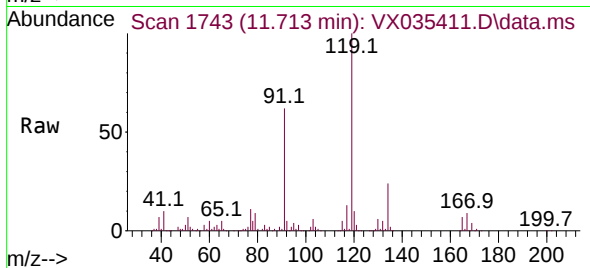
Tgt Ion: 91 Resp: 195281
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.346 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

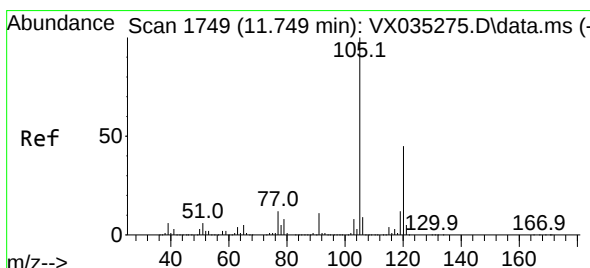
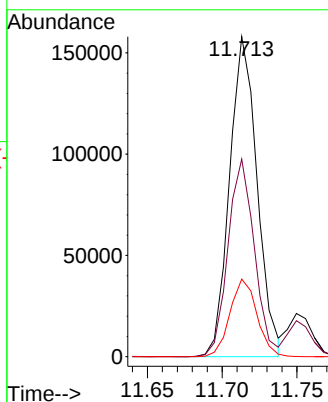
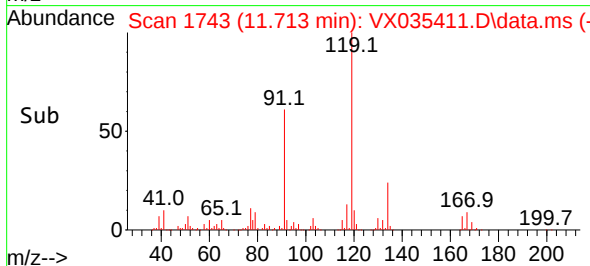
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02



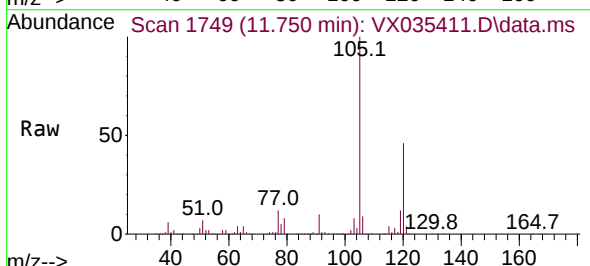
Tgt Ion:119 Resp: 202679
Ion Ratio Lower Upper
119 100
91 59.1 30.6 92.0
134 23.8 11.8 35.4

Manual Integrations
APPROVED

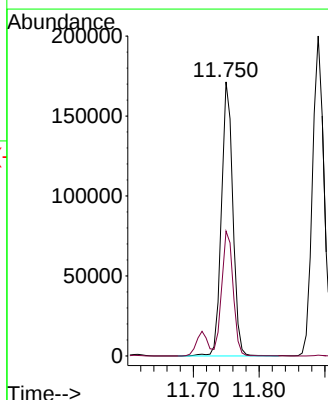
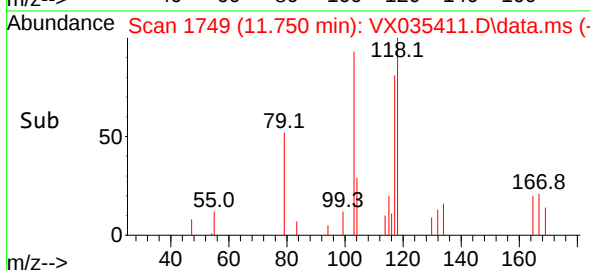
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023

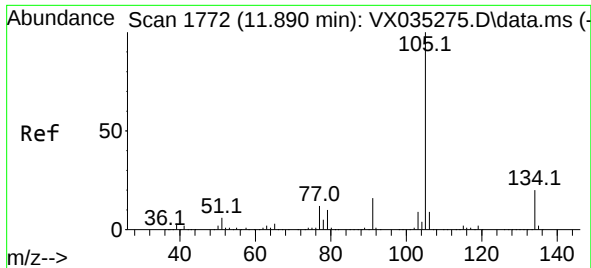


#84
1,2,4-Trimethylbenzene
Concen: 19.707 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49



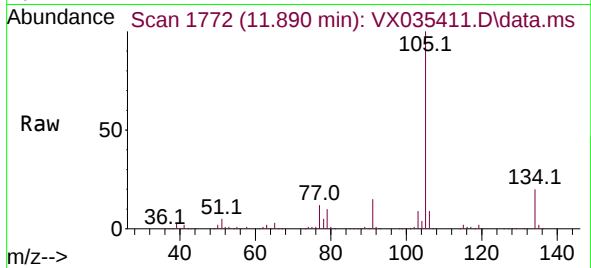
Tgt Ion:105 Resp: 206747
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 18.901 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX035411.D
 Acq: 28 Apr 2023 23:49

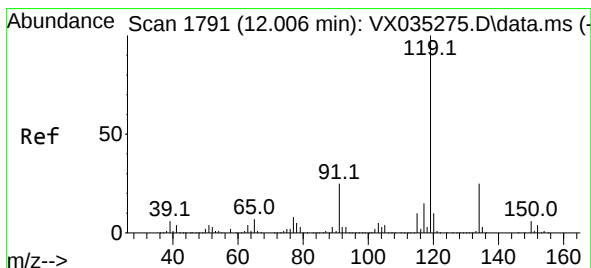
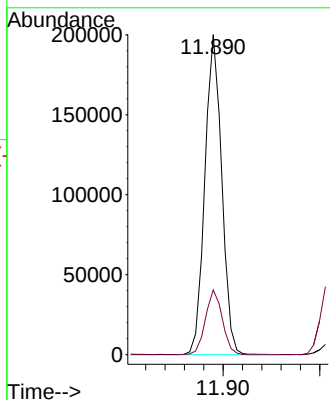
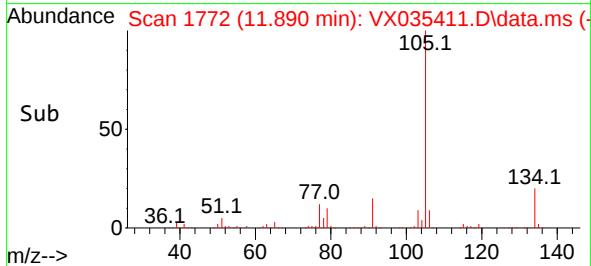
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02



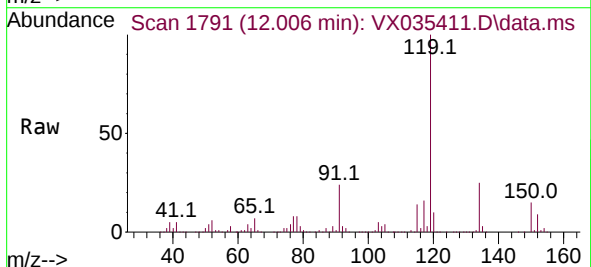
Tgt Ion:105 Resp: 242883
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4

Manual Integrations
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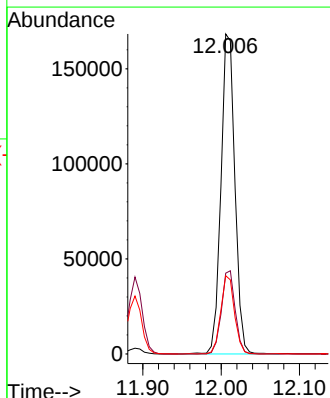
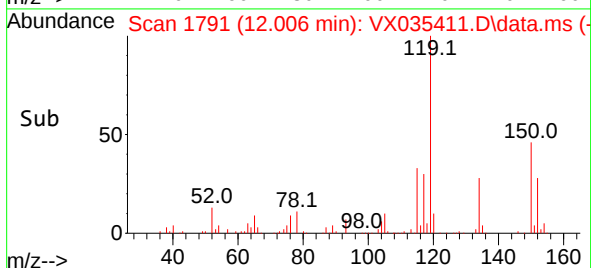
Reviewed By :John Carlone 04/29/2023
 Supervised By :Mahesh Dadoda 05/01/2023

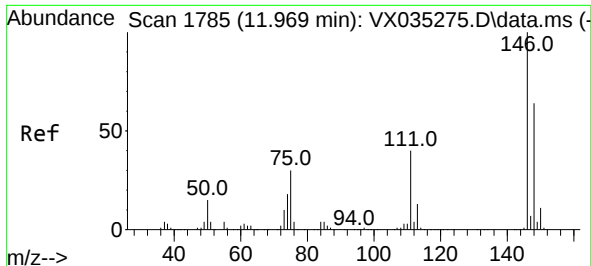


#86
 p-Isopropyltoluene
 Concen: 19.108 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035411.D
 Acq: 28 Apr 2023 23:49



Tgt Ion:119 Resp: 208831
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.5
 91 24.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 19.128 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

Tgt Ion:146 Resp: 11189

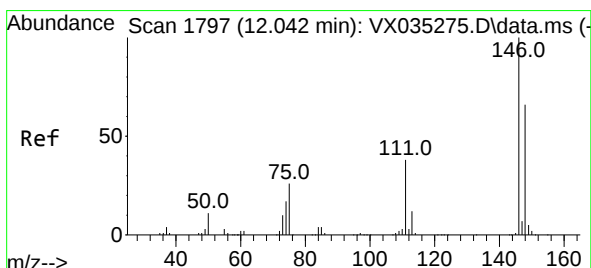
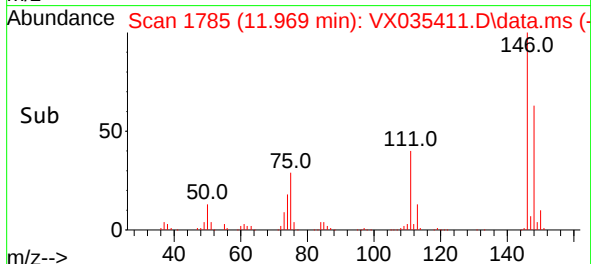
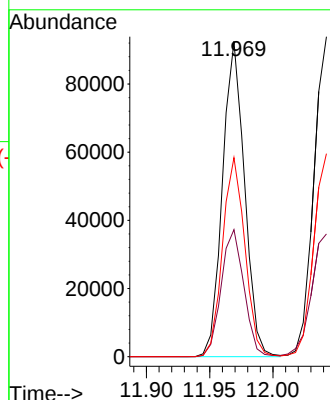
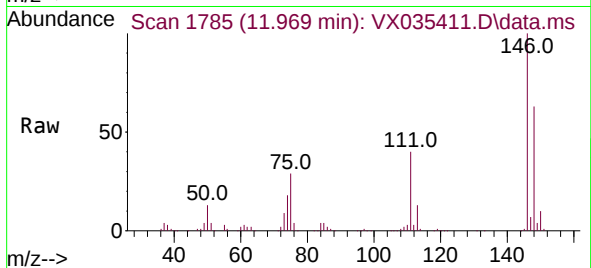
Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.9	62.8
148	63.9	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#88

1,4-Dichlorobenzene

Concen: 18.557 ug/l

RT: 12.042 min Scan# 1797

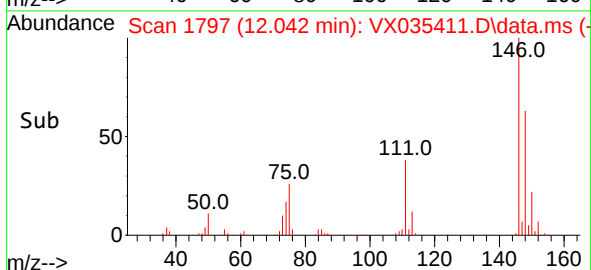
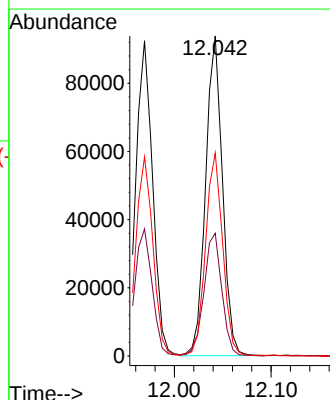
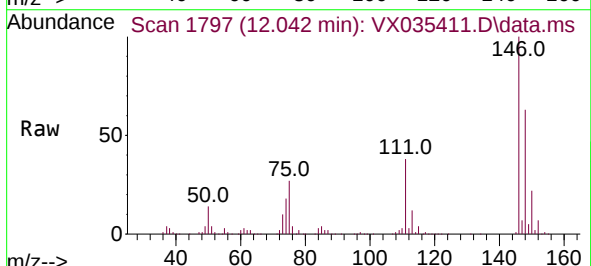
Delta R.T. 0.000 min

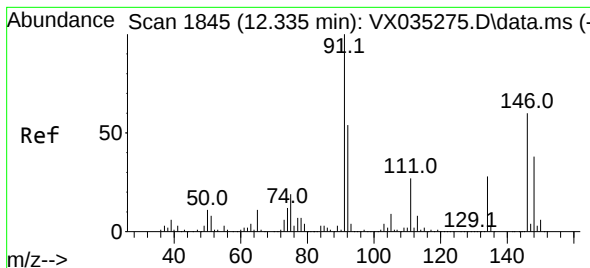
Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

Tgt Ion:146 Resp: 113814

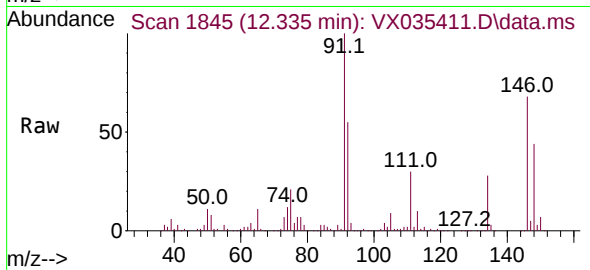
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.9
148	64.8	31.8	95.4





#89
n-Butylbenzene
Concen: 17.434 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

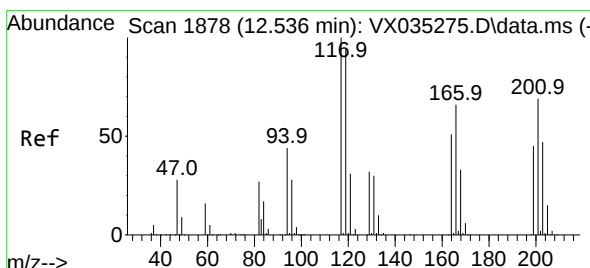
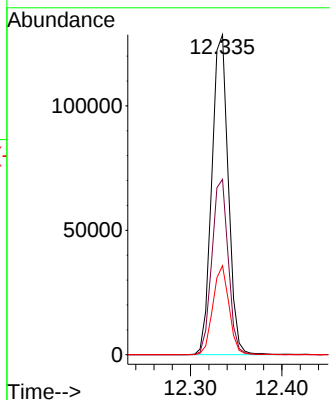
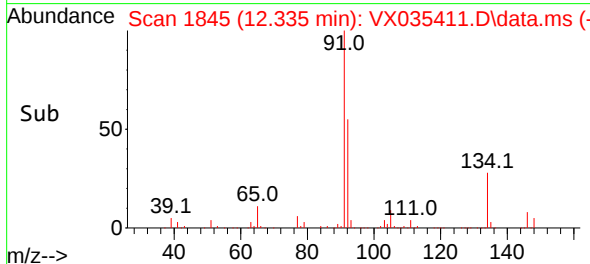
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02



Tgt Ion: 91 Resp: 160840
Ion Ratio Lower Upper
91 100
92 54.6 27.7 83.0
134 27.2 13.0 38.9

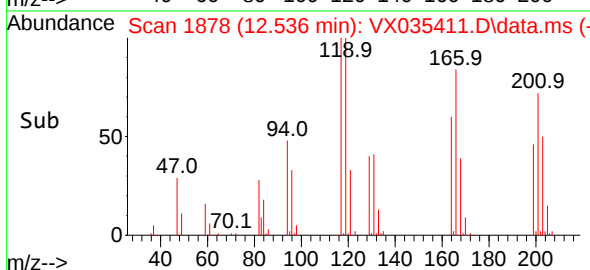
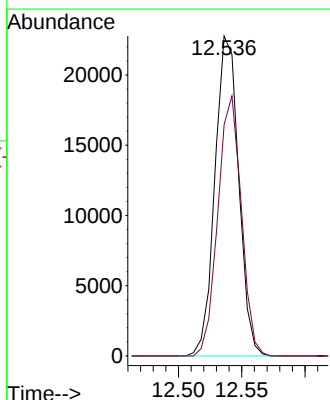
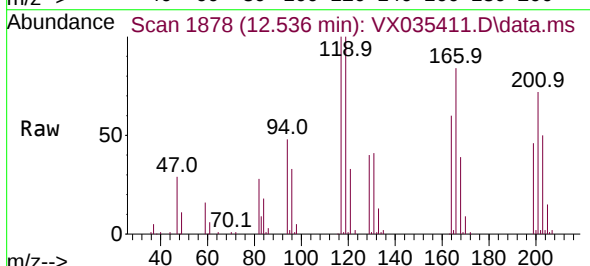
Manual Integrations
APPROVED

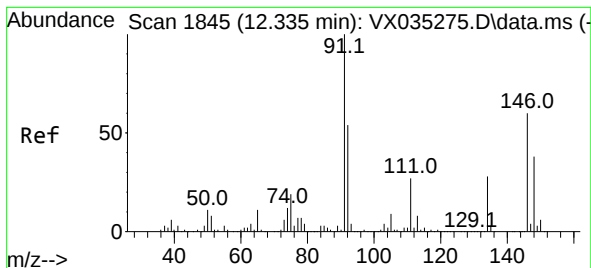
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#90
Hexachloroethane
Concen: 17.734 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

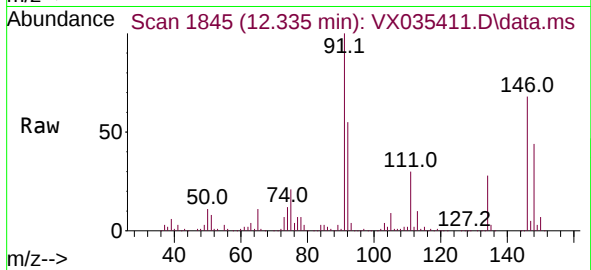
Tgt Ion:117 Resp: 29669
Ion Ratio Lower Upper
117 100
201 80.3 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 18.891 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

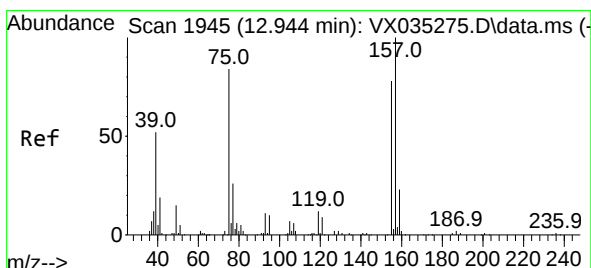
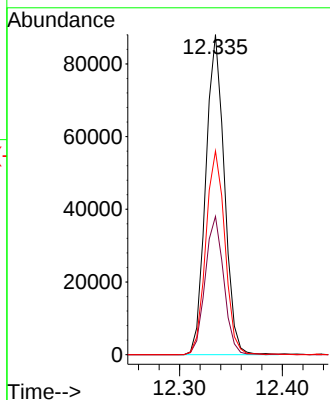
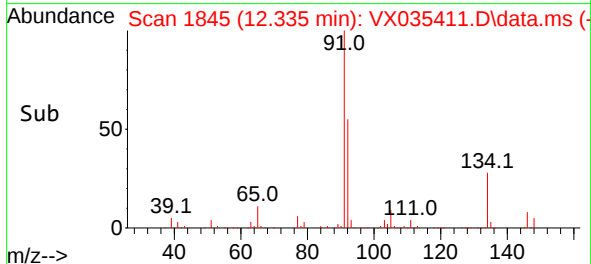
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02



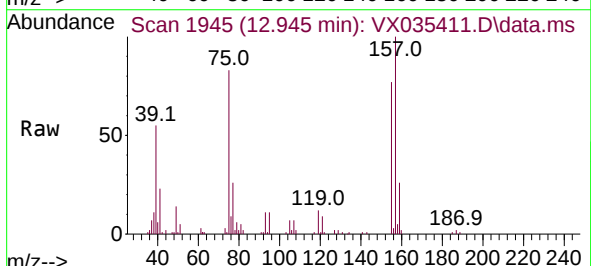
Tgt Ion: 146 Resp: 110524
Ion Ratio Lower Upper
146 100
111 43.2 22.0 66.0
148 65.3 32.0 96.0

Manual Integrations
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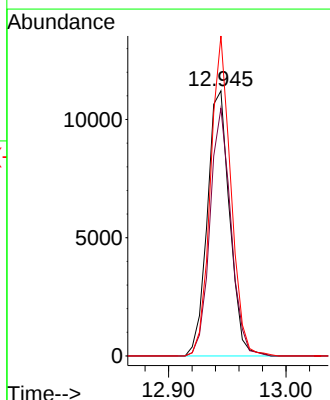
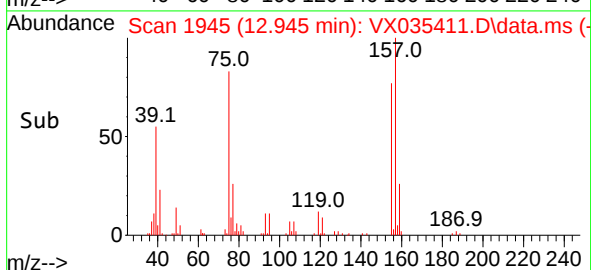
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023

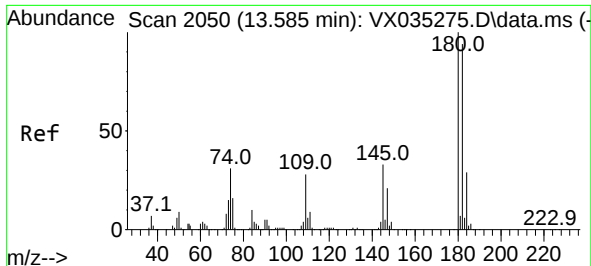


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.209 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49



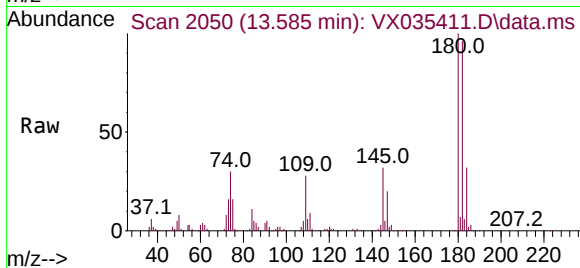
Tgt Ion: 75 Resp: 14804
Ion Ratio Lower Upper
75 100
155 87.4 38.4 115.1
157 109.8 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 18.469 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

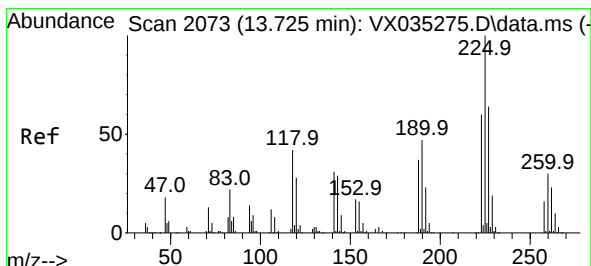
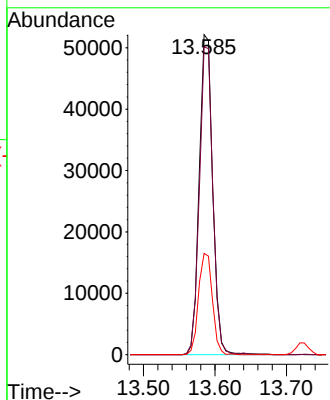
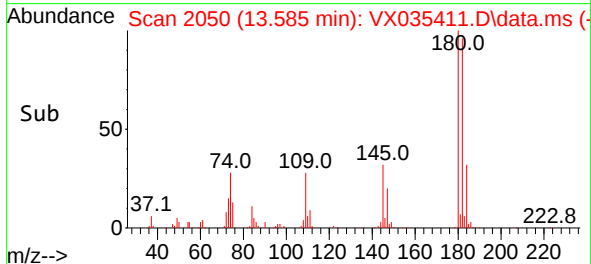
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02



Tgt Ion:180 Resp: 67920
Ion Ratio Lower Upper
180 100
182 96.1 47.0 141.0
145 32.6 15.9 47.7

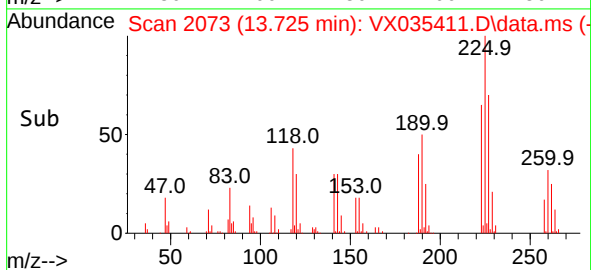
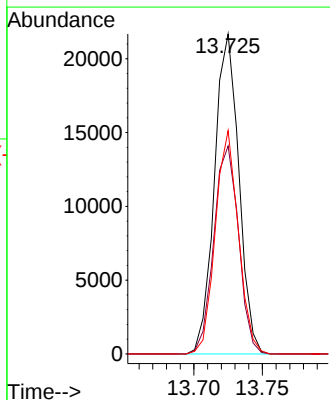
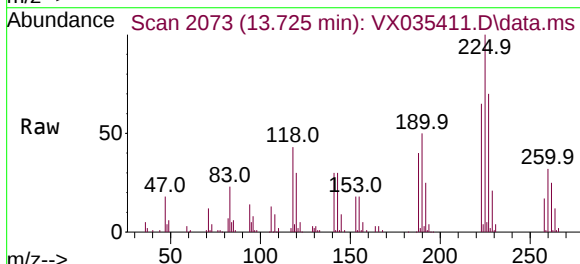
Manual Integrations
APPROVED

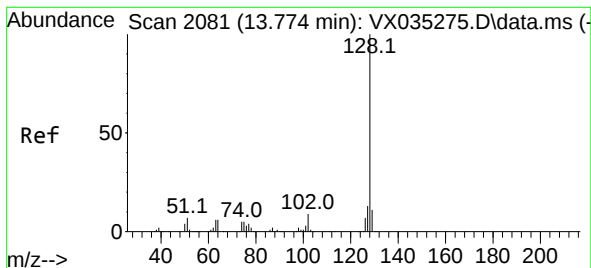
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#94
Hexachlorobutadiene
Concen: 16.623 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX035411.D
Acq: 28 Apr 2023 23:49

Tgt Ion:225 Resp: 26829
Ion Ratio Lower Upper
225 100
223 65.8 32.1 96.5
227 65.8 31.8 95.4





#95

Naphthalene

Concen: 20.229 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

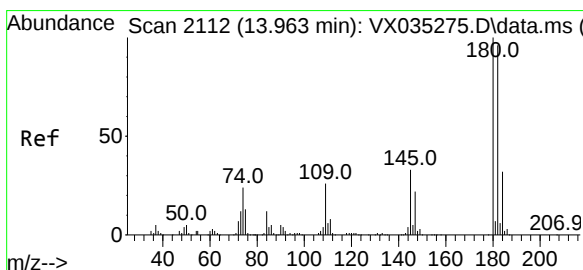
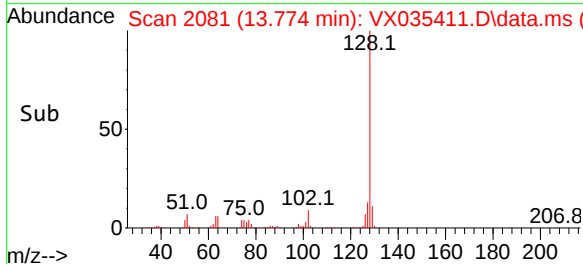
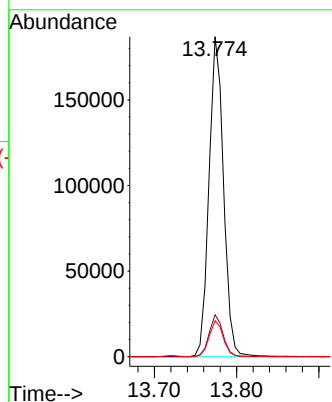
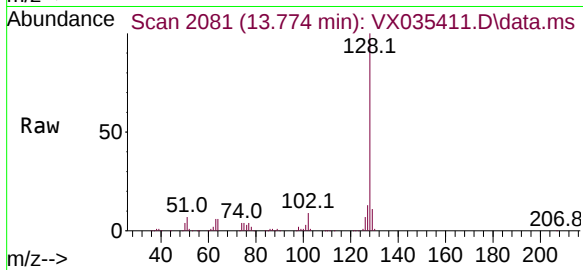
Tgt Ion:128	Resp: 22901
Ion Ratio	Lower Upper
128 100	
127 12.7	10.2 15.4
129 11.0	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.618 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035411.D

Acq: 28 Apr 2023 23:49

Tgt Ion:180	Resp: 68925
Ion Ratio	Lower Upper
180 100	
182 96.5	48.0 144.2
145 33.5	17.7 53.1

