

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035779.D
 Acq On : 22 May 2023 13:02
 Operator : JC/MD
 Sample : VX0522MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2023
 Supervised By : Mahesh Dadoda 05/23/2023

Quant Time: May 23 06:09:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	178658	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	335248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	172519	55.352	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.700%			
35) Dibromofluoromethane	5.385	113	114828	50.789	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.580%			
50) Toluene-d8	8.647	98	411992	49.327	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.660%			
62) 4-Bromofluorobenzene	11.079	95	167191	49.715	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	39657	17.032	ug/l	98
3) Chloromethane	1.295	50	51866	18.356	ug/l	98
4) Vinyl Chloride	1.374	62	43099	17.973	ug/l	96
5) Bromomethane	1.618	94	28792	22.170	ug/l	97
6) Chloroethane	1.691	64	26895	18.488	ug/l	99
7) Trichlorofluoromethane	1.892	101	60921	17.278	ug/l	99
8) Diethyl Ether	2.130	74	27142	19.993	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	33417	15.963	ug/l	98
10) Methyl Iodide	2.453	142	45399	24.248	ug/l	91
11) Tert butyl alcohol	3.020	59	55028m	100.073	ug/l	
12) 1,1-Dichloroethene	2.319	96	35832	18.010	ug/l	95
13) Acrolein	2.240	56	59939	91.841	ug/l	98
14) Allyl chloride	2.666	41	83152	19.508	ug/l	92
15) Acrylonitrile	3.069	53	136732	112.922	ug/l	98
16) Acetone	2.404	43	151020	112.738	ug/l	93
17) Carbon Disulfide	2.514	76	78381	16.324	ug/l	99
18) Methyl Acetate	2.709	43	119288	24.146	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	171818	21.702	ug/l	97
20) Methylene Chloride	2.788	84	52396	21.582	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	43498	19.952	ug/l	91
22) Diisopropyl ether	3.758	45	179856	21.551	ug/l	96
23) Vinyl Acetate	3.721	43	644882	109.210	ug/l	97
24) 1,1-Dichloroethane	3.611	63	94945	21.272	ug/l	99
25) 2-Butanone	4.568	43	206186	111.188	ug/l	96
26) 2,2-Dichloropropane	4.477	77	73461	19.436	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	55495	21.175	ug/l	95
28) Bromochloromethane	4.898	49	49327	24.570	ug/l	93
29) Tetrahydrofuran	5.026	42	128702	110.422	ug/l	98
30) Chloroform	5.087	83	97569	21.333	ug/l	100
31) Cyclohexane	5.471	56	67510	17.144	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	78045	19.612	ug/l	98
36) 1,1-Dichloropropene	5.690	75	64040	17.945	ug/l	97
37) Ethyl Acetate	4.715	43	79351	21.318	ug/l	100
38) Carbon Tetrachloride	5.678	117	59066	17.472	ug/l	97
39) Methylcyclohexane	7.379	83	63689	15.161	ug/l	93
40) Benzene	6.038	78	196986	19.731	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46870	21.207	ug/l	95
42) 1,2-Dichloroethane	6.086	62	90341	21.036	ug/l	97
43) Isopropyl Acetate	6.342	43	133620	20.586	ug/l	98
44) Trichloroethene	7.123	130	47367	18.711	ug/l	98
45) 1,2-Dichloropropane	7.428	63	54532	20.624	ug/l	97
46) Dibromomethane	7.580	93	37064	20.478	ug/l	94
47) Bromodichloromethane	7.824	83	68513	19.585	ug/l	97
48) Methyl methacrylate	7.690	41	67208	20.981	ug/l	94
49) 1,4-Dioxane	7.726	88	23991	349.827	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	412303	110.258	ug/l	97
52) Toluene	8.714	92	123651	19.621	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	74485	19.598	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	82025	20.143	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	52536	21.225	ug/l	100
56) Ethyl methacrylate	9.116	69	82978	20.701	ug/l	95
57) 1,3-Dichloropropane	9.305	76	94497	21.060	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	202793	99.450	ug/l	98
59) 2-Hexanone	9.433	43	311294	110.539	ug/l	96
60) Dibromochloromethane	9.519	129	46855	19.859	ug/l	100
61) 1,2-Dibromoethane	9.610	107	54372	20.849	ug/l	100
64) Tetrachloroethene	9.275	164	37080	18.258	ug/l	96
65) Chlorobenzene	10.080	112	130373	19.799	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	45983	19.749	ug/l	99
67) Ethyl Benzene	10.195	91	241976	19.539	ug/l	97
68) m/p-Xylenes	10.299	106	177117	38.692	ug/l	94
69) o-Xylene	10.640	106	89378	19.677	ug/l	93
70) Styrene	10.653	104	145140	19.826	ug/l	98
71) Bromoform	10.799	173	28102	18.344	ug/l #	98
73) Isopropylbenzene	10.964	105	226918	19.486	ug/l	98
74) N-amyl acetate	10.842	43	110221	20.300	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	79050	20.926	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	68744m	20.336	ug/l	
77) Bromobenzene	11.201	156	53204	20.129	ug/l	93
78) n-propylbenzene	11.305	91	265491	19.394	ug/l	97
79) 2-Chlorotoluene	11.366	91	169553	19.783	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	196776	19.881	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	18590	17.724	ug/l #	77
82) 4-Chlorotoluene	11.451	91	194760	19.732	ug/l	97
83) tert-Butylbenzene	11.713	119	181893	18.906	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	196500	19.772	ug/l	98
85) sec-Butylbenzene	11.890	105	217621	18.015	ug/l	98
86) p-Isopropyltoluene	12.006	119	187058	18.836	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	97075	19.333	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	97575	19.244	ug/l	97
89) n-Butylbenzene	12.329	91	160669	17.785	ug/l	98
90) Hexachloroethane	12.536	117	26643	17.700	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	96485	19.623	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15697	18.660	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	53866	18.194	ug/l	99
94) Hexachlorobutadiene	13.725	225	18456	15.705	ug/l	98
95) Naphthalene	13.774	128	199114	19.639	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	53315	18.310	ug/l	99

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Instrument :
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Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

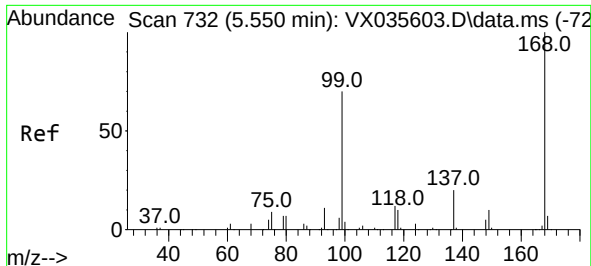
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

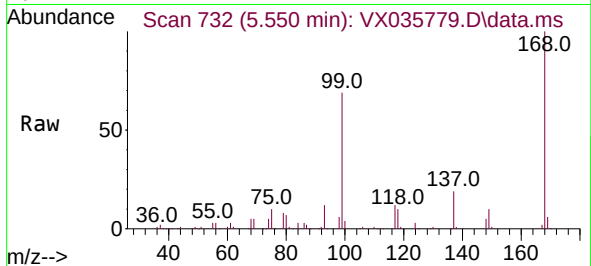
Quant Time: May 23 06:09:48 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

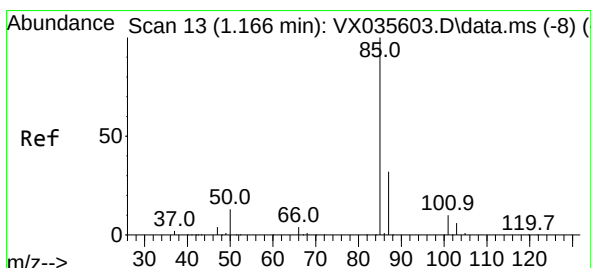
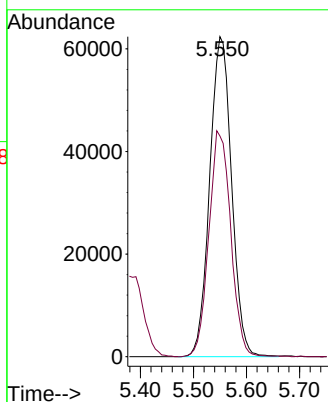
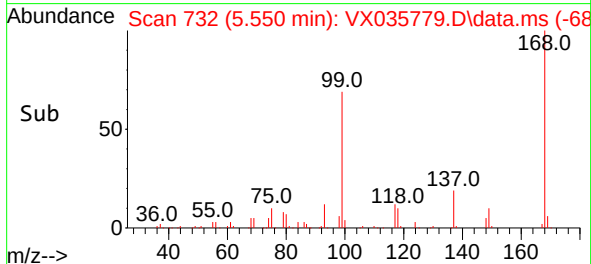
Instrument :
MSVOA_X
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VX0522MBS01



Tgt Ion:168 Resp: 178658
Ion Ratio Lower Upper
168 100
99 68.9 45.7 68.5

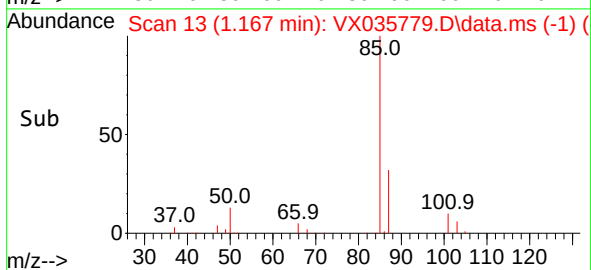
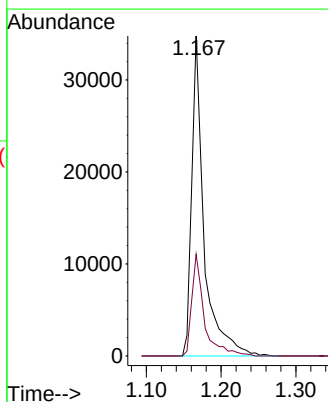
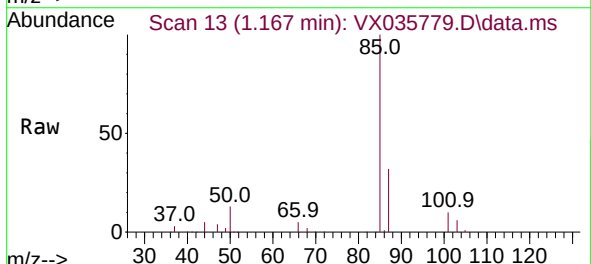
Manual Integrations
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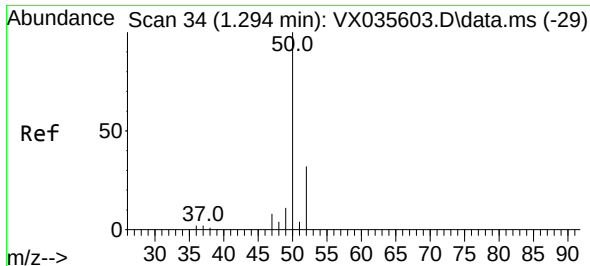
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#2
Dichlorodifluoromethane
Concen: 17.032 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Tgt Ion: 85 Resp: 39657
Ion Ratio Lower Upper
85 100
87 31.7 16.4 49.1





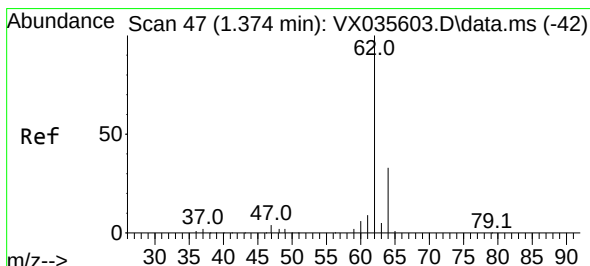
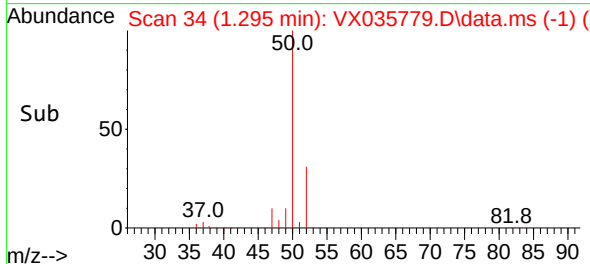
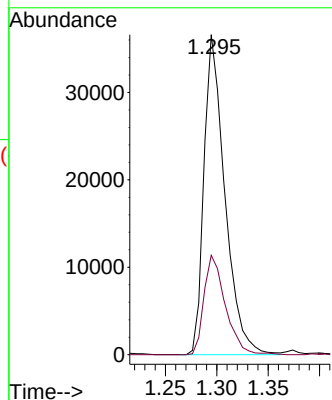
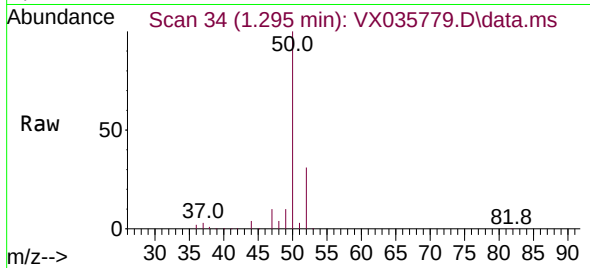
#3
Chloromethane
Concen: 18.356 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01

Tgt Ion: 50 Resp: 5186
Ion Ratio Lower Upper
50 100
52 31.1 25.9 38.9

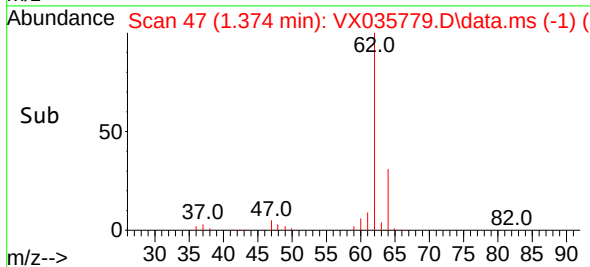
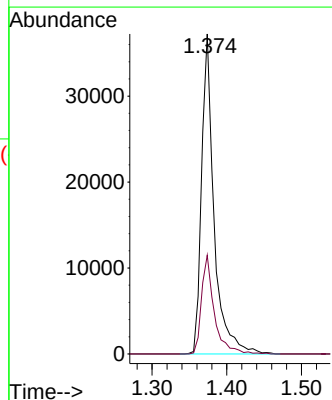
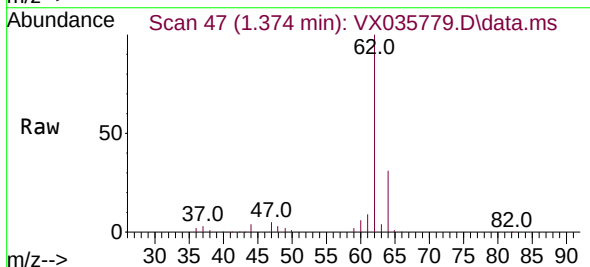
Manual Integrations
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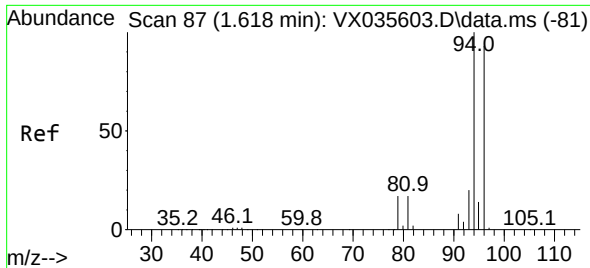
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#4
Vinyl Chloride
Concen: 17.973 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

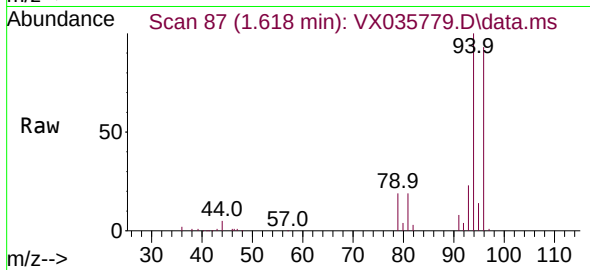
Tgt Ion: 62 Resp: 43099
Ion Ratio Lower Upper
62 100
64 30.9 26.4 39.6





#5
 Bromomethane
 Concen: 22.170 ug/l
 RT: 1.618 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VX035779.D
 Acq: 22 May 2023 13:02

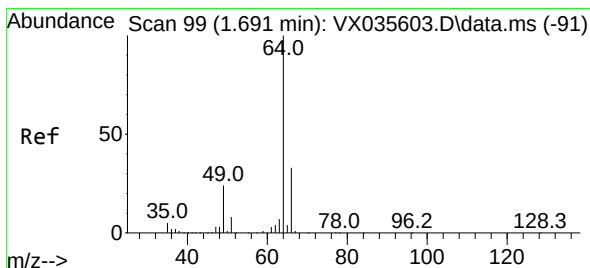
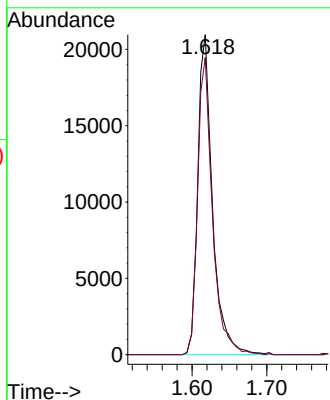
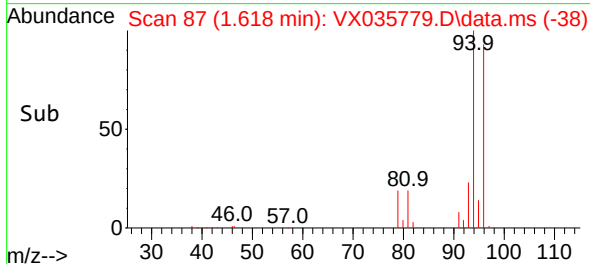
Instrument :
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Tgt Ion: 94 Resp: 28792
 Ion Ratio Lower Upper
 94 100
 96 92.9 77.0 115.6

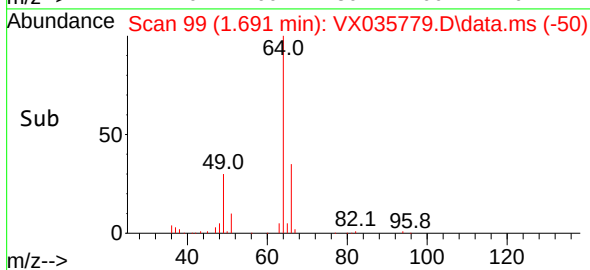
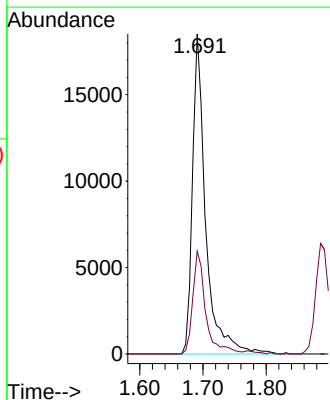
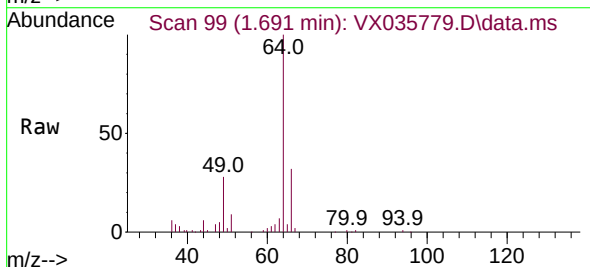
Manual Integrations
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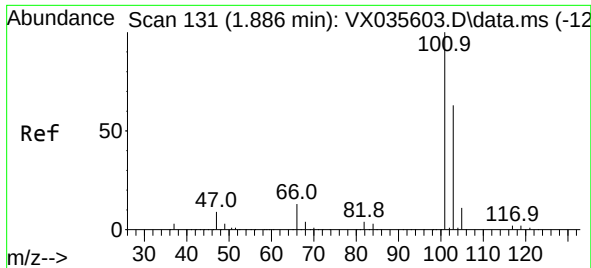
Reviewed By :John Carlone 05/23/2023
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#6
 Chloroethane
 Concen: 18.488 ug/l
 RT: 1.691 min Scan# 99
 Delta R.T. -0.000 min
 Lab File: VX035779.D
 Acq: 22 May 2023 13:02

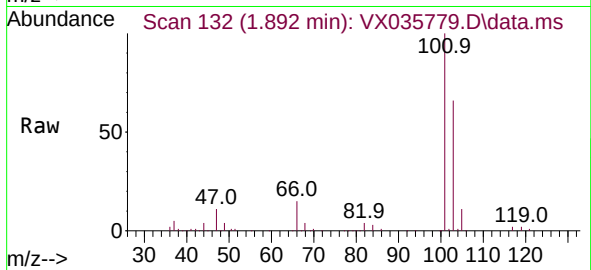
Tgt Ion: 64 Resp: 26895
 Ion Ratio Lower Upper
 64 100
 66 32.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 17.278 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

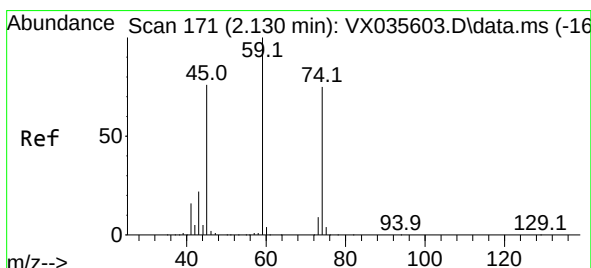
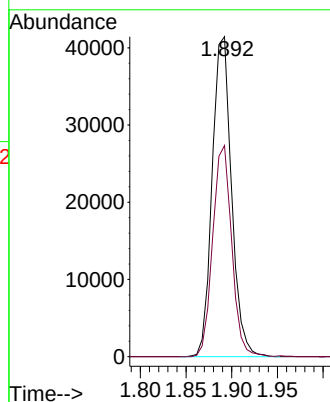
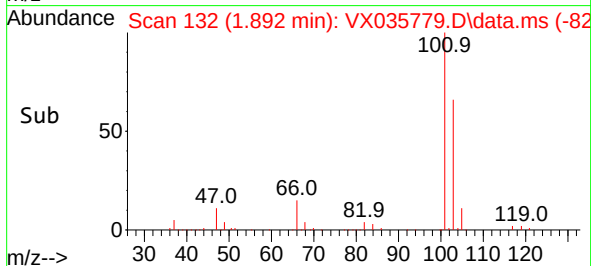
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



Tgt Ion:101 Resp: 6092
Ion Ratio Lower Upper
101 100
103 66.0 52.0 78.0

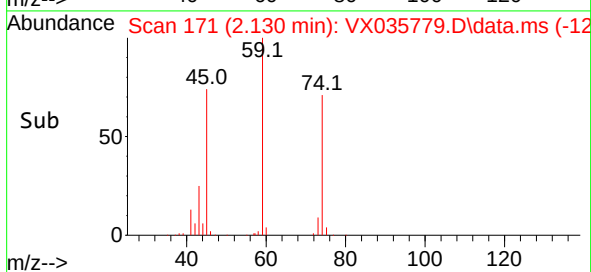
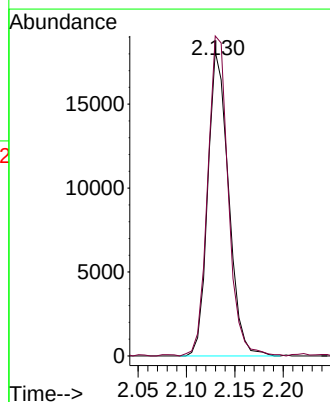
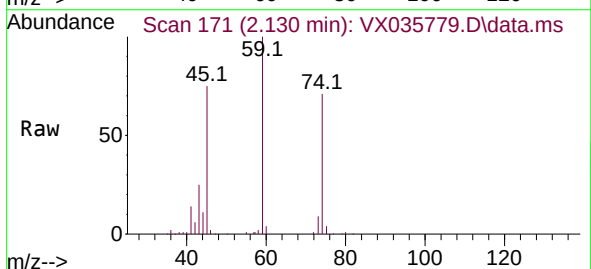
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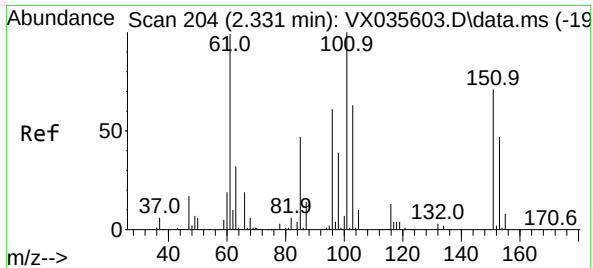
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#8
Diethyl Ether
Concen: 19.993 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Tgt Ion: 74 Resp: 27142
Ion Ratio Lower Upper
74 100
45 104.4 49.8 149.3





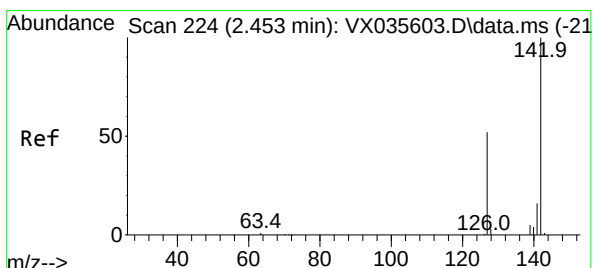
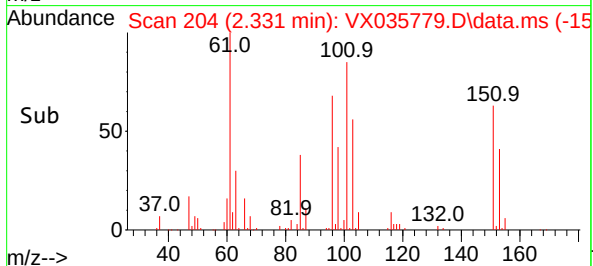
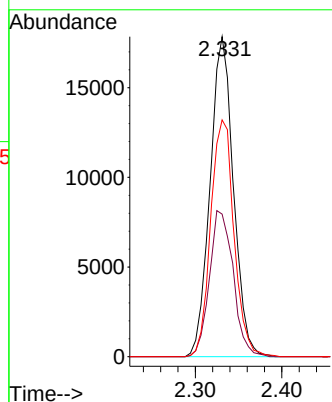
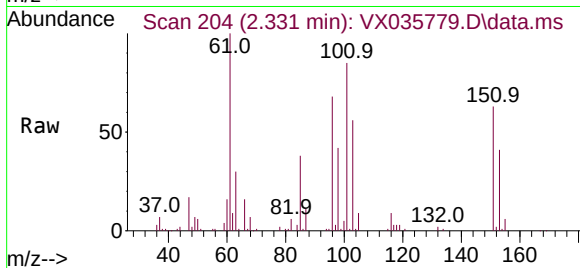
#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.963 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01

Tgt Ion:101 Resp: 3341
Ion Ratio Lower Upper
101 100
85 46.4 35.4 53.2
151 74.0 60.2 90.4

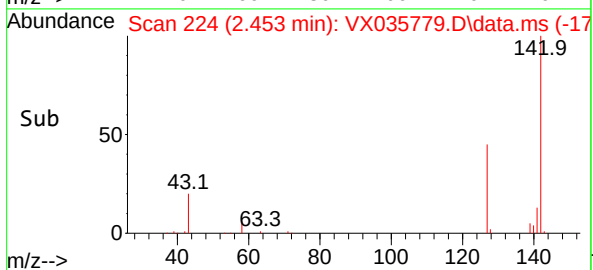
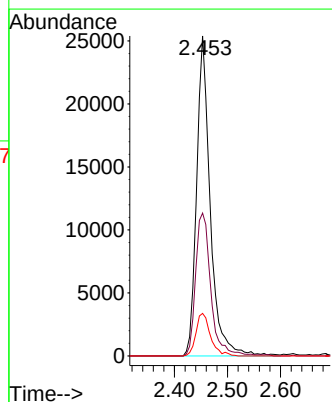
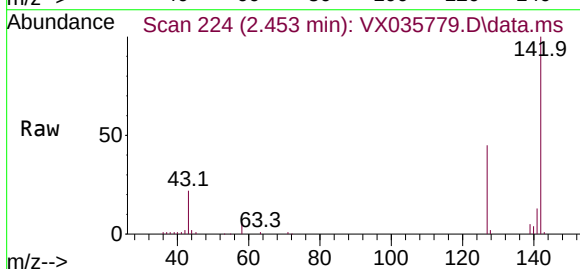
Manual Integrations
APPROVED

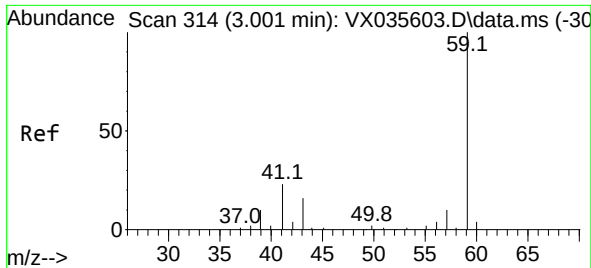
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#10
Methyl Iodide
Concen: 24.248 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

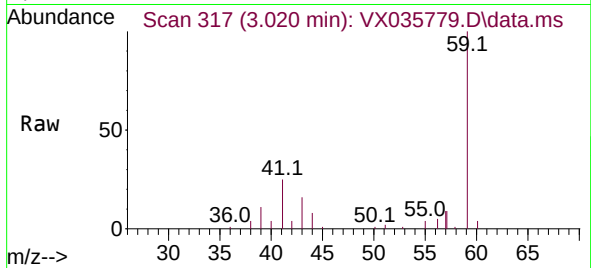
Tgt Ion:142 Resp: 45399
Ion Ratio Lower Upper
142 100
127 49.5 34.0 51.0
141 14.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 100.073 ug/l m
RT: 3.020 min Scan# 314
Delta R.T. 0.019 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

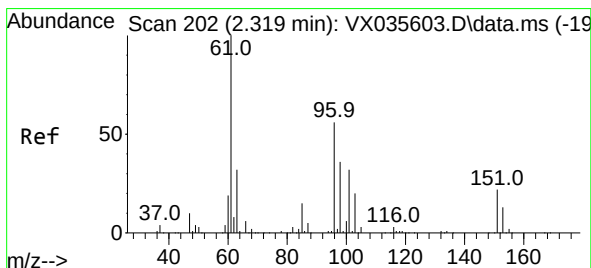
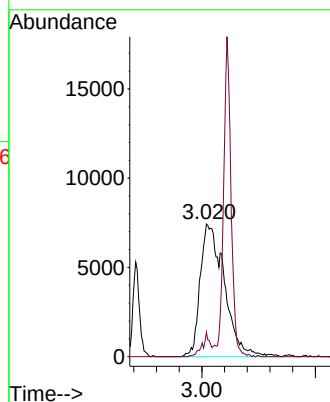
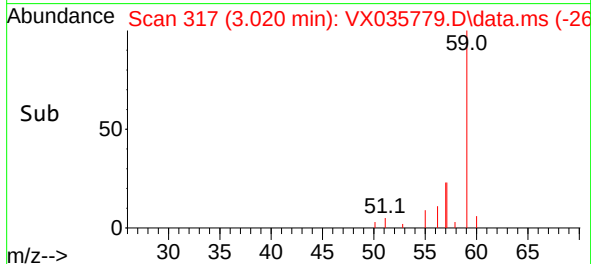
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



Tgt Ion: 59 Resp: 55028
Ion Ratio Lower Upper
59 100
57 5.6 8.1 12.1

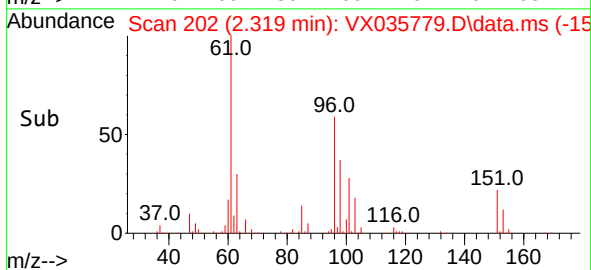
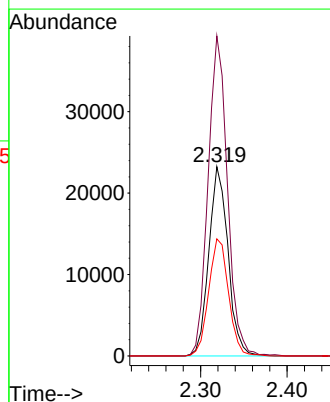
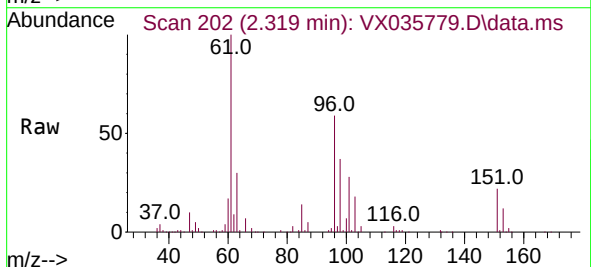
Manual Integrations
APPROVED

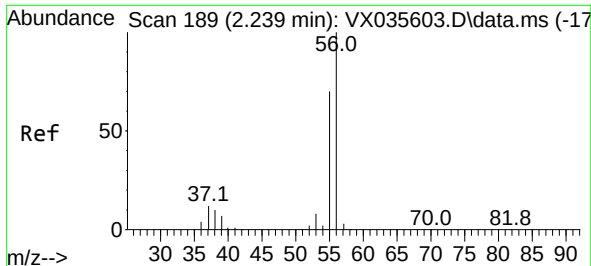
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#12
1,1-Dichloroethene
Concen: 18.010 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

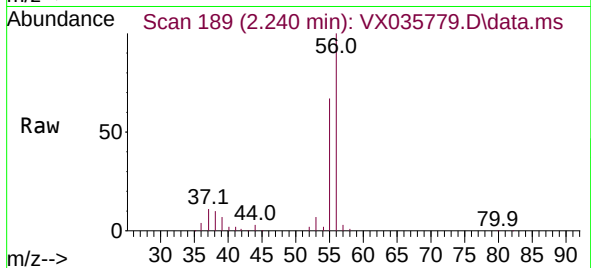
Tgt Ion: 96 Resp: 35832
Ion Ratio Lower Upper
96 100
61 169.1 128.8 193.2
98 61.9 51.4 77.0





#13
Acrolein
Concen: 91.841 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

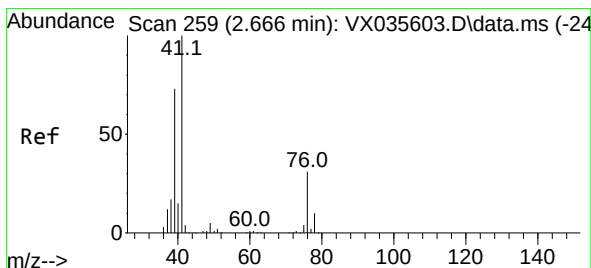
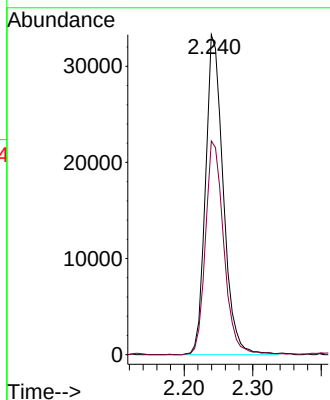
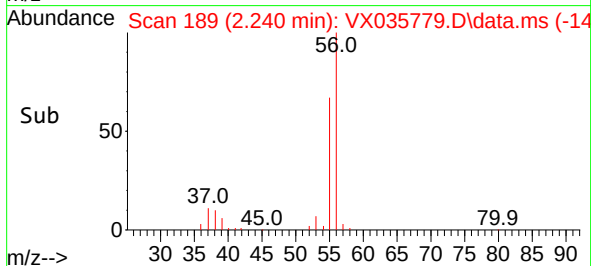
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



Tgt Ion: 56 Resp: 59939
Ion Ratio Lower Upper
56 100
55 69.2 56.6 85.0

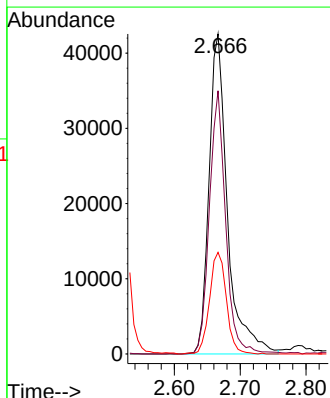
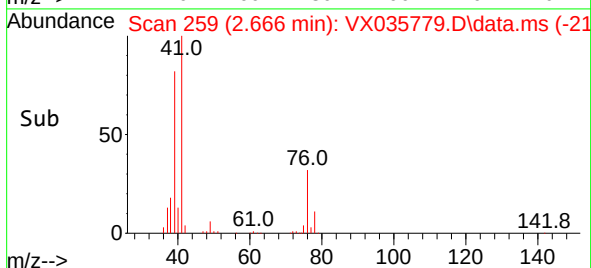
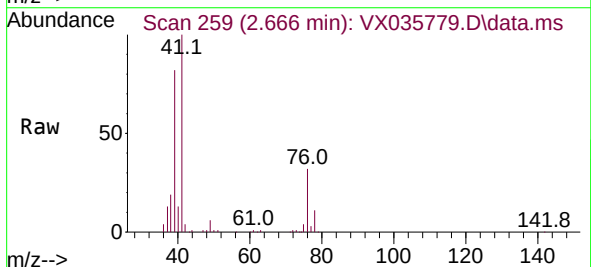
Manual Integrations
APPROVED

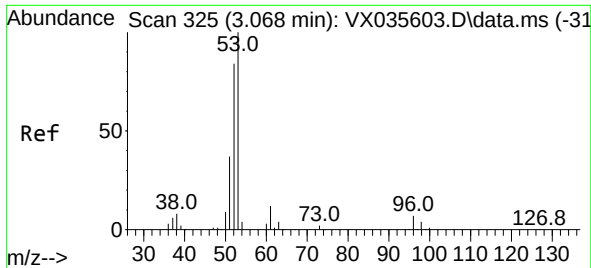
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#14
Allyl chloride
Concen: 19.508 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

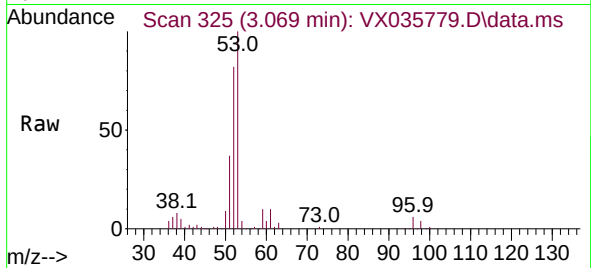
Tgt Ion: 41 Resp: 83152
Ion Ratio Lower Upper
41 100
39 72.8 52.4 78.6
76 28.8 26.0 39.0





#15
Acrylonitrile
Concen: 112.922 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

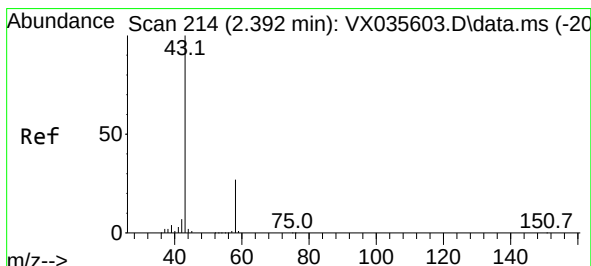
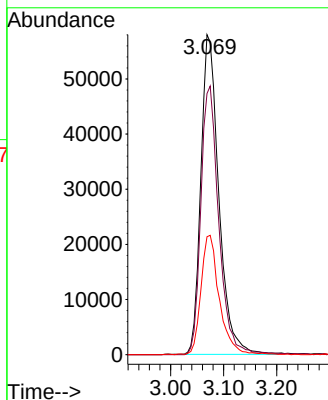
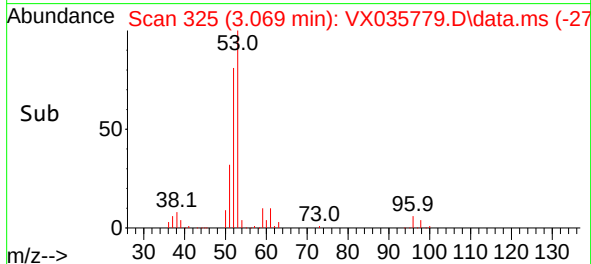
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



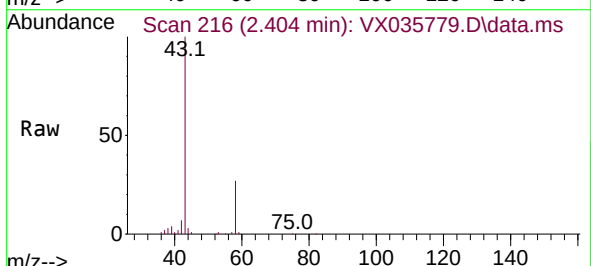
Tgt Ion: 53 Resp: 136732
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 38.2 28.3 42.5

Manual Integrations
APPROVED

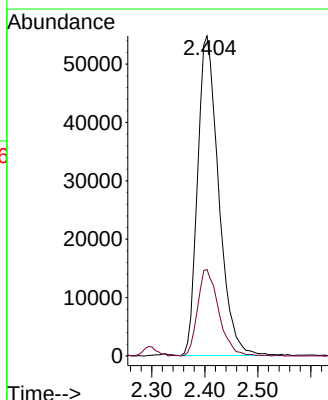
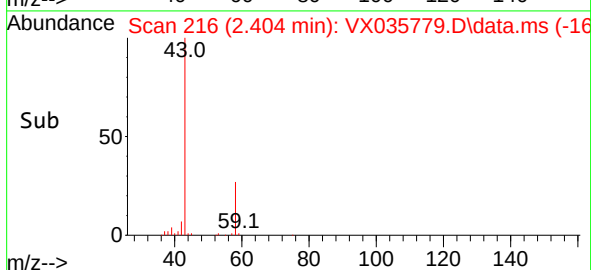
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

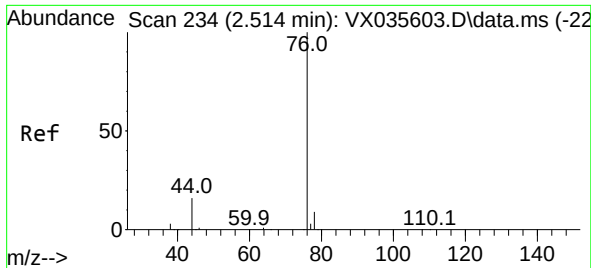


#16
Acetone
Concen: 112.738 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02



Tgt Ion: 43 Resp: 151020
Ion Ratio Lower Upper
43 100
58 26.9 24.7 37.1





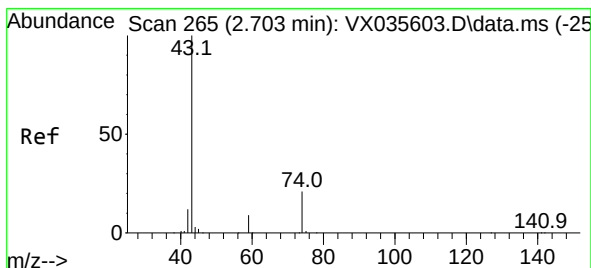
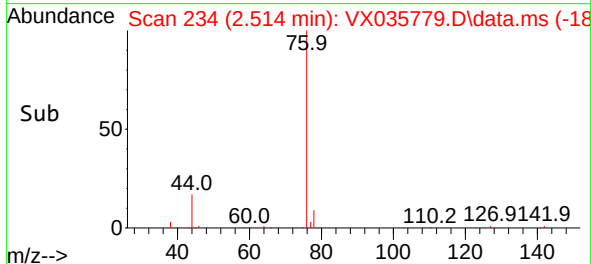
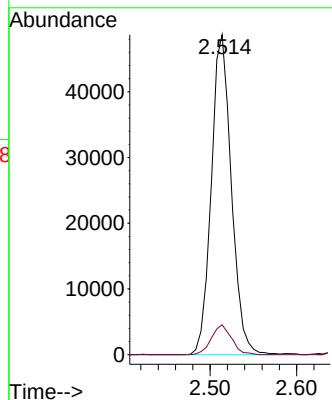
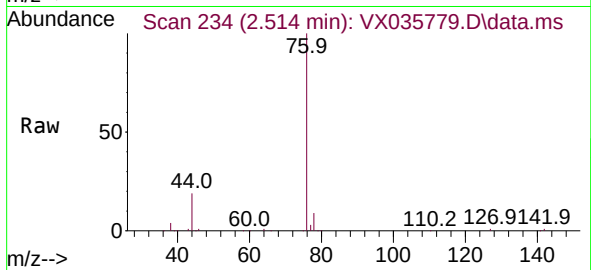
#17
Carbon Disulfide
Concen: 16.324 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01

Tgt Ion: 76 Resp: 7838
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

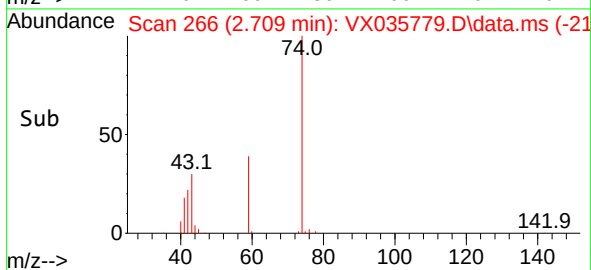
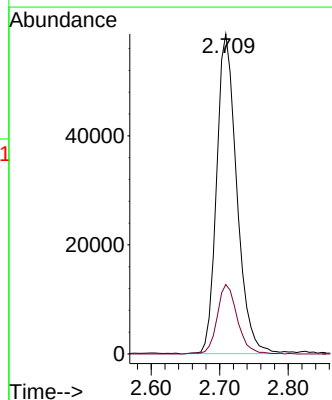
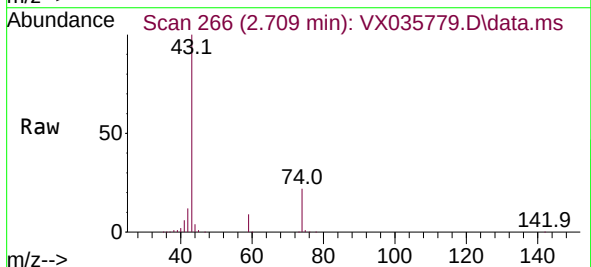
Manual Integrations
APPROVED

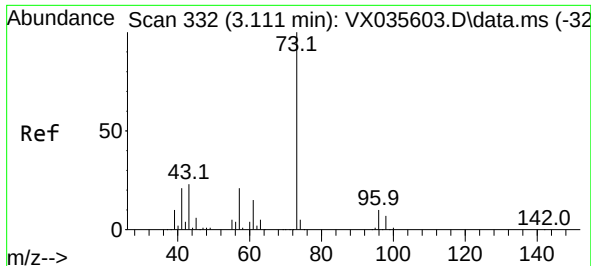
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#18
Methyl Acetate
Concen: 24.146 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Tgt Ion: 43 Resp: 119288
Ion Ratio Lower Upper
43 100
74 21.8 18.3 27.5





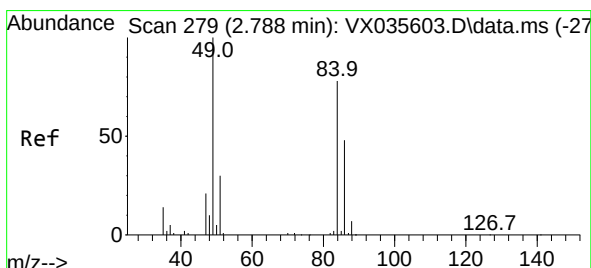
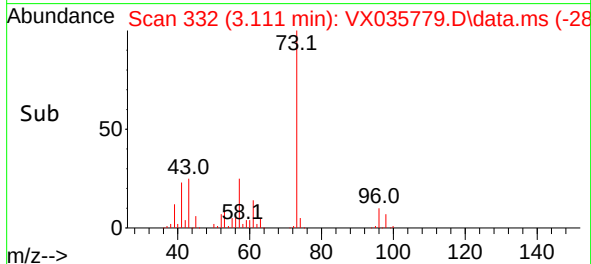
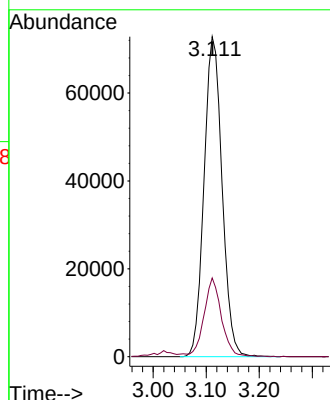
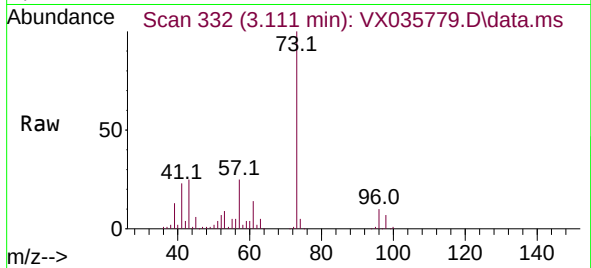
#19
Methyl tert-butyl Ether
Concen: 21.702 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01

Tgt Ion: 73 Resp: 171818
Ion Ratio Lower Upper
73 100
57 24.6 18.5 27.7

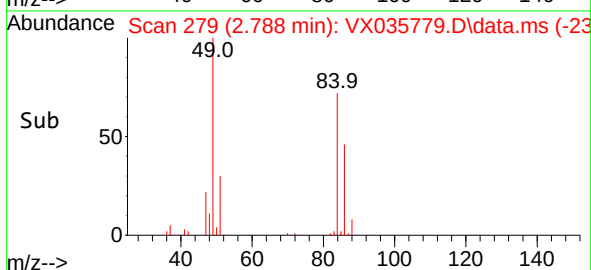
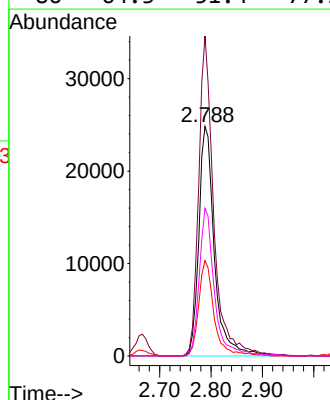
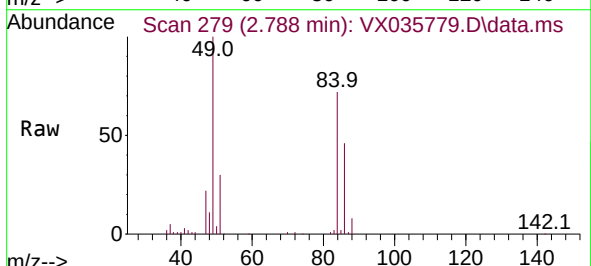
Manual Integrations
APPROVED

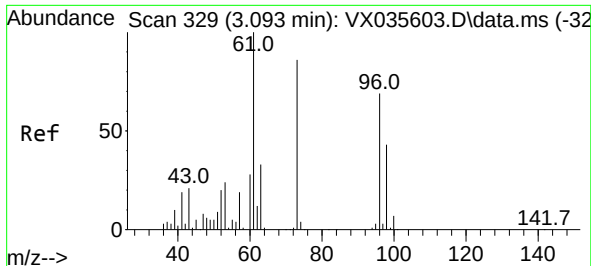
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#20
Methylene Chloride
Concen: 21.582 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

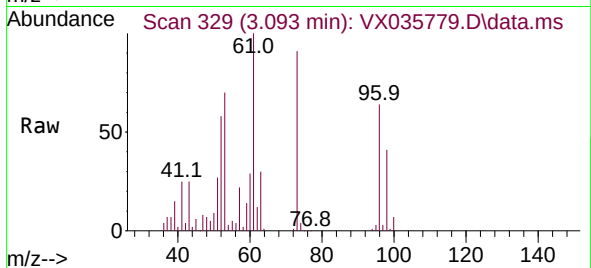
Tgt Ion: 84 Resp: 52396
Ion Ratio Lower Upper
84 100
49 139.5 103.8 155.8
51 41.5 31.8 47.8
86 64.3 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 19.952 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

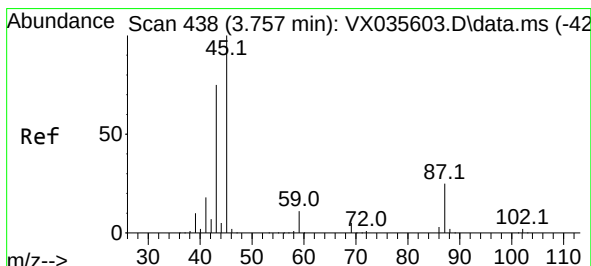
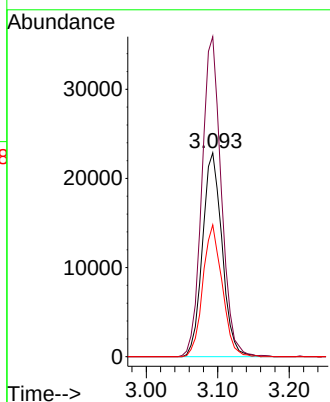
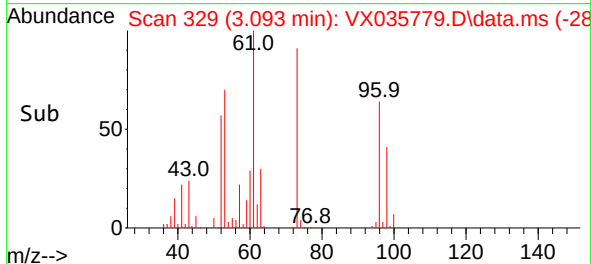
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



Tgt Ion: 96 Resp: 43498
Ion Ratio Lower Upper
96 100
61 156.9 113.0 169.6
98 64.7 52.1 78.1

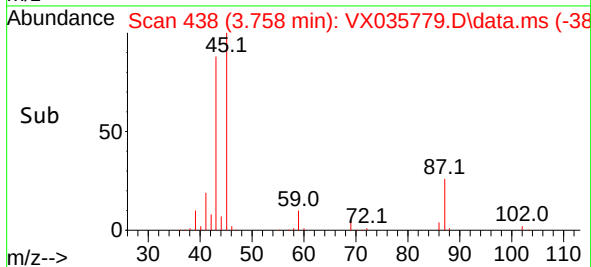
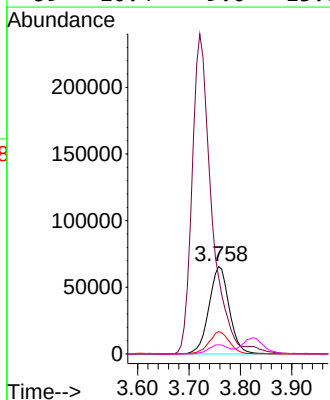
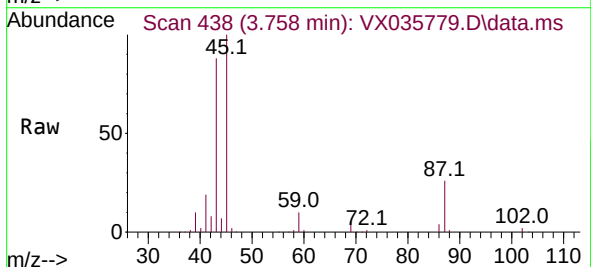
Manual Integrations
APPROVED

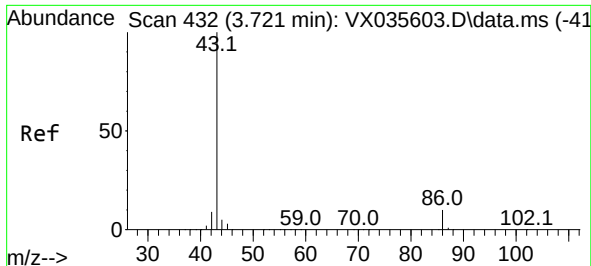
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#22
Diisopropyl ether
Concen: 21.551 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.001 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

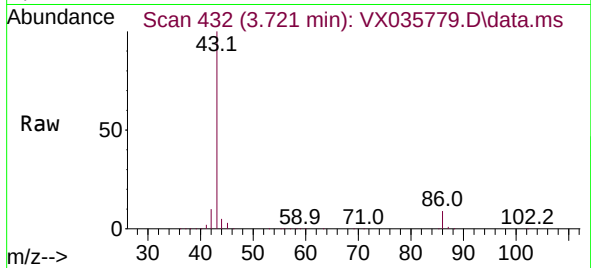
Tgt Ion: 45 Resp: 179856
Ion Ratio Lower Upper
45 100
43 86.4 65.4 98.2
87 25.5 20.6 31.0
59 10.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 109.210 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035779.D
 Acq: 22 May 2023 13:02

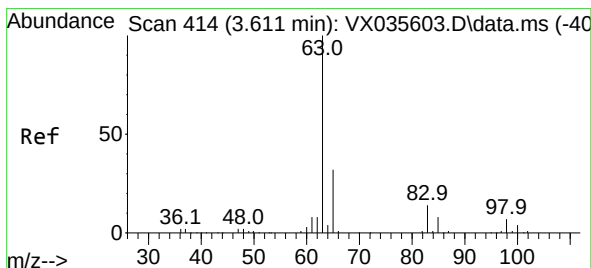
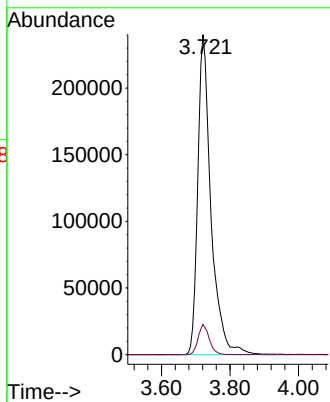
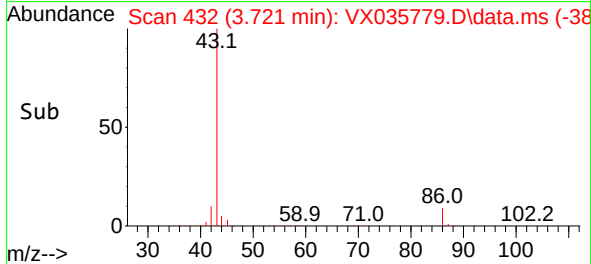
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBS01



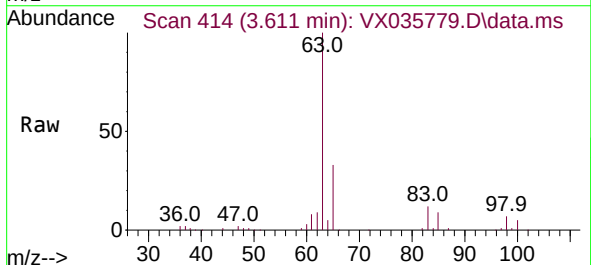
Tgt Ion: 43 Resp: 64488
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.5 12.7

Manual Integrations
 APPROVED

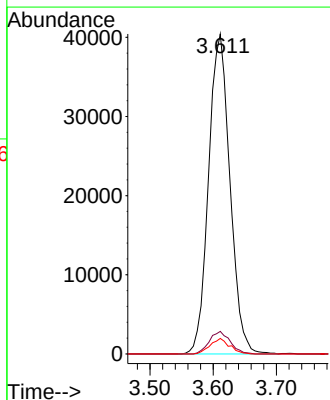
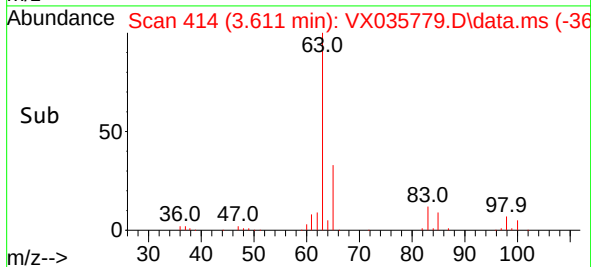
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023

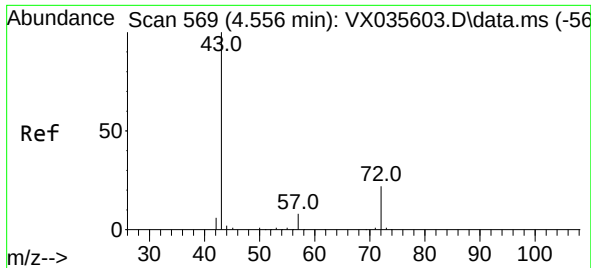


#24
 1,1-Dichloroethane
 Concen: 21.272 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035779.D
 Acq: 22 May 2023 13:02



Tgt Ion: 63 Resp: 94945
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.8 2.4 7.1





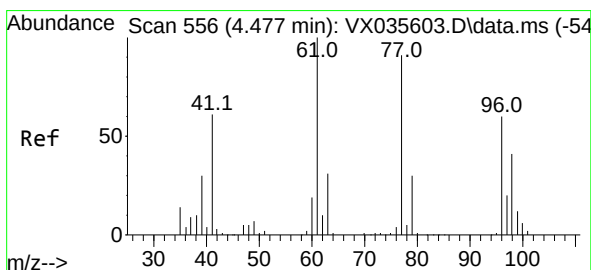
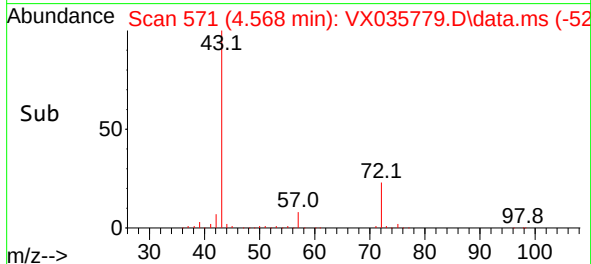
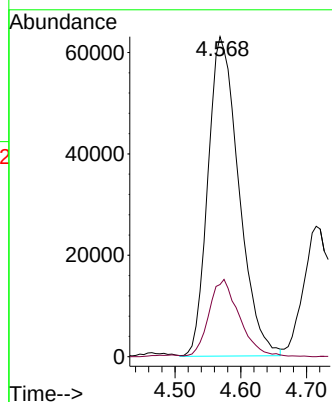
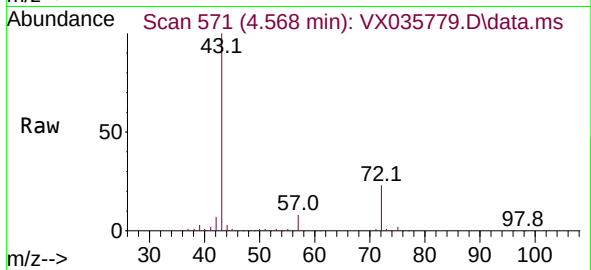
#25
2-Butanone
Concen: 111.188 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01

Tgt Ion: 43 Resp: 206180
Ion Ratio Lower Upper
43 100
72 22.3 19.3 28.9

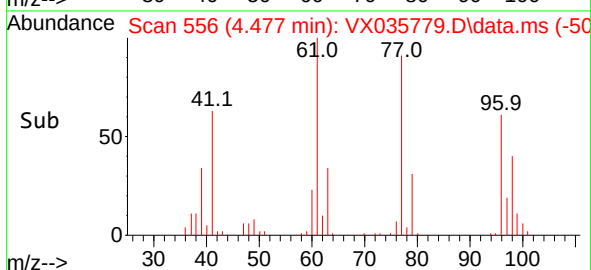
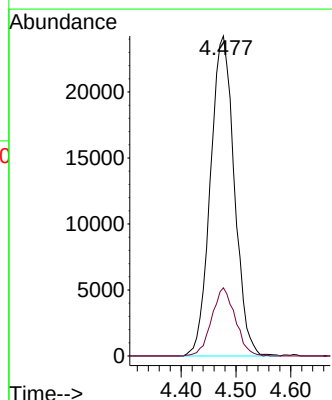
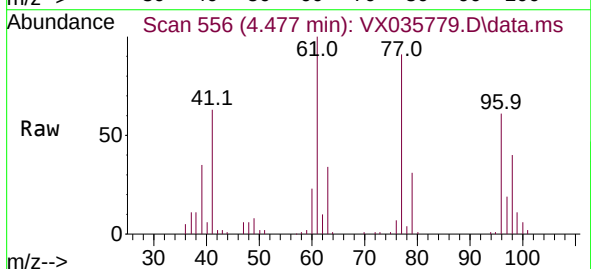
Manual Integrations
APPROVED

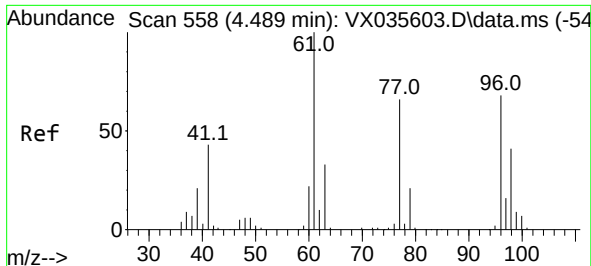
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#26
2,2-Dichloropropane
Concen: 19.436 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Tgt Ion: 77 Resp: 73461
Ion Ratio Lower Upper
77 100
97 21.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.175 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX035779.D

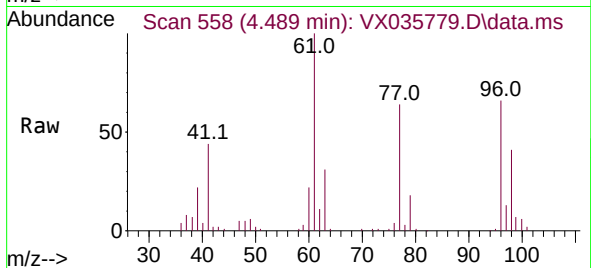
Acq: 22 May 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS01



Tgt Ion: 96 Resp: 5549

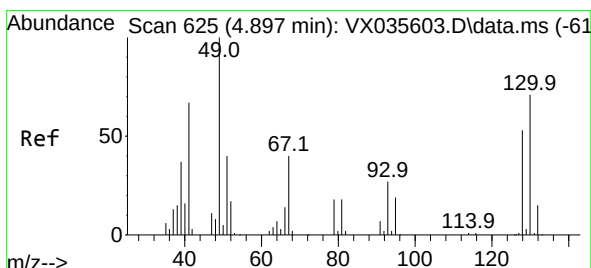
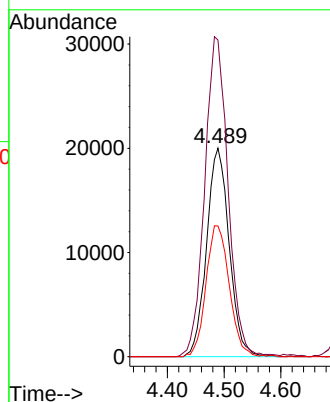
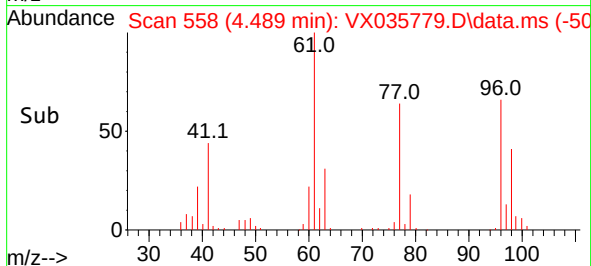
Ion	Ratio	Lower	Upper
96	100		
61	158.4	0.0	300.4
98	64.5	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#28

Bromochloromethane

Concen: 24.570 ug/l

RT: 4.898 min Scan# 625

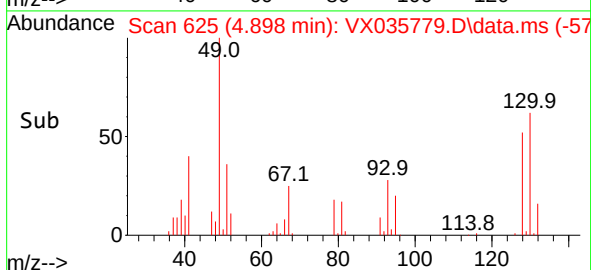
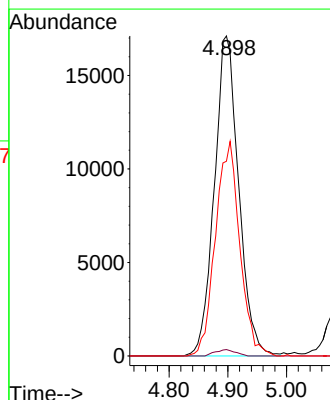
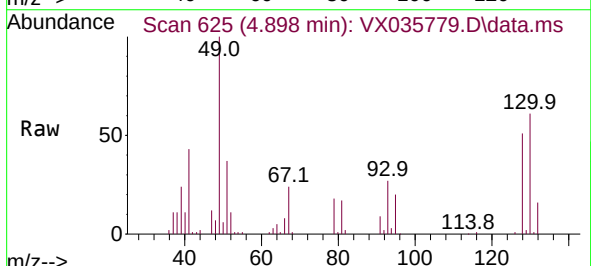
Delta R.T. 0.001 min

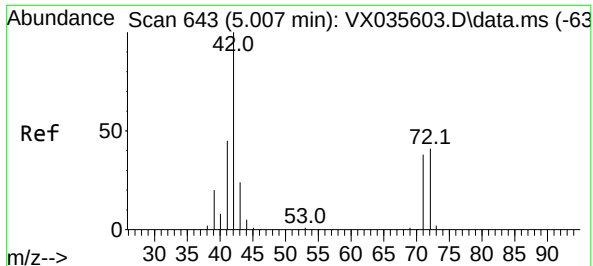
Lab File: VX035779.D

Acq: 22 May 2023 13:02

Tgt Ion: 49 Resp: 49327

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	66.9	58.2	87.2





#29

Tetrahydrofuran

Concen: 110.422 ug/l

RT: 5.026 min Scan# 643

Delta R.T. 0.019 min

Lab File: VX035779.D

Acq: 22 May 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS01

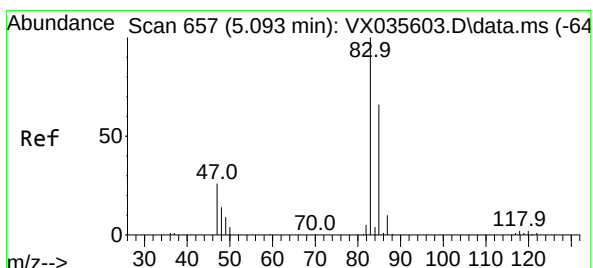
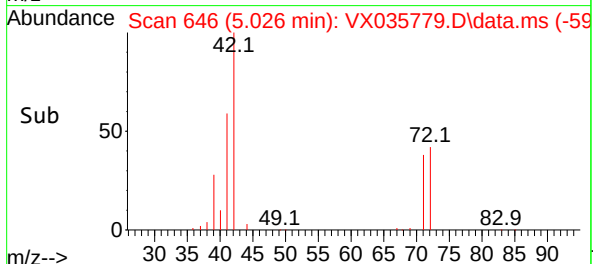
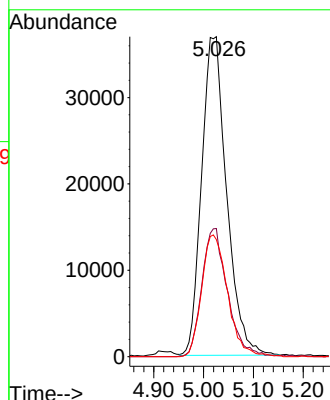
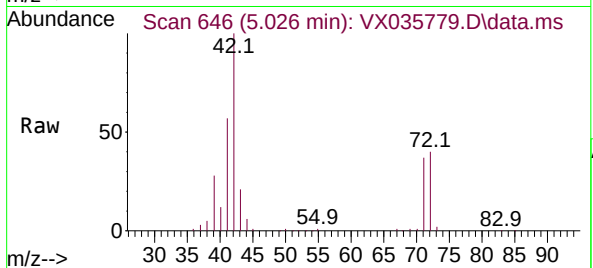
Tgt Ion: 42 Resp: 128702
 Ion Ratio Lower Upper
 42 100
 72 41.1 34.5 51.7
 71 39.6 32.1 48.1

Manual Integrations

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Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#30

Chloroform

Concen: 21.333 ug/l

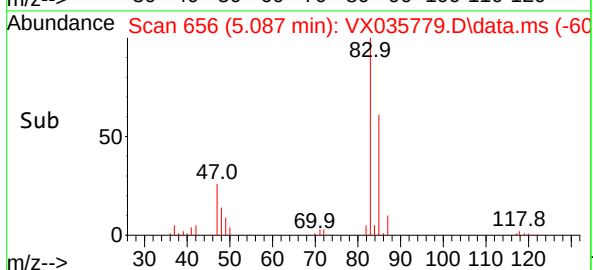
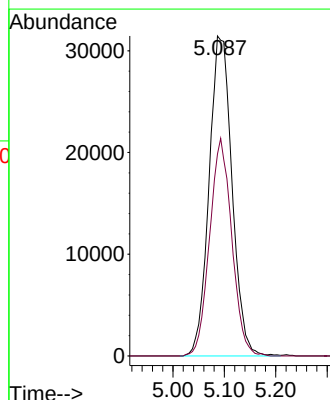
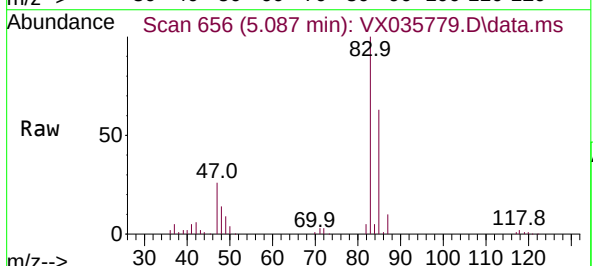
RT: 5.087 min Scan# 656

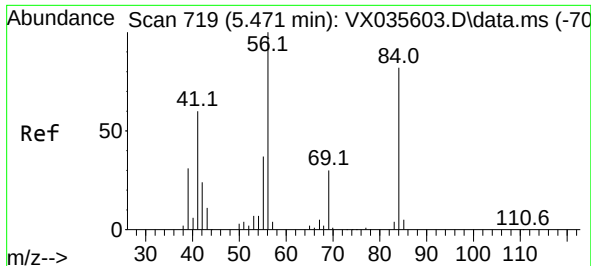
Delta R.T. -0.006 min

Lab File: VX035779.D

Acq: 22 May 2023 13:02

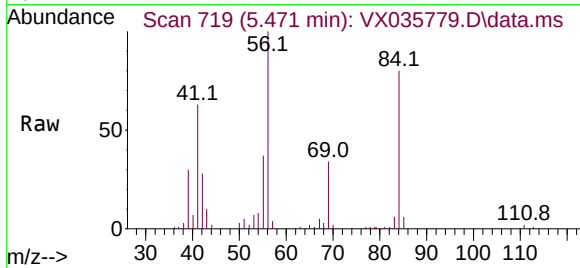
Tgt Ion: 83 Resp: 97569
 Ion Ratio Lower Upper
 83 100
 85 63.1 50.6 76.0





#31
Cyclohexane
Concen: 17.144 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

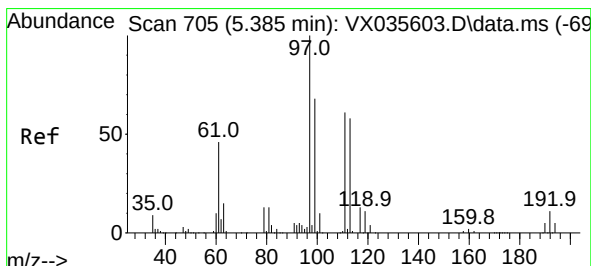
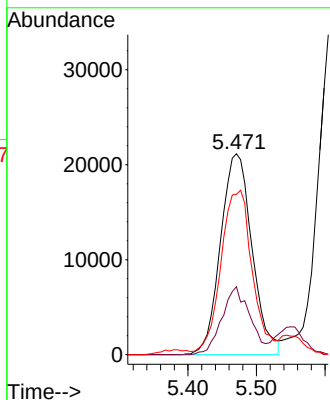
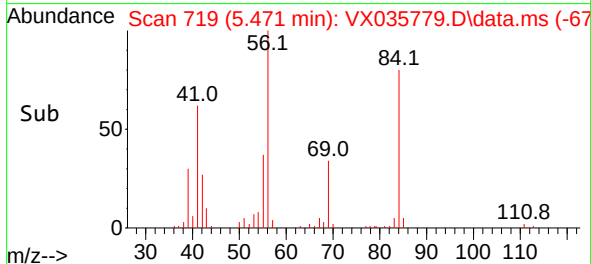
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



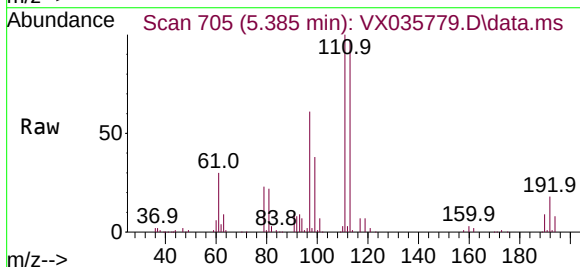
Tgt Ion: 56 Resp: 67510
Ion Ratio Lower Upper
56 100
69 33.9 23.7 35.5
84 77.3 68.5 102.7

Manual Integrations
APPROVED

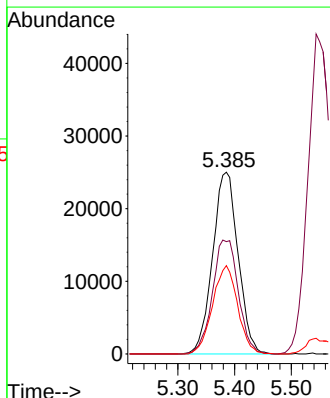
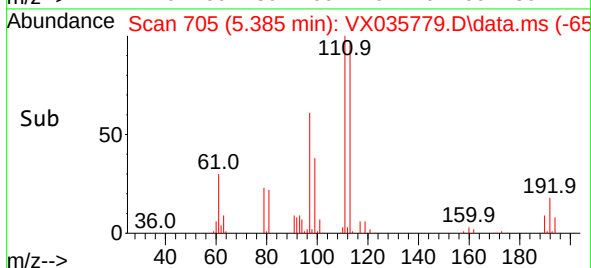
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

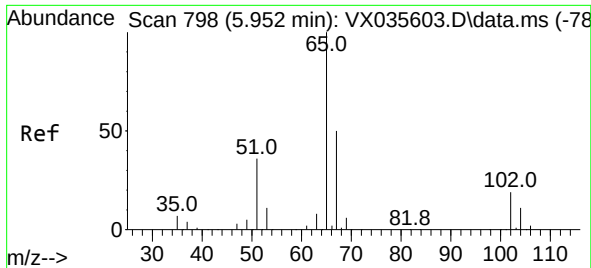


#32
1,1,1-Trichloroethane
Concen: 19.612 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02



Tgt Ion: 97 Resp: 78045
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 47.9 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 55.352 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035779.D

Acq: 22 May 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS01

Tgt Ion: 65 Resp: 172519

Ion Ratio Lower Upper

65 100

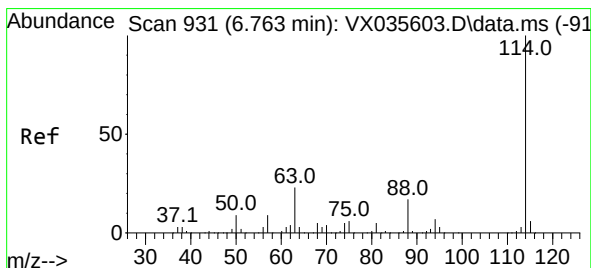
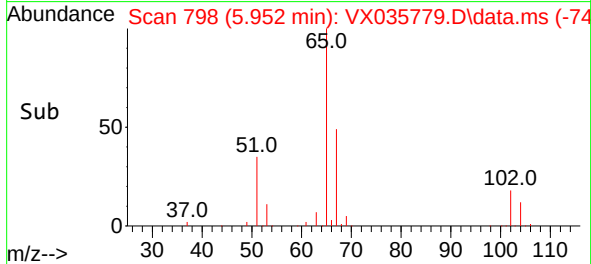
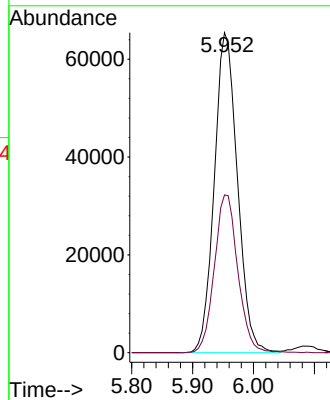
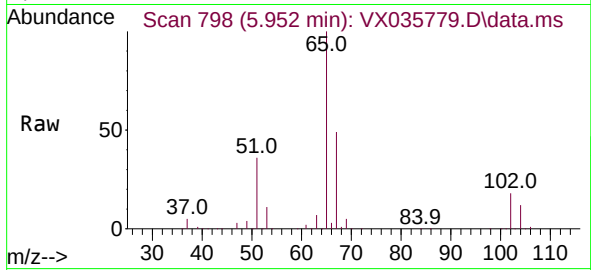
67 50.0 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035779.D

Acq: 22 May 2023 13:02

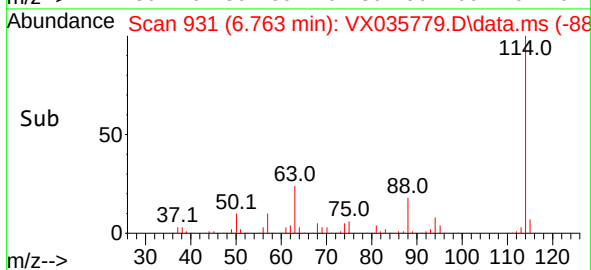
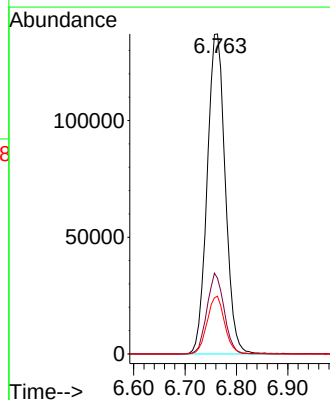
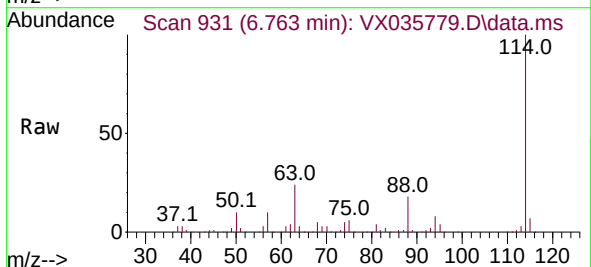
Tgt Ion:114 Resp: 335248

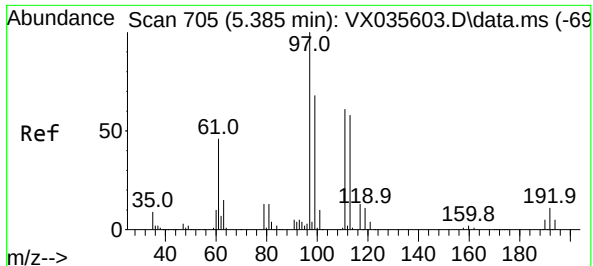
Ion Ratio Lower Upper

114 100

63 23.7 0.0 42.2

88 18.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.789 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035779.D

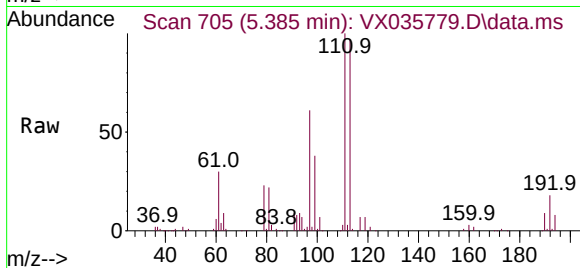
Acq: 22 May 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS01



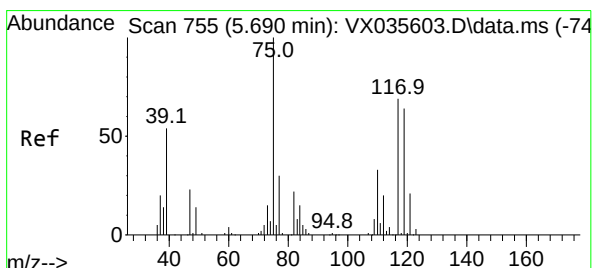
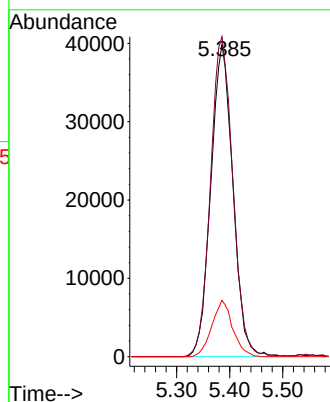
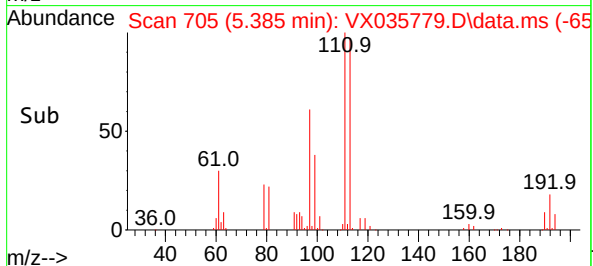
Tgt Ion:	113	Resp:	114828
Ion Ratio	Lower	Upper	
113	100		
111	104.0	83.7	125.5
192	17.1	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#36

1,1-Dichloropropene

Concen: 17.945 ug/l

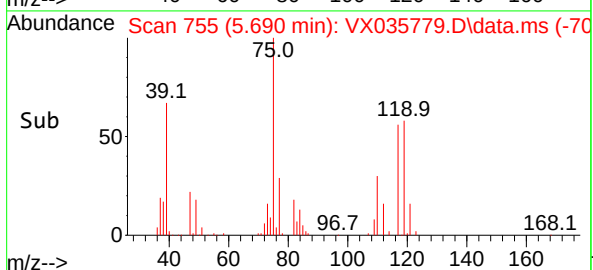
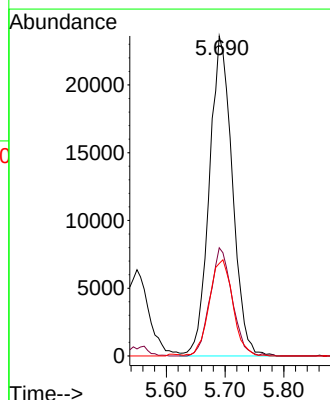
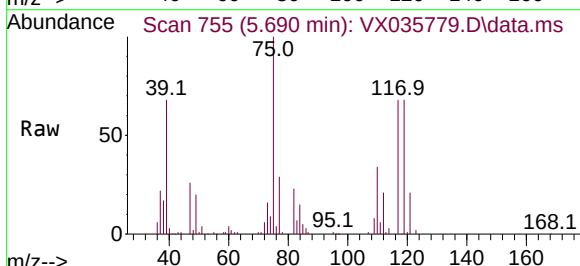
RT: 5.690 min Scan# 755

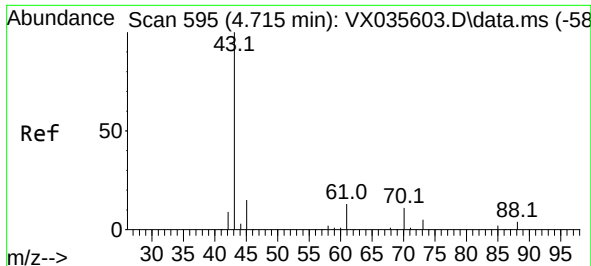
Delta R.T. 0.000 min

Lab File: VX035779.D

Acq: 22 May 2023 13:02

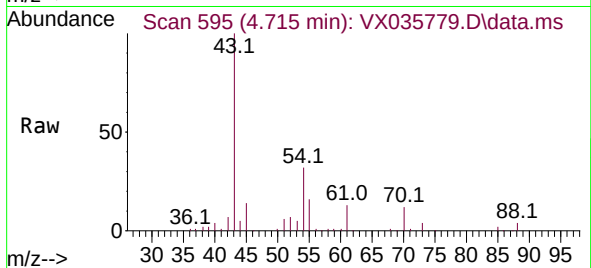
Tgt Ion:	75	Resp:	64040
Ion Ratio	Lower	Upper	
75	100		
110	32.4	17.5	52.5
77	30.9	24.3	36.5





#37
Ethyl Acetate
Concen: 21.318 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

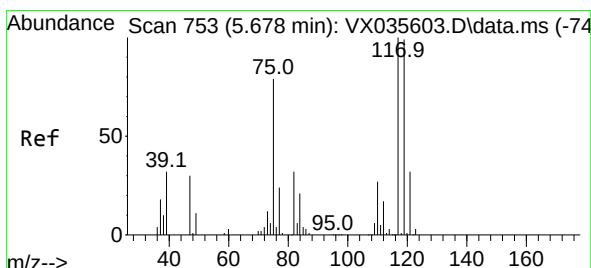
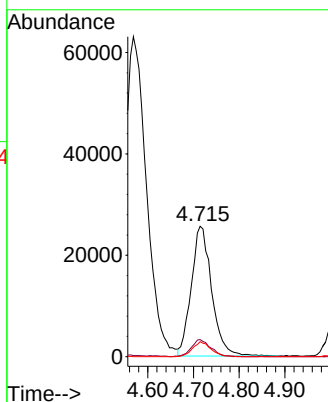
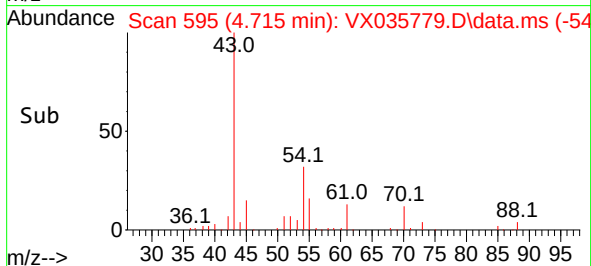
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



Tgt Ion: 43 Resp: 7935
Ion Ratio Lower Upper
43 100
61 12.5 10.2 15.4
70 10.3 8.2 12.4

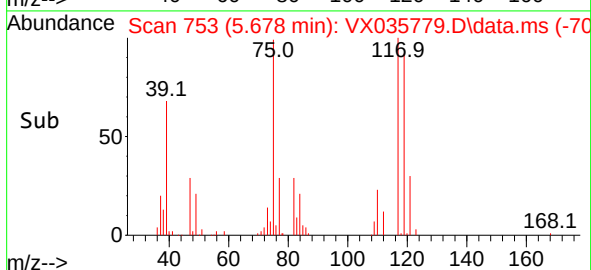
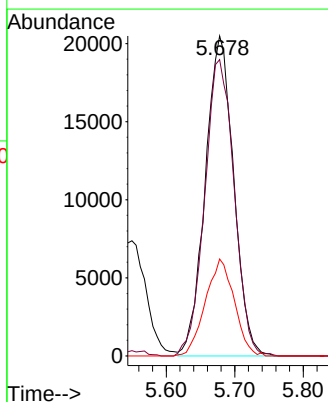
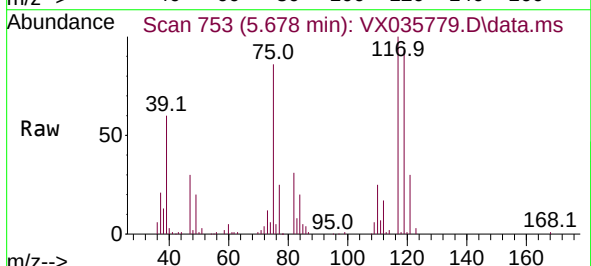
Manual Integrations
APPROVED

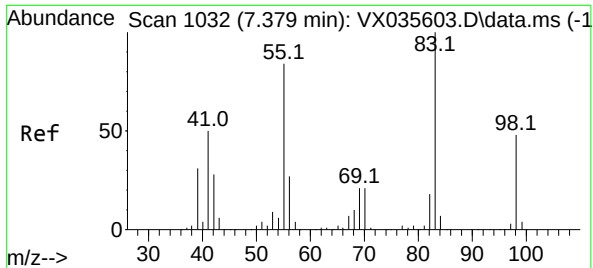
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#38
Carbon Tetrachloride
Concen: 17.472 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Tgt Ion:117 Resp: 59066
Ion Ratio Lower Upper
117 100
119 92.6 76.6 114.8
121 30.3 23.8 35.6





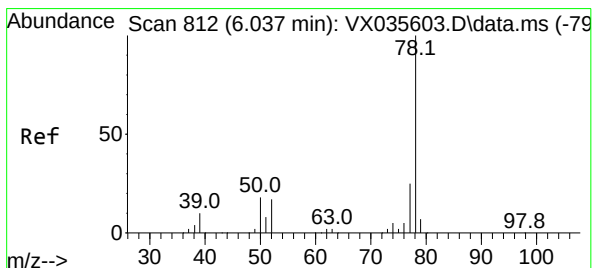
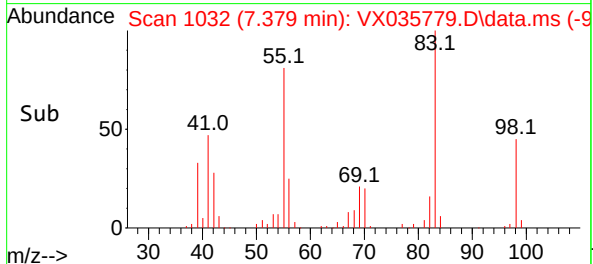
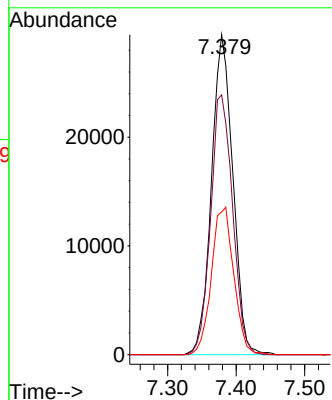
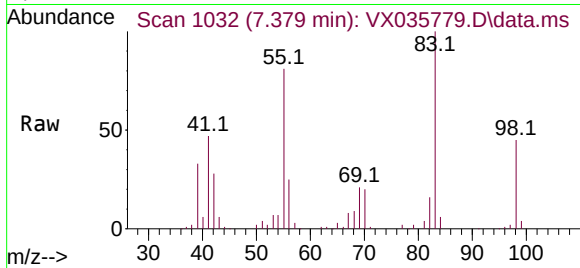
#39
Methylcyclohexane
Concen: 15.161 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01

Tgt Ion: 83 Resp: 63689
Ion Ratio Lower Upper
83 100
55 81.2 60.5 90.7
98 44.6 40.4 60.6

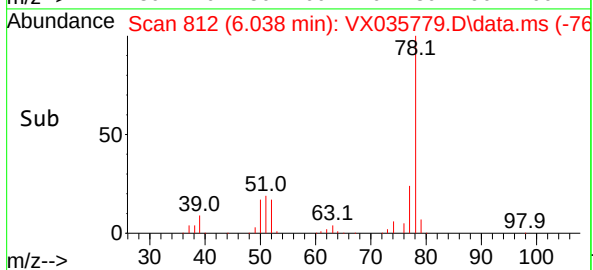
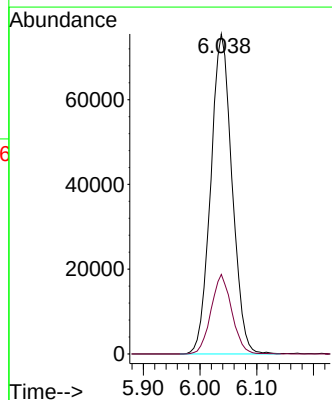
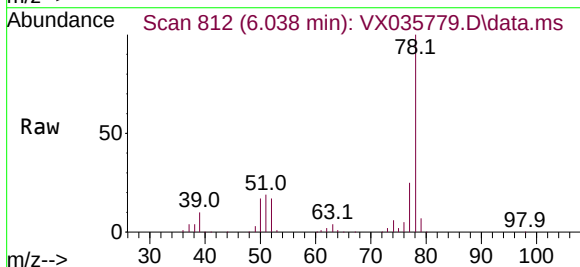
Manual Integrations
APPROVED

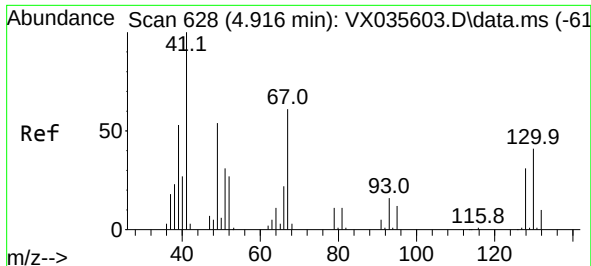
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#40
Benzene
Concen: 19.731 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

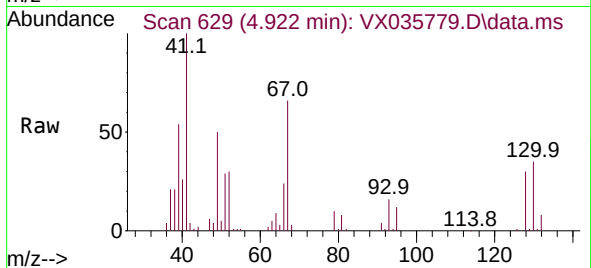
Tgt Ion: 78 Resp: 196986
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.4





#41
Methacrylonitrile
Concen: 21.207 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

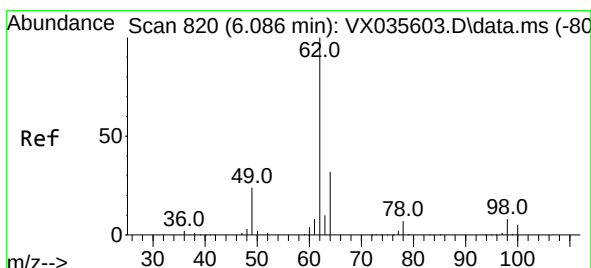
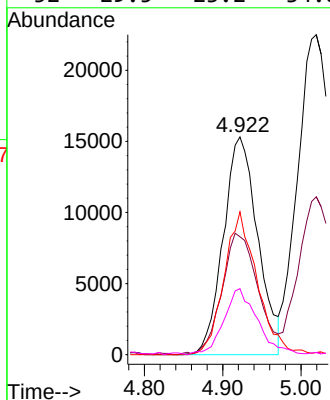
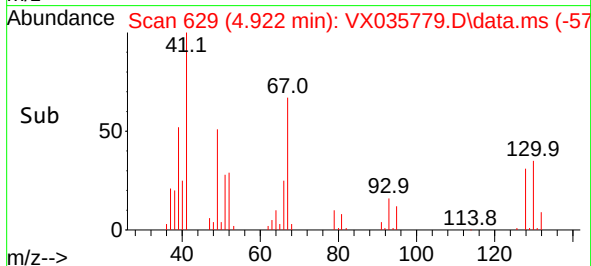
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



Tgt Ion: 41 Resp: 46870
Ion Ratio Lower Upper
41 100
39 58.1 45.0 67.6
67 63.0 55.6 83.4
52 29.5 23.2 34.8

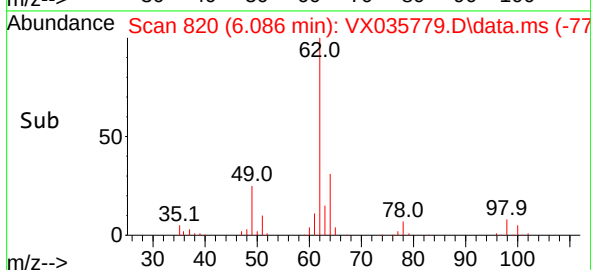
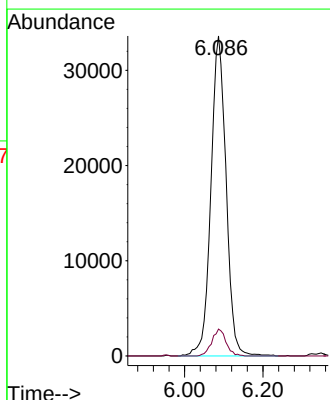
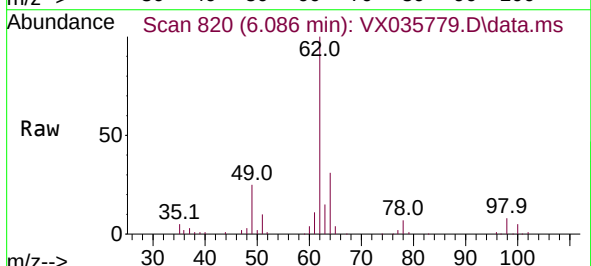
Manual Integrations
APPROVED

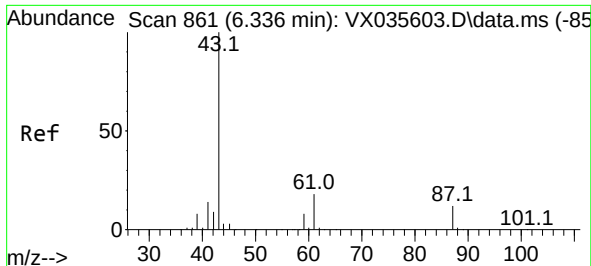
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#42
1,2-Dichloroethane
Concen: 21.036 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

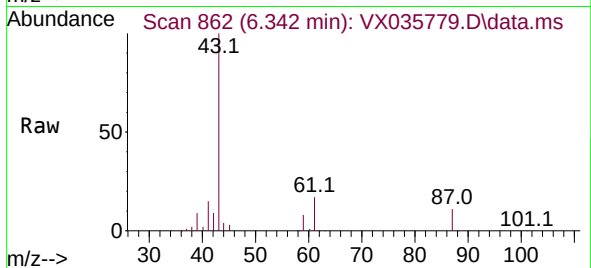
Tgt Ion: 62 Resp: 90341
Ion Ratio Lower Upper
62 100
98 7.9 0.0 18.0





#43
Isopropyl Acetate
Concen: 20.586 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

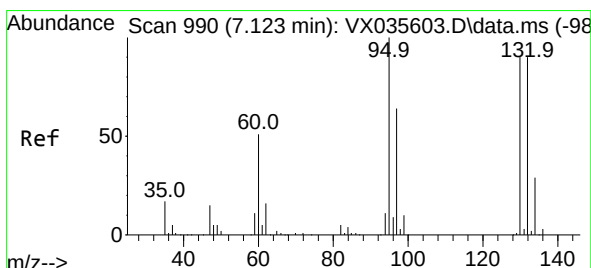
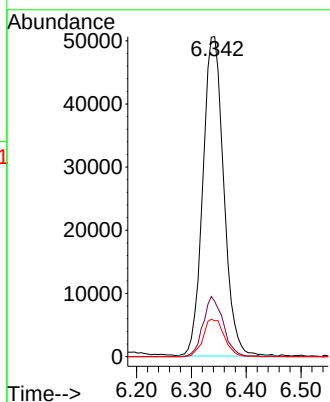
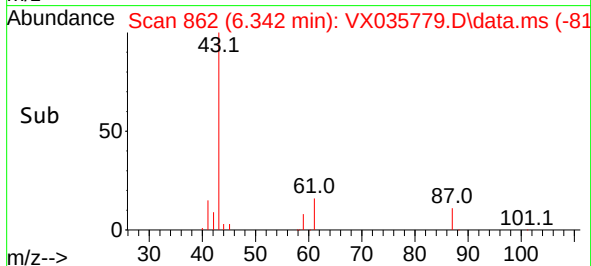
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



Tgt Ion: 43 Resp: 133620
Ion Ratio Lower Upper
43 100
61 18.2 15.2 22.8
87 11.9 9.8 14.8

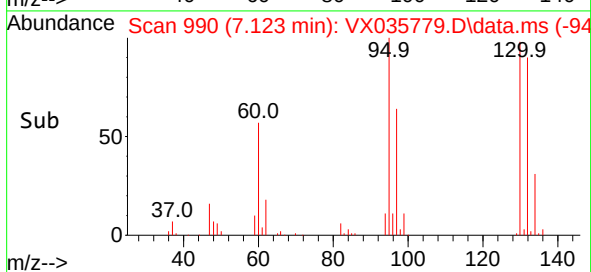
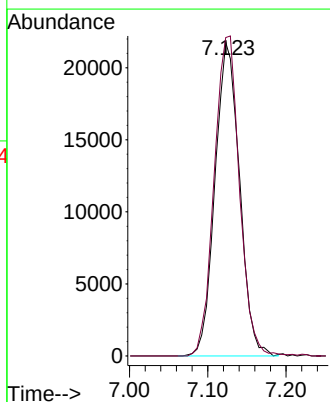
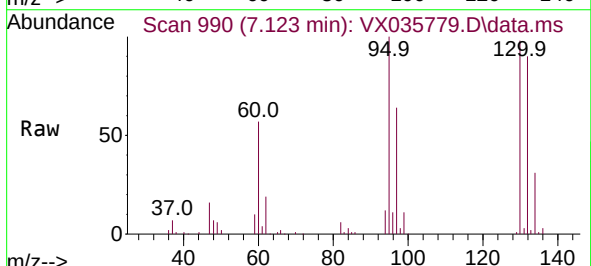
Manual Integrations
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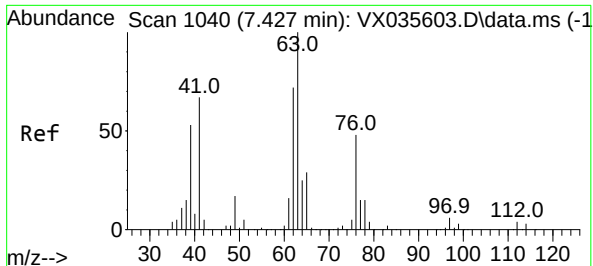
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#44
Trichloroethene
Concen: 18.711 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Tgt Ion:130 Resp: 47367
Ion Ratio Lower Upper
130 100
95 101.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 20.624 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035779.D

Acq: 22 May 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS01

Tgt Ion: 63 Resp: 5453

Ion Ratio Lower Upper

63 100

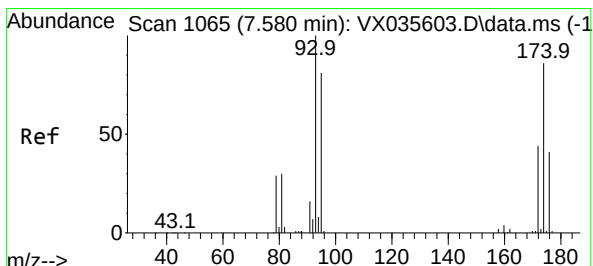
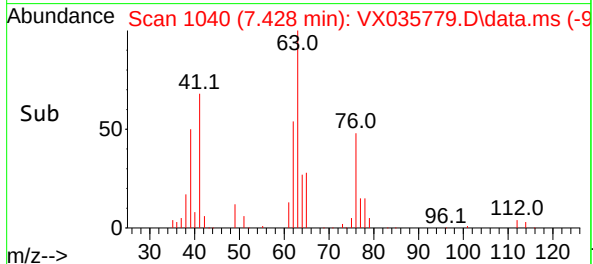
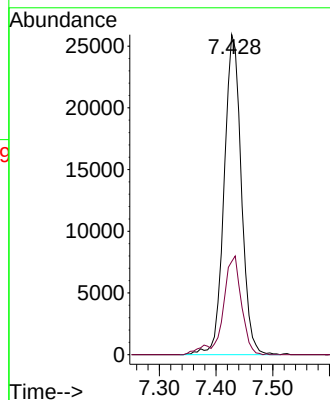
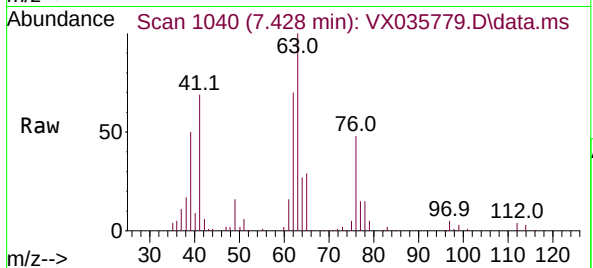
65 29.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#46

Dibromomethane

Concen: 20.478 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035779.D

Acq: 22 May 2023 13:02

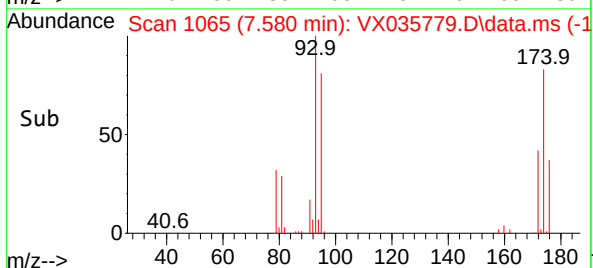
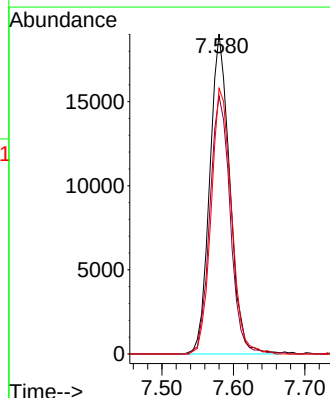
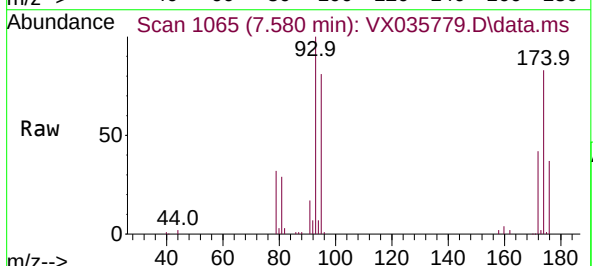
Tgt Ion: 93 Resp: 37064

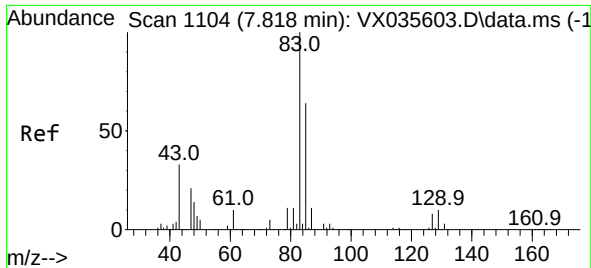
Ion Ratio Lower Upper

93 100

95 82.0 66.9 100.3

174 84.1 75.4 113.0





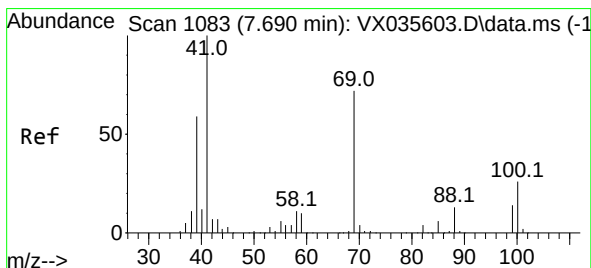
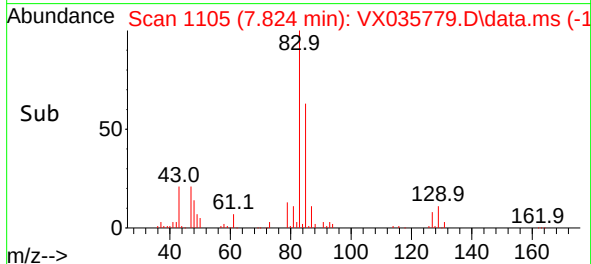
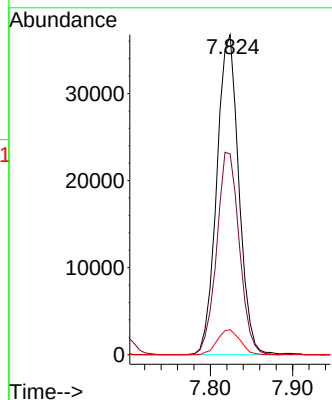
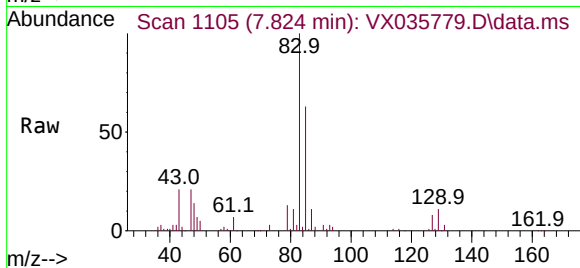
#47
Bromodichloromethane
Concen: 19.585 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01

Tgt Ion: 83 Resp: 6851
Ion Ratio Lower Upper
83 100
85 62.8 52.2 78.4
127 7.8 6.6 9.8

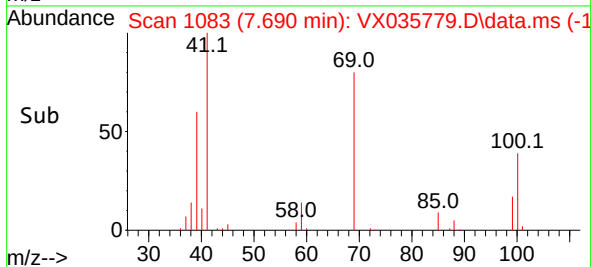
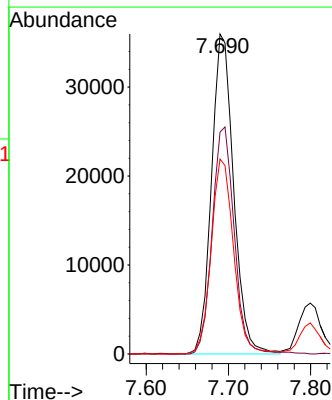
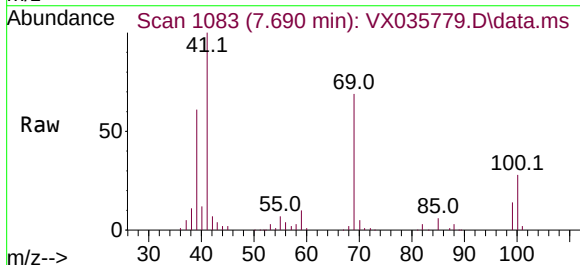
Manual Integrations
APPROVED

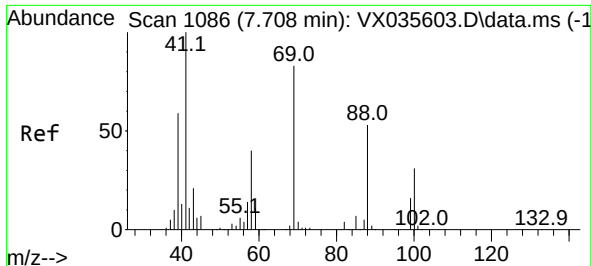
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#48
Methyl methacrylate
Concen: 20.981 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Tgt Ion: 41 Resp: 67208
Ion Ratio Lower Upper
41 100
69 70.7 62.2 93.4
39 62.0 47.7 71.5





#49

1,4-Dioxane

Concen: 349.827 ug/l

RT: 7.726 min Scan# 1086

Delta R.T. 0.018 min

Lab File: VX035779.D

Acq: 22 May 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS01

Tgt Ion: 88 Resp: 2399

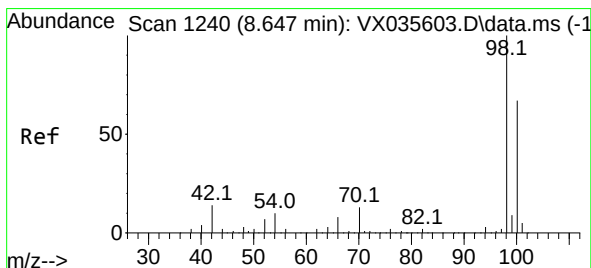
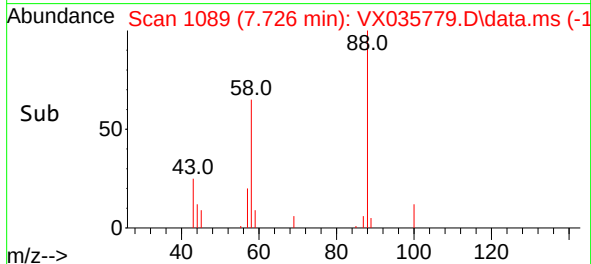
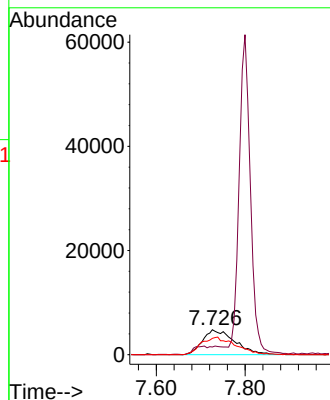
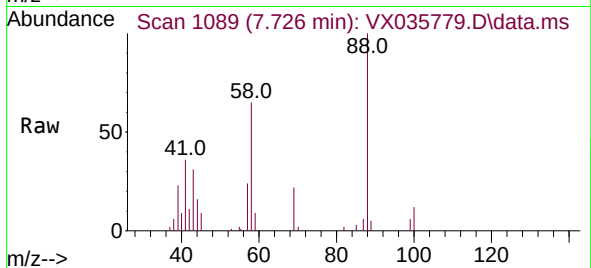
Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.7	41.5
58	75.3	56.8	85.2

Manual Integrations

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Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#50

Toluene-d8

Concen: 49.327 ug/l

RT: 8.647 min Scan# 1240

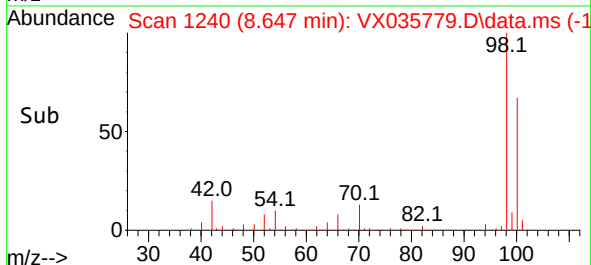
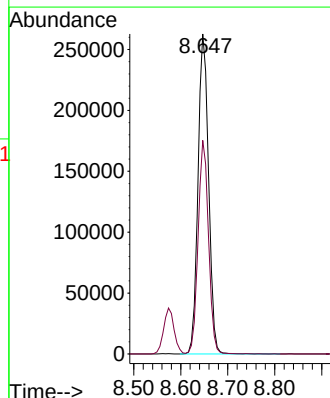
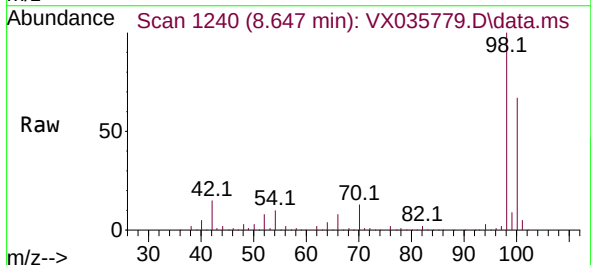
Delta R.T. -0.000 min

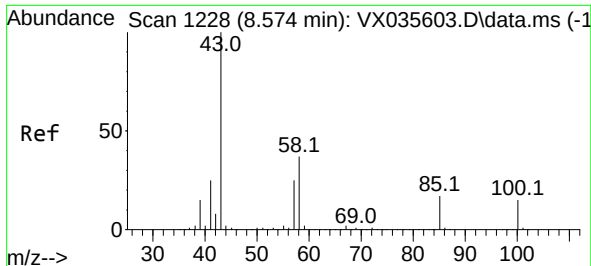
Lab File: VX035779.D

Acq: 22 May 2023 13:02

Tgt Ion: 98 Resp: 411992

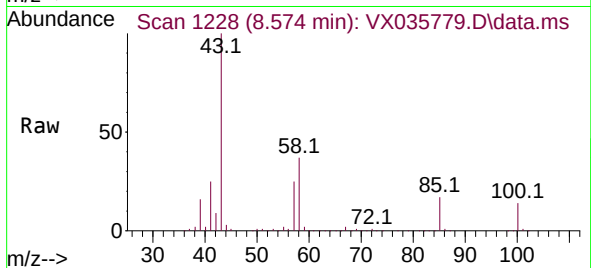
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 110.258 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

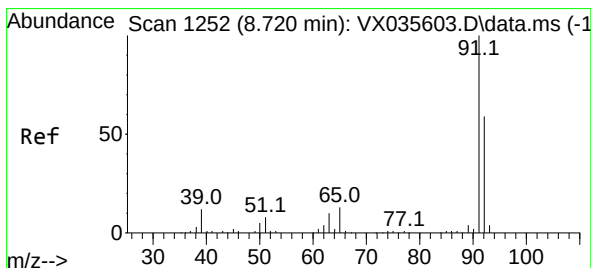
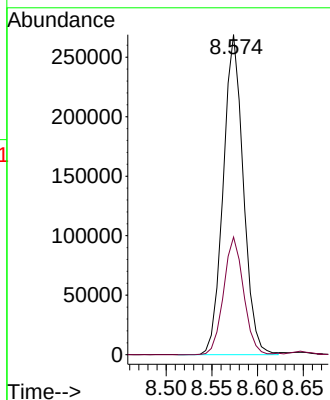
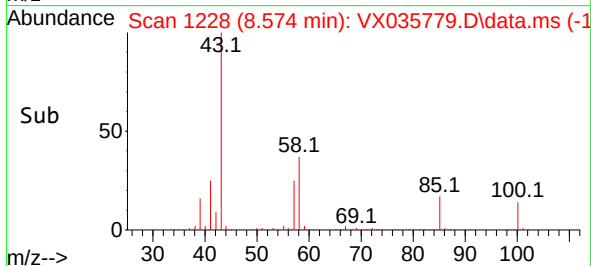
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



Tgt Ion: 43 Resp: 41230
Ion Ratio Lower Upper
43 100
58 36.5 30.6 46.0

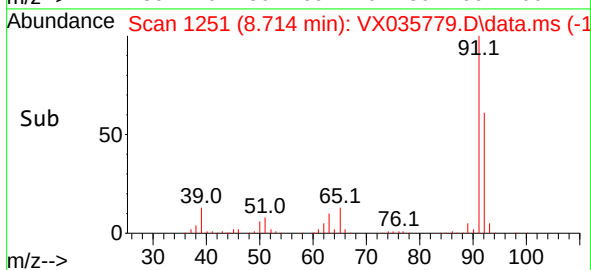
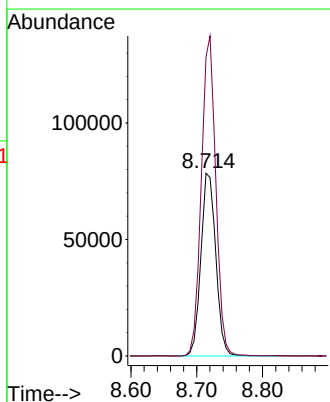
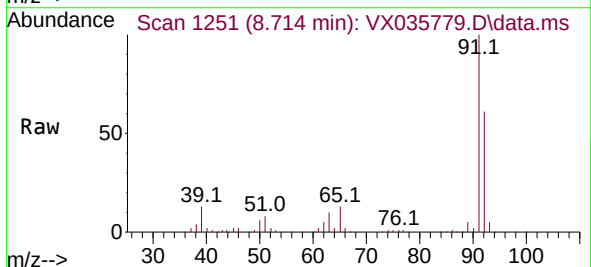
Manual Integrations
APPROVED

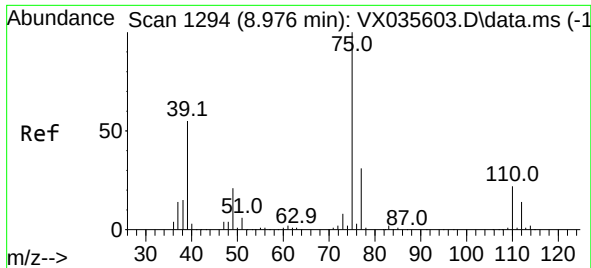
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#52
Toluene
Concen: 19.621 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

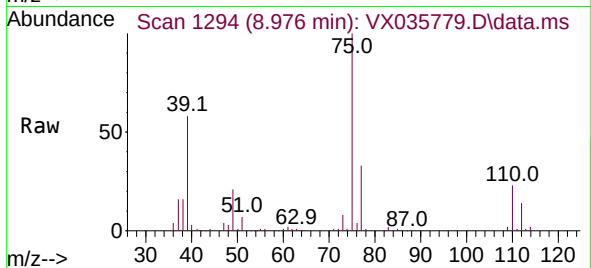
Tgt Ion: 92 Resp: 123651
Ion Ratio Lower Upper
92 100
91 170.0 136.8 205.2





#53
 t-1,3-Dichloropropene
 Concen: 19.598 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX035779.D
 Acq: 22 May 2023 13:02

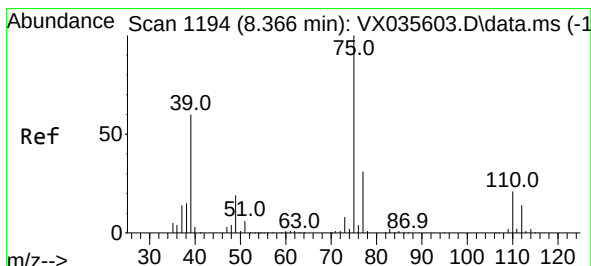
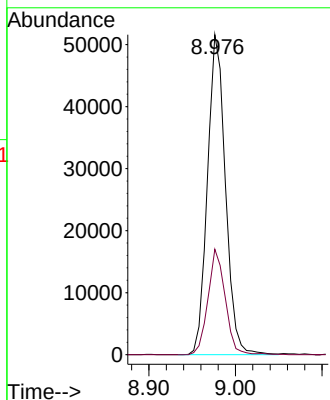
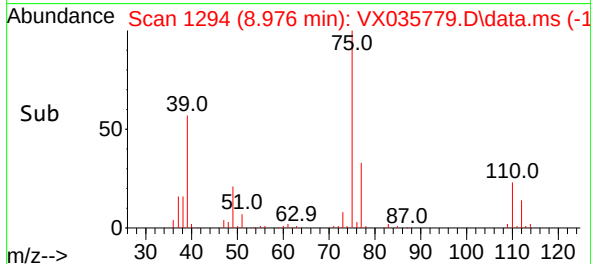
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBS01



Tgt Ion: 75 Resp: 7448
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.2

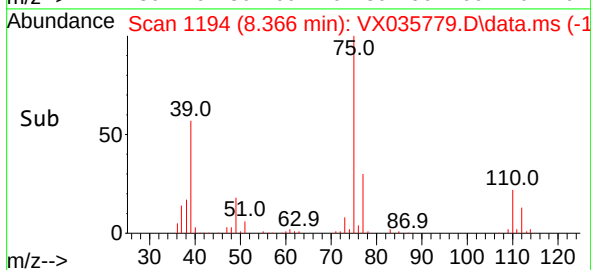
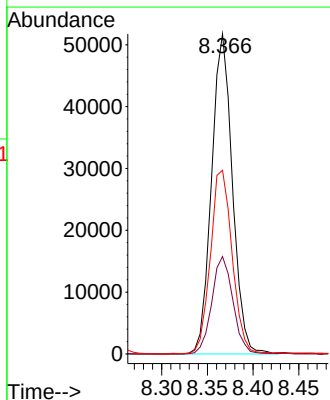
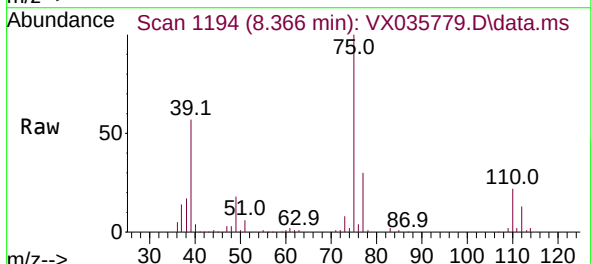
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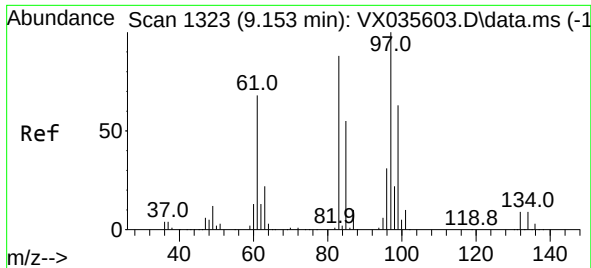
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.143 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX035779.D
 Acq: 22 May 2023 13:02

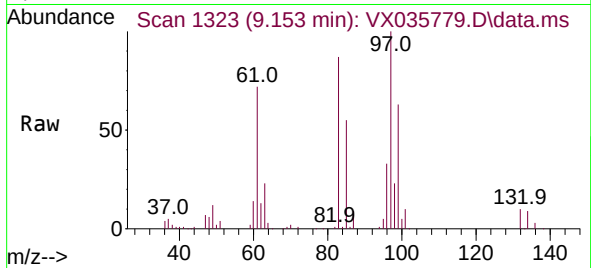
Tgt Ion: 75 Resp: 82025
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.4
 39 57.3 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 21.225 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01

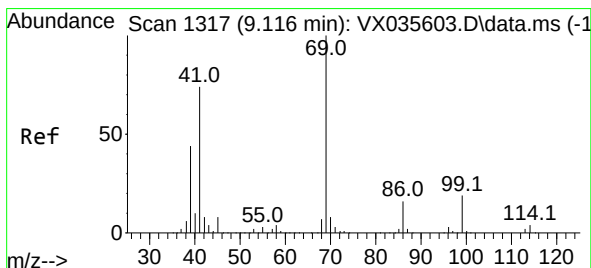
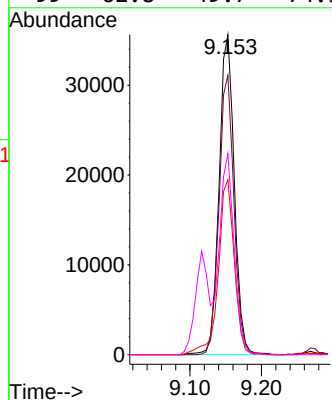
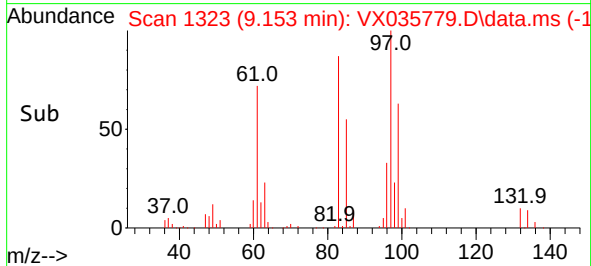


Tgt Ion: 97 Resp: 52536

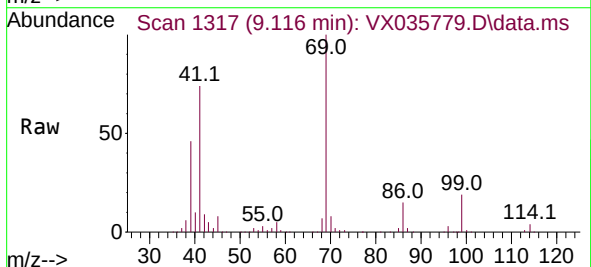
Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.7	104.5
85	54.7	43.7	65.5
99	62.8	49.7	74.5

Manual Integrations
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Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

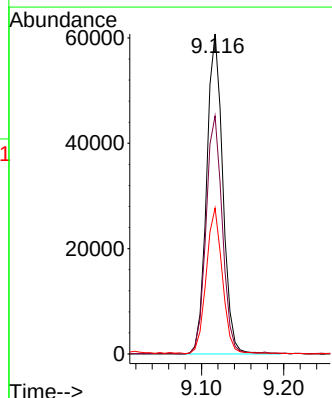
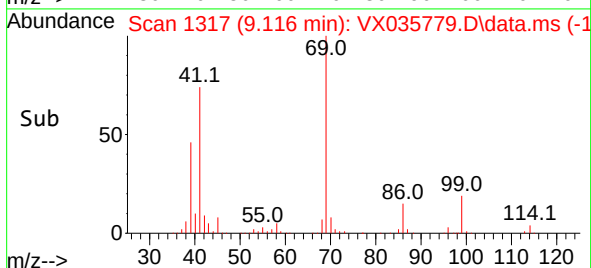


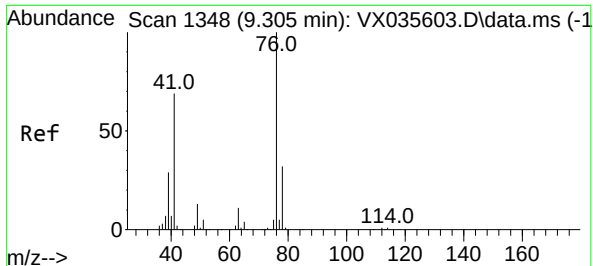
#56
Ethyl methacrylate
Concen: 20.701 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02



Tgt Ion: 69 Resp: 82978

Ion	Ratio	Lower	Upper
69	100		
41	75.3	57.4	86.0
39	46.2	33.7	50.5





#57

1,3-Dichloropropane

Concen: 21.060 ug/l

RT: 9.305 min Scan# 1114

Delta R.T. 0.000 min

Lab File: VX035779.D

Acq: 22 May 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS01

Tgt Ion: 76 Resp: 9449

Ion Ratio Lower Upper

76 100

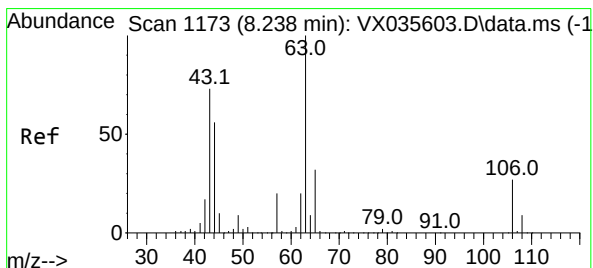
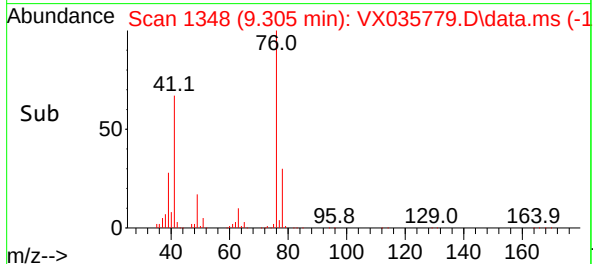
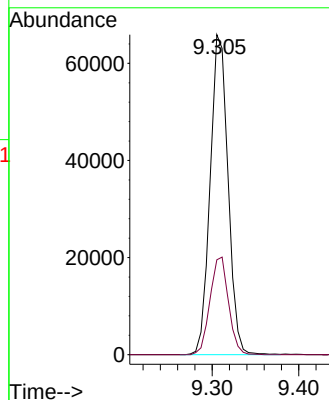
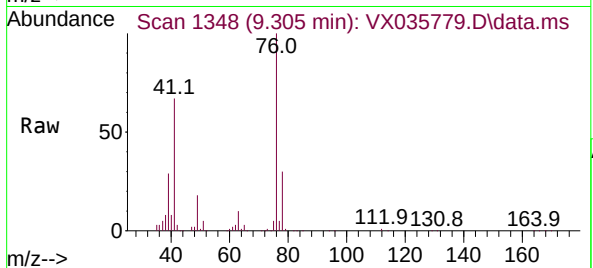
78 31.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#58

2-Chloroethyl Vinyl ether

Concen: 99.450 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.007 min

Lab File: VX035779.D

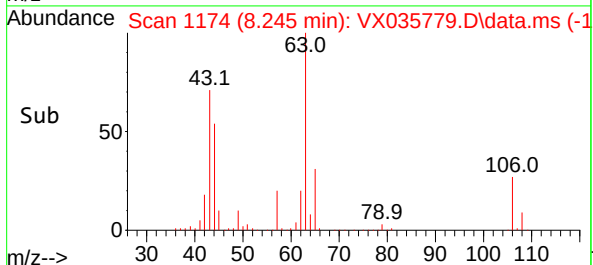
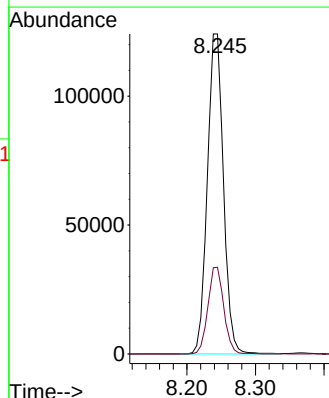
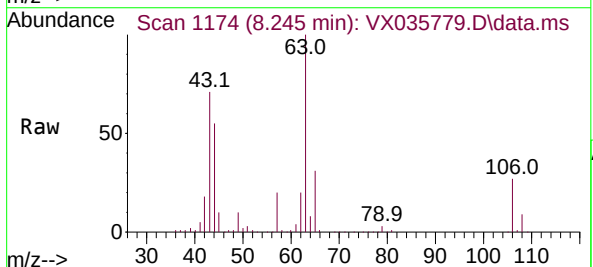
Acq: 22 May 2023 13:02

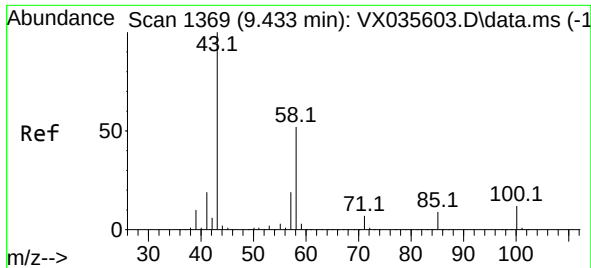
Tgt Ion: 63 Resp: 202793

Ion Ratio Lower Upper

63 100

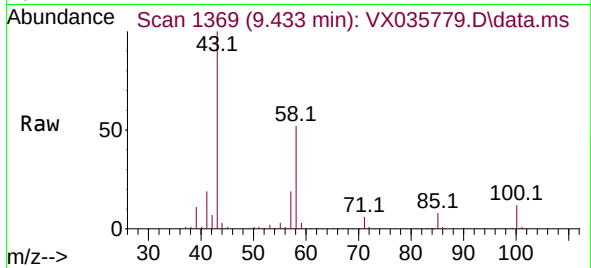
106 26.7 22.2 33.2





#59
2-Hexanone
Concen: 110.539 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

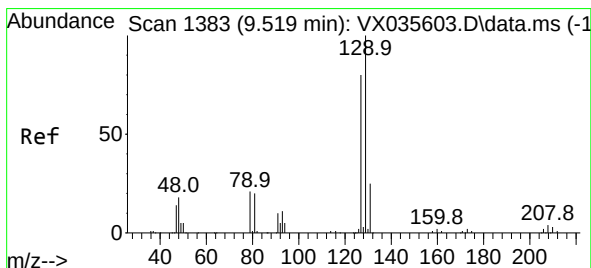
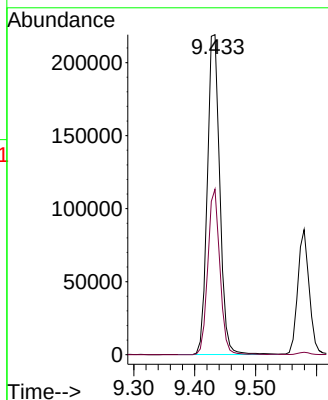
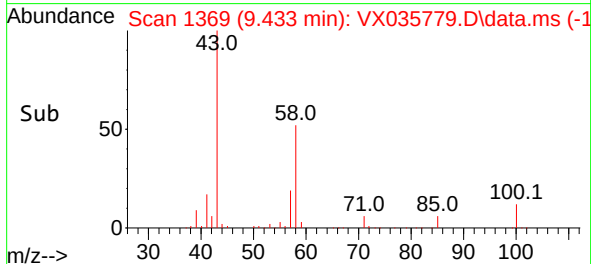
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



Tgt Ion: 43 Resp: 311294
Ion Ratio Lower Upper
43 100
58 50.0 26.3 78.9

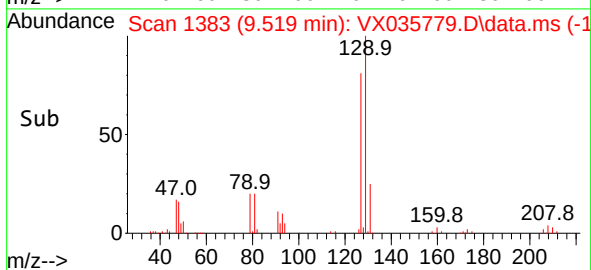
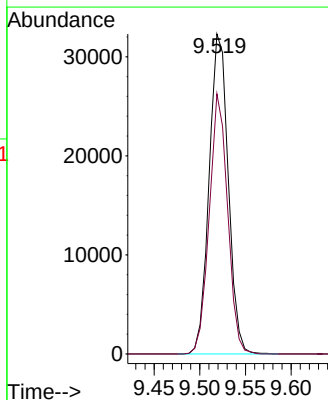
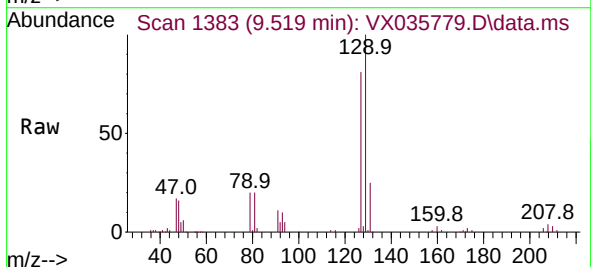
Manual Integrations
APPROVED

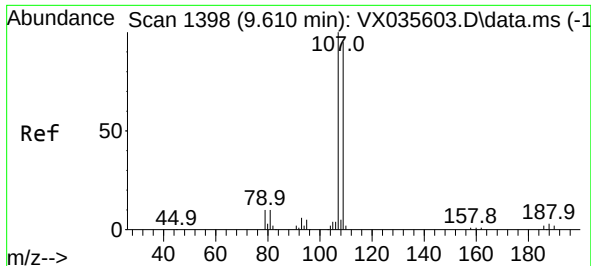
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#60
Dibromochloromethane
Concen: 19.859 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

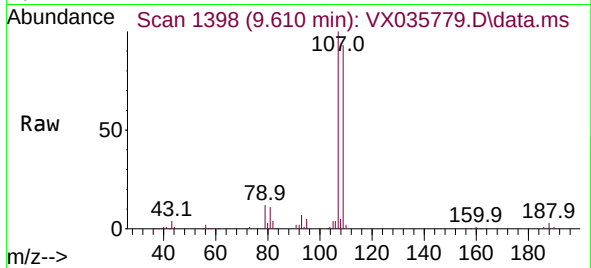
Tgt Ion:129 Resp: 46855
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0





#61
1,2-Dibromoethane
Concen: 20.849 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

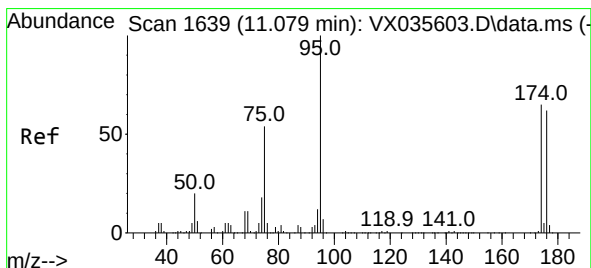
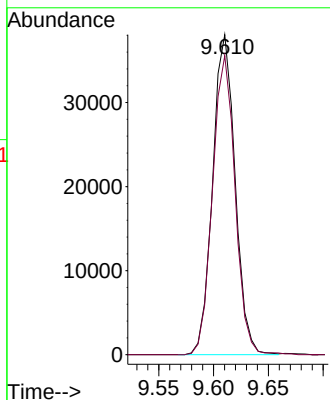
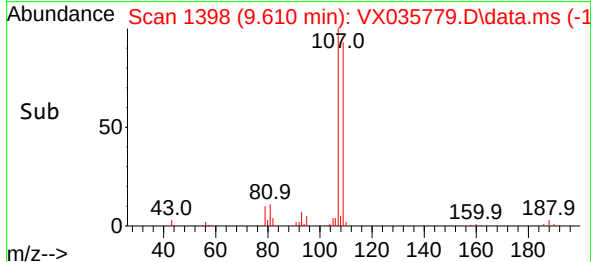
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



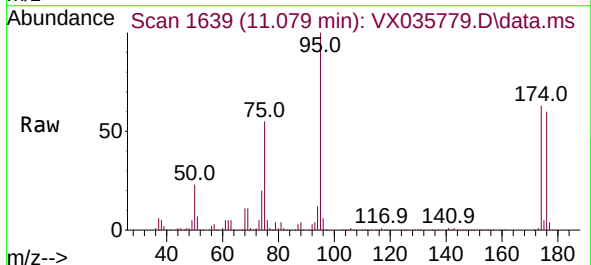
Tgt Ion:107 Resp: 54372
Ion Ratio Lower Upper
107 100
109 93.8 75.3 112.9

Manual Integrations
APPROVED

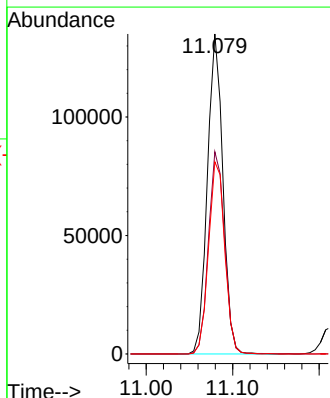
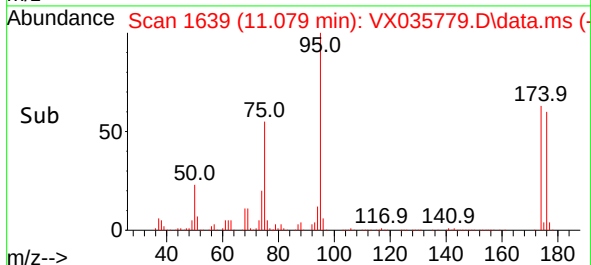
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

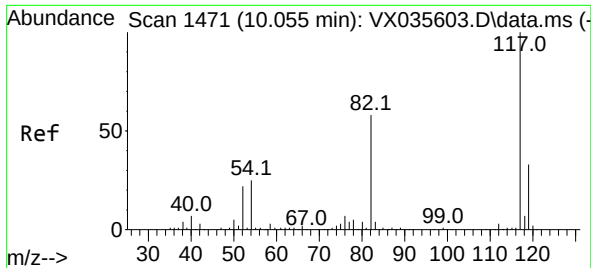


#62
4-Bromofluorobenzene
Concen: 49.715 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02



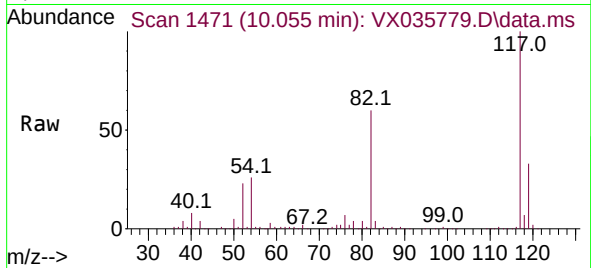
Tgt Ion: 95 Resp: 167191
Ion Ratio Lower Upper
95 100
174 65.8 0.0 147.4
176 63.1 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

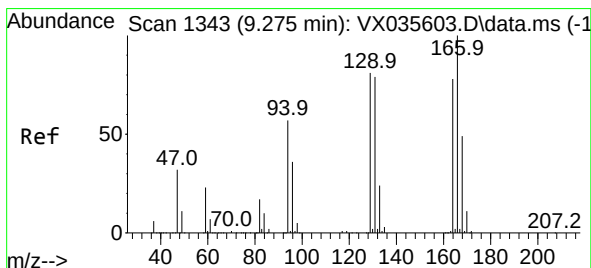
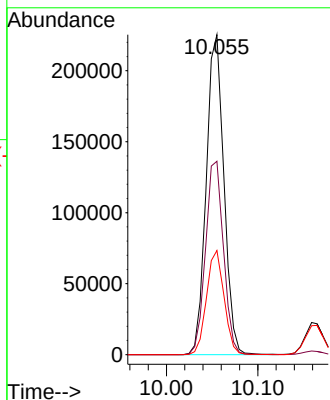
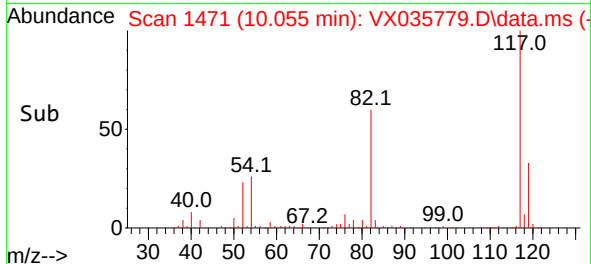
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



Tgt Ion:117 Resp: 30165
Ion Ratio Lower Upper
117 100
82 60.4 45.0 67.4
119 32.5 26.0 39.0

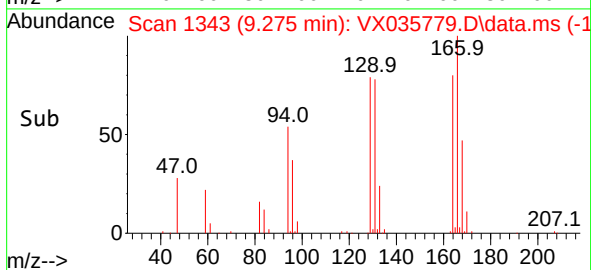
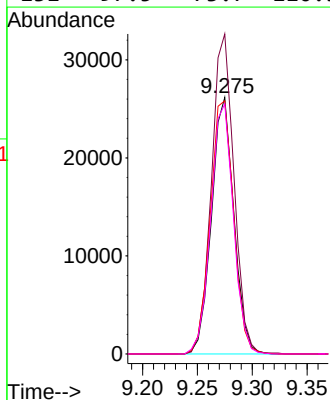
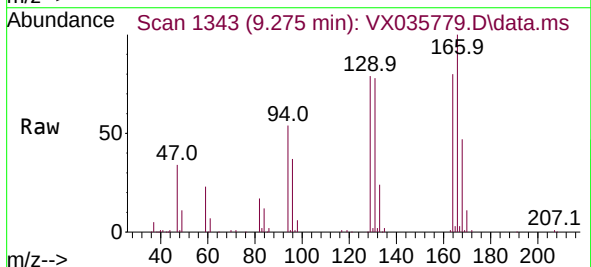
Manual Integrations
APPROVED

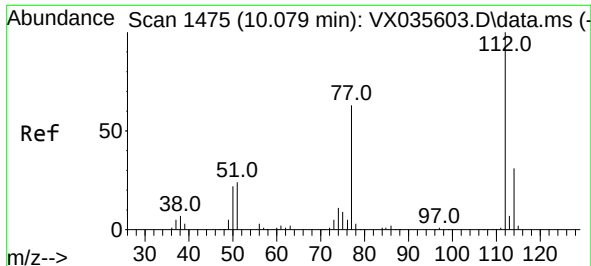
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#64
Tetrachloroethene
Concen: 18.258 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

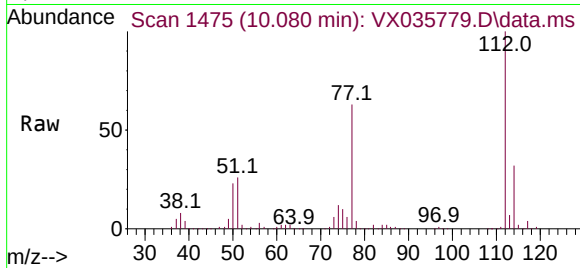
Tgt Ion:164 Resp: 37080
Ion Ratio Lower Upper
164 100
166 124.7 102.7 154.1
129 98.7 75.6 113.4
131 97.5 73.7 110.5





#65
Chlorobenzene
Concen: 19.799 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

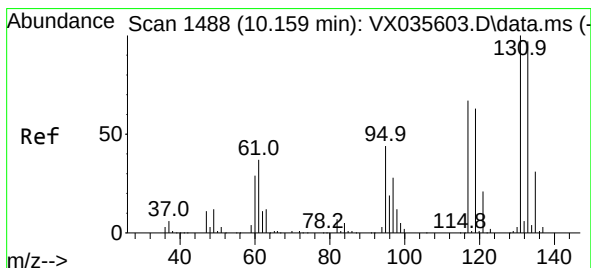
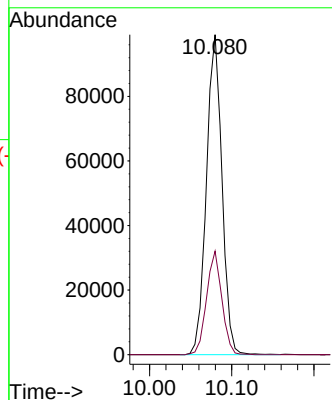
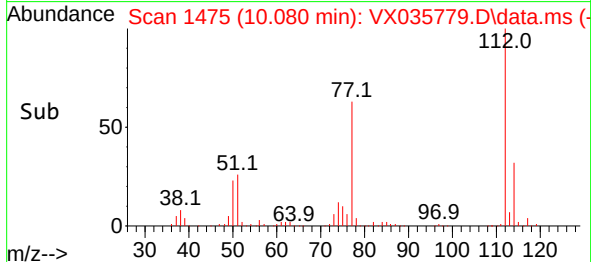
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



Tgt Ion:112 Resp: 13037
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.2

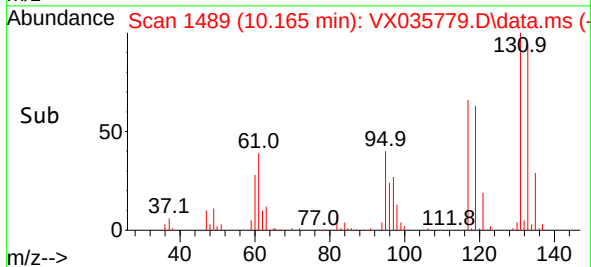
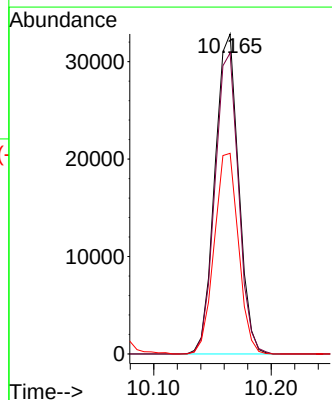
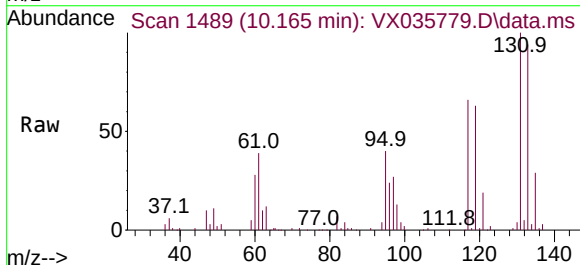
Manual Integrations
APPROVED

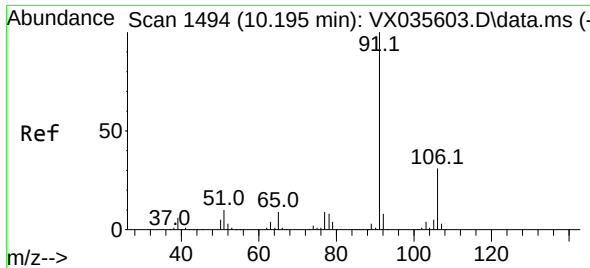
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.749 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

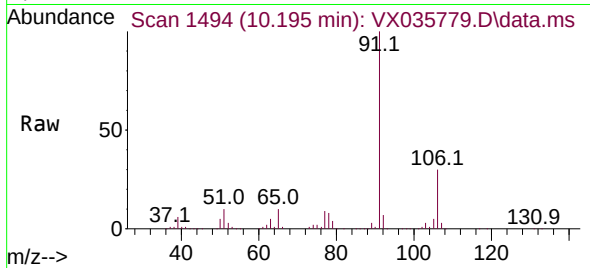
Tgt Ion:131 Resp: 45983
Ion Ratio Lower Upper
131 100
133 93.9 47.1 141.4
119 63.9 32.6 98.0





#67
Ethyl Benzene
Concen: 19.539 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

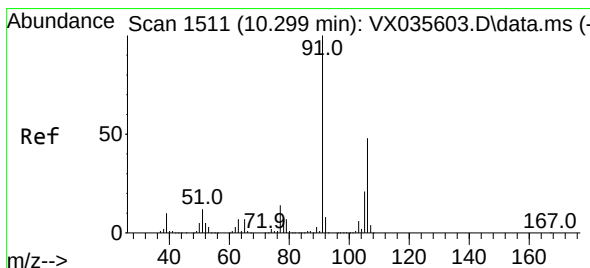
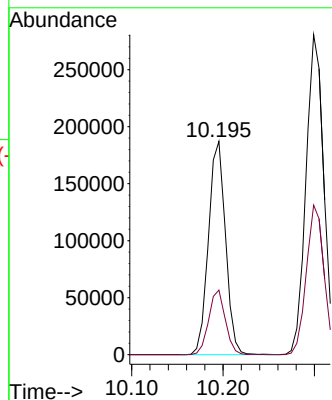
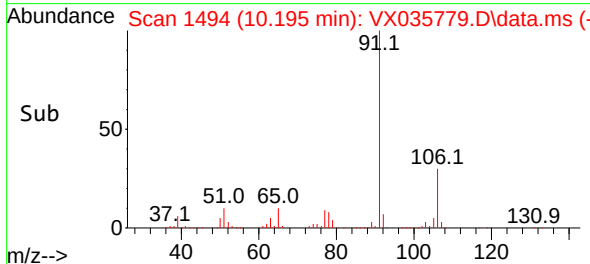
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



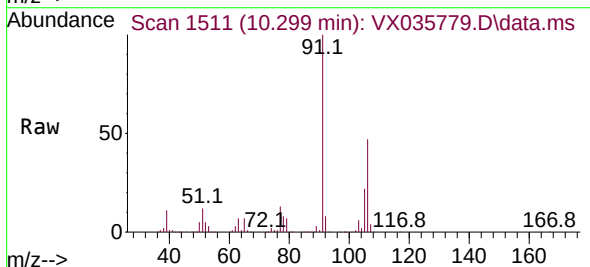
Tgt Ion: 91 Resp: 241970
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

Manual Integrations
APPROVED

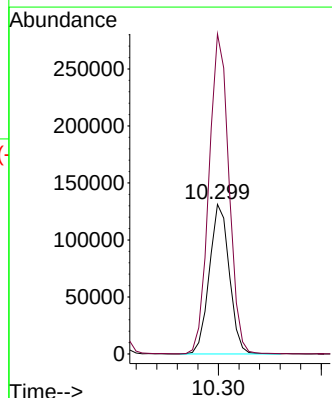
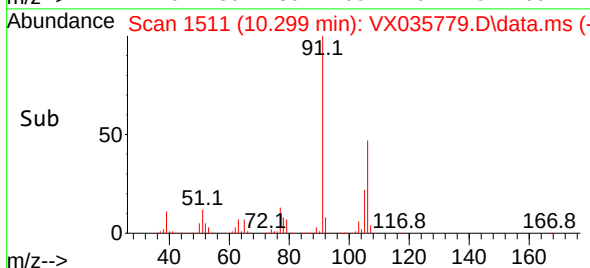
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

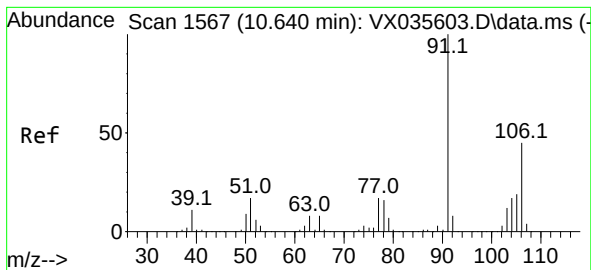


#68
m/p-Xylenes
Concen: 38.692 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02



Tgt Ion:106 Resp: 177117
Ion Ratio Lower Upper
106 100
91 214.2 164.0 246.0





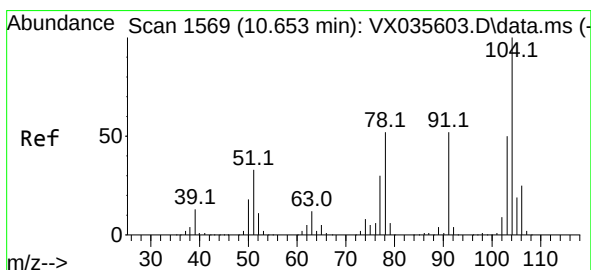
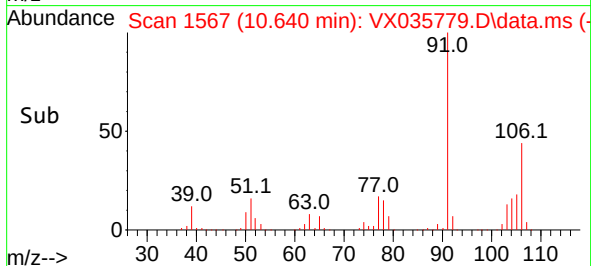
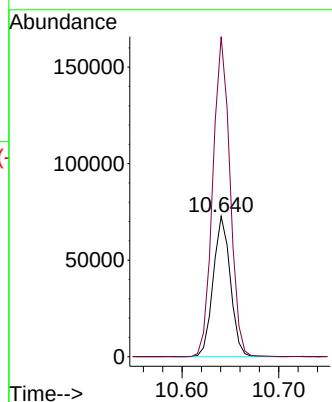
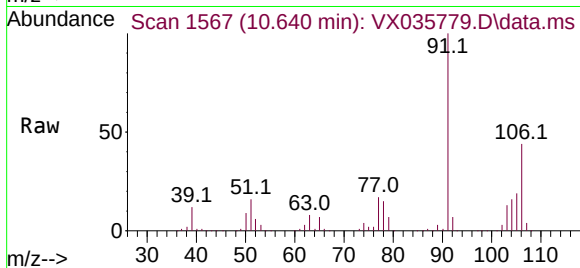
#69
o-Xylene
Concen: 19.677 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01

Tgt Ion:106 Resp: 89378
Ion Ratio Lower Upper
106 100
91 228.8 108.5 325.3

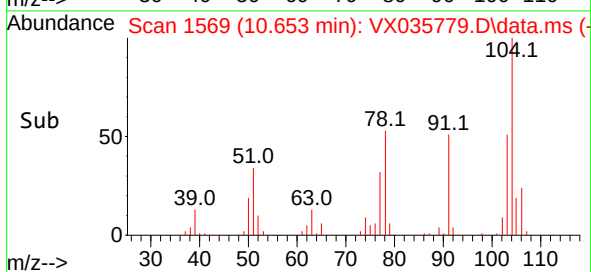
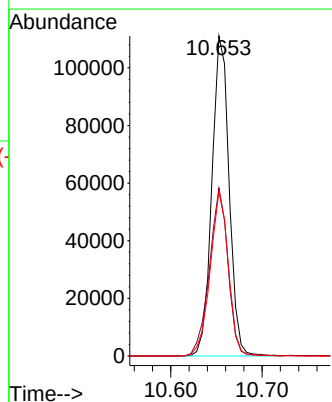
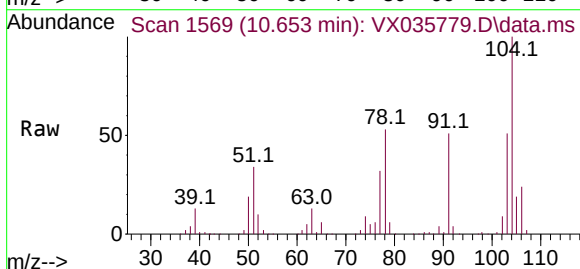
Manual Integrations
APPROVED

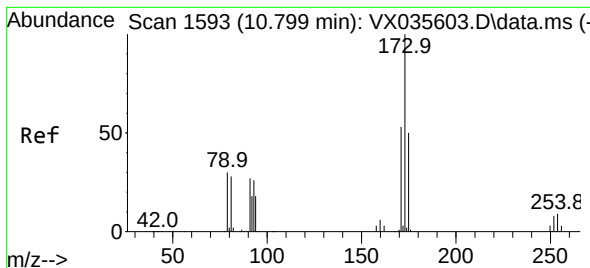
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#70
Styrene
Concen: 19.826 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Tgt Ion:104 Resp: 145140
Ion Ratio Lower Upper
104 100
78 56.5 43.4 65.2
103 54.2 44.2 66.2





#71

Bromoform

Concen: 18.344 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035779.D

Acq: 22 May 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS01

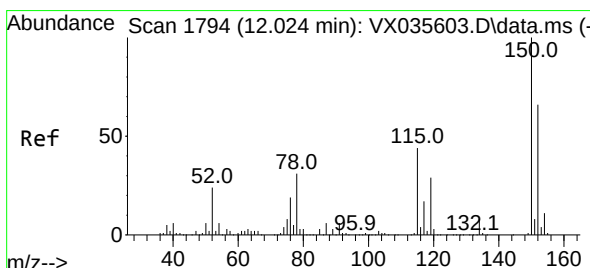
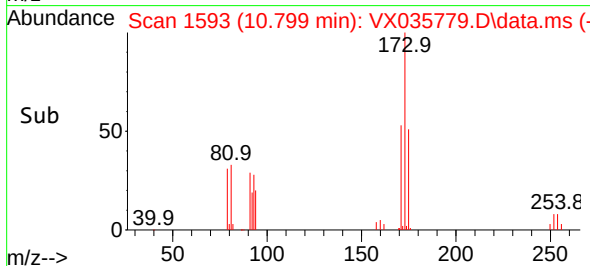
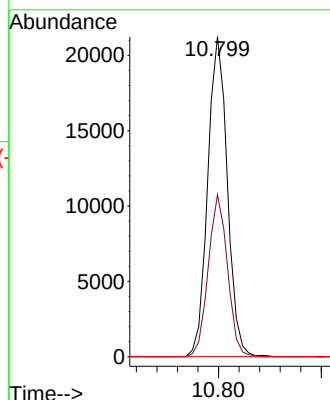
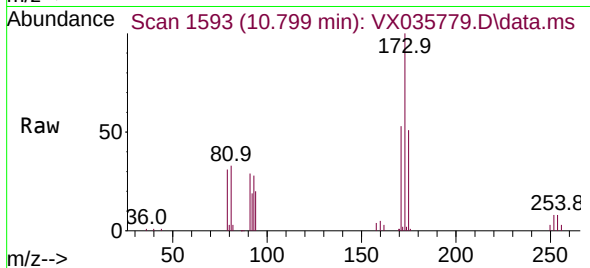
Tgt Ion:173	Resp:	2810
Ion Ratio	Lower	Upper
173	100	
175	49.7	24.1 72.4
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

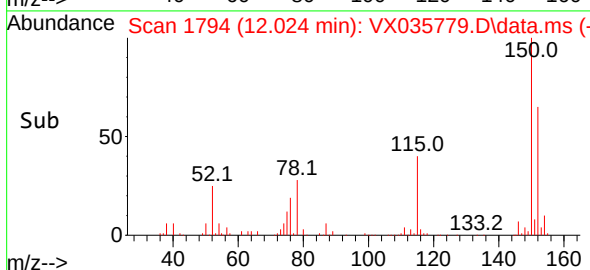
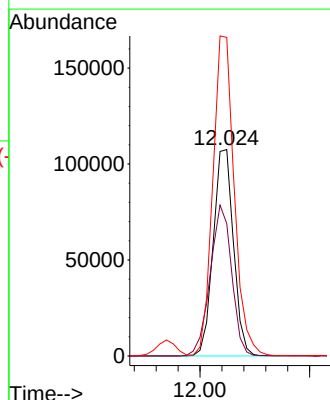
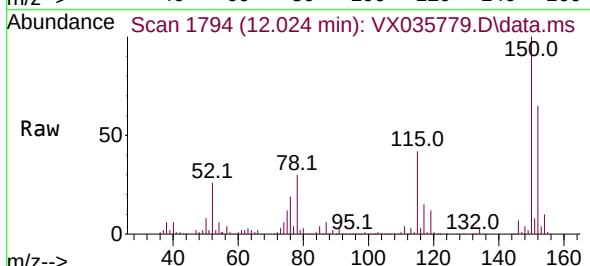
RT: 12.024 min Scan# 1794

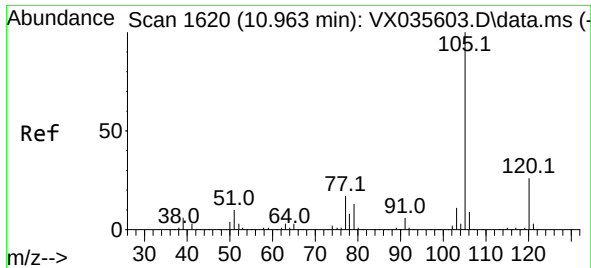
Delta R.T. 0.000 min

Lab File: VX035779.D

Acq: 22 May 2023 13:02

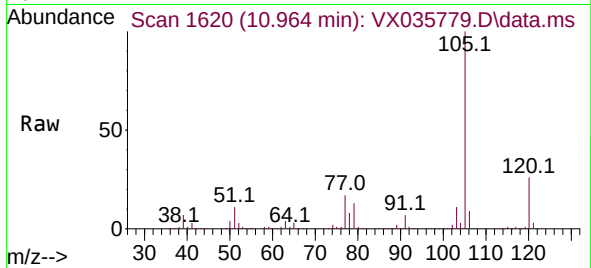
Tgt Ion:152	Resp:	138199
Ion Ratio	Lower	Upper
152	100	
115	77.2	45.0 135.0
150	163.5	0.0 352.4





#73
Isopropylbenzene
Concen: 19.486 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

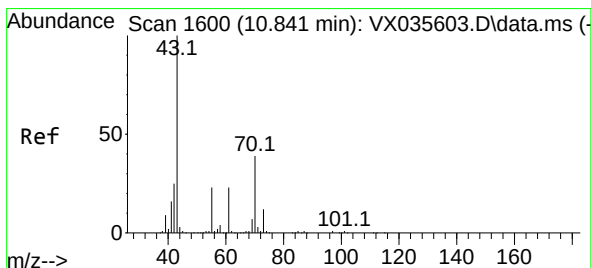
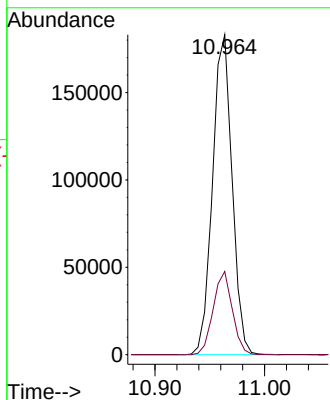
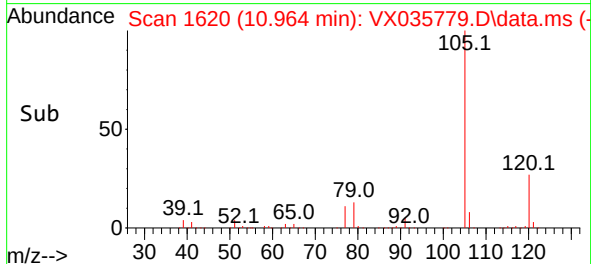
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



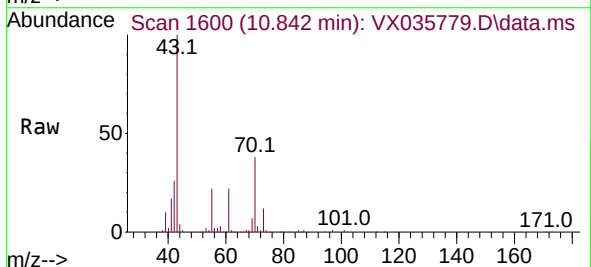
Tgt Ion:105 Resp: 226918
Ion Ratio Lower Upper
105 100
120 25.4 13.3 39.9

Manual Integrations
APPROVED

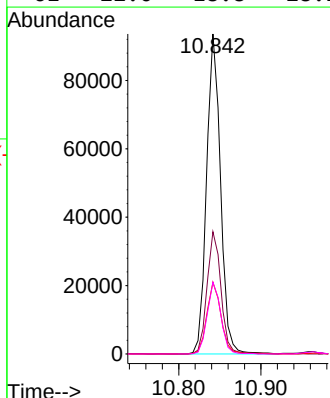
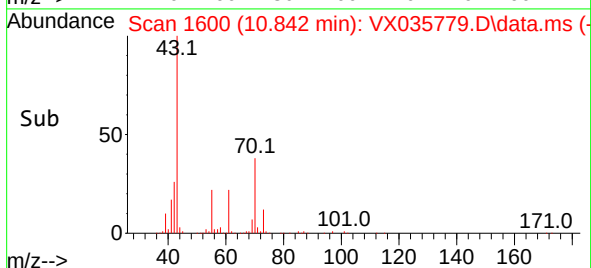
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

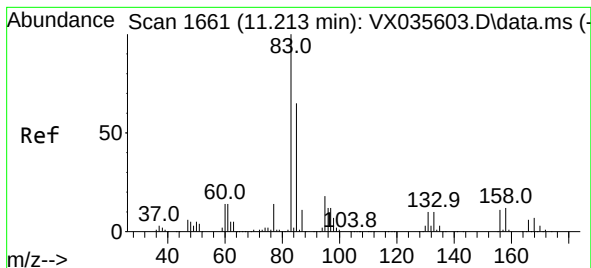


#74
N-ethyl acetate
Concen: 20.300 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02



Tgt Ion: 43 Resp: 110221
Ion Ratio Lower Upper
43 100
70 38.2 32.1 48.1
55 23.1 18.3 27.5
61 22.0 18.8 28.2





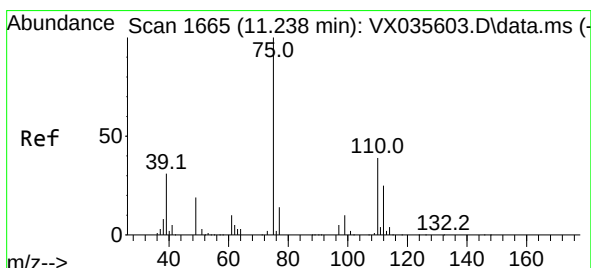
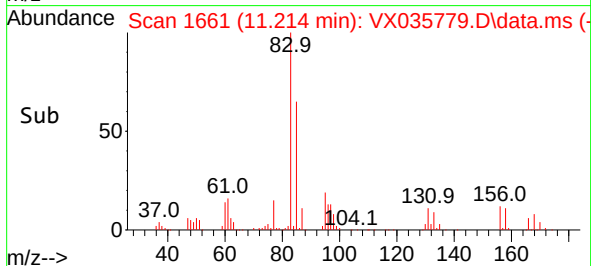
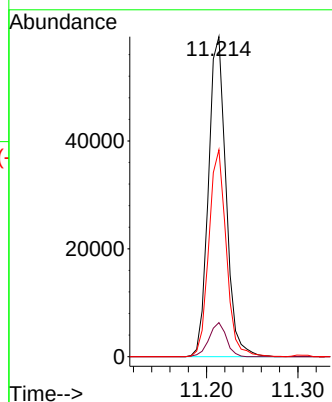
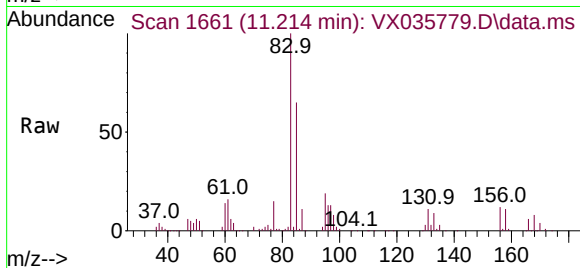
#75
1,1,2,2-Tetrachloroethane
Concen: 20.926 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01

Tgt Ion: 83 Resp: 79050
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.3
85 64.2 32.0 96.0

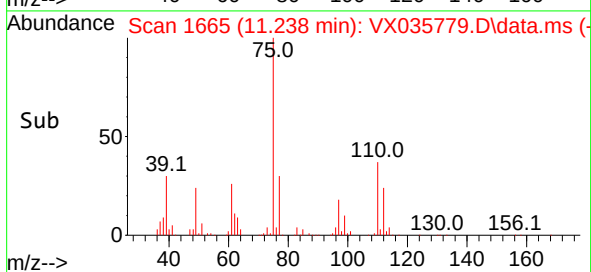
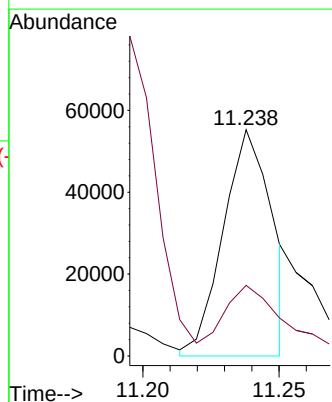
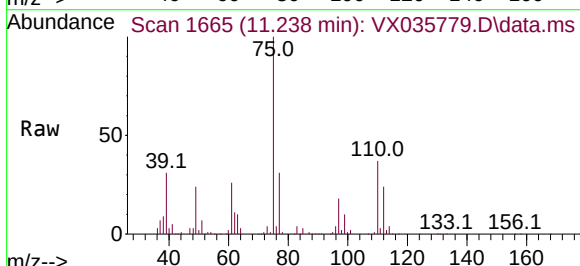
Manual Integrations
APPROVED

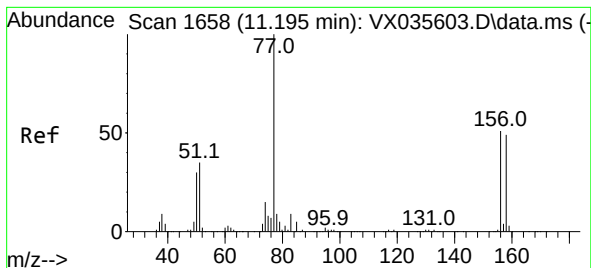
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#76
1,2,3-Trichloropropane
Concen: 20.336 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Tgt Ion: 75 Resp: 68744
Ion Ratio Lower Upper
75 100
77 39.8 21.6 64.8





#77

Bromobenzene

Concen: 20.129 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX035779.D

Acq: 22 May 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS01

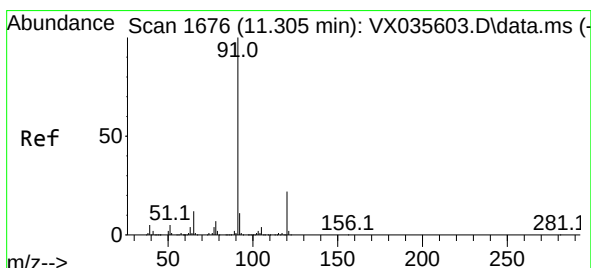
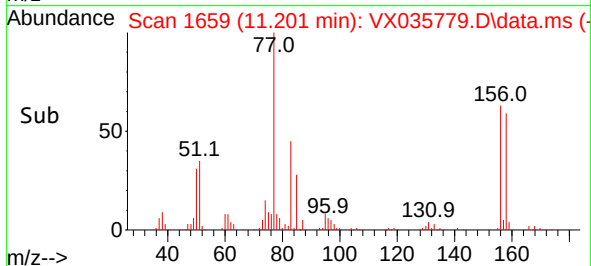
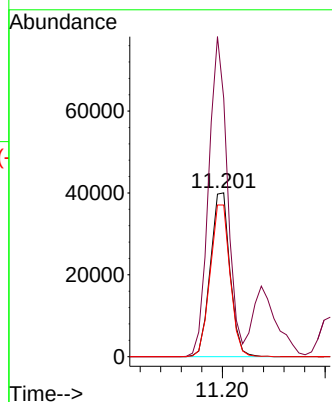
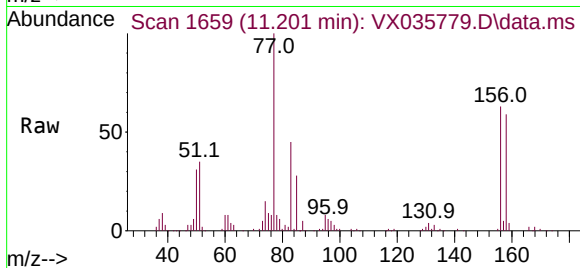
Tgt Ion:	156	Resp:	53204
Ion Ratio	Lower	Upper	
156	100		
77	186.3	86.7	259.9
158	93.7	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#78

n-propylbenzene

Concen: 19.394 ug/l

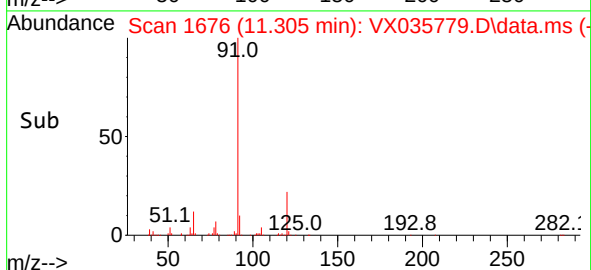
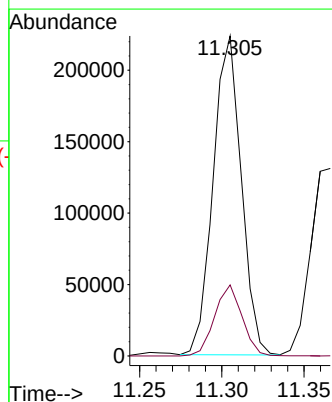
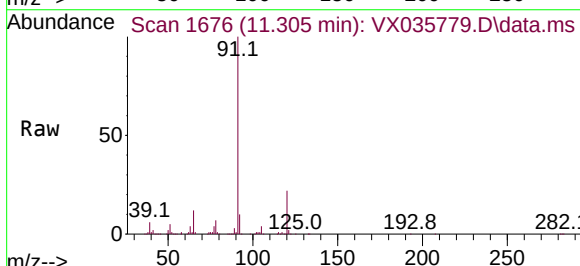
RT: 11.305 min Scan# 1676

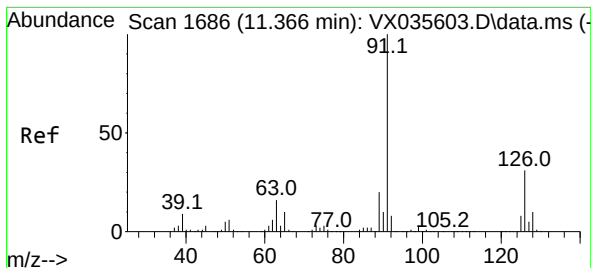
Delta R.T. -0.000 min

Lab File: VX035779.D

Acq: 22 May 2023 13:02

Tgt Ion:	91	Resp:	265491
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.5	34.5





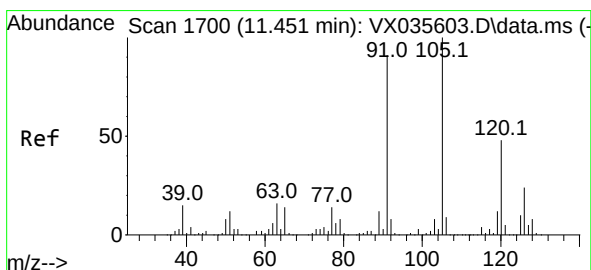
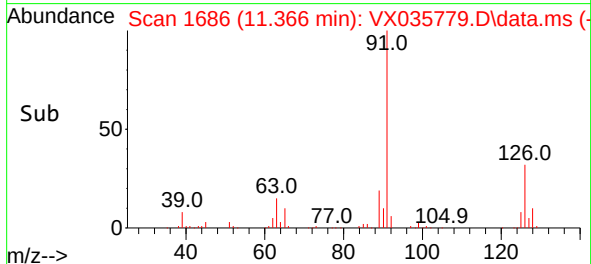
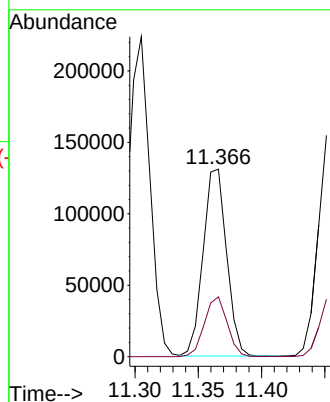
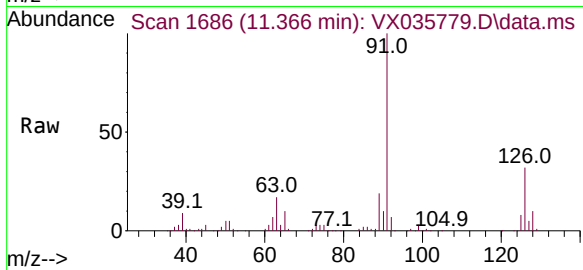
#79
2-Chlorotoluene
Concen: 19.783 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01

Tgt Ion: 91 Resp: 16955
Ion Ratio Lower Upper
91 100
126 31.1 16.3 48.9

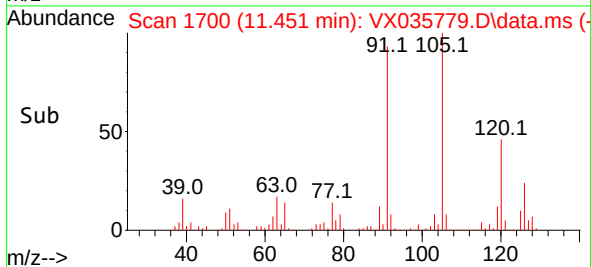
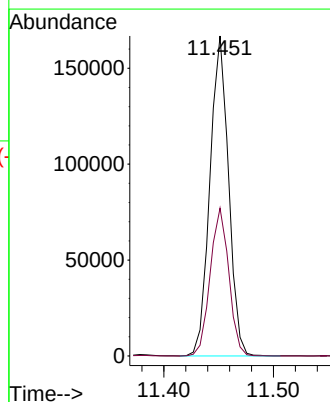
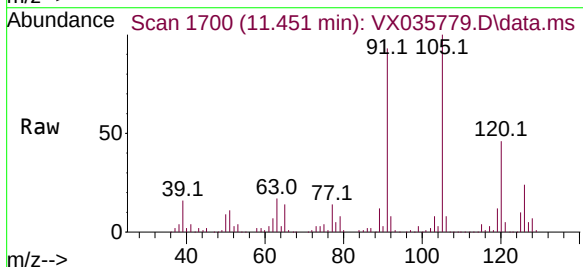
Manual Integrations
APPROVED

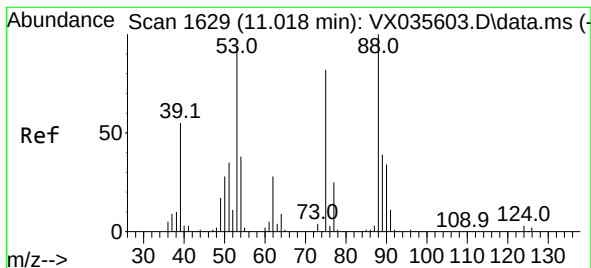
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.881 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

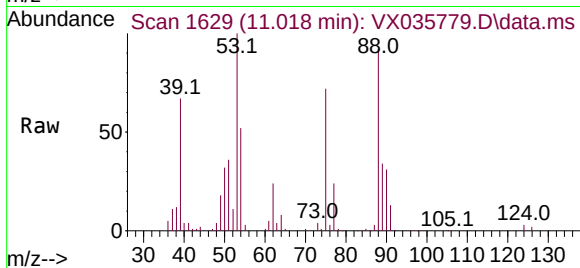
Tgt Ion:105 Resp: 196776
Ion Ratio Lower Upper
105 100
120 46.3 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.724 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

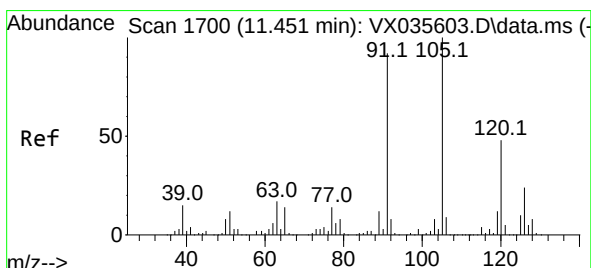
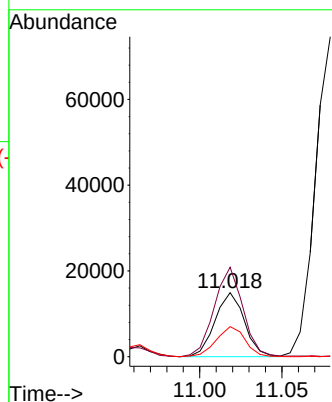
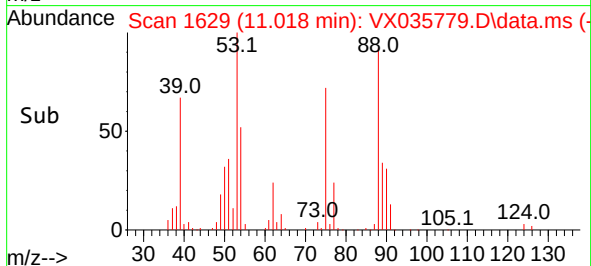
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



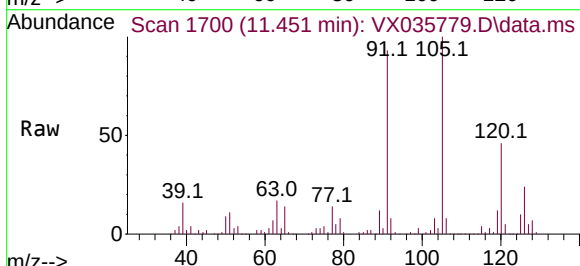
Tgt Ion: 75 Resp: 18590
Ion Ratio Lower Upper
75 100
53 137.1 82.6 124.0
89 46.2 36.9 55.3

Manual Integrations
APPROVED

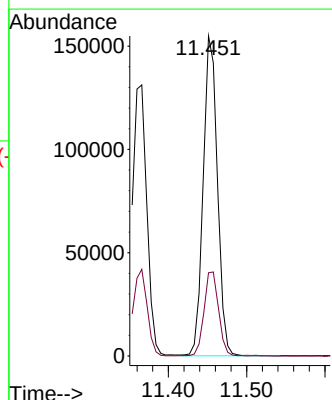
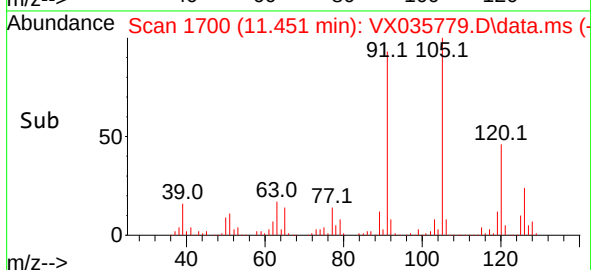
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

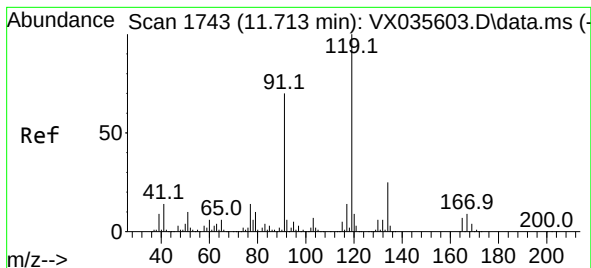


#82
4-Chlorotoluene
Concen: 19.732 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02



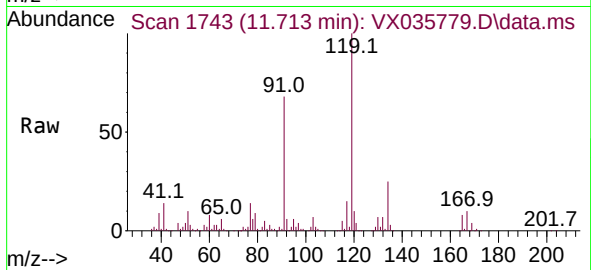
Tgt Ion: 91 Resp: 194760
Ion Ratio Lower Upper
91 100
126 27.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 18.906 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

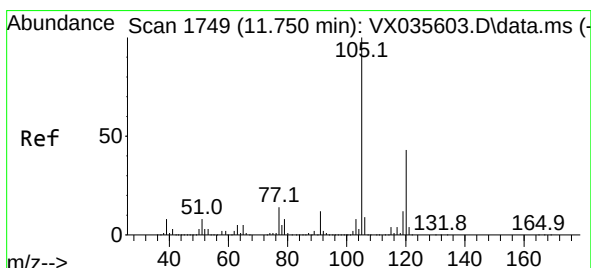
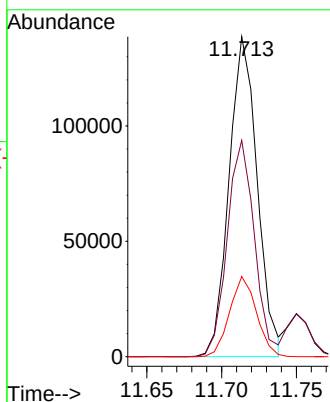
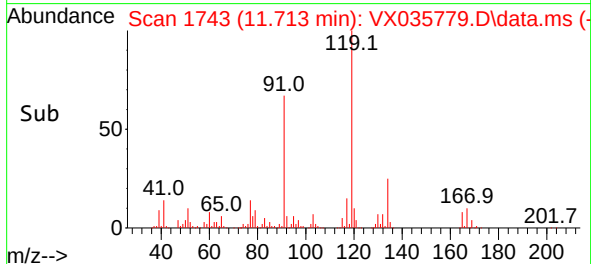
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



Tgt Ion:119 Resp: 18189
Ion Ratio Lower Upper
119 100
91 65.4 30.6 92.0
134 23.9 11.8 35.4

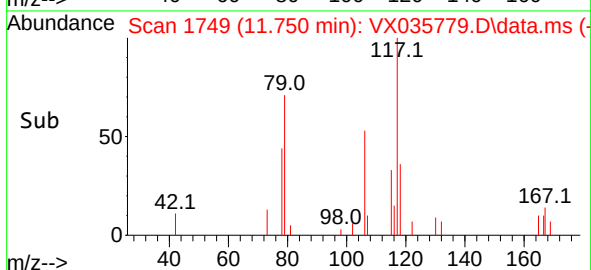
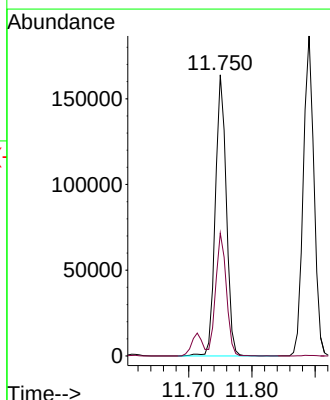
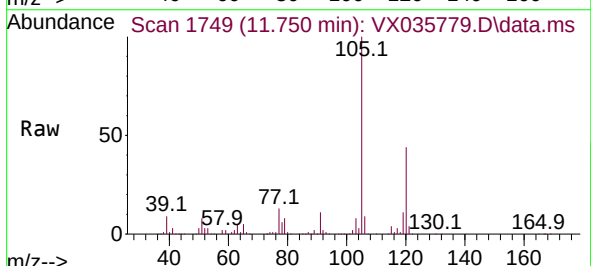
Manual Integrations
APPROVED

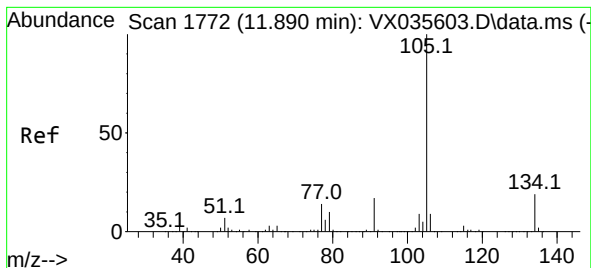
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.772 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

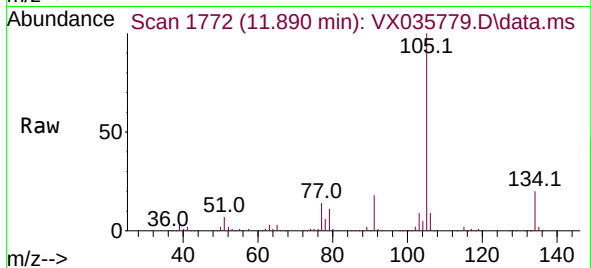
Tgt Ion:105 Resp: 196500
Ion Ratio Lower Upper
105 100
120 43.1 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 18.015 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035779.D
 Acq: 22 May 2023 13:02

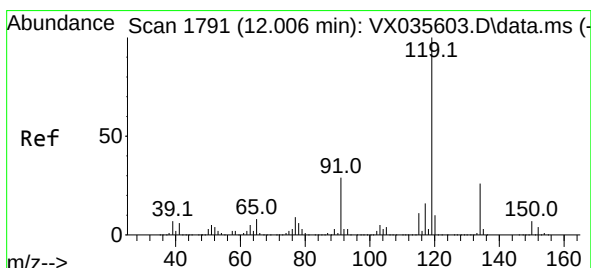
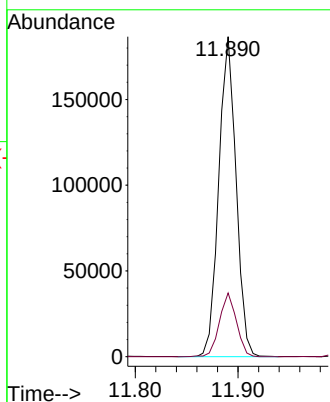
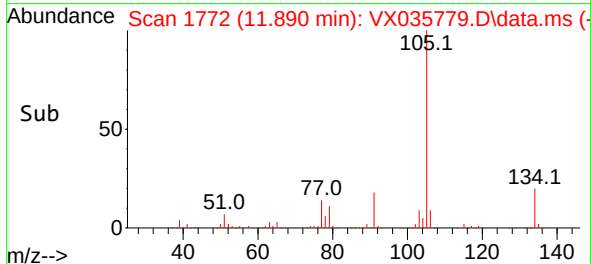
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBS01



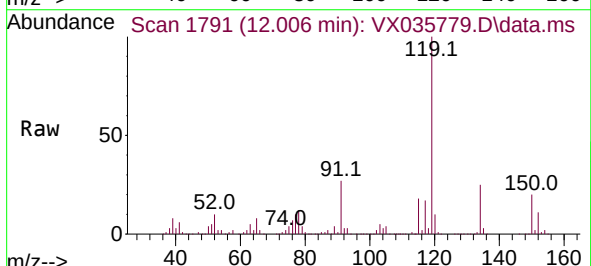
Tgt Ion:105 Resp: 21762
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.2 30.4

Manual Integrations
 APPROVED

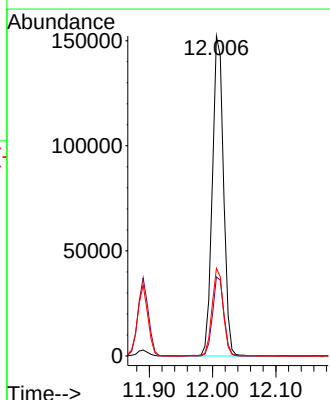
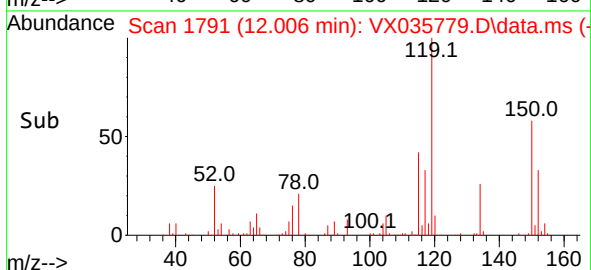
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023

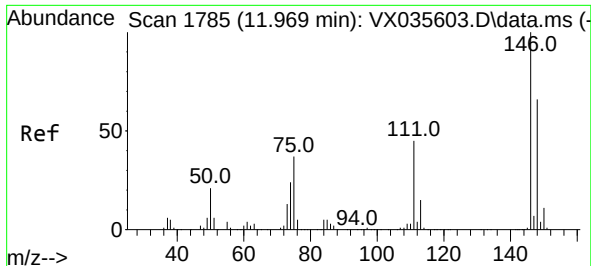


#86
 p-Isopropyltoluene
 Concen: 18.836 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035779.D
 Acq: 22 May 2023 13:02



Tgt Ion:119 Resp: 187058
 Ion Ratio Lower Upper
 119 100
 134 24.8 13.2 39.5
 91 27.2 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 19.333 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035779.D

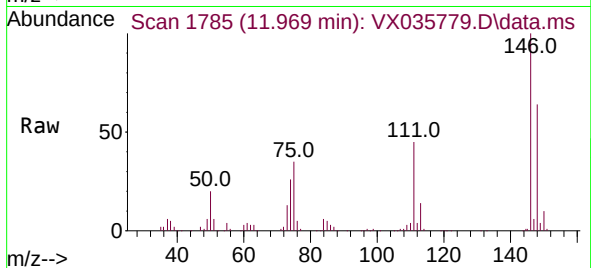
Acq: 22 May 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS01



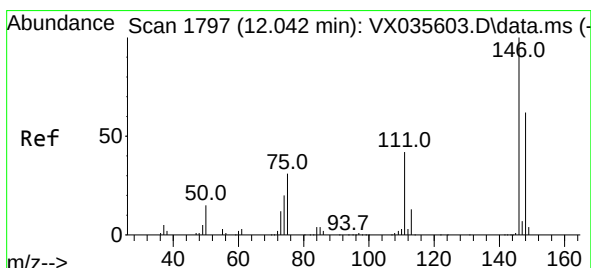
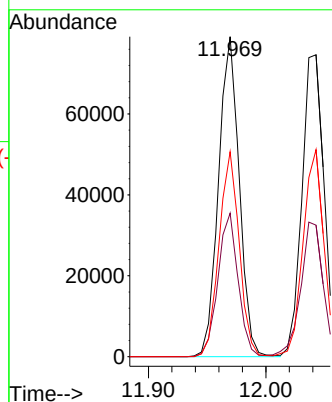
Tgt Ion:146	Resp:	97075
Ion Ratio	Lower	Upper
146	100	
111	43.8	20.9 62.8
148	62.3	31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#88

1,4-Dichlorobenzene

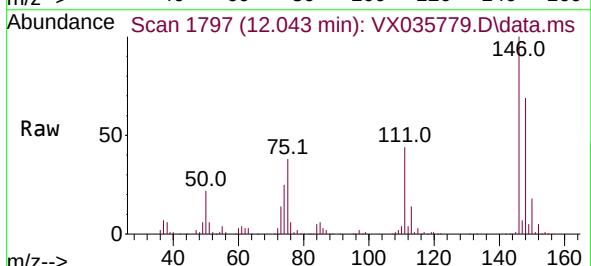
Concen: 19.244 ug/l

RT: 12.043 min Scan# 1797

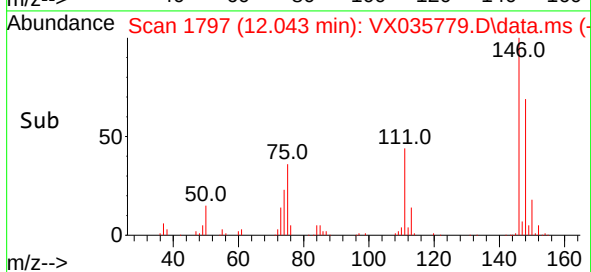
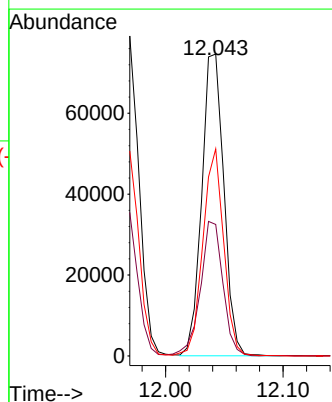
Delta R.T. 0.001 min

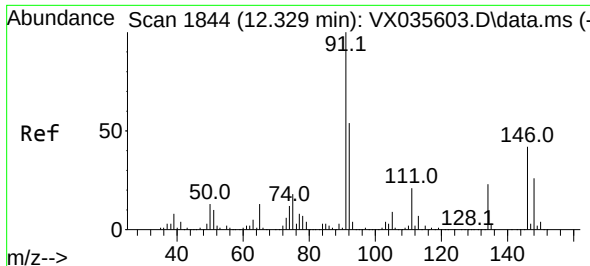
Lab File: VX035779.D

Acq: 22 May 2023 13:02



Tgt Ion:146	Resp:	97575
Ion Ratio	Lower	Upper
146	100	
111	45.2	20.6 61.9
148	64.8	31.8 95.4





#89

n-Butylbenzene

Concen: 17.785 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX035779.D

Acq: 22 May 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS01

Tgt Ion: 91 Resp: 16066

Ion Ratio Lower Upper

91 100

92 54.2 27.7 83.0

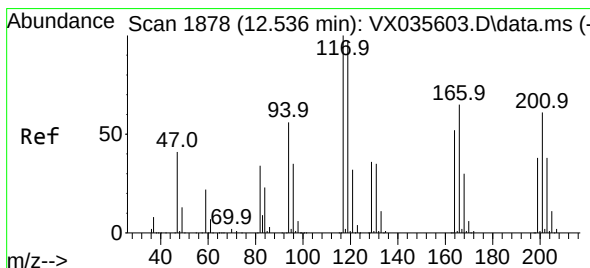
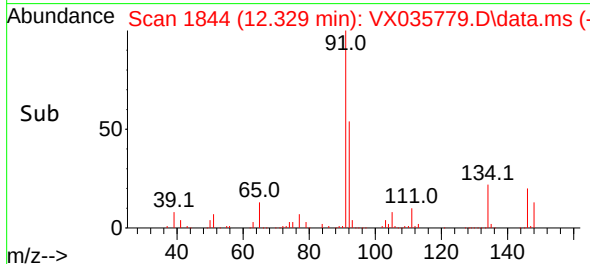
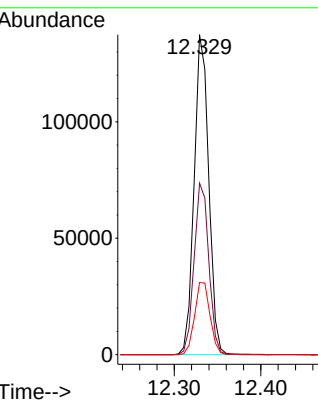
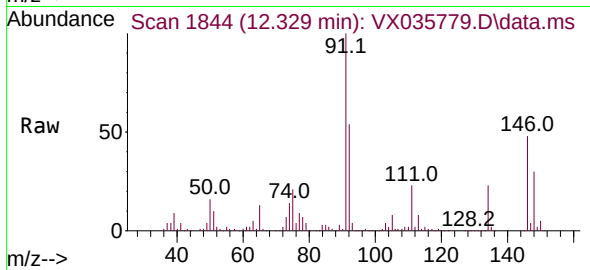
134 23.8 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#90

Hexachloroethane

Concen: 17.700 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035779.D

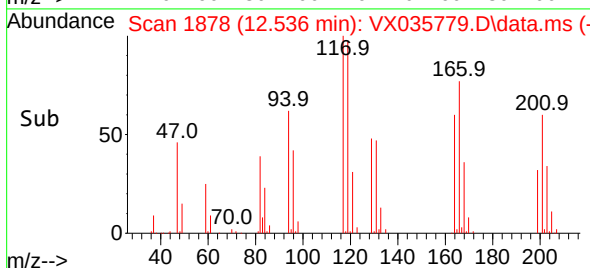
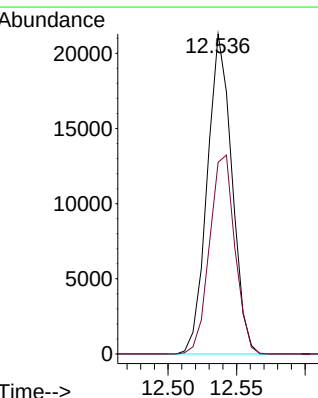
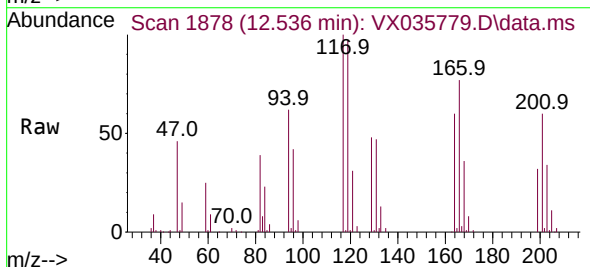
Acq: 22 May 2023 13:02

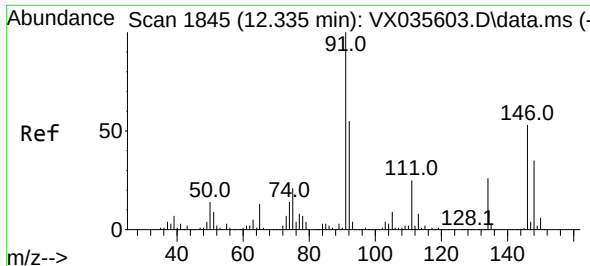
Tgt Ion:117 Resp: 26643

Ion Ratio Lower Upper

117 100

201 64.1 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 19.623 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035779.D

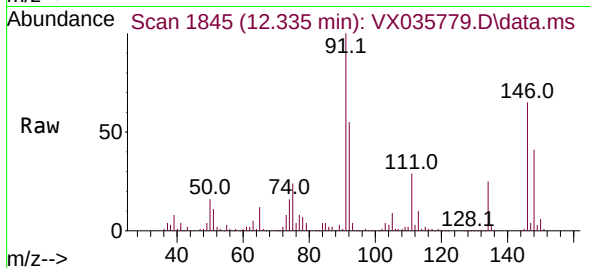
Acq: 22 May 2023 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBS01



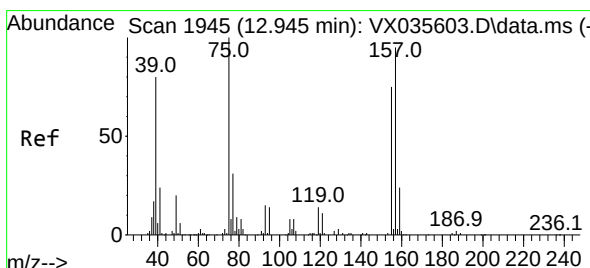
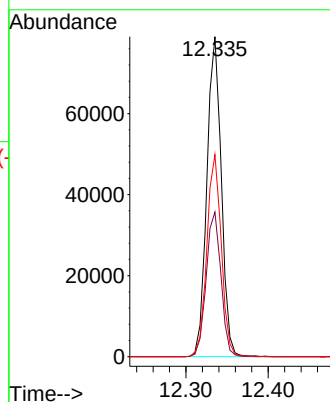
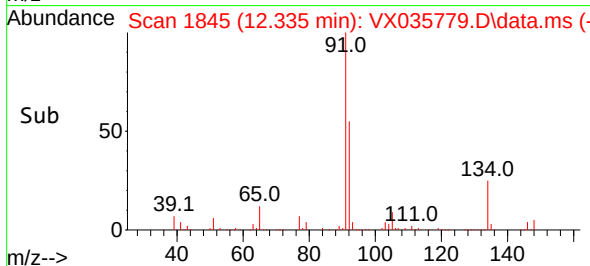
Tgt Ion:	146	Resp:	9648
Ion Ratio	Lower	Upper	
146	100		
111	46.2	22.0	66.0
148	62.8	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.660 ug/l

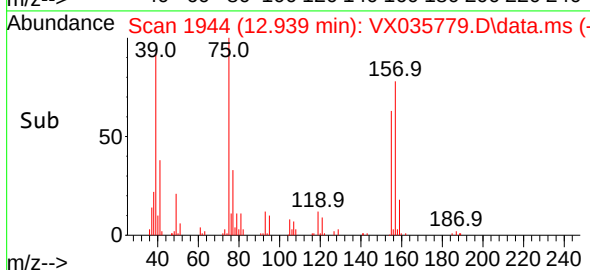
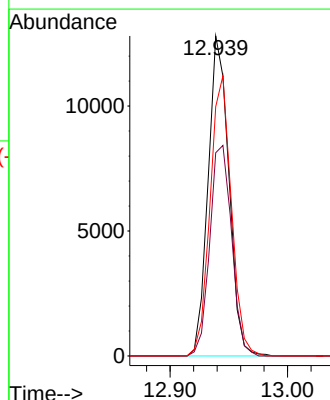
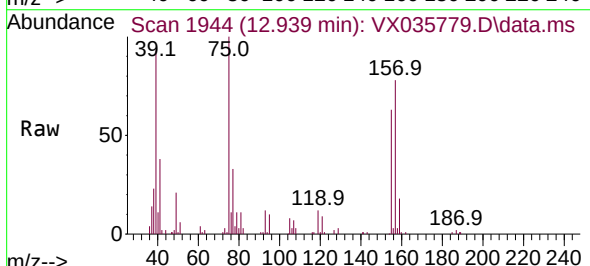
RT: 12.939 min Scan# 1944

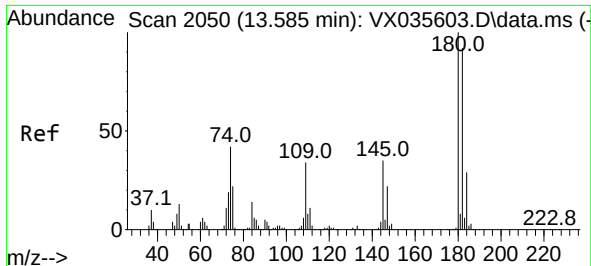
Delta R.T. -0.006 min

Lab File: VX035779.D

Acq: 22 May 2023 13:02

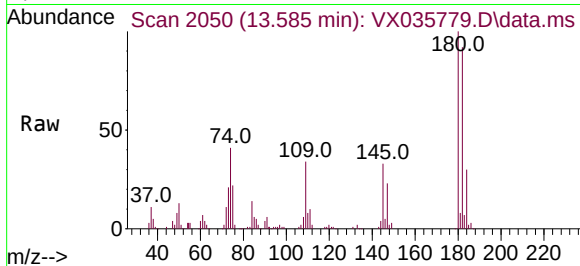
Tgt Ion:	75	Resp:	15697
Ion Ratio	Lower	Upper	
75	100		
155	69.3	38.4	115.1
157	89.7	49.9	149.7





#93
1,2,4-Trichlorobenzene
Concen: 18.194 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

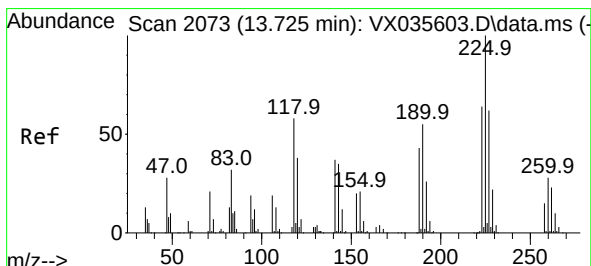
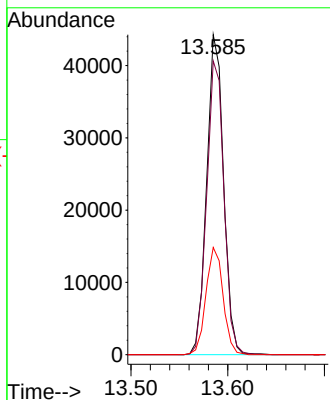
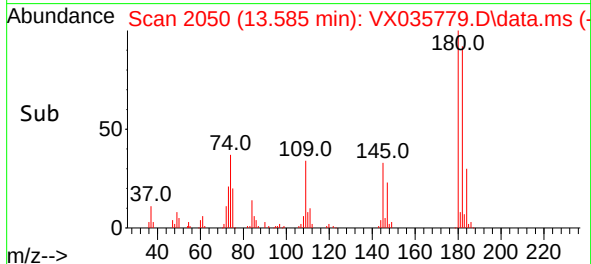
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



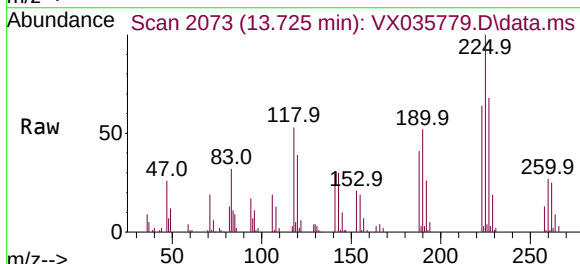
Tgt Ion:180 Resp: 5386
Ion Ratio Lower Upper
180 100
182 93.8 47.0 141.0
145 34.0 15.9 47.7

Manual Integrations
APPROVED

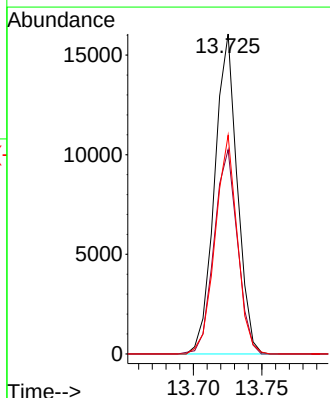
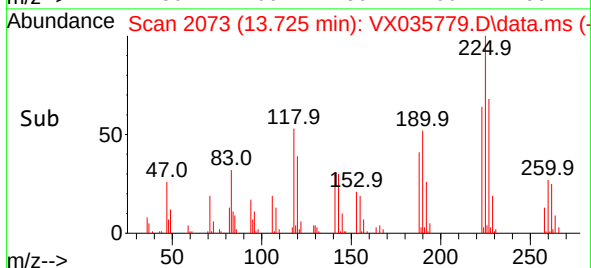
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

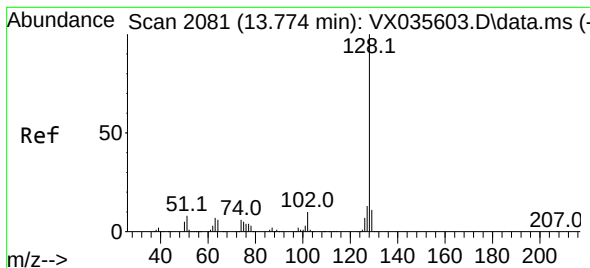


#94
Hexachlorobutadiene
Concen: 15.705 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02



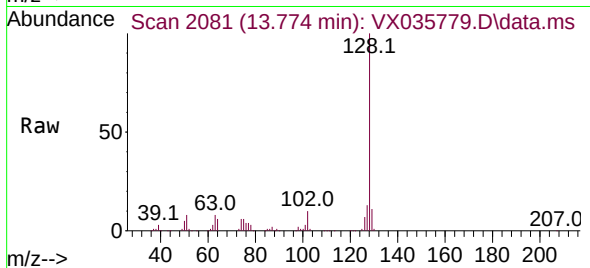
Tgt Ion:225 Resp: 18456
Ion Ratio Lower Upper
225 100
223 65.7 32.1 96.5
227 66.0 31.8 95.4





#95
Naphthalene
Concen: 19.639 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

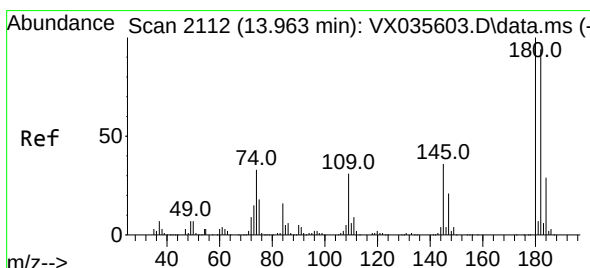
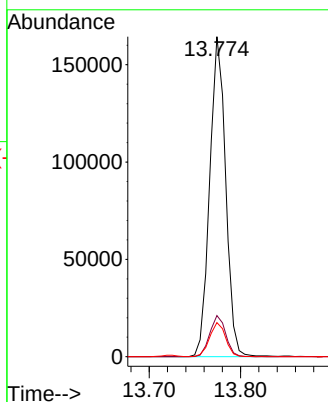
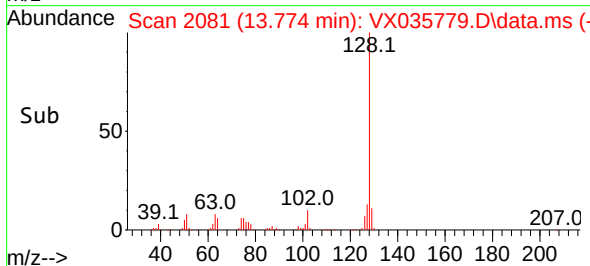
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



Tgt Ion:128 Resp: 199114
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.310 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035779.D
Acq: 22 May 2023 13:02

Tgt Ion:180 Resp: 53315
Ion Ratio Lower Upper
180 100
182 96.2 48.0 144.2
145 36.6 17.7 53.1

