

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039918.D
 Acq On : 23 Jan 2024 18:34
 Operator : JC/MD
 Sample : P1222-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-378-380MSD

Quant Time: Jan 24 02:36:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2024
 Supervised By : Mahesh Dadoda 01/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	78296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	137152	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62850	47.920	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.840%			
35) Dibromofluoromethane	5.379	113	46898	50.768	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.540%			
50) Toluene-d8	8.647	98	169506	48.652	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.300%			
62) 4-Bromofluorobenzene	11.079	95	69926	51.324	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.640%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	41981	41.441	ug/l	99
3) Chloromethane	1.295	50	47747	41.271	ug/l	99
4) Vinyl Chloride	1.374	62	48911	44.798	ug/l	97
5) Bromomethane	1.599	94	33378	53.579	ug/l	97
6) Chloroethane	1.685	64	31864	51.338	ug/l	99
7) Trichlorofluoromethane	1.886	101	79692	50.598	ug/l	100
8) Diethyl Ether	2.130	74	29097	49.991	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	47806	48.959	ug/l	97
10) Methyl Iodide	2.453	142	55395	53.776	ug/l	95
11) Tert butyl alcohol	2.959	59	90440	264.898	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	45330	48.103	ug/l	95
13) Acrolein	2.233	56	50028	237.470	ug/l	100
14) Allyl chloride	2.666	41	87357	47.100	ug/l	98
15) Acrylonitrile	3.063	53	170327	241.516	ug/l	99
16) Acetone	2.374	43	143539	194.598	ug/l	94
17) Carbon Disulfide	2.514	76	124206	45.858	ug/l	99
18) Methyl Acetate	2.697	43	77865	50.457	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	168684	50.421	ug/l	97
20) Methylene Chloride	2.788	84	55251	49.520	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	48170	48.574	ug/l	98
22) Diisopropyl ether	3.758	45	174979	49.436	ug/l	98
23) Vinyl Acetate	3.721	43	805360	244.781	ug/l	100
24) 1,1-Dichloroethane	3.611	63	97398	50.019	ug/l	99
25) 2-Butanone	4.550	43	244887	231.024	ug/l	99
26) 2,2-Dichloropropane	4.471	77	70706	45.243	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	57251	50.335	ug/l	99
28) Bromochloromethane	4.898	49	42437	48.079	ug/l	97
29) Tetrahydrofuran	4.995	42	161841	237.210	ug/l	100
30) Chloroform	5.093	83	102596	53.373	ug/l	96
31) Cyclohexane	5.471	56	80196	46.330	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	86841	52.770	ug/l	98
36) 1,1-Dichloropropene	5.696	75	72062	50.116	ug/l	99
37) Ethyl Acetate	4.709	43	90935	47.405	ug/l	99
38) Carbon Tetrachloride	5.678	117	70863	53.808	ug/l	99
39) Methylcyclohexane	7.379	83	80708	46.742	ug/l	98
40) Benzene	6.038	78	206975	50.834	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	49014	52.251	ug/l	93
42) 1,2-Dichloroethane	6.080	62	85113	54.984	ug/l	99
43) Isopropyl Acetate	6.336	43	141880	50.419	ug/l	99
44) Trichloroethene	7.123	130	51743	51.854	ug/l	94
45) 1,2-Dichloropropane	7.428	63	56317	51.561	ug/l	99
46) Dibromomethane	7.580	93	41834	55.453	ug/l	95
47) Bromodichloromethane	7.818	83	79133	56.636	ug/l	99
48) Methyl methacrylate	7.690	41	71973	52.034	ug/l	92
49) 1,4-Dioxane	7.653	88	26339	984.117	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	500950	258.483	ug/l	98
52) Toluene	8.720	92	131133	53.921	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	81629	55.058	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	85265	52.302	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	54878	53.001	ug/l	94
56) Ethyl methacrylate	9.116	69	91651	54.691	ug/l	97
57) 1,3-Dichloropropane	9.305	76	95404	54.371	ug/l	99
59) 2-Hexanone	9.427	43	400096	260.844	ug/l	97
60) Dibromochloromethane	9.519	129	57594	58.983	ug/l	99
61) 1,2-Dibromoethane	9.610	107	60104	56.055	ug/l	100
64) Tetrachloroethene	9.269	164	42156	50.472	ug/l	93
65) Chlorobenzene	10.080	112	141108	52.749	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	51664	56.719	ug/l	98
67) Ethyl Benzene	10.195	91	262069	52.768	ug/l	99
68) m/p-Xylenes	10.299	106	194134	106.288	ug/l	96
69) o-Xylene	10.640	106	95909	53.023	ug/l	95
70) Styrene	10.653	104	155473	52.618	ug/l	97
71) Bromoform	10.799	173	39719	58.072	ug/l #	99
73) Isopropylbenzene	10.964	105	257681	49.327	ug/l	99
74) N-amyl acetate	10.842	43	130617	47.968	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	98535	49.396	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	83060m	48.827	ug/l	
77) Bromobenzene	11.195	156	57855	49.741	ug/l	95
78) n-propylbenzene	11.305	91	318095	50.310	ug/l	97
79) 2-Chlorotoluene	11.360	91	186219	47.653	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	221934	50.021	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	25696	45.555	ug/l	99
82) 4-Chlorotoluene	11.451	91	219696	49.564	ug/l	99
83) tert-Butylbenzene	11.713	119	213534	50.411	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	220969	49.920	ug/l	99
85) sec-Butylbenzene	11.890	105	275767	50.152	ug/l	99
86) p-Isopropyltoluene	12.006	119	226070	51.442	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	112414	50.419	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	113693	49.372	ug/l	99
89) n-Butylbenzene	12.329	91	217342	51.205	ug/l	96
90) Hexachloroethane	12.536	117	39255	52.948	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	108434	49.193	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25509	52.186	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	66616	49.454	ug/l	98
94) Hexachlorobutadiene	13.725	225	27994	49.993	ug/l	97
95) Naphthalene	13.774	128	241184	48.636	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	65819	48.414	ug/l	100

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Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD

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

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

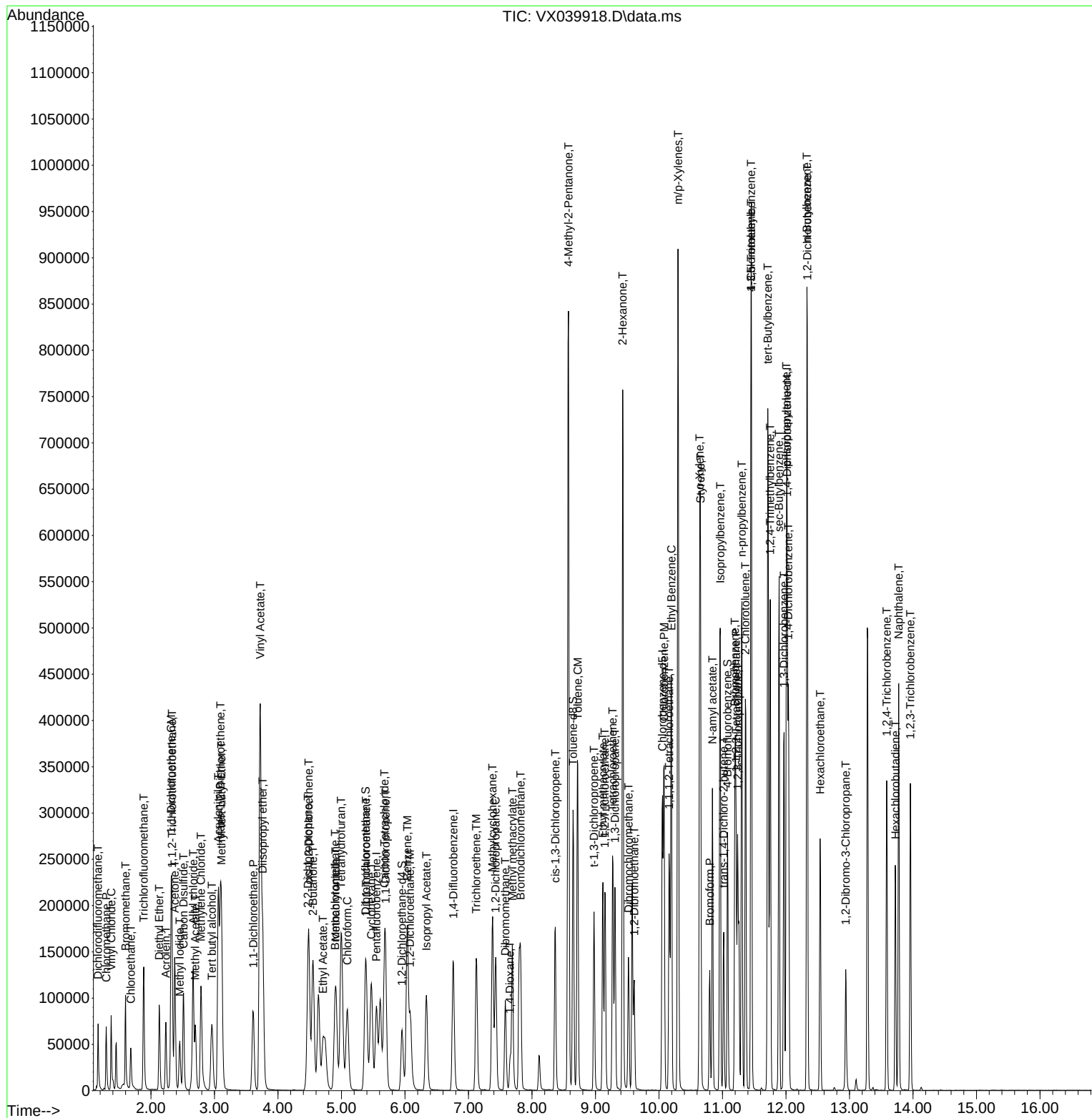
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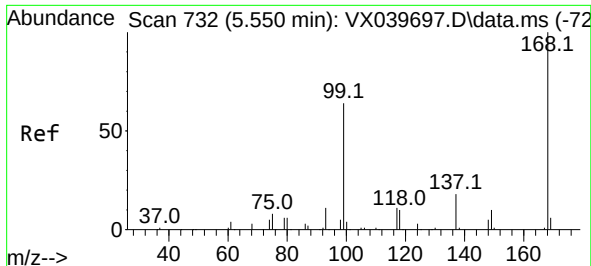
Instrument :
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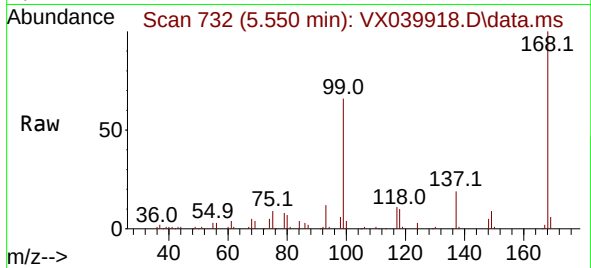
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

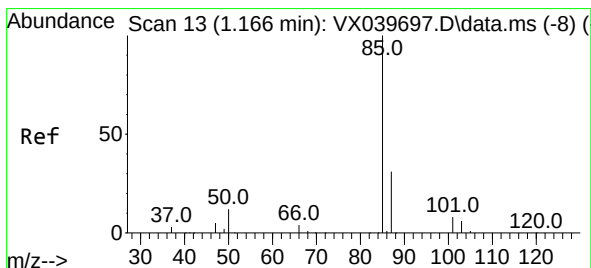
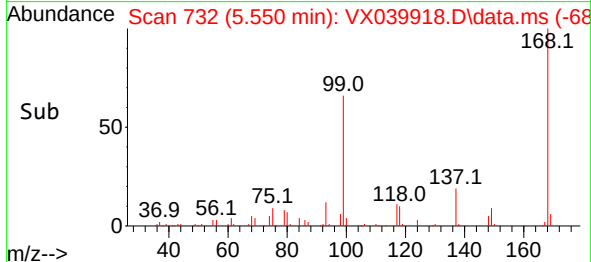
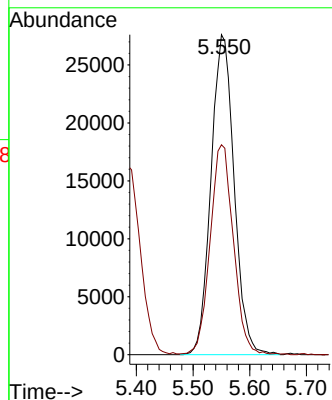
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



Tgt Ion:168 Resp: 78290
Ion Ratio Lower Upper
168 100
99 65.4 56.6 85.0

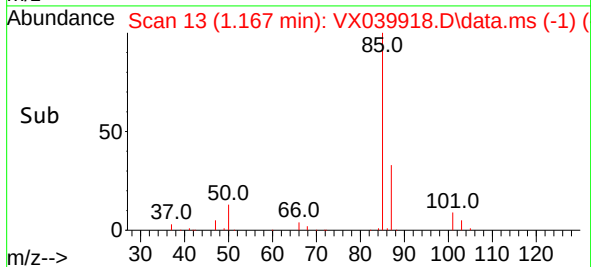
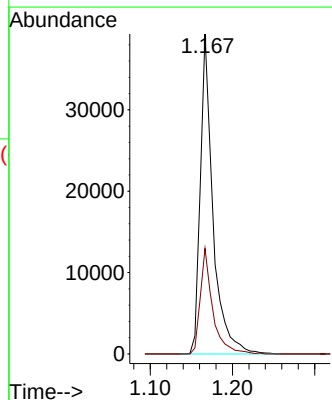
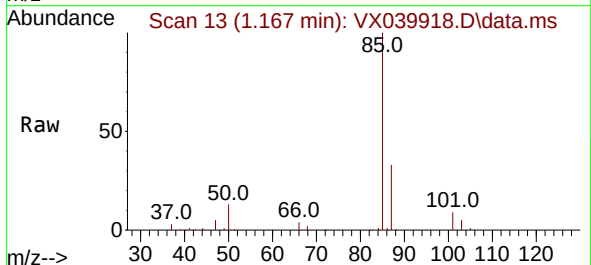
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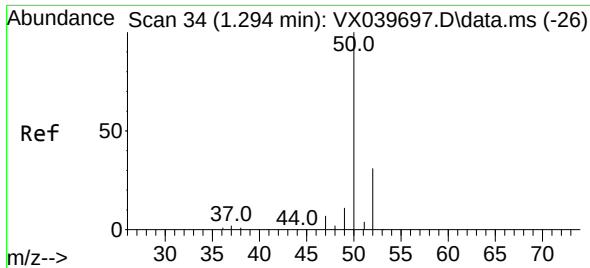
Reviewed By :John Carlone 01/24/2024
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#2
Dichlorodifluoromethane
Concen: 41.441 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

Tgt Ion: 85 Resp: 41981
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1





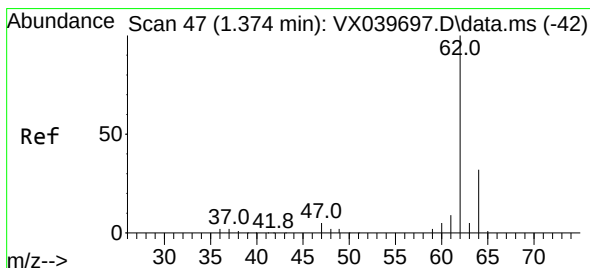
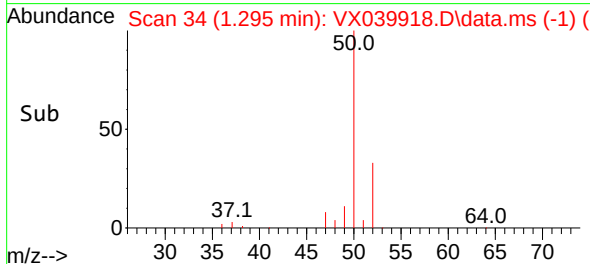
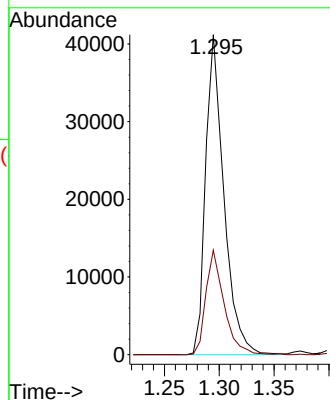
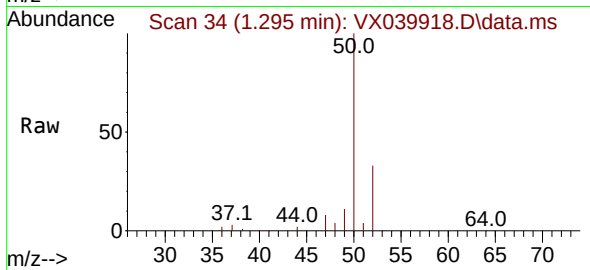
#3
Chloromethane
Concen: 41.271 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD

Tgt Ion: 50 Resp: 4774
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3

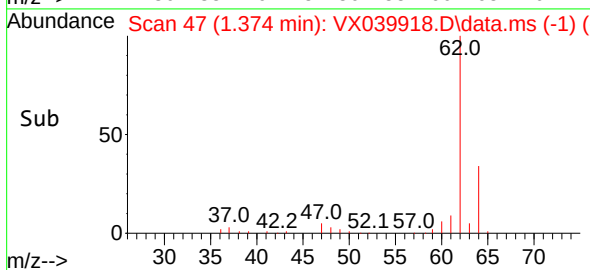
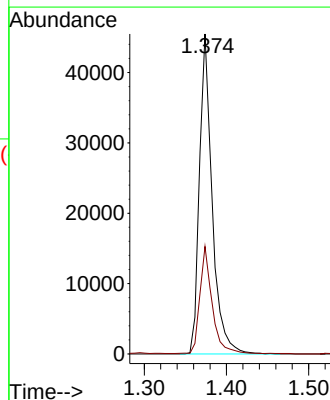
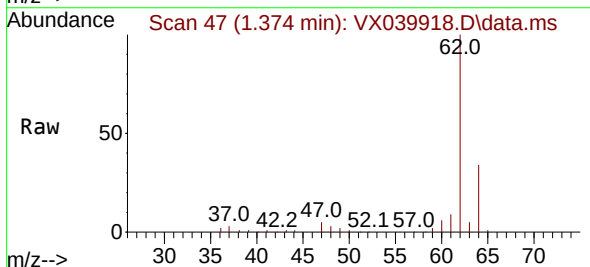
Manual Integrations
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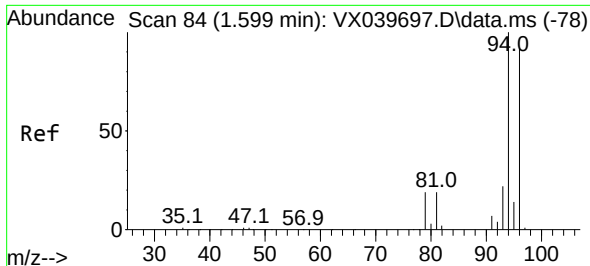
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#4
Vinyl Chloride
Concen: 44.798 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

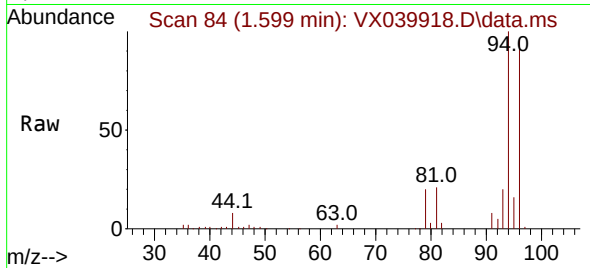
Tgt Ion: 62 Resp: 48911
Ion Ratio Lower Upper
62 100
64 33.5 25.4 38.0





#5
Bromomethane
Concen: 53.579 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

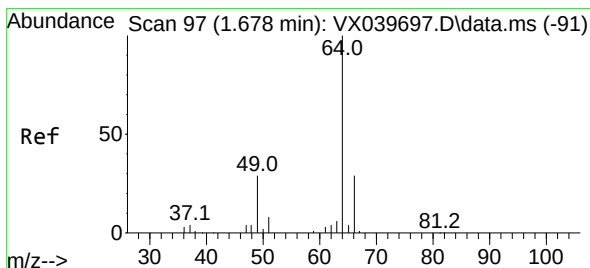
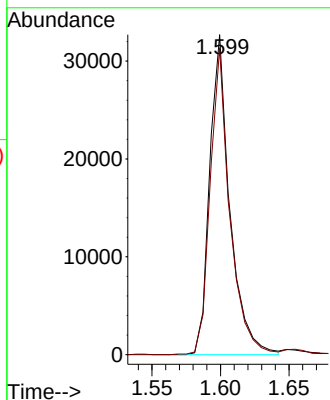
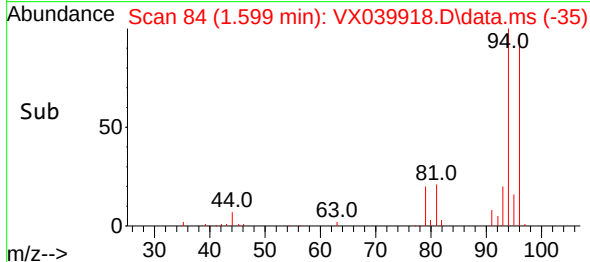
Instrument :
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Tgt Ion: 94 Resp: 33378
Ion Ratio Lower Upper
94 100
96 95.8 74.6 111.8

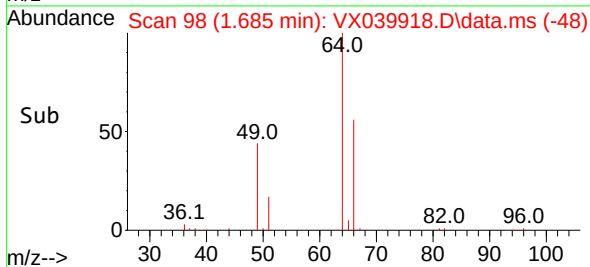
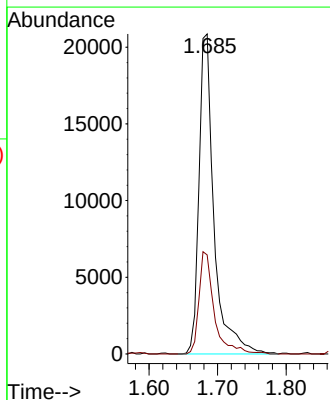
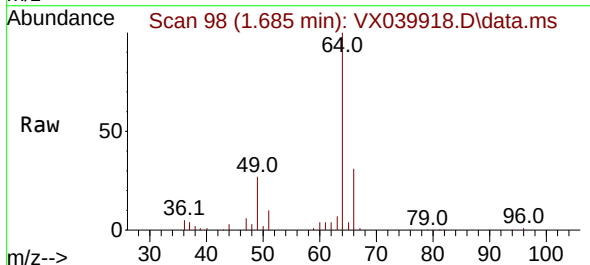
Manual Integrations
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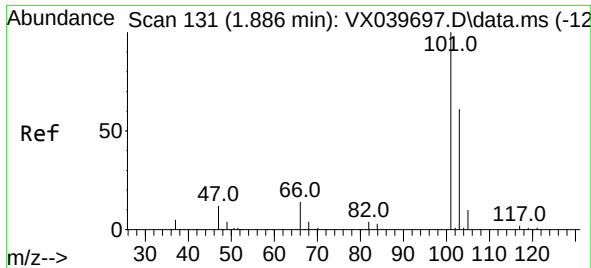
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#6
Chloroethane
Concen: 51.338 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

Tgt Ion: 64 Resp: 31864
Ion Ratio Lower Upper
64 100
66 30.9 25.1 37.7





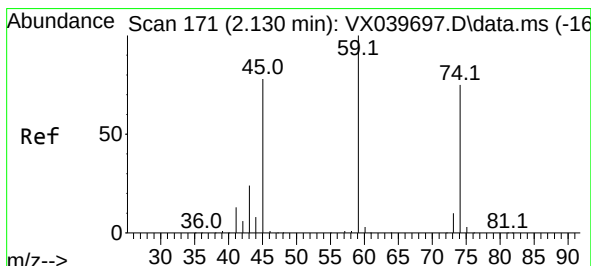
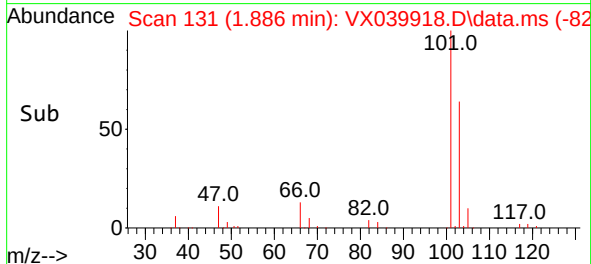
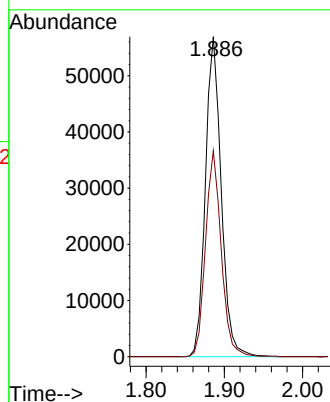
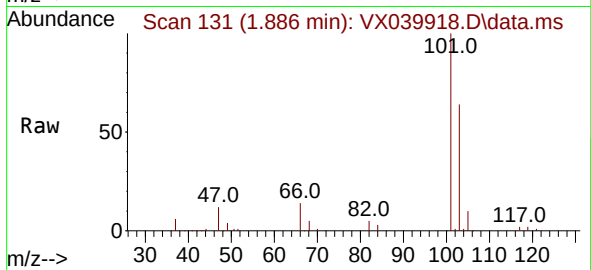
#7
Trichlorofluoromethane
Concen: 50.598 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

Instrument :
MSVOA_X
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BP-VPB-191-GW-378-380MSD

Tgt Ion:101 Resp: 79692
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

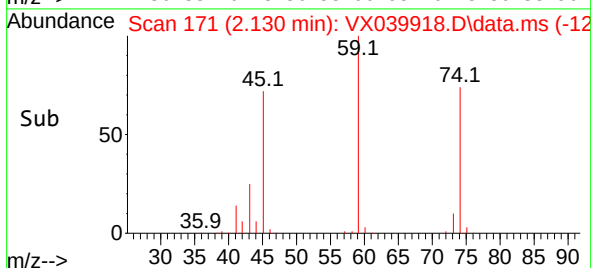
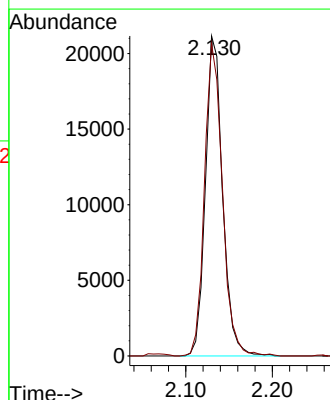
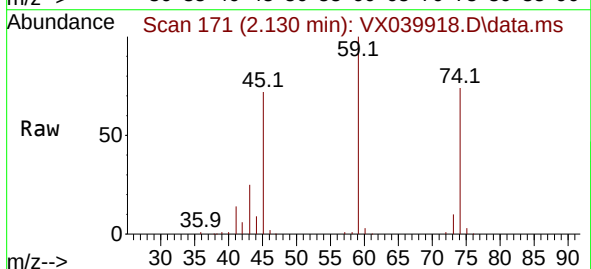
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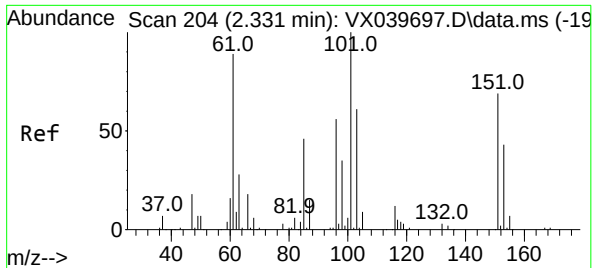
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#8
Diethyl Ether
Concen: 49.991 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

Tgt Ion: 74 Resp: 29097
Ion Ratio Lower Upper
74 100
45 102.0 53.3 159.8





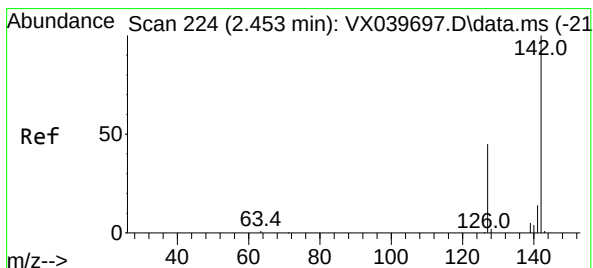
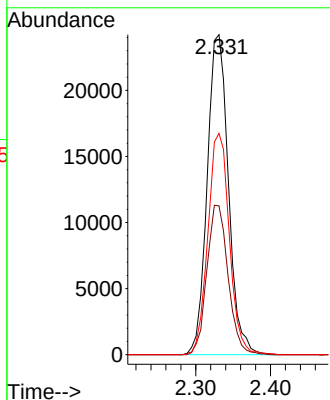
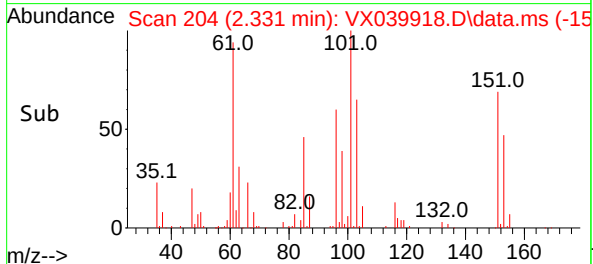
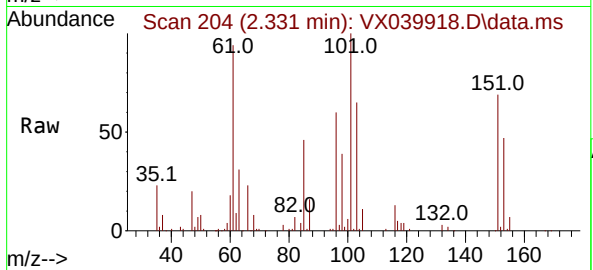
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.959 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD

Tgt Ion:101 Resp: 47800
Ion Ratio Lower Upper
101 100
85 46.8 37.0 55.6
151 69.8 58.6 87.8

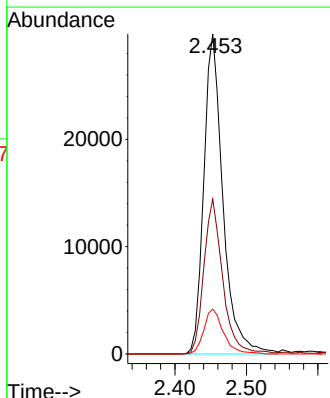
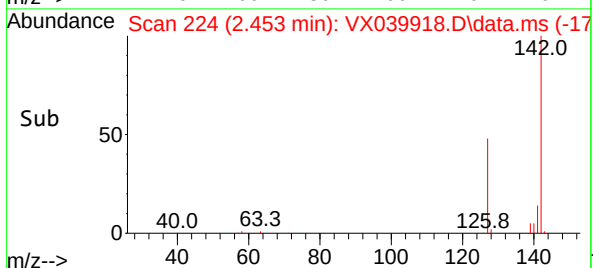
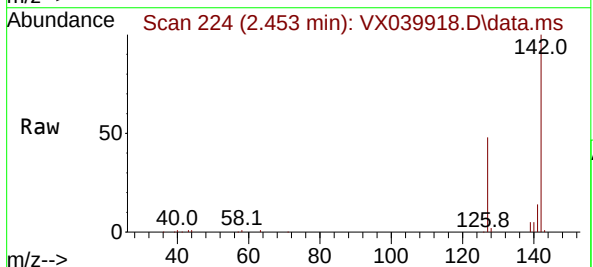
Manual Integrations
APPROVED

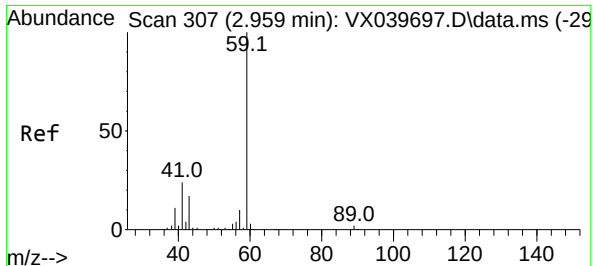
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#10
Methyl Iodide
Concen: 53.776 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

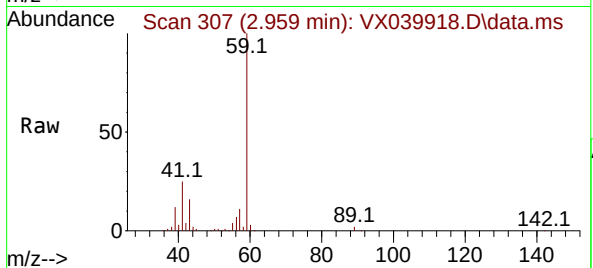
Tgt Ion:142 Resp: 55395
Ion Ratio Lower Upper
142 100
127 47.6 41.6 62.4
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 264.898 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

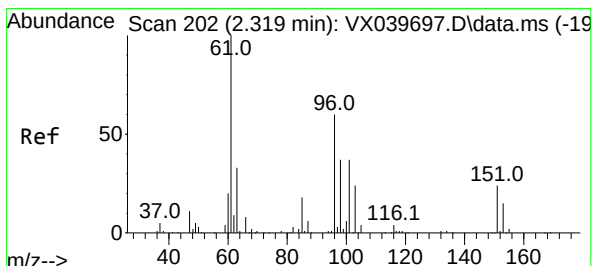
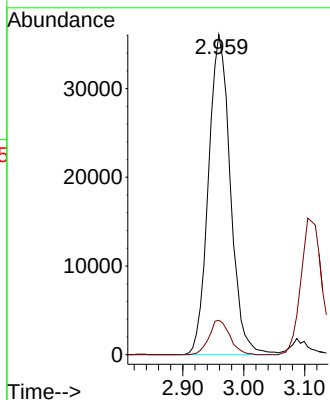
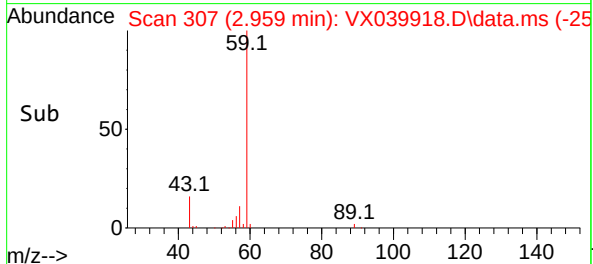
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



Tgt Ion: 59 Resp: 90440
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0

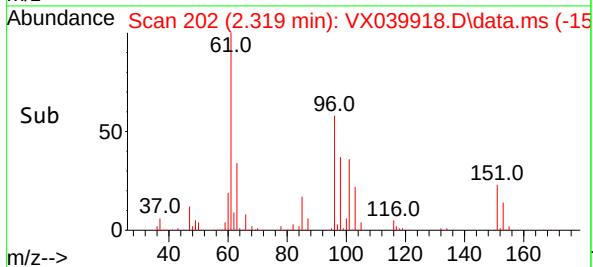
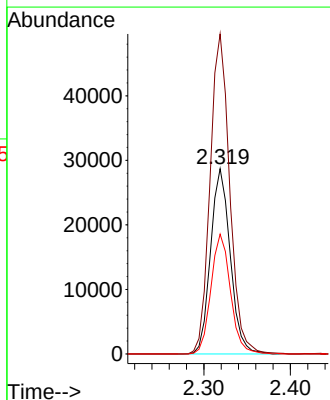
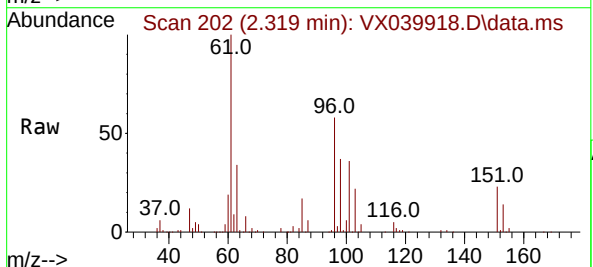
Manual Integrations
APPROVED

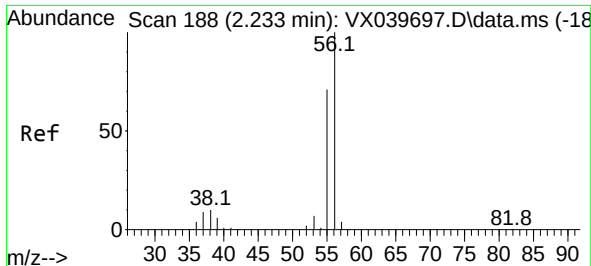
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#12
1,1-Dichloroethene
Concen: 48.103 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

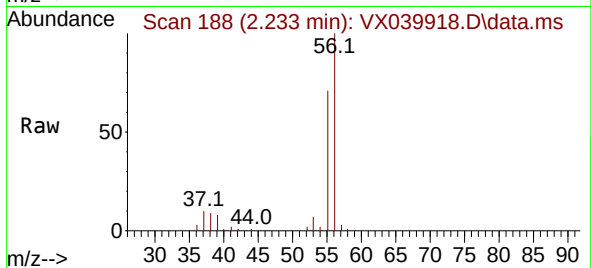
Tgt Ion: 96 Resp: 45330
Ion Ratio Lower Upper
96 100
61 172.7 144.6 216.8
98 64.7 50.4 75.6





#13
Acrolein
Concen: 237.470 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

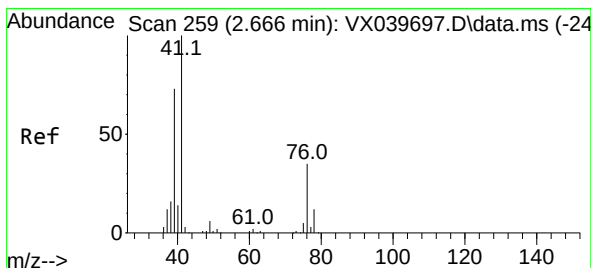
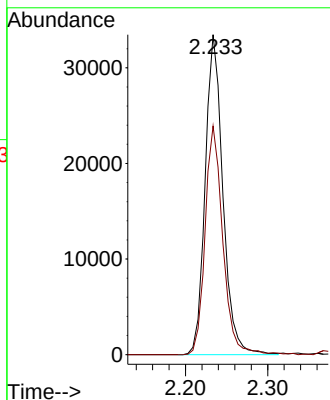
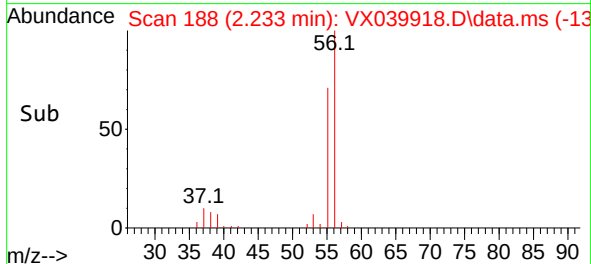
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



Tgt Ion: 56 Resp: 50028
Ion Ratio Lower Upper
56 100
55 71.8 57.1 85.7

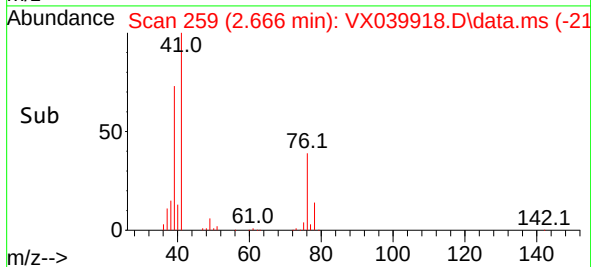
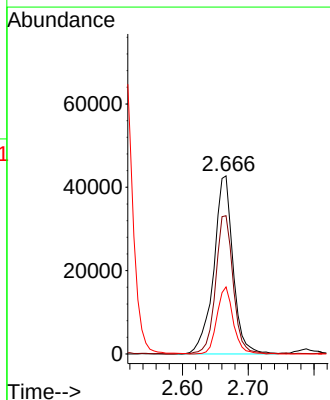
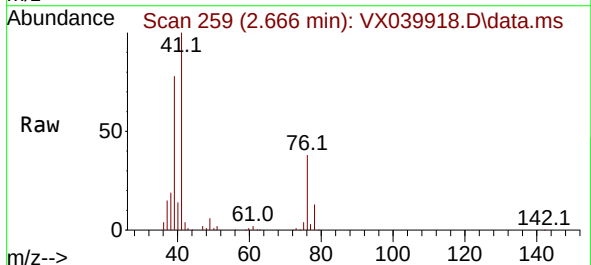
Manual Integrations
APPROVED

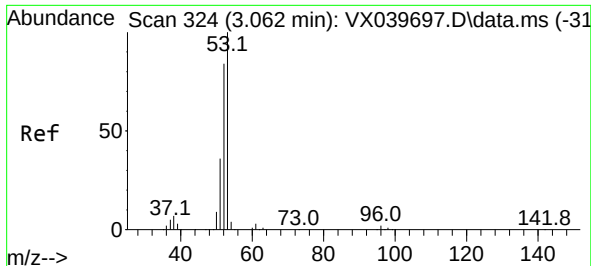
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#14
Allyl chloride
Concen: 47.100 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

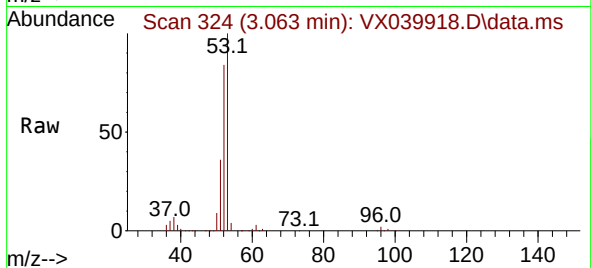
Tgt Ion: 41 Resp: 87357
Ion Ratio Lower Upper
41 100
39 70.8 55.8 83.6
76 31.6 24.3 36.5





#15
Acrylonitrile
Concen: 241.516 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

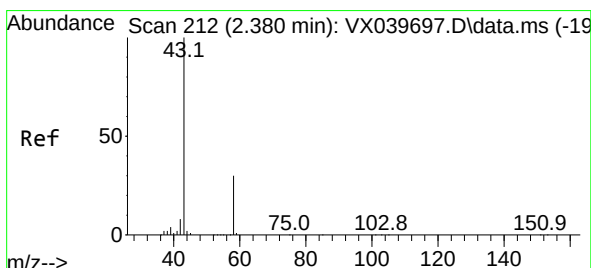
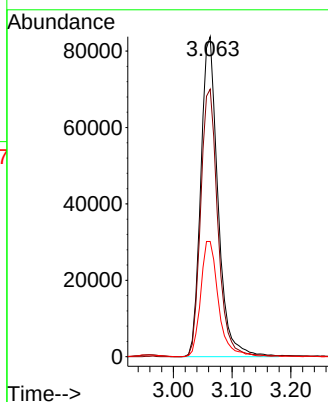
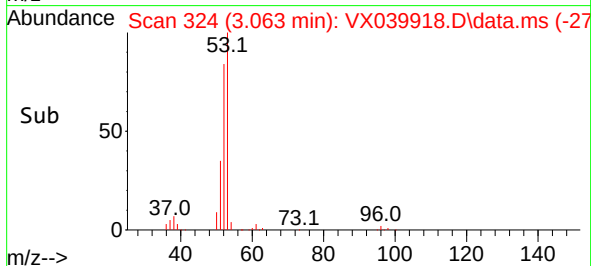
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



Tgt Ion: 53 Resp: 17032
Ion Ratio Lower Upper
53 100
52 83.6 66.0 99.0
51 37.4 29.8 44.6

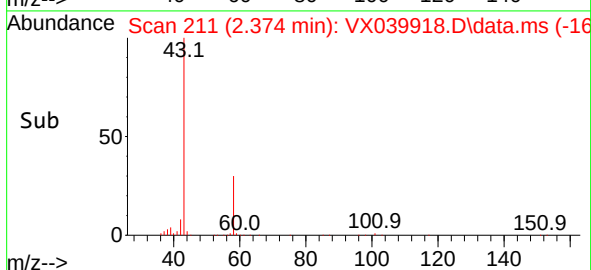
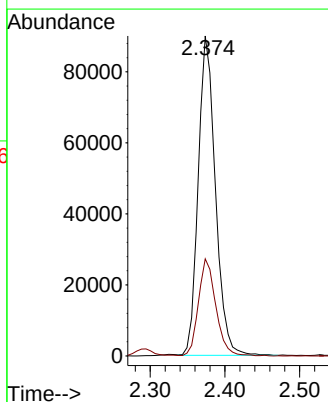
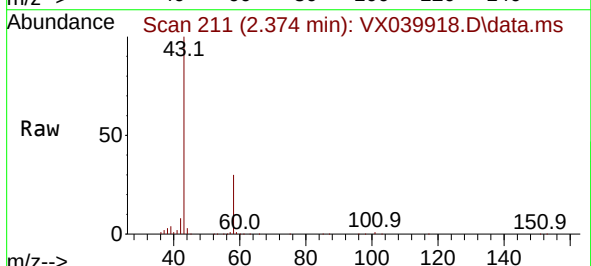
Manual Integrations
APPROVED

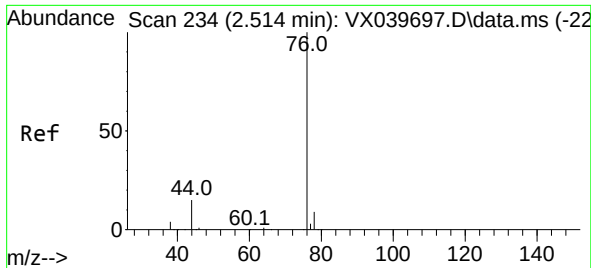
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#16
Acetone
Concen: 194.598 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

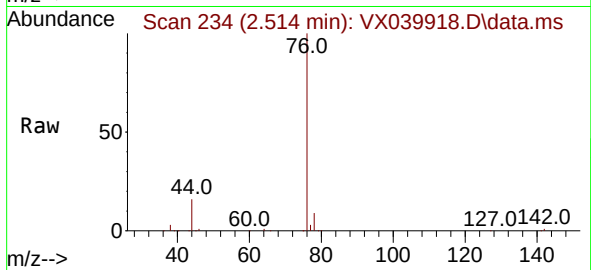
Tgt Ion: 43 Resp: 143539
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9





#17
Carbon Disulfide
Concen: 45.858 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

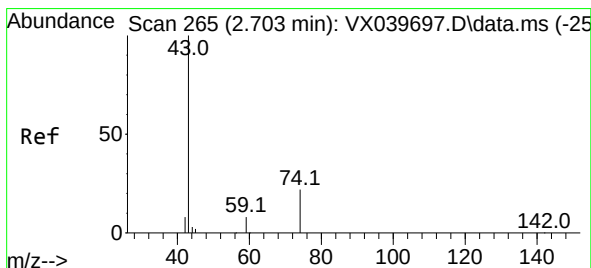
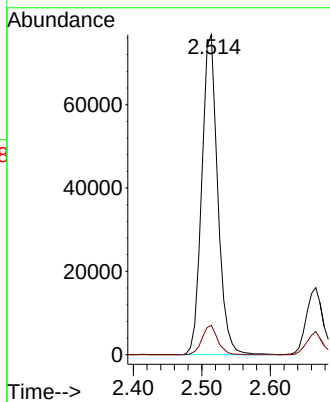
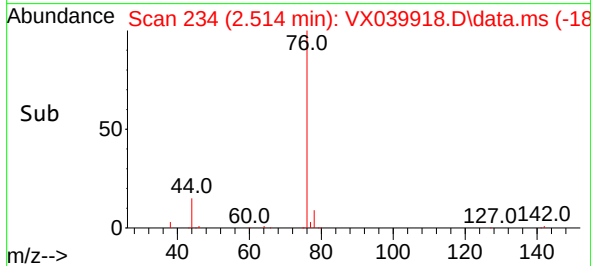
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



Tgt Ion: 76 Resp: 124200
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

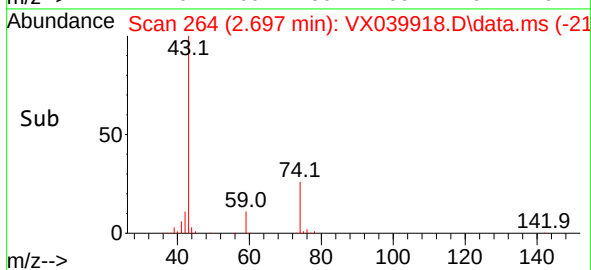
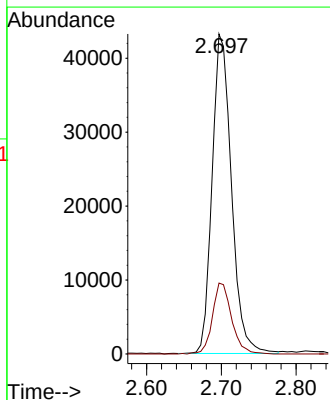
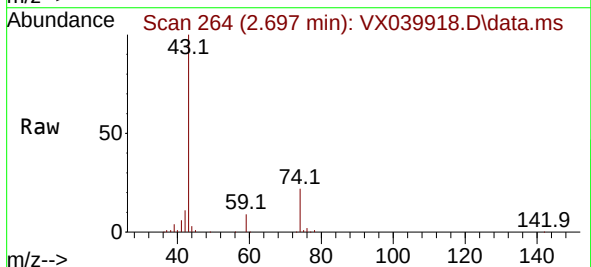
Manual Integrations
APPROVED

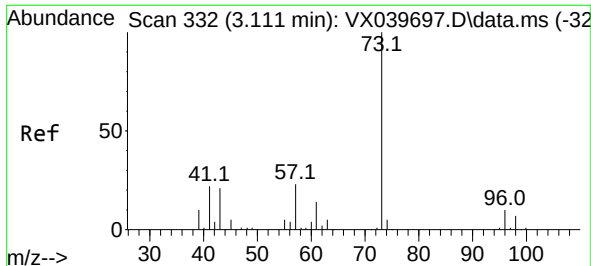
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#18
Methyl Acetate
Concen: 50.457 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

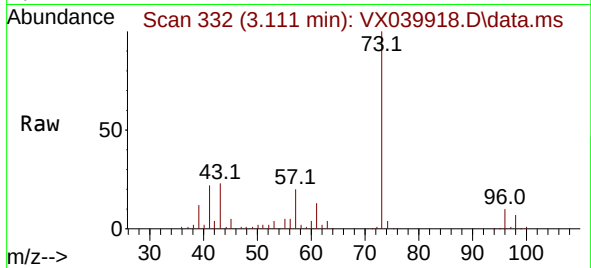
Tgt Ion: 43 Resp: 77865
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 50.421 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

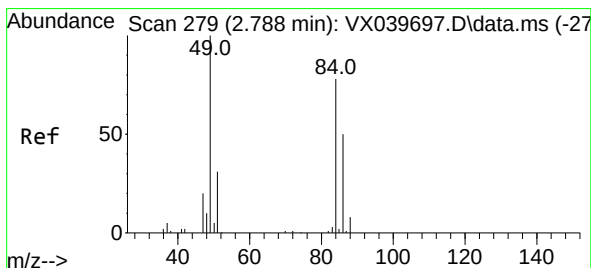
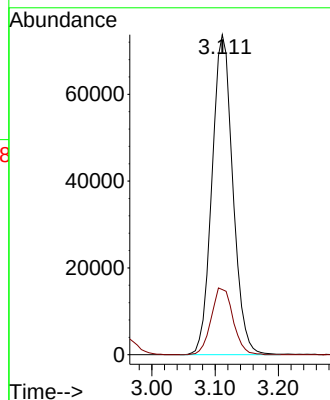
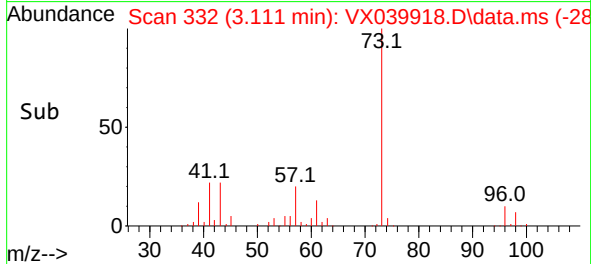
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



Tgt Ion: 73 Resp: 168684
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9

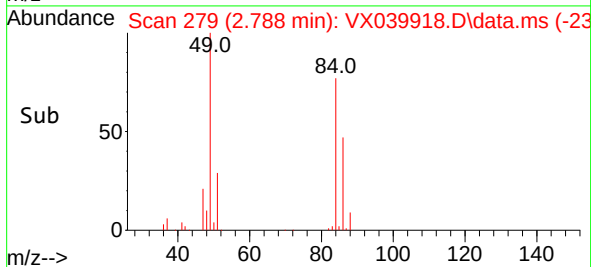
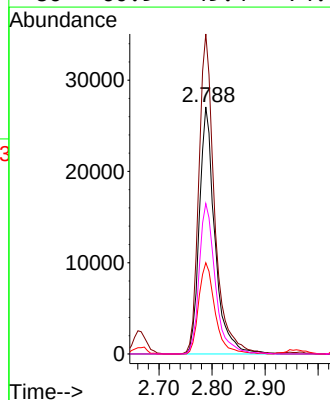
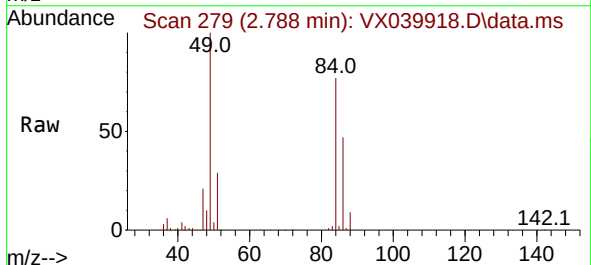
Manual Integrations
APPROVED

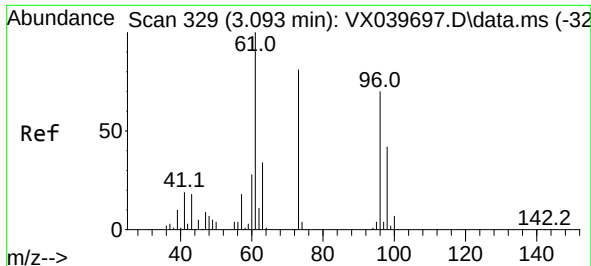
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#20
Methylene Chloride
Concen: 49.520 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

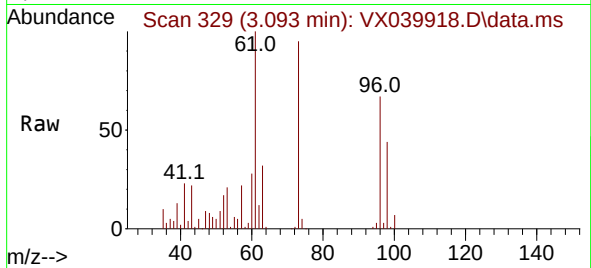
Tgt Ion: 84 Resp: 55251
Ion Ratio Lower Upper
84 100
49 129.5 103.6 155.4
51 36.9 33.8 50.6
86 60.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.574 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

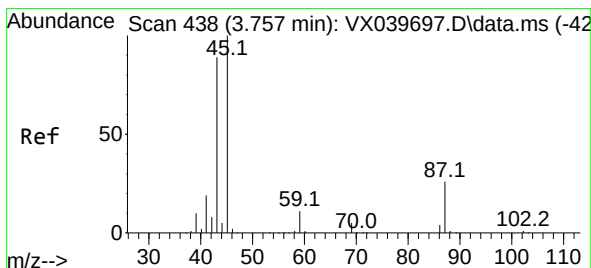
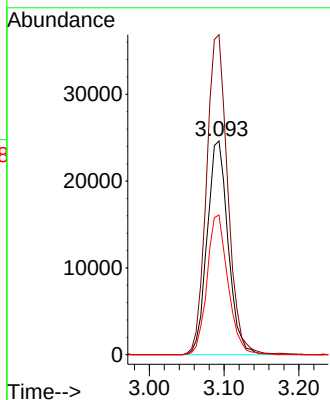
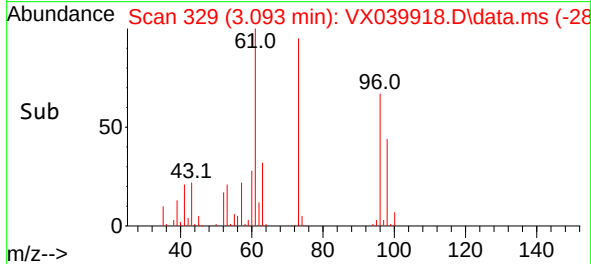
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



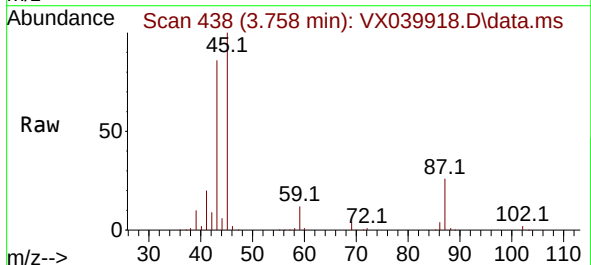
Tgt Ion: 96 Resp: 48170
Ion Ratio Lower Upper
96 100
61 149.6 119.2 178.8
98 65.3 48.7 73.1

Manual Integrations
APPROVED

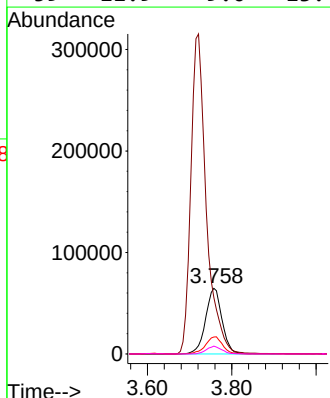
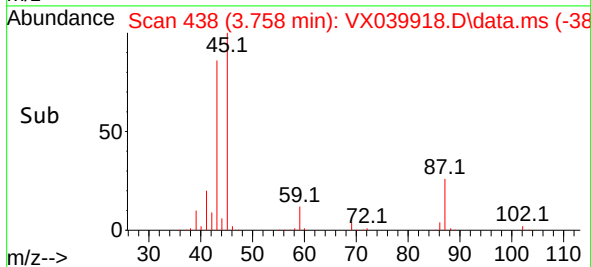
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

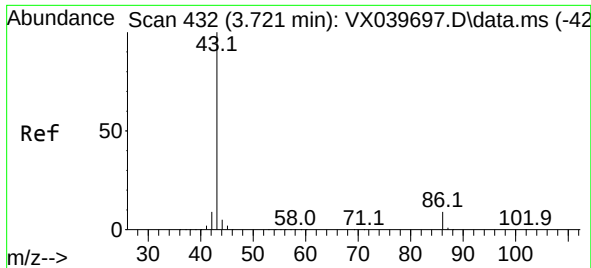


#22
Diisopropyl ether
Concen: 49.436 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34



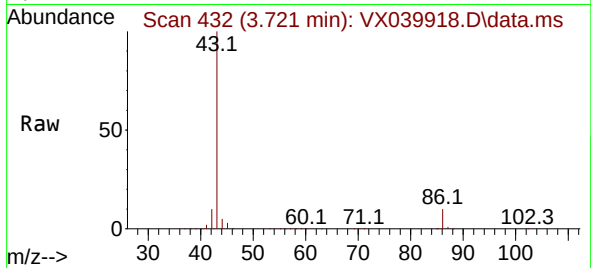
Tgt Ion: 45 Resp: 174979
Ion Ratio Lower Upper
45 100
43 85.1 69.7 104.5
87 25.9 20.8 31.2
59 11.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 244.781 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039918.D
 Acq: 23 Jan 2024 18:34

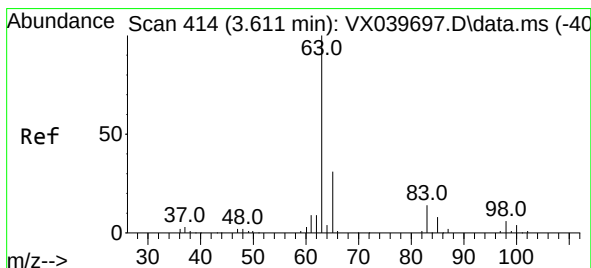
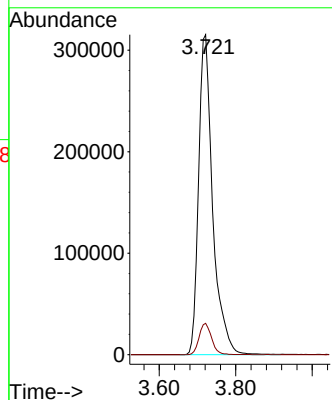
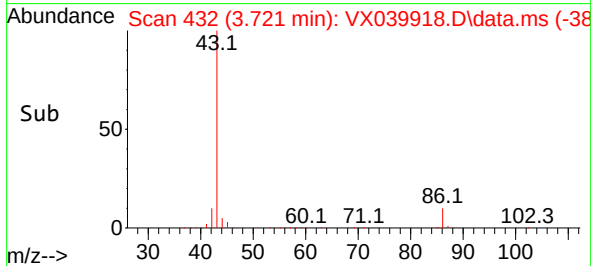
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-378-380MSD



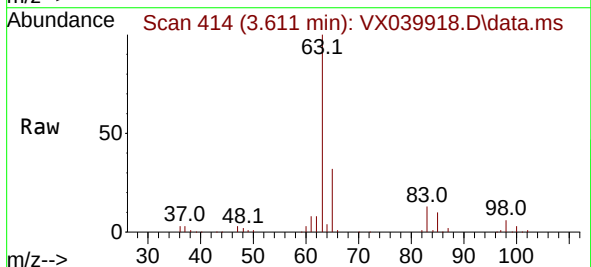
Tgt Ion: 43 Resp: 805360
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

Manual Integrations
 APPROVED

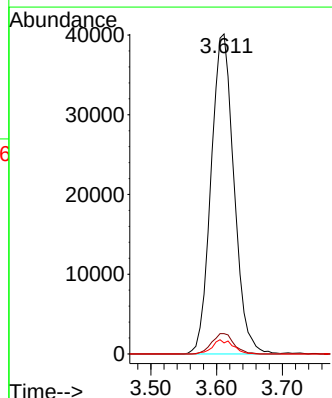
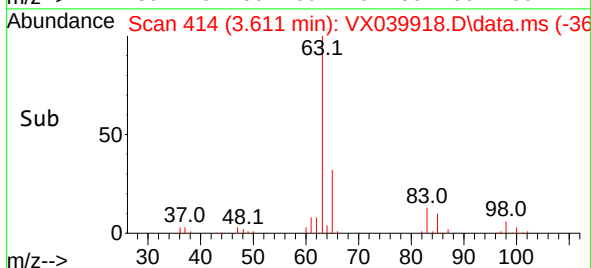
Reviewed By :John Carlone 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

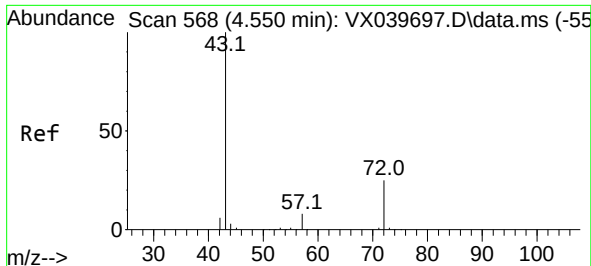


#24
 1,1-Dichloroethane
 Concen: 50.019 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX039918.D
 Acq: 23 Jan 2024 18:34



Tgt Ion: 63 Resp: 97398
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.8
 100 3.4 2.1 6.5





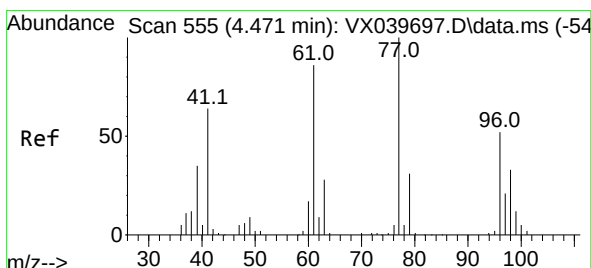
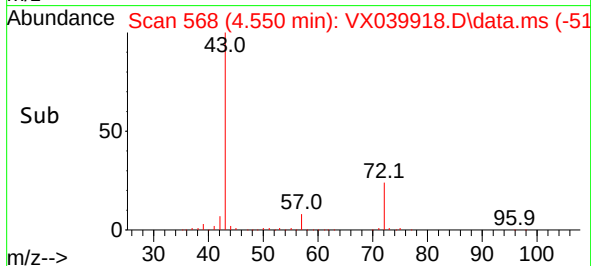
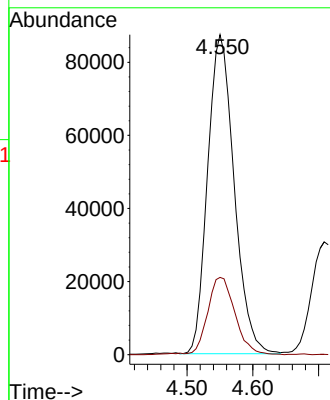
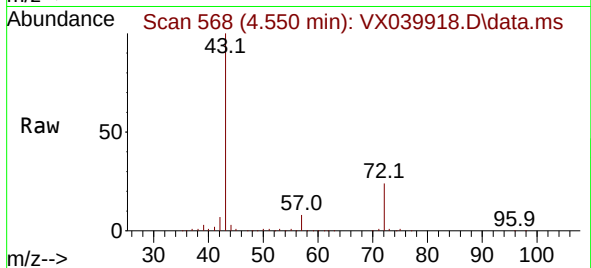
#25
2-Butanone
Concen: 231.024 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD

Tgt Ion: 43 Resp: 24488
Ion Ratio Lower Upper
43 100
72 24.0 19.4 29.2

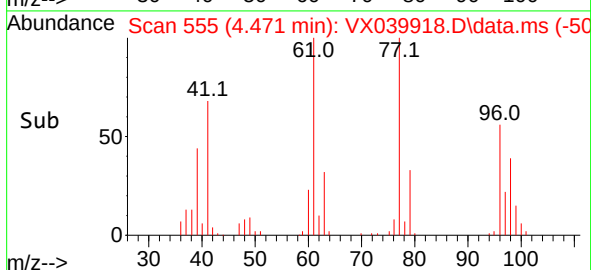
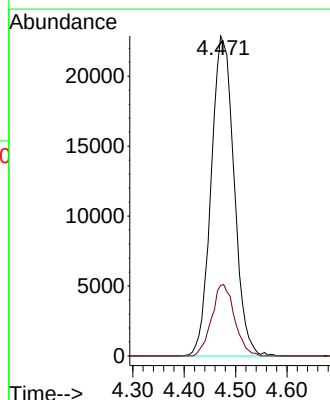
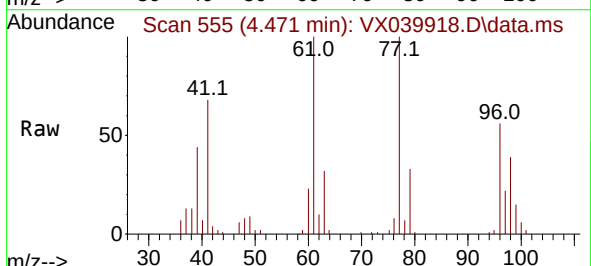
Manual Integrations
APPROVED

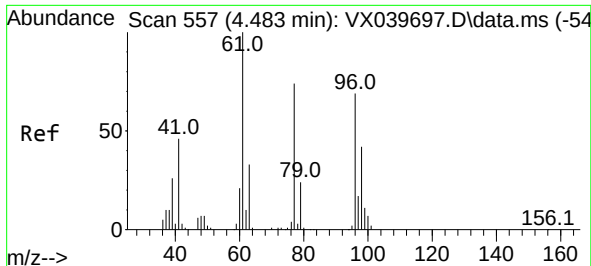
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#26
2,2-Dichloropropane
Concen: 45.243 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

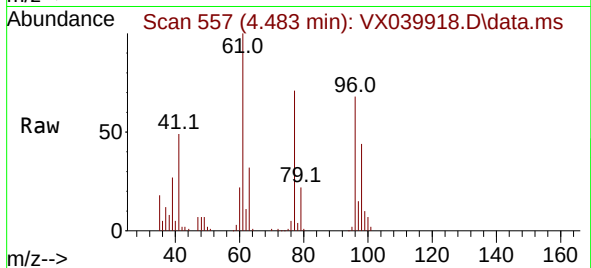
Tgt Ion: 77 Resp: 70706
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 50.335 ug/l
RT: 4.483 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

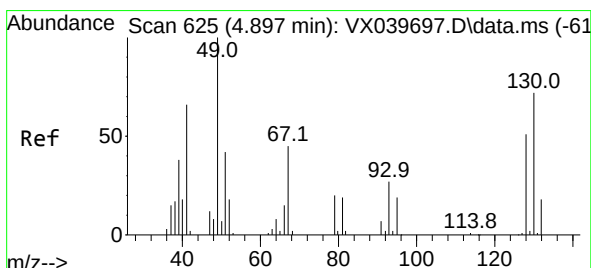
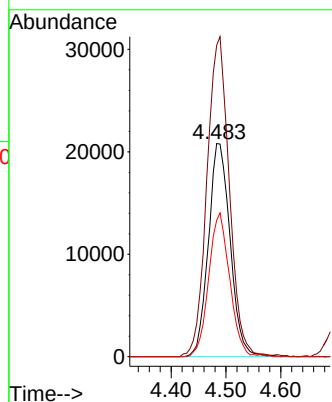
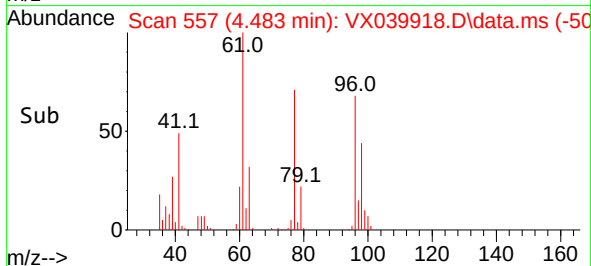
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



Tgt Ion: 96 Resp: 5725
Ion Ratio Lower Upper
96 100
61 154.1 0.0 312.2
98 65.1 0.0 129.0

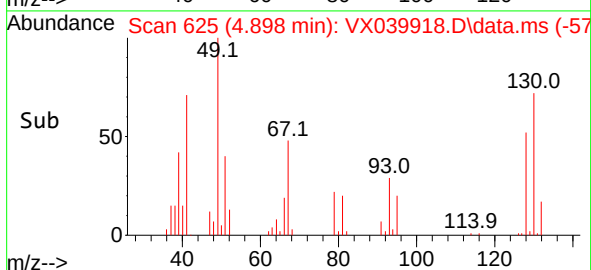
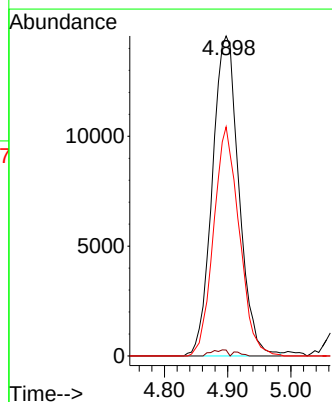
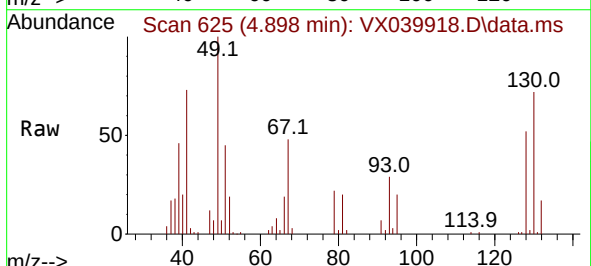
Manual Integrations
APPROVED

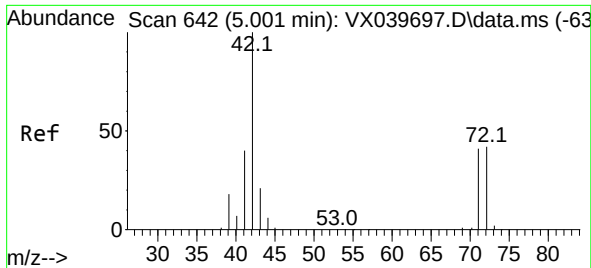
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#28
Bromochloromethane
Concen: 48.079 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

Tgt Ion: 49 Resp: 42437
Ion Ratio Lower Upper
49 100
129 1.1 0.0 3.8
130 69.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 237.210 ug/l

RT: 4.995 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX039918.D

Acq: 23 Jan 2024 18:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MSD

Tgt Ion: 42 Resp: 16184

Ion Ratio Lower Upper

42 100

72 43.0 34.2 51.4

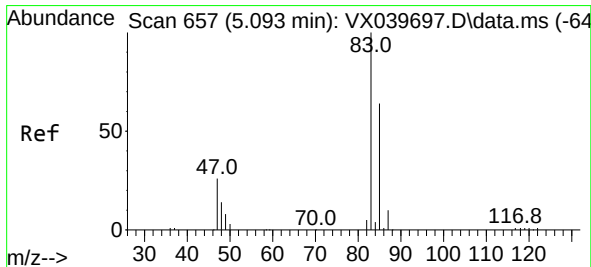
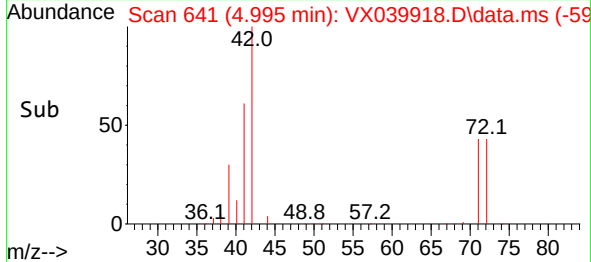
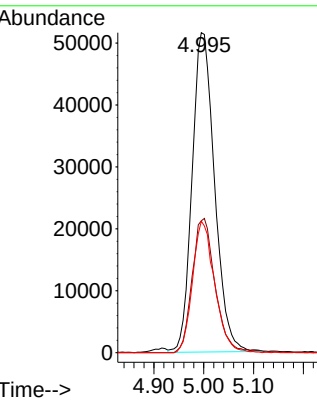
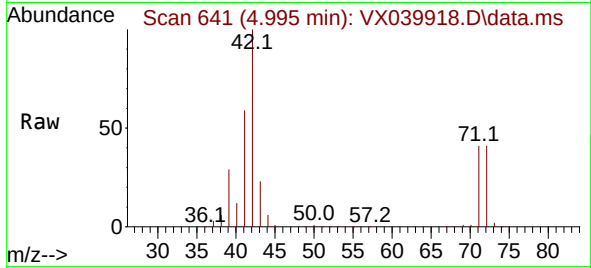
71 40.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#30

Chloroform

Concen: 53.373 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039918.D

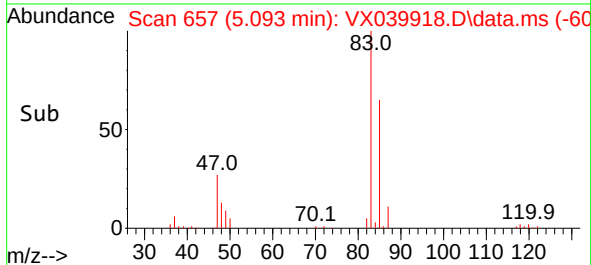
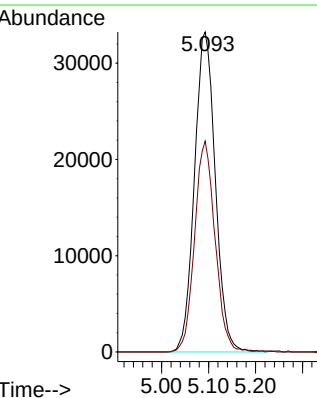
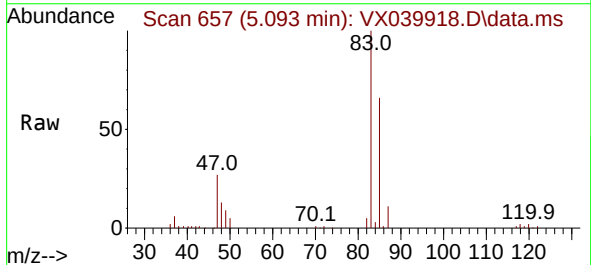
Acq: 23 Jan 2024 18:34

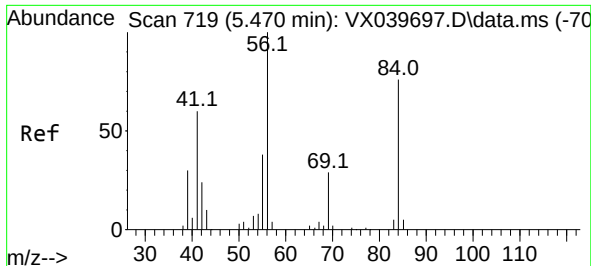
Tgt Ion: 83 Resp: 102596

Ion Ratio Lower Upper

83 100

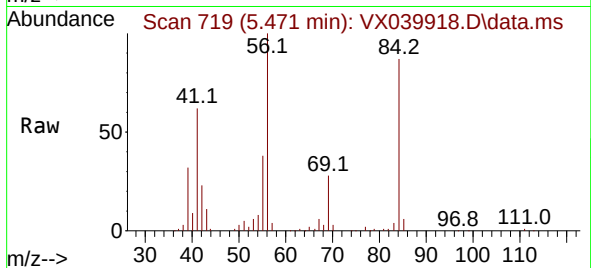
85 65.9 50.3 75.5





#31
Cyclohexane
Concen: 46.330 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

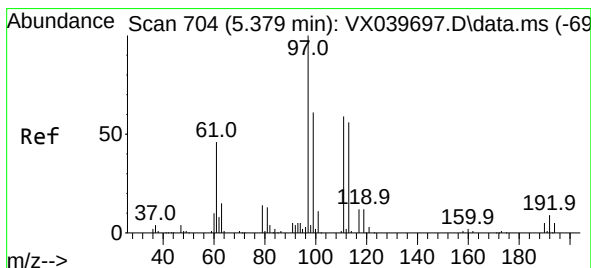
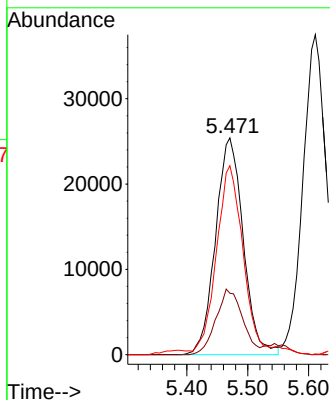
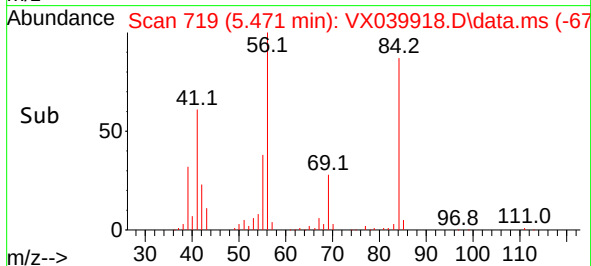
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



Tgt Ion: 56 Resp: 80190
Ion Ratio Lower Upper
56 100
69 28.3 23.4 35.2
84 85.1 65.9 98.9

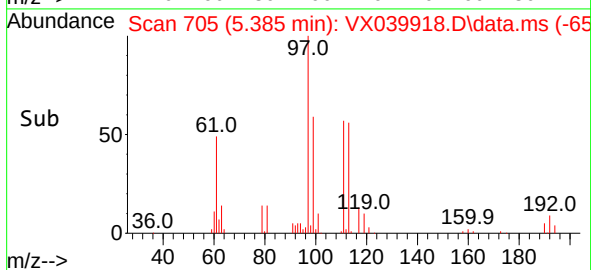
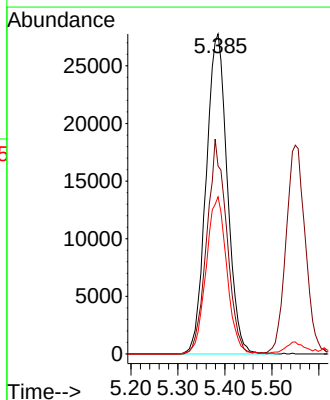
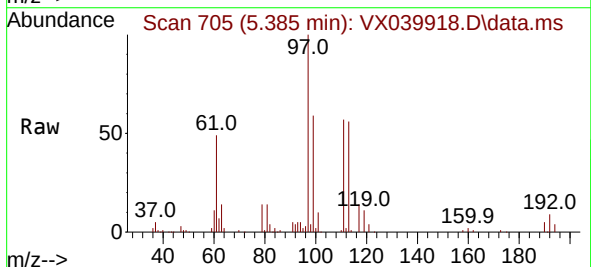
Manual Integrations
APPROVED

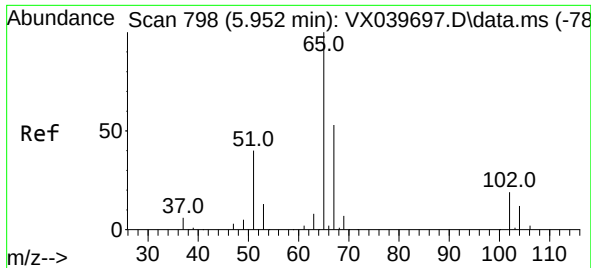
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#32
1,1,1-Trichloroethane
Concen: 52.770 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

Tgt Ion: 97 Resp: 86841
Ion Ratio Lower Upper
97 100
99 63.2 51.1 76.7
61 48.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.920 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039918.D

Acq: 23 Jan 2024 18:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MSD

Tgt Ion: 65 Resp: 62850

Ion Ratio Lower Upper

65 100

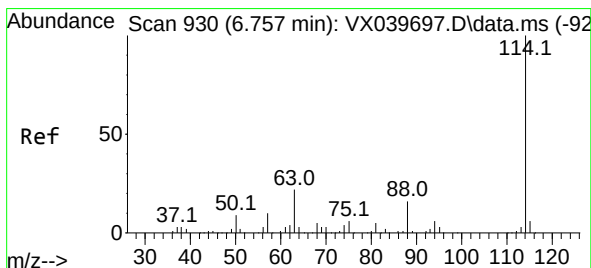
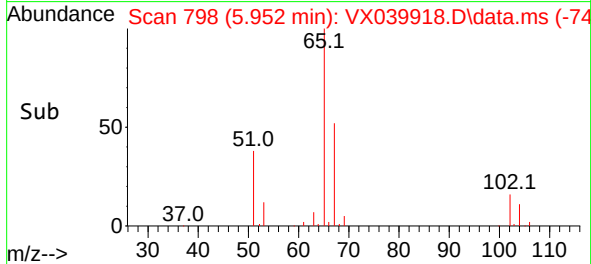
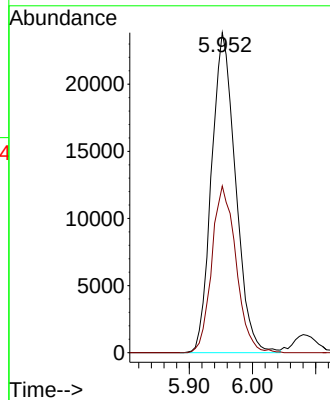
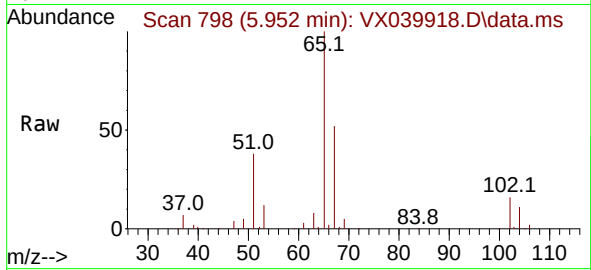
67 52.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039918.D

Acq: 23 Jan 2024 18:34

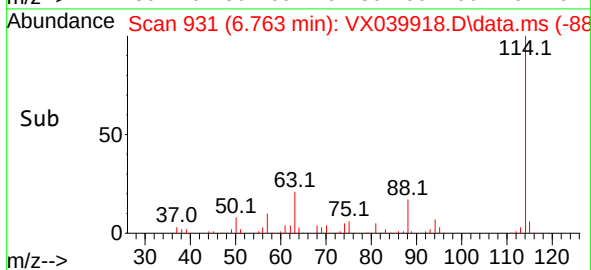
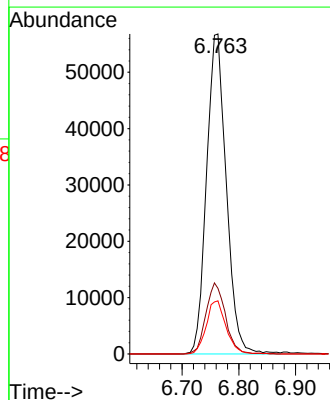
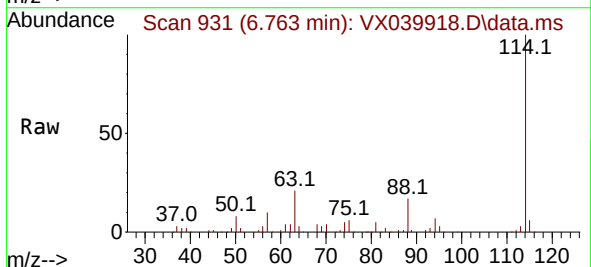
Tgt Ion:114 Resp: 137152

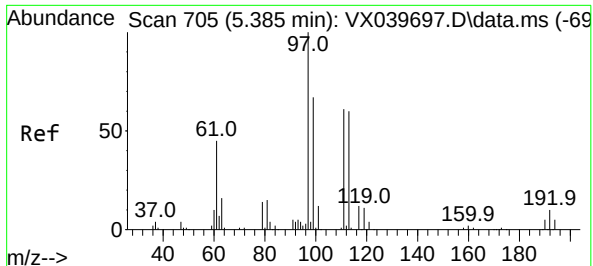
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

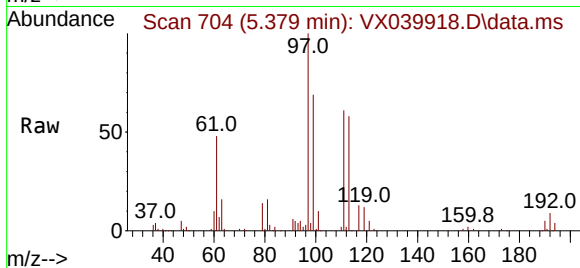
88 16.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.768 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

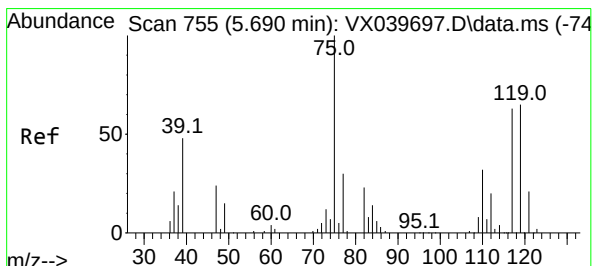
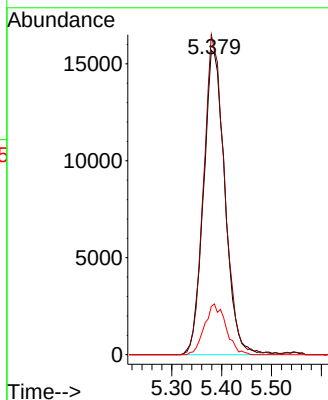
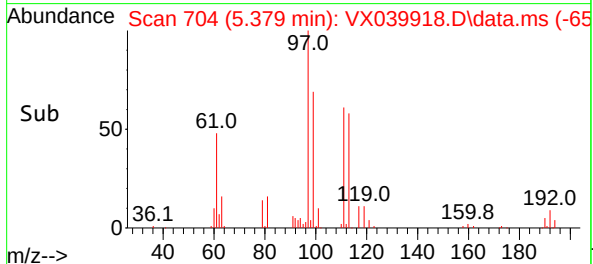
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



Tgt Ion: 113 Resp: 46898
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 16.6 13.3 19.9

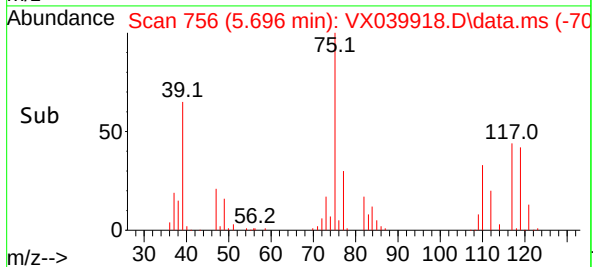
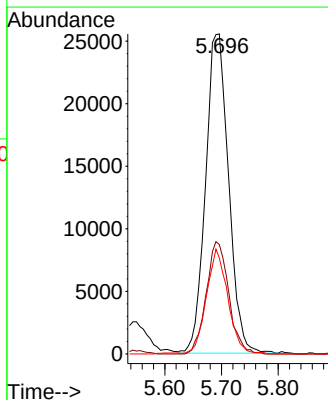
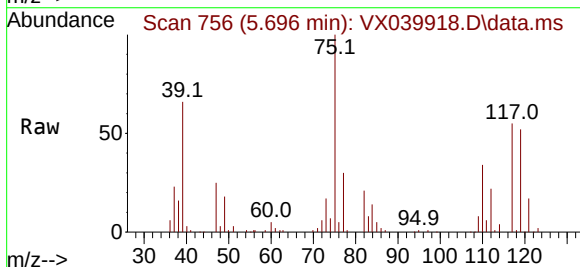
Manual Integrations
APPROVED

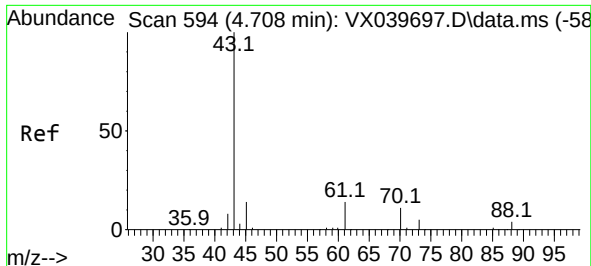
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#36
1,1-Dichloropropene
Concen: 50.116 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

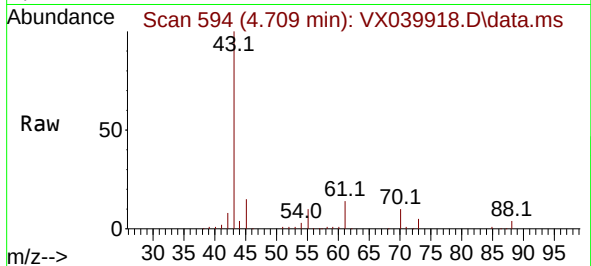
Tgt Ion: 75 Resp: 72062
Ion Ratio Lower Upper
75 100
110 34.4 17.0 50.9
77 30.6 24.7 37.1





#37
Ethyl Acetate
Concen: 47.405 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

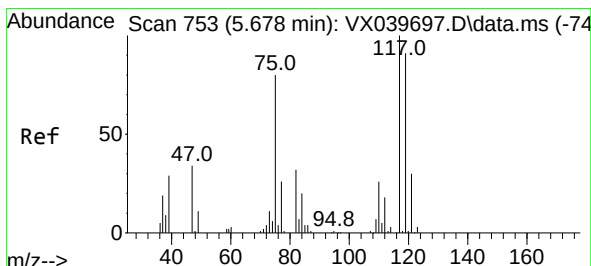
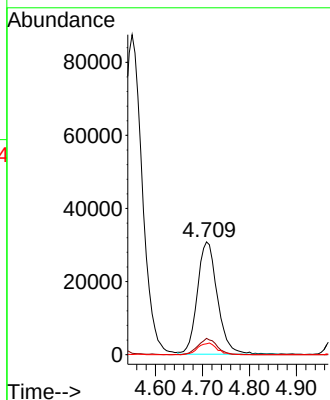
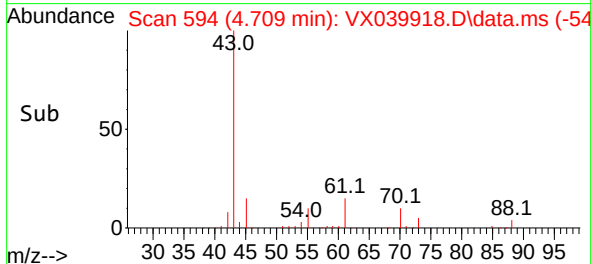
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



Tgt Ion: 43 Resp: 90935
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 9.9 8.3 12.5

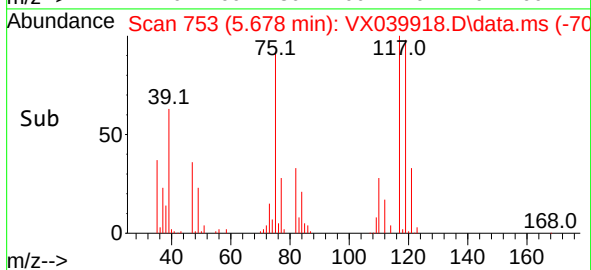
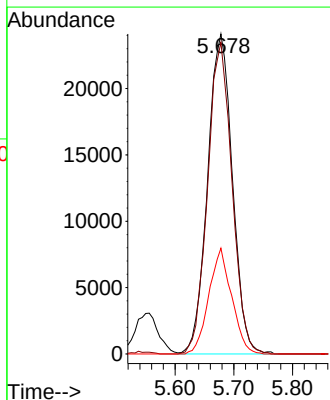
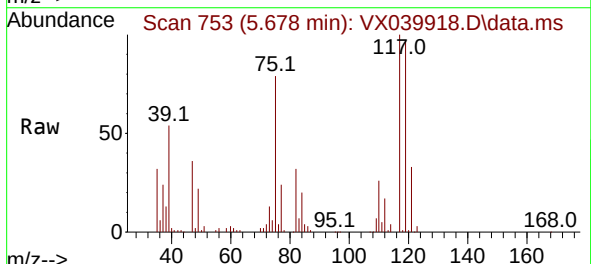
Manual Integrations
APPROVED

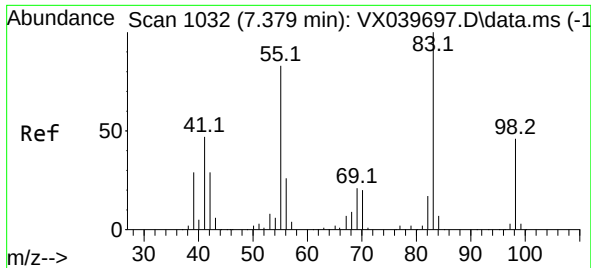
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#38
Carbon Tetrachloride
Concen: 53.808 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

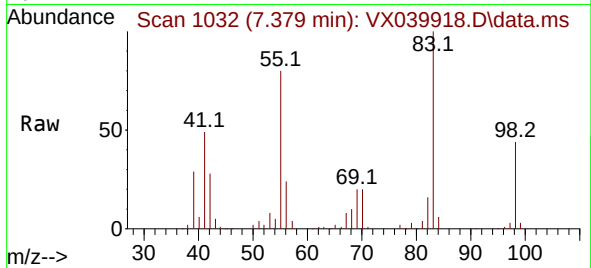
Tgt Ion:117 Resp: 70863
Ion Ratio Lower Upper
117 100
119 97.4 78.2 117.2
121 33.1 24.4 36.6





#39
Methylcyclohexane
Concen: 46.742 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

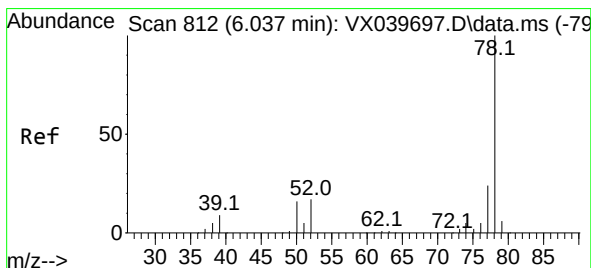
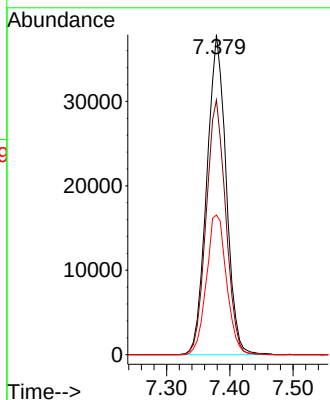
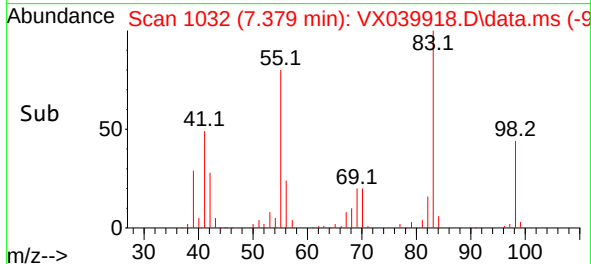
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



Tgt Ion: 83 Resp: 80708
Ion Ratio Lower Upper
83 100
55 79.6 64.6 97.0
98 43.7 36.7 55.1

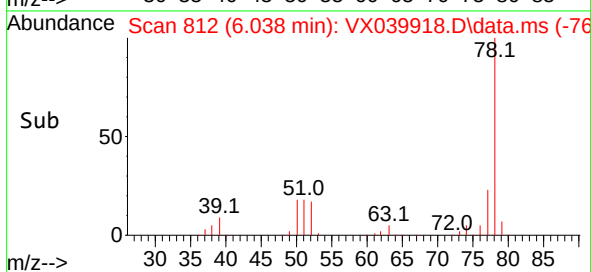
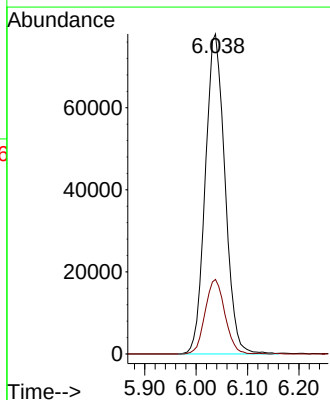
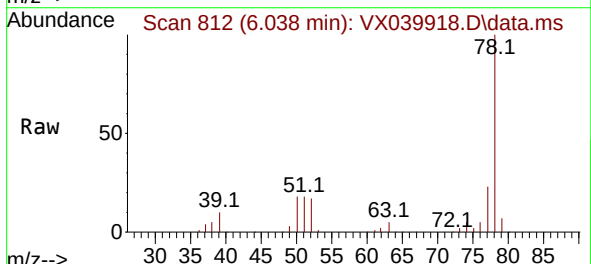
Manual Integrations
APPROVED

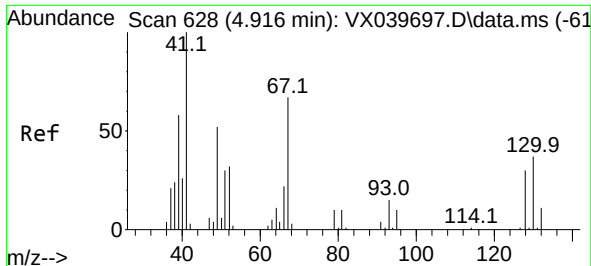
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#40
Benzene
Concen: 50.834 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

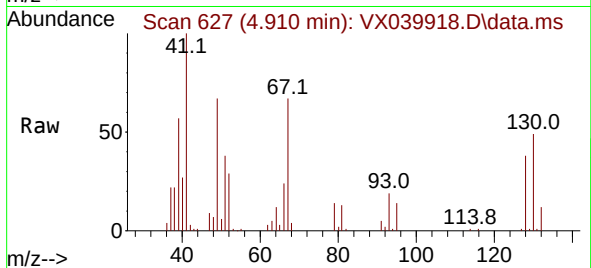
Tgt Ion: 78 Resp: 206975
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9





#41
Methacrylonitrile
Concen: 52.251 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

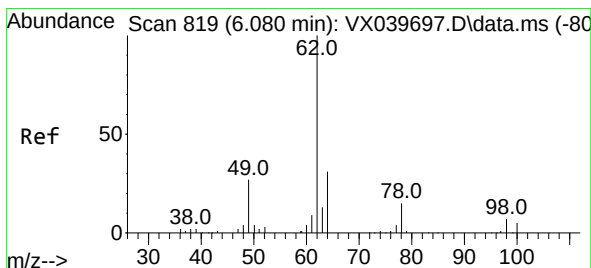
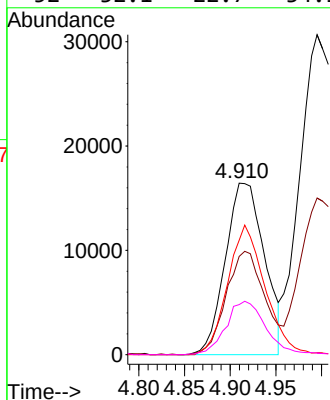
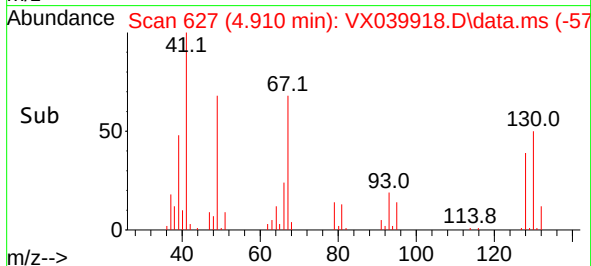
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



Tgt Ion: 41 Resp: 49014
Ion Ratio Lower Upper
41 100
39 60.7 45.2 67.8
67 72.3 52.6 78.8
52 32.1 22.7 34.1

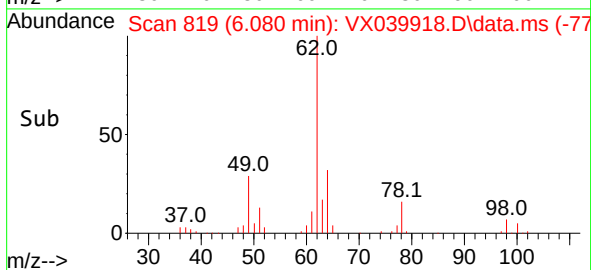
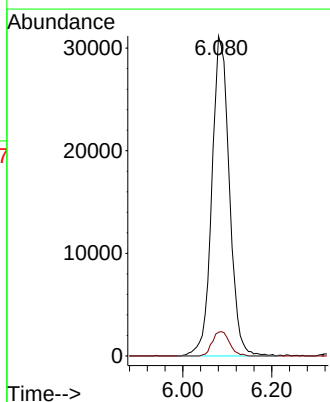
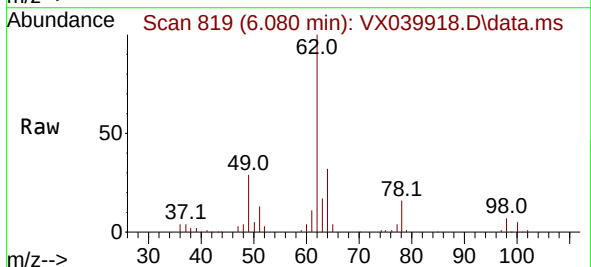
Manual Integrations
APPROVED

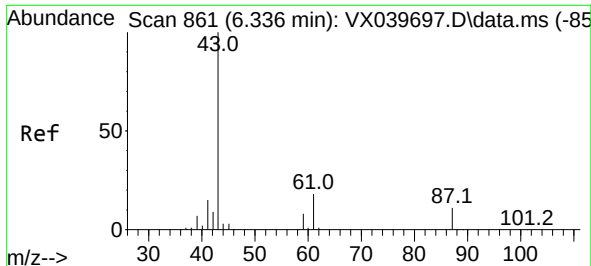
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#42
1,2-Dichloroethane
Concen: 54.984 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

Tgt Ion: 62 Resp: 85113
Ion Ratio Lower Upper
62 100
98 7.5 0.0 16.0





#43

Isopropyl Acetate

Concen: 50.419 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX039918.D

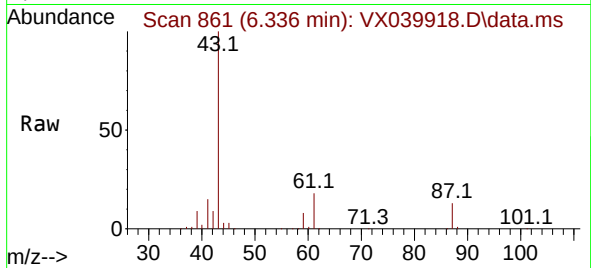
Acq: 23 Jan 2024 18:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MSD



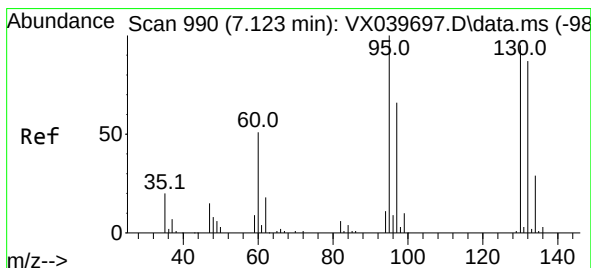
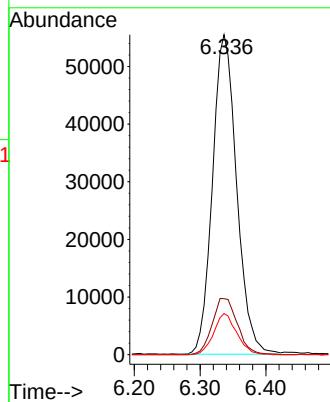
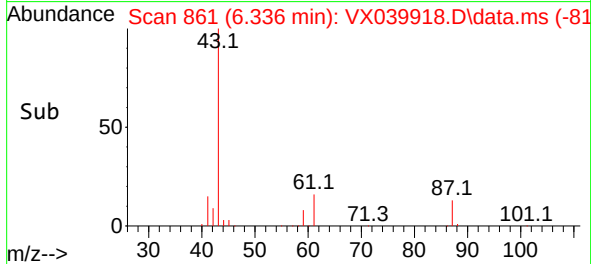
Tgt Ion: 43	Resp: 141880
Ion Ratio	Lower Upper
43	100
61	18.4 15.2 22.8
87	12.3 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#44

Trichloroethene

Concen: 51.854 ug/l

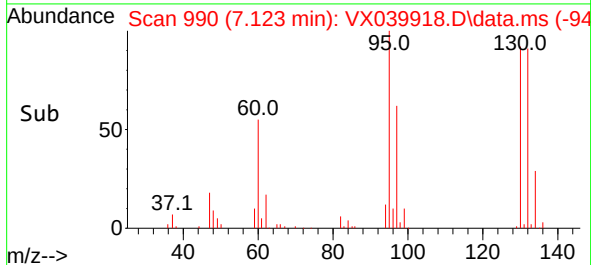
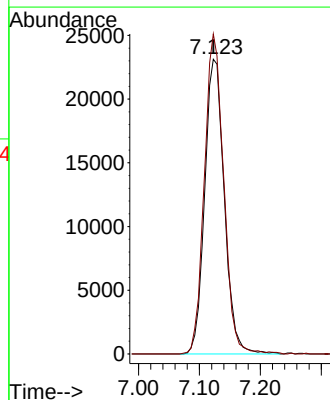
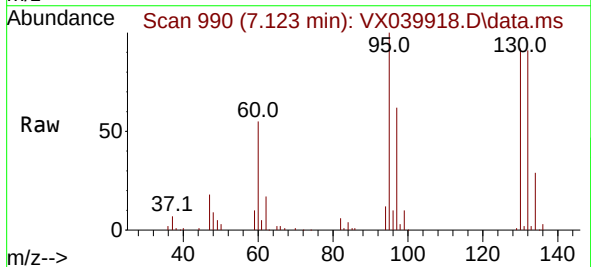
RT: 7.123 min Scan# 990

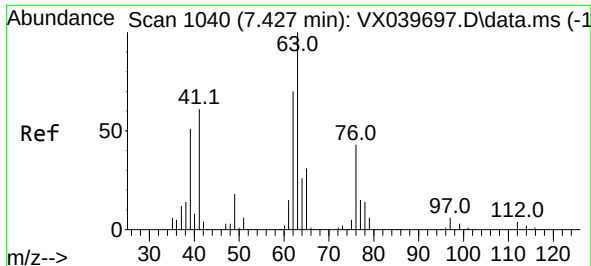
Delta R.T. 0.000 min

Lab File: VX039918.D

Acq: 23 Jan 2024 18:34

Tgt Ion:130	Resp: 51743
Ion Ratio	Lower Upper
130	100
95	108.6 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.561 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039918.D

Acq: 23 Jan 2024 18:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MSD

Tgt Ion: 63 Resp: 5631

Ion Ratio Lower Upper

63 100

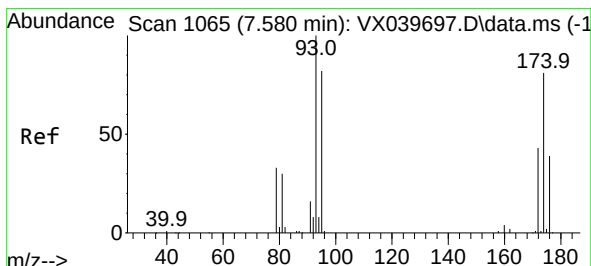
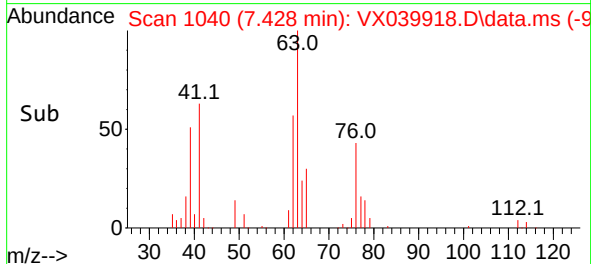
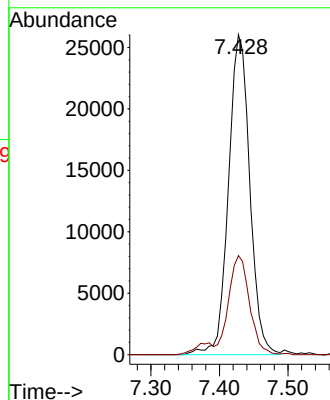
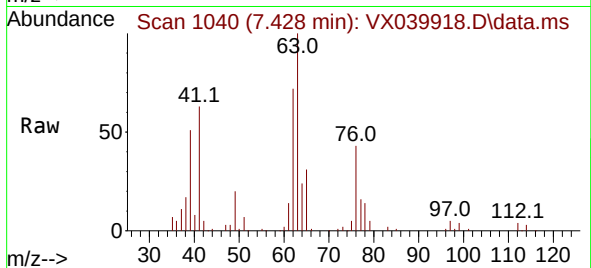
65 30.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#46

Dibromomethane

Concen: 55.453 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039918.D

Acq: 23 Jan 2024 18:34

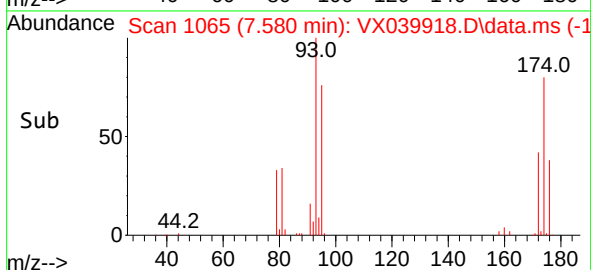
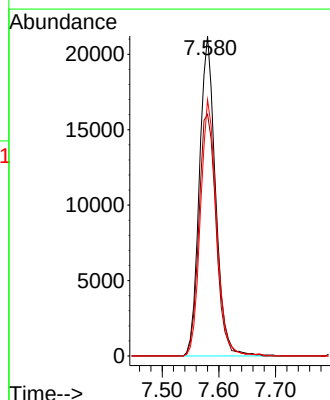
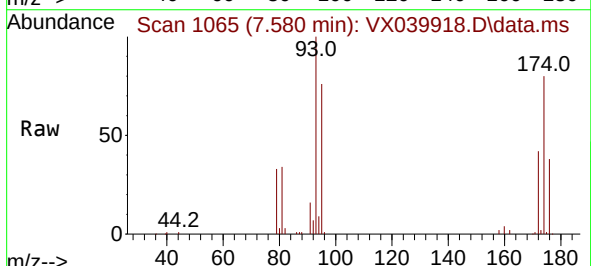
Tgt Ion: 93 Resp: 41834

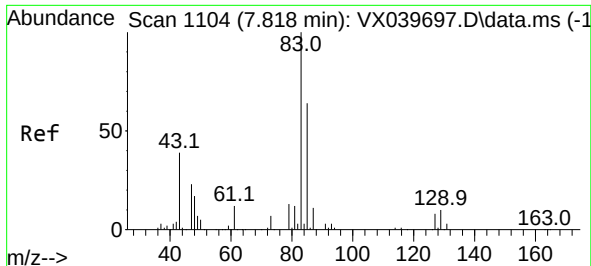
Ion Ratio Lower Upper

93 100

95 81.0 66.6 100.0

174 79.7 69.4 104.0





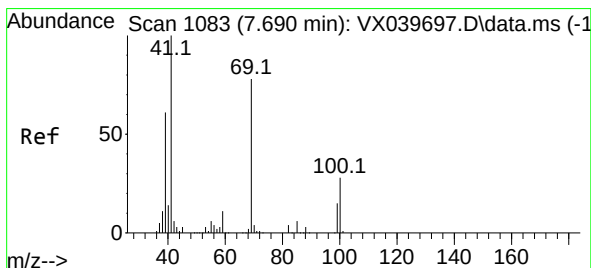
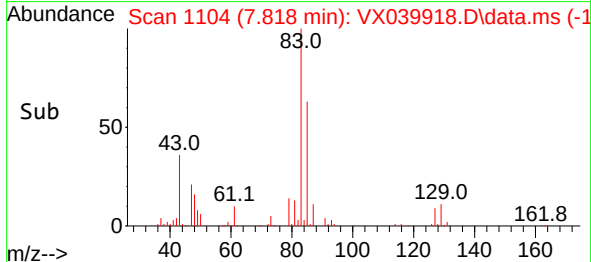
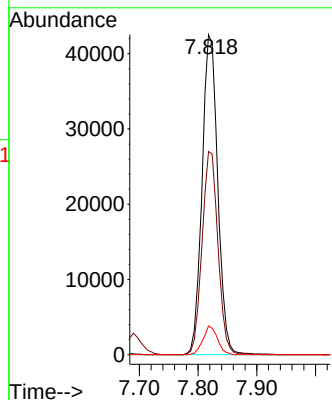
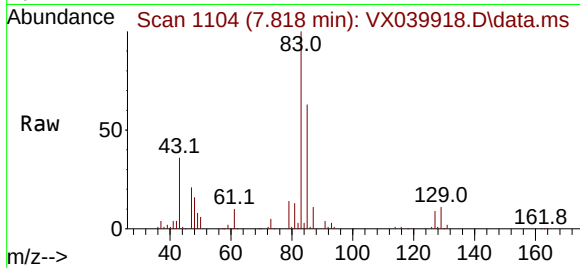
#47
Bromodichloromethane
Concen: 56.636 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD

Tgt Ion: 83 Resp: 7913
Ion Ratio Lower Upper
83 100
85 63.5 49.8 74.6
127 9.0 7.1 10.7

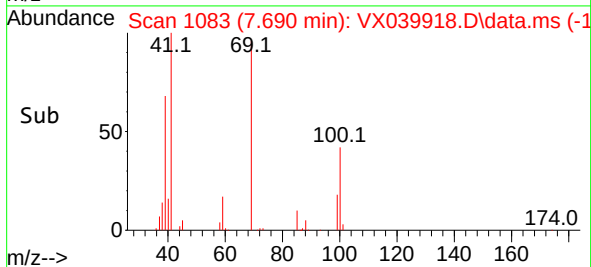
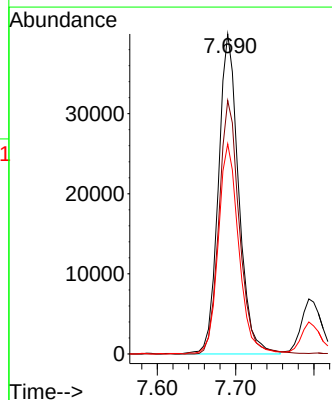
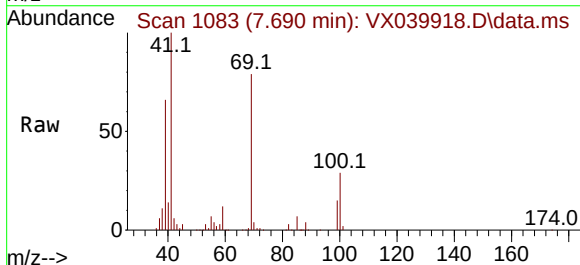
Manual Integrations
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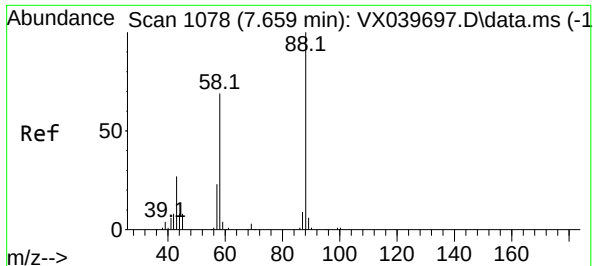
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#48
Methyl methacrylate
Concen: 52.034 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

Tgt Ion: 41 Resp: 71973
Ion Ratio Lower Upper
41 100
69 79.7 59.2 88.8
39 66.4 47.7 71.5





#49

1,4-Dioxane

Concen: 984.117 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX039918.D

Acq: 23 Jan 2024 18:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MSD

Tgt Ion: 88 Resp: 26339

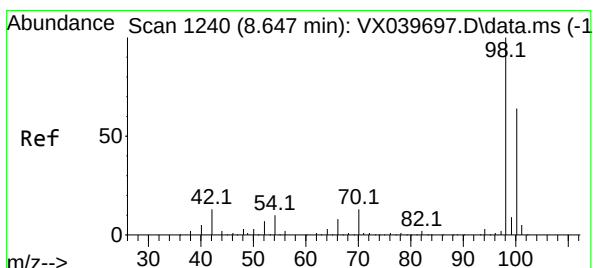
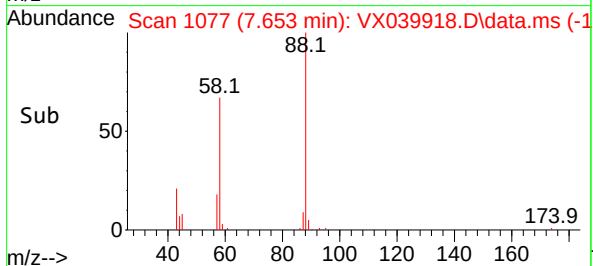
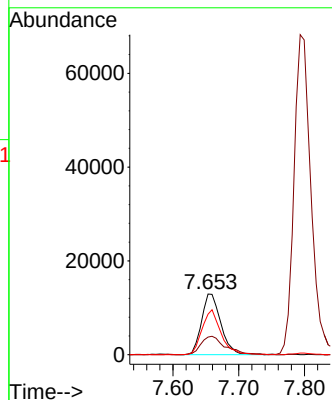
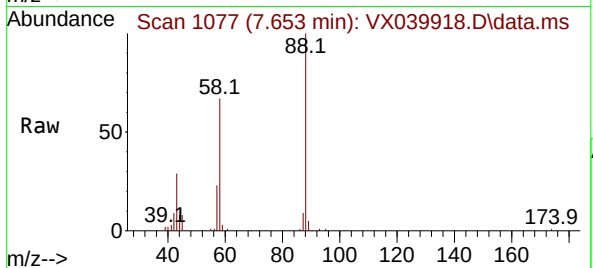
Ion	Ratio	Lower	Upper
88	100		
43	37.9	0.0	0.0
58	72.4	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#50

Toluene-d8

Concen: 48.652 ug/l

RT: 8.647 min Scan# 1240

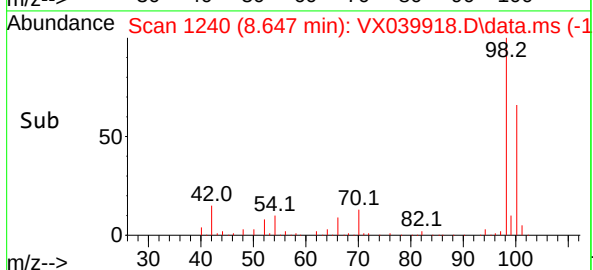
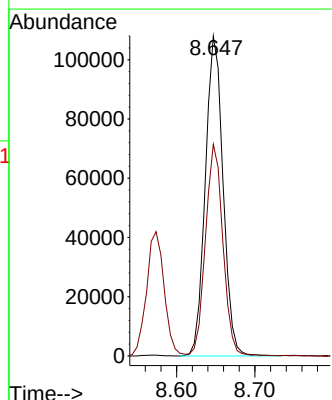
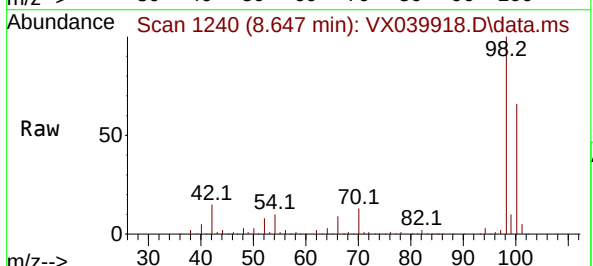
Delta R.T. 0.000 min

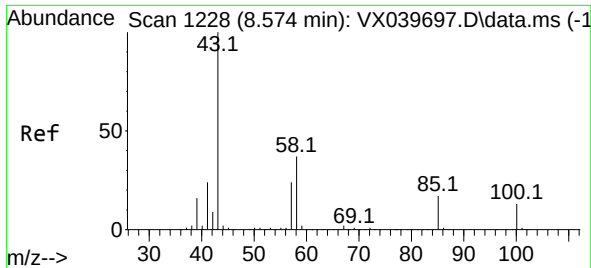
Lab File: VX039918.D

Acq: 23 Jan 2024 18:34

Tgt Ion: 98 Resp: 169506

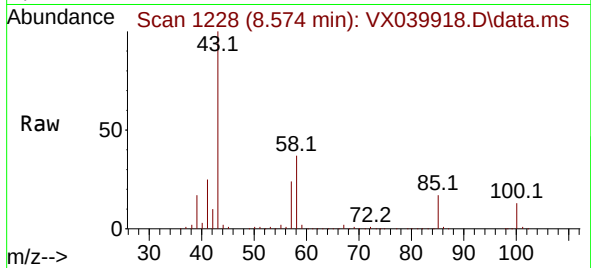
Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 258.483 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

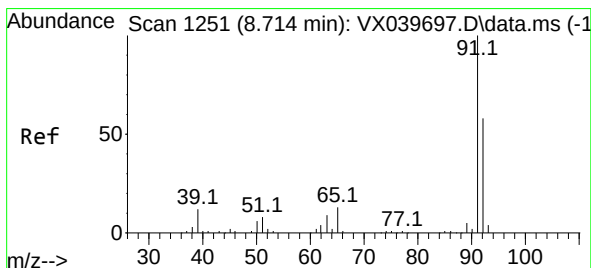
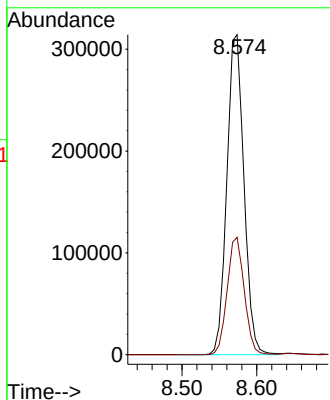
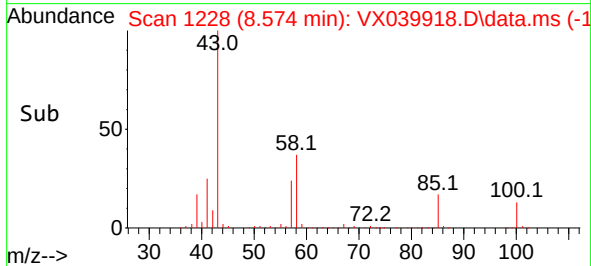
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



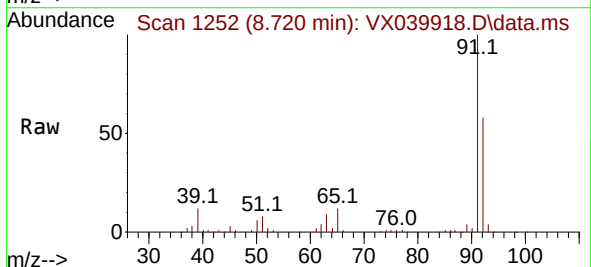
Tgt Ion: 43 Resp: 500950
Ion Ratio Lower Upper
43 100
58 36.7 30.4 45.6

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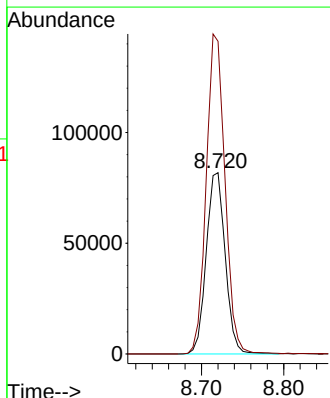
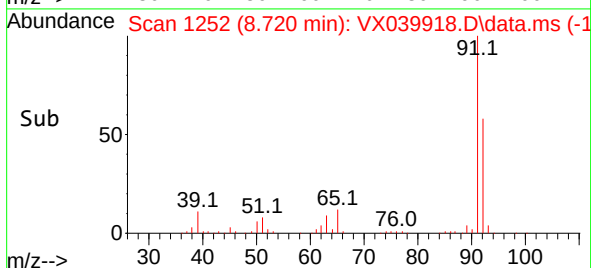
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

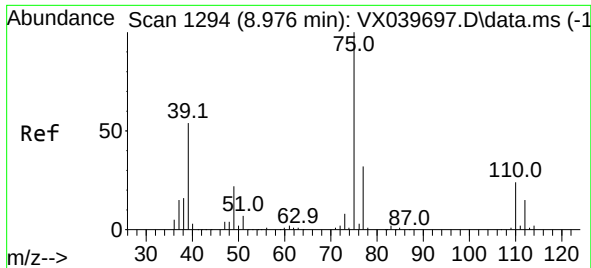


#52
Toluene
Concen: 53.921 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34



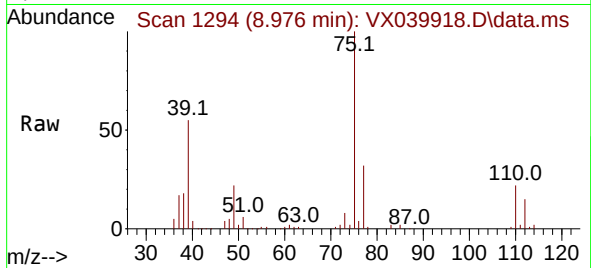
Tgt Ion: 92 Resp: 131133
Ion Ratio Lower Upper
92 100
91 174.5 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 55.058 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX039918.D
 Acq: 23 Jan 2024 18:34

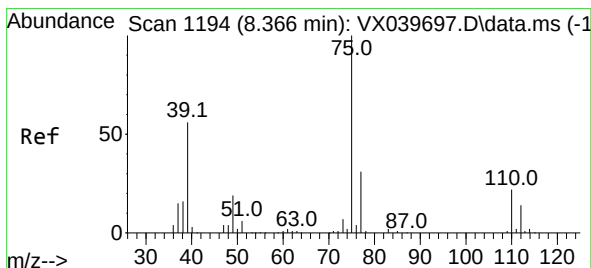
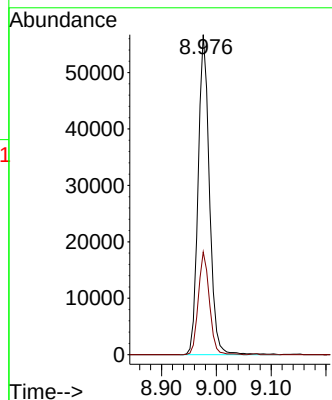
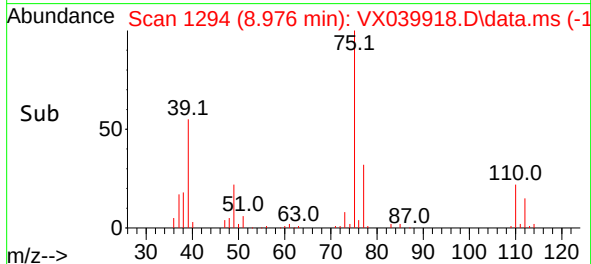
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-378-380MSD



Tgt Ion: 75 Resp: 81629
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.7 38.5

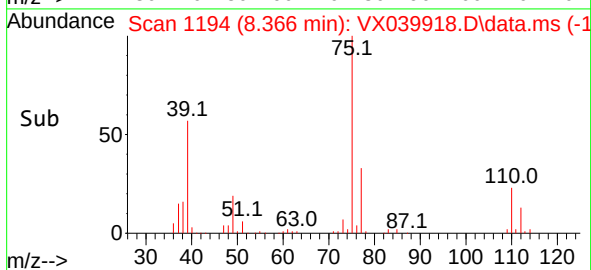
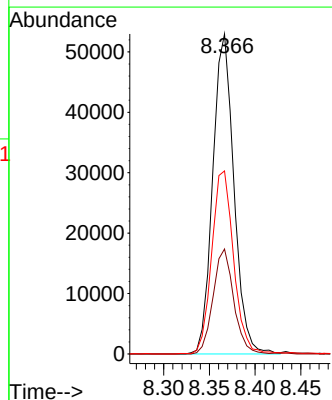
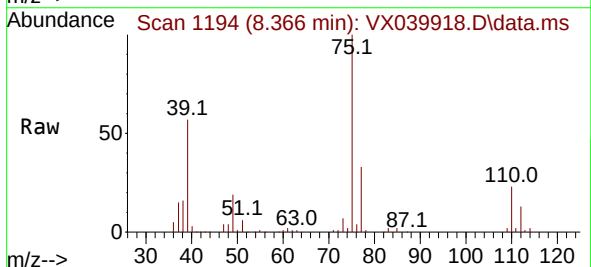
Manual Integrations
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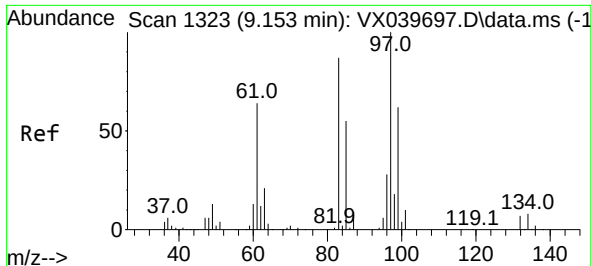
Reviewed By :John Carlone 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024



#54
 cis-1,3-Dichloropropene
 Concen: 52.302 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX039918.D
 Acq: 23 Jan 2024 18:34

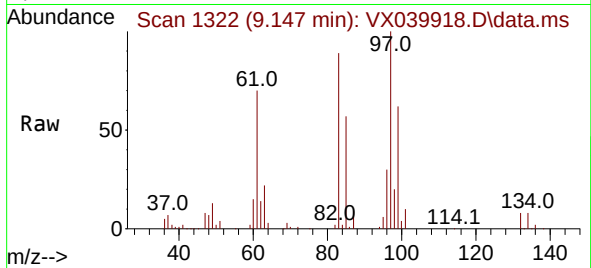
Tgt Ion: 75 Resp: 85265
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.3 37.9
 39 57.1 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 53.001 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

Instrument : MSVOA_X
ClientSampleId : BP-VPB-191-GW-378-380MSD

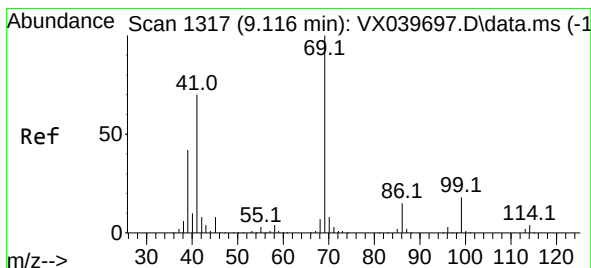
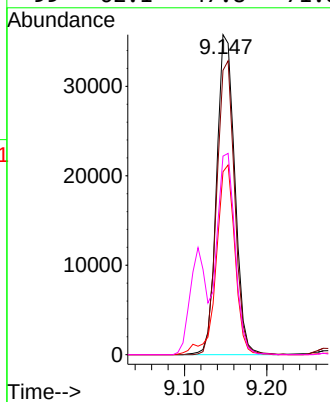
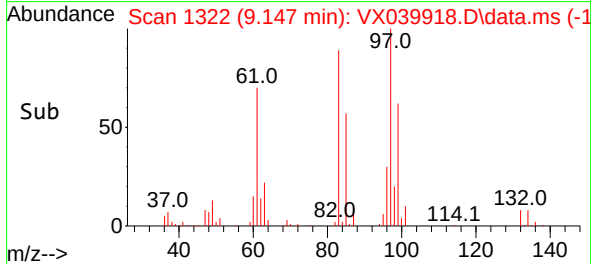


Tgt Ion: 97 Resp: 54878

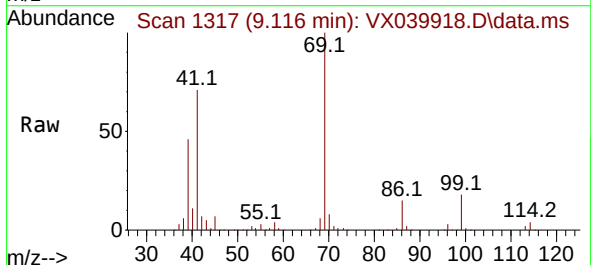
Ion	Ratio	Lower	Upper
97	100		
83	88.9	65.8	98.8
85	57.2	41.6	62.4
99	62.1	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

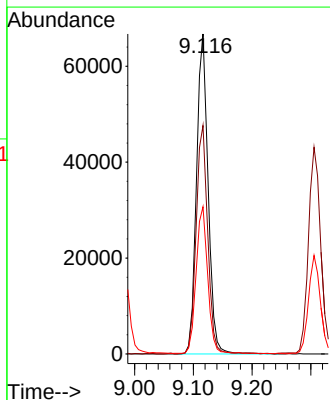
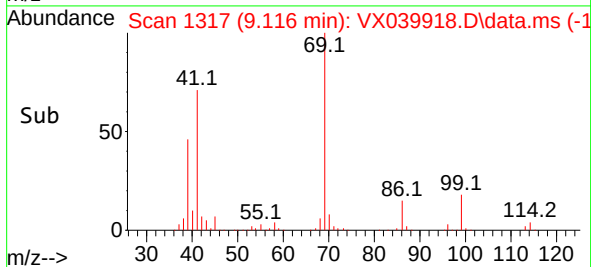


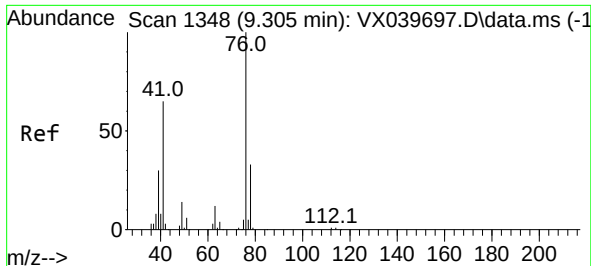
#56
Ethyl methacrylate
Concen: 54.691 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34



Tgt Ion: 69 Resp: 91651

Ion	Ratio	Lower	Upper
69	100		
41	71.1	56.8	85.2
39	45.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 54.371 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX039918.D

Acq: 23 Jan 2024 18:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MSD

Tgt Ion: 76 Resp: 95404

Ion Ratio Lower Upper

76 100

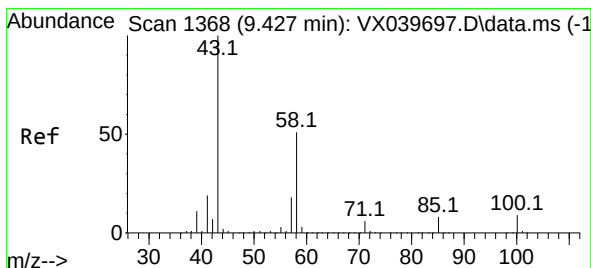
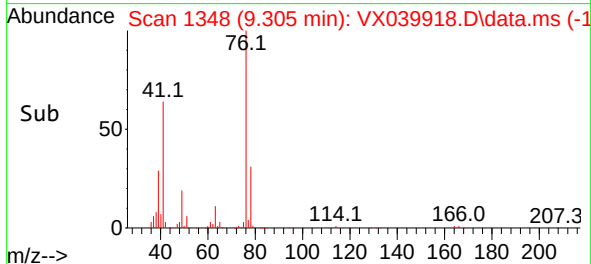
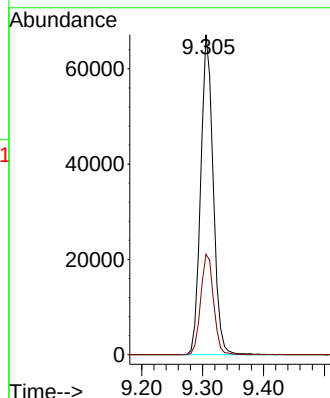
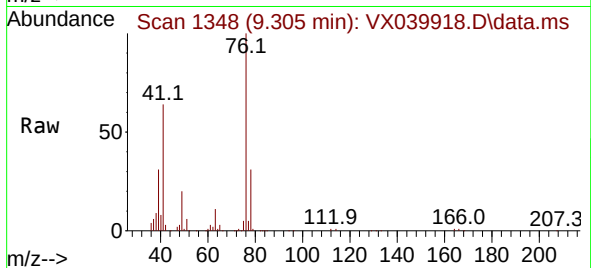
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#59

2-Hexanone

Concen: 260.844 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039918.D

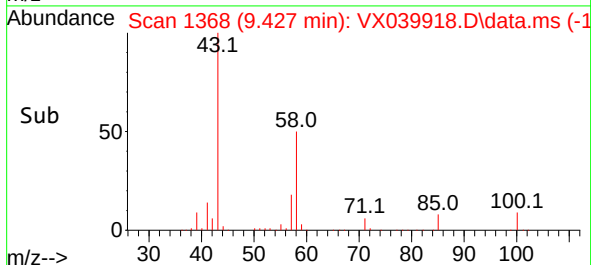
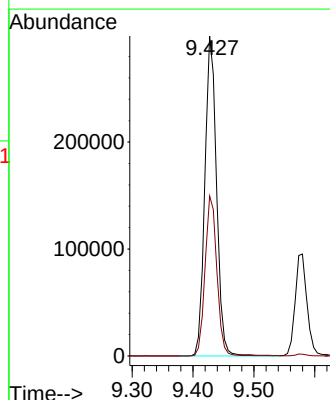
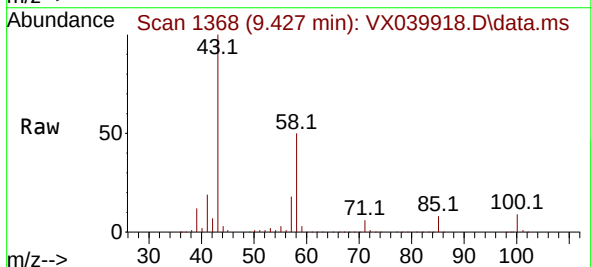
Acq: 23 Jan 2024 18:34

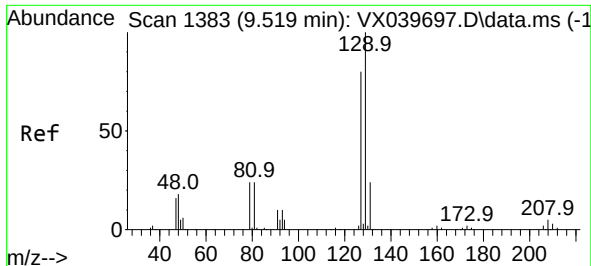
Tgt Ion: 43 Resp: 400096

Ion Ratio Lower Upper

43 100

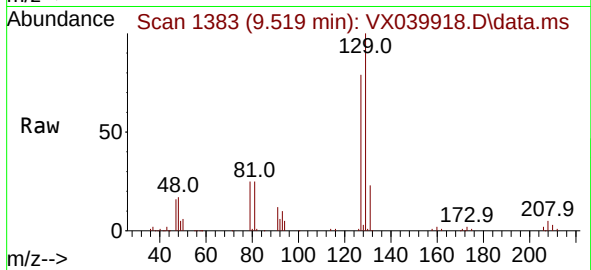
58 50.4 26.2 78.5





#60
Dibromochloromethane
Concen: 58.983 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

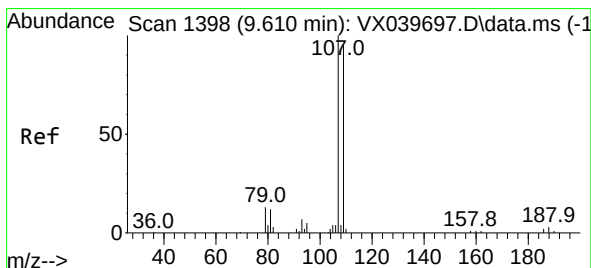
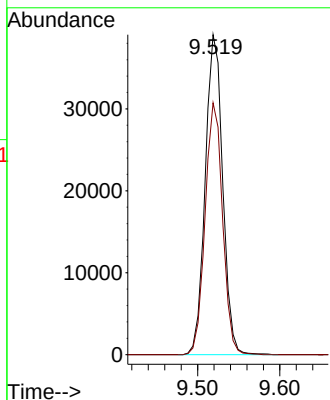
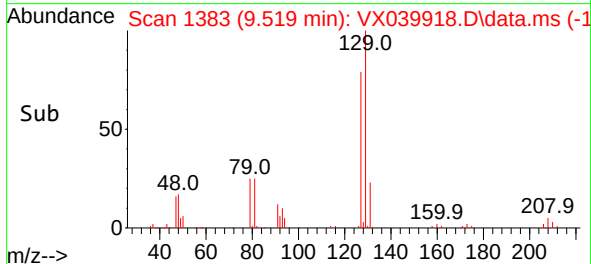
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



Tgt Ion:129 Resp: 57594
Ion Ratio Lower Upper
129 100
127 78.7 38.8 116.4

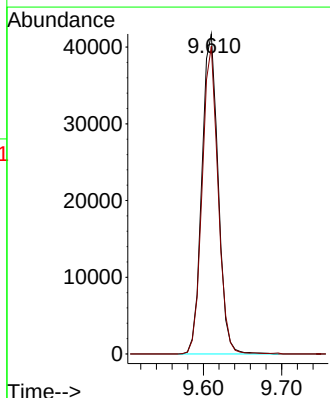
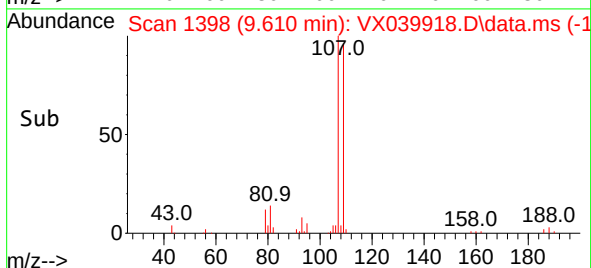
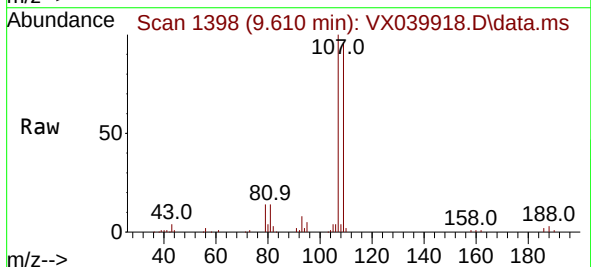
Manual Integrations
APPROVED

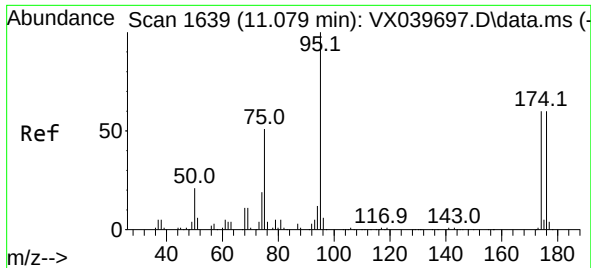
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#61
1,2-Dibromoethane
Concen: 56.055 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

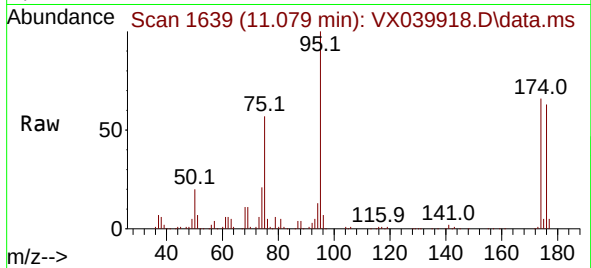
Tgt Ion:107 Resp: 60104
Ion Ratio Lower Upper
107 100
109 94.1 75.2 112.8





#62
4-Bromofluorobenzene
Concen: 51.324 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

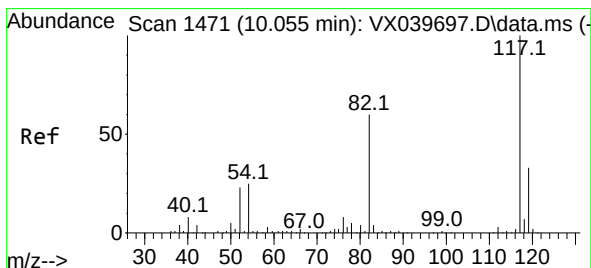
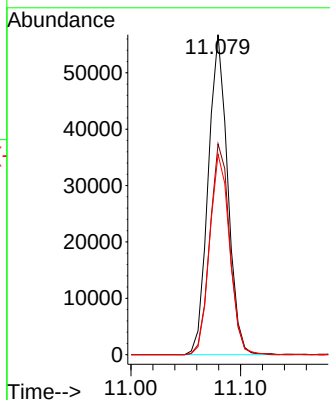
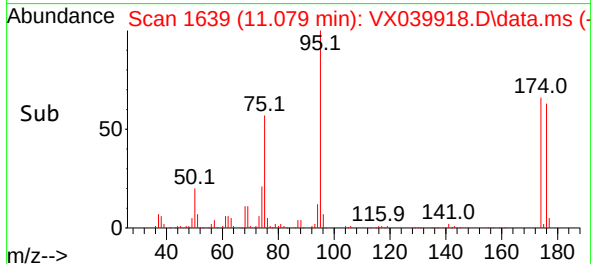
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



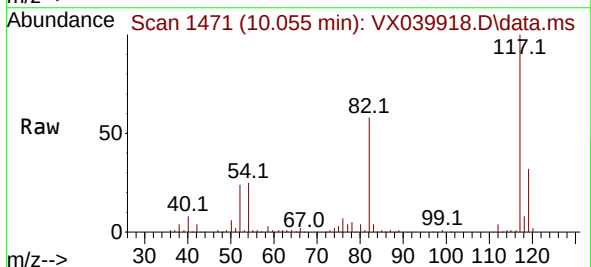
Tgt Ion: 95 Resp: 69920
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.6
176 64.5 0.0 131.0

Manual Integrations
APPROVED

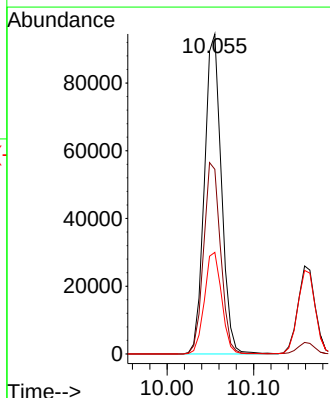
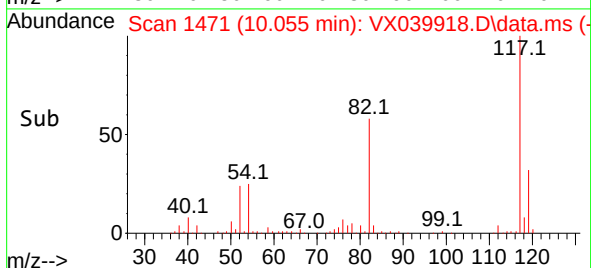
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

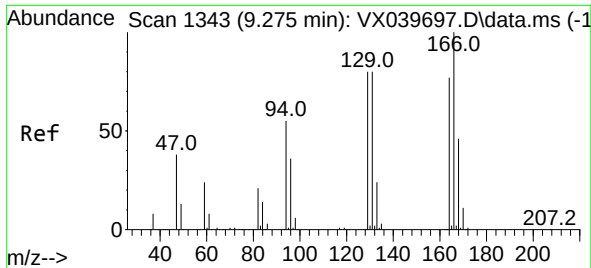


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34



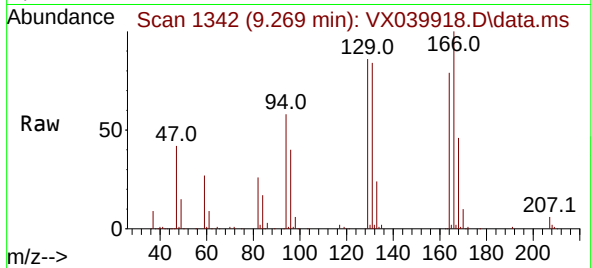
Tgt Ion:117 Resp: 128438
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 31.8 25.5 38.3





#64
Tetrachloroethene
Concen: 50.472 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

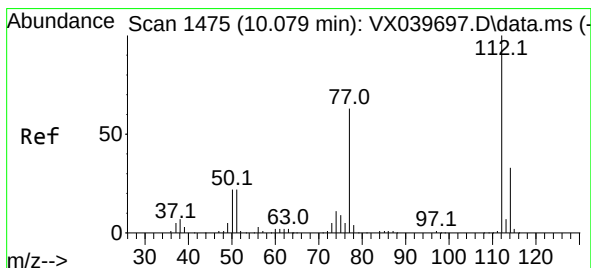
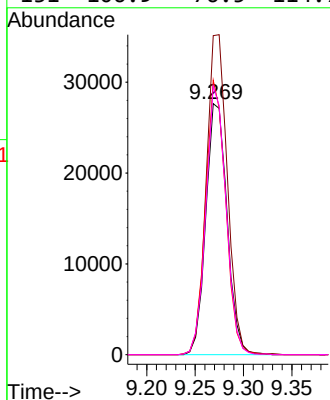
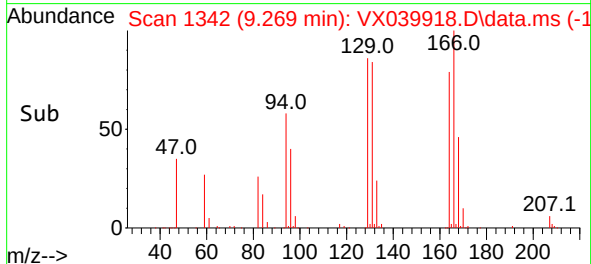
Instrument : MSVOA_X
ClientSampleId : BP-VPB-191-GW-378-380MSD



Tgt Ion:164 Resp: 42150
Ion Ratio Lower Upper
164 100
166 127.1 102.7 154.1
129 109.3 80.4 120.6
131 106.9 76.5 114.7

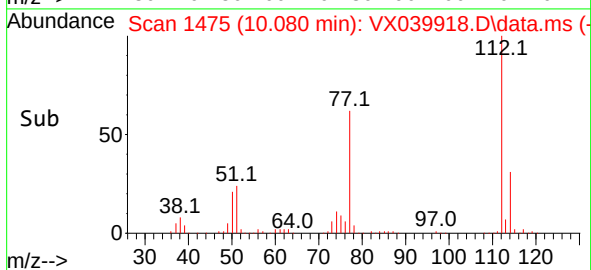
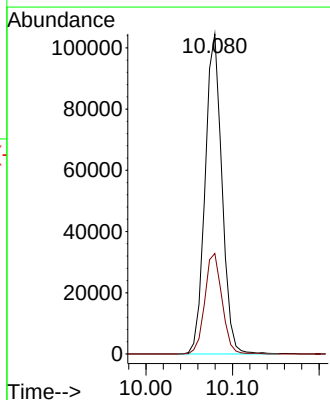
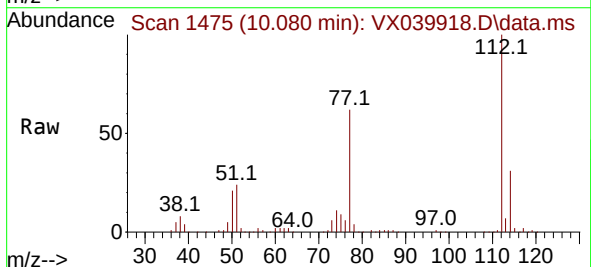
Manual Integrations
APPROVED

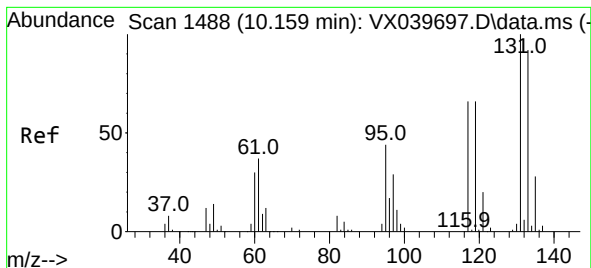
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#65
Chlorobenzene
Concen: 52.749 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

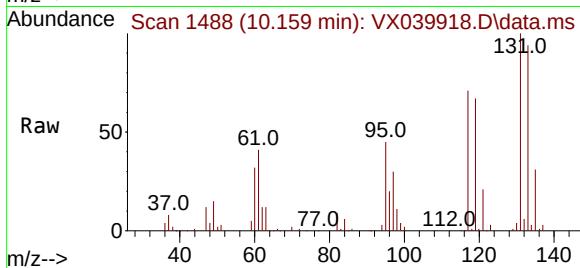
Tgt Ion:112 Resp: 141108
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5





#66
1,1,1,2-Tetrachloroethane
Concen: 56.719 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

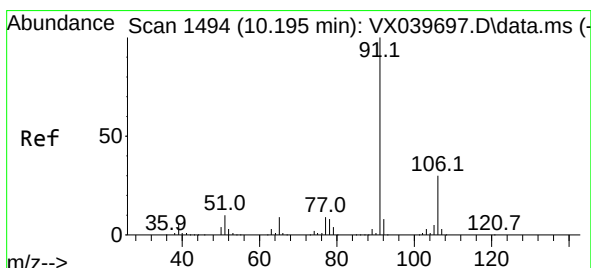
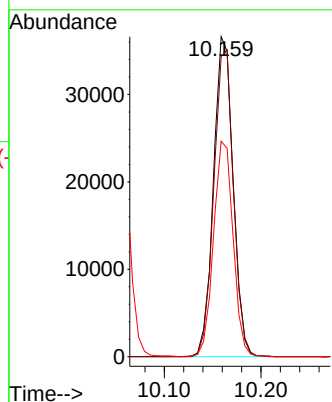
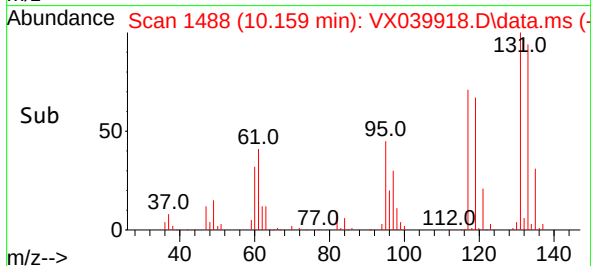
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



Tgt Ion:131 Resp: 51664
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.4
119 67.1 32.2 96.6

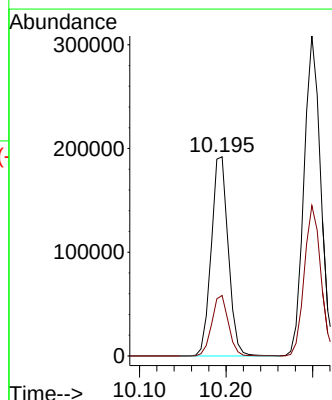
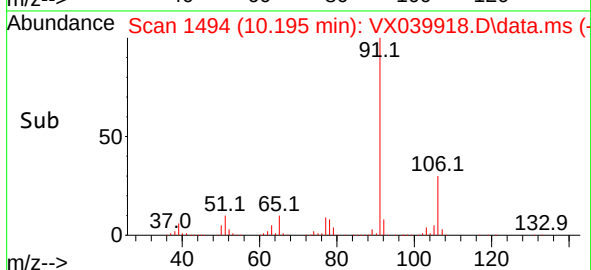
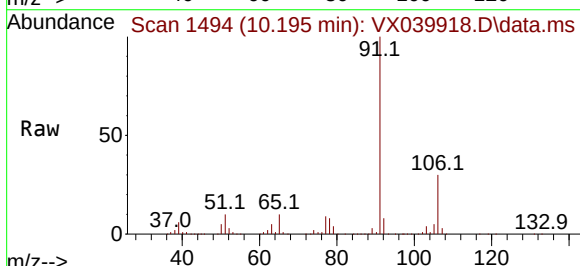
Manual Integrations
APPROVED

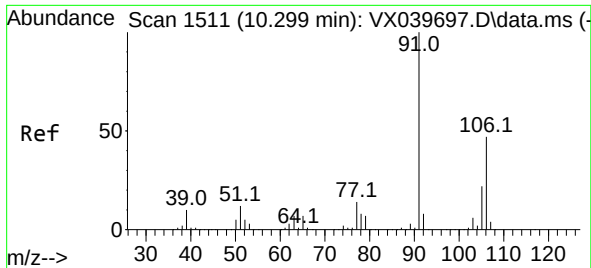
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#67
Ethyl Benzene
Concen: 52.768 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

Tgt Ion: 91 Resp: 262069
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3





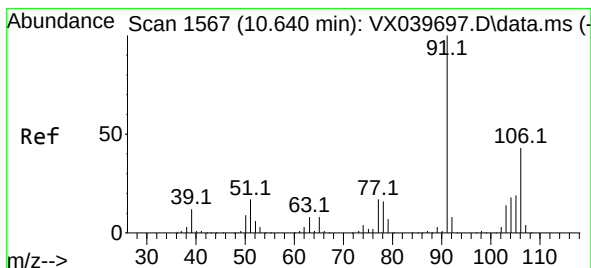
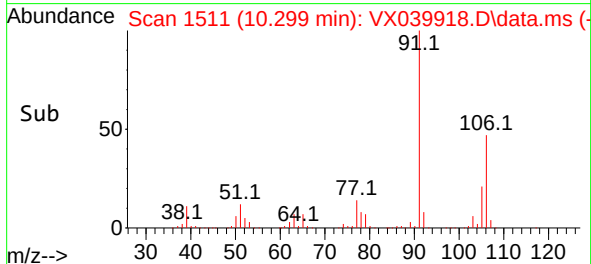
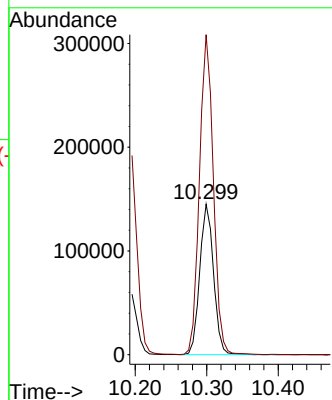
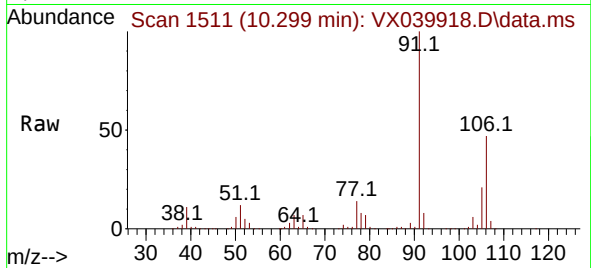
#68
m/p-Xylenes
Concen: 106.288 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD

Tgt Ion:106 Resp: 194134
Ion Ratio Lower Upper
106 100
91 213.8 165.5 248.3

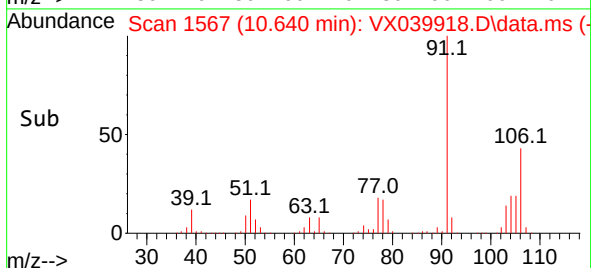
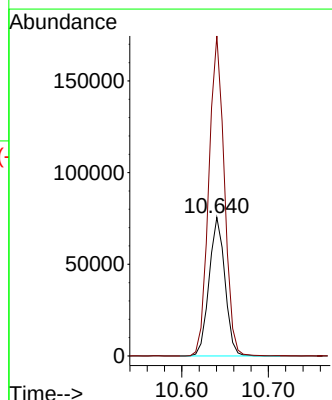
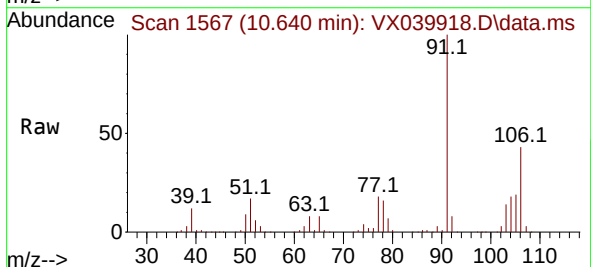
Manual Integrations
APPROVED

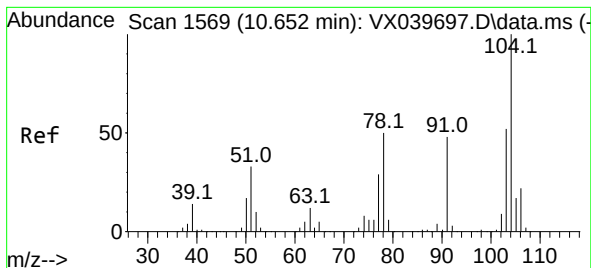
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#69
o-Xylene
Concen: 53.023 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

Tgt Ion:106 Resp: 95909
Ion Ratio Lower Upper
106 100
91 226.5 108.9 326.8





#70

Styrene

Concen: 52.618 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039918.D

Acq: 23 Jan 2024 18:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MSD

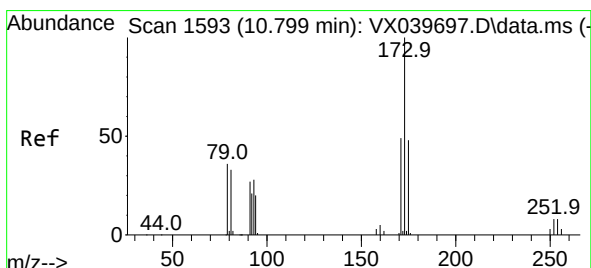
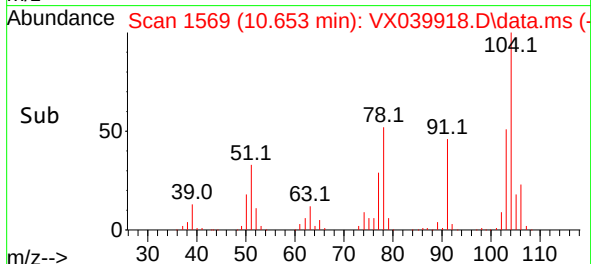
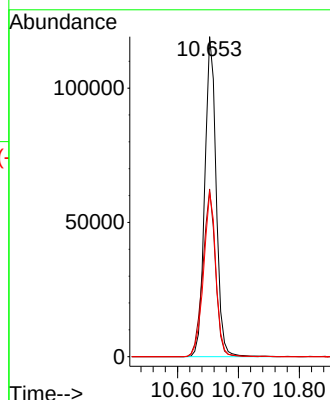
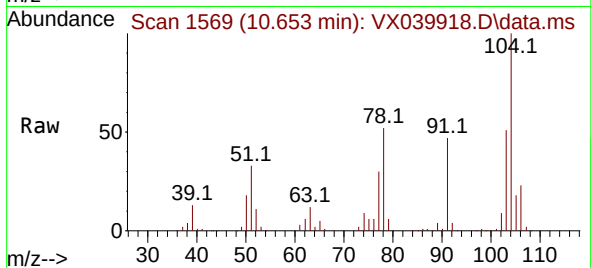
Tgt Ion:104	Resp: 15547
Ion Ratio	Lower Upper
104 100	
78 57.5	43.6 65.4
103 55.4	43.6 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#71

Bromoform

Concen: 58.072 ug/l

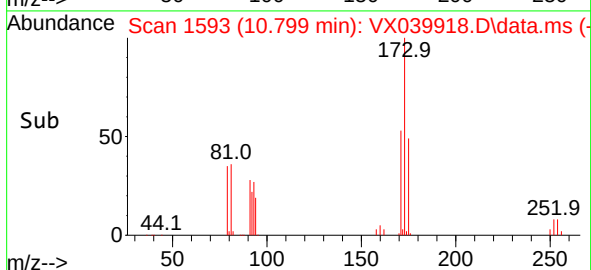
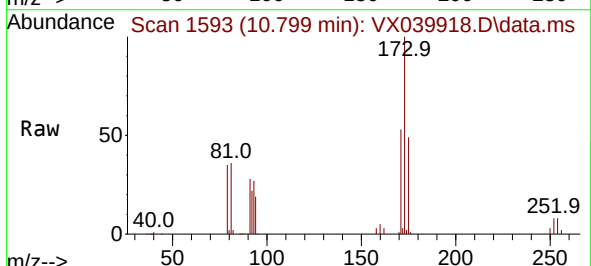
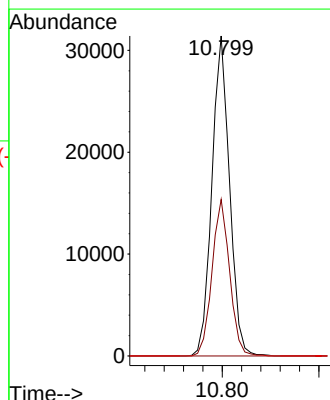
RT: 10.799 min Scan# 1593

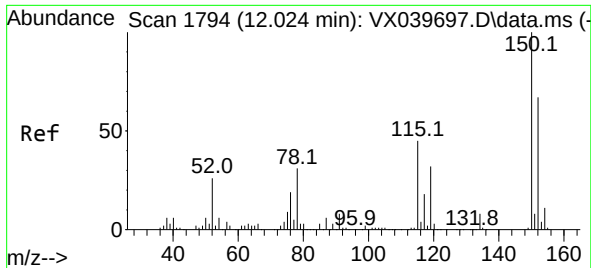
Delta R.T. 0.000 min

Lab File: VX039918.D

Acq: 23 Jan 2024 18:34

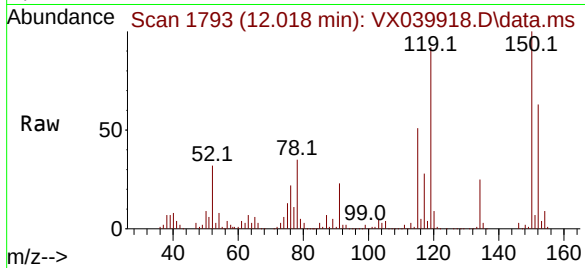
Tgt Ion:173	Resp: 39719
Ion Ratio	Lower Upper
173 100	
175 48.9	24.1 72.4
254 0.0	0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

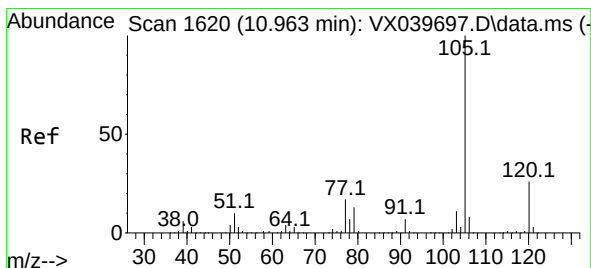
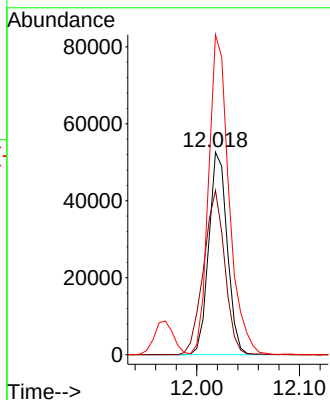
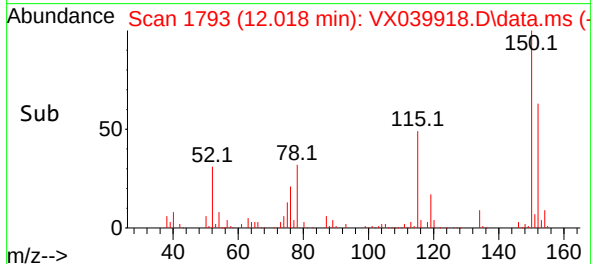
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



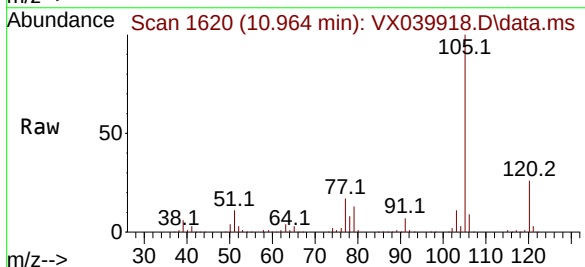
Tgt Ion:152 Resp: 65614
Ion Ratio Lower Upper
152 100
115 93.1 43.3 129.9
150 173.8 0.0 345.0

Manual Integrations
APPROVED

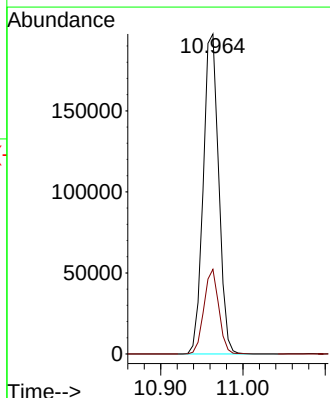
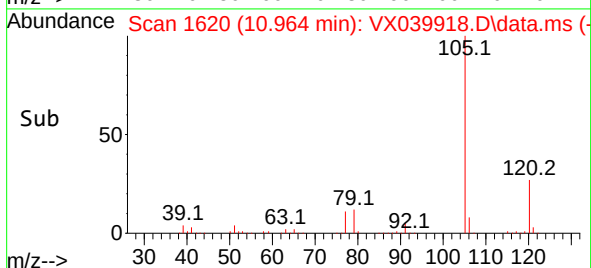
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

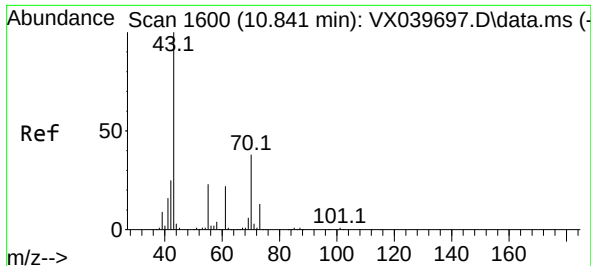


#73
Isopropylbenzene
Concen: 49.327 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34



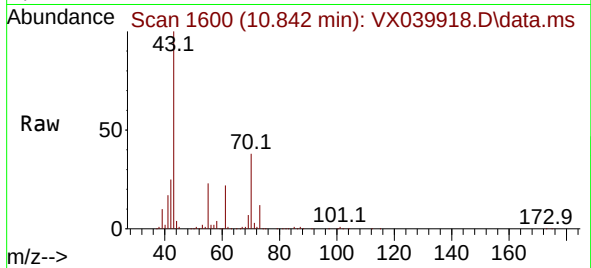
Tgt Ion:105 Resp: 257681
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6





#74
N-amy1 acetate
Concen: 47.968 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

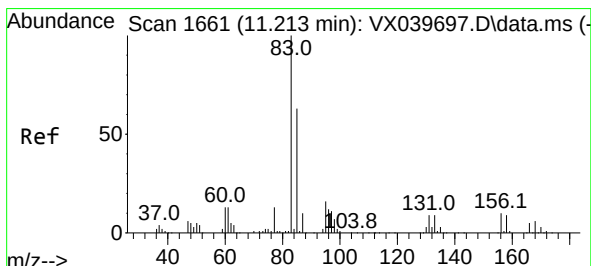
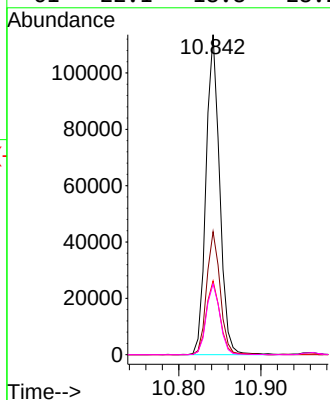
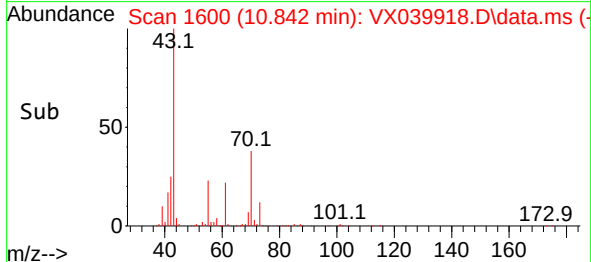
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



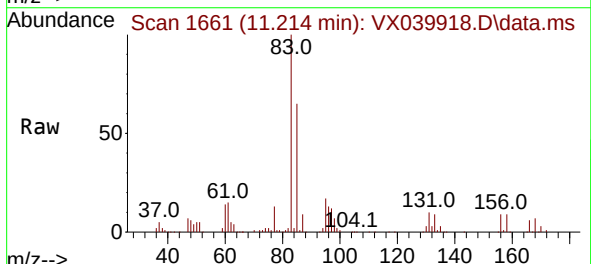
Tgt Ion: 43 Resp: 13061
Ion Ratio Lower Upper
43 100
70 38.0 32.9 49.3
55 23.5 19.3 28.9
61 22.1 18.8 28.2

Manual Integrations
APPROVED

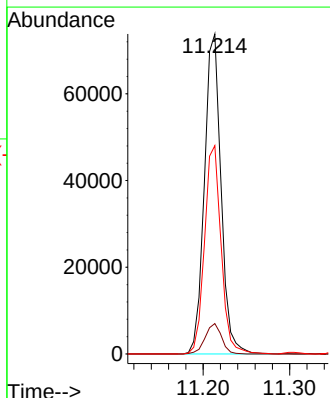
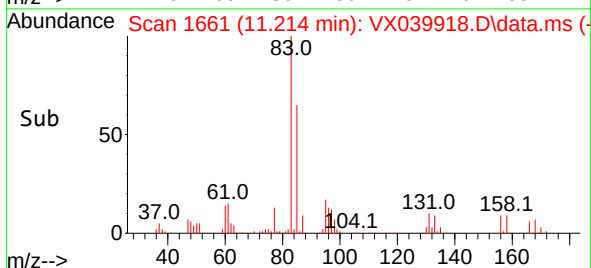
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

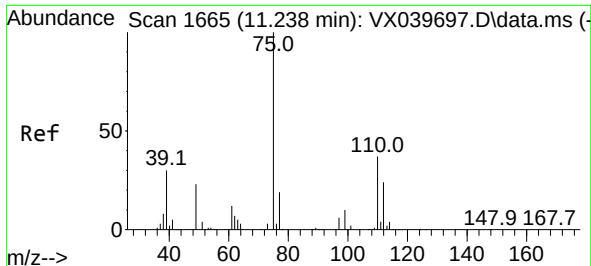


#75
1,1,2,2-Tetrachloroethane
Concen: 49.396 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34



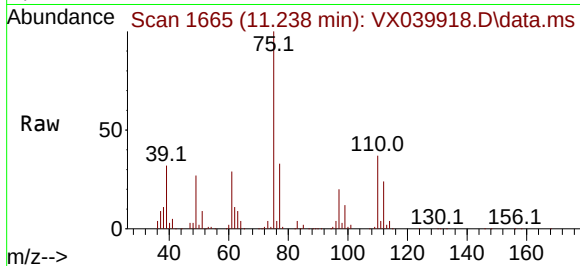
Tgt Ion: 83 Resp: 98535
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.8
85 64.9 32.0 96.2





#76
1,2,3-Trichloropropane
Concen: 48.827 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

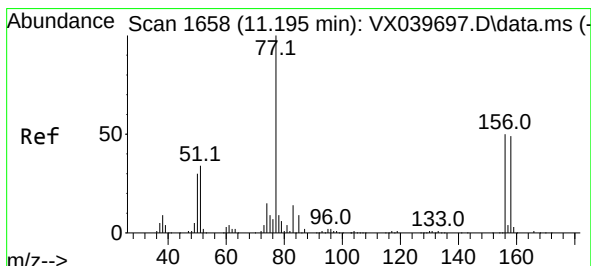
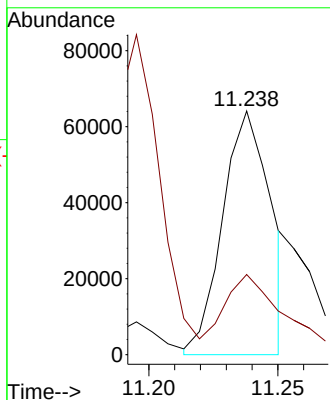
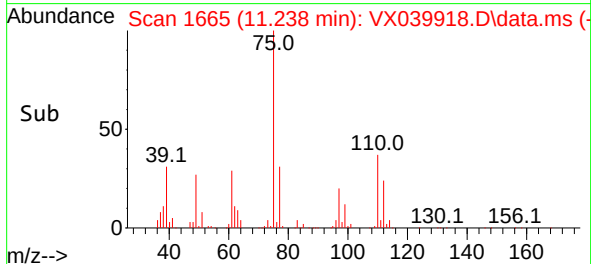
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



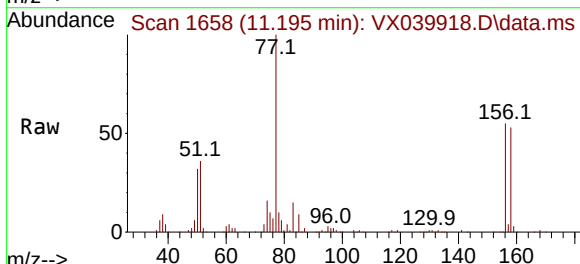
Tgt Ion: 75 Resp: 83060
Ion Ratio Lower Upper
75 100
77 41.7 19.1 57.5

Manual Integrations
APPROVED

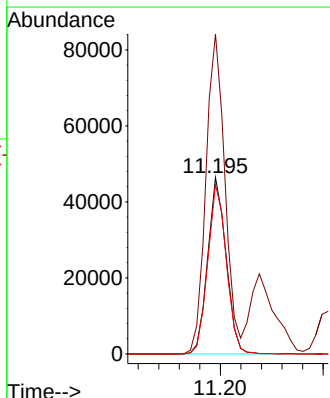
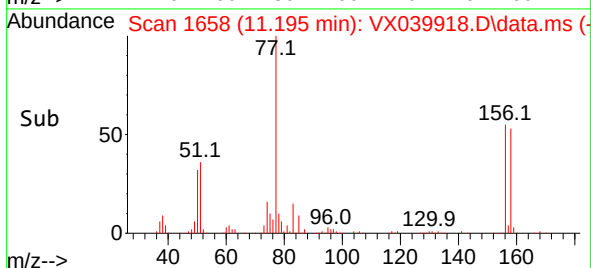
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

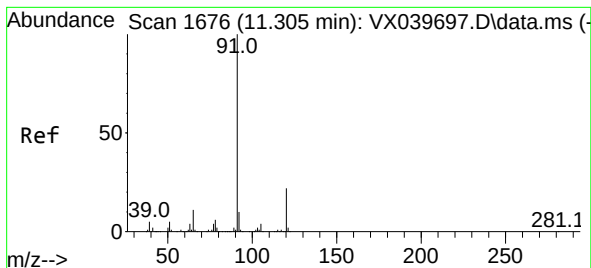


#77
Bromobenzene
Concen: 49.741 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34



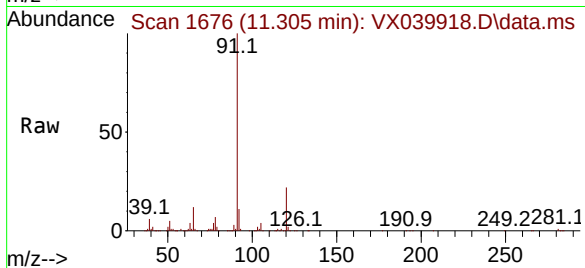
Tgt Ion:156 Resp: 57855
Ion Ratio Lower Upper
156 100
77 186.8 88.4 265.3
158 96.6 48.0 144.0





#78
n-propylbenzene
Concen: 50.310 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

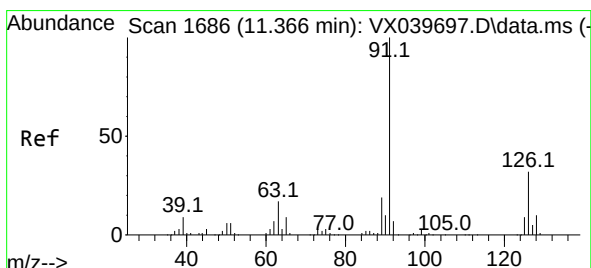
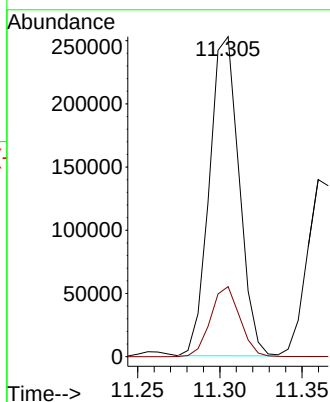
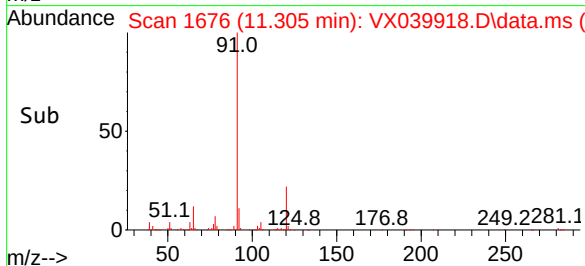
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



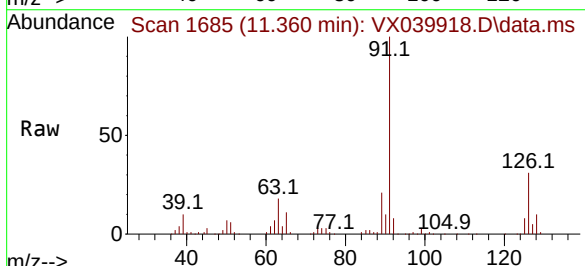
Tgt Ion: 91 Resp: 318099
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4

Manual Integrations
APPROVED

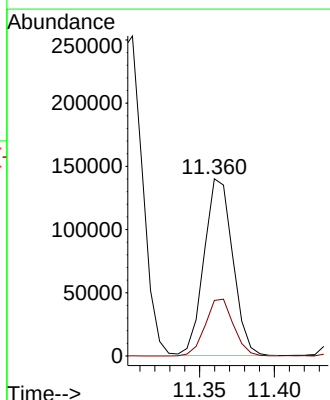
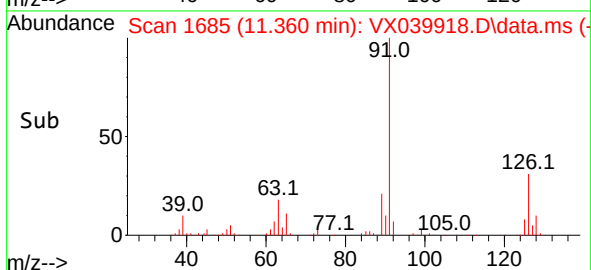
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

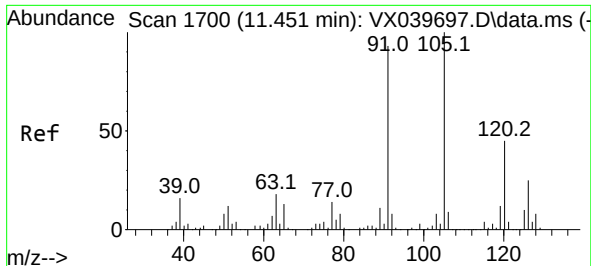


#79
2-Chlorotoluene
Concen: 47.653 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34



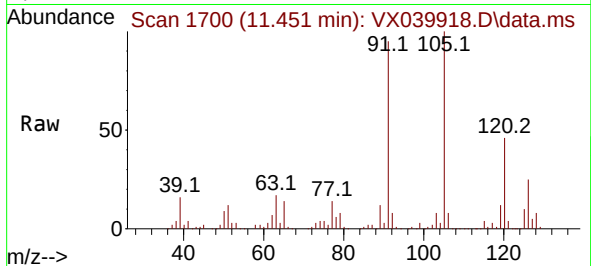
Tgt Ion: 91 Resp: 186219
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.8





#80
1,3,5-Trimethylbenzene
Concen: 50.021 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

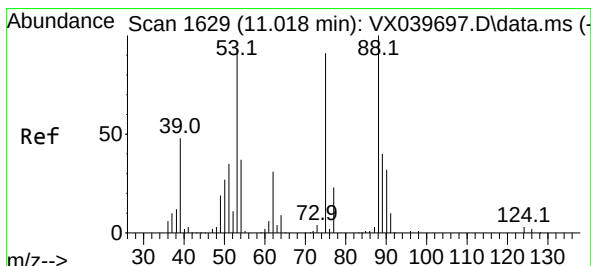
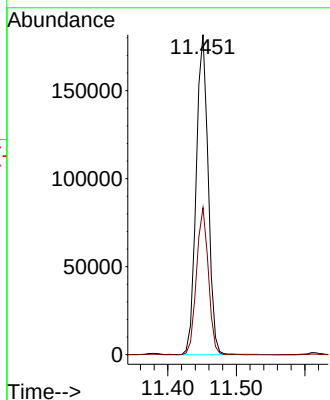
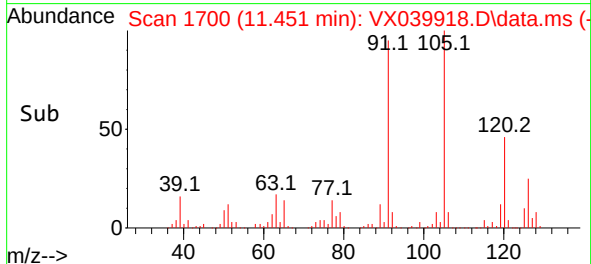
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



Tgt Ion:105 Resp: 221934
Ion Ratio Lower Upper
105 100
120 45.4 24.1 72.3

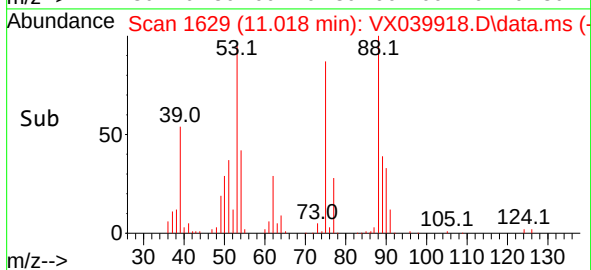
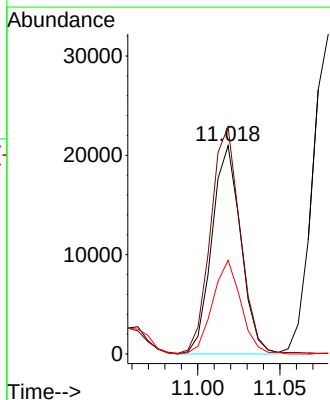
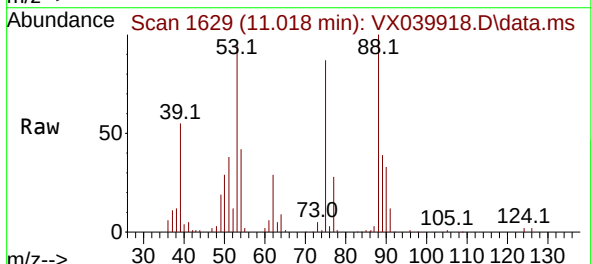
Manual Integrations
APPROVED

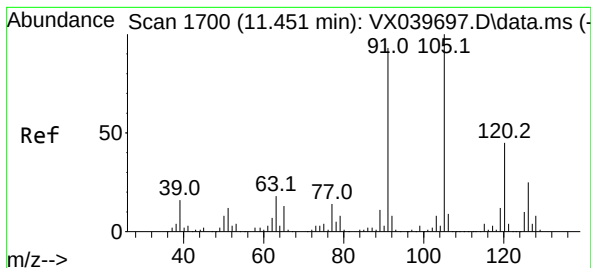
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#81
trans-1,4-Dichloro-2-butene
Concen: 45.555 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

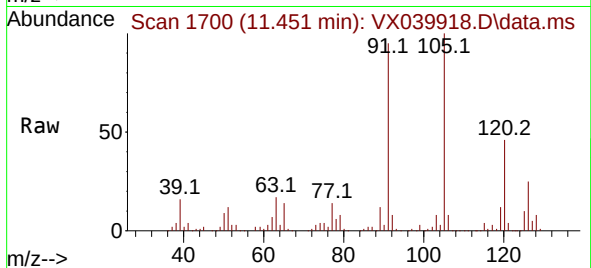
Tgt Ion: 75 Resp: 25696
Ion Ratio Lower Upper
75 100
53 112.6 90.5 135.7
89 43.9 36.9 55.3





#82
4-Chlorotoluene
Concen: 49.564 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

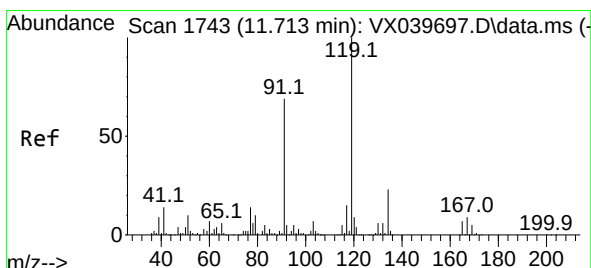
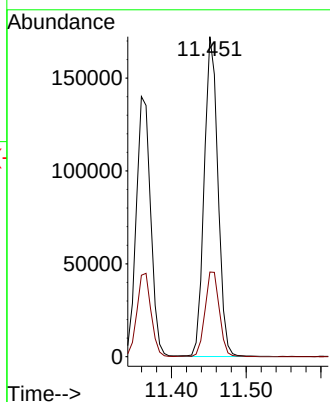
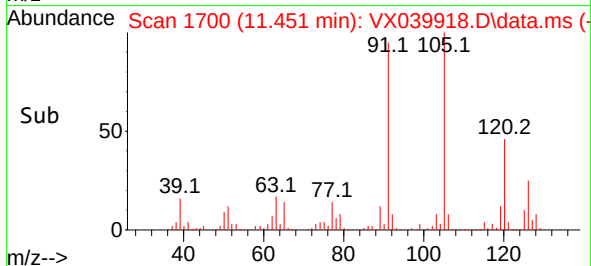
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



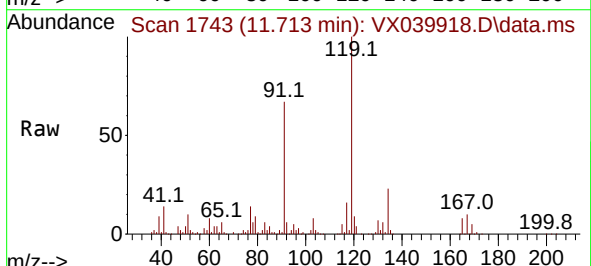
Tgt Ion: 91 Resp: 219690
Ion Ratio Lower Upper
91 100
126 27.8 14.2 42.6

Manual Integrations
APPROVED

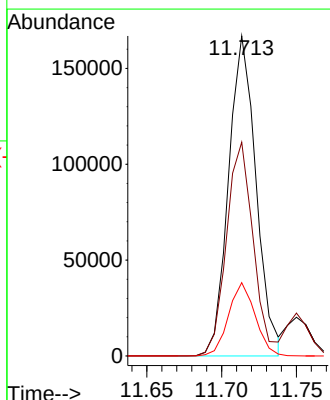
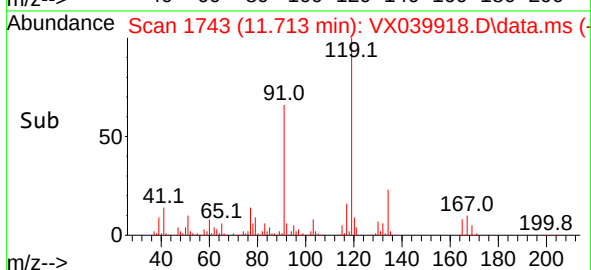
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

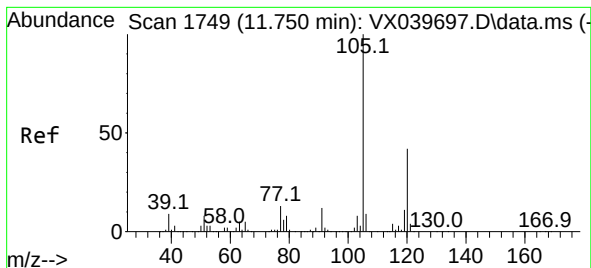


#83
tert-Butylbenzene
Concen: 50.411 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34



Tgt Ion:119 Resp: 213534
Ion Ratio Lower Upper
119 100
91 65.2 31.2 93.6
134 22.2 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 49.920 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039918.D

Acq: 23 Jan 2024 18:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MSD

Tgt Ion:105 Resp: 220969

Ion Ratio Lower Upper

105 100

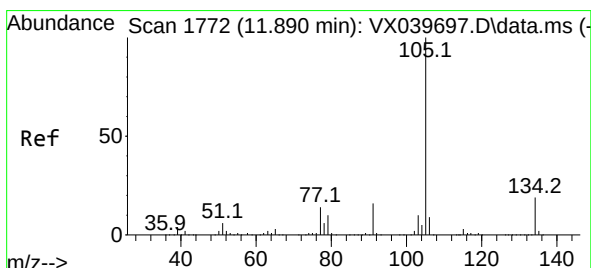
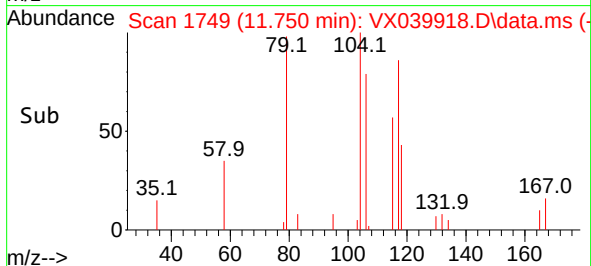
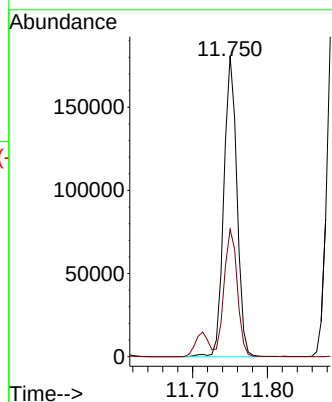
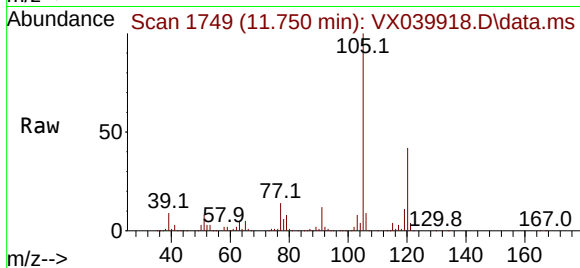
120 43.0 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#85

sec-Butylbenzene

Concen: 50.152 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX039918.D

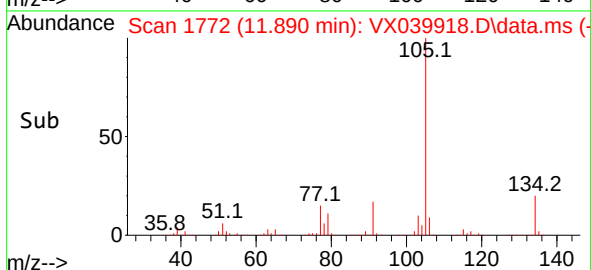
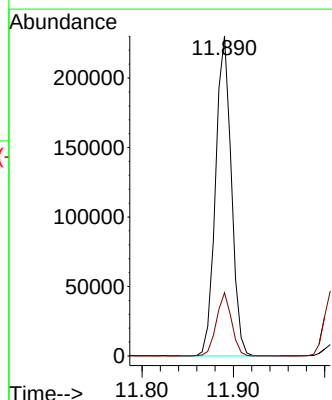
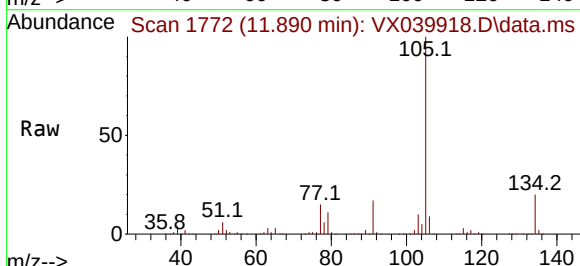
Acq: 23 Jan 2024 18:34

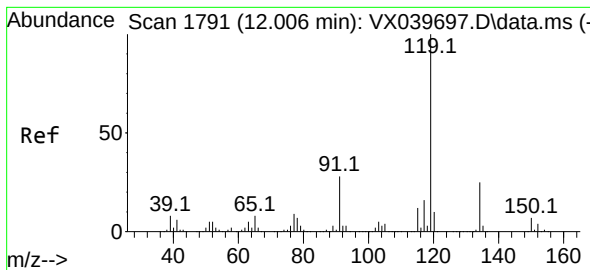
Tgt Ion:105 Resp: 275767

Ion Ratio Lower Upper

105 100

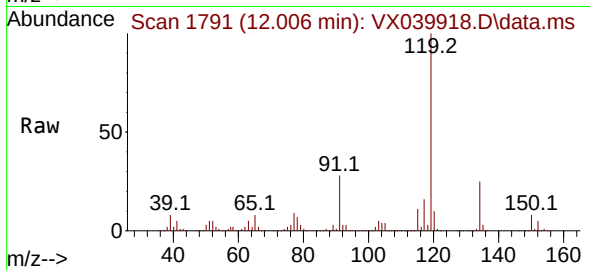
134 19.0 9.8 29.4





#86
p-Isopropyltoluene
Concen: 51.442 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

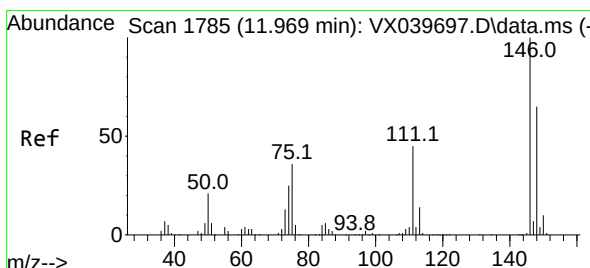
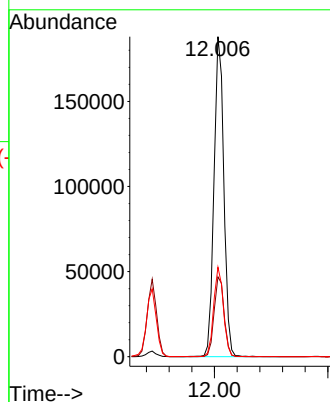
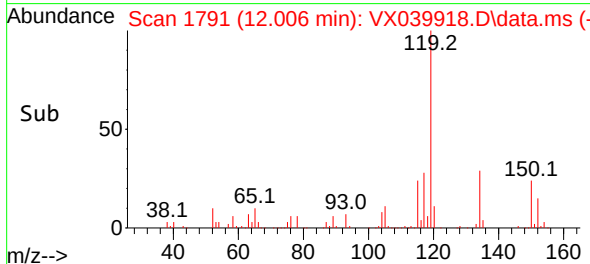
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



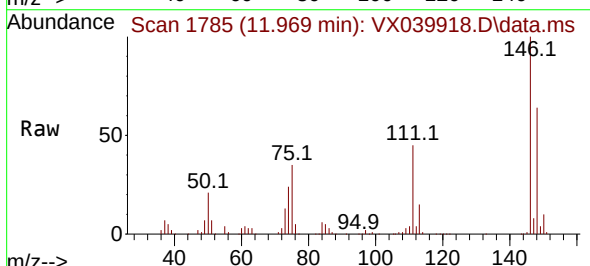
Tgt Ion:119 Resp: 226070
Ion Ratio Lower Upper
119 100
134 25.3 12.8 38.3
91 27.7 13.1 39.3

Manual Integrations
APPROVED

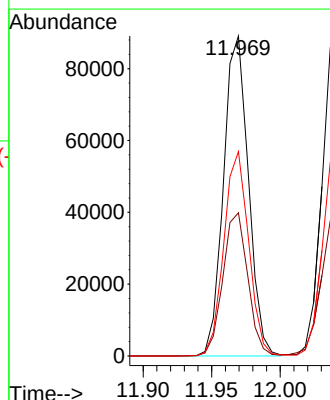
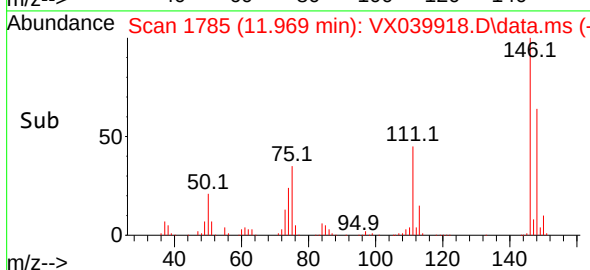
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

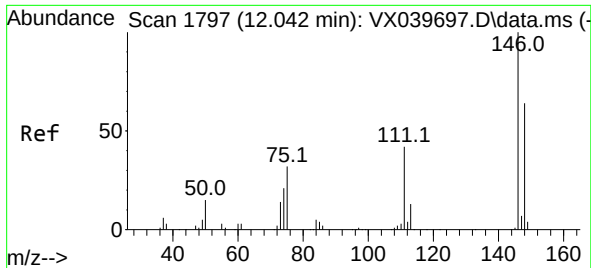


#87
1,3-Dichlorobenzene
Concen: 50.419 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34



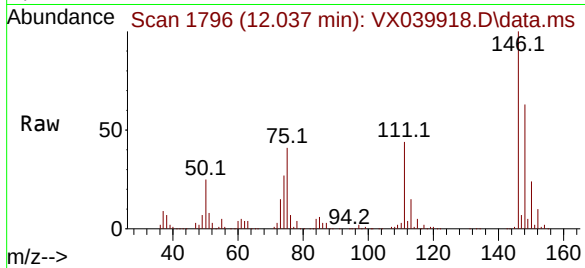
Tgt Ion:146 Resp: 112414
Ion Ratio Lower Upper
146 100
111 44.9 22.1 66.1
148 63.7 31.8 95.3





#88
1,4-Dichlorobenzene
Concen: 49.372 ug/l
RT: 12.037 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

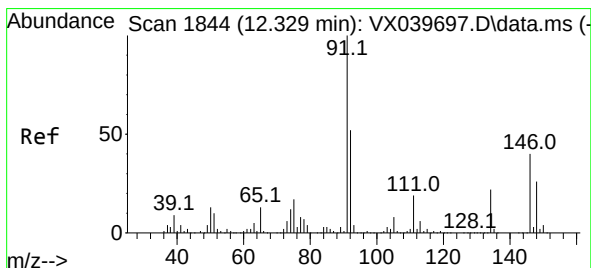
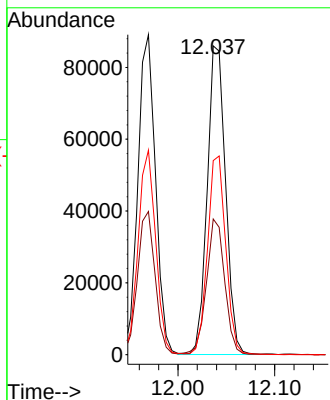
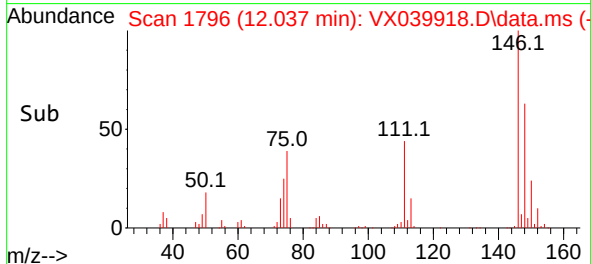
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD



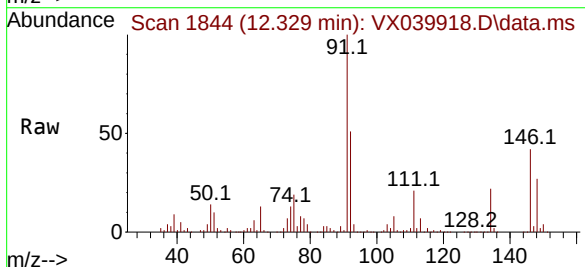
Tgt Ion:146 Resp: 11369
Ion Ratio Lower Upper
146 100
111 43.6 21.3 63.7
148 64.0 31.8 95.4

Manual Integrations
APPROVED

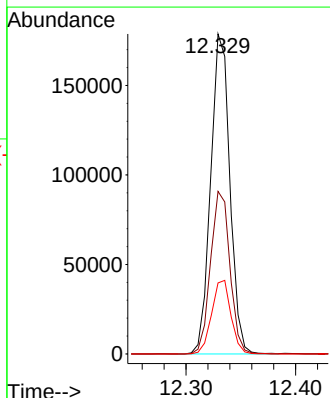
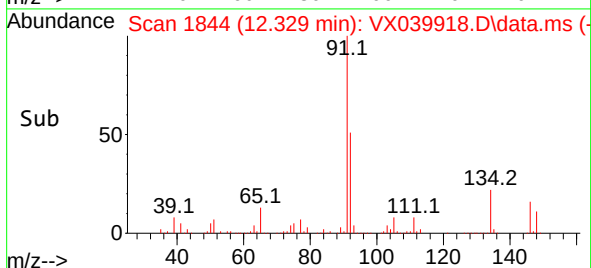
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

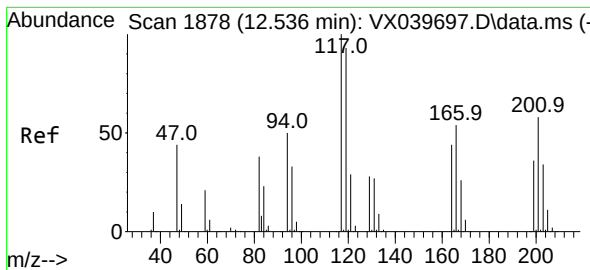


#89
n-Butylbenzene
Concen: 51.205 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34



Tgt Ion: 91 Resp: 217342
Ion Ratio Lower Upper
91 100
92 51.5 27.4 82.0
134 23.2 12.6 37.8





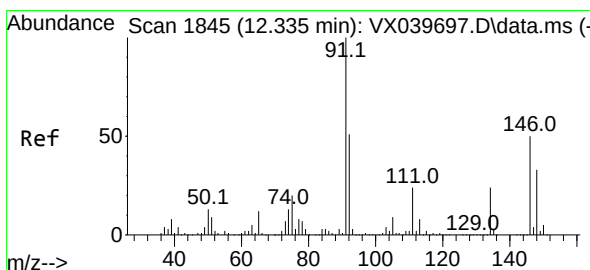
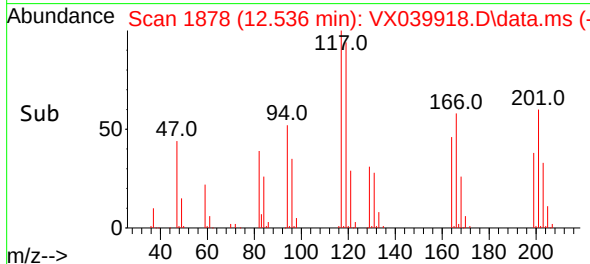
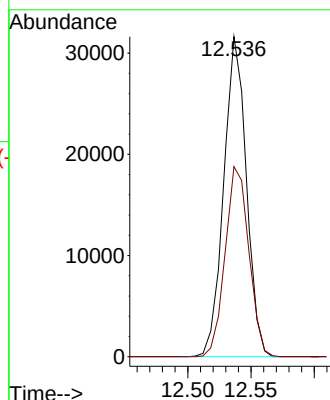
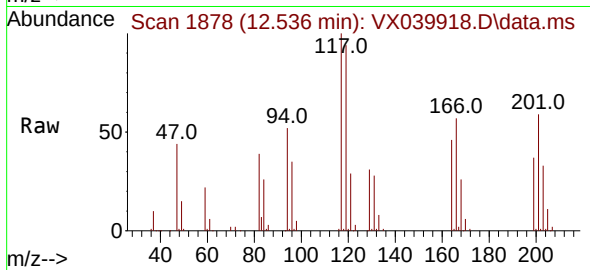
#90
Hexachloroethane
Concen: 52.948 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MSD

Tgt Ion:117 Resp: 3925
Ion Ratio Lower Upper
117 100
201 62.4 32.9 98.6

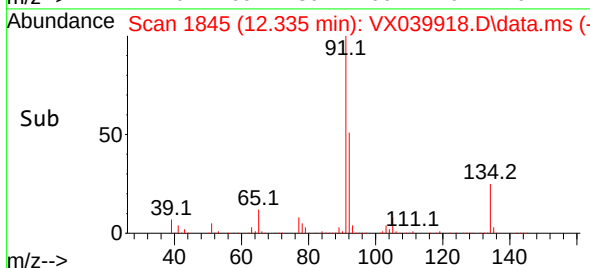
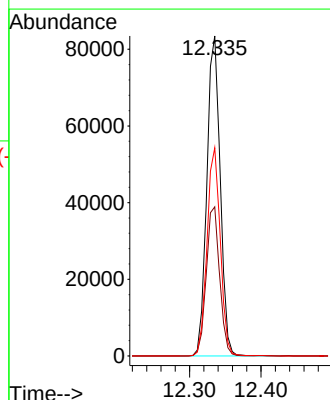
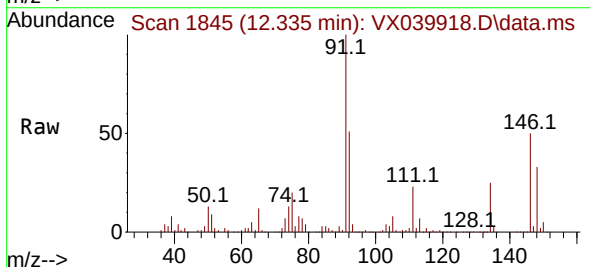
Manual Integrations
APPROVED

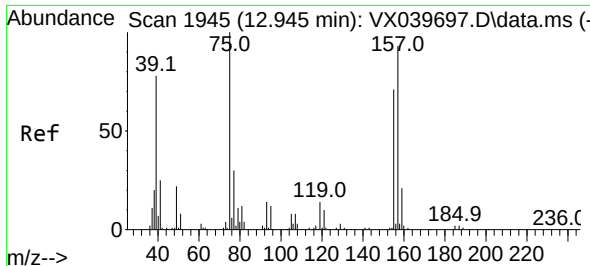
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#91
1,2-Dichlorobenzene
Concen: 49.193 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

Tgt Ion:146 Resp: 108434
Ion Ratio Lower Upper
146 100
111 46.8 22.4 67.0
148 64.7 31.6 95.0





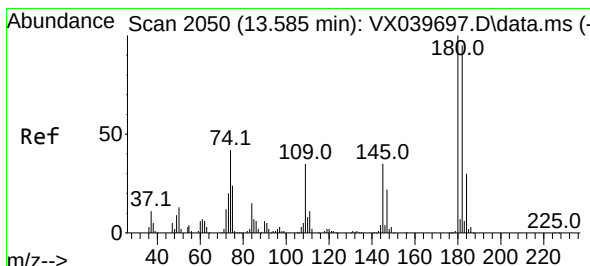
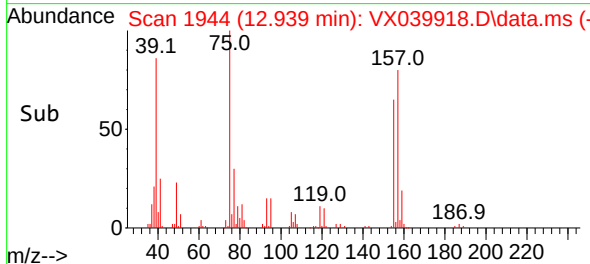
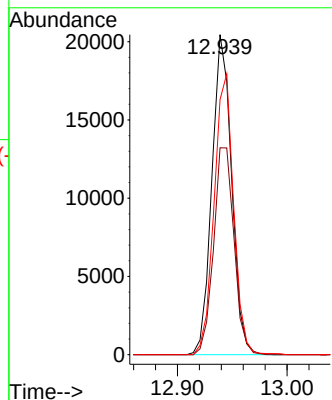
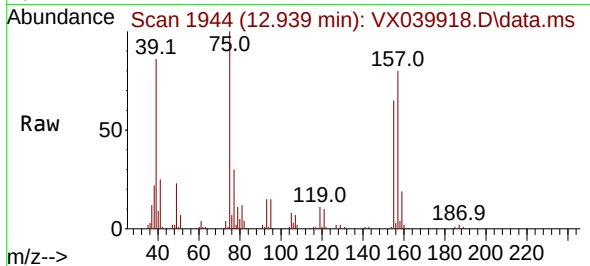
#92
1,2-Dibromo-3-Chloropropane
Concen: 52.186 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

Instrument : MSVOA_X
ClientSampleId : BP-VPB-191-GW-378-380MSD

Tgt Ion: 75 Resp: 25509
Ion Ratio Lower Upper
75 100
155 67.1 36.1 108.5
157 86.9 44.9 134.7

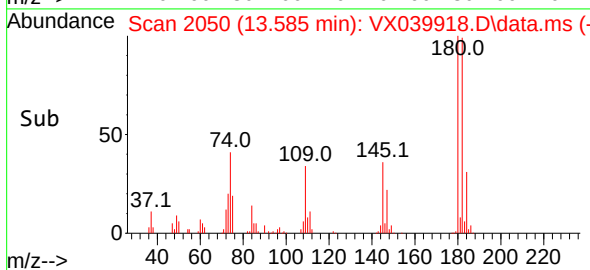
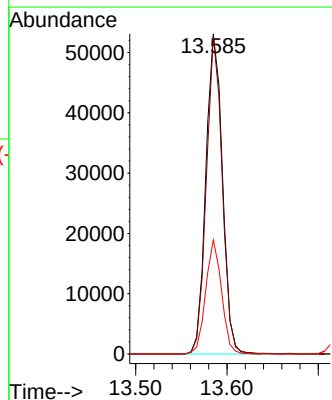
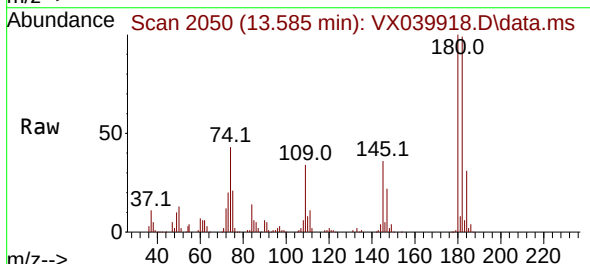
Manual Integrations
APPROVED

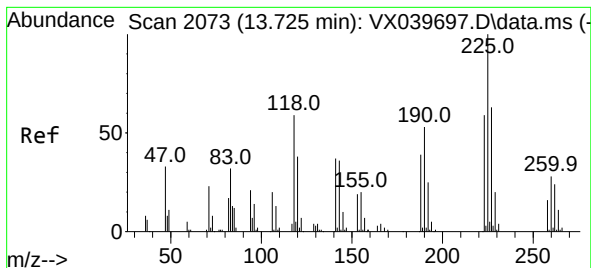
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#93
1,2,4-Trichlorobenzene
Concen: 49.454 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039918.D
Acq: 23 Jan 2024 18:34

Tgt Ion:180 Resp: 66616
Ion Ratio Lower Upper
180 100
182 95.1 48.3 144.8
145 34.1 18.0 54.0





#94

Hexachlorobutadiene

Concen: 49.993 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039918.D

Acq: 23 Jan 2024 18:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MSD

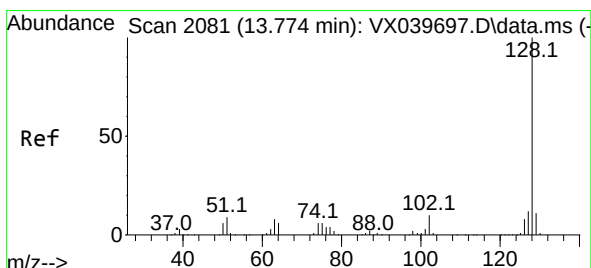
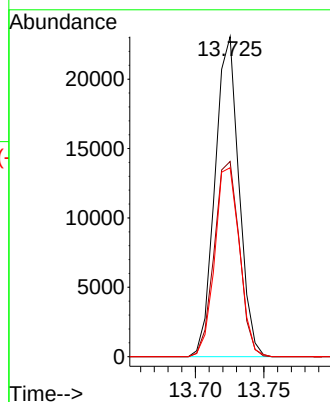
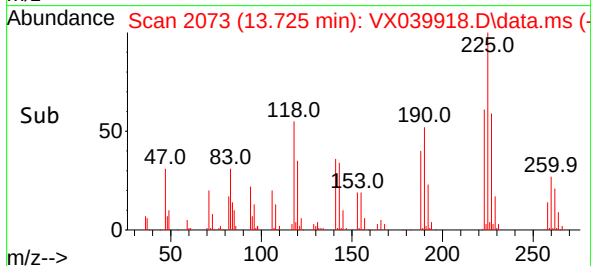
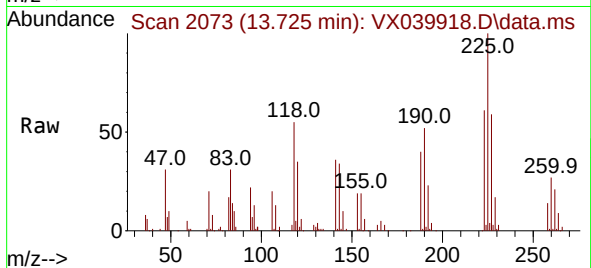
Tgt Ion:	225	Resp:	27994
Ion Ratio	Lower	Upper	
225	100		
223	63.7	31.1	93.2
227	61.4	32.5	97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#95

Naphthalene

Concen: 48.636 ug/l

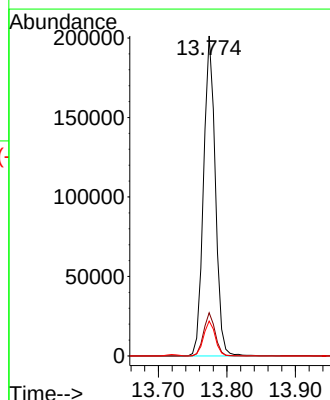
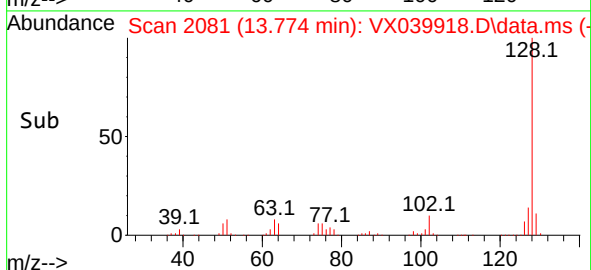
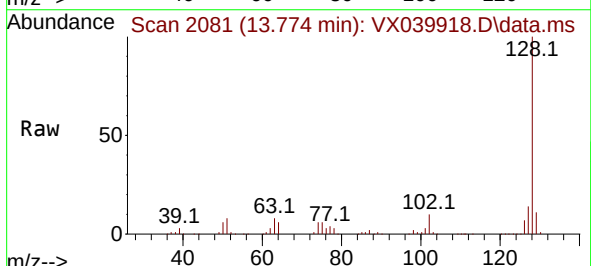
RT: 13.774 min Scan# 2081

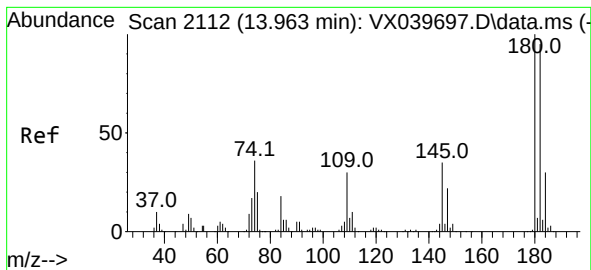
Delta R.T. 0.000 min

Lab File: VX039918.D

Acq: 23 Jan 2024 18:34

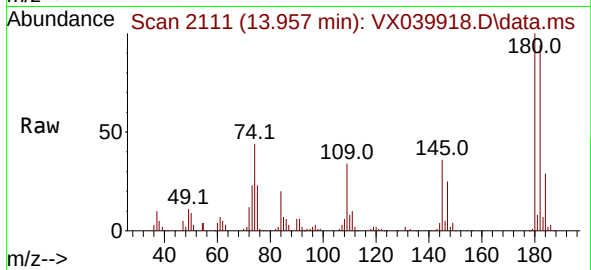
Tgt Ion:	128	Resp:	241184
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	10.8	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 48.414 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.006 min
 Lab File: VX039918.D
 Acq: 23 Jan 2024 18:34

Instrument : MSVOA_X
 ClientSampleId : BP-VPB-191-GW-378-380MSD



Tgt Ion:180 Resp: 65819
 Ion Ratio Lower Upper
 180 100
 182 93.6 46.9 140.6
 145 36.0 17.8 53.5

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

