

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039917.D
 Acq On : 23 Jan 2024 18:12
 Operator : JC/MD
 Sample : P1222-03MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jan 24 02:35:19 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	69790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55792	47.723	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.440%
35) Dibromofluoromethane	5.385	113	42353	50.367	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.740%
50) Toluene-d8	8.647	98	152697	48.147	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.300%
62) 4-Bromofluorobenzene	11.079	95	64228	51.789	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.580%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	41025	45.434	ug/l	99
3) Chloromethane	1.294	50	46654	45.242	ug/l	98
4) Vinyl Chloride	1.374	62	47555	48.864	ug/l	100
5) Bromomethane	1.599	94	32598	58.704	ug/l	96
6) Chloroethane	1.679	64	30248	54.674	ug/l	99
7) Trichlorofluoromethane	1.886	101	77244	55.021	ug/l	98
8) Diethyl Ether	2.130	74	27848	53.676	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	47475	54.546	ug/l	98
10) Methyl Iodide	2.453	142	52101	56.743	ug/l	95
11) Tert butyl alcohol	2.959	59	84756	278.506	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	45733	54.446	ug/l	92
13) Acrolein	2.233	56	50423	270.642	ug/l	99
14) Allyl chloride	2.666	41	85317	51.606	ug/l	99
15) Acrylonitrile	3.062	53	168914	268.704	ug/l	99
16) Acetone	2.374	43	140988	214.435	ug/l	96
17) Carbon Disulfide	2.508	76	121525	50.336	ug/l	100
18) Methyl Acetate	2.697	43	75487	54.878	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	163049	54.676	ug/l	96
20) Methylene Chloride	2.788	84	54544	54.845	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	48300	54.641	ug/l	95
22) Diisopropyl ether	3.757	45	170767	54.127	ug/l	98
23) Vinyl Acetate	3.721	43	791229	269.796	ug/l	100
24) 1,1-Dichloroethane	3.605	63	94945	54.703	ug/l	99
25) 2-Butanone	4.550	43	237091	250.930	ug/l	97
26) 2,2-Dichloropropane	4.471	77	66902	48.027	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	56900	56.123	ug/l	97
28) Bromochloromethane	4.891	49	40567	51.562	ug/l	96
29) Tetrahydrofuran	4.995	42	158823	261.159	ug/l	99
30) Chloroform	5.093	83	98412	57.436	ug/l	98
31) Cyclohexane	5.471	56	77419	50.177	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	83468	56.902	ug/l	98
36) 1,1-Dichloropropene	5.690	75	69844	53.362	ug/l	99
37) Ethyl Acetate	4.708	43	88781	50.844	ug/l	98
38) Carbon Tetrachloride	5.672	117	68482	57.126	ug/l	97
39) Methylcyclohexane	7.379	83	81073	51.582	ug/l	97
40) Benzene	6.037	78	204431	55.158	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	47468	55.591	ug/l	95
42) 1,2-Dichloroethane	6.086	62	81489	57.832	ug/l	100
43) Isopropyl Acetate	6.336	43	138711	54.152	ug/l	98
44) Trichloroethene	7.123	130	50856	55.989	ug/l	96
45) 1,2-Dichloropropane	7.428	63	55107	55.427	ug/l	97
46) Dibromomethane	7.580	93	40538	59.032	ug/l	96
47) Bromodichloromethane	7.818	83	76740	60.338	ug/l	98
48) Methyl methacrylate	7.690	41	70020	55.613	ug/l	94
49) 1,4-Dioxane	7.653	88	25657	1053.136	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	490846	278.236	ug/l	98
52) Toluene	8.714	92	127515	57.602	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	77905	57.726	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	81343	54.815	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	54081	57.380	ug/l	95
56) Ethyl methacrylate	9.116	69	87551	57.395	ug/l	95
57) 1,3-Dichloropropane	9.305	76	91906	57.541	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.360	63	567	0.786	ug/l #	47
59) 2-Hexanone	9.427	43	389532	278.991	ug/l	98
60) Dibromochloromethane	9.519	129	56117	63.136	ug/l	99
61) 1,2-Dibromoethane	9.610	107	58503	59.940	ug/l	99
64) Tetrachloroethene	9.275	164	41805	53.870	ug/l	98
65) Chlorobenzene	10.079	112	136185	54.792	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	50088	59.183	ug/l	99
67) Ethyl Benzene	10.195	91	256092	55.498	ug/l	97
68) m/p-Xylenes	10.299	106	188961	111.346	ug/l	96
69) o-Xylene	10.640	106	92573	55.082	ug/l	94
70) Styrene	10.653	104	150571	54.845	ug/l	98
71) Bromoform	10.799	173	38922	61.247	ug/l #	100
73) Isopropylbenzene	10.957	105	251438	51.140	ug/l	99
74) N-amyl acetate	10.842	43	127500	49.750	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	96111	51.192	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	102312	63.904	ug/l	90
77) Bromobenzene	11.195	156	56394	51.515	ug/l	97
78) n-propylbenzene	11.305	91	305311	51.306	ug/l	97
79) 2-Chlorotoluene	11.360	91	179822	48.893	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	216034	51.735	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	23364	44.154	ug/l	94
82) 4-Chlorotoluene	11.451	91	212162	50.856	ug/l	98
83) tert-Butylbenzene	11.713	119	206101	51.698	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	215813	51.803	ug/l	99
85) sec-Butylbenzene	11.890	105	269015	51.983	ug/l	98
86) p-Isopropyltoluene	12.006	119	219105	52.974	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	107619	51.285	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	110253	50.871	ug/l	99
89) n-Butylbenzene	12.329	91	210756	52.757	ug/l	96
90) Hexachloroethane	12.536	117	37229	53.354	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	105499	50.854	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23843	51.827	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	64026	50.502	ug/l	98
94) Hexachlorobutadiene	13.725	225	27534	52.245	ug/l	97
95) Naphthalene	13.774	128	230461	49.379	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	62549	48.885	ug/l	98

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QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

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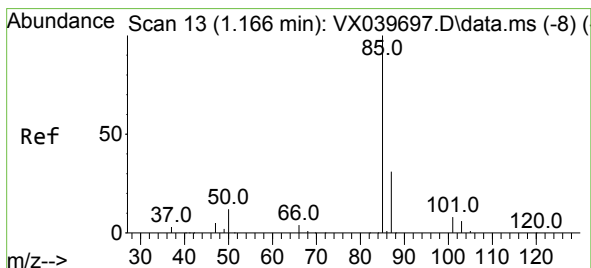
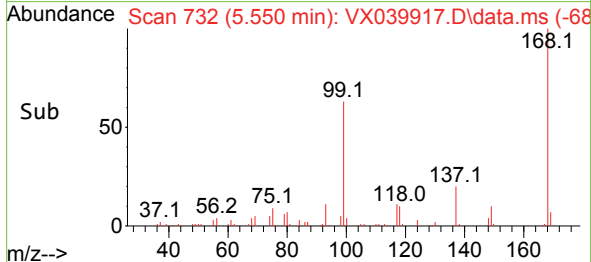
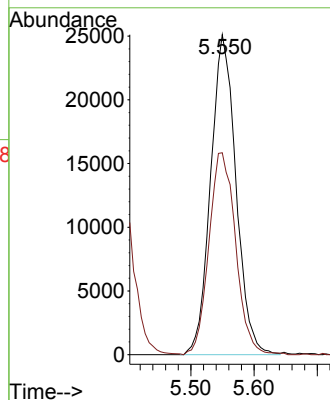
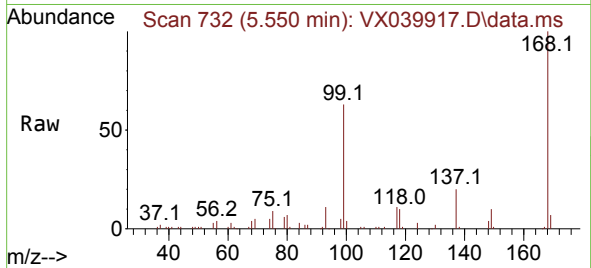
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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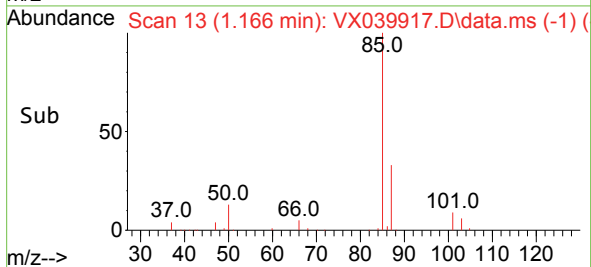
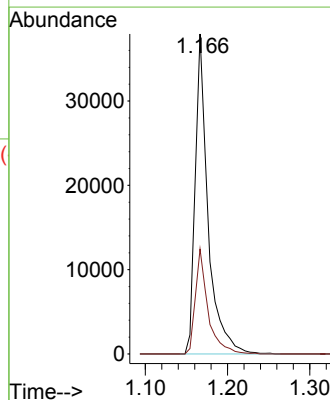
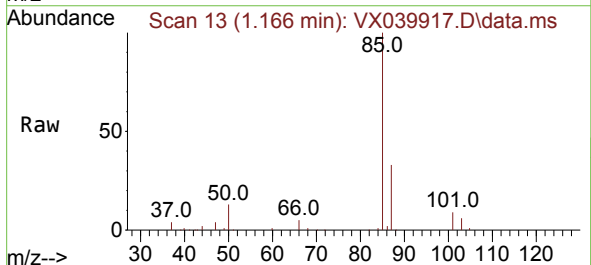
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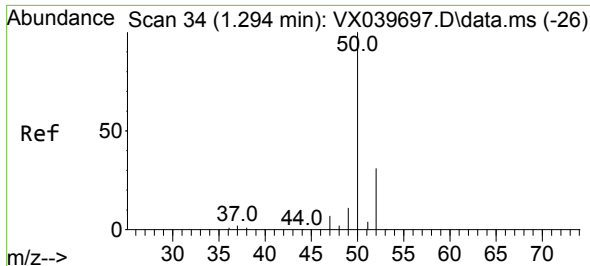
Tgt Ion:168 Resp: 69790
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 45.434 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 85 Resp: 41025
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1

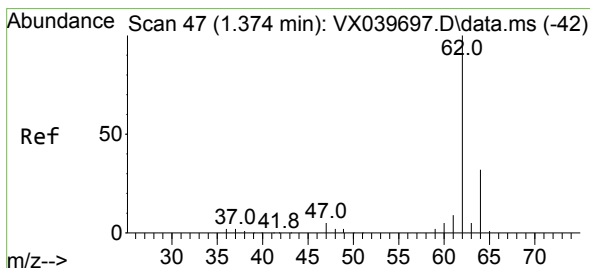
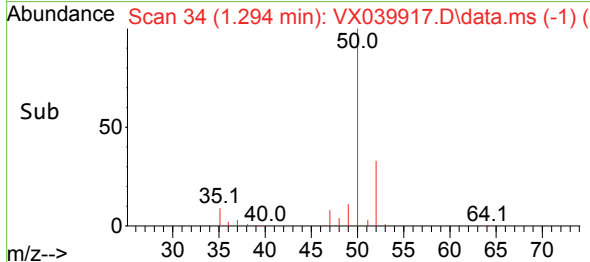
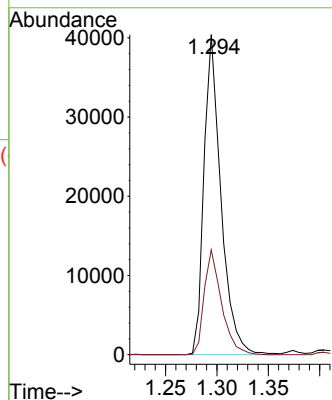
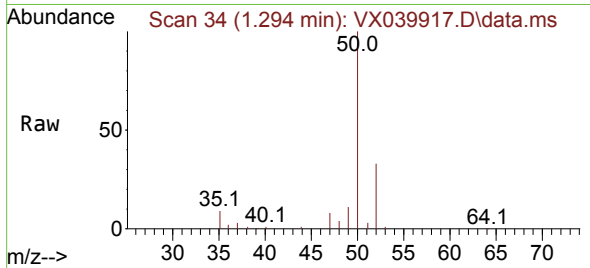




#3
Chloromethane
Concen: 45.242 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

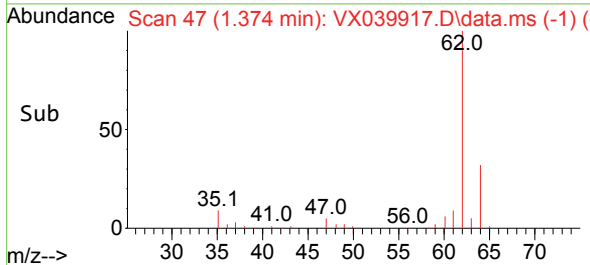
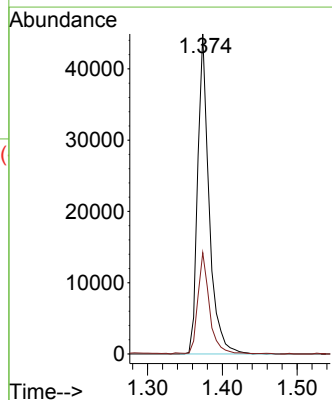
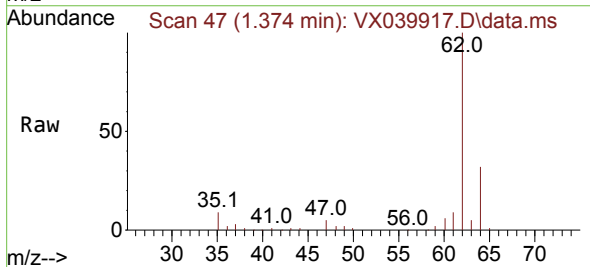
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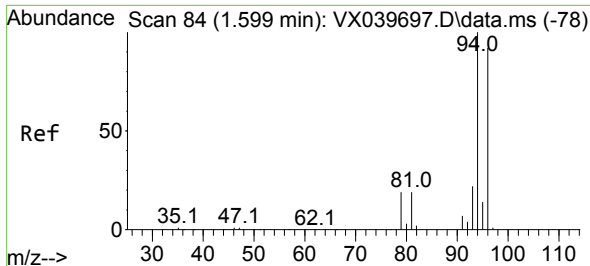
Tgt Ion: 50 Resp: 46654
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3



#4
Vinyl Chloride
Concen: 48.864 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 62 Resp: 47555
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

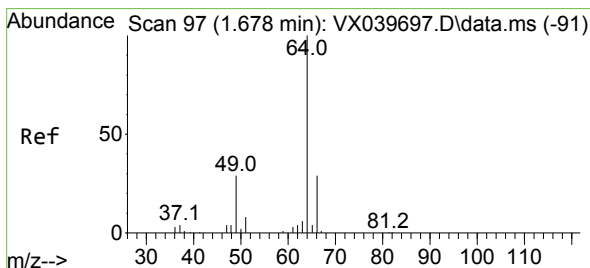
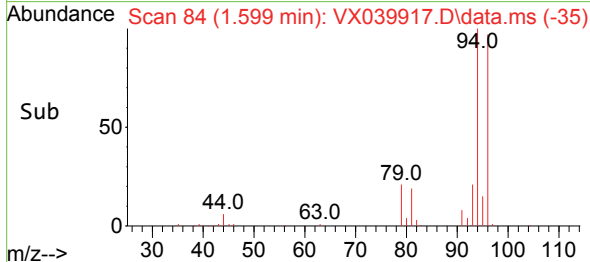
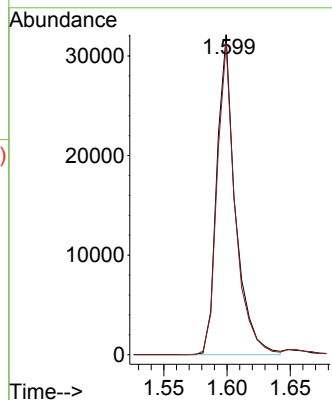
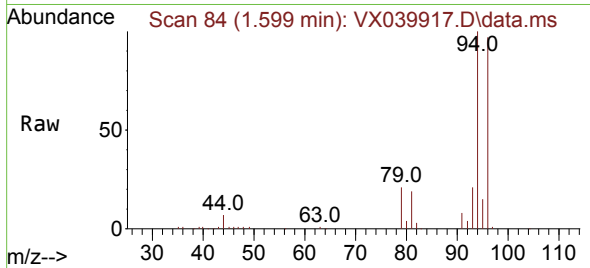




#5
Bromomethane
Concen: 58.704 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039917.D
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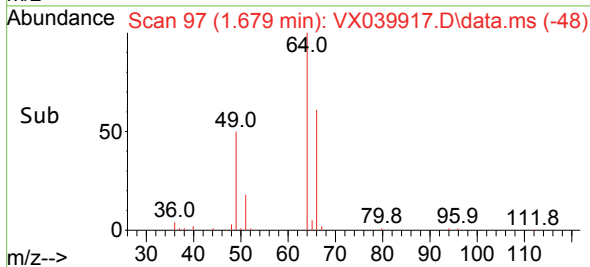
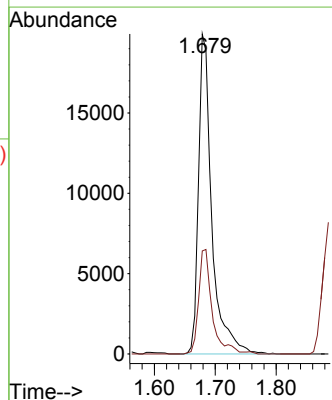
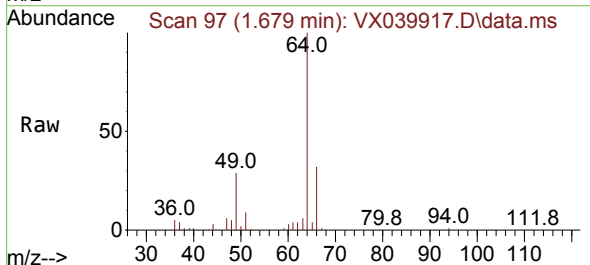
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Tgt Ion: 94 Resp: 32598
Ion Ratio Lower Upper
94 100
96 97.2 74.6 111.8



#6
Chloroethane
Concen: 54.674 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 64 Resp: 30248
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7

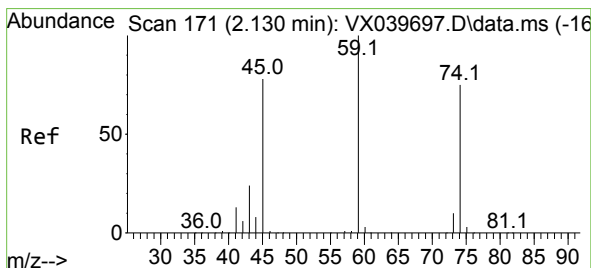
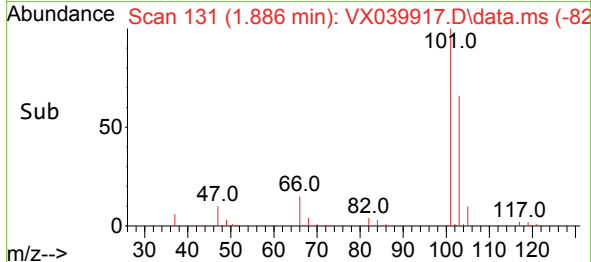
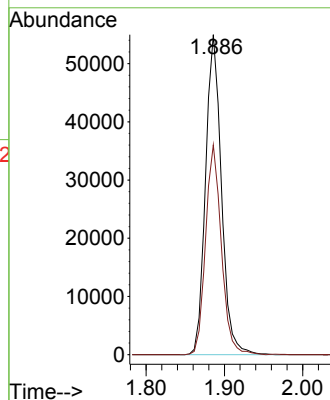
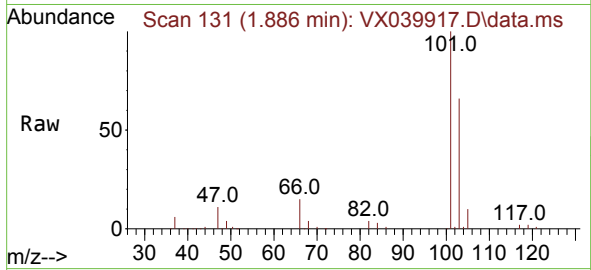




#7
 Trichlorofluoromethane
 Concen: 55.021 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
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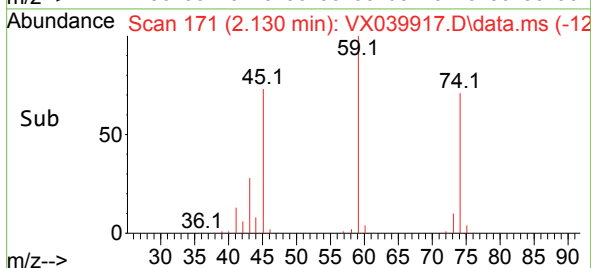
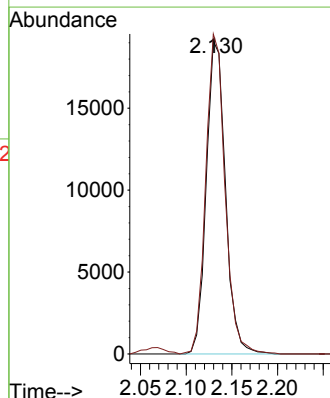
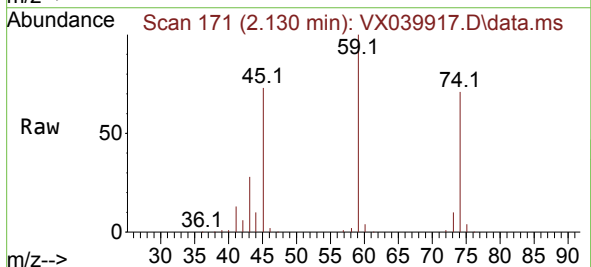
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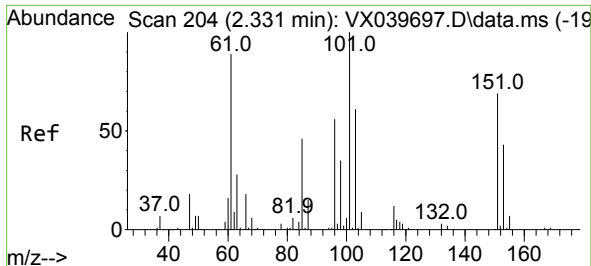
Tgt Ion:101 Resp: 77244
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.4 77.2



#8
 Diethyl Ether
 Concen: 53.676 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX039917.D
 Acq: 23 Jan 2024 18:12

Tgt Ion: 74 Resp: 27848
 Ion Ratio Lower Upper
 74 100
 45 102.8 53.3 159.8

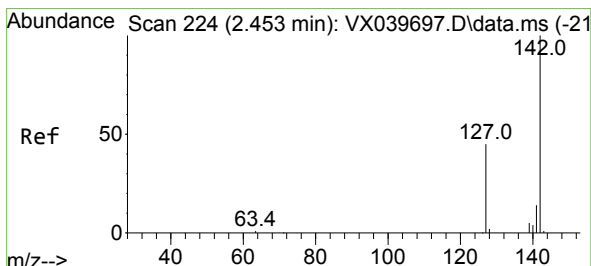
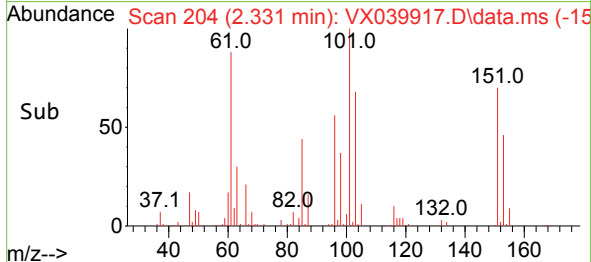
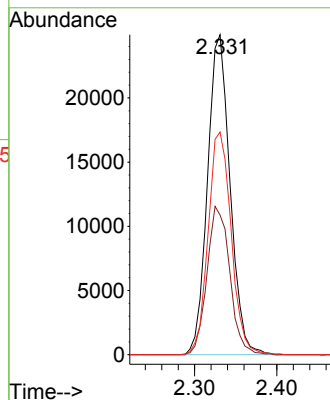
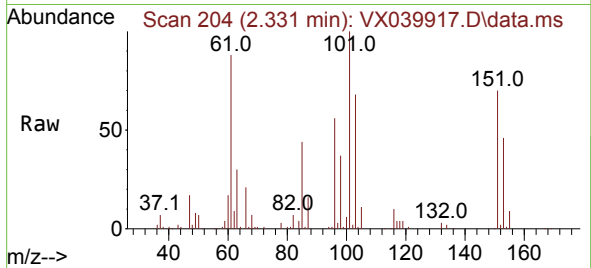




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.546 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
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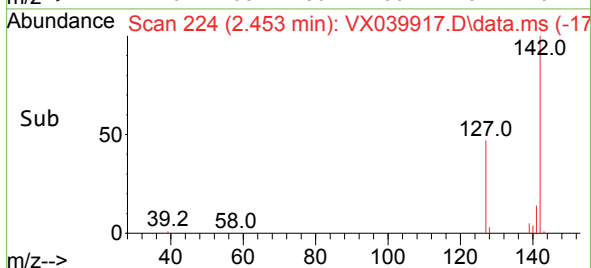
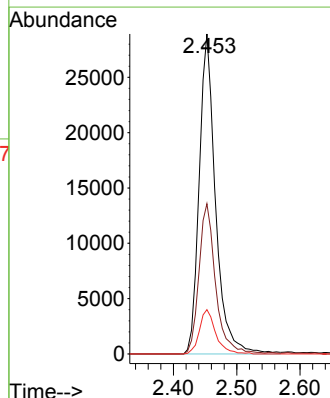
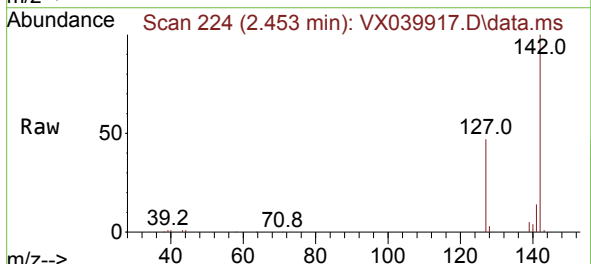
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BP-VPB-191-GW-378-380MS

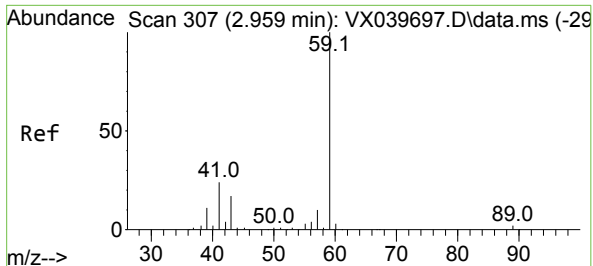
Tgt Ion:101 Resp: 47475
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.6
151 71.4 58.6 87.8



#10
Methyl Iodide
Concen: 56.743 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion:142 Resp: 52101
Ion Ratio Lower Upper
142 100
127 47.7 41.6 62.4
141 13.8 11.6 17.4

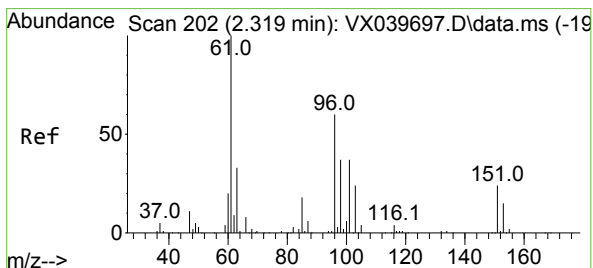
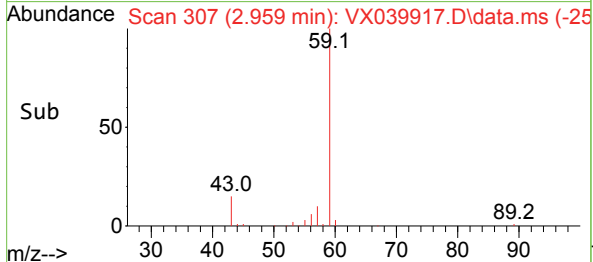
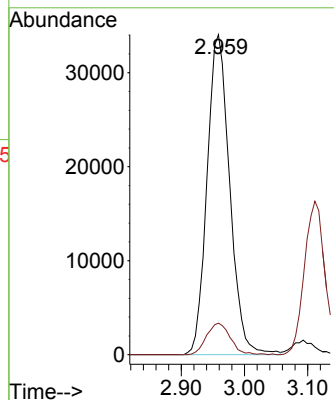
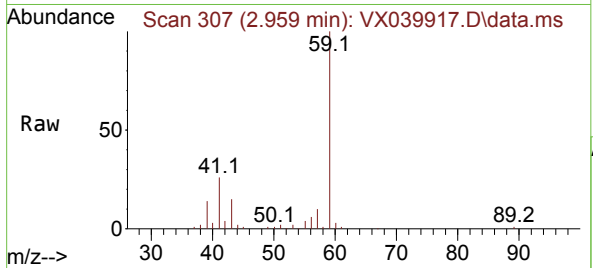




#11
Tert butyl alcohol
Concen: 278.506 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

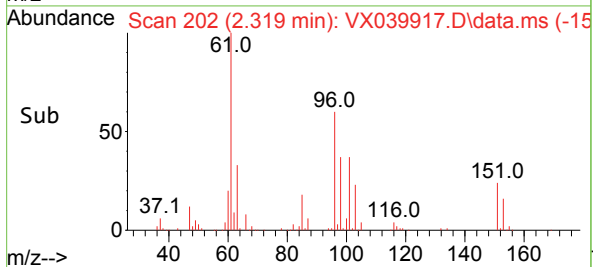
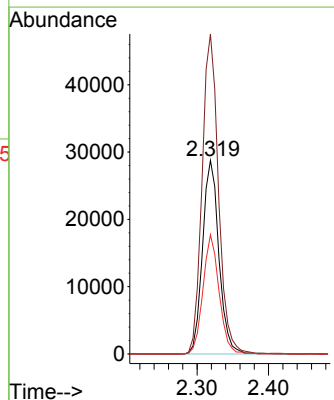
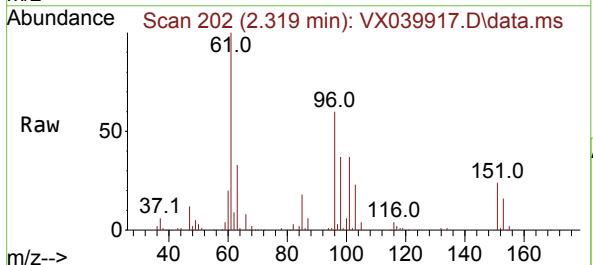
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

Tgt Ion: 59 Resp: 84756
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 54.446 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 96 Resp: 45733
Ion Ratio Lower Upper
96 100
61 165.3 144.6 216.8
98 61.6 50.4 75.6





#13

Acrolein

Concen: 270.642 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

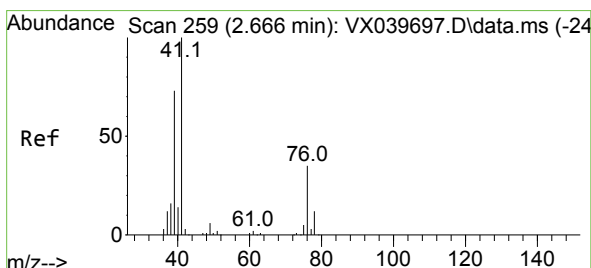
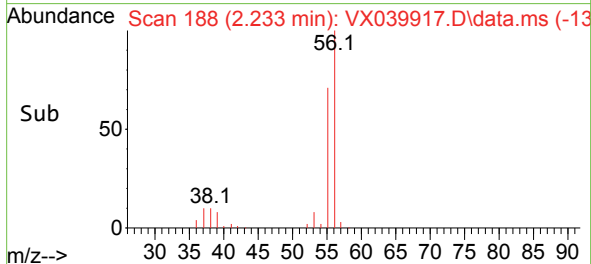
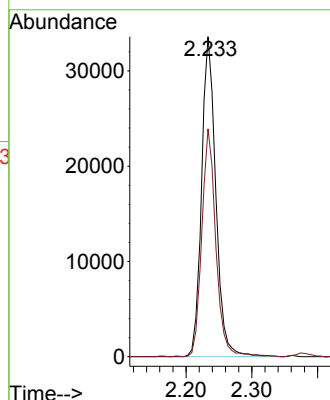
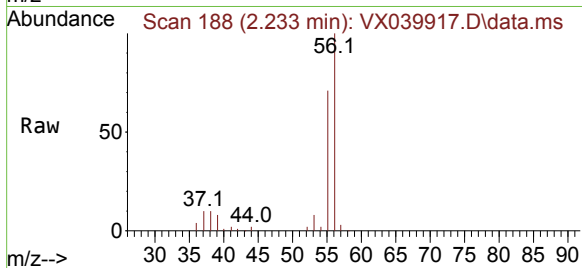
BP-VPB-191-GW-378-380MS

Tgt Ion: 56 Resp: 50423

Ion Ratio Lower Upper

56 100

55 70.5 57.1 85.7



#14

Allyl chloride

Concen: 51.606 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

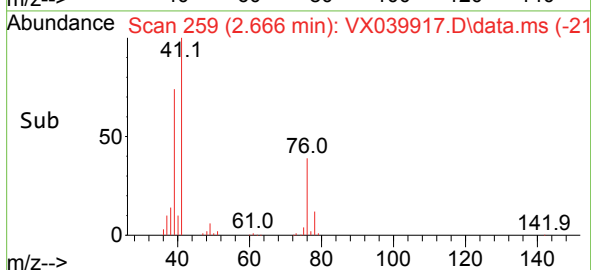
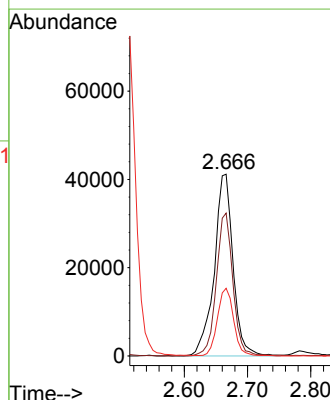
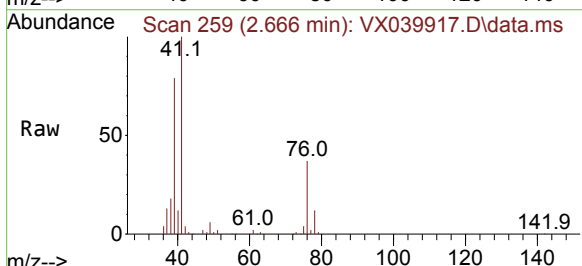
Tgt Ion: 41 Resp: 85317

Ion Ratio Lower Upper

41 100

39 69.2 55.8 83.6

76 32.0 24.3 36.5

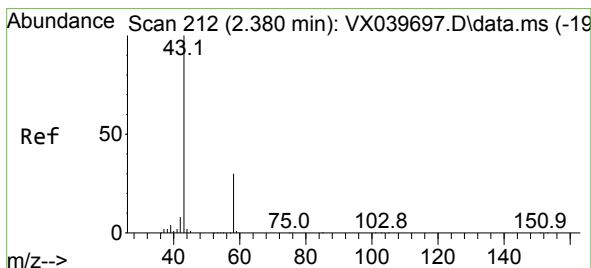
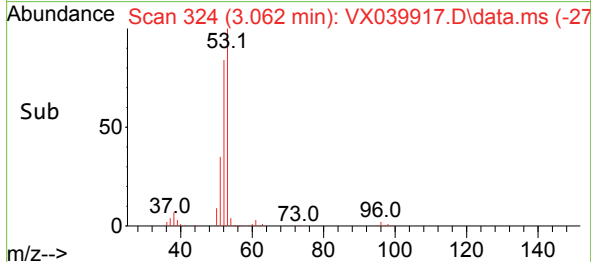
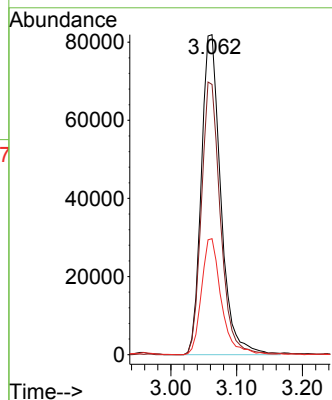
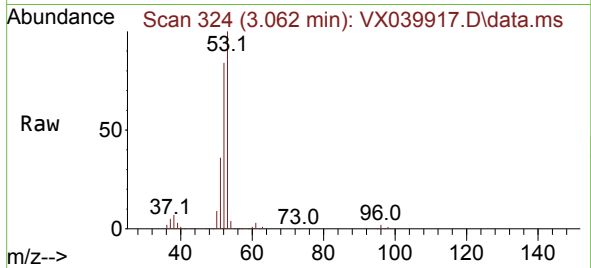




#15
Acrylonitrile
Concen: 268.704 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

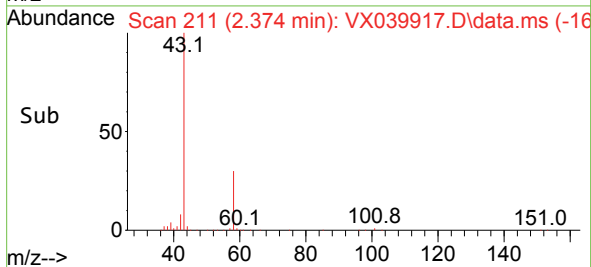
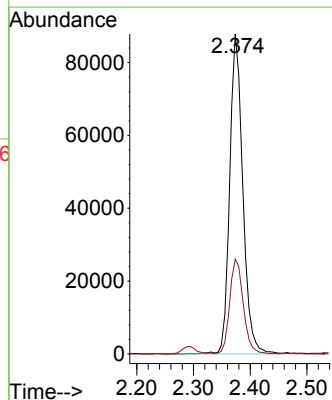
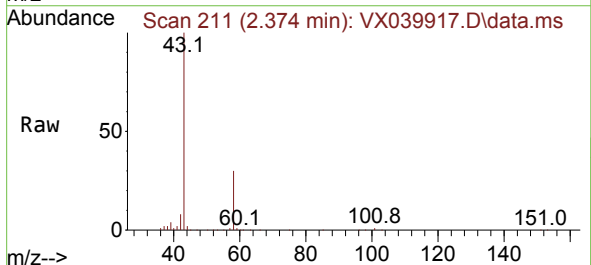
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

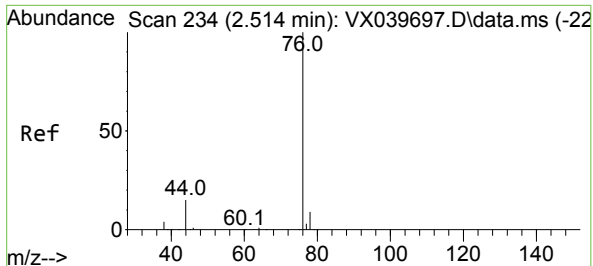
Tgt Ion: 53 Resp: 168914
Ion Ratio Lower Upper
53 100
52 83.6 66.0 99.0
51 36.9 29.8 44.6



#16
Acetone
Concen: 214.435 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 43 Resp: 140988
Ion Ratio Lower Upper
43 100
58 29.5 21.9 32.9





#17

Carbon Disulfide

Concen: 50.336 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

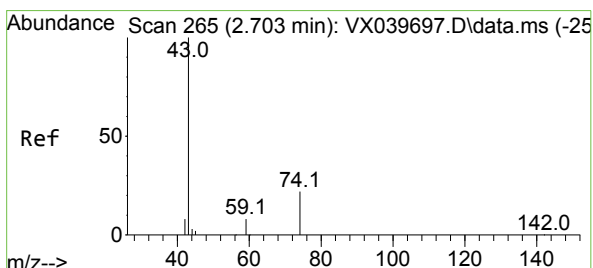
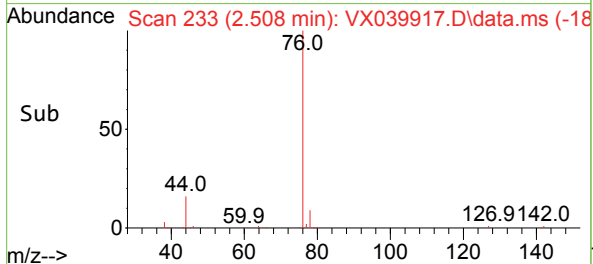
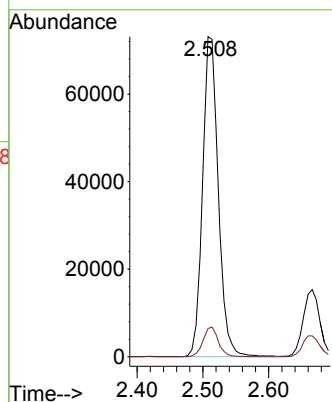
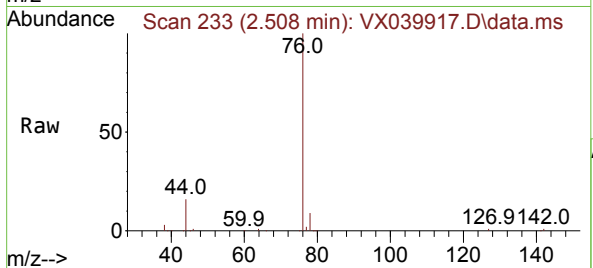
BP-VPB-191-GW-378-380MS

Tgt Ion: 76 Resp: 121525

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



#18

Methyl Acetate

Concen: 54.878 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX039917.D

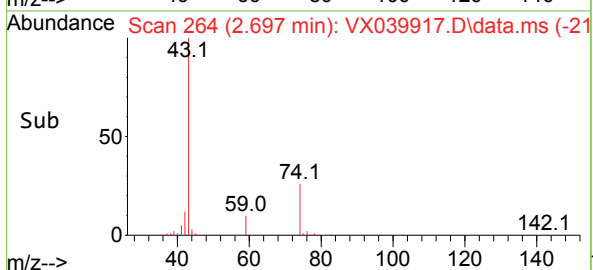
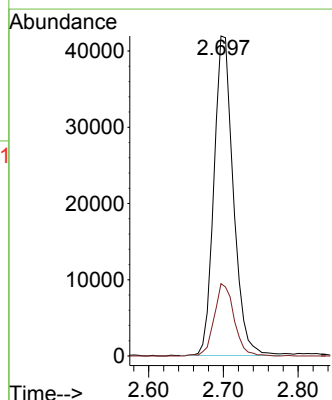
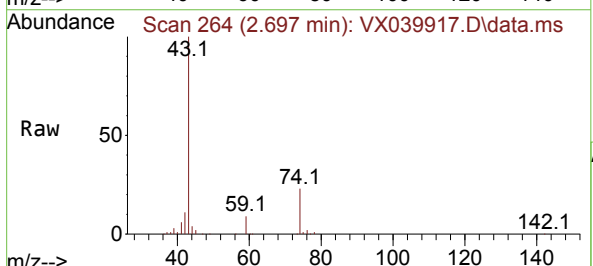
Acq: 23 Jan 2024 18:12

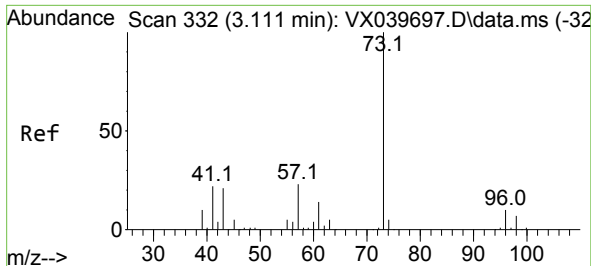
Tgt Ion: 43 Resp: 75487

Ion Ratio Lower Upper

43 100

74 23.3 17.8 26.8

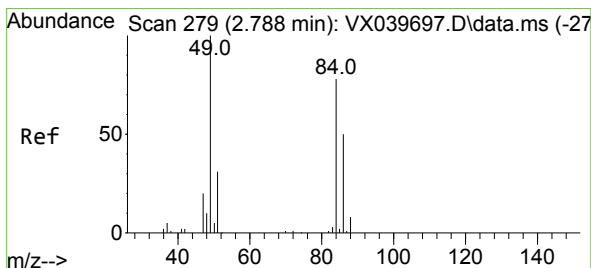
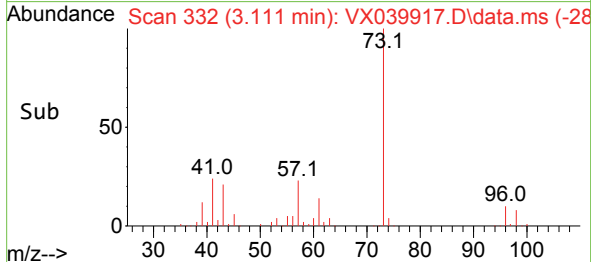
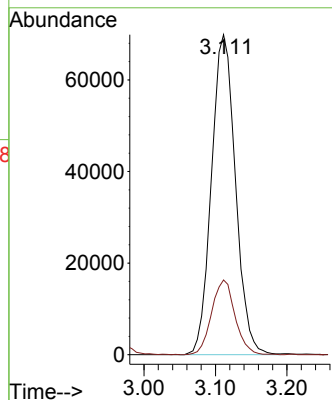
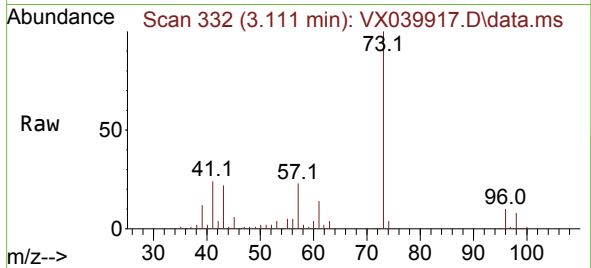




#19
Methyl tert-butyl Ether
Concen: 54.676 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

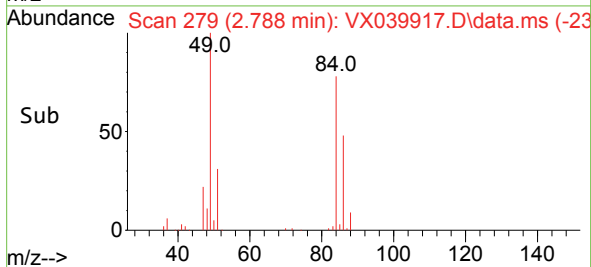
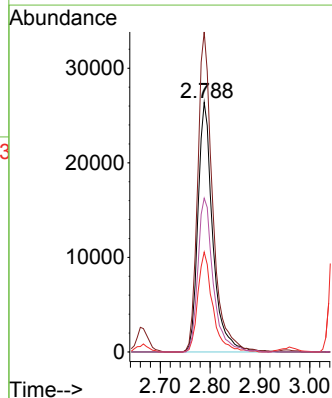
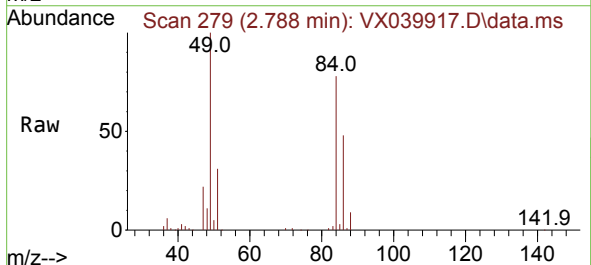
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

Tgt Ion: 73 Resp: 163049
Ion Ratio Lower Upper
73 100
57 23.4 17.3 25.9



#20
Methylene Chloride
Concen: 54.845 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 84 Resp: 54544
Ion Ratio Lower Upper
84 100
49 128.2 103.6 155.4
51 40.0 33.8 50.6
86 61.6 49.4 74.0

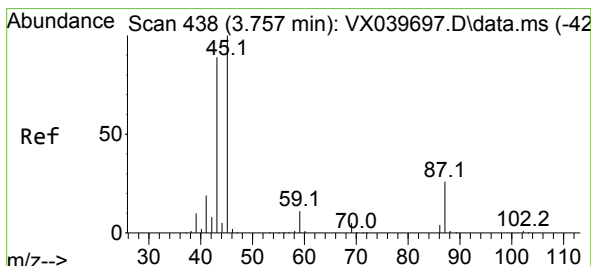
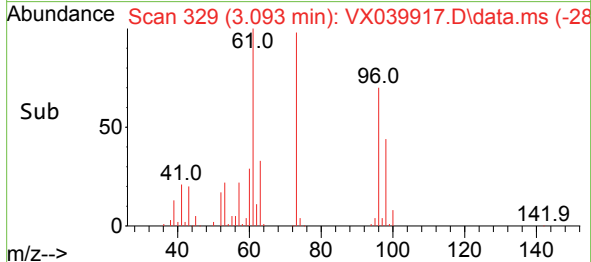
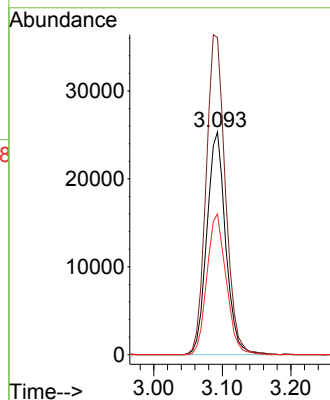
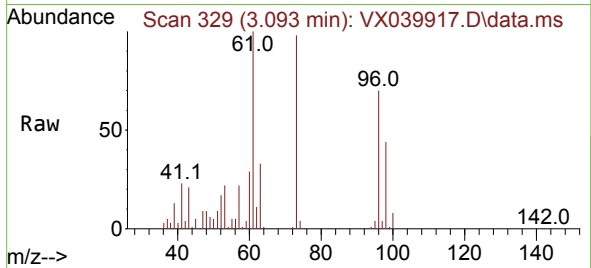




#21
trans-1,2-Dichloroethene
Concen: 54.641 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

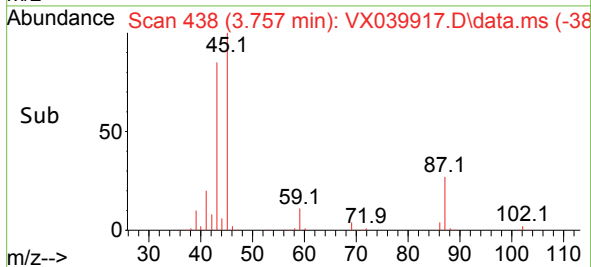
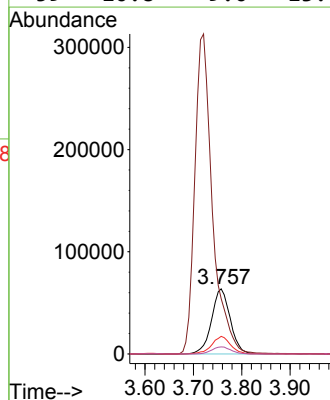
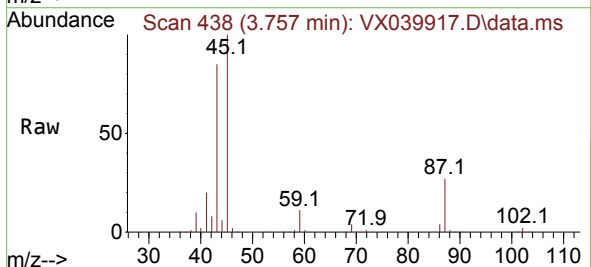
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

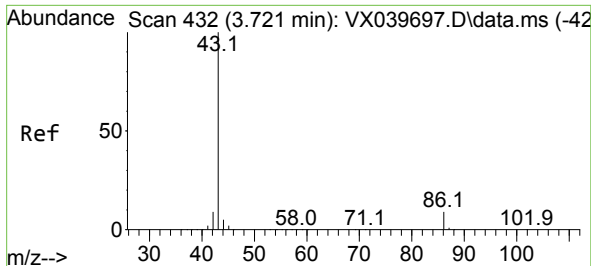
Tgt Ion: 96 Resp: 48300
Ion Ratio Lower Upper
96 100
61 142.4 119.2 178.8
98 63.2 48.7 73.1



#22
Diisopropyl ether
Concen: 54.127 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 45 Resp: 170767
Ion Ratio Lower Upper
45 100
43 84.5 69.7 104.5
87 27.0 20.8 31.2
59 10.8 9.0 13.4

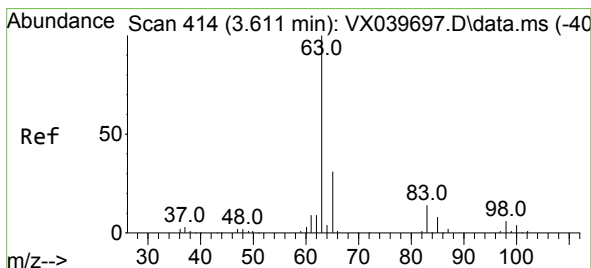
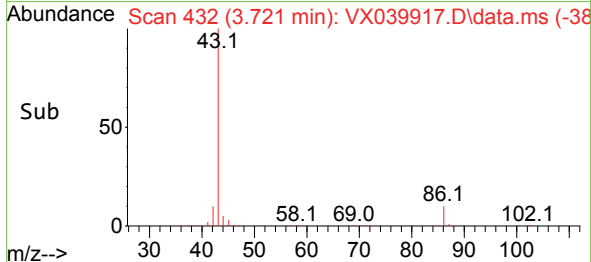
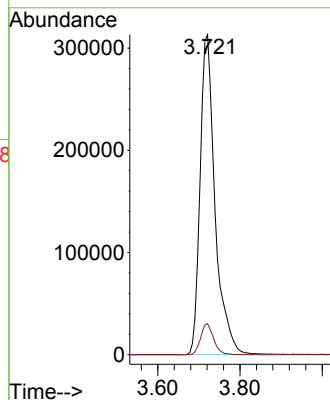
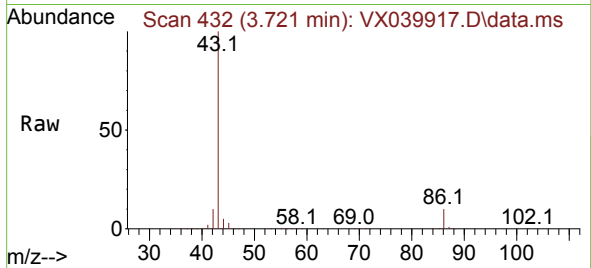




#23
 Vinyl Acetate
 Concen: 269.796 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039917.D
 Acq: 23 Jan 2024 18:12

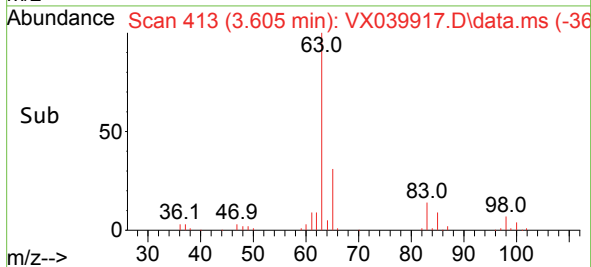
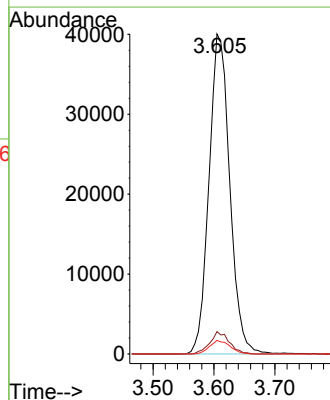
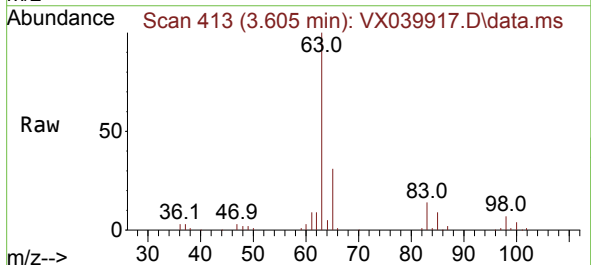
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-378-380MS

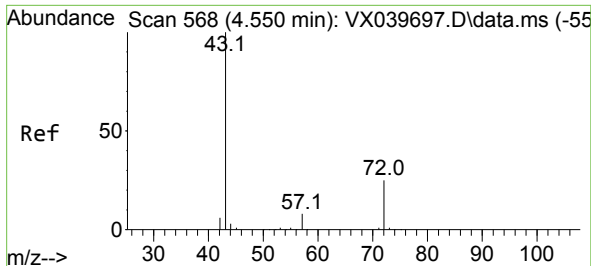
Tgt Ion: 43 Resp: 791229
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 54.703 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039917.D
 Acq: 23 Jan 2024 18:12

Tgt Ion: 63 Resp: 94945
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.3 2.1 6.5

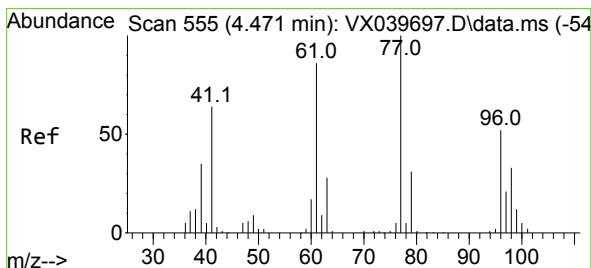
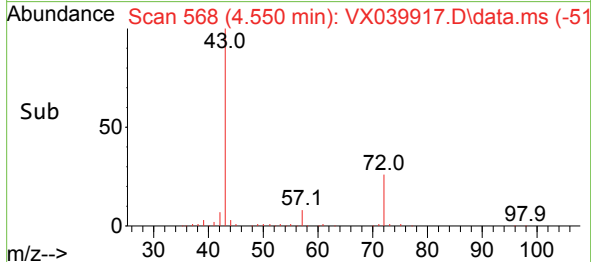
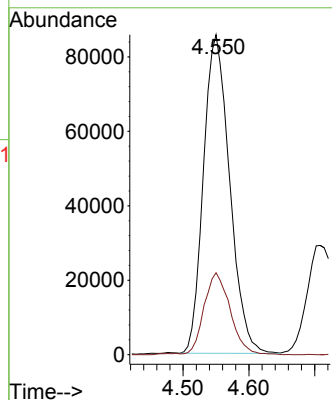
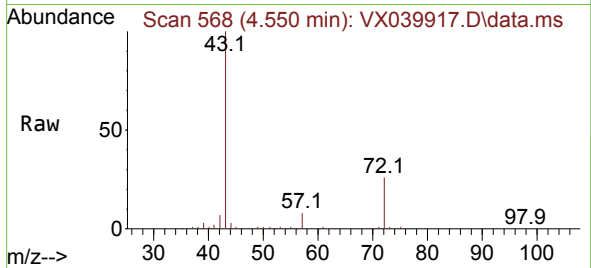




#25
2-Butanone
Concen: 250.930 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

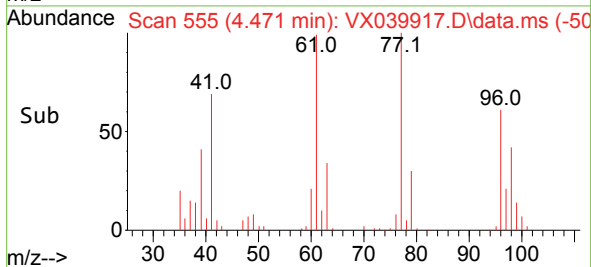
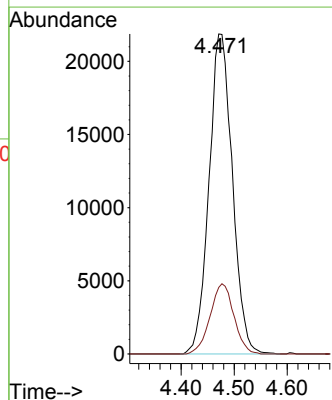
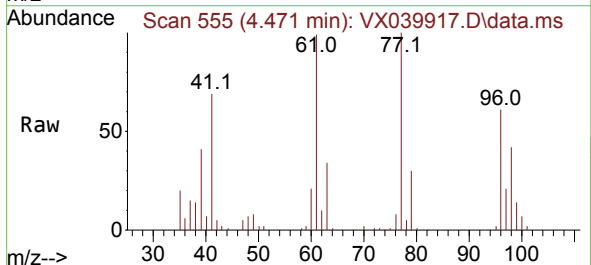
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

Tgt Ion: 43 Resp: 237091
Ion Ratio Lower Upper
43 100
72 25.6 19.4 29.2



#26
2,2-Dichloropropane
Concen: 48.027 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 77 Resp: 66902
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 56.123 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX039917.D

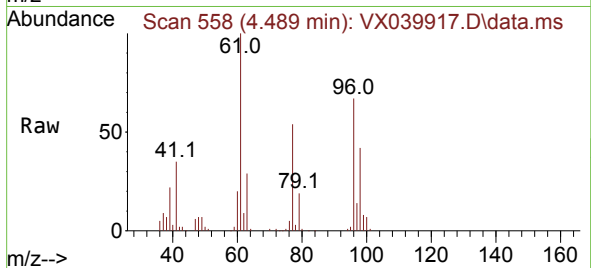
Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS



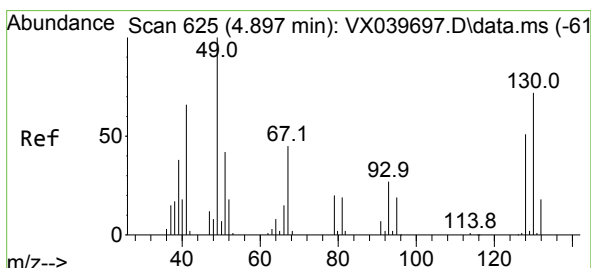
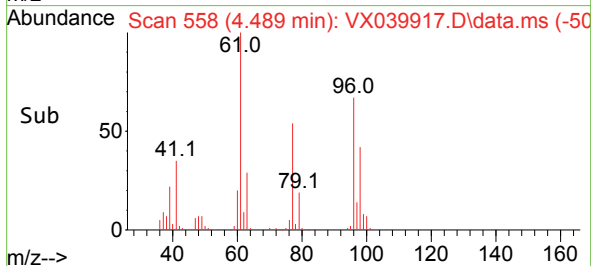
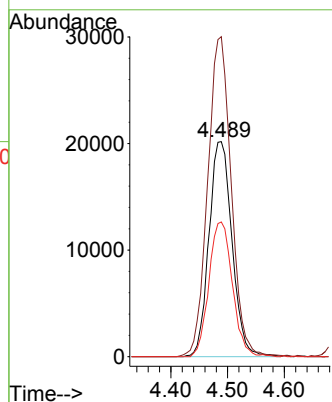
Tgt Ion: 96 Resp: 56900

Ion Ratio Lower Upper

96 100

61 151.9 0.0 312.2

98 63.8 0.0 129.0



#28

Bromochloromethane

Concen: 51.562 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

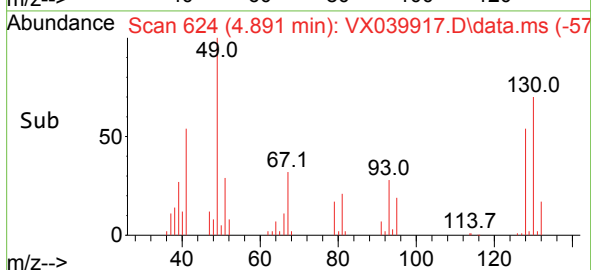
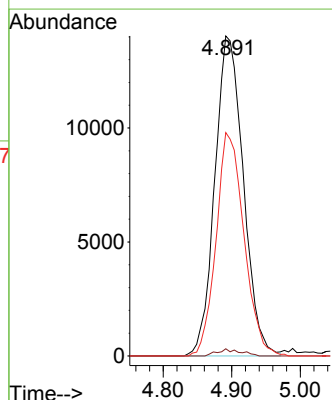
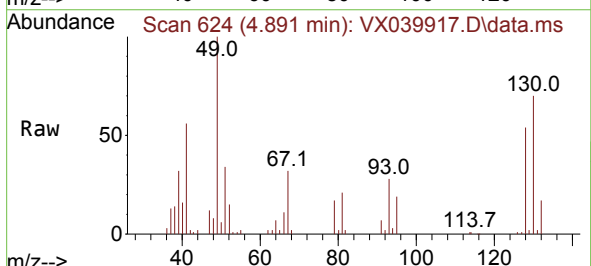
Tgt Ion: 49 Resp: 40567

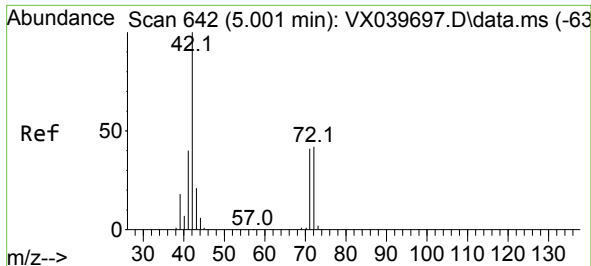
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 68.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 261.159 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS

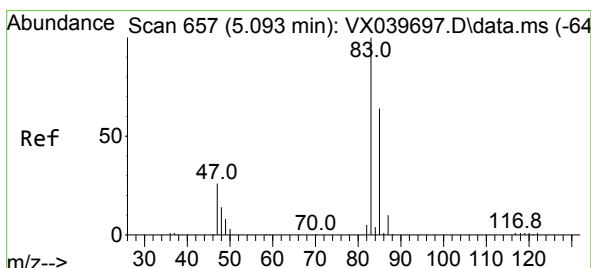
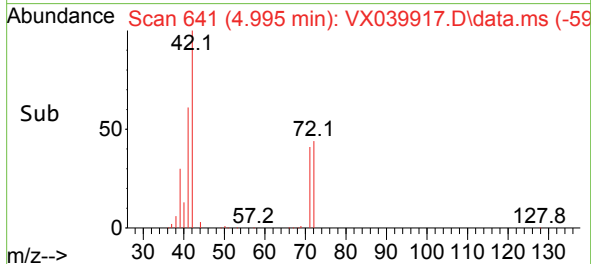
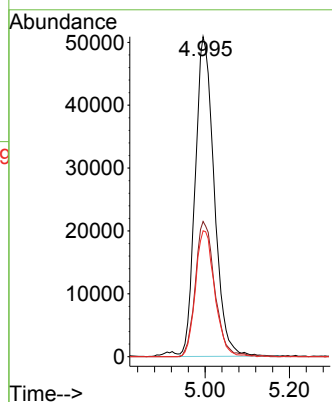
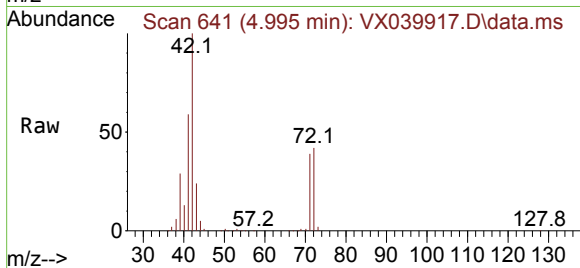
Tgt Ion: 42 Resp: 158823

Ion Ratio Lower Upper

42 100

72 43.5 34.2 51.4

71 40.1 32.2 48.2



#30

Chloroform

Concen: 57.436 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039917.D

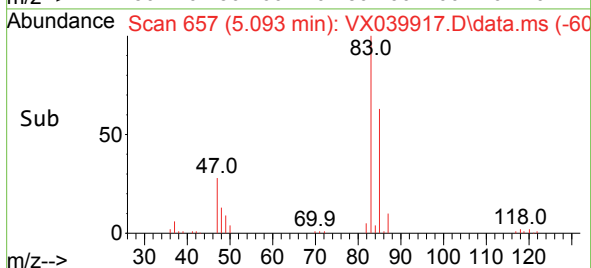
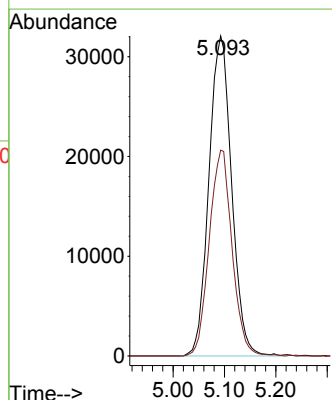
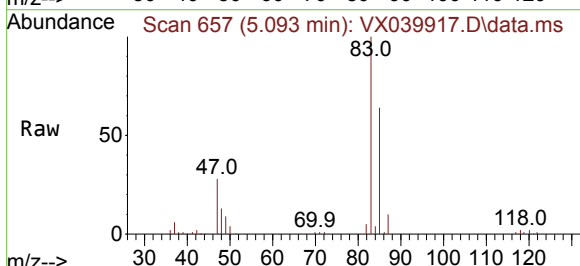
Acq: 23 Jan 2024 18:12

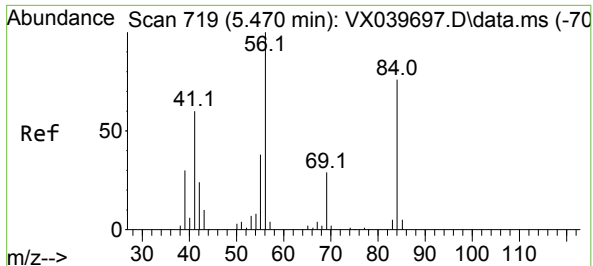
Tgt Ion: 83 Resp: 98412

Ion Ratio Lower Upper

83 100

85 64.3 50.3 75.5

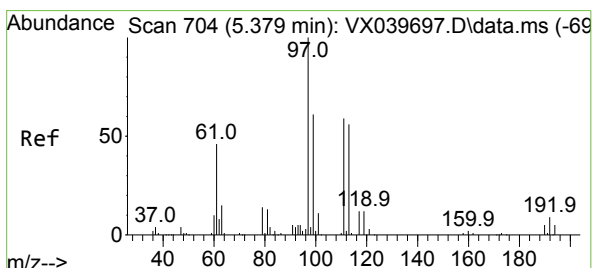
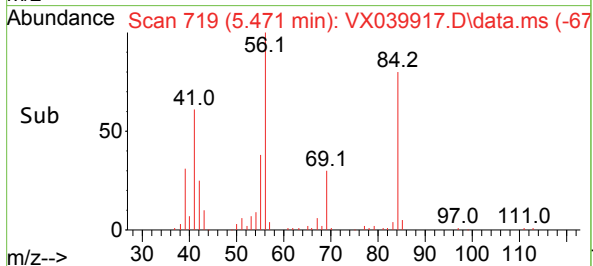
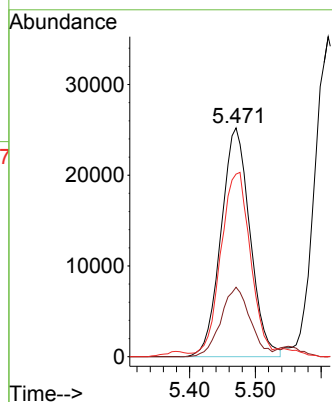
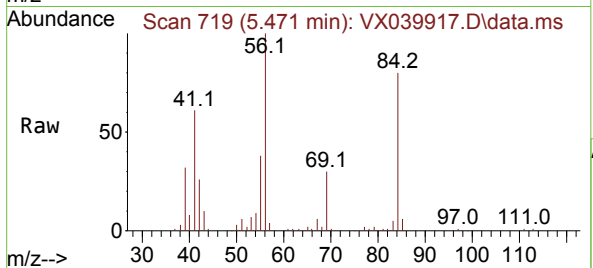




#31
Cyclohexane
Concen: 50.177 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

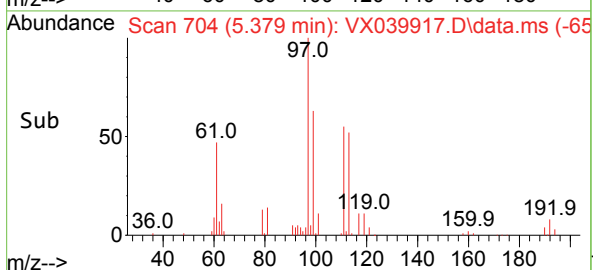
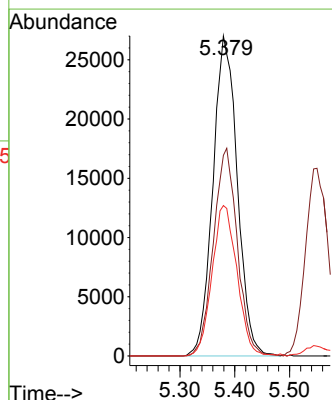
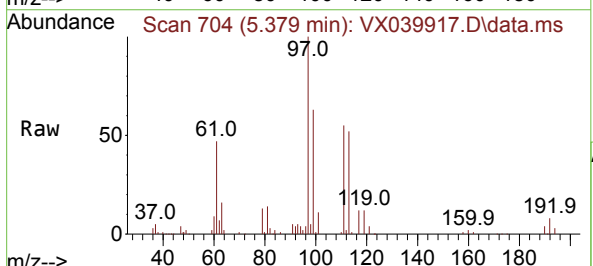
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

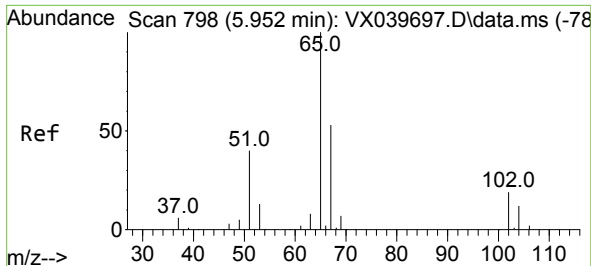
Tgt Ion: 56	Resp: 77419
Ion Ratio	Lower Upper
56 100	
69 30.3	23.4 35.2
84 77.6	65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 56.902 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 97	Resp: 83468
Ion Ratio	Lower Upper
97 100	
99 63.8	51.1 76.7
61 48.0	36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.723 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

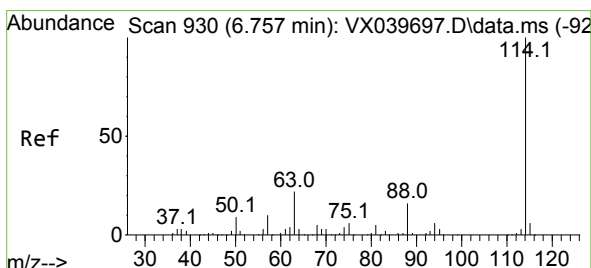
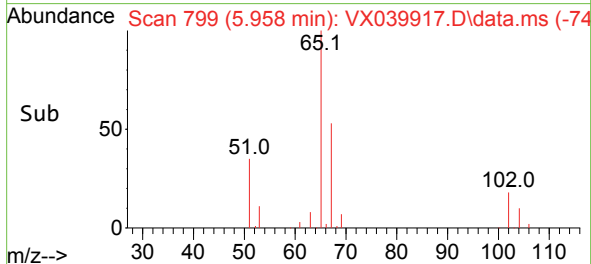
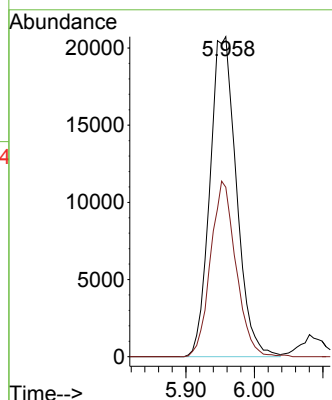
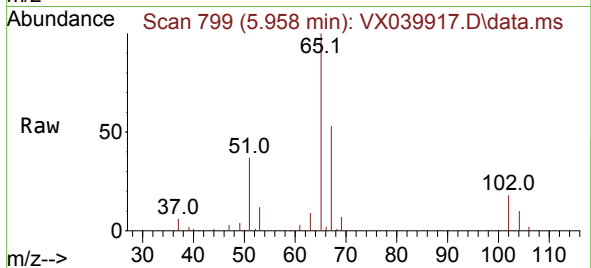
BP-VPB-191-GW-378-380MS

Tgt Ion: 65 Resp: 55792

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

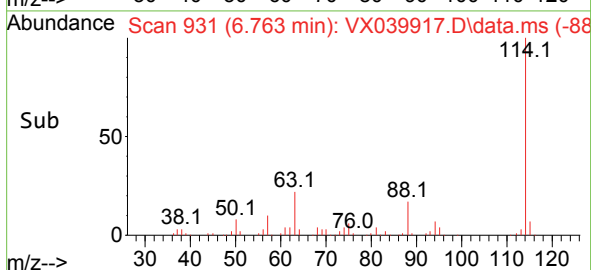
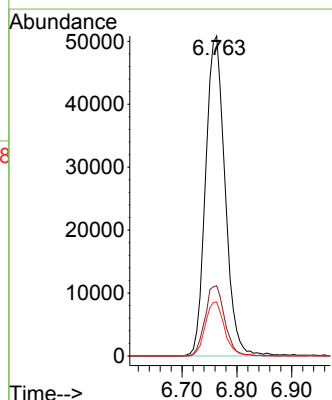
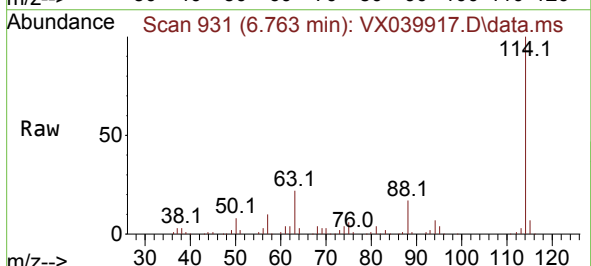
Tgt Ion: 114 Resp: 124845

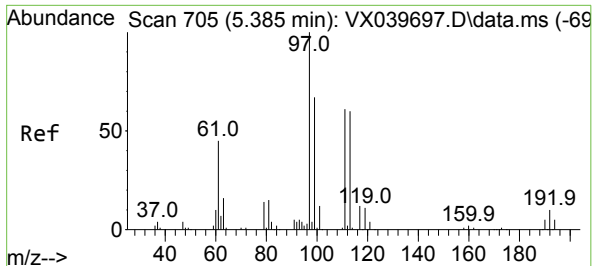
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.0

88 16.9 0.0 36.6

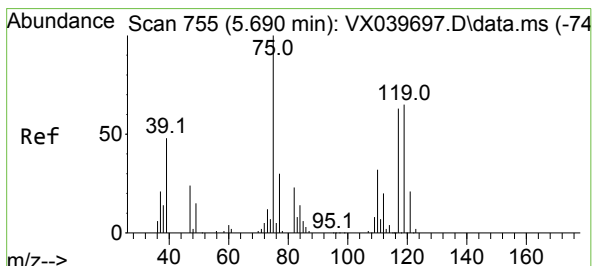
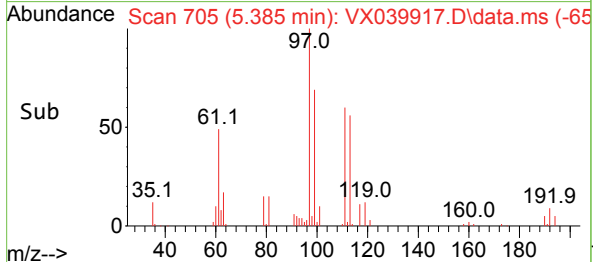
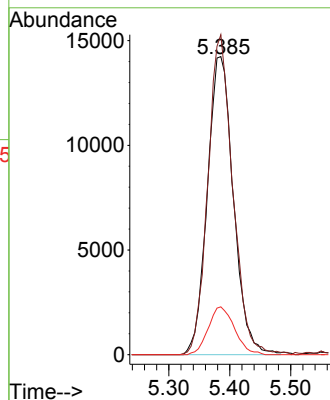
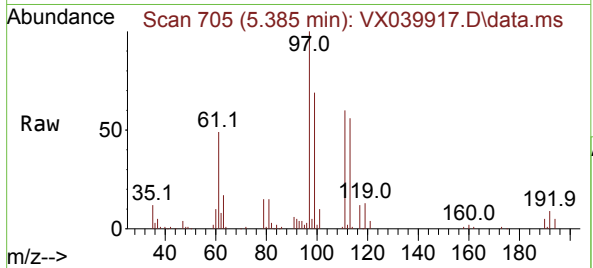




#35
Dibromofluoromethane
Concen: 50.367 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

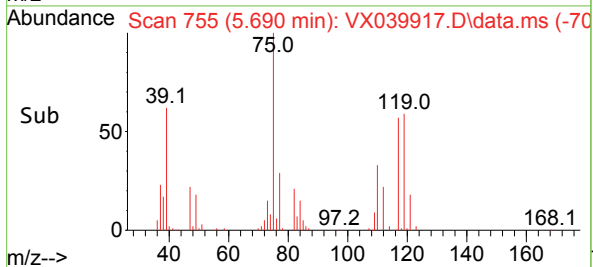
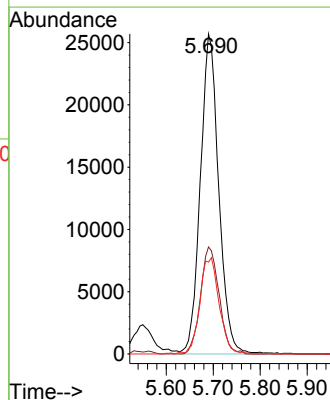
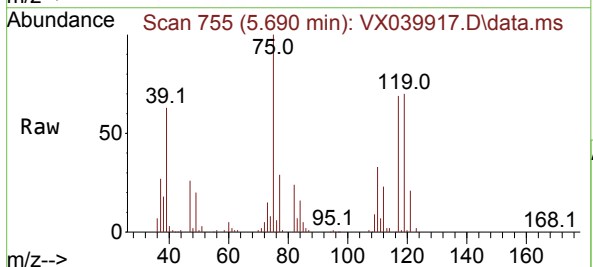
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

Tgt Ion:113 Resp: 42353
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 16.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 53.362 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 75 Resp: 69844
Ion Ratio Lower Upper
75 100
110 33.8 17.0 50.9
77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 50.844 ug/l

RT: 4.708 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX039917.D

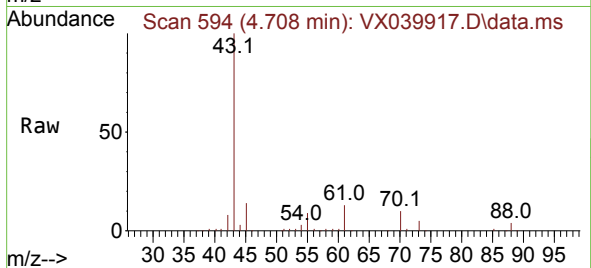
Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS



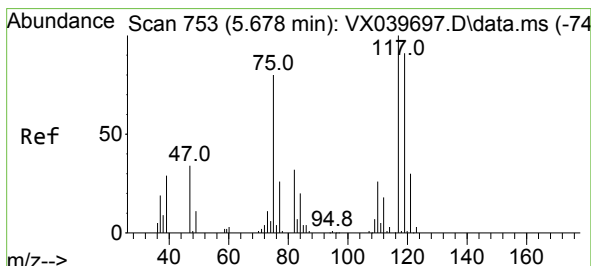
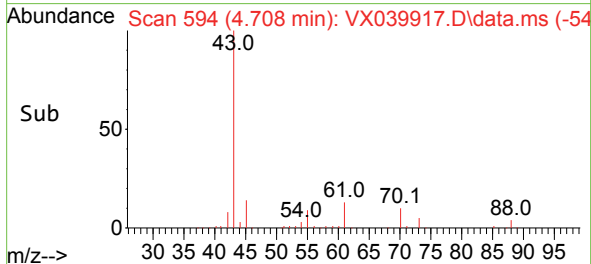
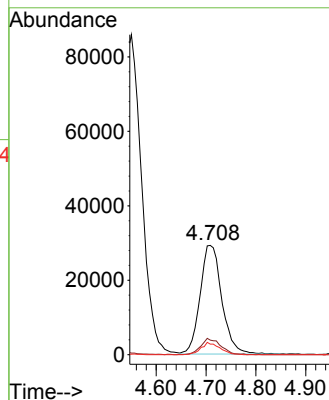
Tgt Ion: 43 Resp: 88781

Ion Ratio Lower Upper

43 100

61 13.7 10.6 16.0

70 9.5 8.3 12.5



#38

Carbon Tetrachloride

Concen: 57.126 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

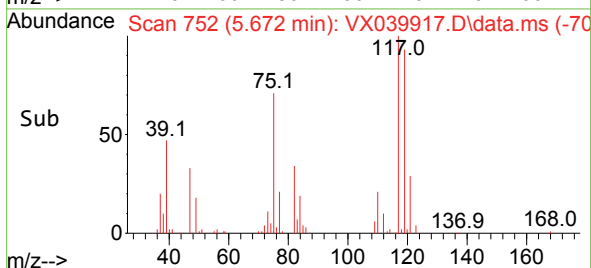
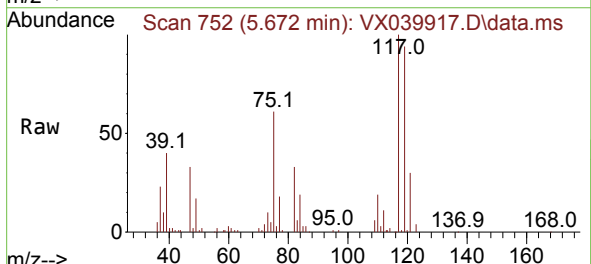
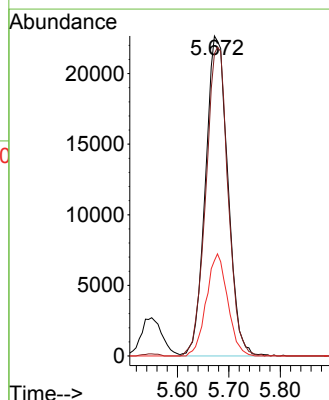
Tgt Ion: 117 Resp: 68482

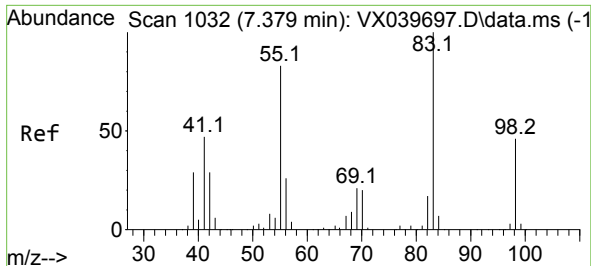
Ion Ratio Lower Upper

117 100

119 94.5 78.2 117.2

121 29.8 24.4 36.6





#39

Methylcyclohexane

Concen: 51.582 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS

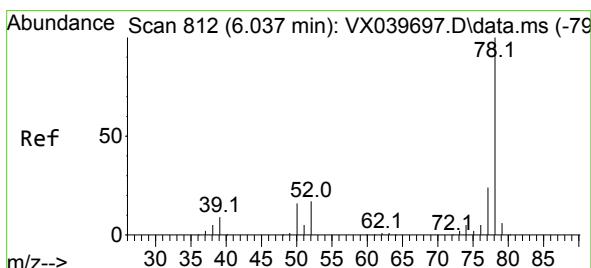
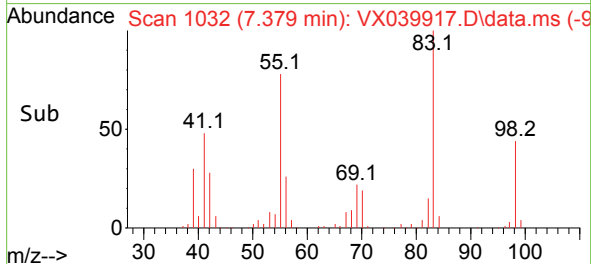
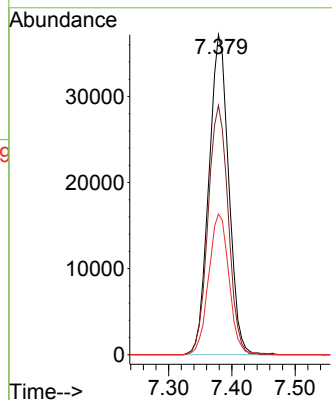
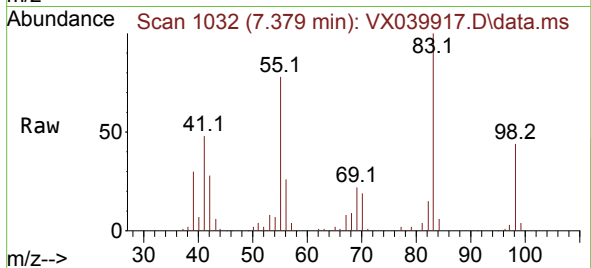
Tgt Ion: 83 Resp: 81073

Ion Ratio Lower Upper

83 100

55 77.9 64.6 97.0

98 44.0 36.7 55.1



#40

Benzene

Concen: 55.158 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX039917.D

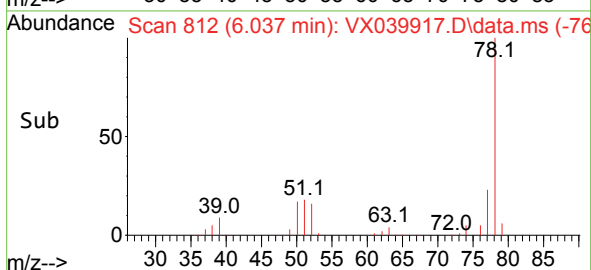
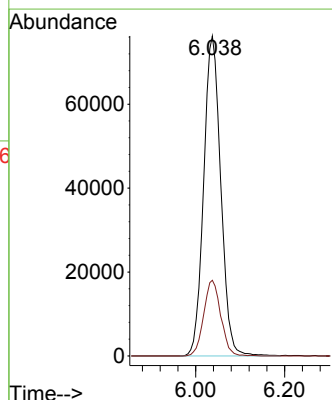
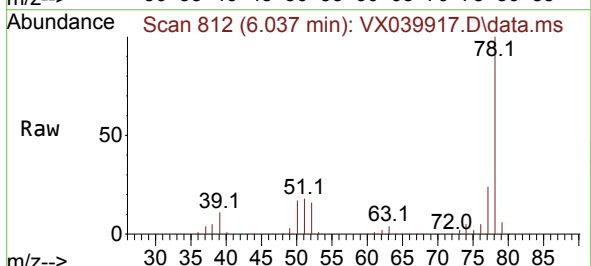
Acq: 23 Jan 2024 18:12

Tgt Ion: 78 Resp: 204431

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9

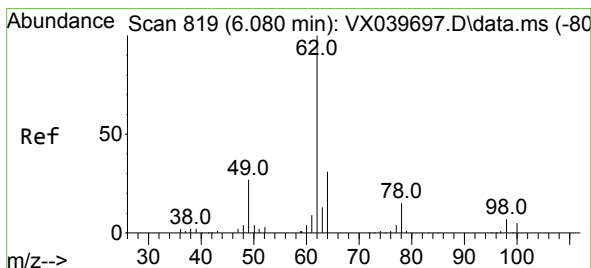
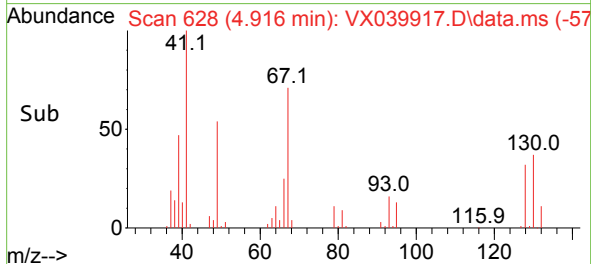
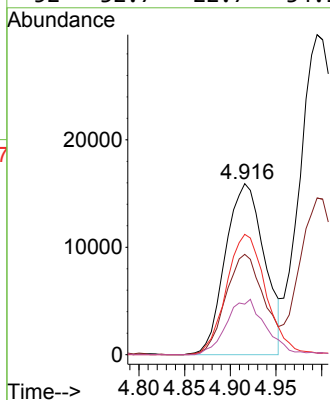
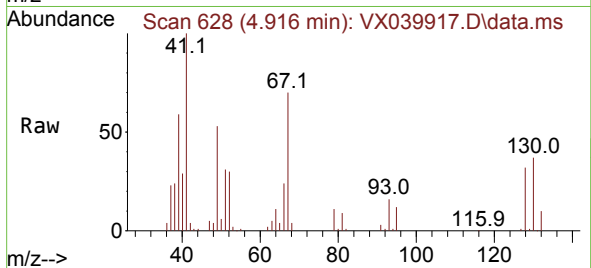




#41
Methacrylonitrile
Concen: 55.591 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

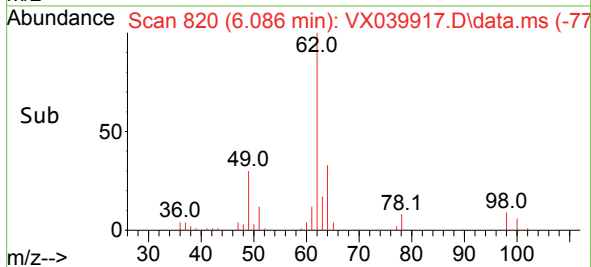
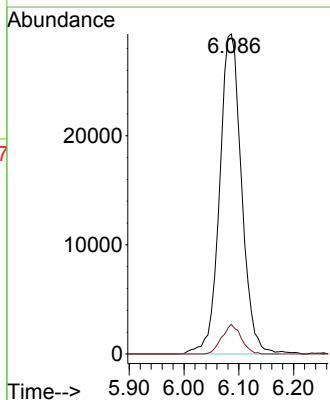
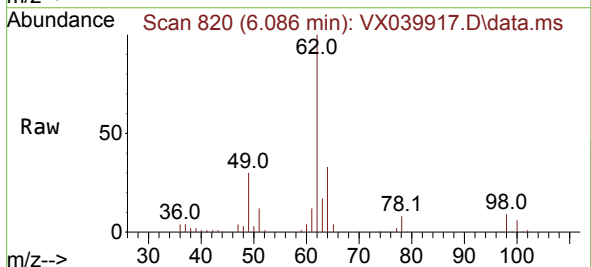
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

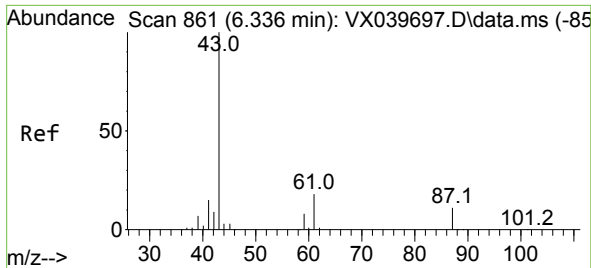
Tgt Ion:	41	Resp:	47468
Ion	Ratio	Lower	Upper
41	100		
39	57.0	45.2	67.8
67	71.3	52.6	78.8
52	32.7	22.7	34.1



#42
1,2-Dichloroethane
Concen: 57.832 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion:	62	Resp:	81489
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.0

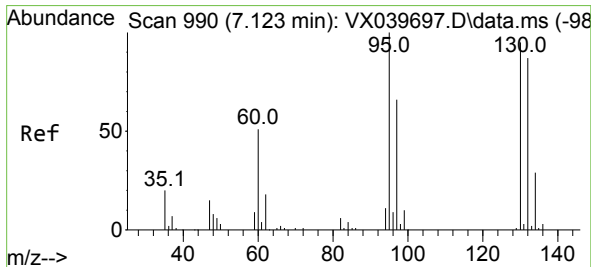
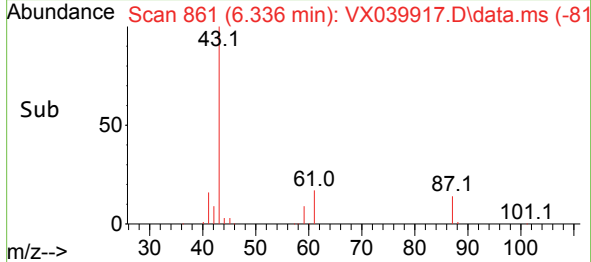
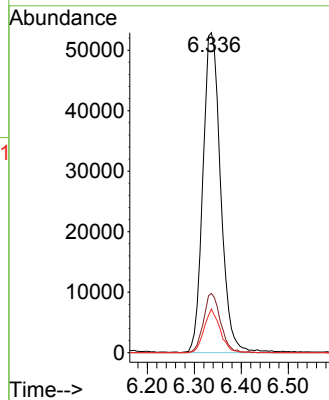
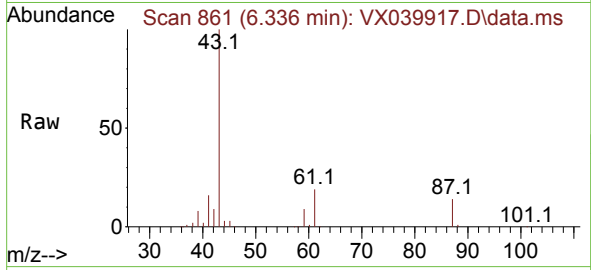




#43
Isopropyl Acetate
Concen: 54.152 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

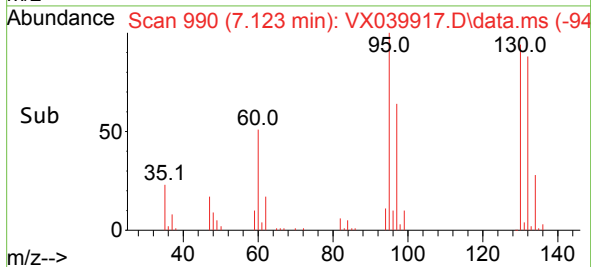
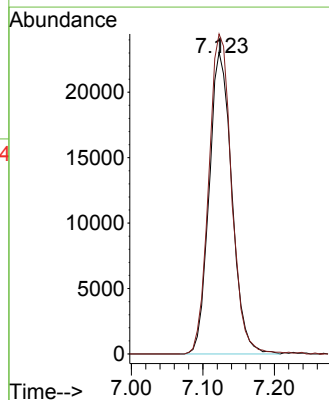
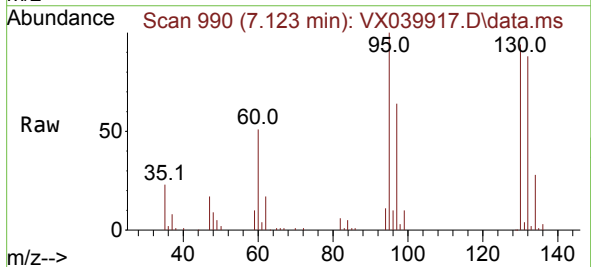
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

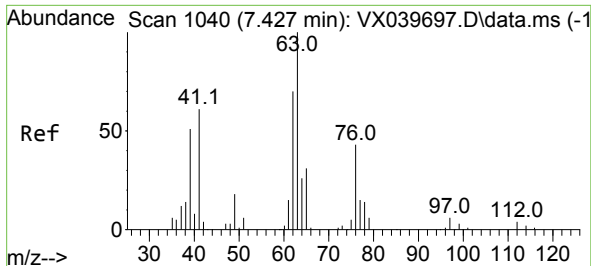
Tgt Ion: 43 Resp: 138711
Ion Ratio Lower Upper
43 100
61 17.8 15.2 22.8
87 12.3 9.8 14.6



#44
Trichloroethene
Concen: 55.989 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion:130 Resp: 50856
Ion Ratio Lower Upper
130 100
95 106.0 0.0 204.4

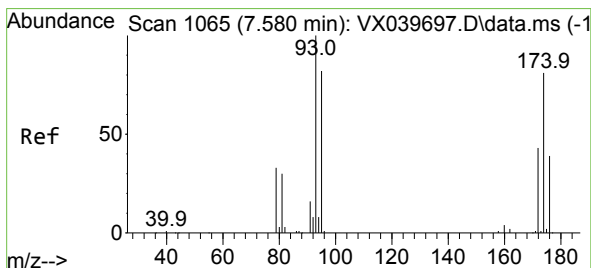
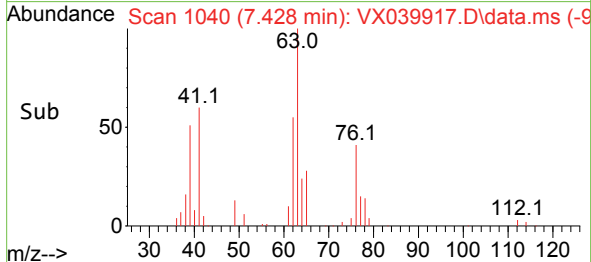
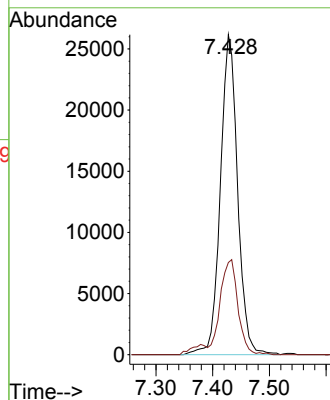
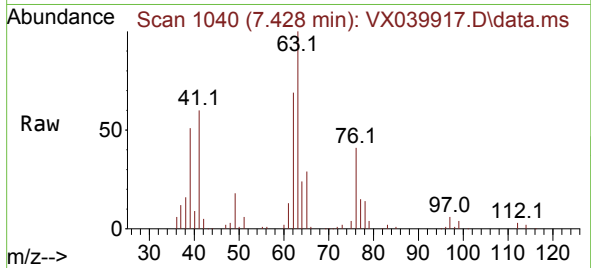




#45
1,2-Dichloropropane
Concen: 55.427 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

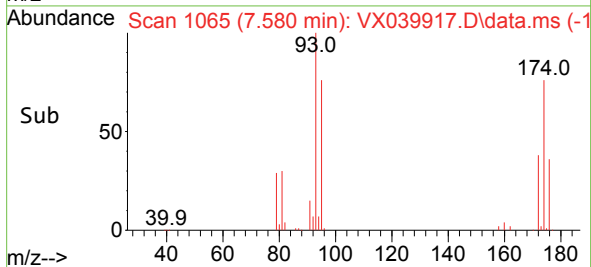
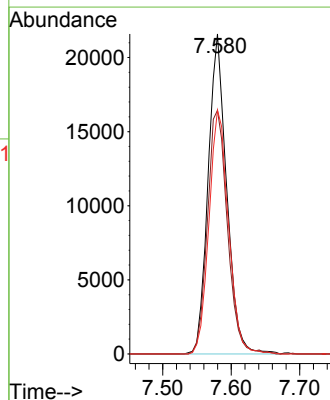
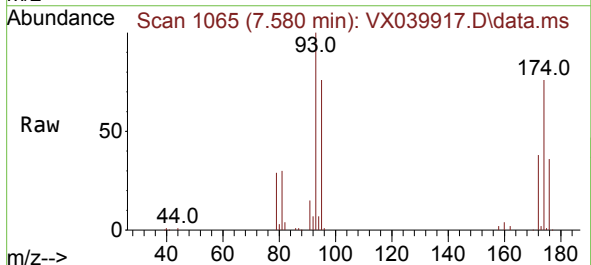
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

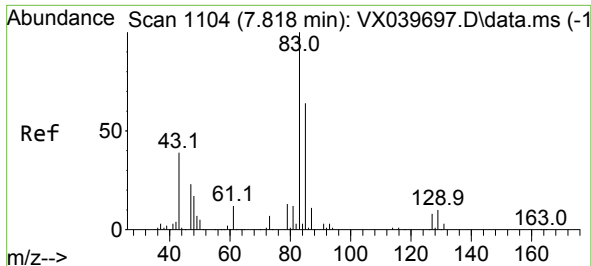
Tgt Ion: 63 Resp: 55107
Ion Ratio Lower Upper
63 100
65 28.8 24.3 36.5



#46
Dibromomethane
Concen: 59.032 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 93 Resp: 40538
Ion Ratio Lower Upper
93 100
95 82.2 66.6 100.0
174 80.3 69.4 104.0

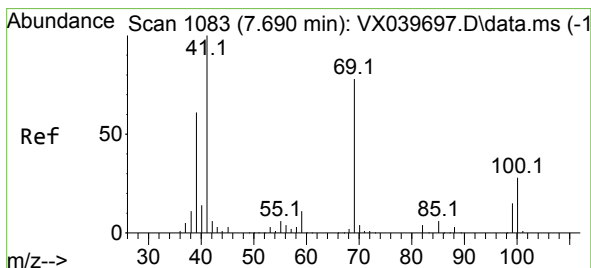
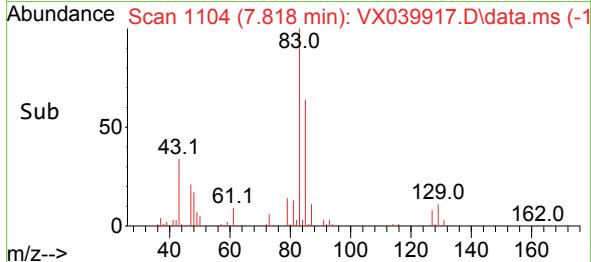
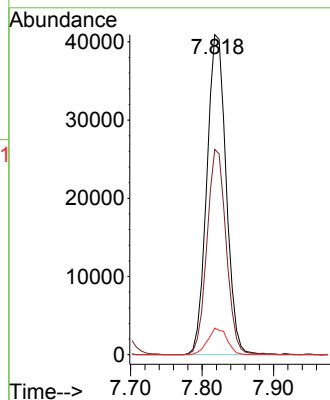
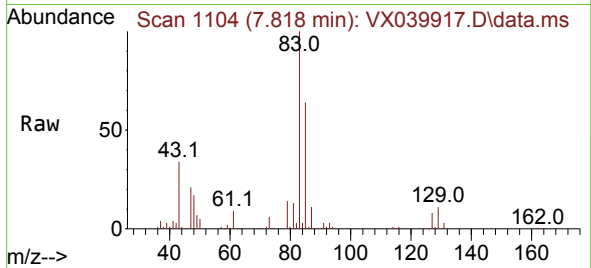




#47
Bromodichloromethane
Concen: 60.338 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

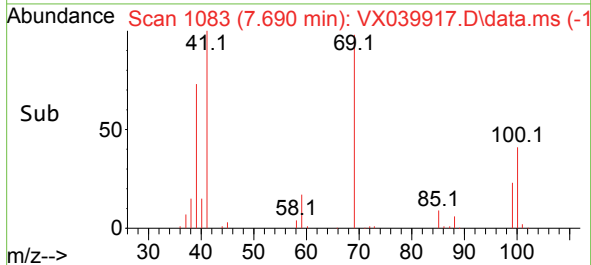
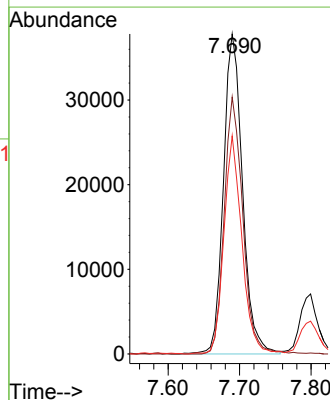
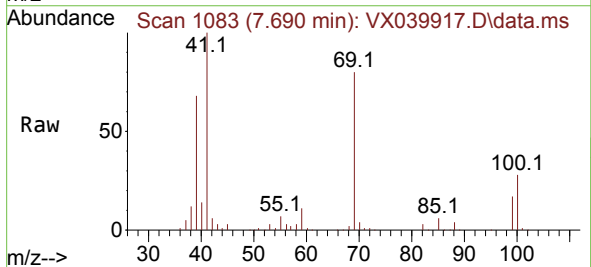
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

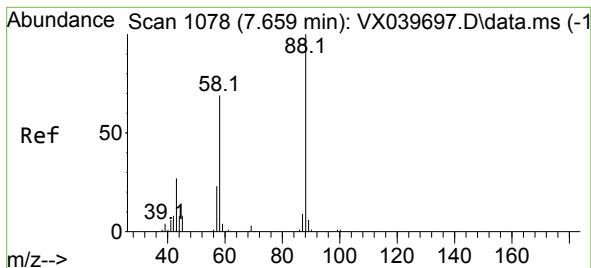
Tgt Ion: 83 Resp: 76740
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 55.613 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 41 Resp: 70020
Ion Ratio Lower Upper
41 100
69 78.4 59.2 88.8
39 64.6 47.7 71.5





#49

1,4-Dioxane

Concen: 1053.136 ug/l

RT: 7.653 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS

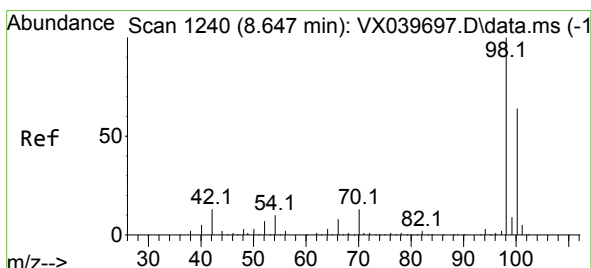
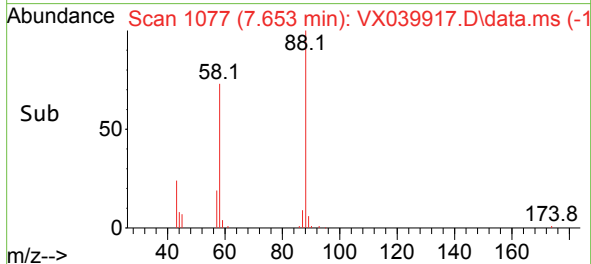
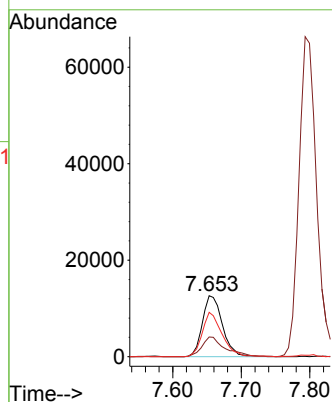
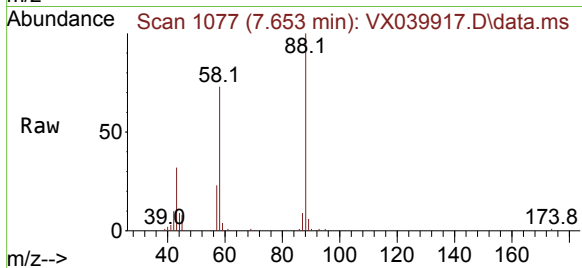
Tgt Ion: 88 Resp: 25657

Ion Ratio Lower Upper

88 100

43 37.3 0.0 0.0#

58 72.2 60.1 90.1



#50

Toluene-d8

Concen: 48.147 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039917.D

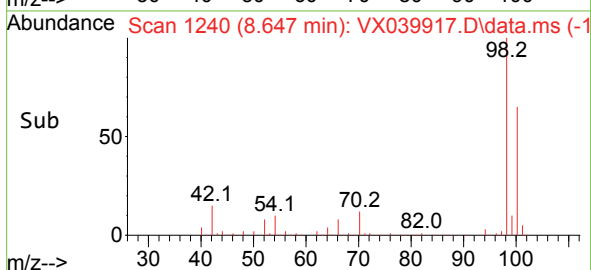
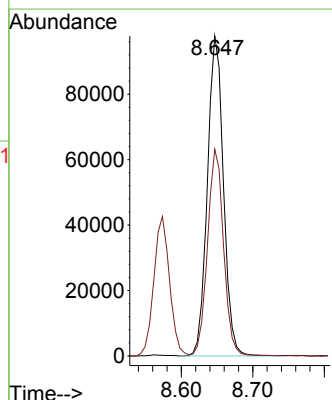
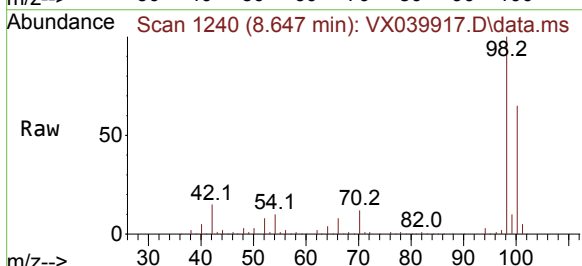
Acq: 23 Jan 2024 18:12

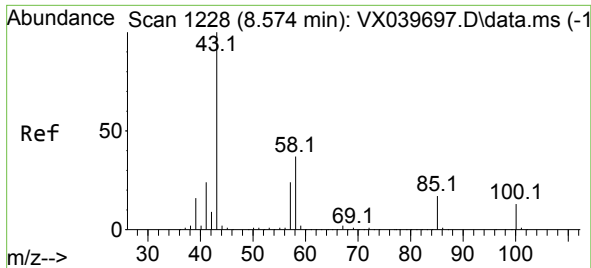
Tgt Ion: 98 Resp: 152697

Ion Ratio Lower Upper

98 100

100 64.4 53.1 79.7

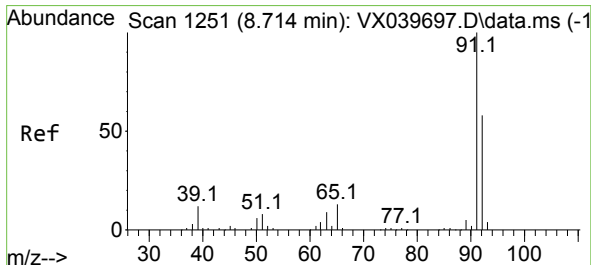
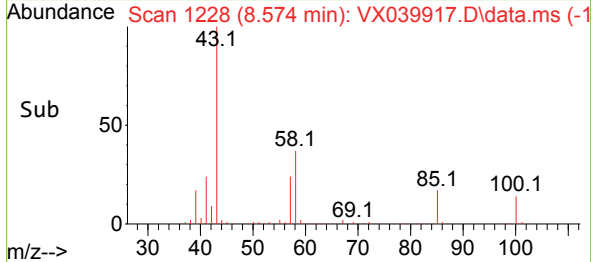
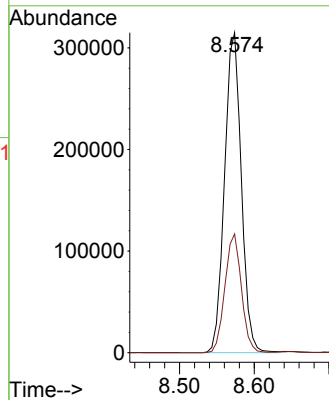
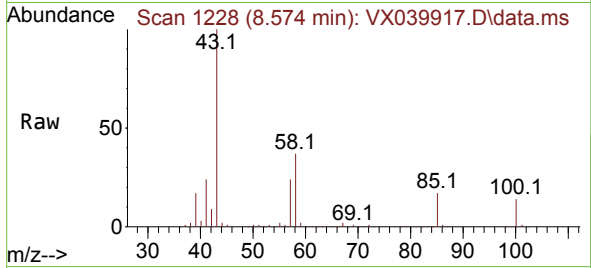




#51
4-Methyl-2-Pentanone
Concen: 278.236 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

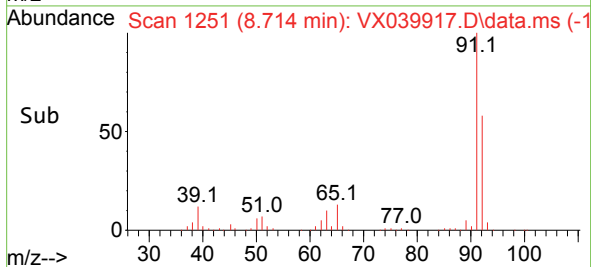
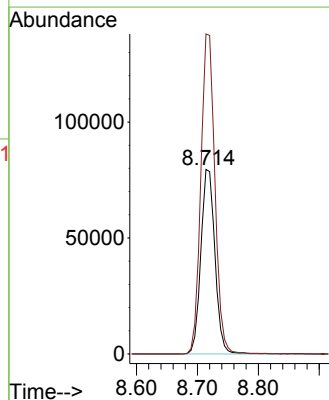
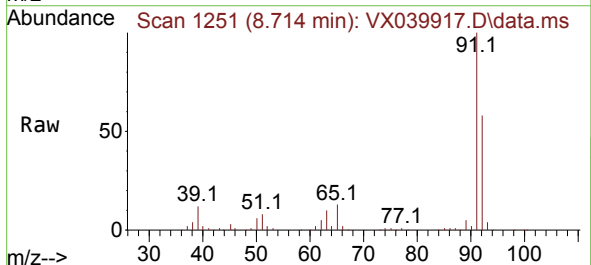
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

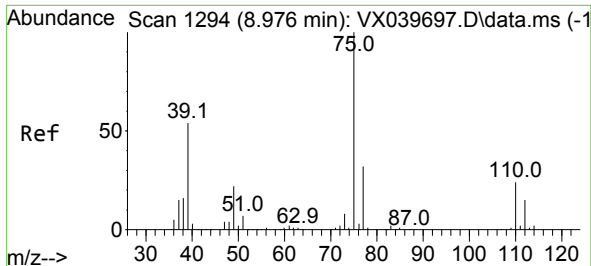
Tgt Ion: 43 Resp: 490846
Ion Ratio Lower Upper
43 100
58 36.6 30.4 45.6



#52
Toluene
Concen: 57.602 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 92 Resp: 127515
Ion Ratio Lower Upper
92 100
91 173.8 134.2 201.2

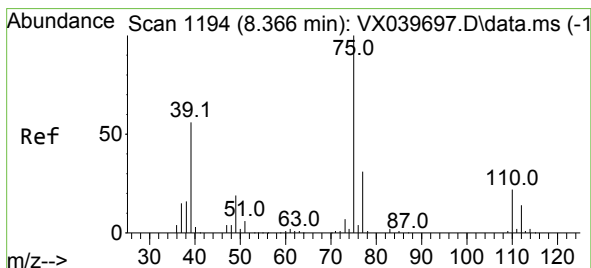
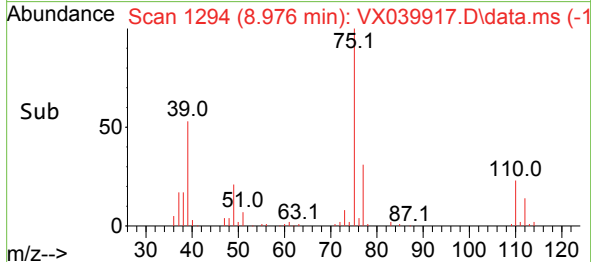
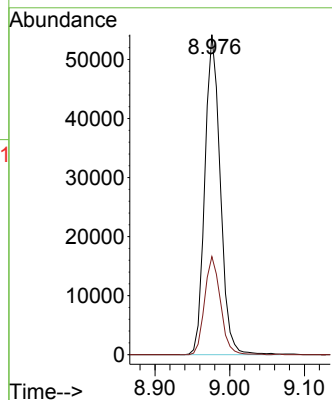
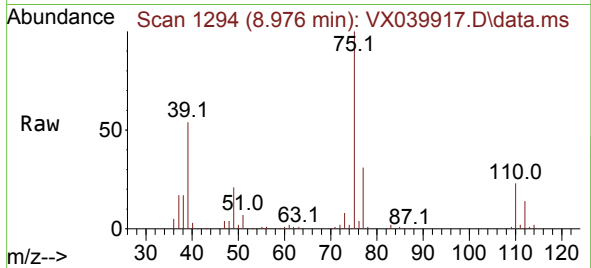




#53
 t-1,3-Dichloropropene
 Concen: 57.726 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX039917.D
 Acq: 23 Jan 2024 18:12

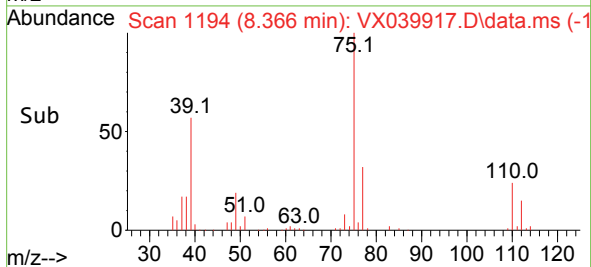
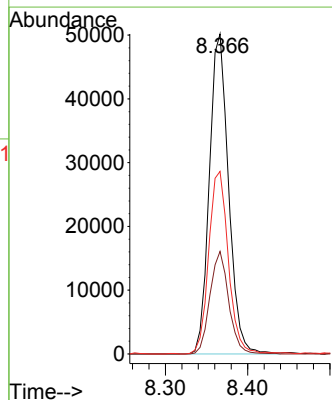
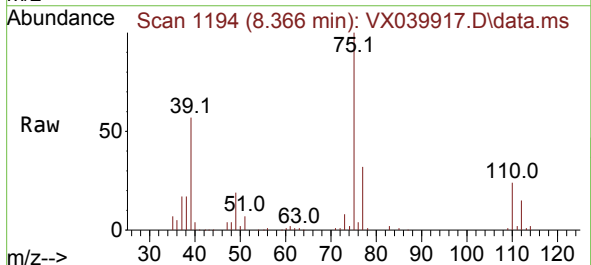
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-378-380MS

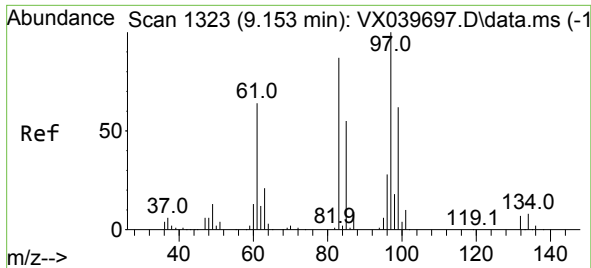
Tgt Ion: 75 Resp: 77905
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 54.815 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX039917.D
 Acq: 23 Jan 2024 18:12

Tgt Ion: 75 Resp: 81343
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9
 39 57.1 46.7 70.1

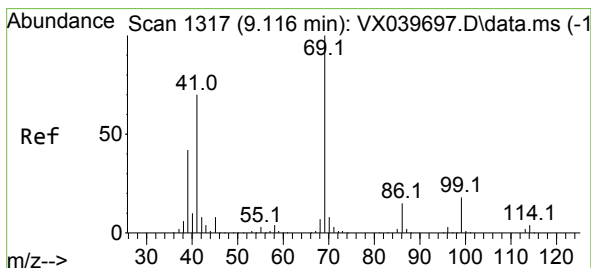
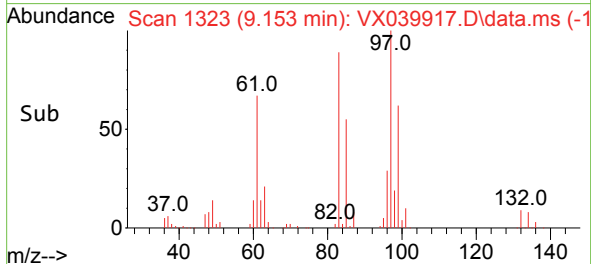
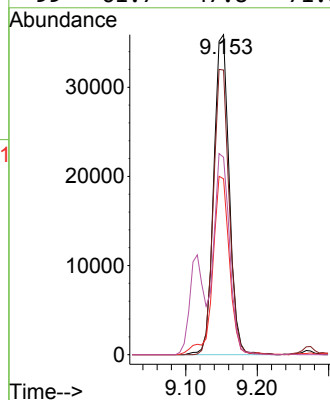
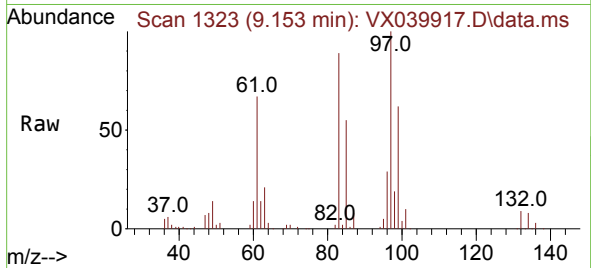




#55
1,1,2-Trichloroethane
Concen: 57.380 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

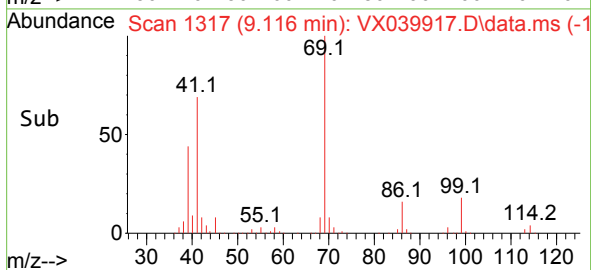
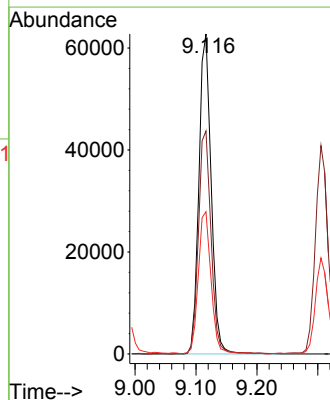
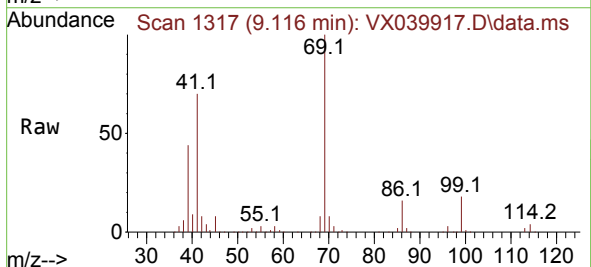
Instrument : MSVOA_X
ClientSampleId : BP-VPB-191-GW-378-380MS

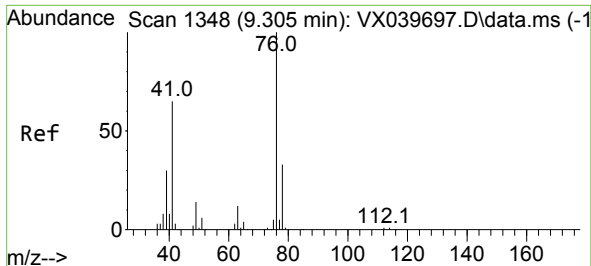
Tgt Ion: 97	Resp: 54081
Ion Ratio	Lower Upper
97 100	
83 88.9	65.8 98.8
85 54.8	41.6 62.4
99 61.7	47.8 71.8



#56
Ethyl methacrylate
Concen: 57.395 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 69	Resp: 87551
Ion Ratio	Lower Upper
69 100	
41 72.0	56.8 85.2
39 46.7	32.0 48.0





#57

1,3-Dichloropropane

Concen: 57.541 ug/l

RT: 9.305 min Scan# 11906

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

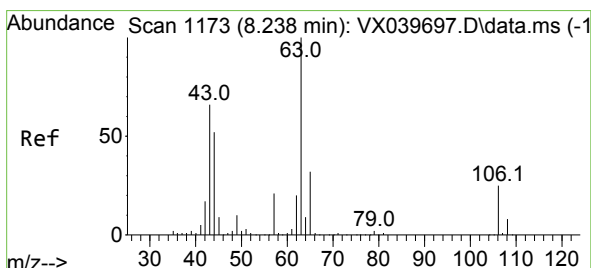
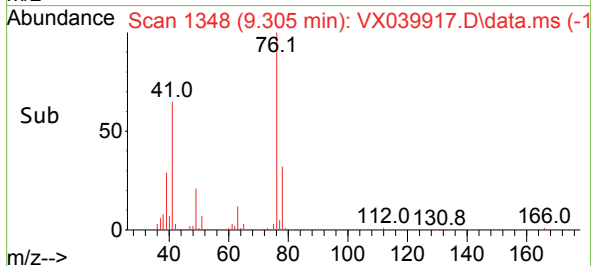
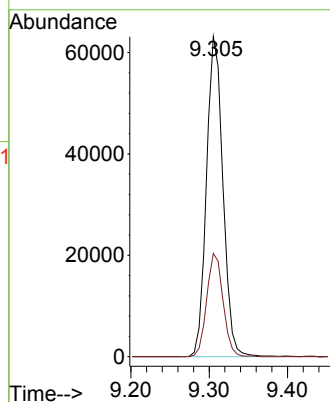
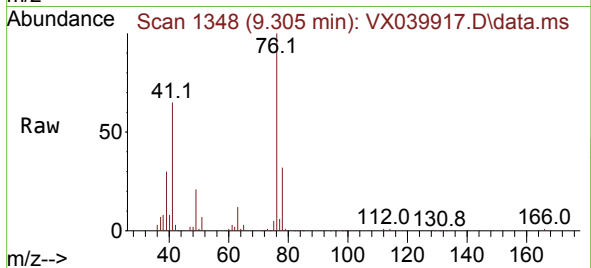
BP-VPB-191-GW-378-380MS

Tgt Ion: 76 Resp: 91906

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 0.786 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.122 min

Lab File: VX039917.D

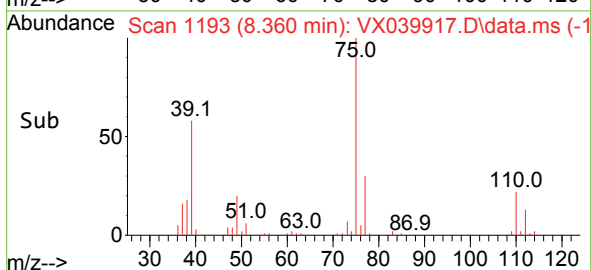
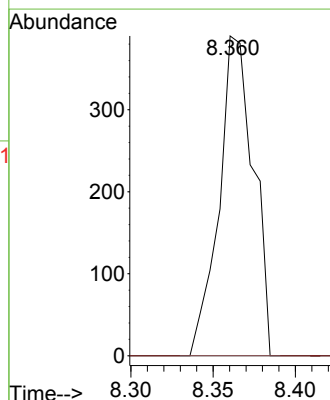
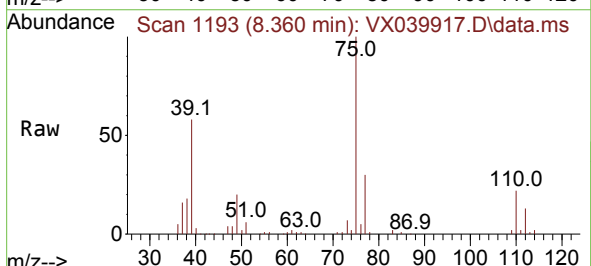
Acq: 23 Jan 2024 18:12

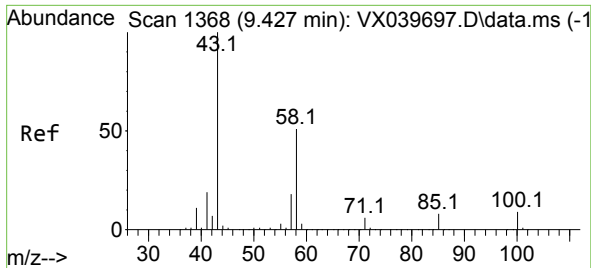
Tgt Ion: 63 Resp: 567

Ion Ratio Lower Upper

63 100

106 0.0 22.5 33.7#

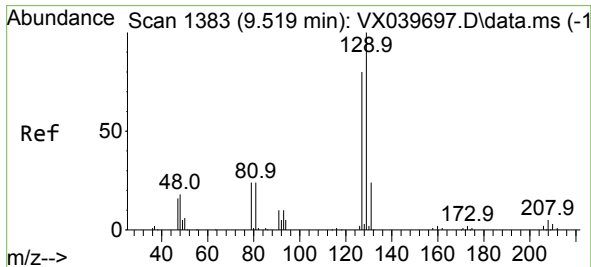
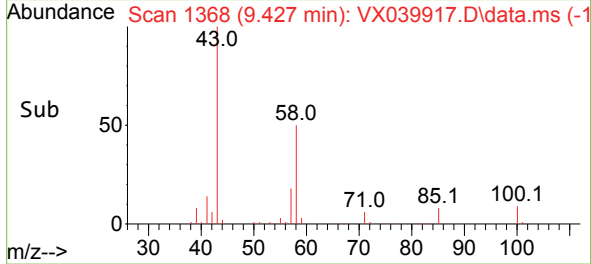
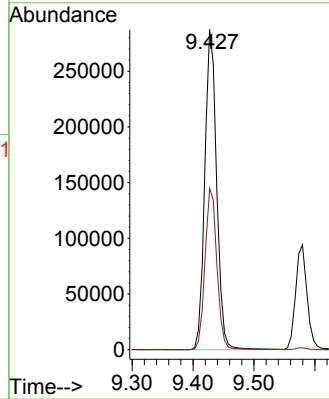
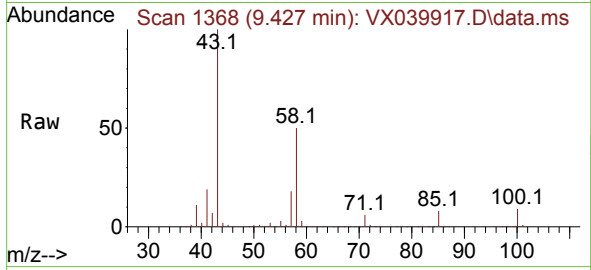




#59
2-Hexanone
Concen: 278.991 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

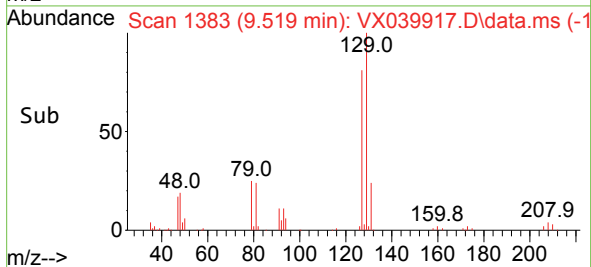
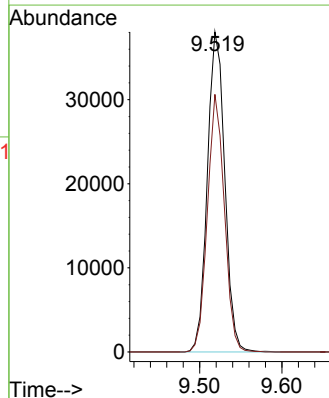
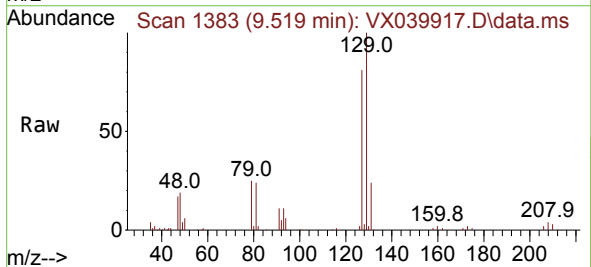
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

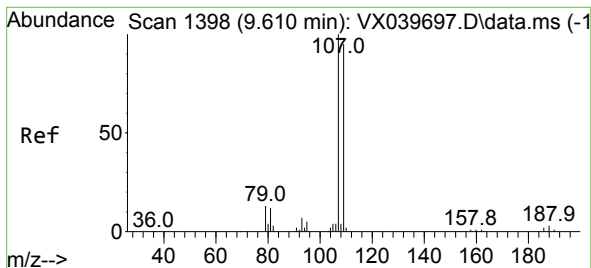
Tgt Ion: 43 Resp: 389532
Ion Ratio Lower Upper
43 100
58 50.5 26.2 78.5



#60
Dibromochloromethane
Concen: 63.136 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 129 Resp: 56117
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.4

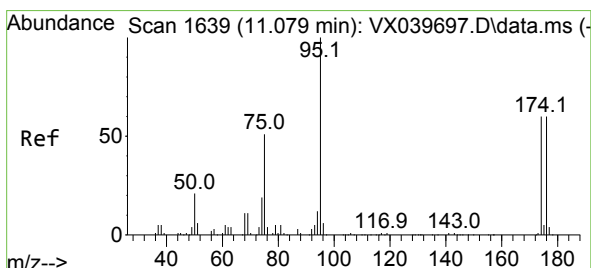
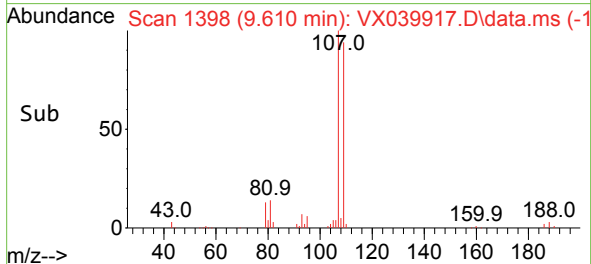
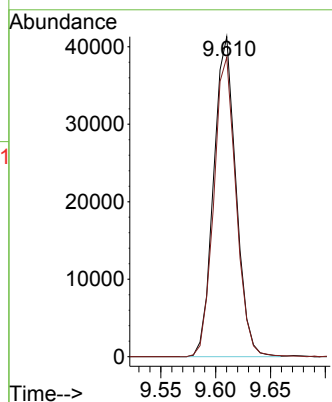
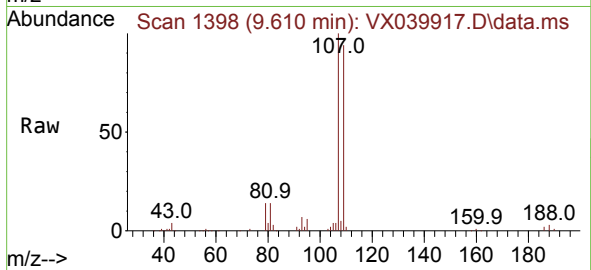




#61
1,2-Dibromoethane
Concen: 59.940 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

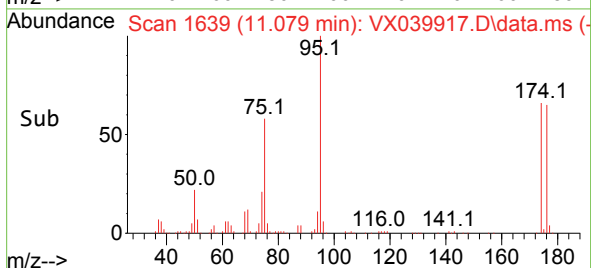
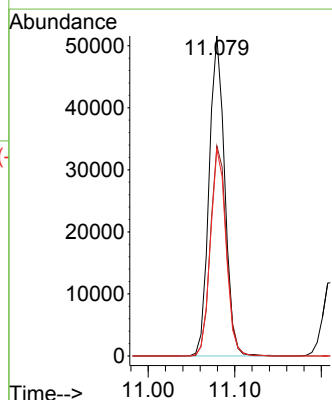
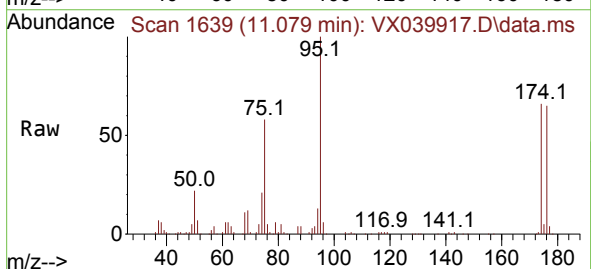
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

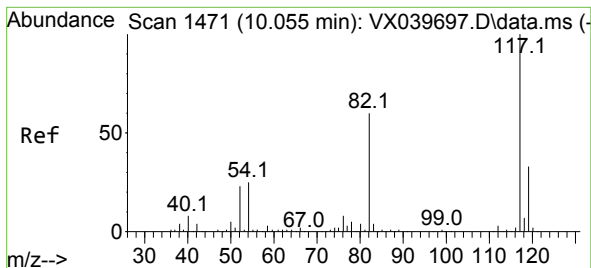
Tgt Ion:107 Resp: 58503
Ion Ratio Lower Upper
107 100
109 93.5 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 51.789 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 95 Resp: 64228
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.6
176 65.0 0.0 131.0

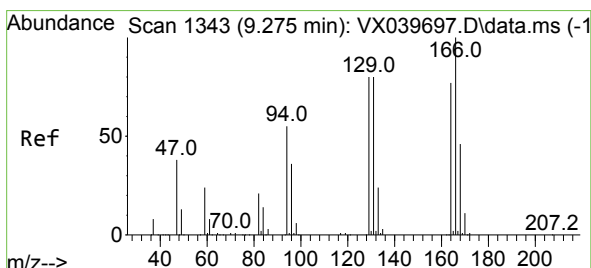
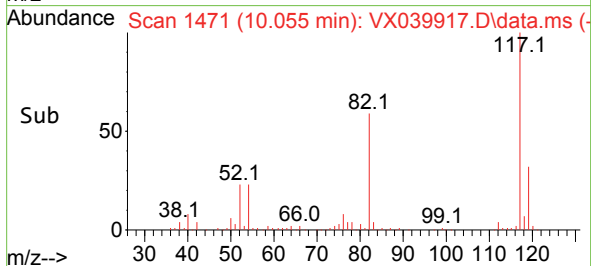
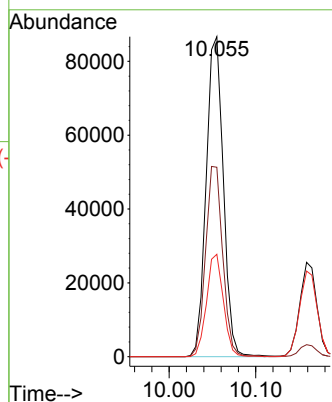
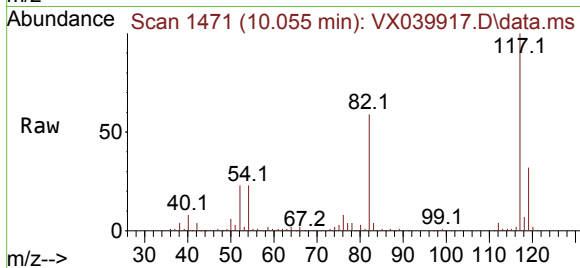




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

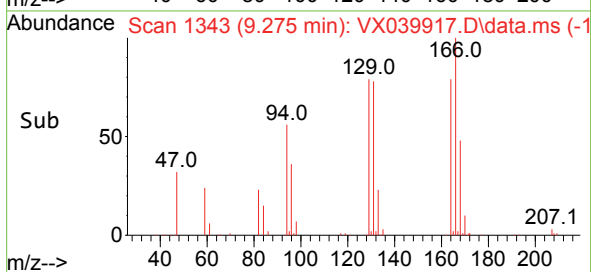
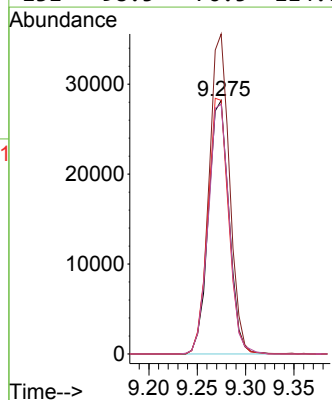
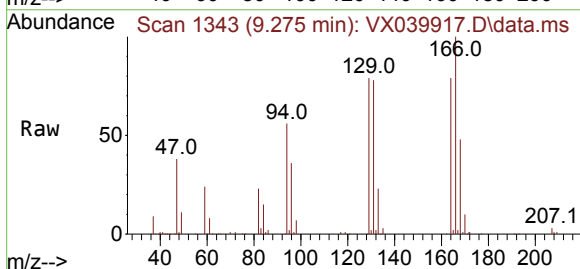
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

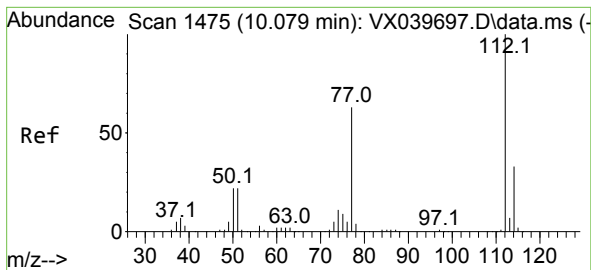
Tgt Ion:117 Resp: 119336
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 53.870 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion:164 Resp: 41805
Ion Ratio Lower Upper
164 100
166 126.2 102.7 154.1
129 100.0 80.4 120.6
131 98.5 76.5 114.7

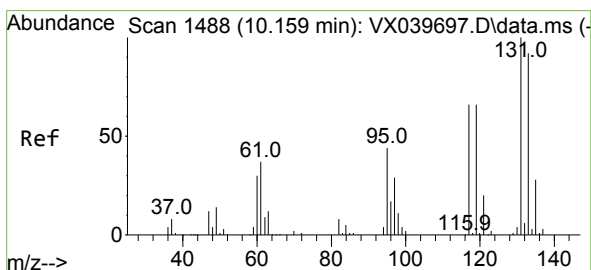
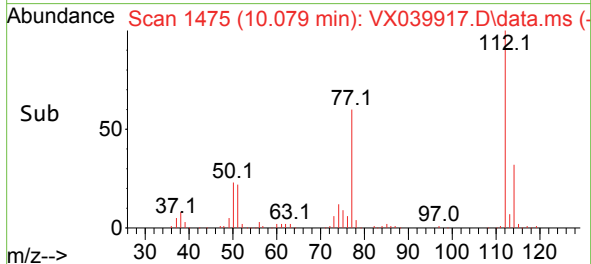
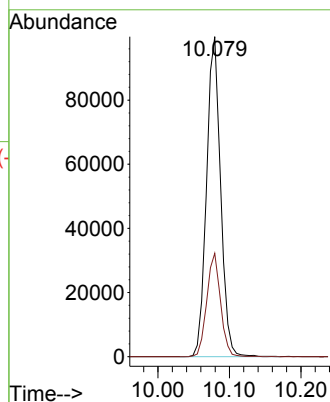
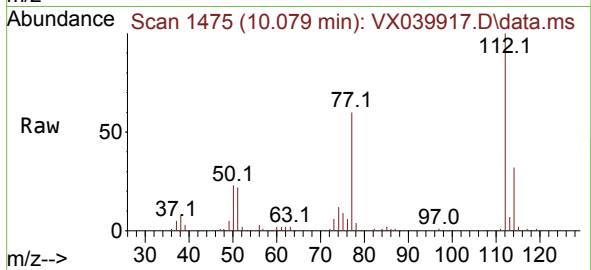




#65
Chlorobenzene
Concen: 54.792 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

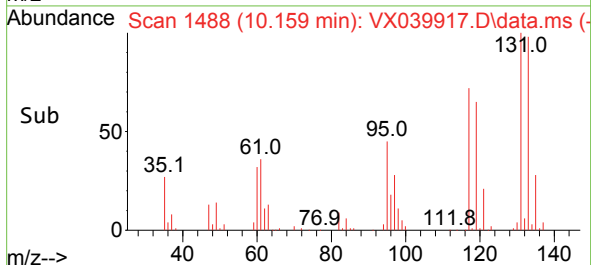
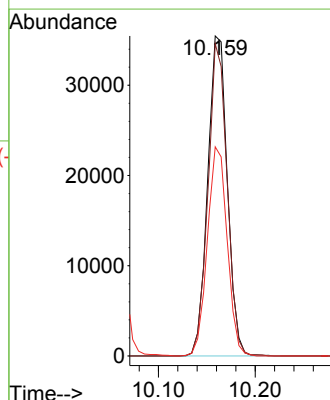
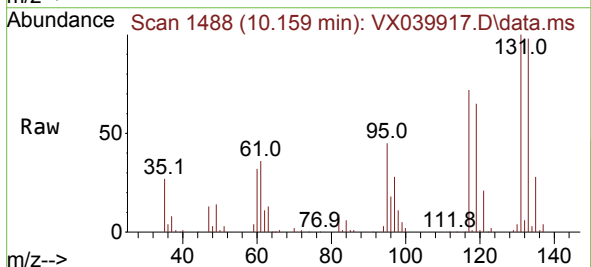
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

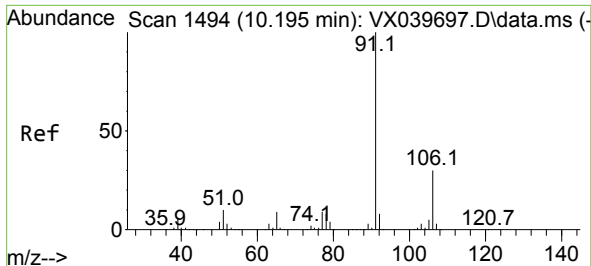
Tgt Ion:112 Resp: 136185
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 59.183 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion:131 Resp: 50088
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 65.9 32.2 96.6

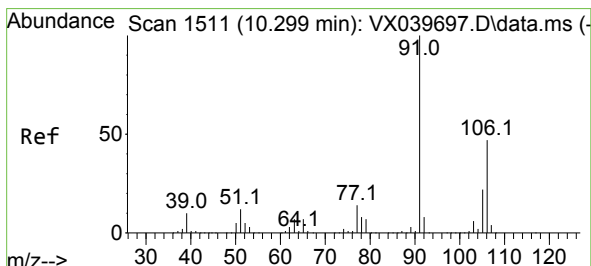
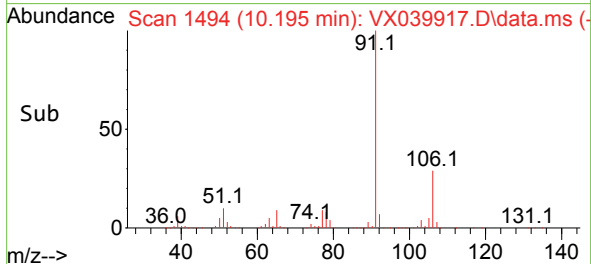
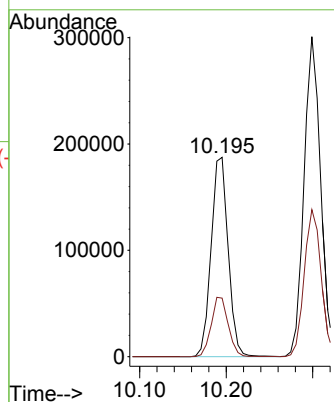
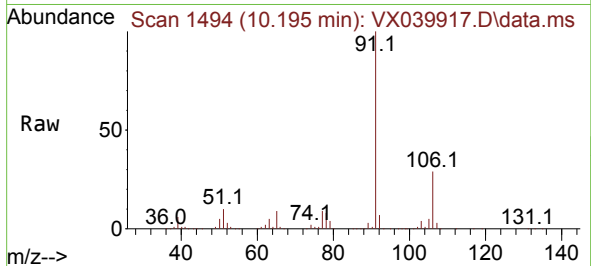




#67
Ethyl Benzene
Concen: 55.498 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

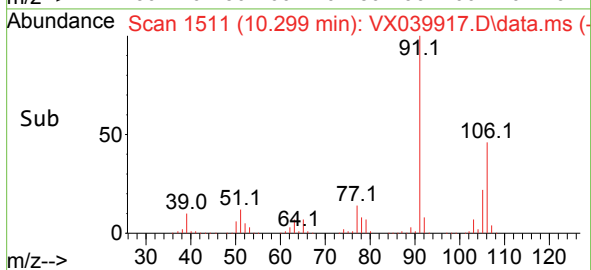
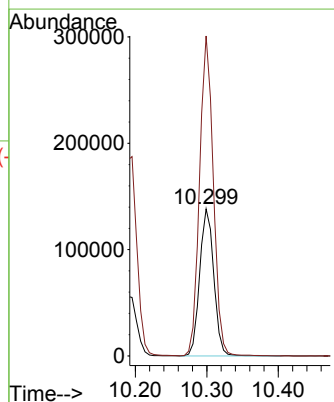
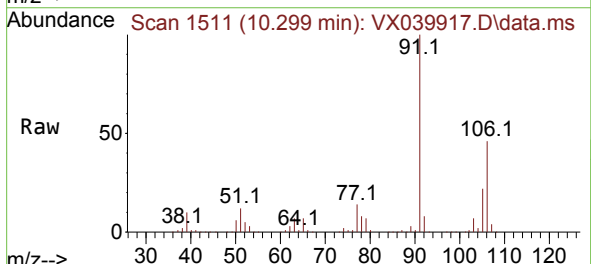
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

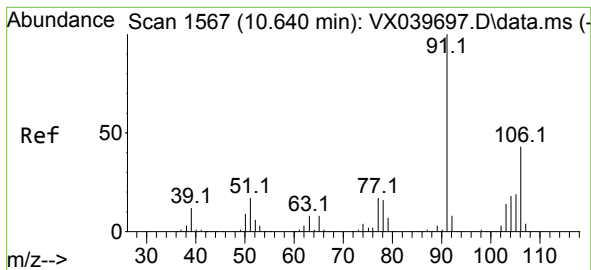
Tgt Ion: 91 Resp: 256092
Ion Ratio Lower Upper
91 100
106 29.4 24.9 37.3



#68
m/p-Xylenes
Concen: 111.346 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion:106 Resp: 188961
Ion Ratio Lower Upper
106 100
91 213.0 165.5 248.3





#69

o-Xylene

Concen: 55.082 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

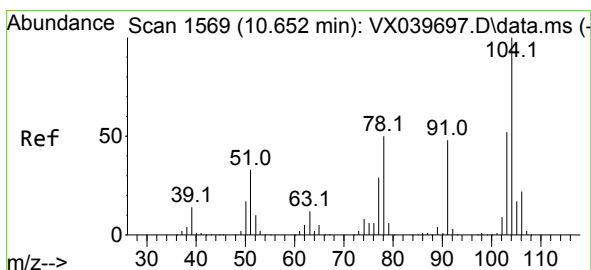
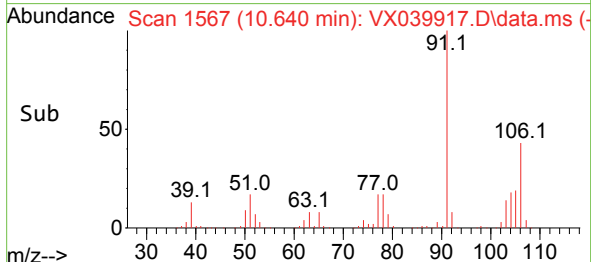
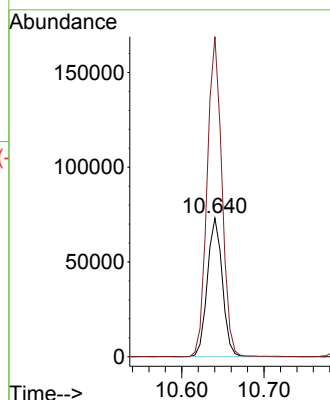
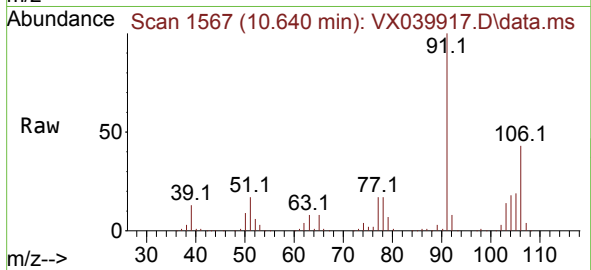
BP-VPB-191-GW-378-380MS

Tgt Ion:106 Resp: 92573

Ion Ratio Lower Upper

106 100

91 228.1 108.9 326.8



#70

Styrene

Concen: 54.845 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

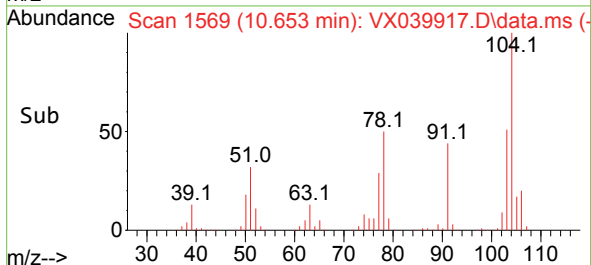
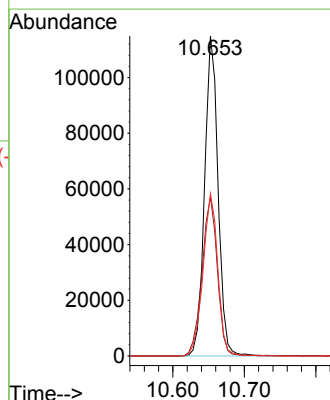
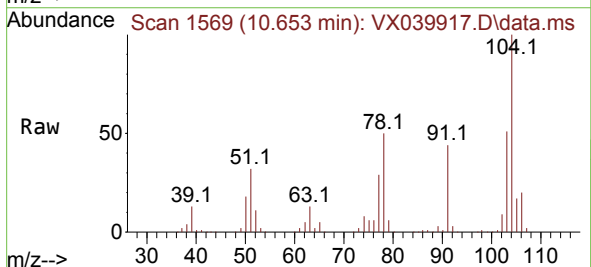
Tgt Ion:104 Resp: 150571

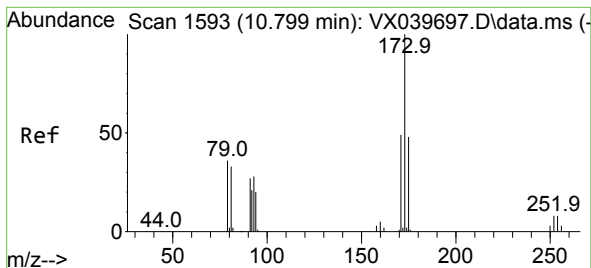
Ion Ratio Lower Upper

104 100

78 56.4 43.6 65.4

103 55.9 43.6 65.4





#71

Bromoform

Concen: 61.247 ug/l

RT: 10.799 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS

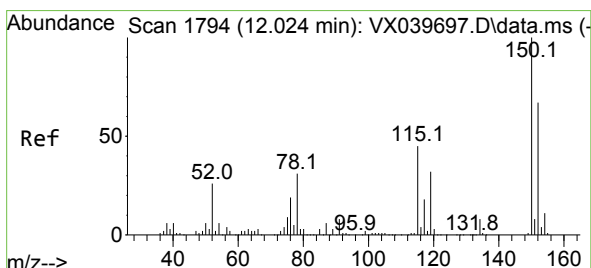
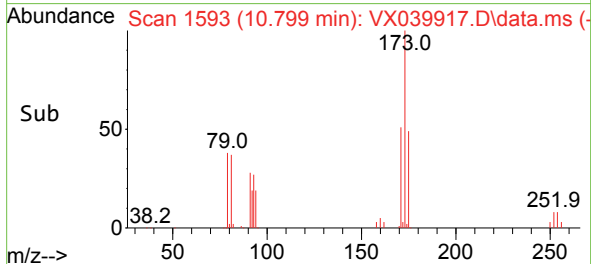
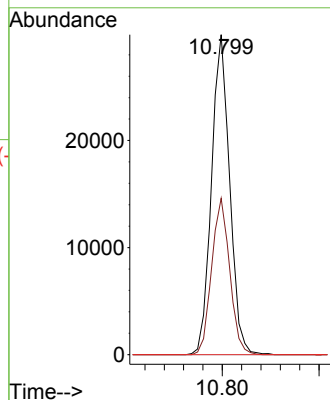
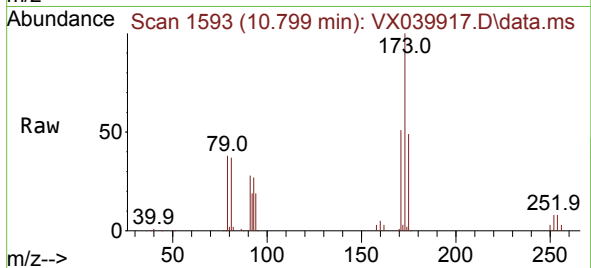
Tgt Ion:173 Resp: 38922

Ion Ratio Lower Upper

173 100

175 48.6 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# 1793

Delta R.T. -0.006 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

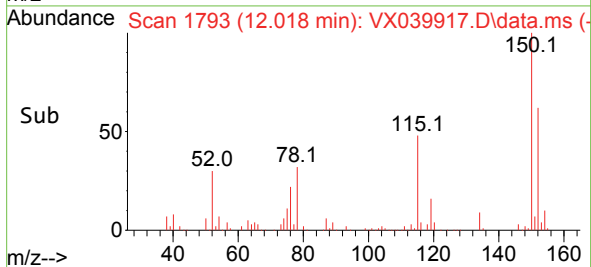
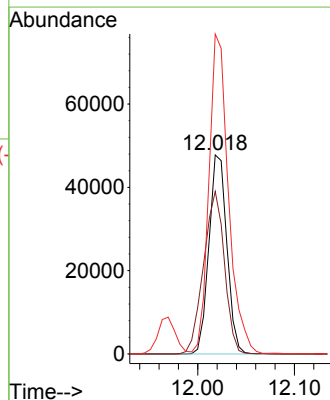
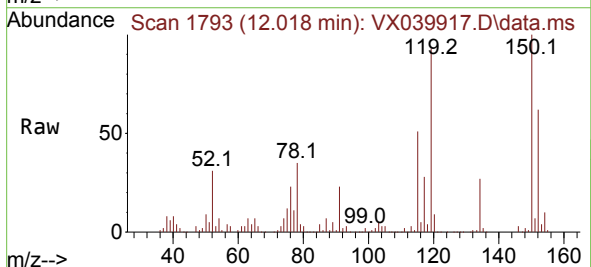
Tgt Ion:152 Resp: 61754

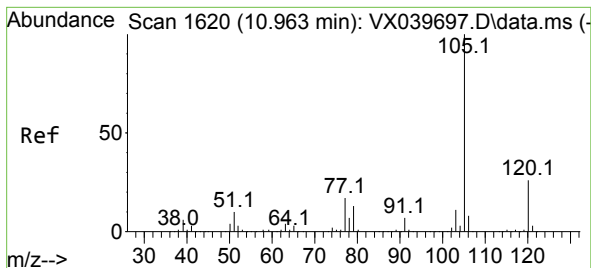
Ion Ratio Lower Upper

152 100

115 94.9 43.3 129.9

150 174.9 0.0 345.0





#73

Isopropylbenzene

Concen: 51.140 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

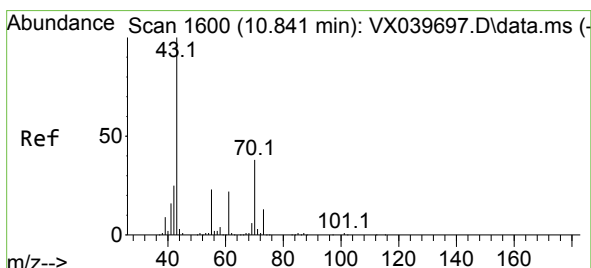
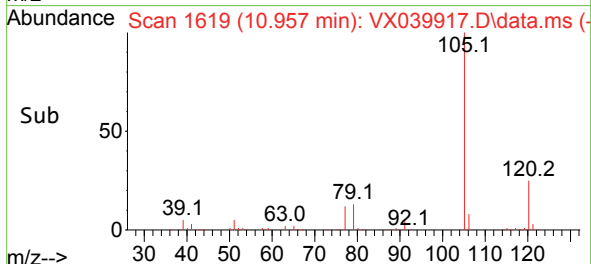
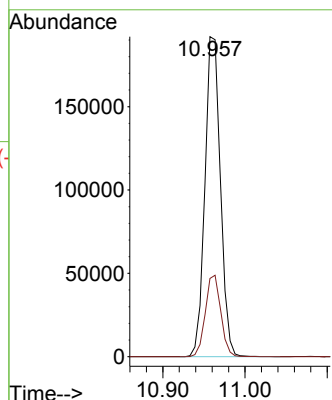
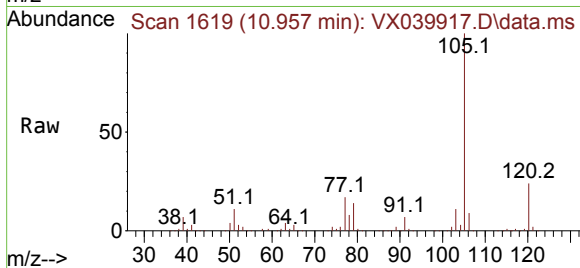
BP-VPB-191-GW-378-380MS

Tgt Ion:105 Resp: 251438

Ion Ratio Lower Upper

105 100

120 25.4 12.9 38.6



#74

N-ethyl acetate

Concen: 49.750 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Tgt Ion: 43 Resp: 127500

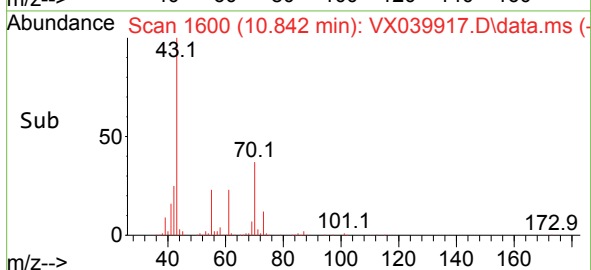
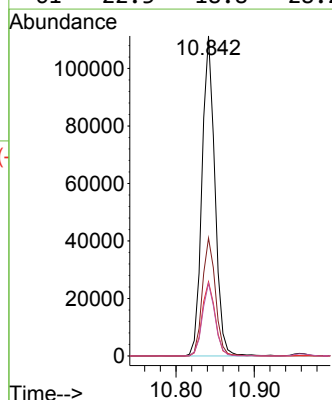
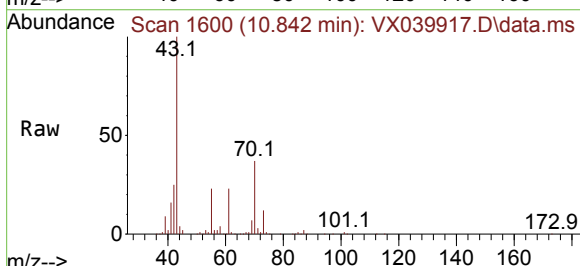
Ion Ratio Lower Upper

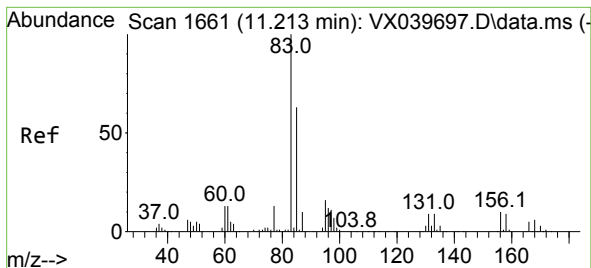
43 100

70 37.2 32.9 49.3

55 23.5 19.3 28.9

61 22.3 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.192 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS

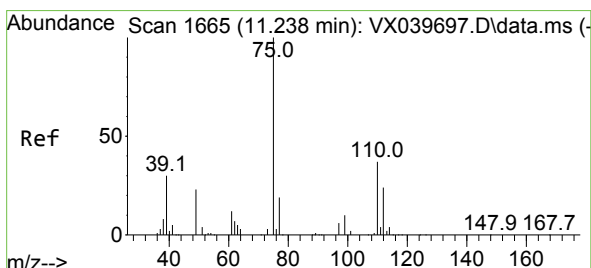
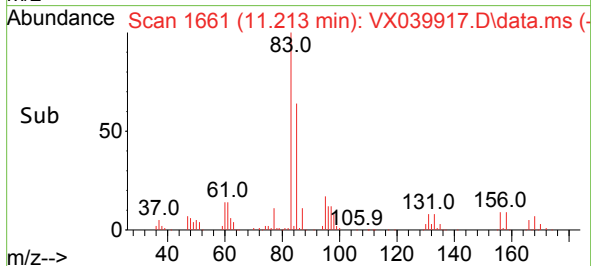
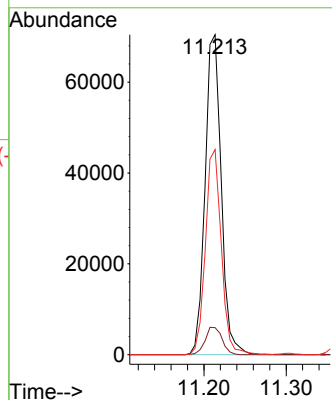
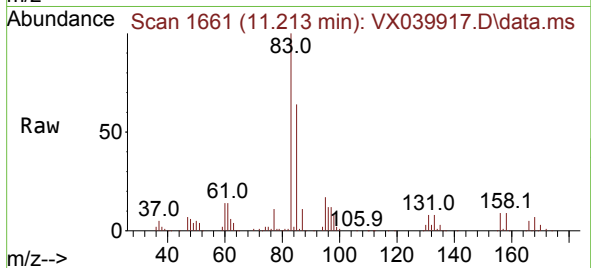
Tgt Ion: 83 Resp: 96111

Ion Ratio Lower Upper

83 100

131 9.0 5.3 15.8

85 63.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 63.904 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039917.D

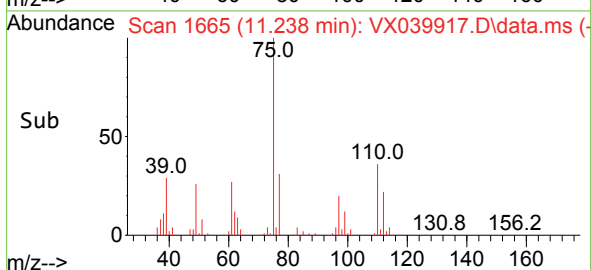
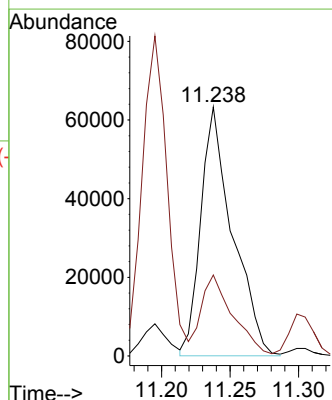
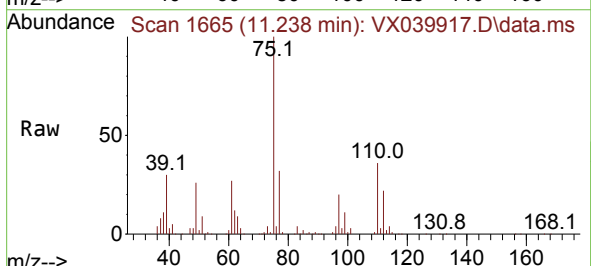
Acq: 23 Jan 2024 18:12

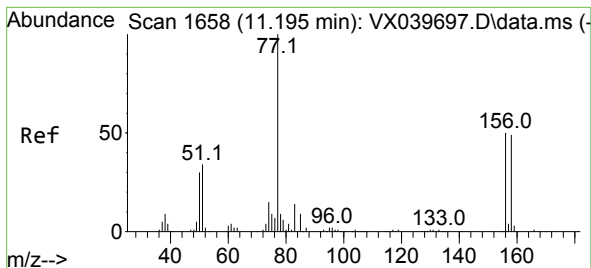
Tgt Ion: 75 Resp: 102312

Ion Ratio Lower Upper

75 100

77 32.5 19.1 57.5





#77

Bromobenzene

Concen: 51.515 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS

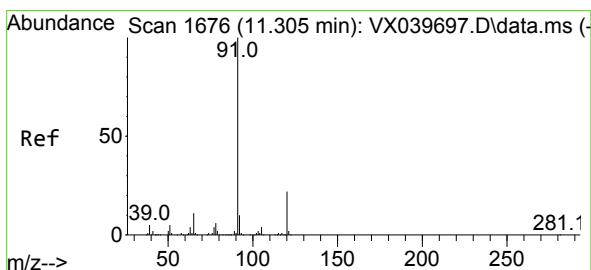
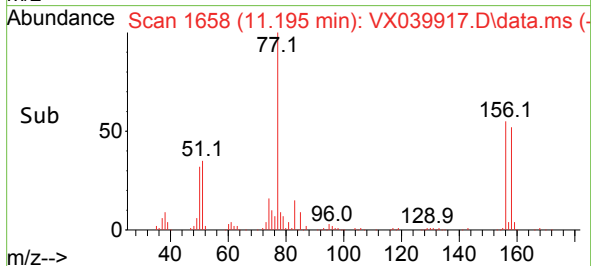
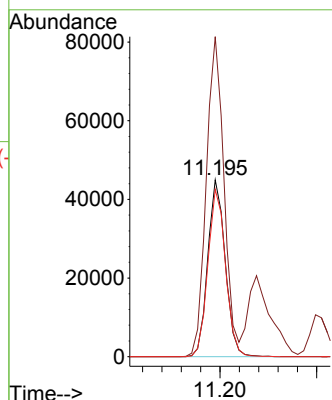
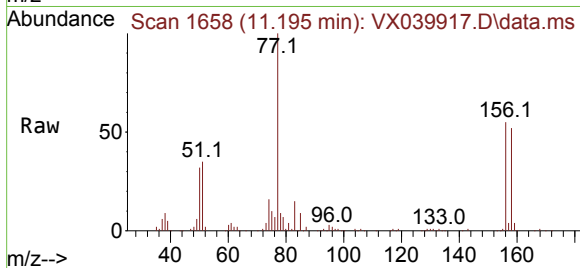
Tgt Ion:156 Resp: 56394

Ion Ratio Lower Upper

156 100

77 183.8 88.4 265.3

158 96.0 48.0 144.0



#78

n-propylbenzene

Concen: 51.306 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039917.D

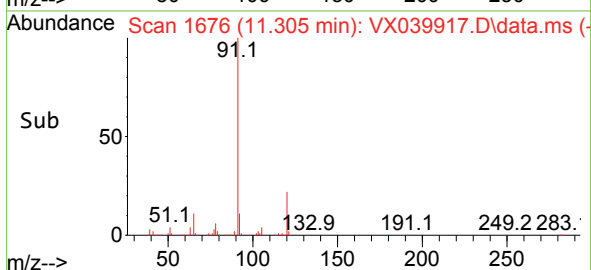
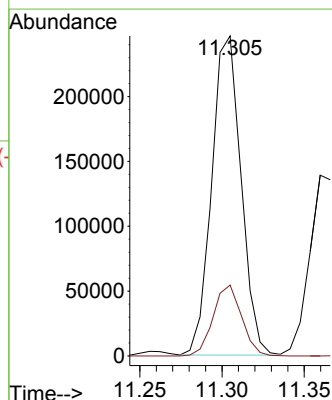
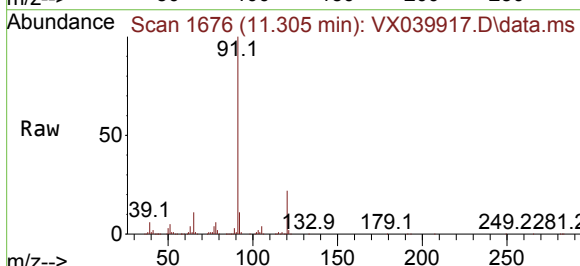
Acq: 23 Jan 2024 18:12

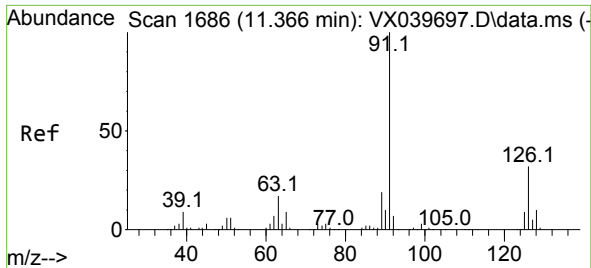
Tgt Ion: 91 Resp: 305311

Ion Ratio Lower Upper

91 100

120 21.6 11.5 34.4

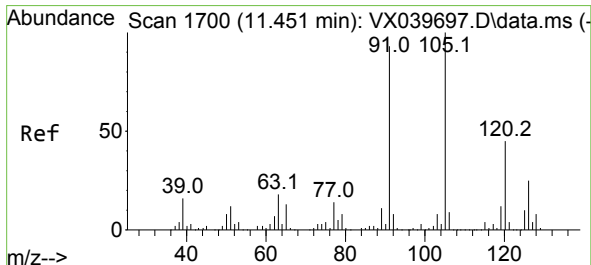
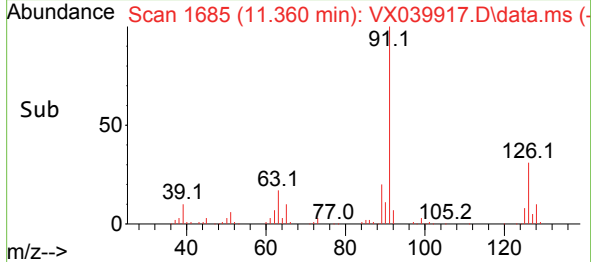
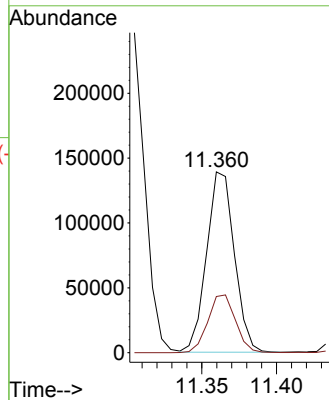
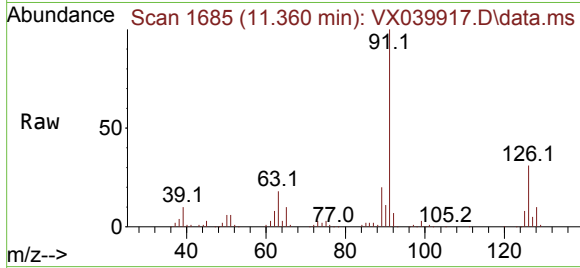




#79
2-Chlorotoluene
Concen: 48.893 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

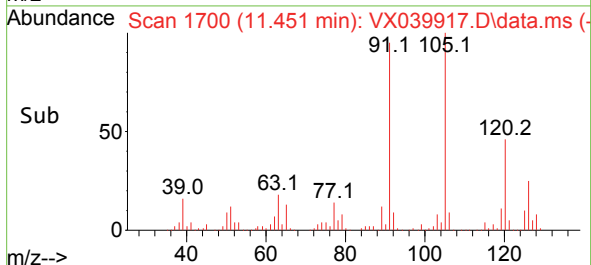
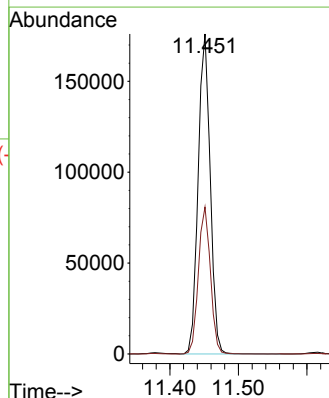
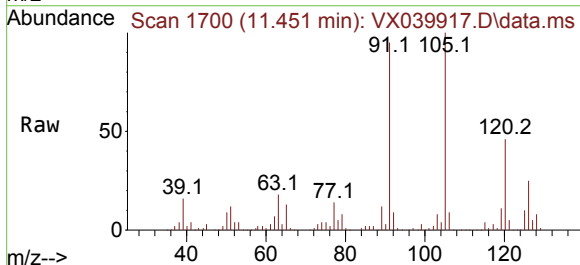
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

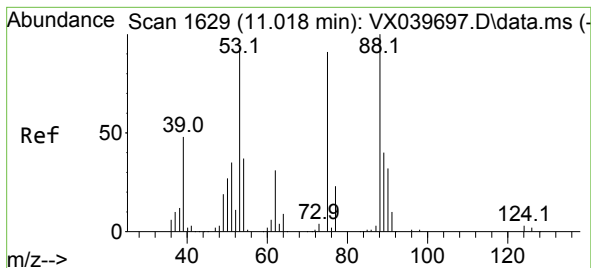
Tgt Ion: 91 Resp: 179822
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 51.735 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 105 Resp: 216034
Ion Ratio Lower Upper
105 100
120 45.8 24.1 72.3

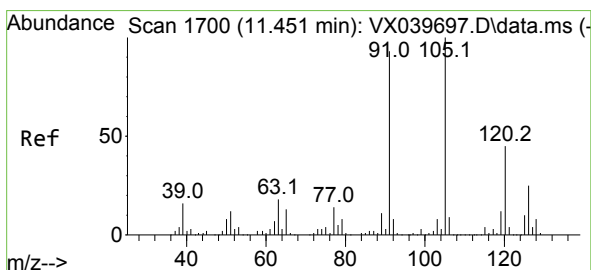
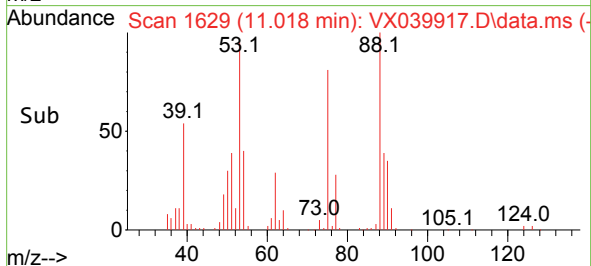
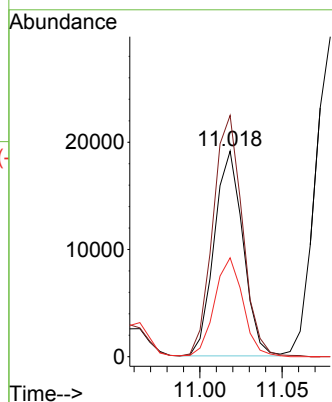
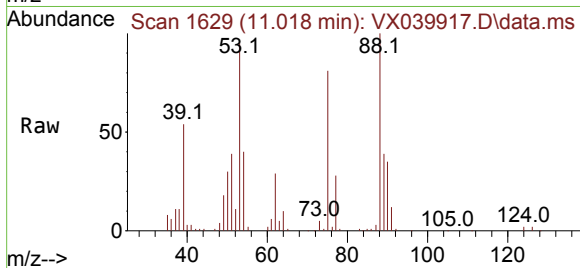




#81
trans-1,4-Dichloro-2-butene
Concen: 44.154 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

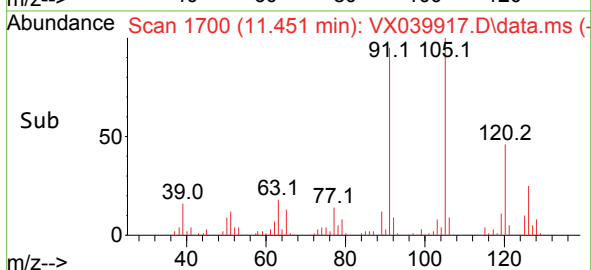
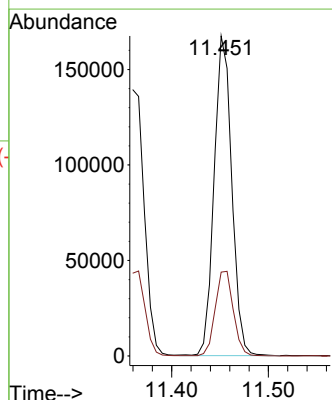
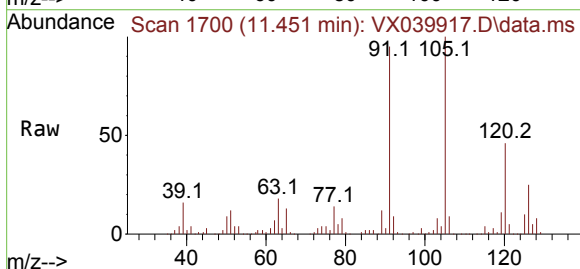
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

Tgt Ion: 75 Resp: 23364
Ion Ratio Lower Upper
75 100
53 121.0 90.5 135.7
89 47.6 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.856 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 91 Resp: 212162
Ion Ratio Lower Upper
91 100
126 27.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 51.698 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS

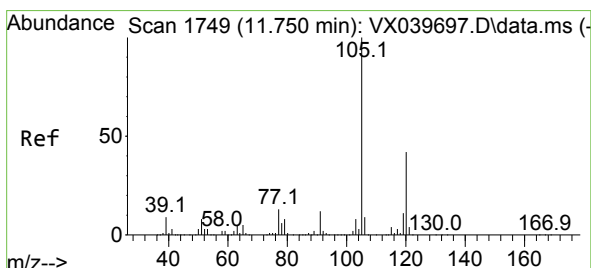
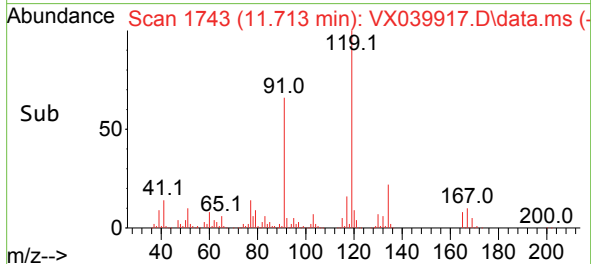
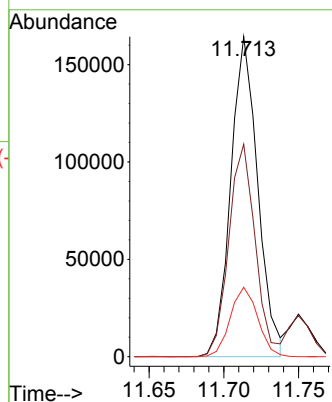
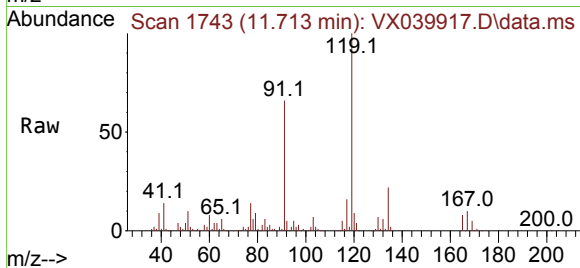
Tgt Ion:119 Resp: 206101

Ion Ratio Lower Upper

119 100

91 65.5 31.2 93.6

134 22.1 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 51.803 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039917.D

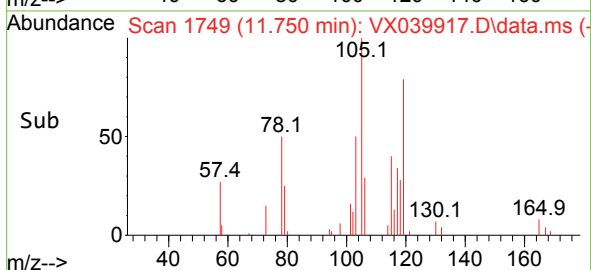
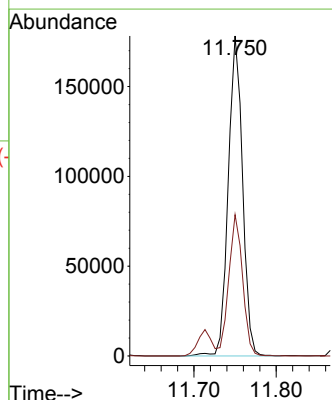
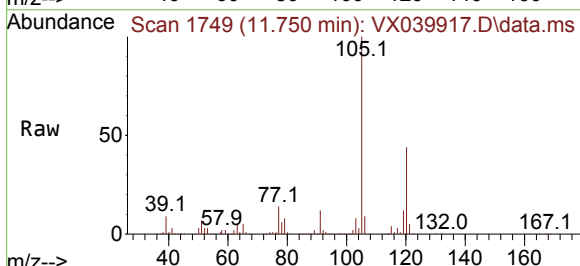
Acq: 23 Jan 2024 18:12

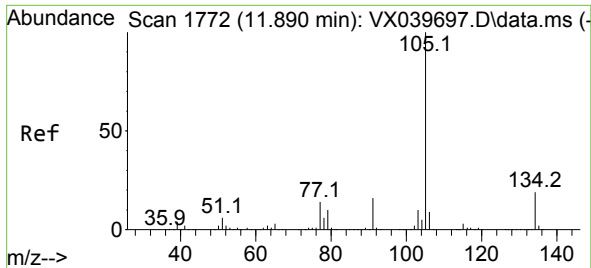
Tgt Ion:105 Resp: 215813

Ion Ratio Lower Upper

105 100

120 43.1 21.2 63.6

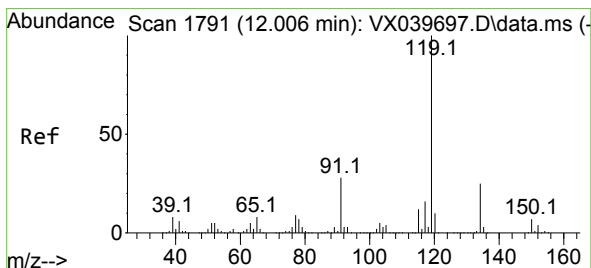
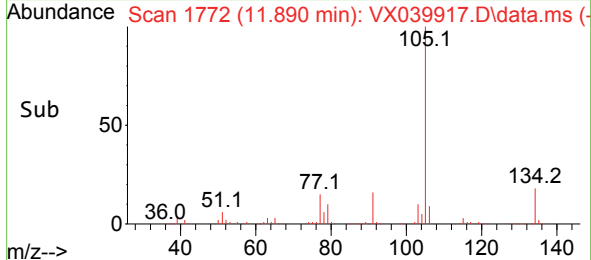
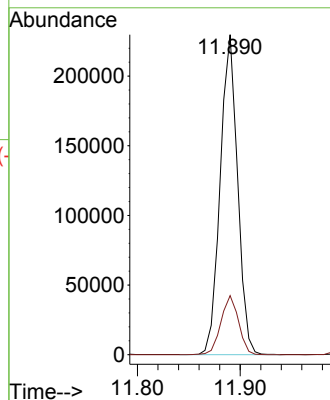
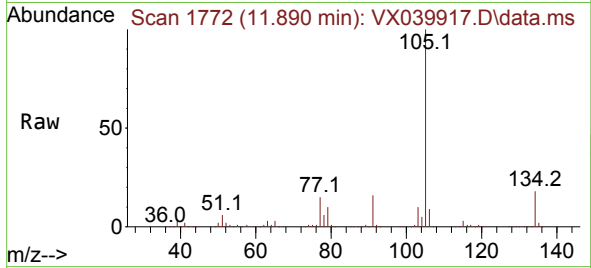




#85
sec-Butylbenzene
Concen: 51.983 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

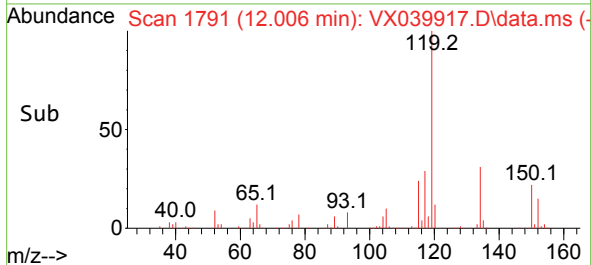
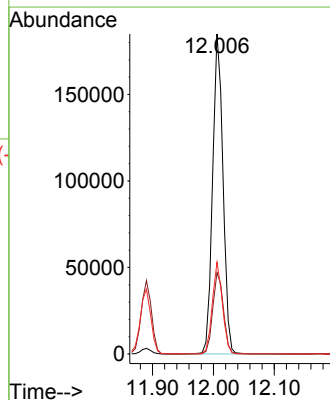
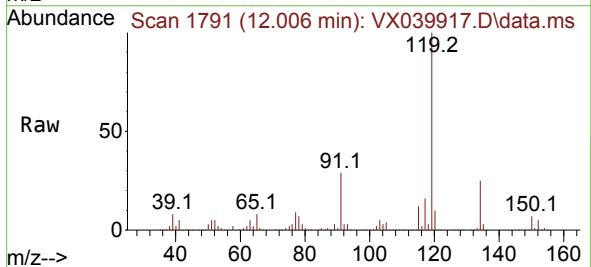
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

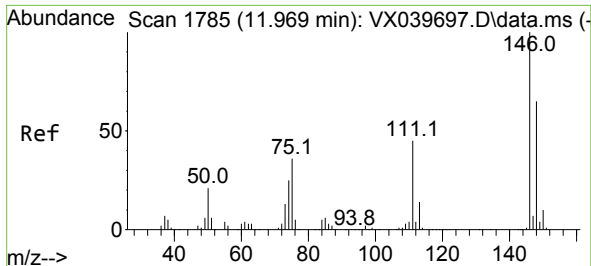
Tgt Ion:105 Resp: 269015
Ion Ratio Lower Upper
105 100
134 18.7 9.8 29.4



#86
p-Isopropyltoluene
Concen: 52.974 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion:119 Resp: 219105
Ion Ratio Lower Upper
119 100
134 25.9 12.8 38.3
91 27.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.285 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039917.D

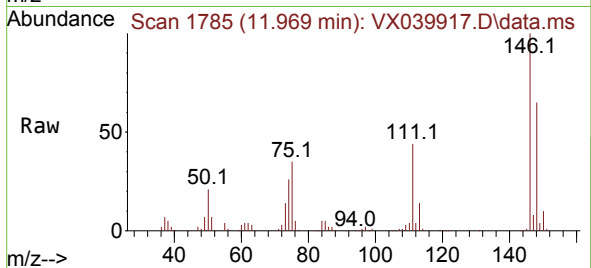
Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS



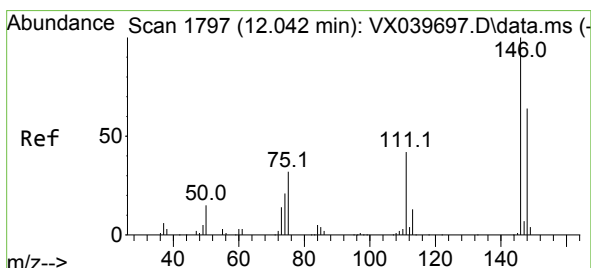
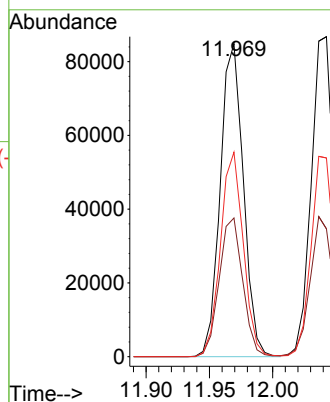
Tgt Ion:146 Resp: 107619

Ion Ratio Lower Upper

146 100

111 45.3 22.1 66.1

148 64.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.871 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

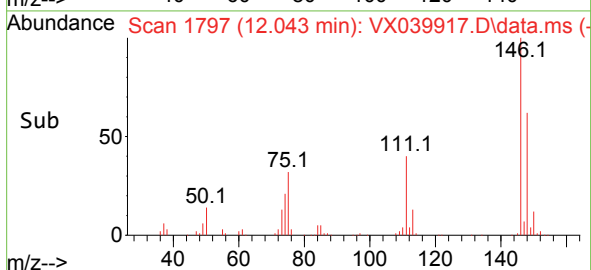
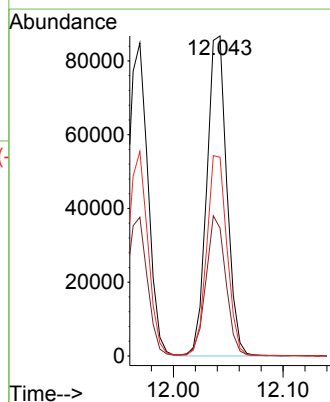
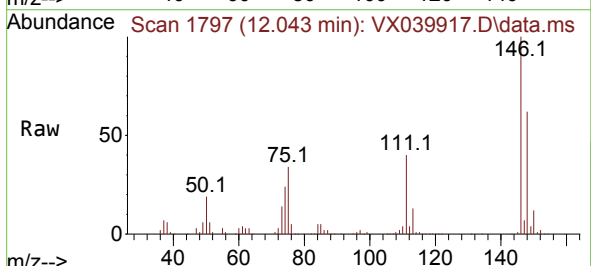
Tgt Ion:146 Resp: 110253

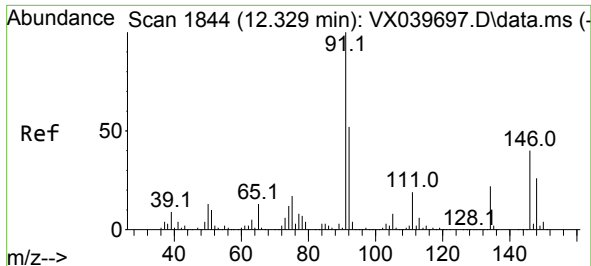
Ion Ratio Lower Upper

146 100

111 43.4 21.3 63.7

148 63.7 31.8 95.4

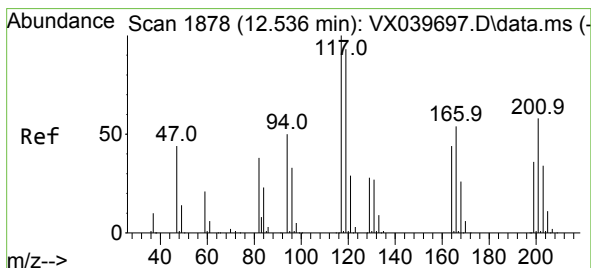
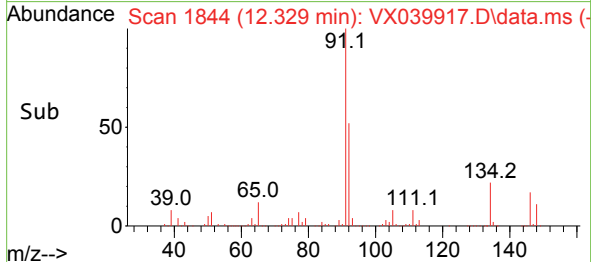
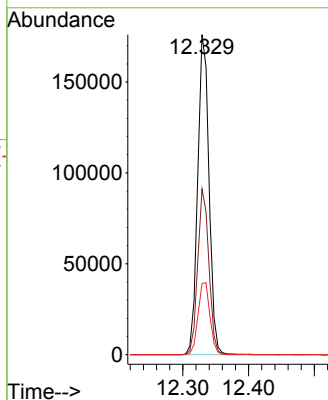
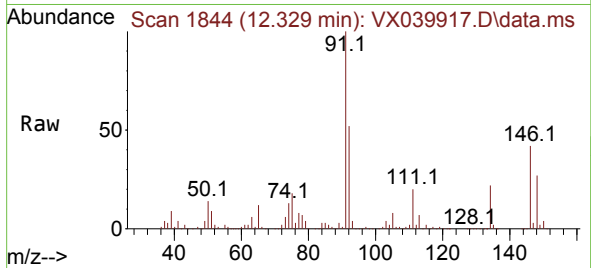




#89
n-Butylbenzene
Concen: 52.757 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

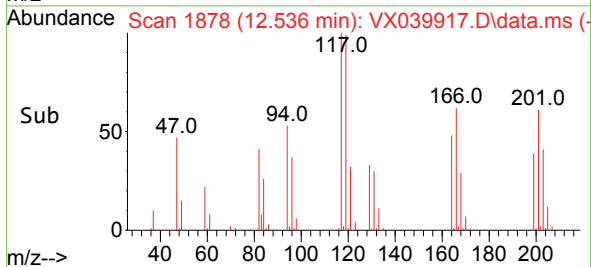
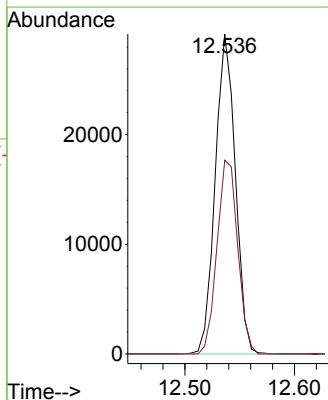
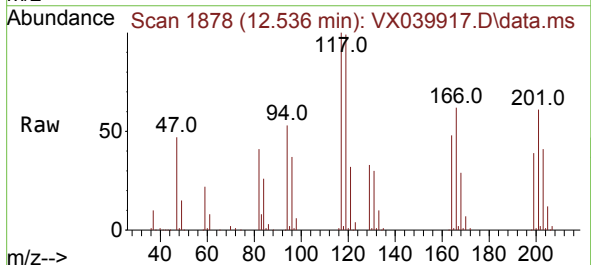
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

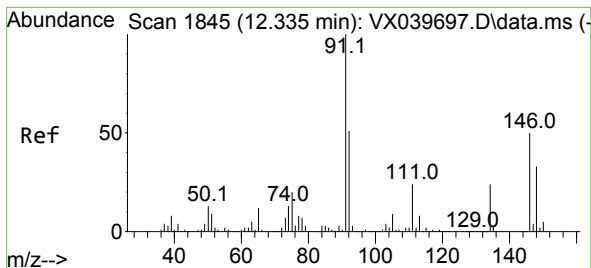
Tgt Ion: 91 Resp: 210756
Ion Ratio Lower Upper
91 100
92 51.1 27.4 82.0
134 23.7 12.6 37.8



#90
Hexachloroethane
Concen: 53.354 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 117 Resp: 37229
Ion Ratio Lower Upper
117 100
201 62.4 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 50.854 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039917.D

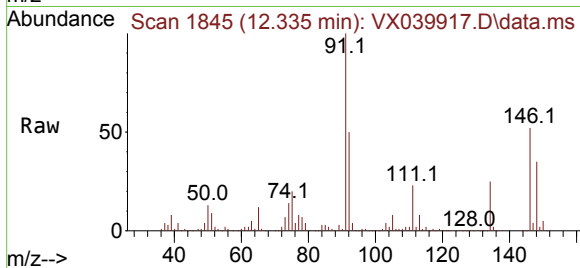
Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS



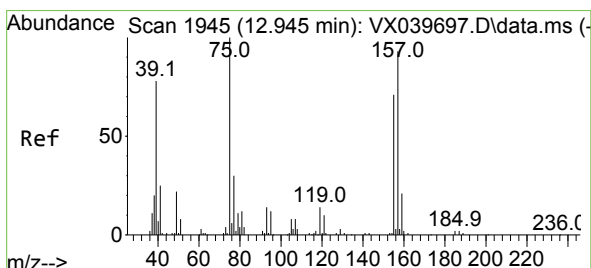
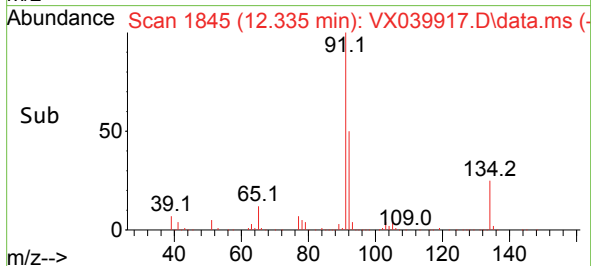
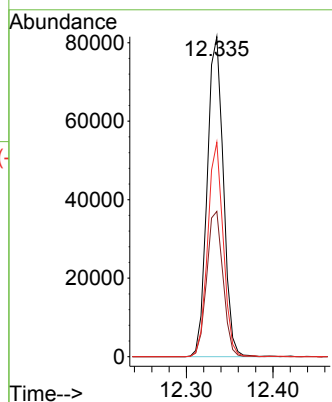
Tgt Ion:146 Resp: 105499

Ion Ratio Lower Upper

146 100

111 45.9 22.4 67.0

148 64.3 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.827 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

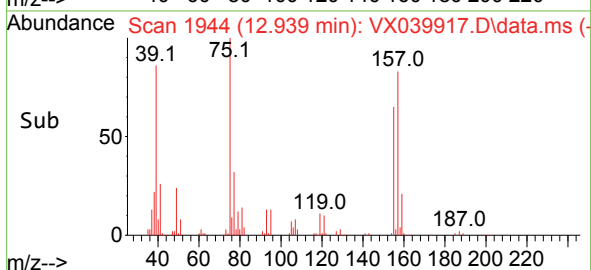
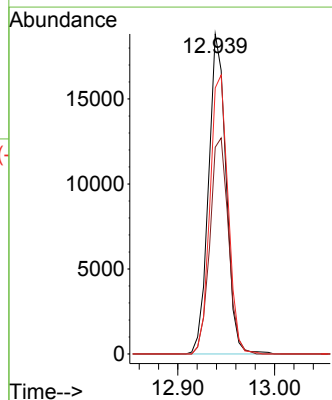
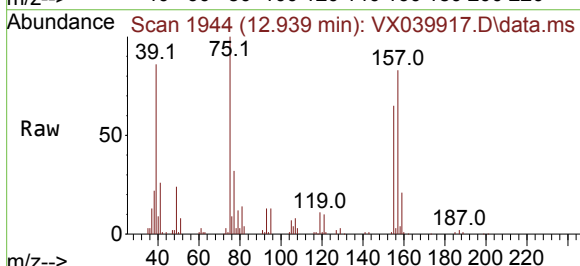
Tgt Ion: 75 Resp: 23843

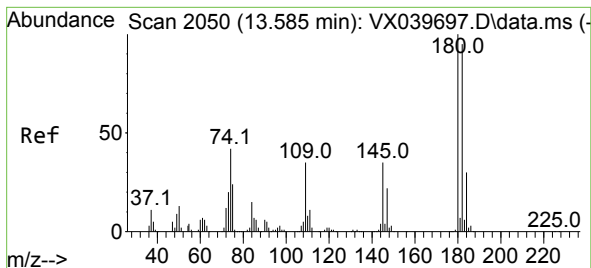
Ion Ratio Lower Upper

75 100

155 71.0 36.1 108.5

157 89.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.502 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS

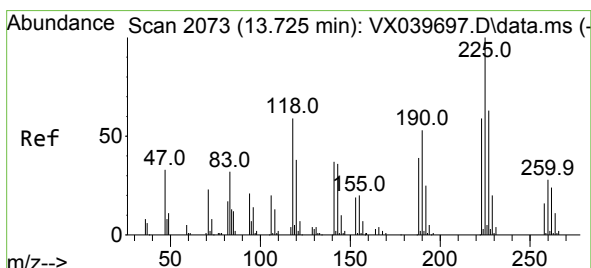
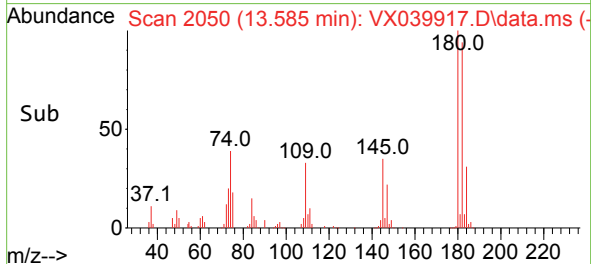
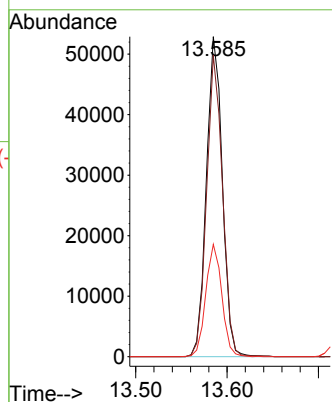
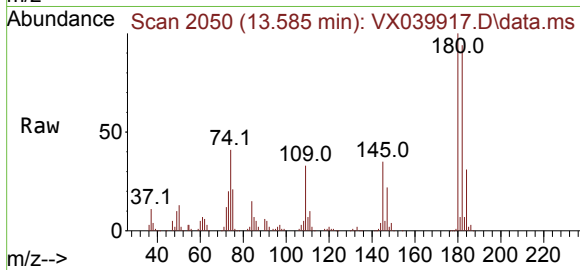
Tgt Ion:180 Resp: 64026

Ion Ratio Lower Upper

180 100

182 93.8 48.3 144.8

145 35.3 18.0 54.0



#94

Hexachlorobutadiene

Concen: 52.245 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

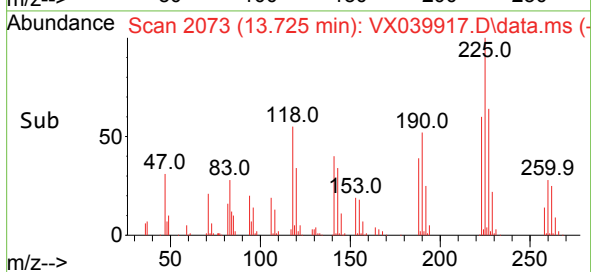
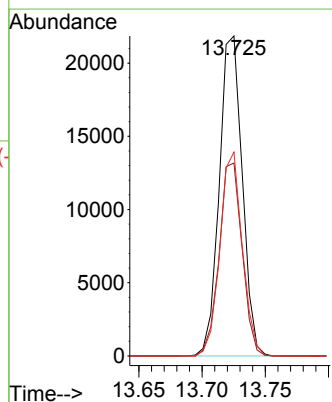
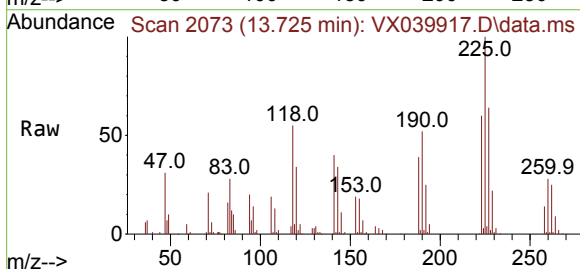
Tgt Ion:225 Resp: 27534

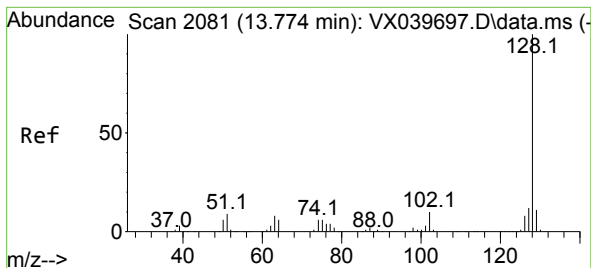
Ion Ratio Lower Upper

225 100

223 60.3 31.1 93.2

227 61.8 32.5 97.5

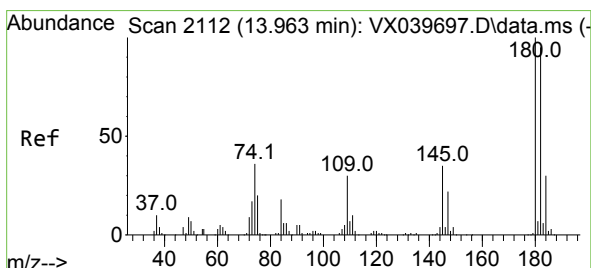
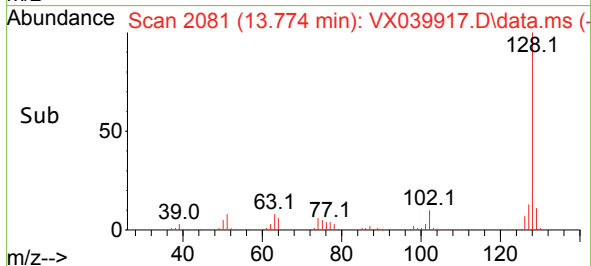
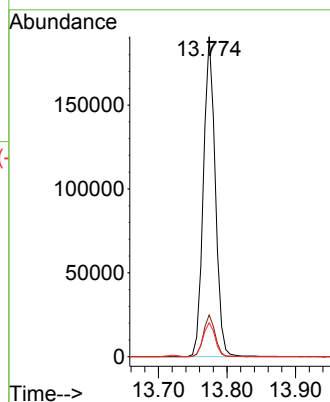
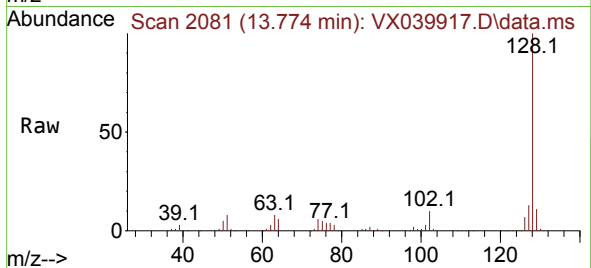




#95
Naphthalene
Concen: 49.379 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

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

Tgt Ion:128 Resp: 230461
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.885 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion:180 Resp: 62549
Ion Ratio Lower Upper
180 100
182 96.0 46.9 140.6
145 36.7 17.8 53.5

