

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082902.D
 Acq On : 12 Jul 2024 16:16
 Operator : JC\MD
 Sample : P3229-07MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-828-830MSD

Quant Time: Jul 15 01:13:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	102612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	178401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	168562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80983	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	80558	56.005	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.000%	
35) Dibromofluoromethane	8.171	113	63186	55.196	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.400%	
50) Toluene-d8	10.565	98	239266	56.589	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 113.180%#	
62) 4-Bromofluorobenzene	12.853	95	83299	54.846	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 109.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	68705	51.717	ug/l	95
3) Chloromethane	2.360	50	61542	48.849	ug/l	93
4) Vinyl Chloride	2.512	62	71032	53.684	ug/l	95
5) Bromomethane	2.948	94	46651	48.900	ug/l	94
6) Chloroethane	3.112	64	51807	57.216	ug/l	95
7) Trichlorofluoromethane	3.495	101	97121	51.034	ug/l	98
8) Diethyl Ether	3.965	74	33970	52.156	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	56423	52.385	ug/l	98
10) Methyl Iodide	4.595	142	55685	50.426	ug/l	99
11) Tert butyl alcohol	5.530	59	52678	217.738	ug/l	100
12) 1,1-Dichloroethene	4.342	96	53209	50.796	ug/l	82
13) Acrolein	4.177	56	51064	292.348	ug/l	99
14) Allyl chloride	5.018	41	76224	46.670	ug/l #	94
15) Acrylonitrile	5.724	53	145708	262.065	ug/l	100
16) Acetone	4.430	43	120895	238.721	ug/l	94
17) Carbon Disulfide	4.712	76	149976	47.914	ug/l	100
18) Methyl Acetate	5.024	43	65791	49.096	ug/l #	90
19) Methyl tert-butyl Ether	5.800	73	189529	52.452	ug/l	99
20) Methylene Chloride	5.277	84	62426	51.042	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	57340	50.520	ug/l	91
22) Diisopropyl ether	6.677	45	191494	56.043	ug/l #	96
23) Vinyl Acetate	6.606	43	725691	267.438	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	112237	54.152	ug/l	97
25) 2-Butanone	7.483	43	193432	252.959	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	89916	46.659	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	70674	53.186	ug/l	88
28) Bromochloromethane	7.812	49	50105	56.352	ug/l #	83
29) Tetrahydrofuran	7.841	42	125823	261.366	ug/l #	84
30) Chloroform	7.965	83	120070	54.607	ug/l	99
31) Cyclohexane	8.259	56	88168	46.884	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	106903	52.366	ug/l	97
36) 1,1-Dichloropropene	8.371	75	81850	51.859	ug/l	98
37) Ethyl Acetate	7.565	43	81527	50.736	ug/l	96
38) Carbon Tetrachloride	8.365	117	94357	49.653	ug/l	99
39) Methylcyclohexane	9.600	83	82236	48.236	ug/l	92
40) Benzene	8.606	78	258493	53.243	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	44764	51.709	ug/l	92
42) 1,2-Dichloroethane	8.671	62	91352	52.268	ug/l	97
43) Isopropyl Acetate	8.688	43	147240	48.507	ug/l #	94
44) Trichloroethene	9.353	130	60405	48.564	ug/l	99
45) 1,2-Dichloropropane	9.624	63	63681	56.183	ug/l	97
46) Dibromomethane	9.712	93	46383	52.528	ug/l	100
47) Bromodichloromethane	9.888	83	97029	53.181	ug/l	97
48) Methyl methacrylate	9.683	41	63878	50.698	ug/l #	87
49) 1,4-Dioxane	9.700	88	25888	943.307	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	426991	268.039	ug/l	93
52) Toluene	10.630	92	162877	53.706	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	97683	51.971	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	98894	49.708	ug/l	88
55) 1,1,2-Trichloroethane	11.018	97	61889	55.496	ug/l	98
56) Ethyl methacrylate	10.877	69	99320	57.244	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	107640	54.528	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.312	63	709	0.796	ug/l #	48
59) 2-Hexanone	11.194	43	319851	270.057	ug/l	92
60) Dibromochloromethane	11.359	129	74759	52.632	ug/l	99
61) 1,2-Dibromoethane	11.471	107	63123	53.300	ug/l	98
64) Tetrachloroethene	11.106	164	56894	45.240	ug/l	95
65) Chlorobenzene	11.894	112	179662	49.740	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	64434	50.151	ug/l	98
67) Ethyl Benzene	11.965	91	309564	50.993	ug/l	98
68) m/p-Xylenes	12.071	106	241127	105.207	ug/l	97
69) o-Xylene	12.400	106	116544	53.069	ug/l	94
70) Styrene	12.412	104	198975	54.836	ug/l	98
71) Bromoform	12.576	173	51466	50.936	ug/l #	99
73) Isopropylbenzene	12.694	105	291900	49.604	ug/l	99
74) N-amyl acetate	12.494	43	122038	50.137	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	90111	51.130	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	119988	85.939	ug/l	42
77) Bromobenzene	12.982	156	72292	47.620	ug/l	95
78) n-propylbenzene	13.035	91	337794	49.926	ug/l	99
79) 2-Chlorotoluene	13.124	91	208138	48.281	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	239929	50.441	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	37094	52.251	ug/l #	83
82) 4-Chlorotoluene	13.224	91	206304	48.349	ug/l	97
83) tert-Butylbenzene	13.441	119	204261	48.438	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	243686	50.264	ug/l	97
85) sec-Butylbenzene	13.618	105	280991	49.309	ug/l	100
86) p-Isopropyltoluene	13.729	119	234512	49.324	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	132474	48.305	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	131928	46.516	ug/l	100
89) n-Butylbenzene	14.059	91	192846	47.344	ug/l	99
90) Hexachloroethane	14.335	117	46921	46.640	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	129895	48.783	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	18553	45.504	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	62052	43.263	ug/l	99
94) Hexachlorobutadiene	15.500	225	24951	39.241	ug/l	99
95) Naphthalene	15.641	128	220497	44.885	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	63919	43.343	ug/l	96

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QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

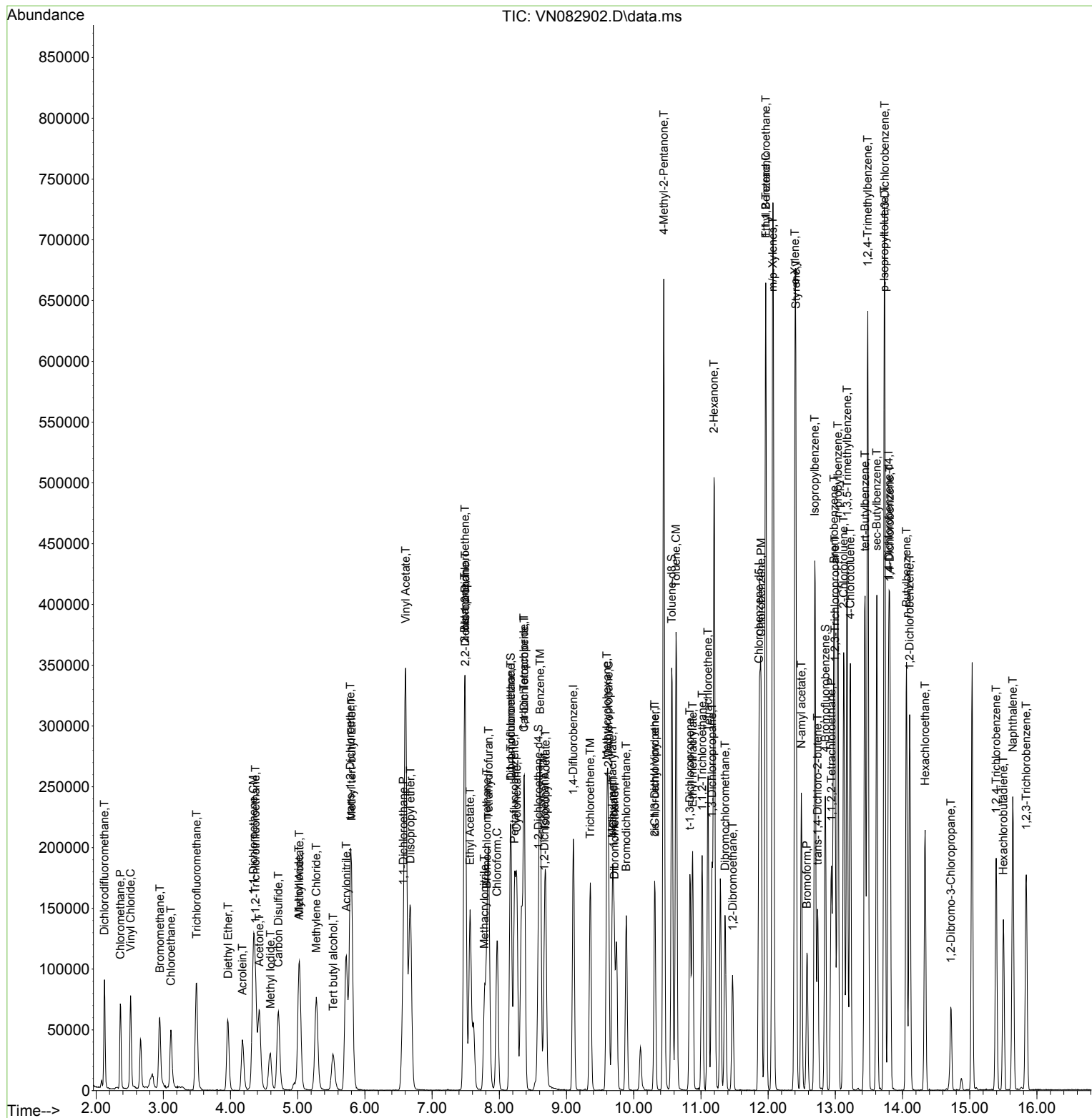
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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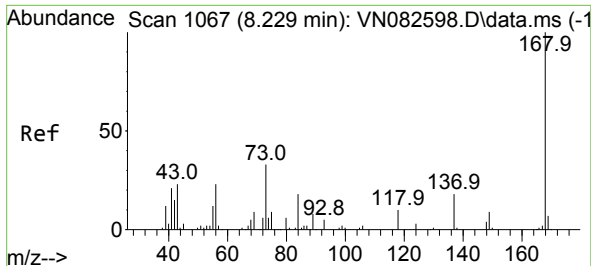
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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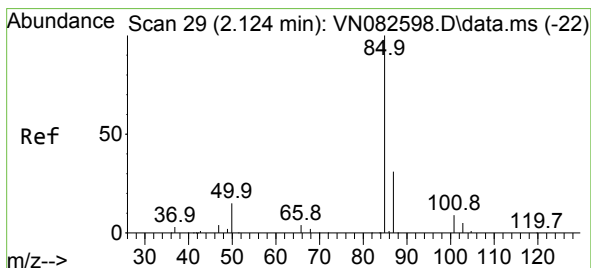
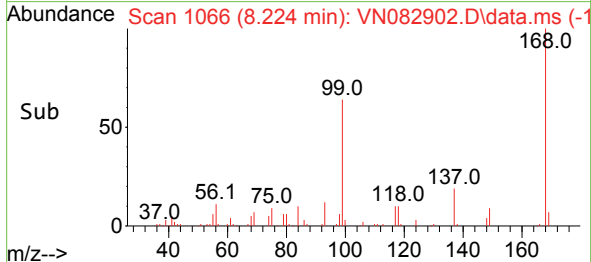
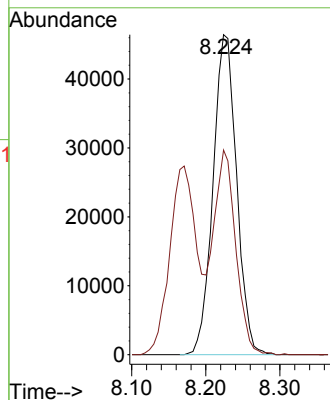
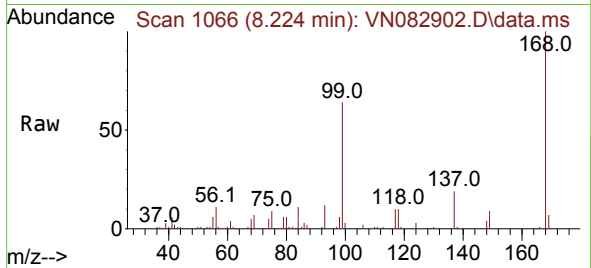




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN082902.D
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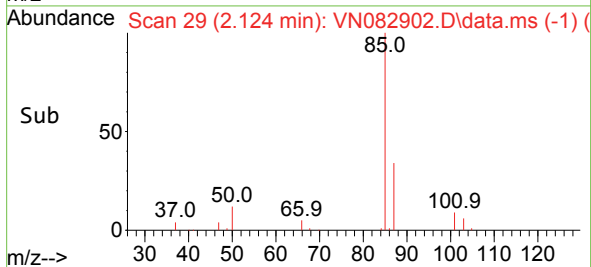
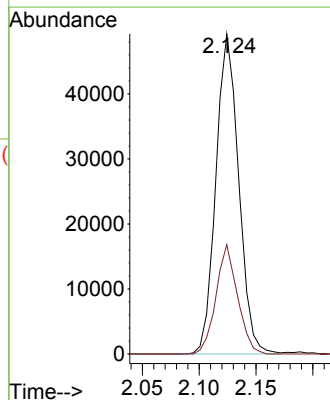
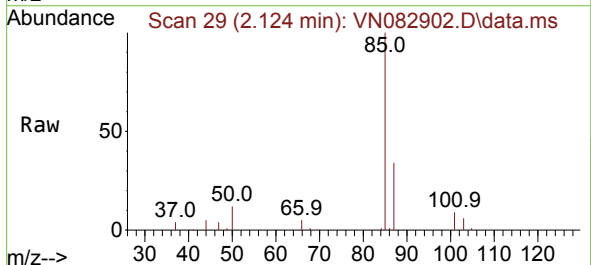
Instrument :
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ClientSampleId :
BP-VPB-189-GW-828-830MSD

Tgt Ion:168 Resp: 102612
Ion Ratio Lower Upper
168 100
99 63.9 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 51.717 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 85 Resp: 68705
Ion Ratio Lower Upper
85 100
87 34.2 15.7 47.0

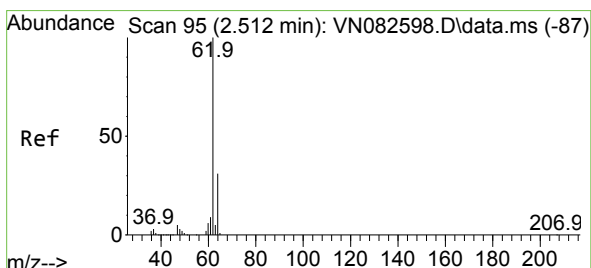
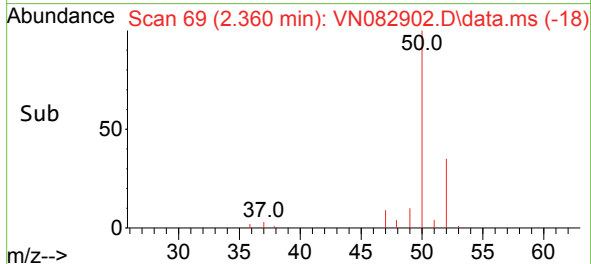
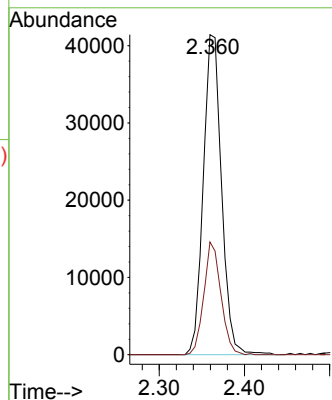
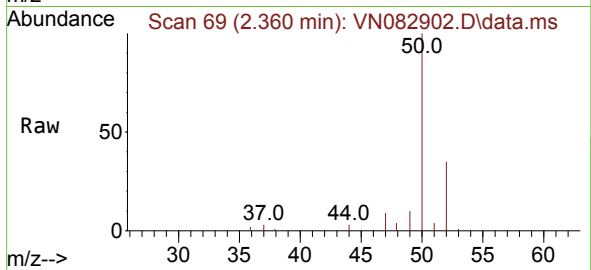




#3
Chloromethane
Concen: 48.849 ug/l
RT: 2.360 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

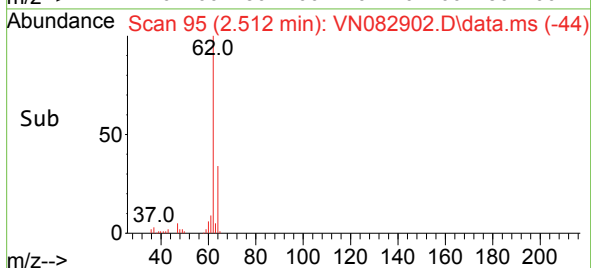
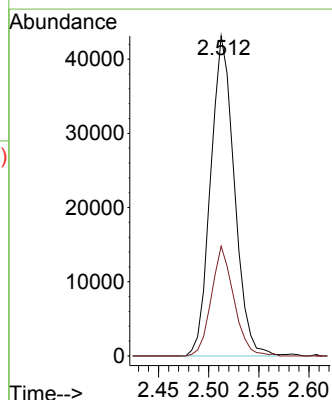
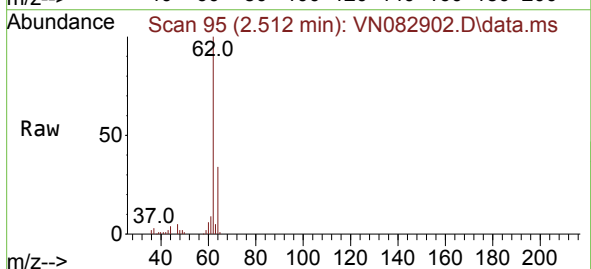
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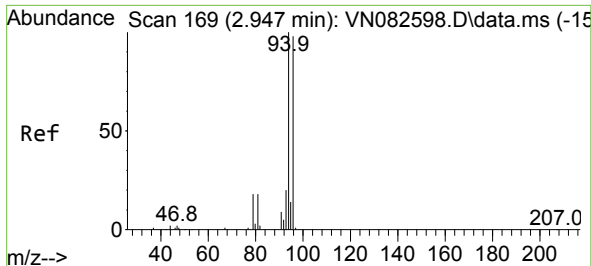
Tgt Ion: 50 Resp: 61542
Ion Ratio Lower Upper
50 100
52 35.2 25.0 37.4



#4
Vinyl Chloride
Concen: 53.684 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 62 Resp: 71032
Ion Ratio Lower Upper
62 100
64 34.3 25.0 37.6

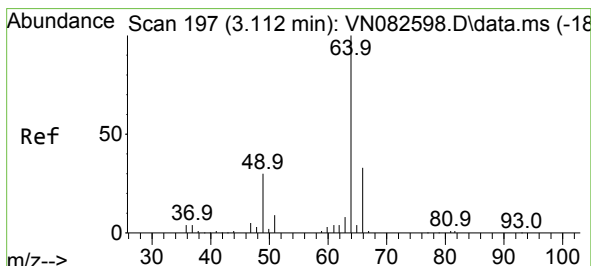
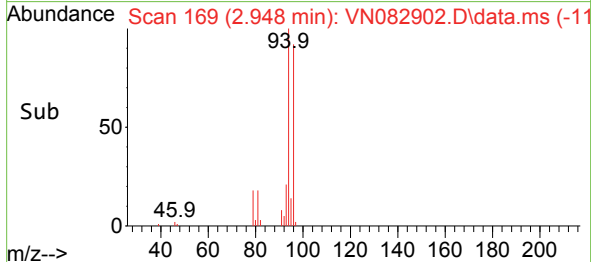
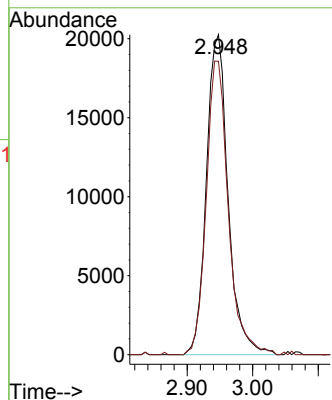
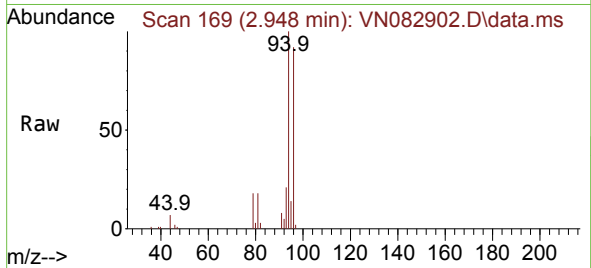




#5
Bromomethane
Concen: 48.900 ug/l
RT: 2.948 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN082902.D
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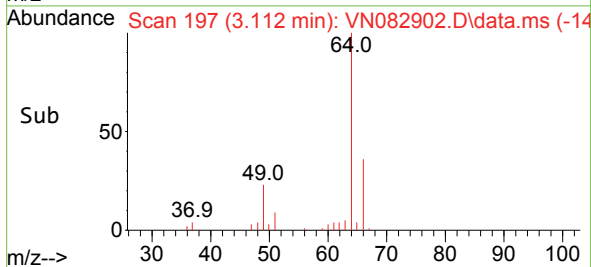
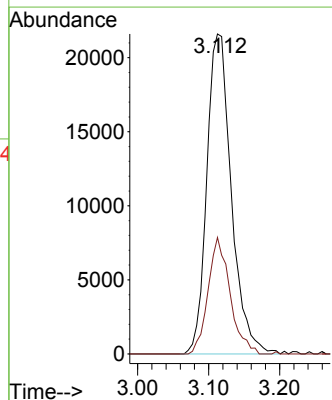
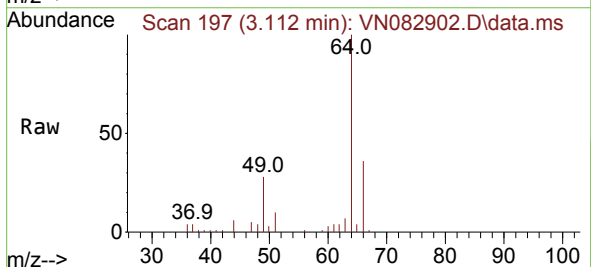
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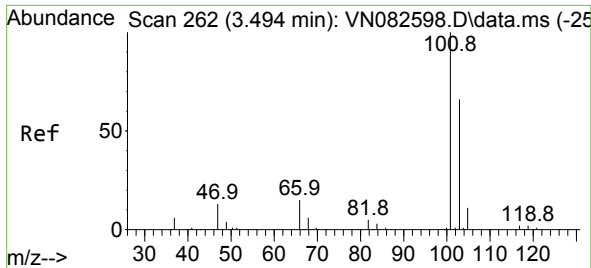
Tgt Ion: 94 Resp: 46651
Ion Ratio Lower Upper
94 100
96 91.7 78.0 117.0



#6
Chloroethane
Concen: 57.216 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 51807
Ion Ratio Lower Upper
64 100
66 36.4 26.6 40.0

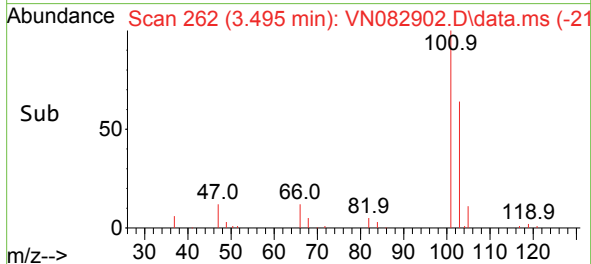
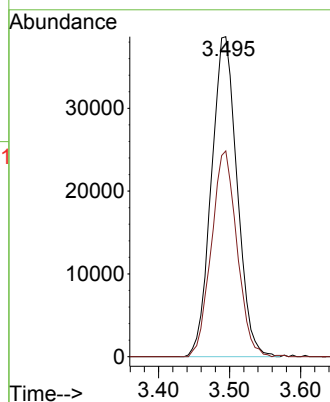
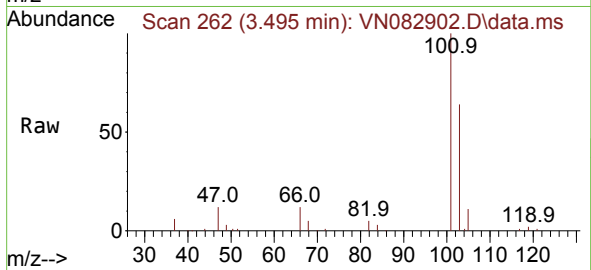




#7
Trichlorofluoromethane
Concen: 51.034 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.001 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

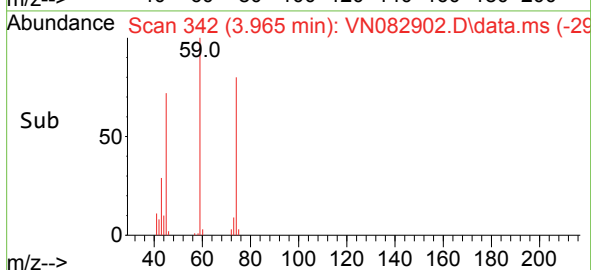
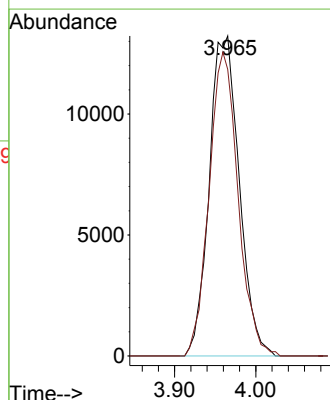
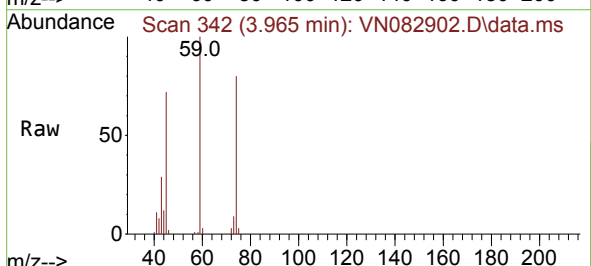
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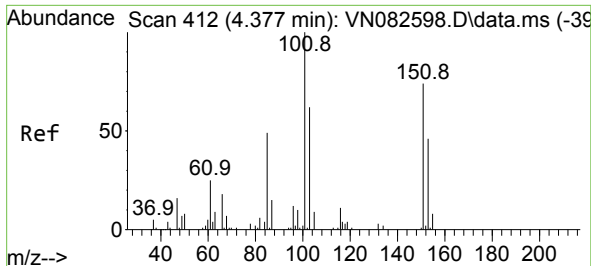
Tgt Ion:101 Resp: 97121
Ion Ratio Lower Upper
101 100
103 64.3 52.7 79.1



#8
Diethyl Ether
Concen: 52.156 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN082902.D
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Tgt Ion: 74 Resp: 33970
Ion Ratio Lower Upper
74 100
45 91.6 55.5 166.3

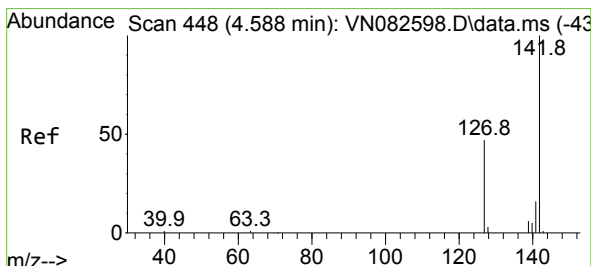
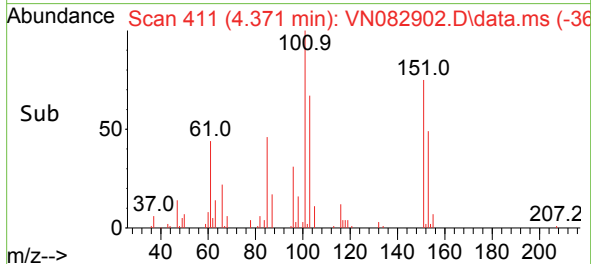
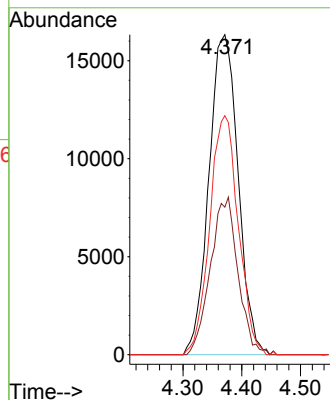
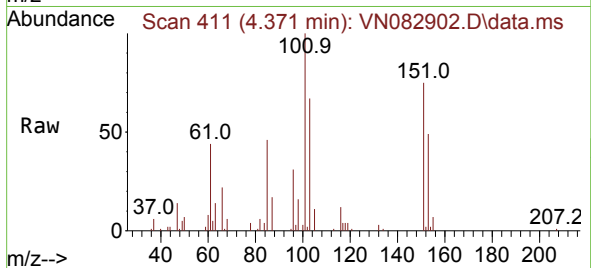




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.385 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

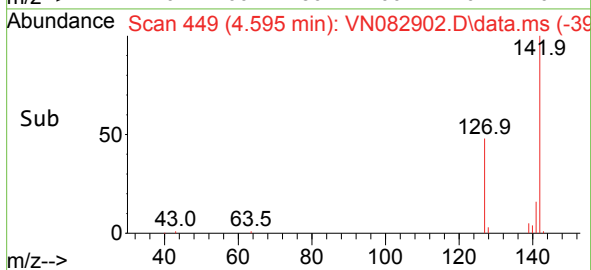
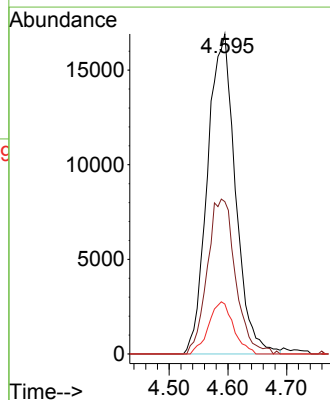
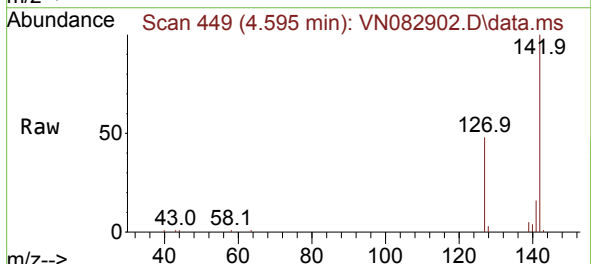
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

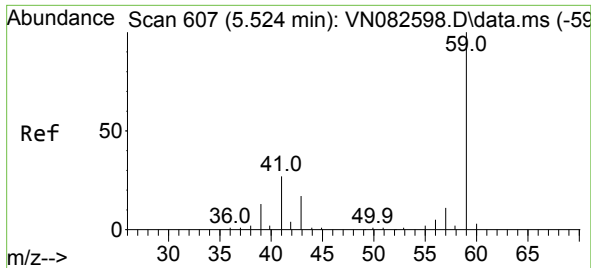
Tgt Ion:101 Resp: 56423
Ion Ratio Lower Upper
101 100
85 46.5 38.3 57.5
151 73.1 59.3 88.9



#10
Methyl Iodide
Concen: 50.426 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.007 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion:142 Resp: 55685
Ion Ratio Lower Upper
142 100
127 47.6 37.5 56.3
141 15.6 13.1 19.7

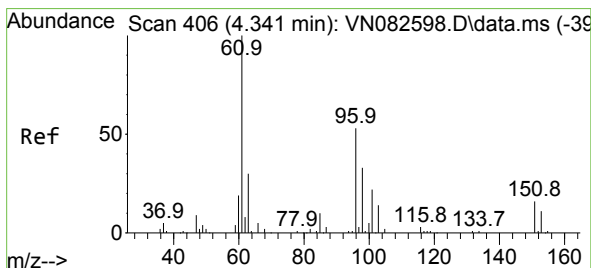
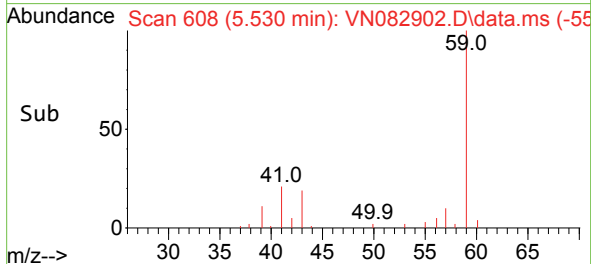
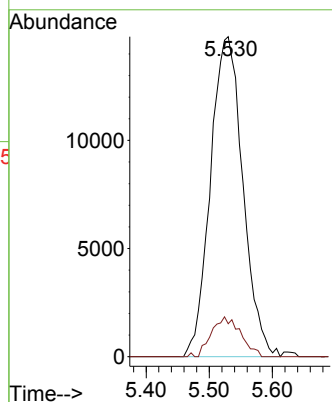
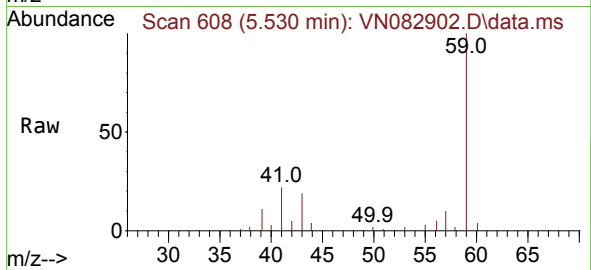




#11
Tert butyl alcohol
Concen: 217.738 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

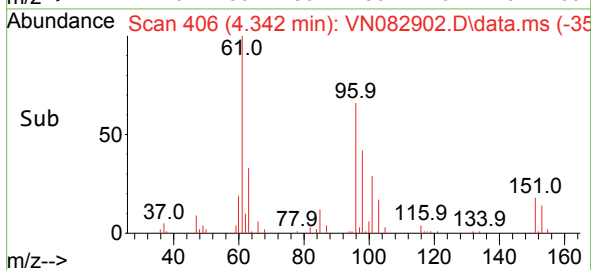
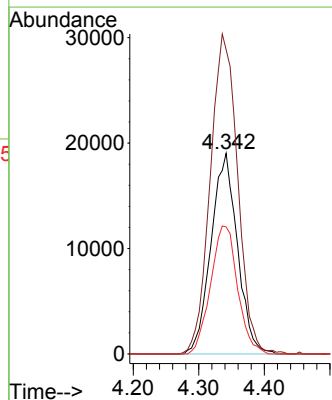
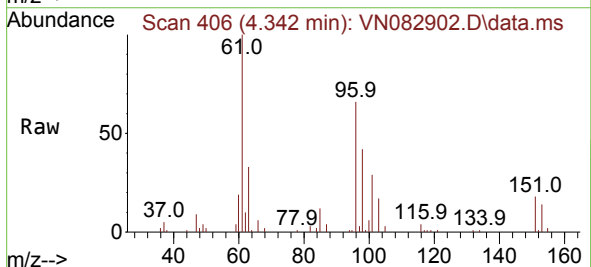
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

Tgt Ion: 59 Resp: 52678
Ion Ratio Lower Upper
59 100
57 11.2 8.9 13.3



#12
1,1-Dichloroethene
Concen: 50.796 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 96 Resp: 53209
Ion Ratio Lower Upper
96 100
61 151.7 149.7 224.5
98 63.3 50.1 75.1

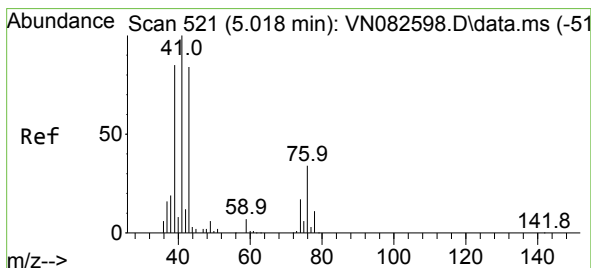
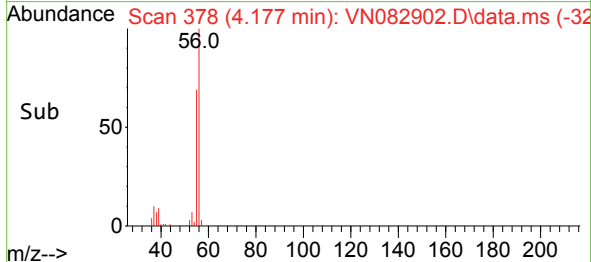
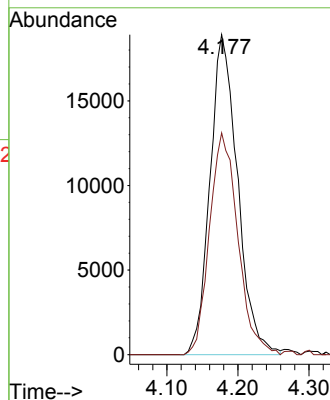
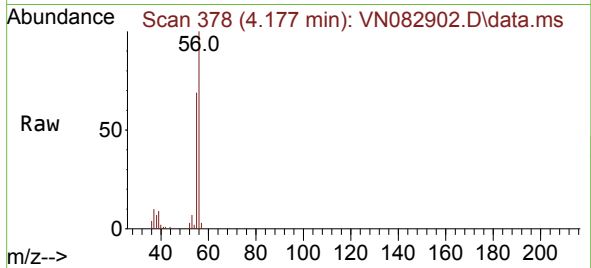




#13
Acrolein
Concen: 292.348 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

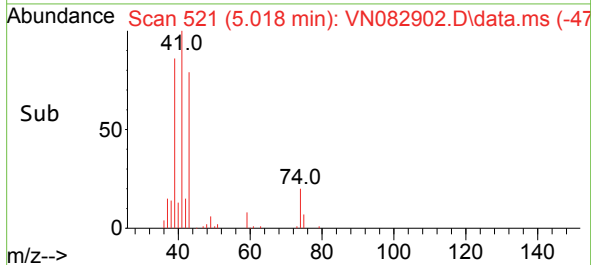
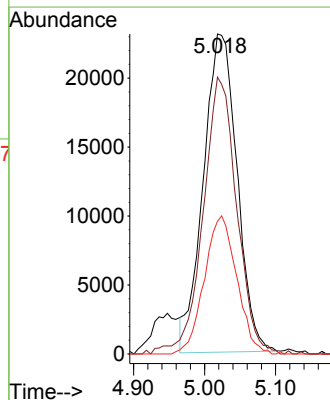
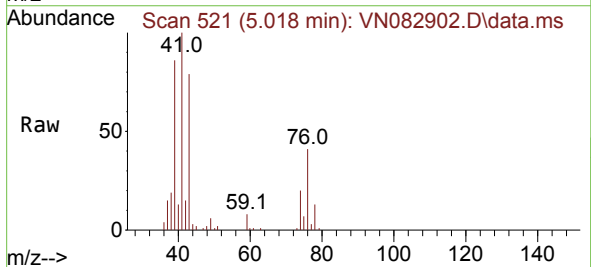
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

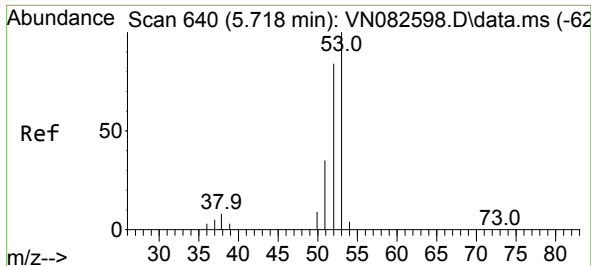
Tgt Ion: 56 Resp: 51064
Ion Ratio Lower Upper
56 100
55 71.1 56.4 84.6



#14
Allyl chloride
Concen: 46.670 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 41 Resp: 76224
Ion Ratio Lower Upper
41 100
39 86.5 67.8 101.6
76 41.7 25.8 38.8#

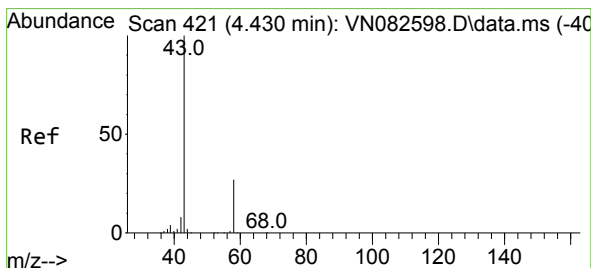
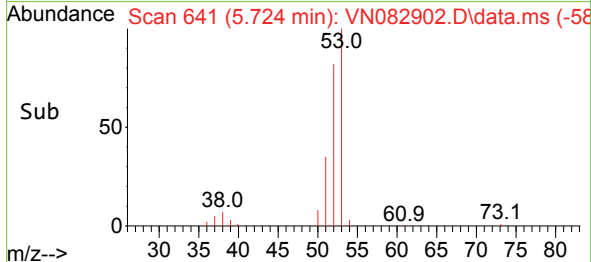
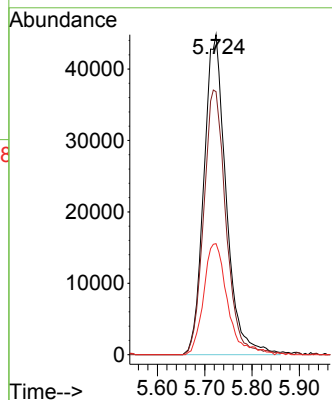
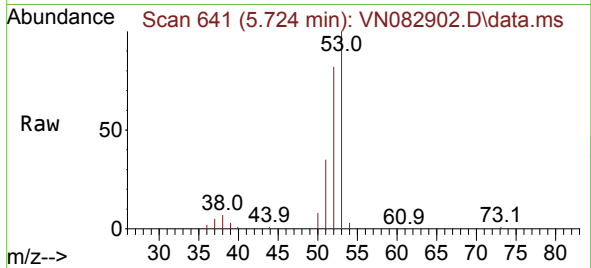




#15
Acrylonitrile
Concen: 262.065 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

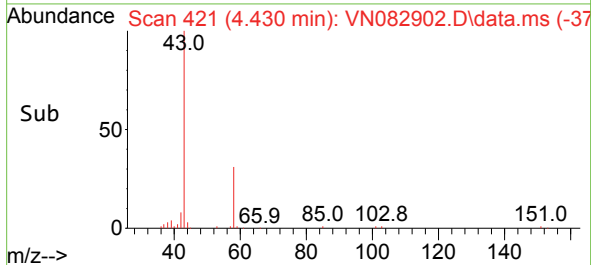
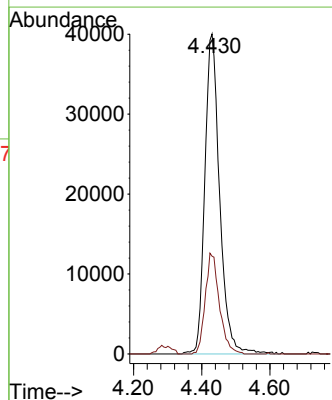
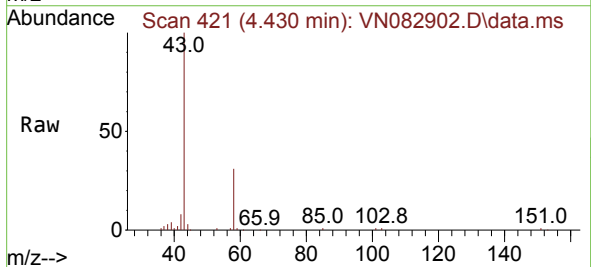
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

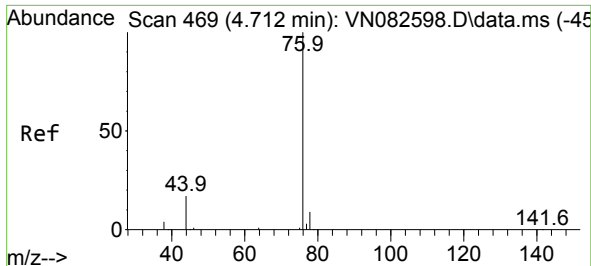
Tgt Ion: 53 Resp: 145708
Ion Ratio Lower Upper
53 100
52 83.2 66.6 100.0
51 37.5 30.1 45.1



#16
Acetone
Concen: 238.721 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 43 Resp: 120895
Ion Ratio Lower Upper
43 100
58 30.5 21.8 32.6

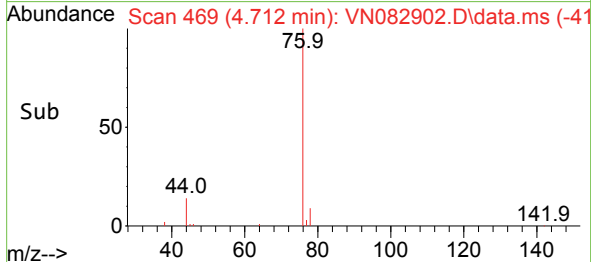
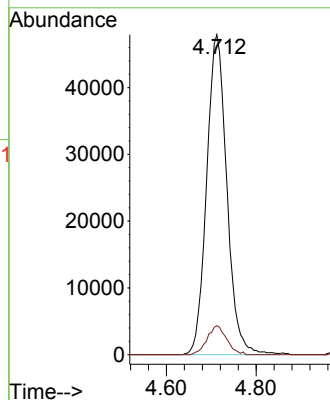
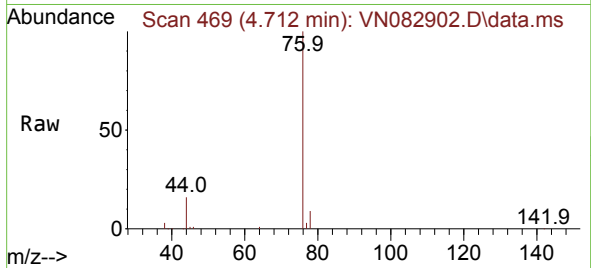




#17
Carbon Disulfide
Concen: 47.914 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

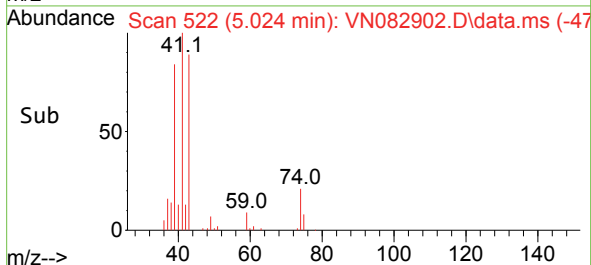
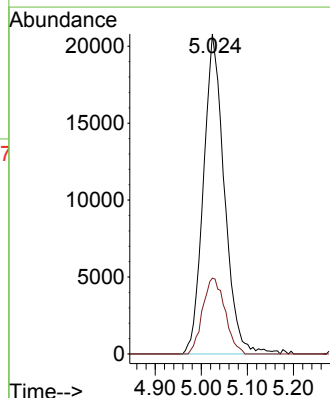
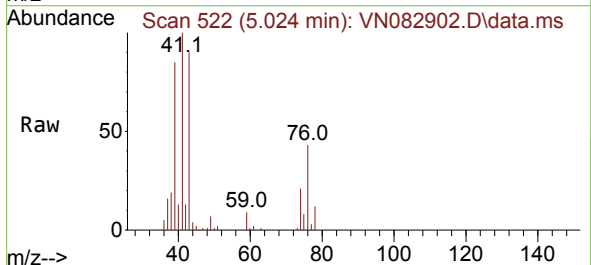
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

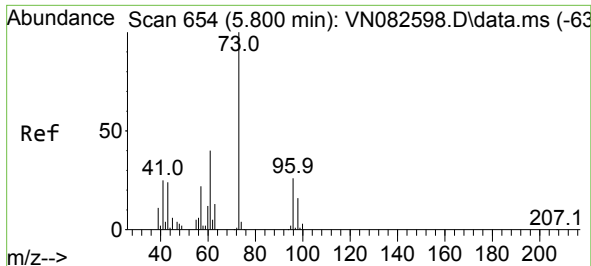
Tgt Ion: 76 Resp: 149976
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 49.096 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 43 Resp: 65791
Ion Ratio Lower Upper
43 100
74 25.3 16.3 24.5#

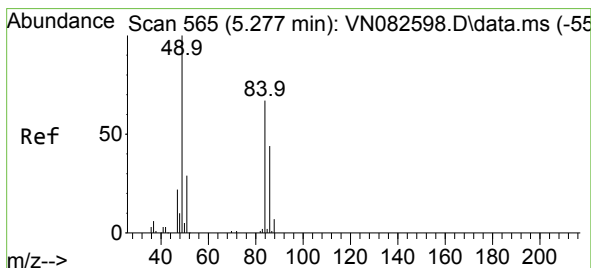
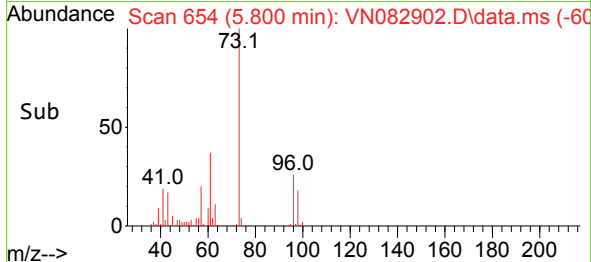
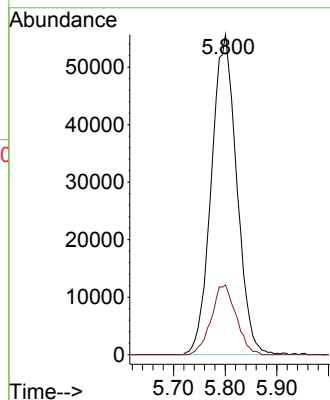
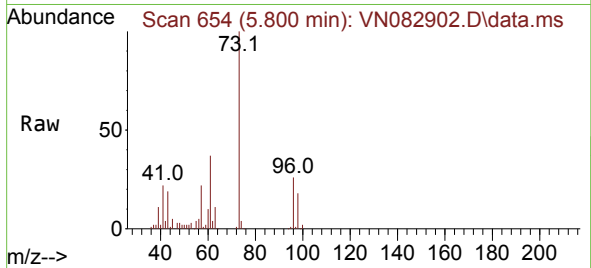




#19
Methyl tert-butyl Ether
Concen: 52.452 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

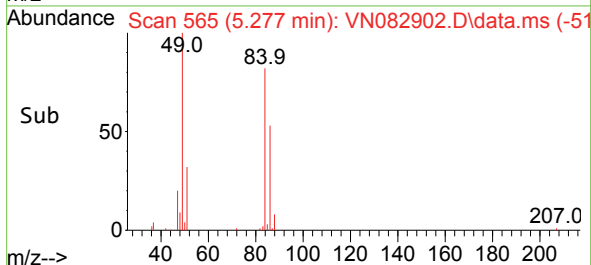
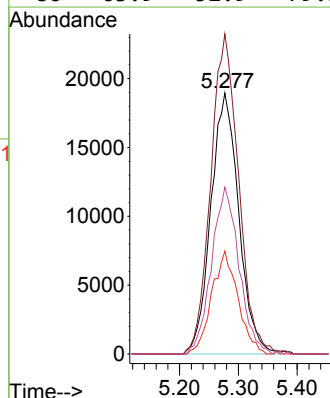
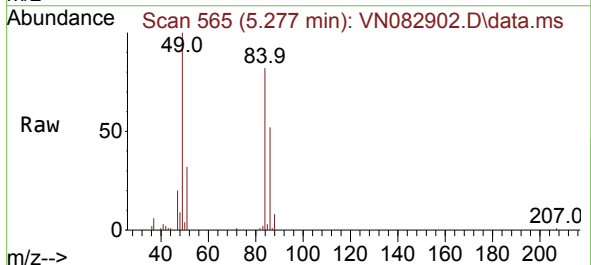
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

Tgt Ion: 73 Resp: 189529
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9



#20
Methylene Chloride
Concen: 51.042 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 84 Resp: 62426
Ion Ratio Lower Upper
84 100
49 122.6 119.6 179.4
51 39.4 34.8 52.2
86 63.9 52.9 79.3

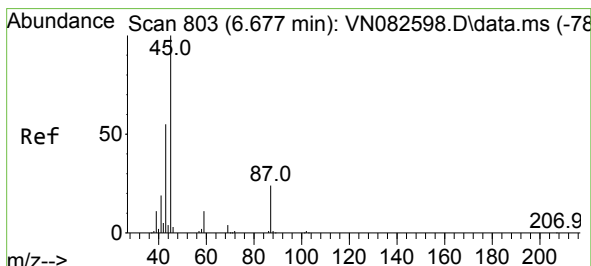
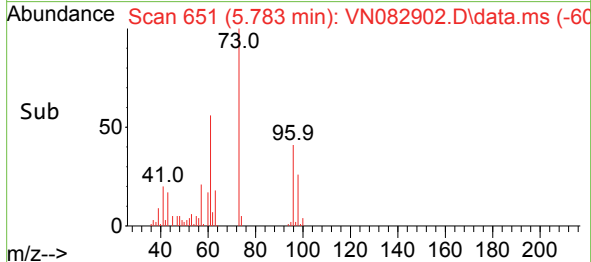
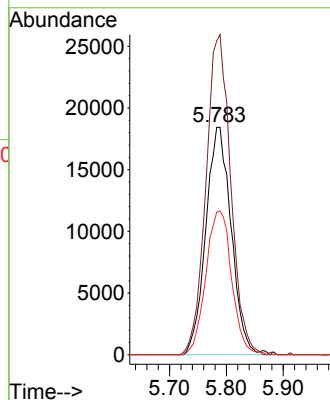
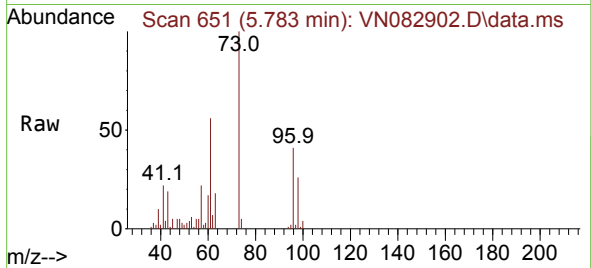




#21
trans-1,2-Dichloroethene
Concen: 50.520 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

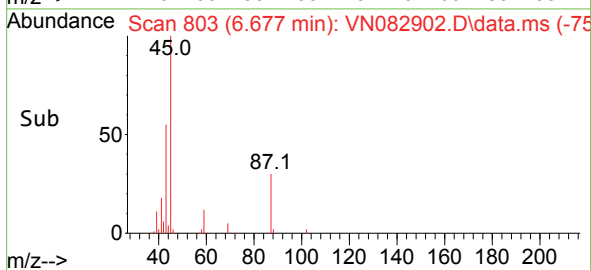
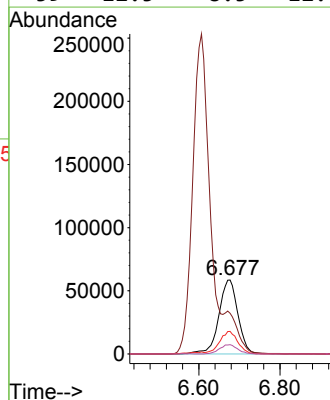
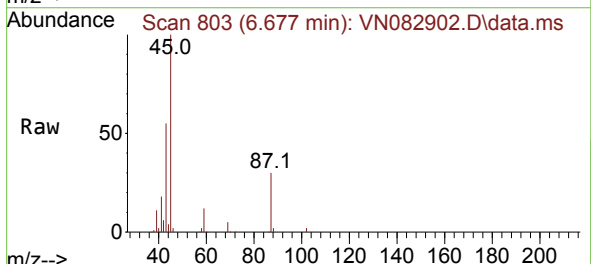
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

Tgt Ion: 96 Resp: 57340
Ion Ratio Lower Upper
96 100
61 137.9 123.4 185.2
98 62.7 49.3 73.9



#22
Diisopropyl ether
Concen: 56.043 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 45 Resp: 191494
Ion Ratio Lower Upper
45 100
43 54.4 44.0 66.0
87 30.5 19.7 29.5#
59 12.5 8.5 12.7

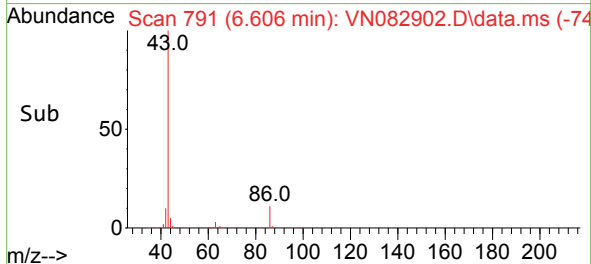
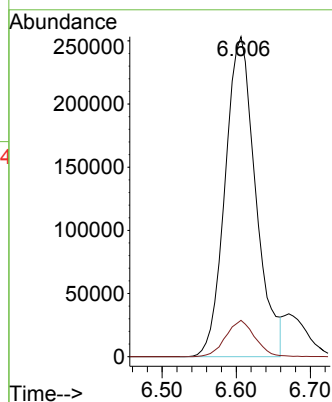
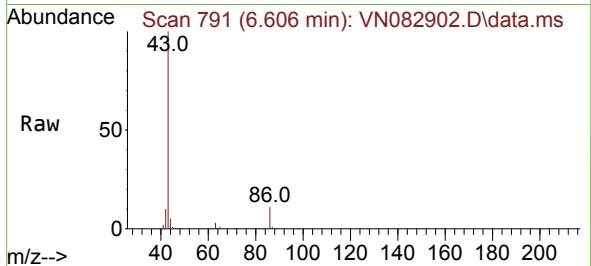




#23
 Vinyl Acetate
 Concen: 267.438 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082902.D
 Acq: 12 Jul 2024 16:16

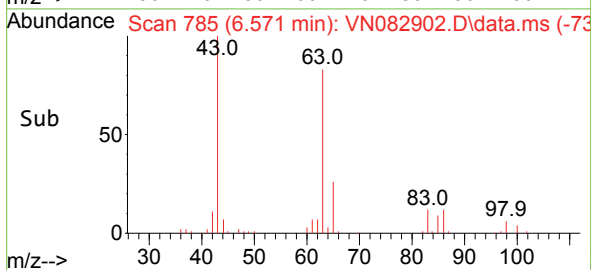
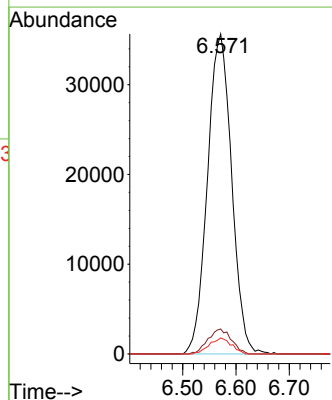
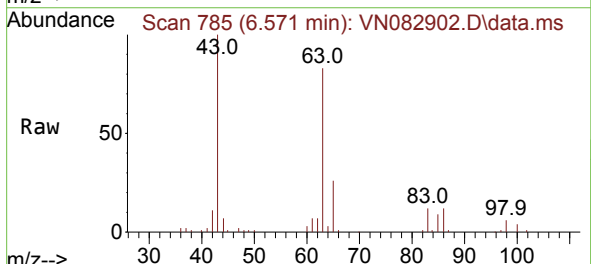
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-828-830MSD

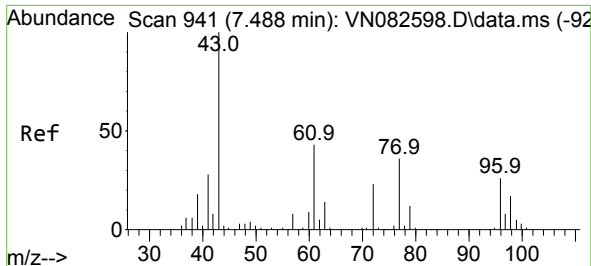
Tgt Ion: 43 Resp: 725691
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.3 10.9#



#24
 1,1-Dichloroethane
 Concen: 54.152 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082902.D
 Acq: 12 Jul 2024 16:16

Tgt Ion: 63 Resp: 112237
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.9
 100 5.0 2.0 6.0

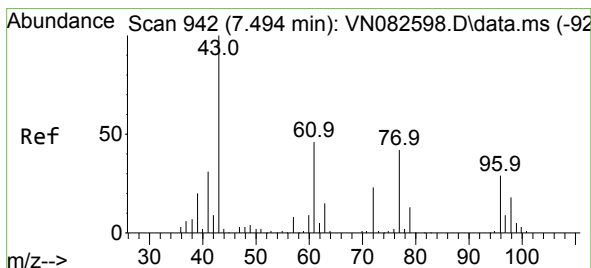
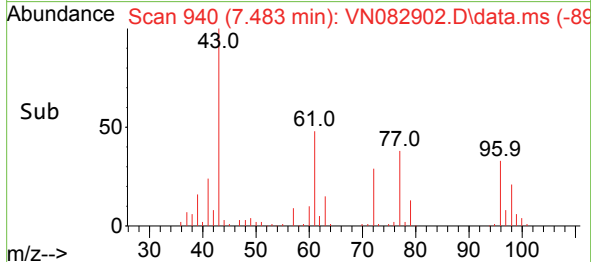
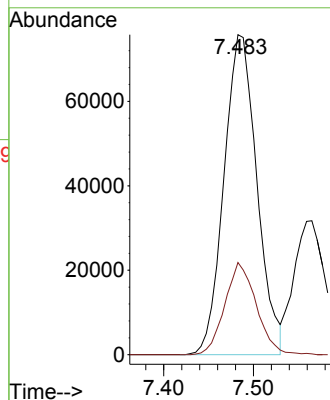
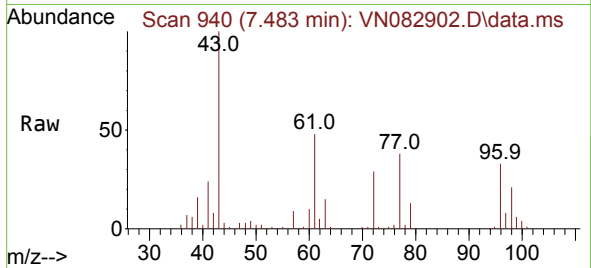




#25
2-Butanone
Concen: 252.959 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

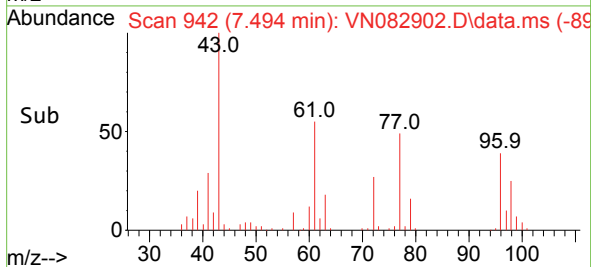
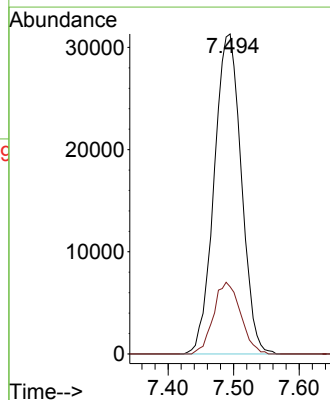
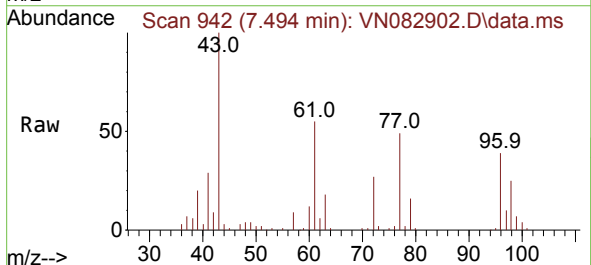
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

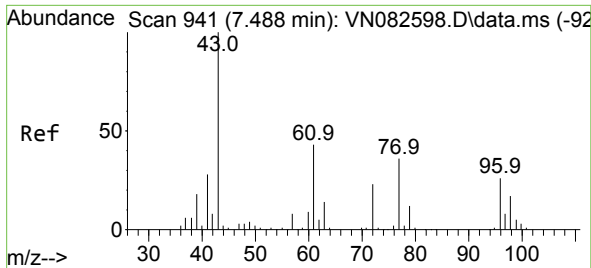
Tgt Ion: 43 Resp: 193432
Ion Ratio Lower Upper
43 100
72 28.8 18.2 27.2#



#26
2,2-Dichloropropane
Concen: 46.659 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 77 Resp: 89916
Ion Ratio Lower Upper
77 100
97 22.4 10.3 30.9

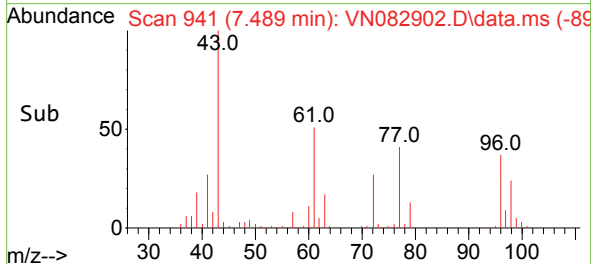
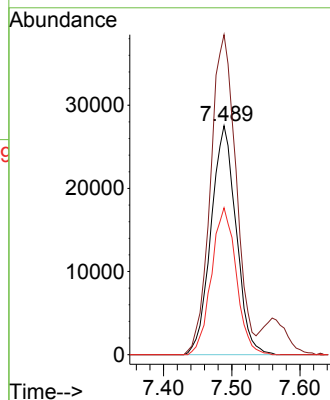
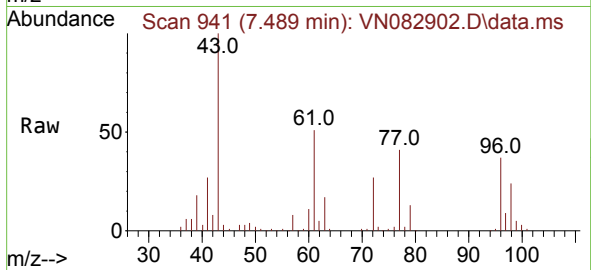




#27
 cis-1,2-Dichloroethene
 Concen: 53.186 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.001 min
 Lab File: VN082902.D
 Acq: 12 Jul 2024 16:16

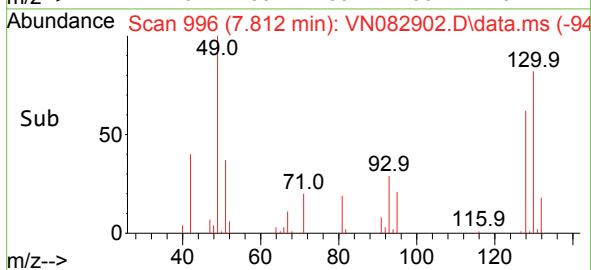
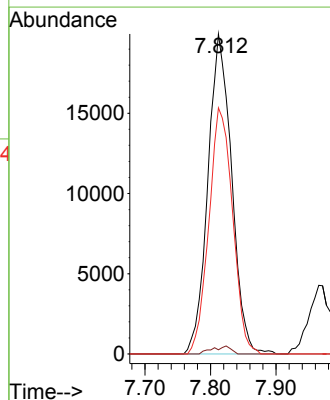
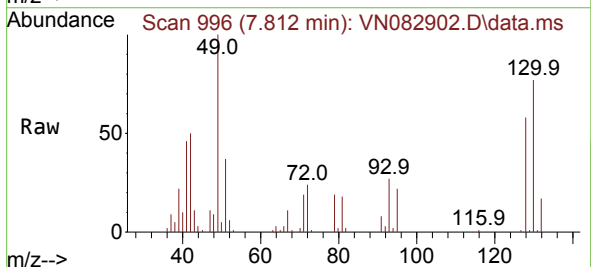
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-828-830MSD

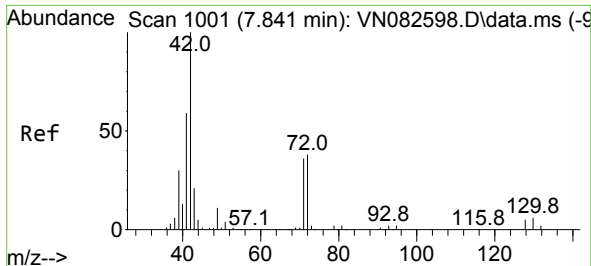
Tgt Ion: 96 Resp: 70674
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 329.6
 98 63.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 56.352 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082902.D
 Acq: 12 Jul 2024 16:16

Tgt Ion: 49 Resp: 50105
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 76.9 50.5 75.7#

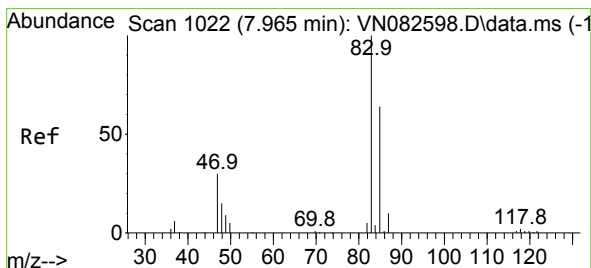
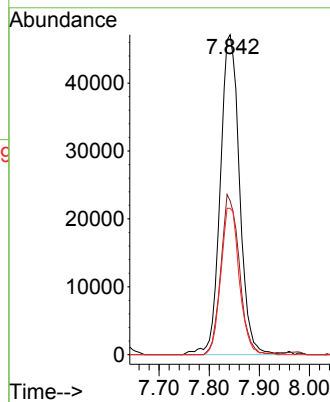
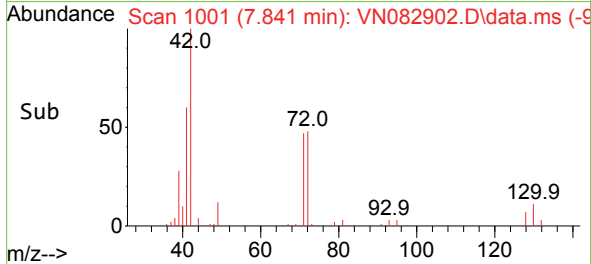
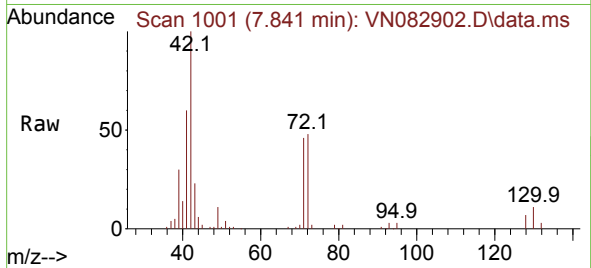




#29
Tetrahydrofuran
Concen: 261.366 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

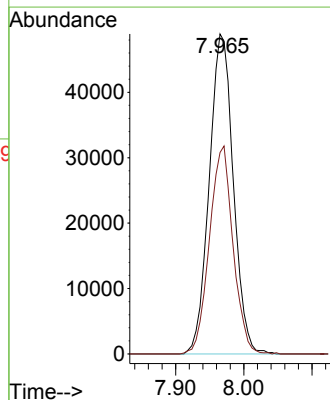
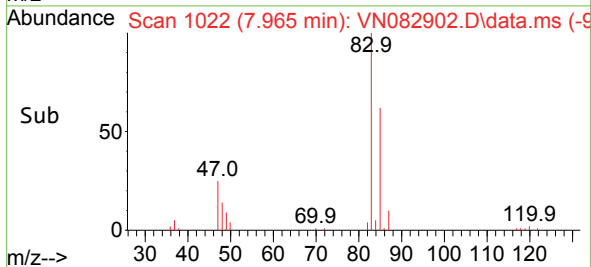
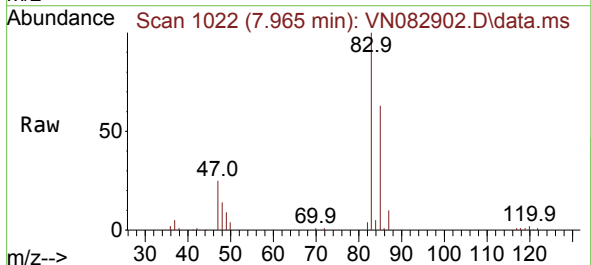
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

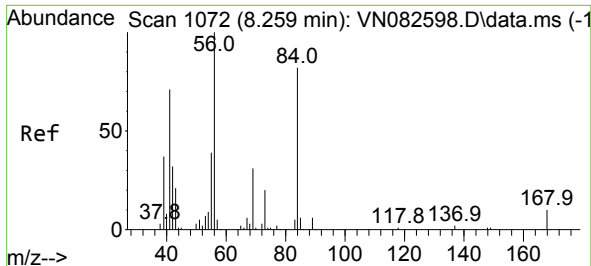
Tgt Ion: 42 Resp: 125823
Ion Ratio Lower Upper
42 100
72 47.9 30.0 45.0#
71 44.2 28.3 42.5#



#30
Chloroform
Concen: 54.607 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 83 Resp: 120070
Ion Ratio Lower Upper
83 100
85 62.9 50.9 76.3

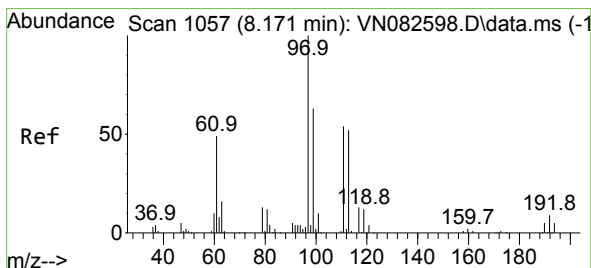
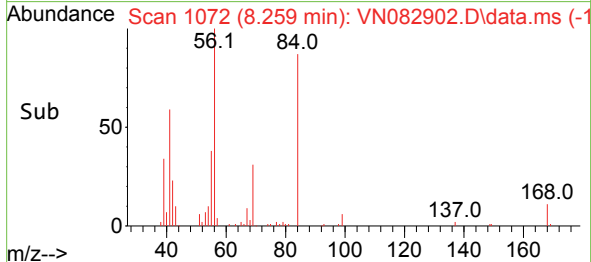
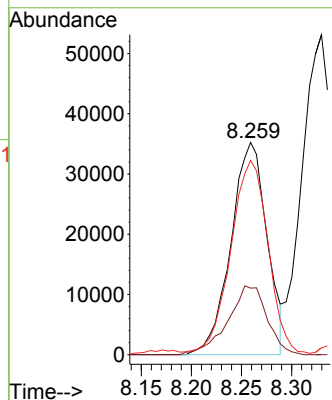
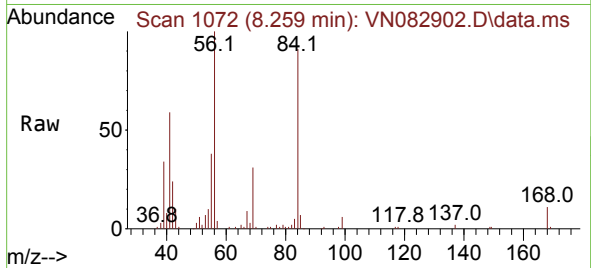




#31
Cyclohexane
Concen: 46.884 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

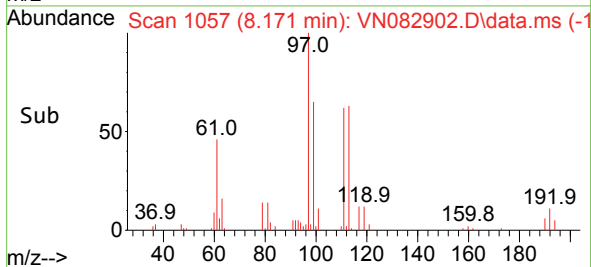
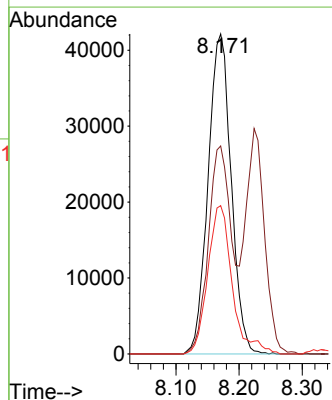
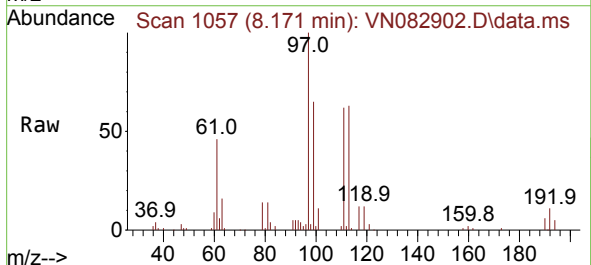
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

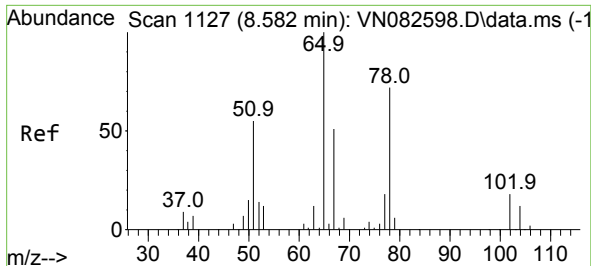
Tgt Ion: 56 Resp: 88168
Ion Ratio Lower Upper
56 100
69 31.4 24.5 36.7
84 90.3 66.0 99.0



#32
1,1,1-Trichloroethane
Concen: 52.366 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 97 Resp: 106903
Ion Ratio Lower Upper
97 100
99 66.4 52.0 78.0
61 49.2 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 56.005 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

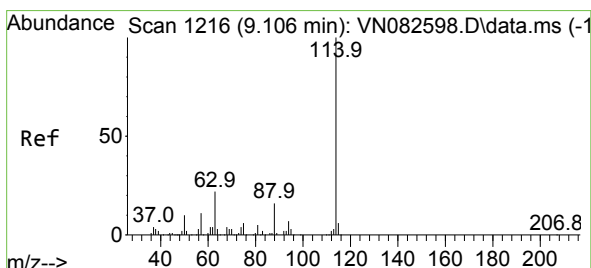
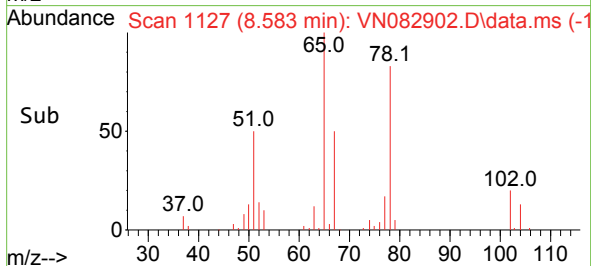
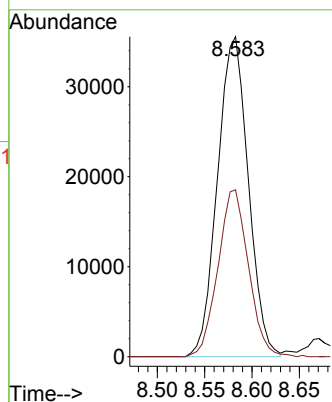
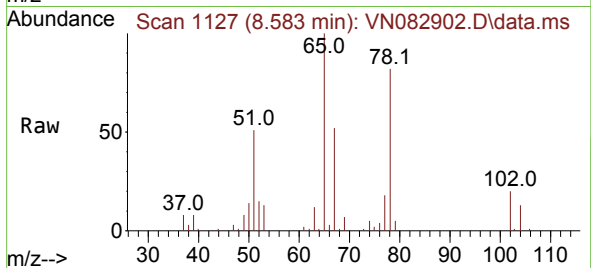
BP-VPB-189-GW-828-830MSD

Tgt Ion: 65 Resp: 80558

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

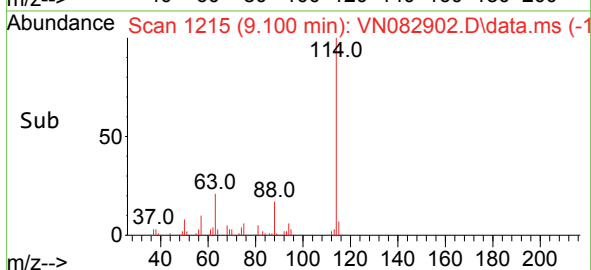
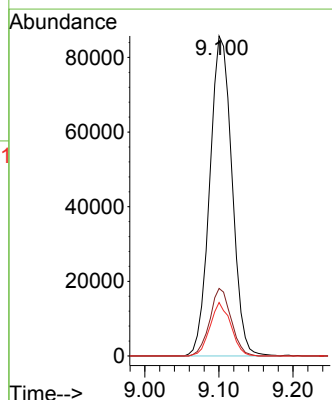
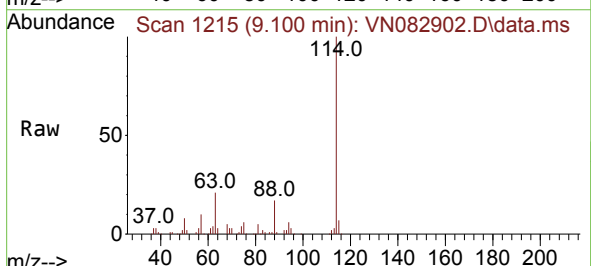
Tgt Ion: 114 Resp: 178401

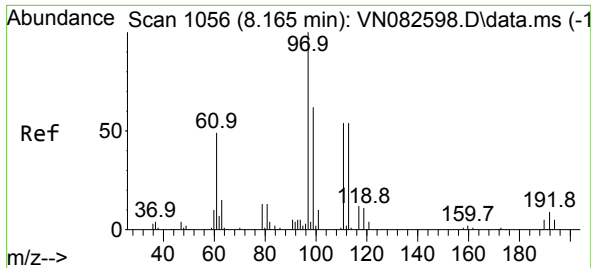
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.6

88 16.7 0.0 31.4

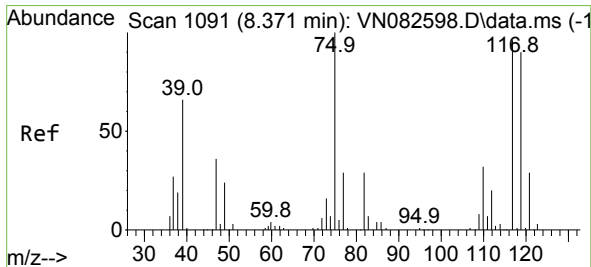
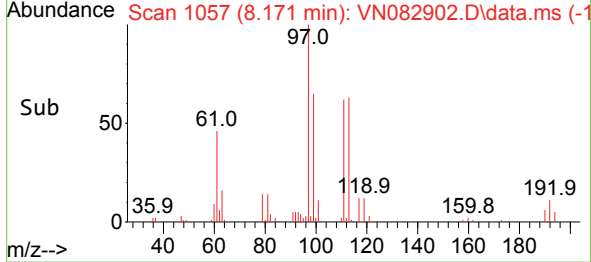
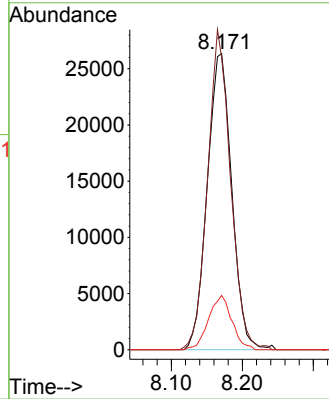
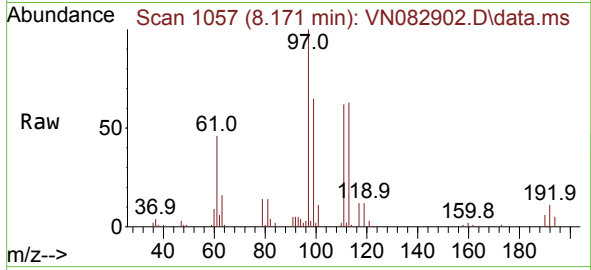




#35
Dibromofluoromethane
Concen: 55.196 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

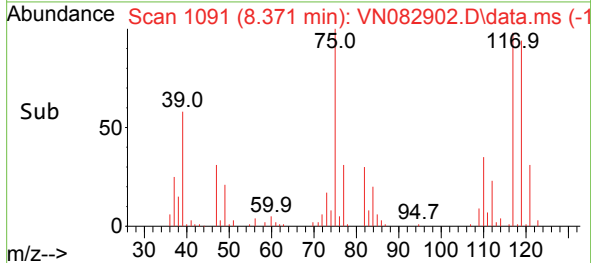
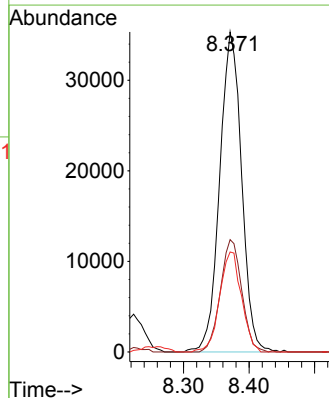
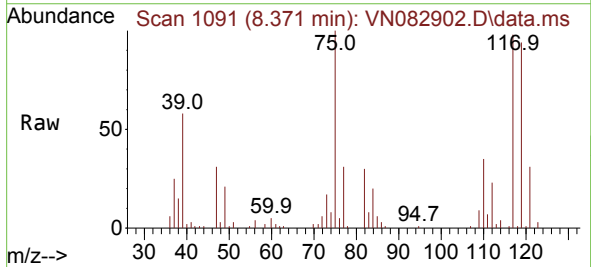
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

Tgt Ion:113 Resp: 63186
Ion Ratio Lower Upper
113 100
111 101.4 82.4 123.6
192 17.4 14.9 22.3



#36
1,1-Dichloropropene
Concen: 51.859 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 75 Resp: 81850
Ion Ratio Lower Upper
75 100
110 34.3 16.3 48.9
77 31.2 24.6 37.0

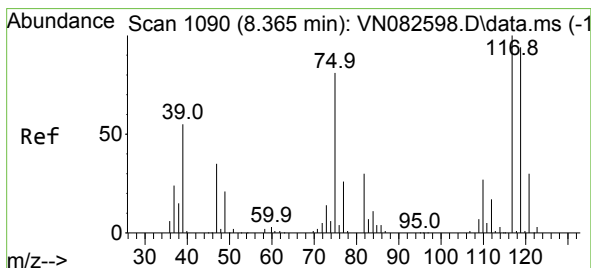
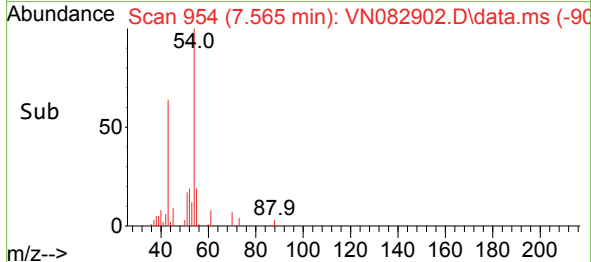
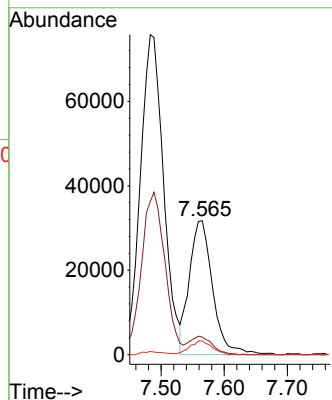
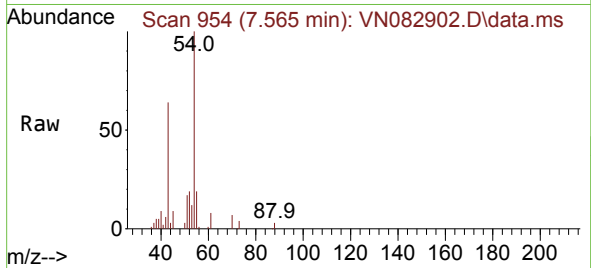




#37
Ethyl Acetate
Concen: 50.736 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

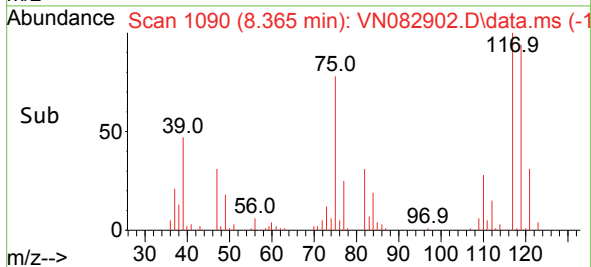
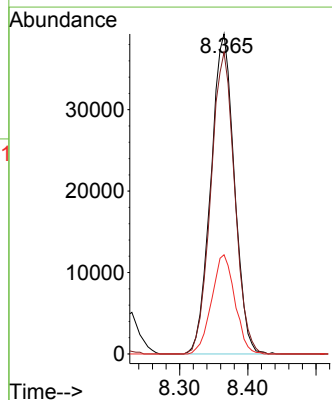
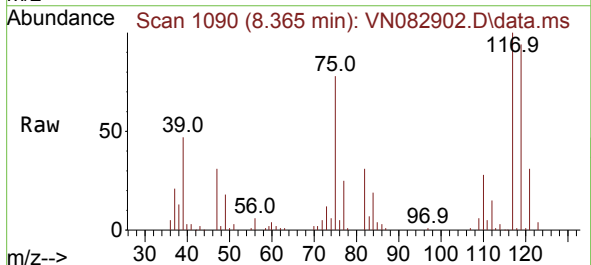
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

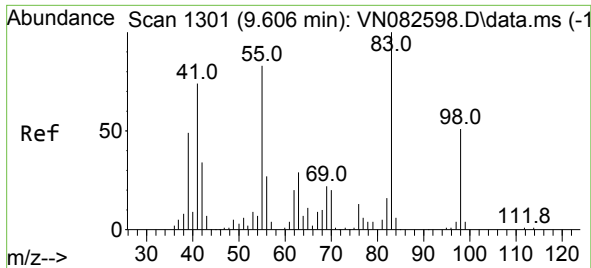
Tgt Ion:	43	Resp:	81527
Ion	Ratio	Lower	Upper
43	100		
61	13.5	9.3	13.9
70	9.8	7.0	10.6



#38
Carbon Tetrachloride
Concen: 49.653 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion:	117	Resp:	94357
Ion	Ratio	Lower	Upper
117	100		
119	94.2	74.9	112.3
121	31.0	24.3	36.5

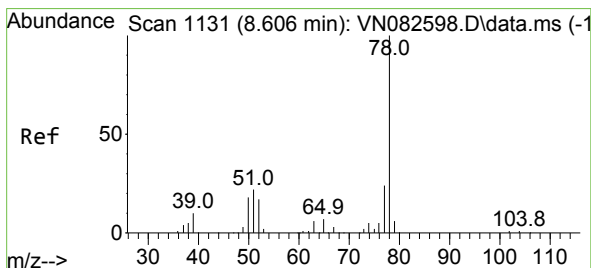
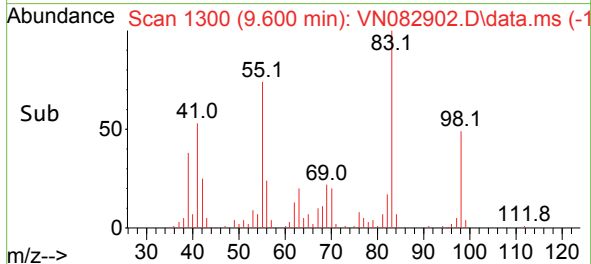
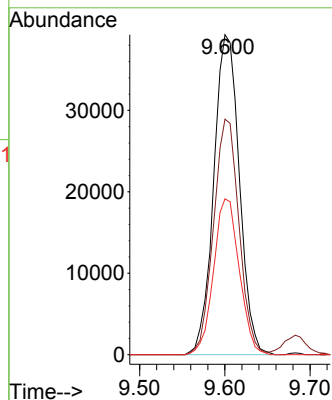
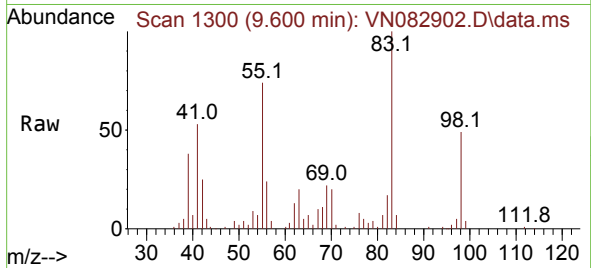




#39
Methylcyclohexane
Concen: 48.236 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

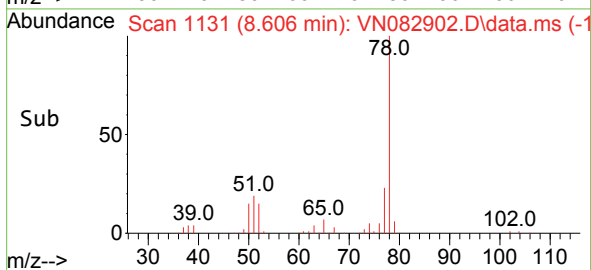
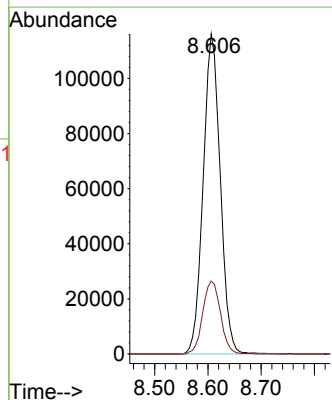
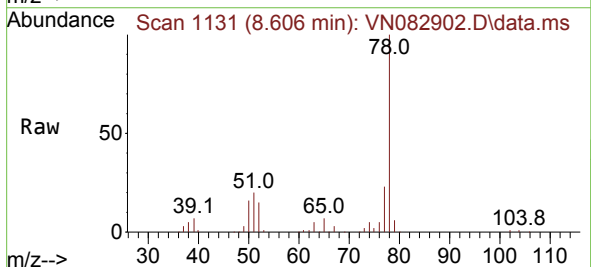
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

Tgt Ion: 83 Resp: 82236
Ion Ratio Lower Upper
83 100
55 73.6 66.4 99.6
98 48.7 40.7 61.1



#40
Benzene
Concen: 53.243 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 78 Resp: 258493
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4

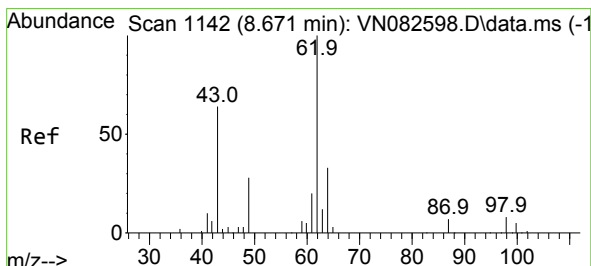
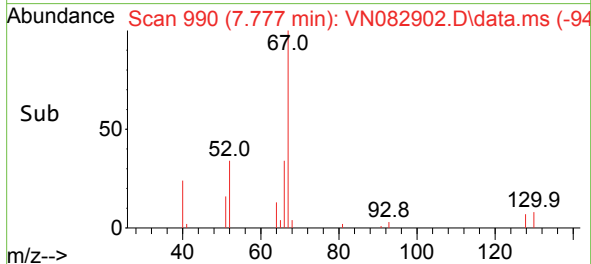
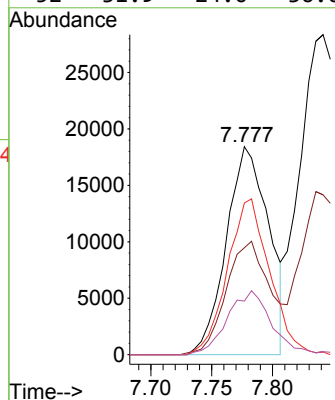
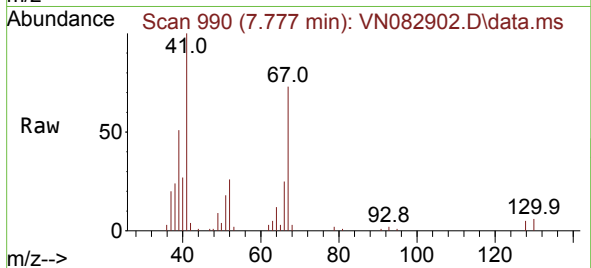




#41
Methacrylonitrile
Concen: 51.709 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

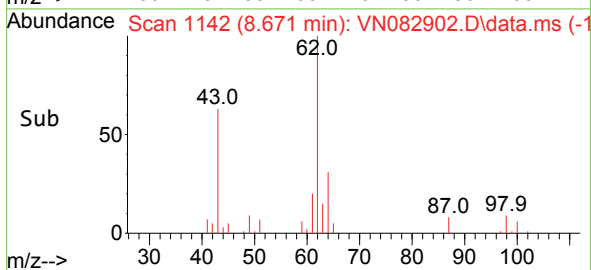
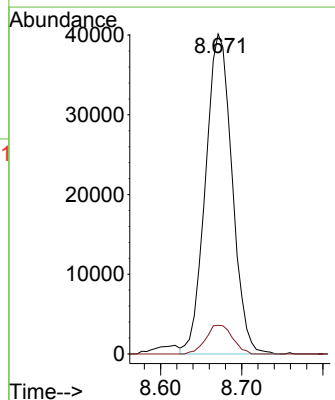
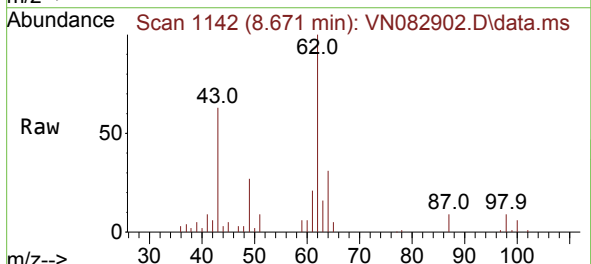
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

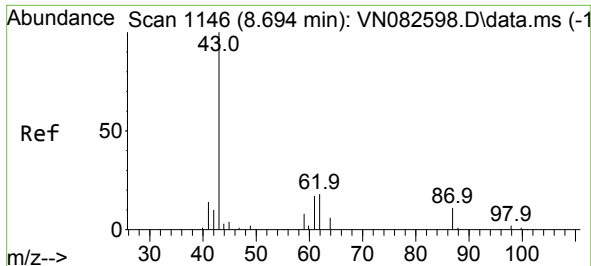
Tgt Ion:	41	Resp:	44764
Ion	Ratio	Lower	Upper
41	100		
39	58.5	45.5	68.3
67	74.6	50.5	75.7
52	31.9	24.0	36.0



#42
1,2-Dichloroethane
Concen: 52.268 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion:	62	Resp:	91352
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	15.8

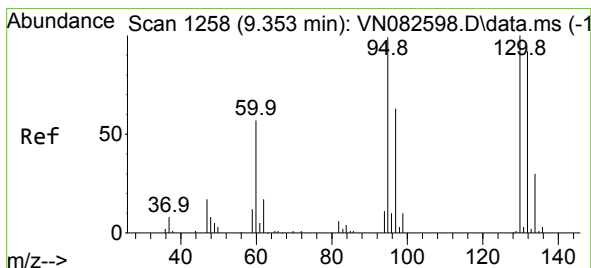
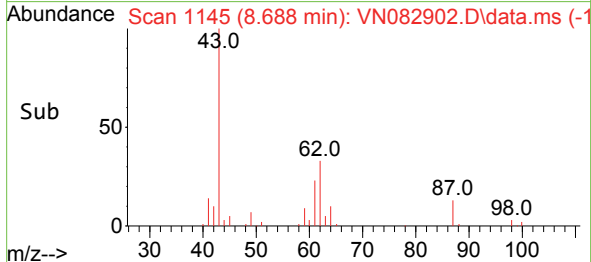
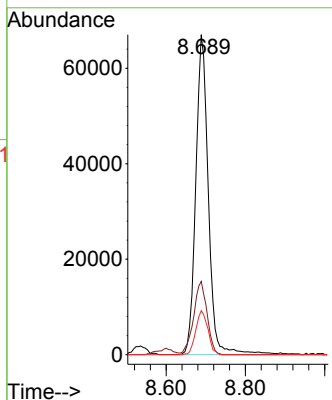
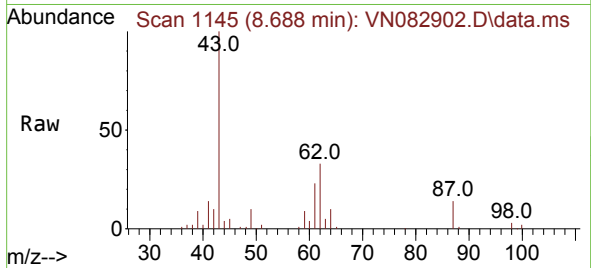




#43
Isopropyl Acetate
Concen: 48.507 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

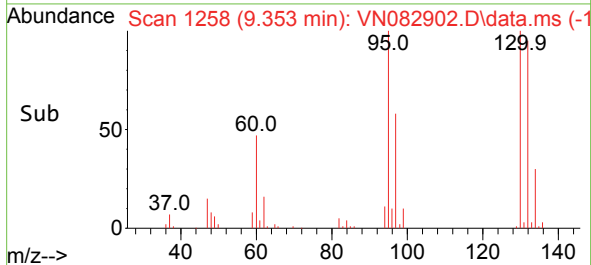
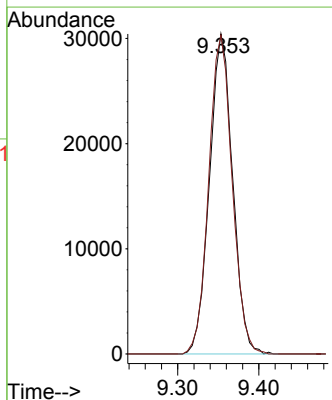
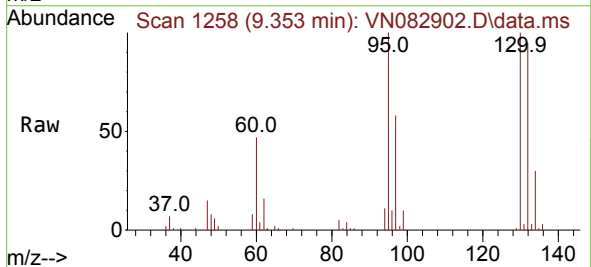
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

Tgt Ion: 43 Resp: 147240
Ion Ratio Lower Upper
43 100
61 24.5 17.8 26.6
87 13.2 8.2 12.2#



#44
Trichloroethene
Concen: 48.564 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion:130 Resp: 60405
Ion Ratio Lower Upper
130 100
95 99.5 0.0 197.8





#45

1,2-Dichloropropane

Concen: 56.183 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

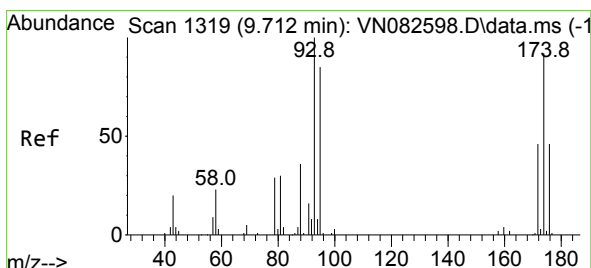
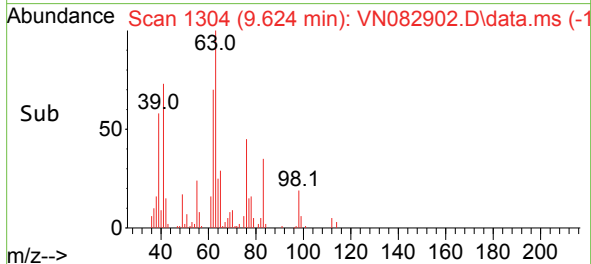
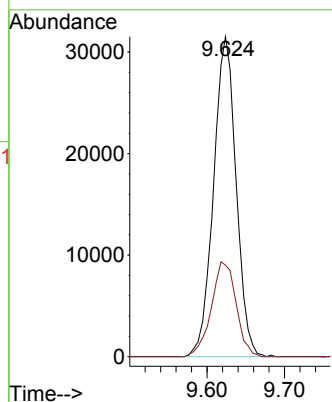
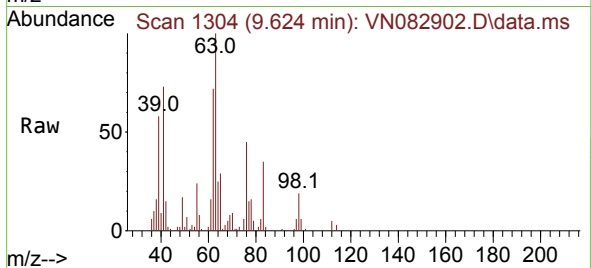
BP-VPB-189-GW-828-830MSD

Tgt Ion: 63 Resp: 63681

Ion Ratio Lower Upper

63 100

65 28.6 24.4 36.6



#46

Dibromomethane

Concen: 52.528 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

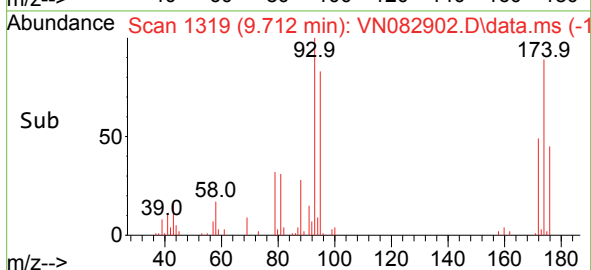
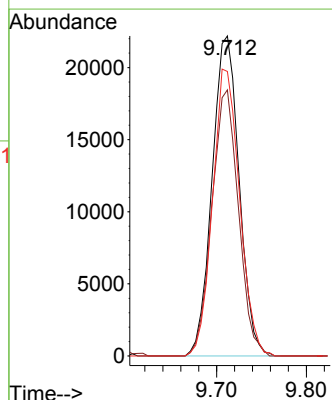
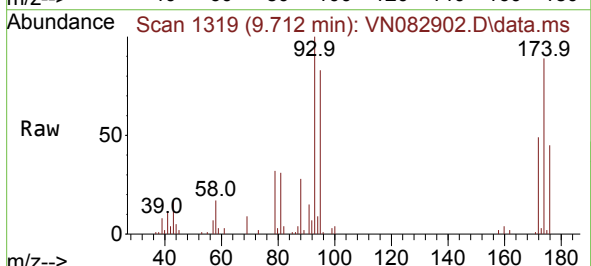
Tgt Ion: 93 Resp: 46383

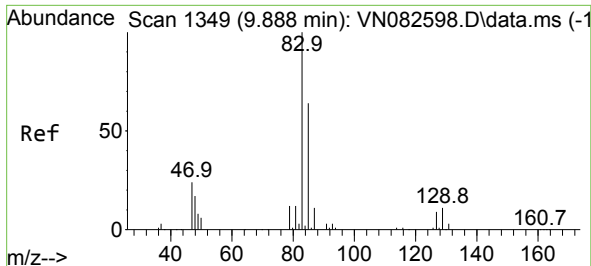
Ion Ratio Lower Upper

93 100

95 81.7 65.8 98.6

174 89.7 71.7 107.5

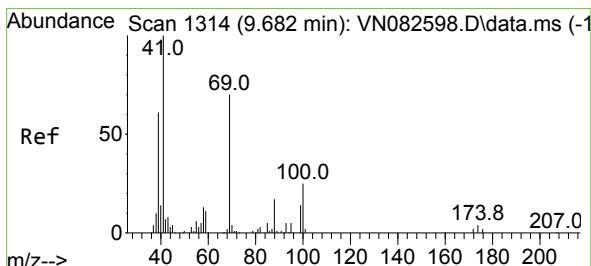
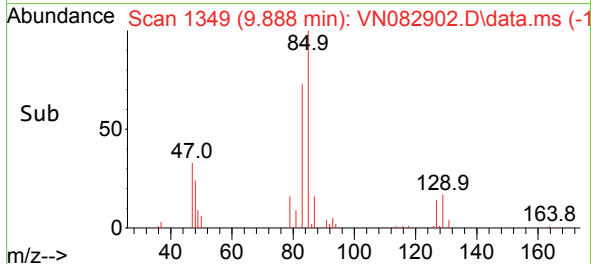
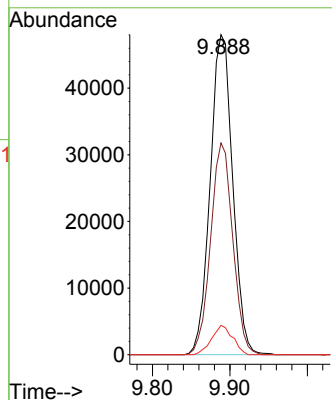
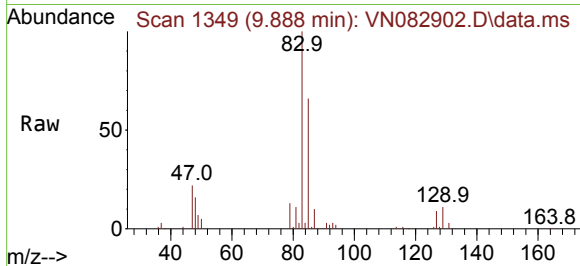




#47
Bromodichloromethane
Concen: 53.181 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

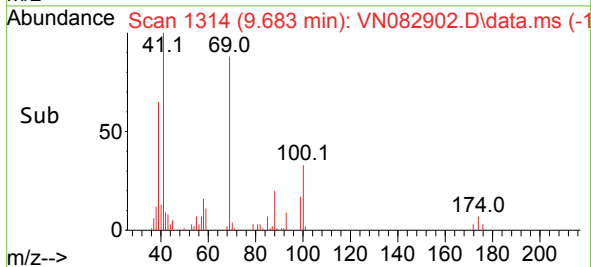
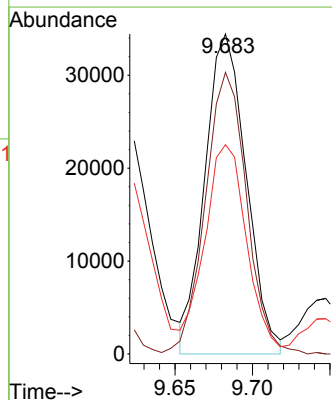
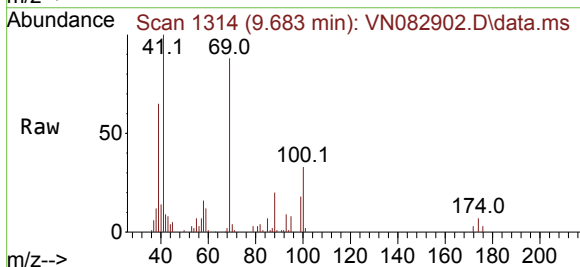
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

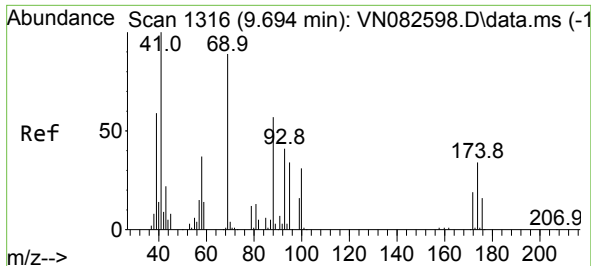
Tgt Ion:	83	Resp:	97029
Ion Ratio	Lower	Upper	
83	100		
85	66.1	51.1	76.7
127	9.2	7.2	10.8



#48
Methyl methacrylate
Concen: 50.698 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.001 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion:	41	Resp:	63878
Ion Ratio	Lower	Upper	
41	100		
69	88.0	56.3	84.5#
39	66.4	50.3	75.5

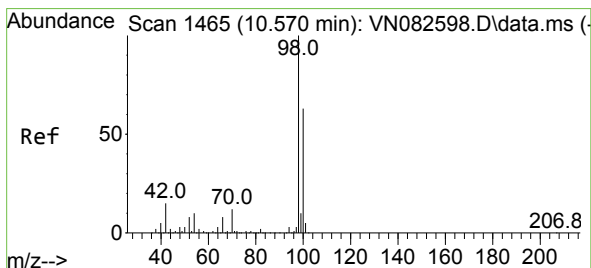
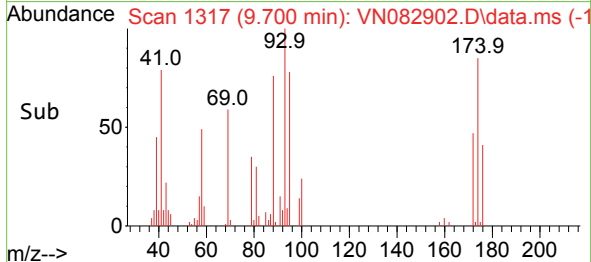
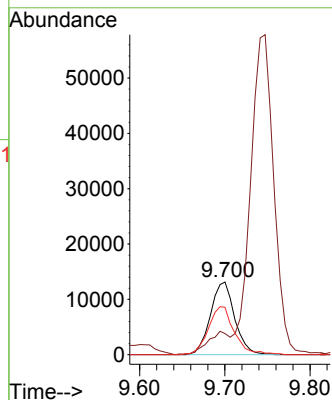
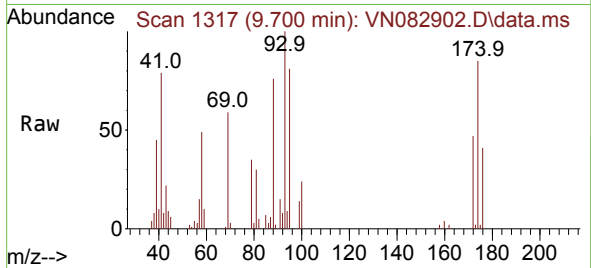




#49
1,4-Dioxane
Concen: 943.307 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

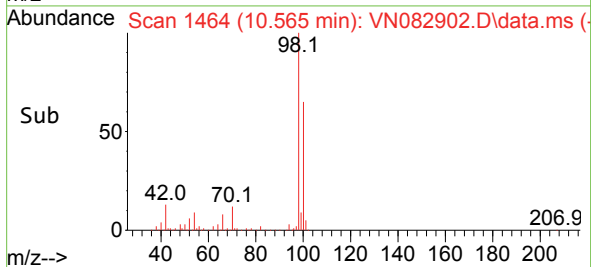
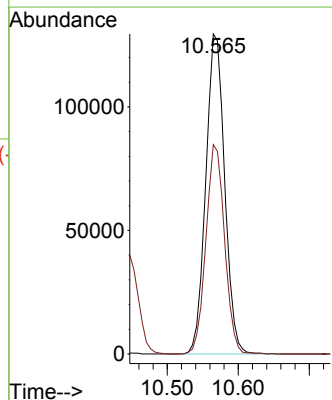
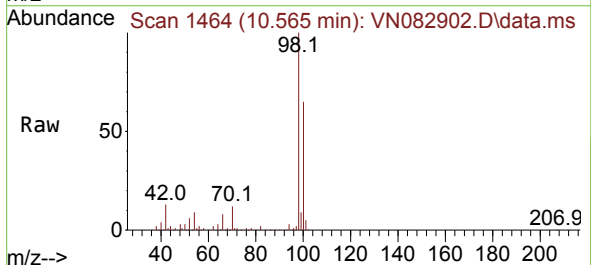
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

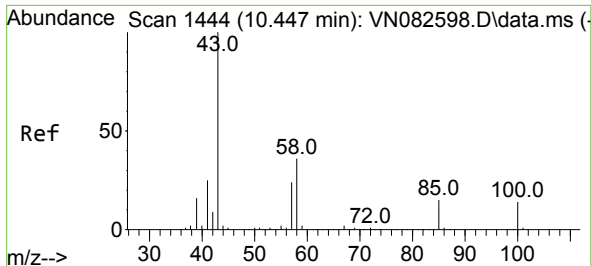
Tgt Ion: 88 Resp: 25888
Ion Ratio Lower Upper
88 100
43 28.8 27.8 41.8
58 71.0 59.4 89.0



#50
Toluene-d8
Concen: 56.589 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 98 Resp: 239266
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3

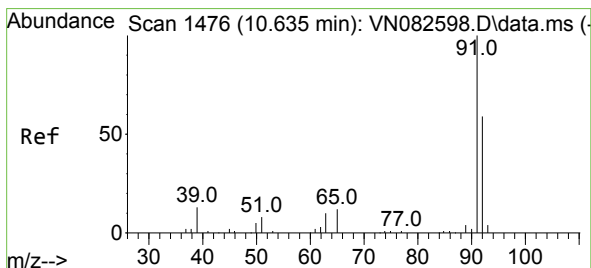
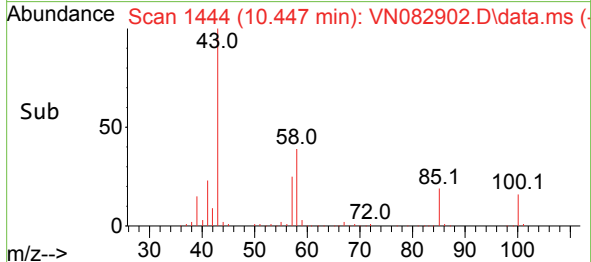
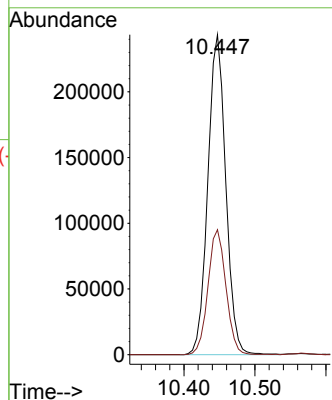
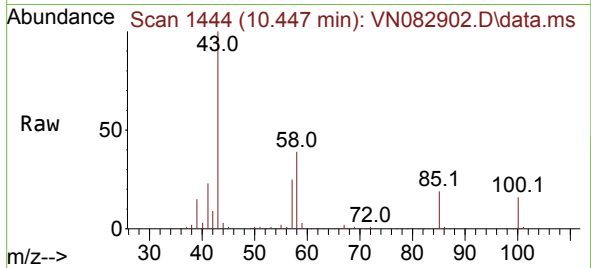




#51
4-Methyl-2-Pentanone
Concen: 268.039 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

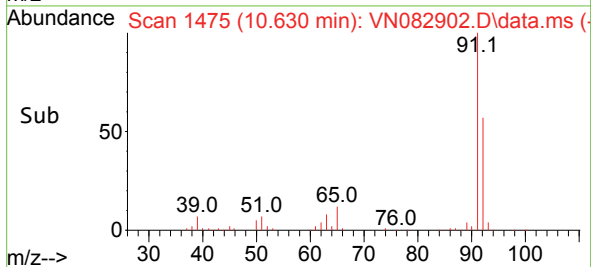
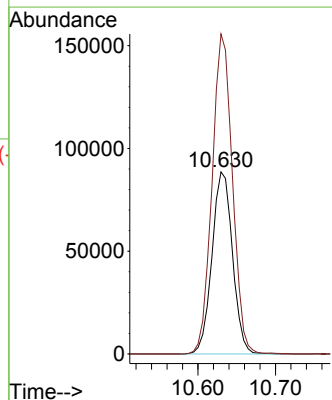
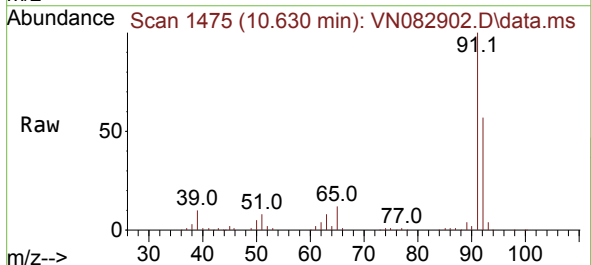
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

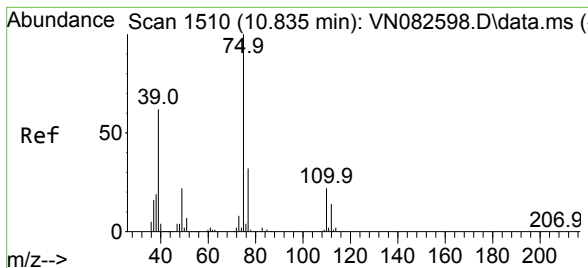
Tgt Ion: 43 Resp: 426991
Ion Ratio Lower Upper
43 100
58 39.2 28.2 42.4



#52
Toluene
Concen: 53.706 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.005 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 92 Resp: 162877
Ion Ratio Lower Upper
92 100
91 174.6 139.4 209.0

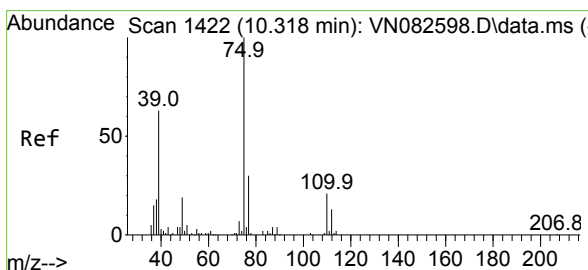
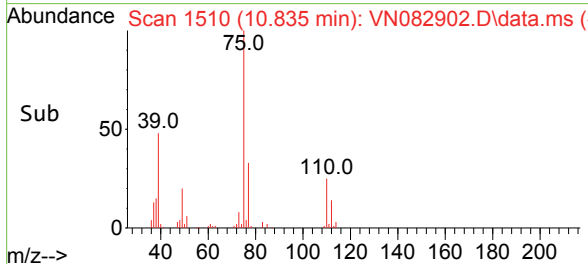
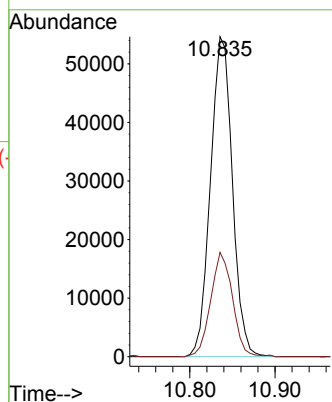
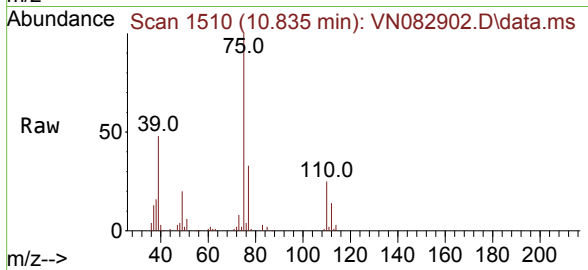




#53
 t-1,3-Dichloropropene
 Concen: 51.971 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN082902.D
 Acq: 12 Jul 2024 16:16

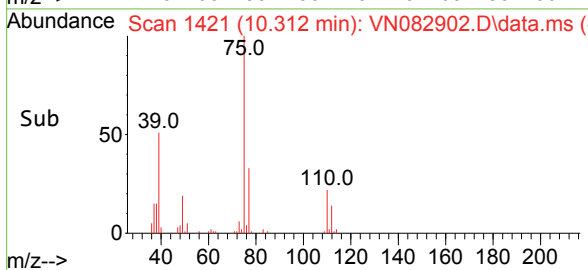
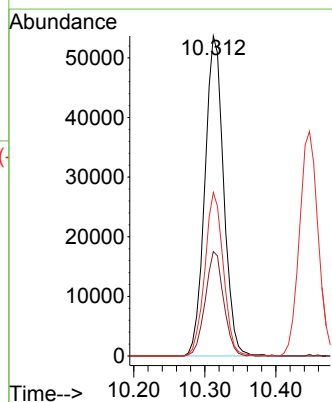
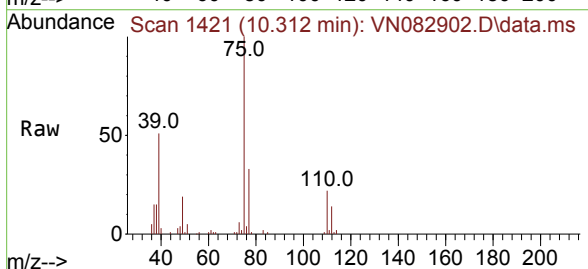
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-828-830MSD

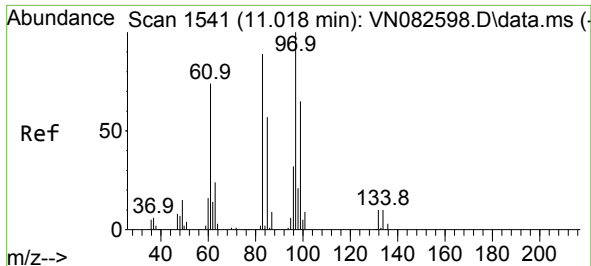
Tgt Ion: 75 Resp: 97683
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 49.708 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN082902.D
 Acq: 12 Jul 2024 16:16

Tgt Ion: 75 Resp: 98894
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.3 36.5
 39 51.1 50.5 75.7

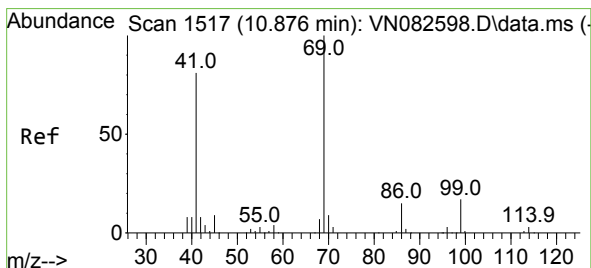
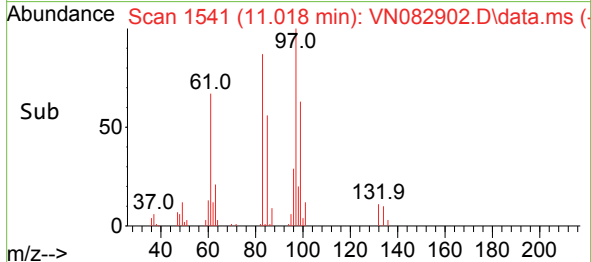
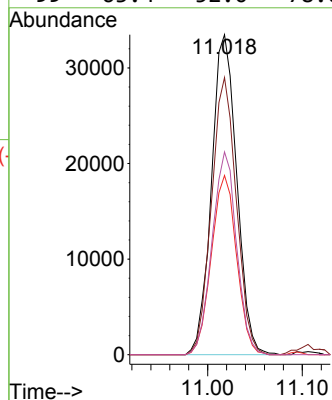
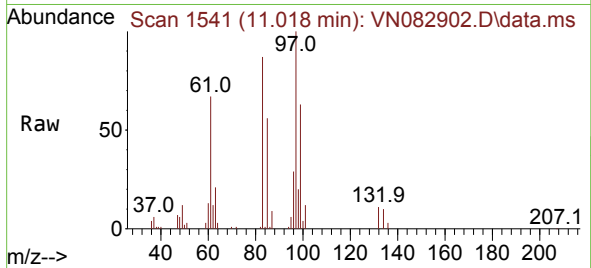




#55
1,1,2-Trichloroethane
Concen: 55.496 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

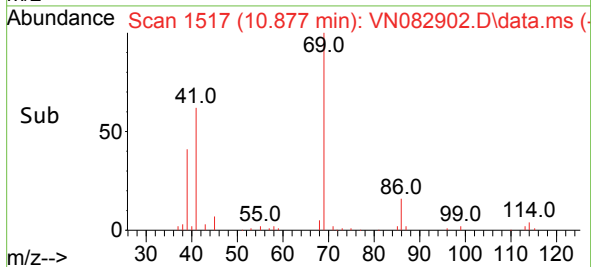
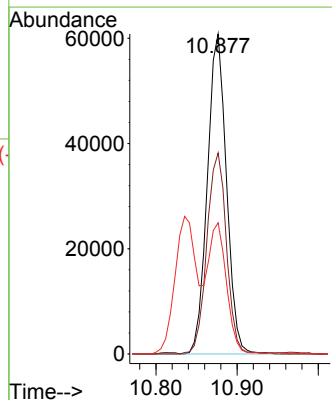
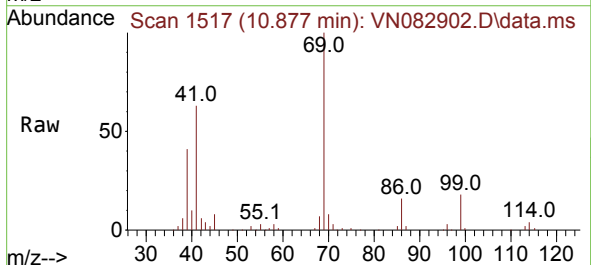
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

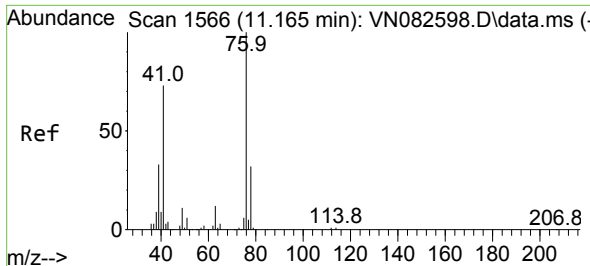
Tgt Ion:	97	Resp:	61889
Ion	Ratio	Lower	Upper
97	100		
83	86.6	71.4	107.0
85	56.0	45.8	68.6
99	63.4	52.0	78.0



#56
Ethyl methacrylate
Concen: 57.244 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion:	69	Resp:	99320
Ion	Ratio	Lower	Upper
69	100		
41	64.5	63.4	95.2
39	37.2	37.4	56.0





#57

1,3-Dichloropropane

Concen: 54.528 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

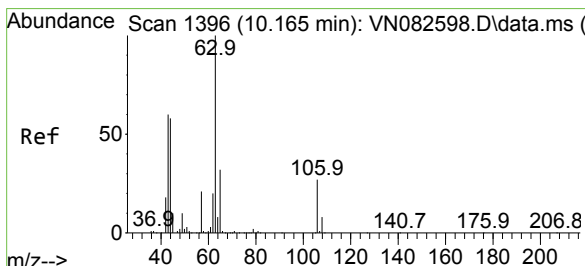
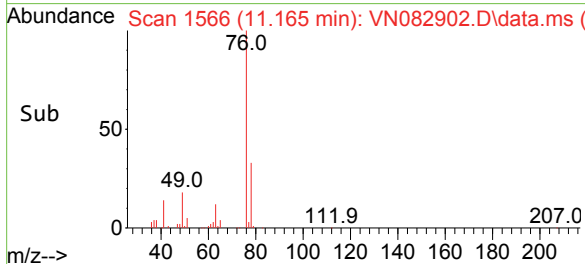
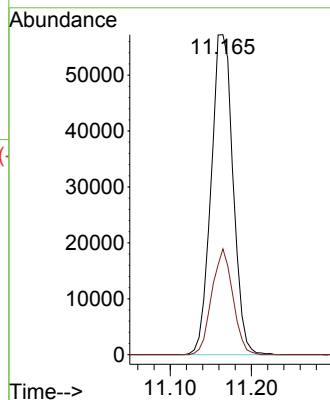
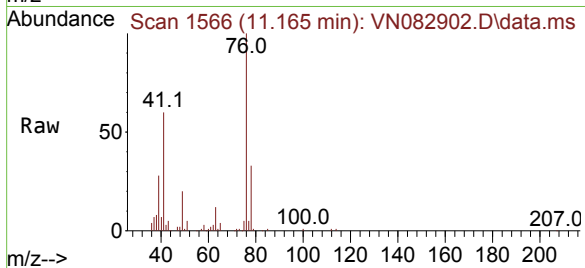
BP-VPB-189-GW-828-830MSD

Tgt Ion: 76 Resp: 107640

Ion Ratio Lower Upper

76 100

78 31.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 0.796 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.147 min

Lab File: VN082902.D

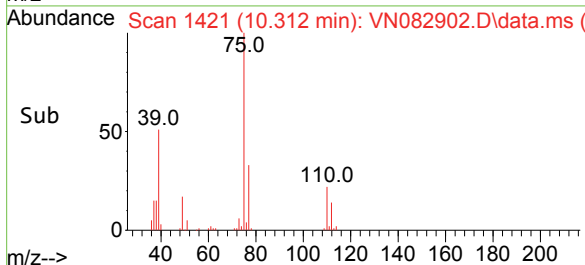
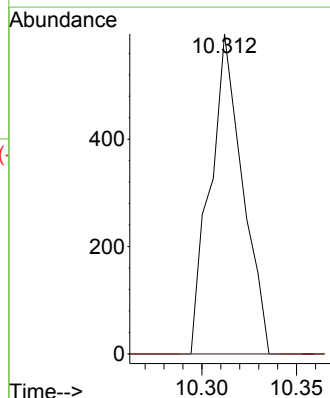
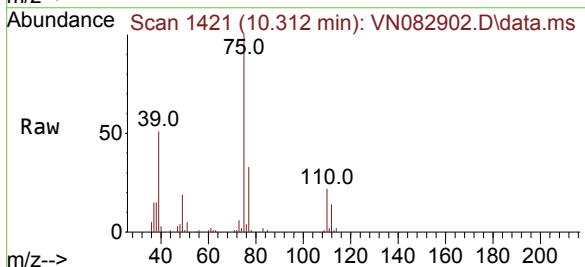
Acq: 12 Jul 2024 16:16

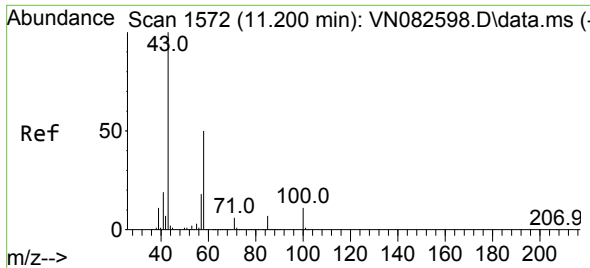
Tgt Ion: 63 Resp: 709

Ion Ratio Lower Upper

63 100

106 0.0 21.4 32.0#

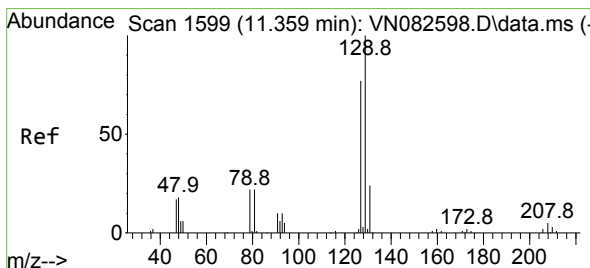
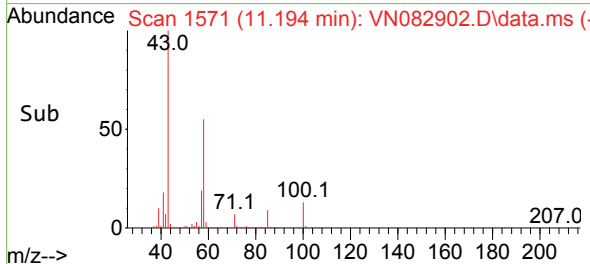
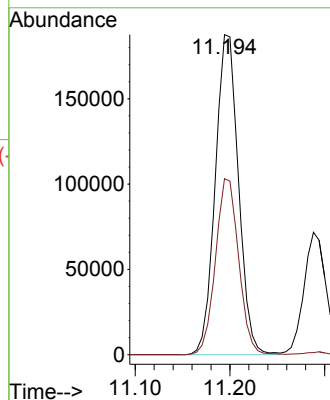
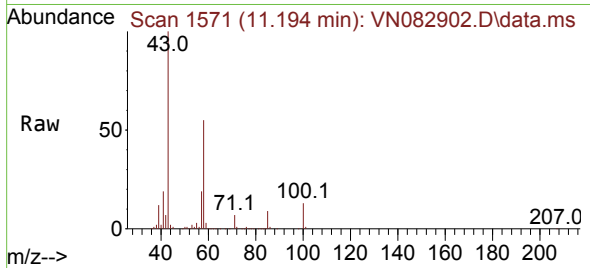




#59
2-Hexanone
Concen: 270.057 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

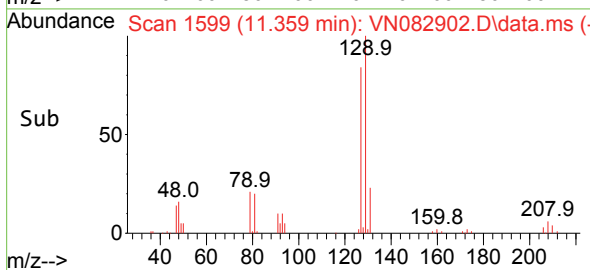
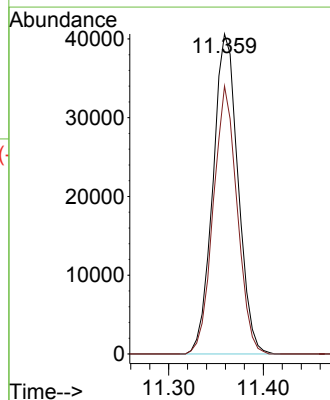
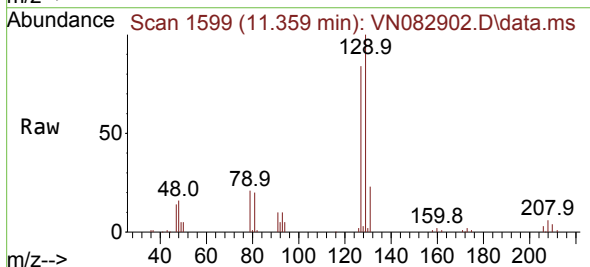
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

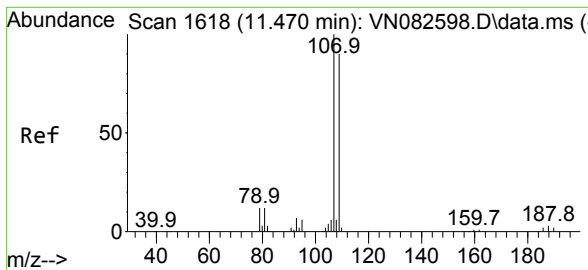
Tgt Ion: 43 Resp: 319851
Ion Ratio Lower Upper
43 100
58 54.9 24.6 73.8



#60
Dibromochloromethane
Concen: 52.632 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 129 Resp: 74759
Ion Ratio Lower Upper
129 100
127 79.6 39.2 117.6

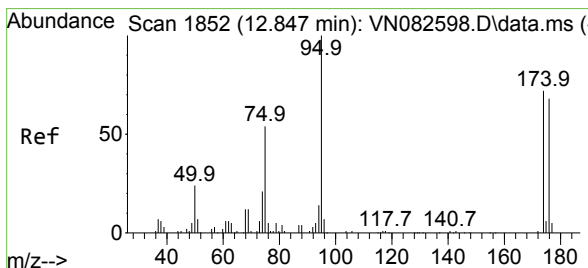
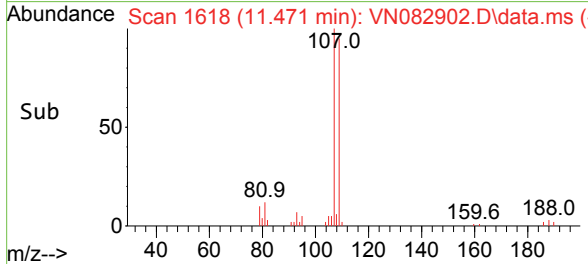
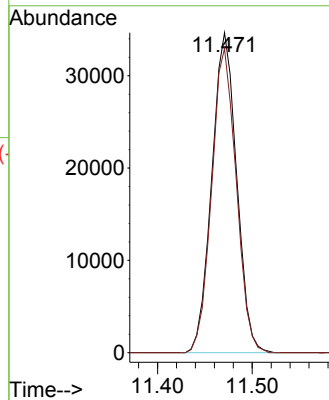
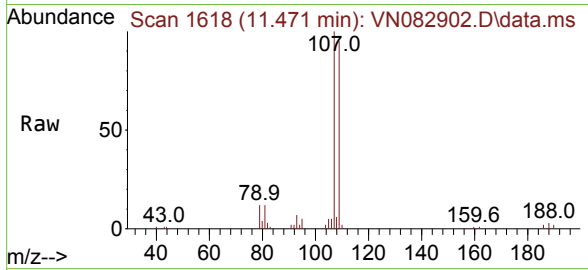




#61
1,2-Dibromoethane
Concen: 53.300 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

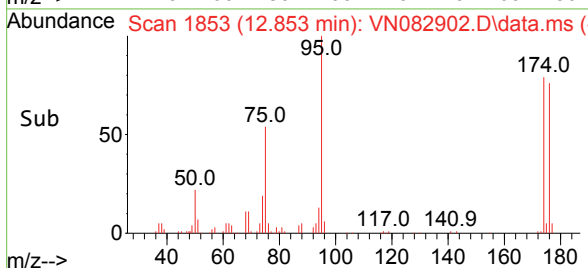
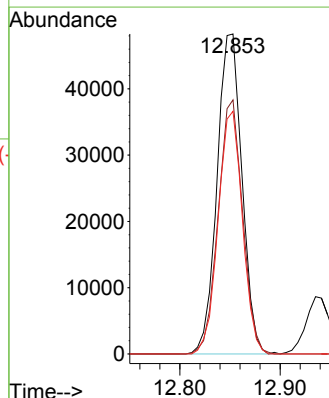
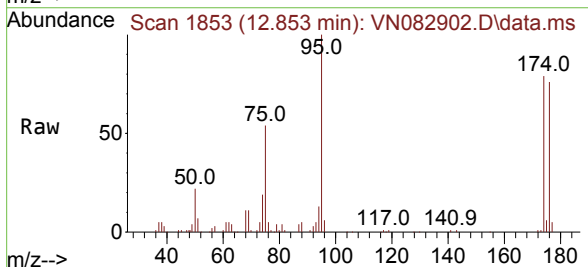
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

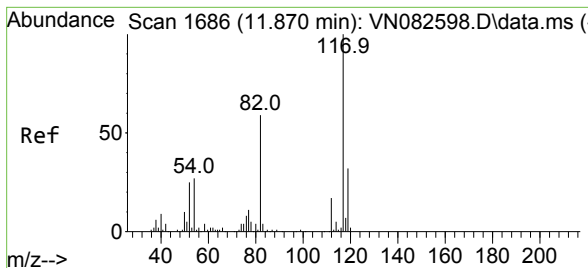
Tgt Ion:107 Resp: 63123
Ion Ratio Lower Upper
107 100
109 93.9 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 54.846 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 95 Resp: 83299
Ion Ratio Lower Upper
95 100
174 78.0 0.0 159.2
176 73.8 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830MSD

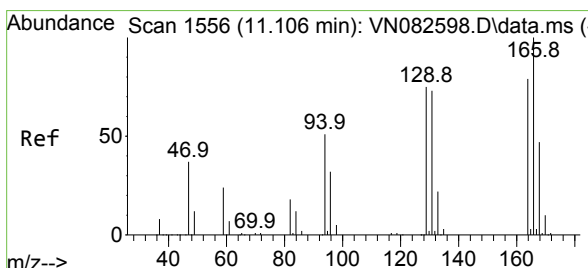
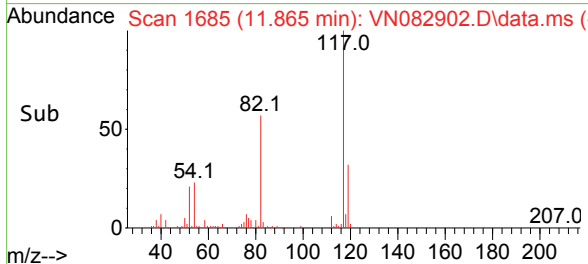
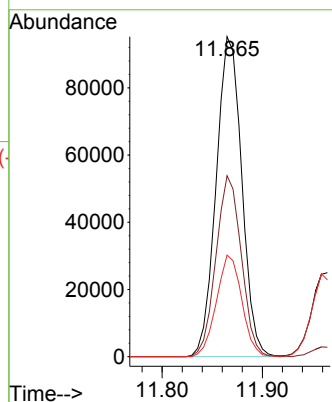
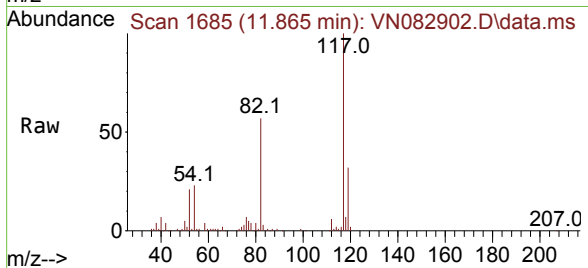
Tgt Ion:117 Resp: 168562

Ion Ratio Lower Upper

117 100

82 56.5 47.5 71.3

119 31.8 25.6 38.4



#64

Tetrachloroethene

Concen: 45.240 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

Tgt Ion:164 Resp: 56894

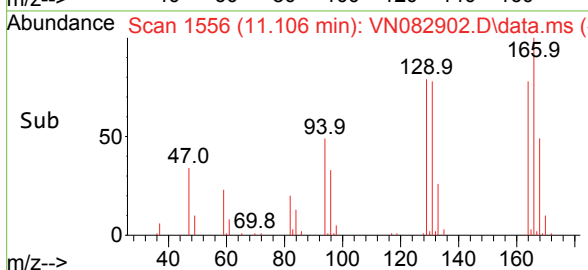
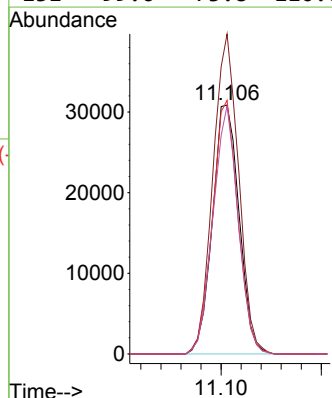
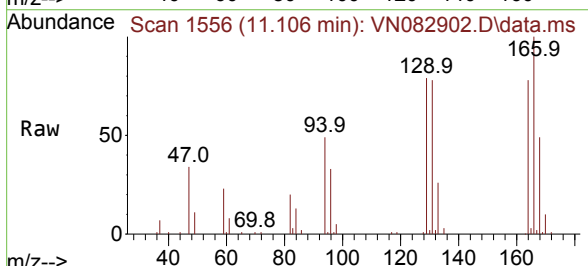
Ion Ratio Lower Upper

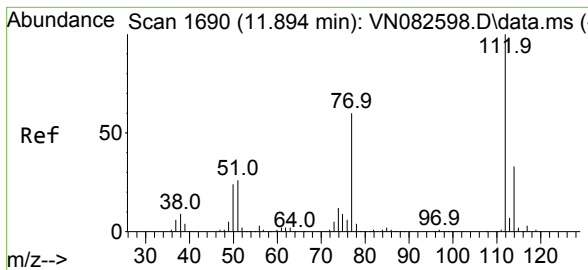
164 100

166 128.5 101.4 152.0

129 101.9 75.7 113.5

131 99.6 73.8 110.6

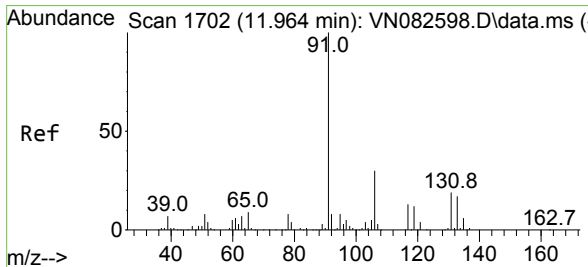
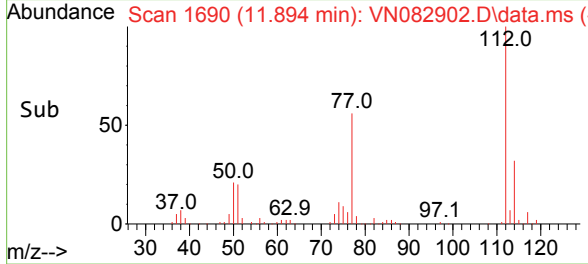
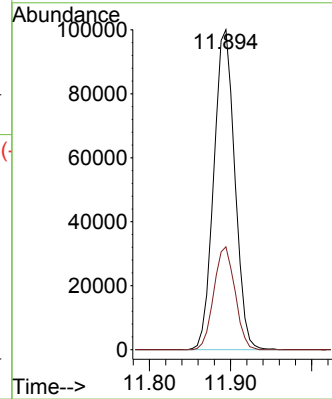
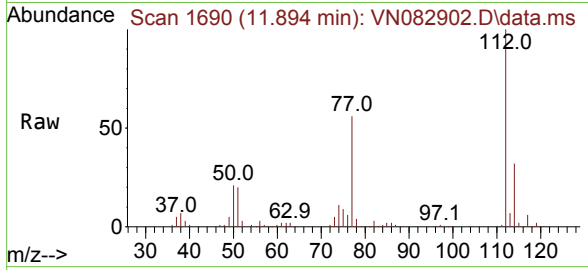




#65
Chlorobenzene
Concen: 49.740 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

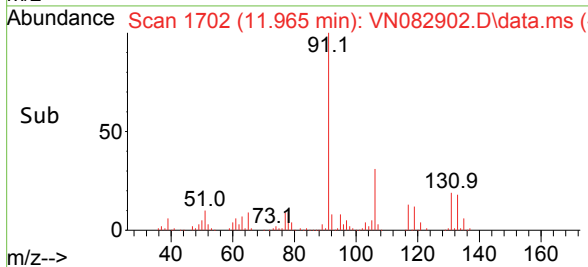
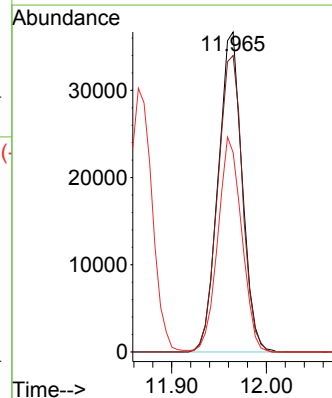
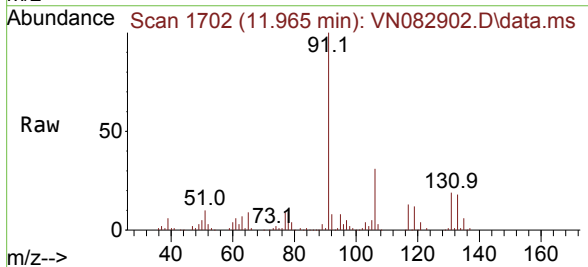
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

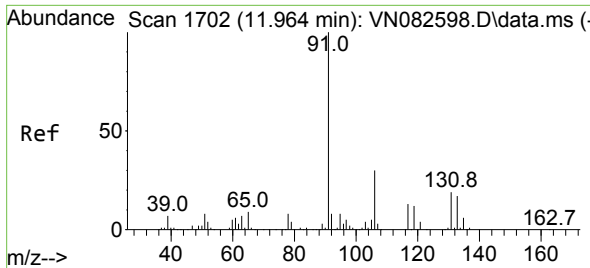
Tgt Ion:112 Resp: 179662
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.151 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion:131 Resp: 64434
Ion Ratio Lower Upper
131 100
133 96.1 47.3 142.0
119 66.8 32.5 97.4

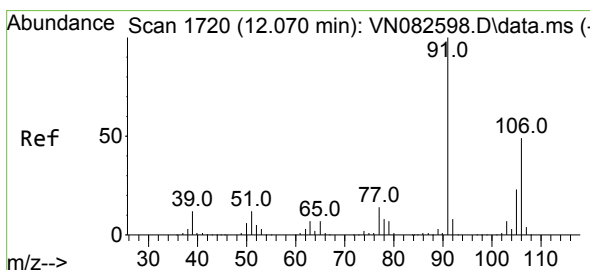
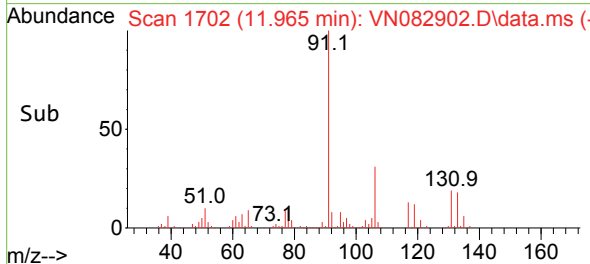
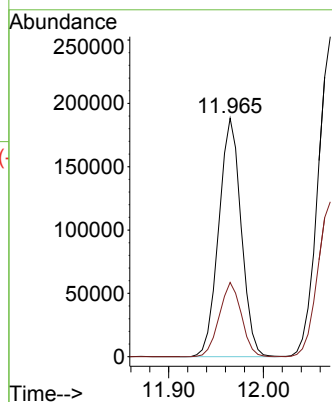
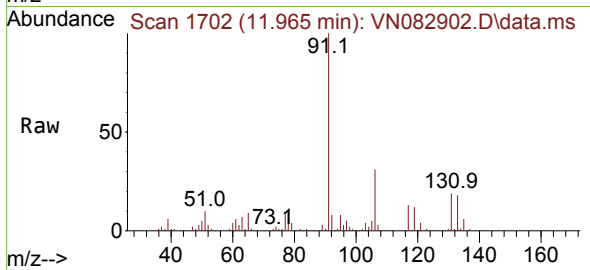




#67
Ethyl Benzene
Concen: 50.993 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

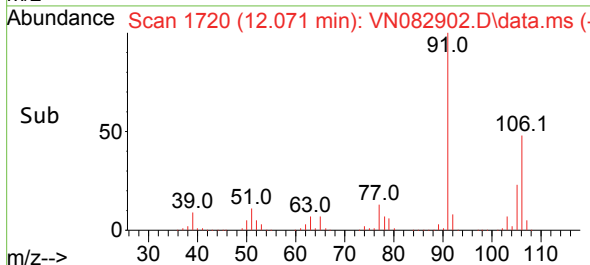
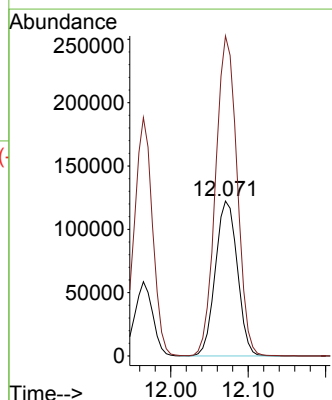
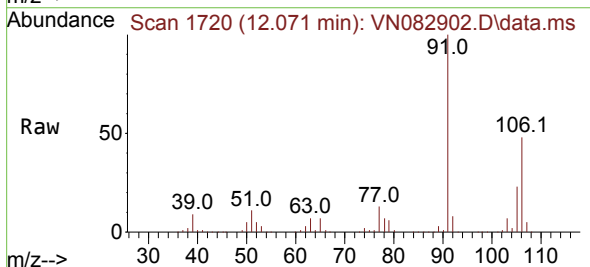
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

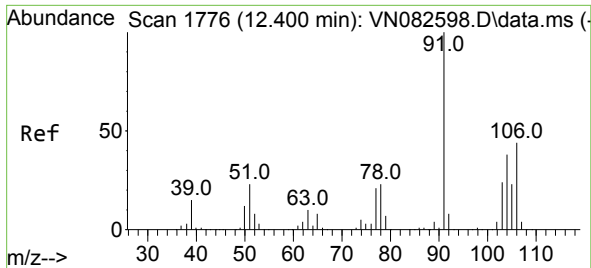
Tgt Ion: 91 Resp: 309564
Ion Ratio Lower Upper
91 100
106 31.2 24.0 36.0



#68
m/p-Xylenes
Concen: 105.207 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion:106 Resp: 241127
Ion Ratio Lower Upper
106 100
91 202.4 166.1 249.1

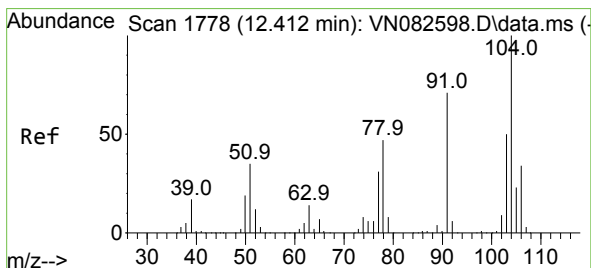
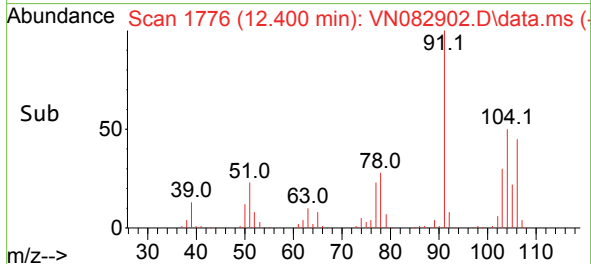
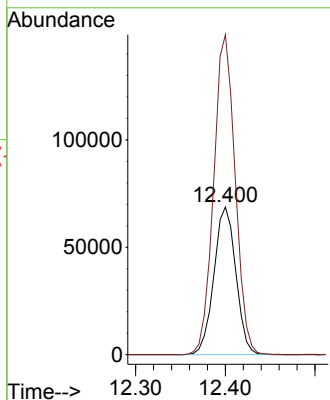
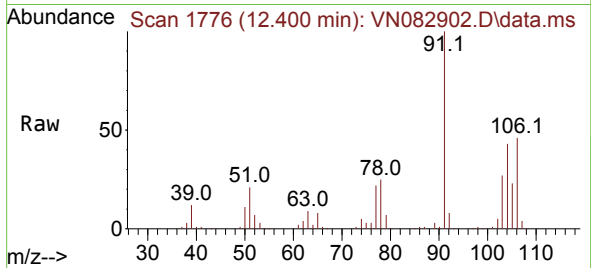




#69
o-Xylene
Concen: 53.069 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

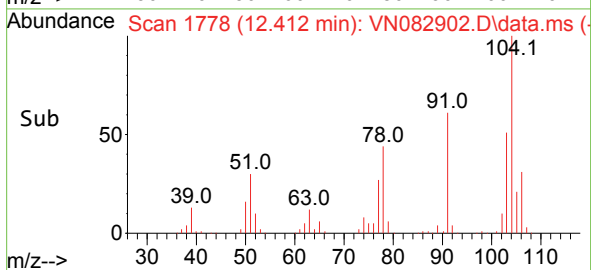
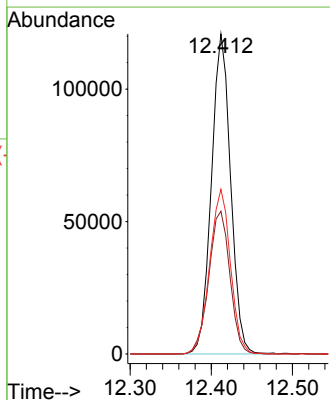
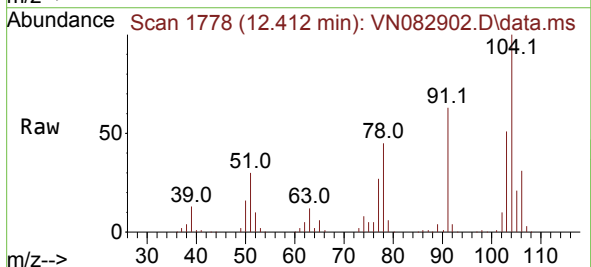
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

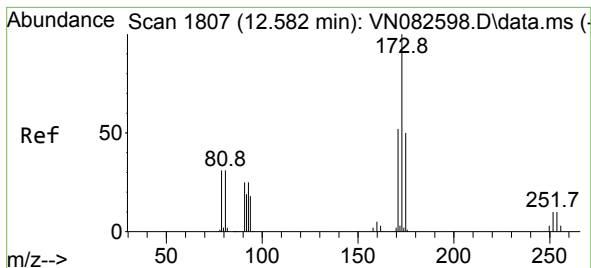
Tgt Ion:106 Resp: 116544
Ion Ratio Lower Upper
106 100
91 213.0 111.3 333.9



#70
Styrene
Concen: 54.836 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion:104 Resp: 198975
Ion Ratio Lower Upper
104 100
78 49.0 41.6 62.4
103 55.4 44.0 66.0





#71

Bromoform

Concen: 50.936 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

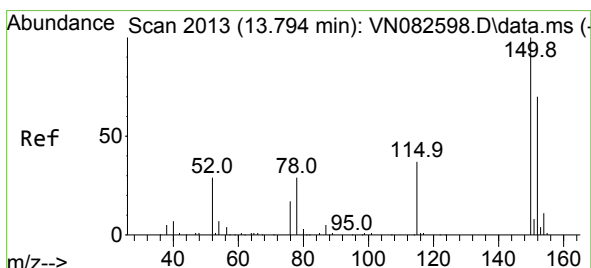
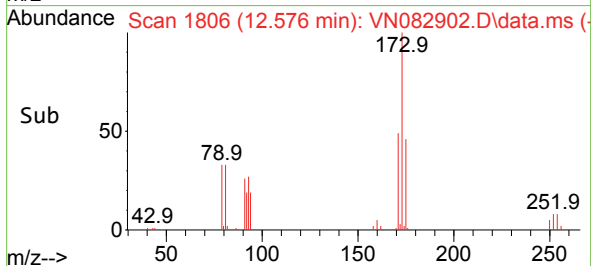
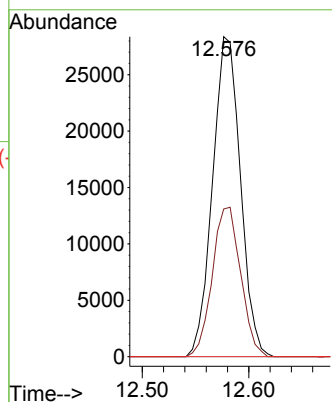
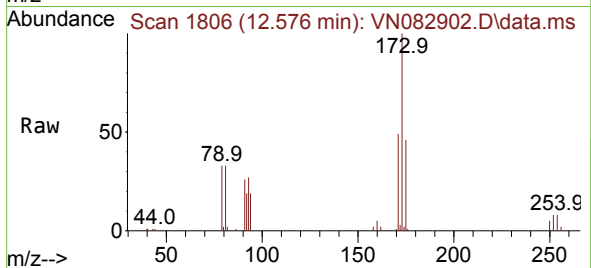
Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830MSD

Tgt Ion:	173	Resp:	51466
Ion Ratio	Lower	Upper	
173	100		
175	47.5	24.0	72.0
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

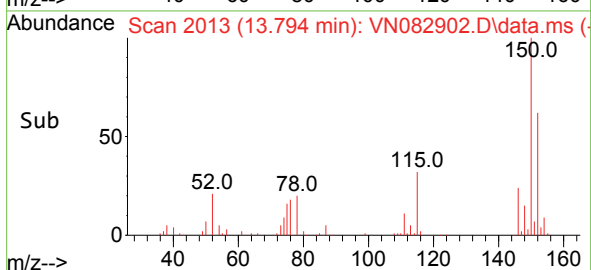
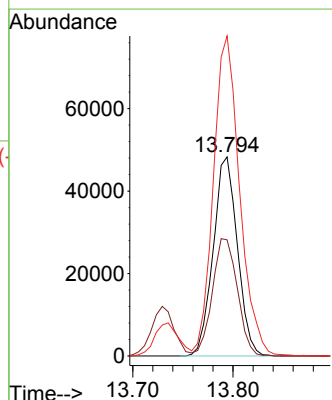
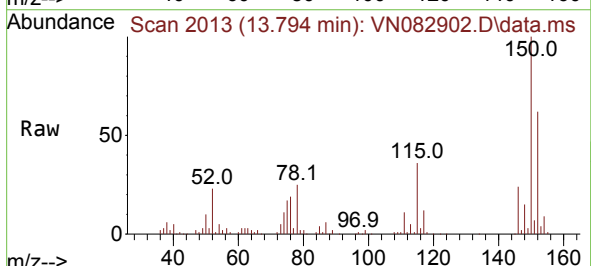
RT: 13.794 min Scan# 2013

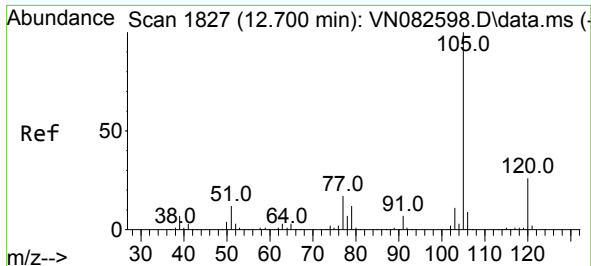
Delta R.T. 0.000 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

Tgt Ion:	152	Resp:	80983
Ion Ratio	Lower	Upper	
152	100		
115	60.9	30.6	91.6
150	174.3	0.0	348.6

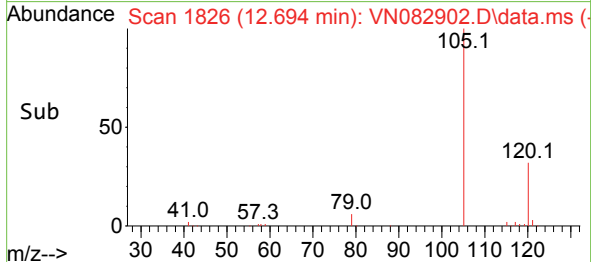
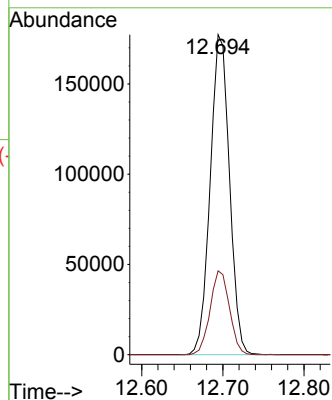
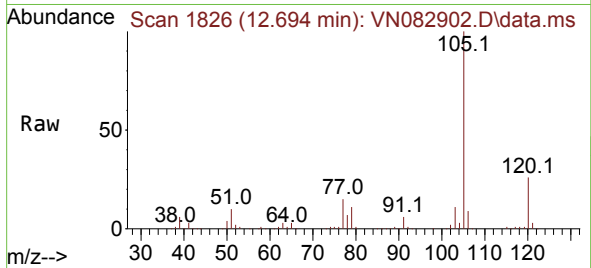




#73
Isopropylbenzene
Concen: 49.604 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

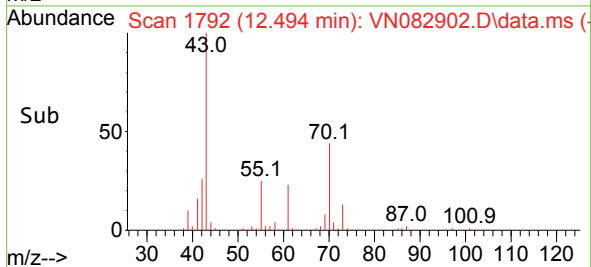
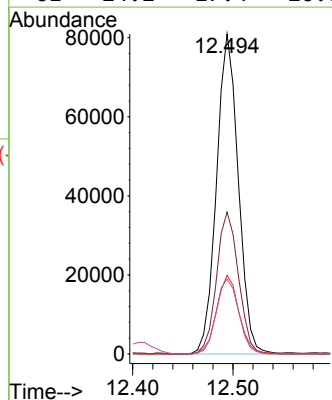
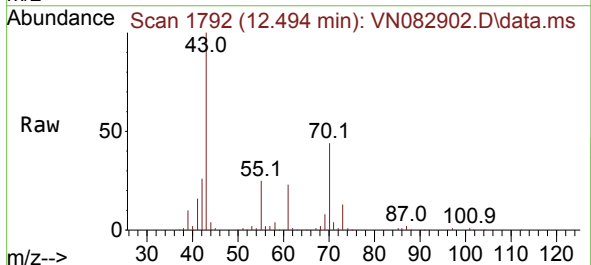
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MSD

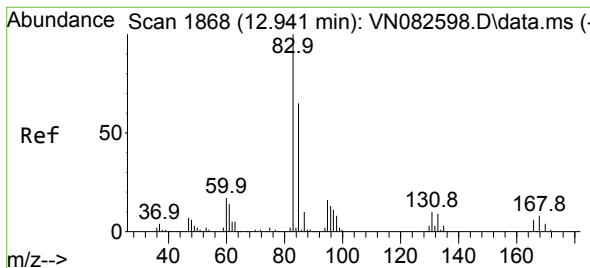
Tgt Ion:105 Resp: 291900
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6



#74
N-ethyl acetate
Concen: 50.137 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 43 Resp: 122038
Ion Ratio Lower Upper
43 100
70 44.6 29.8 44.6
55 25.3 18.7 28.1
61 24.2 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.130 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830MSD

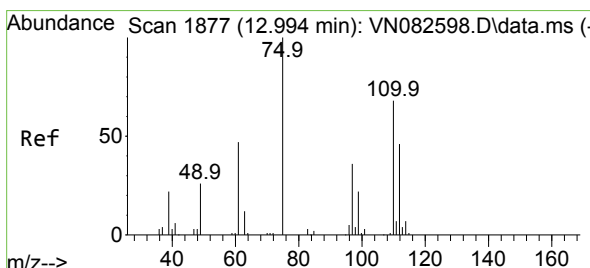
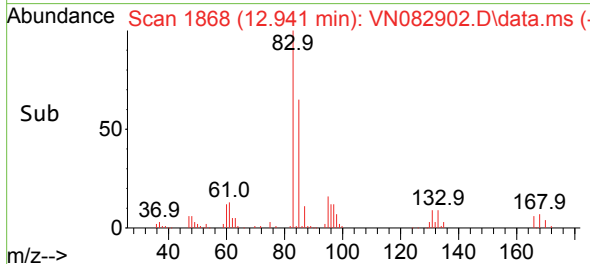
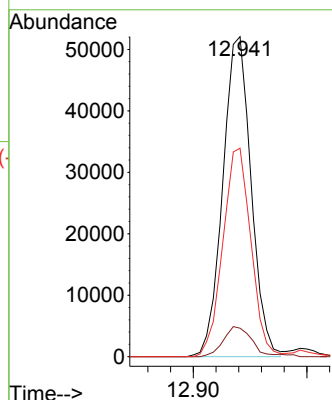
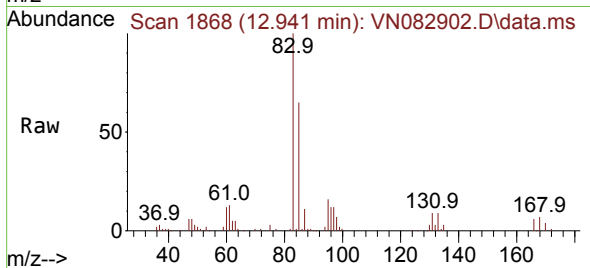
Tgt Ion: 83 Resp: 90111

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

85 64.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 85.939 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN082902.D

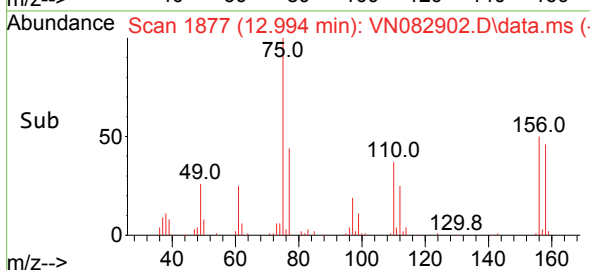
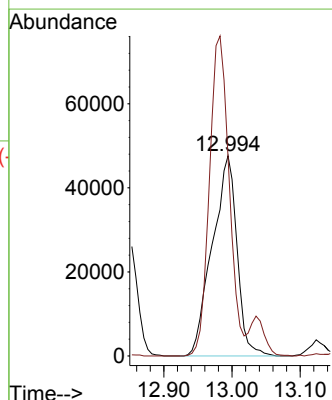
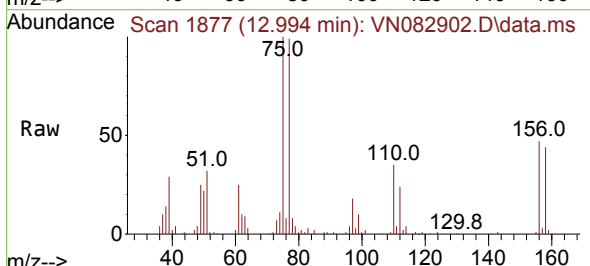
Acq: 12 Jul 2024 16:16

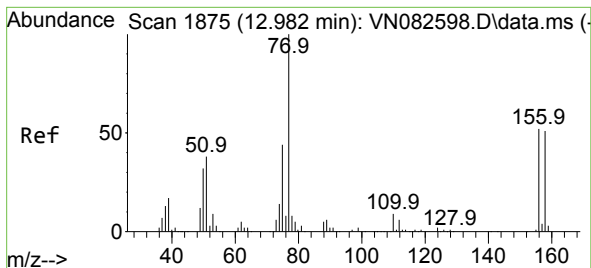
Tgt Ion: 75 Resp: 119988

Ion Ratio Lower Upper

75 100

77 127.7 110.9 332.6





#77

Bromobenzene

Concen: 47.620 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

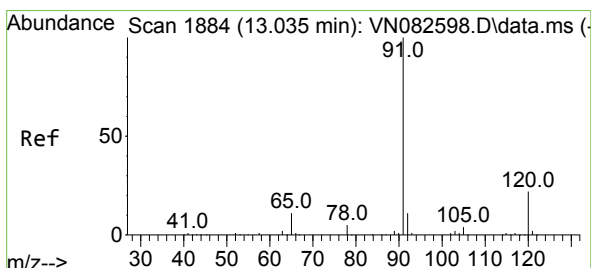
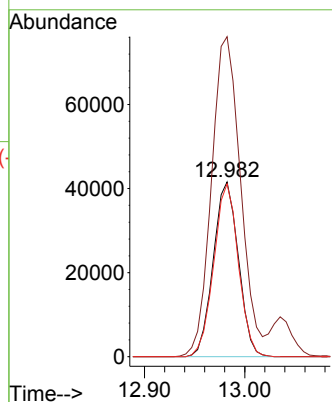
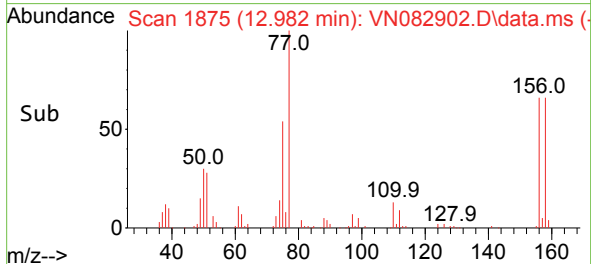
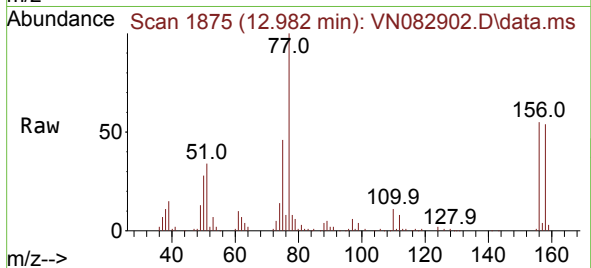
Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830MSD

Tgt Ion:	156	Resp:	72292
Ion Ratio	Lower	Upper	
156	100		
77	212.0	111.3	333.8
158	96.9	48.3	144.9



#78

n-propylbenzene

Concen: 49.926 ug/l

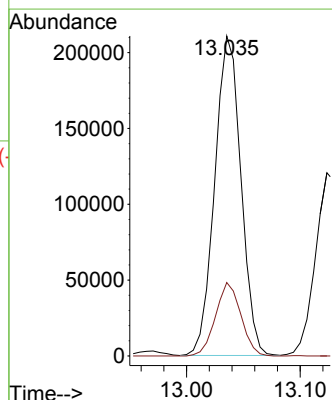
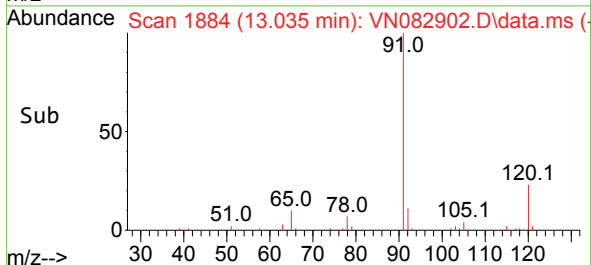
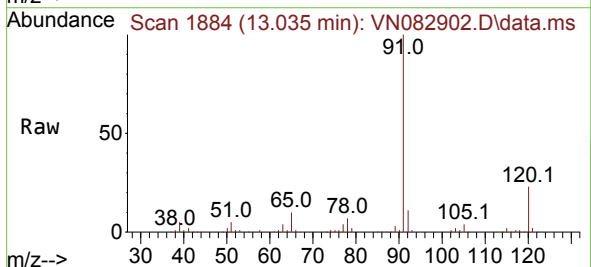
RT: 13.035 min Scan# 1884

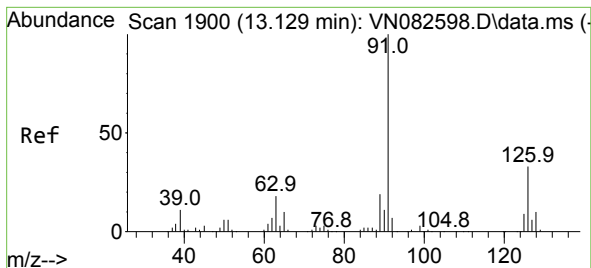
Delta R.T. 0.000 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

Tgt Ion:	91	Resp:	337794
Ion Ratio	Lower	Upper	
91	100		
120	22.2	10.9	32.9





#79

2-Chlorotoluene

Concen: 48.281 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. -0.005 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

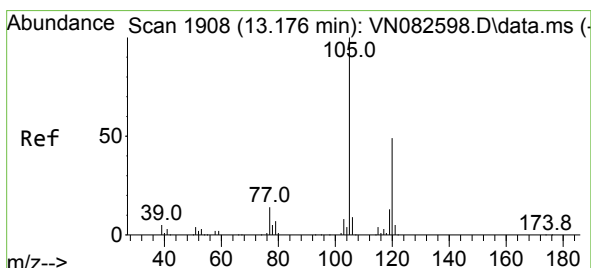
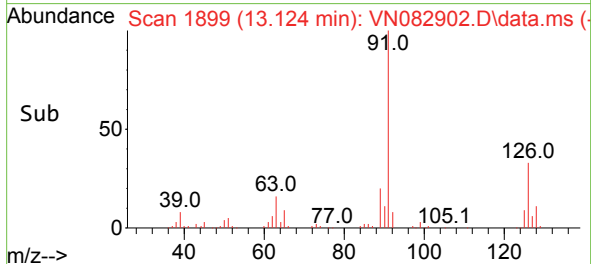
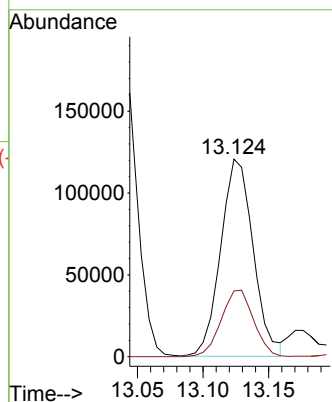
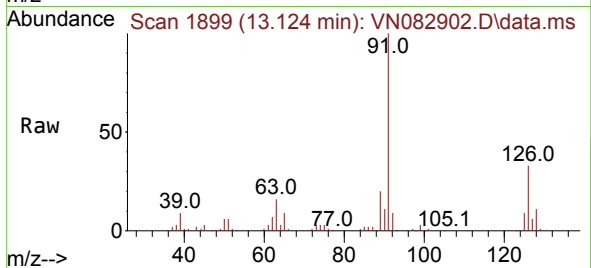
BP-VPB-189-GW-828-830MSD

Tgt Ion: 91 Resp: 208138

Ion Ratio Lower Upper

91 100

126 33.7 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 50.441 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082902.D

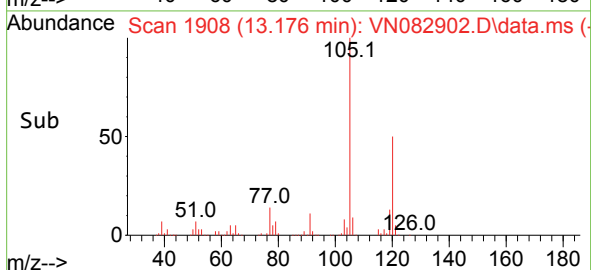
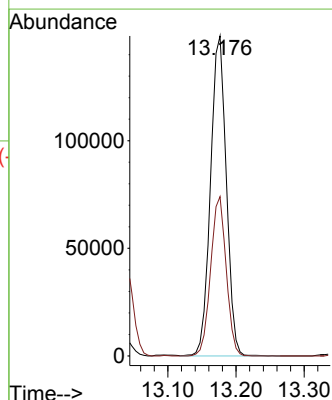
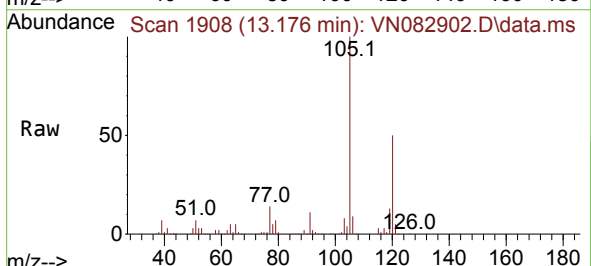
Acq: 12 Jul 2024 16:16

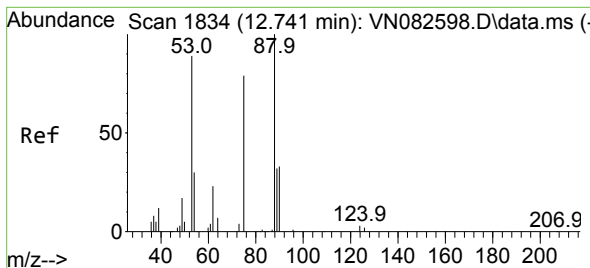
Tgt Ion:105 Resp: 239929

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8

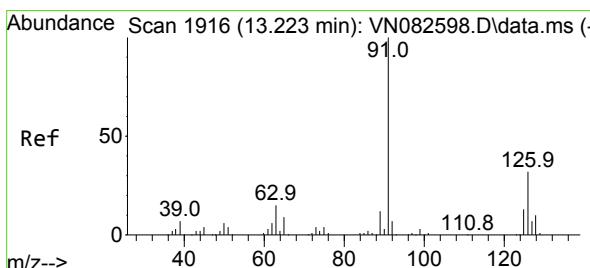
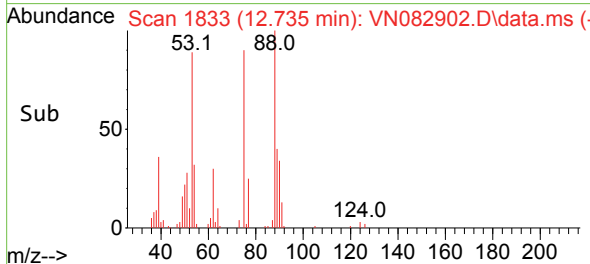
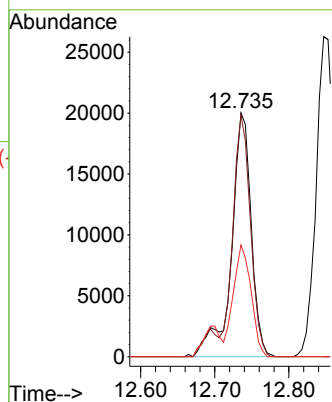
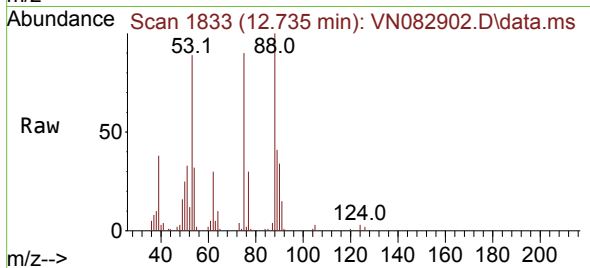




#81
trans-1,4-Dichloro-2-butene
Concen: 52.251 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

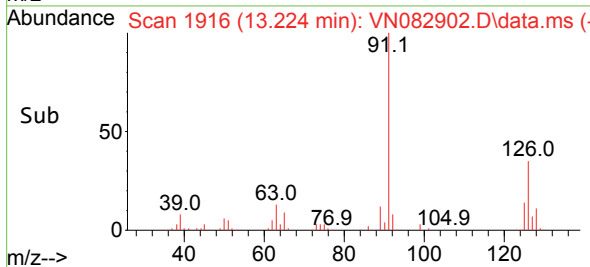
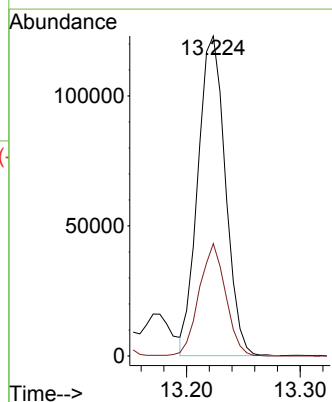
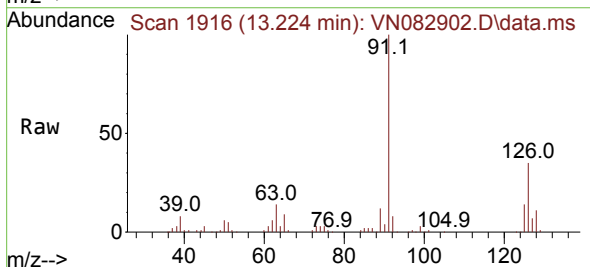
Instrument : MSVOA_N
ClientSampleId : BP-VPB-189-GW-828-830MSD

Tgt Ion: 75 Resp: 37094
Ion Ratio Lower Upper
75 100
53 87.8 88.4 132.6#
89 41.1 36.3 54.5



#82
4-Chlorotoluene
Concen: 48.349 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082902.D
Acq: 12 Jul 2024 16:16

Tgt Ion: 91 Resp: 206304
Ion Ratio Lower Upper
91 100
126 34.0 16.2 48.6





#83

tert-Butylbenzene

Concen: 48.438 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830MSD

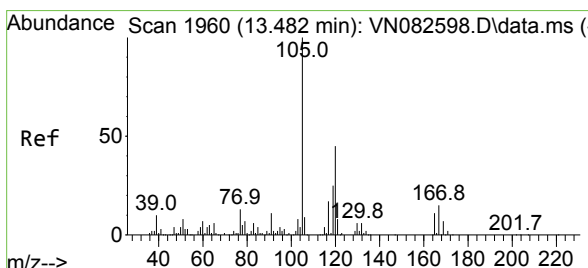
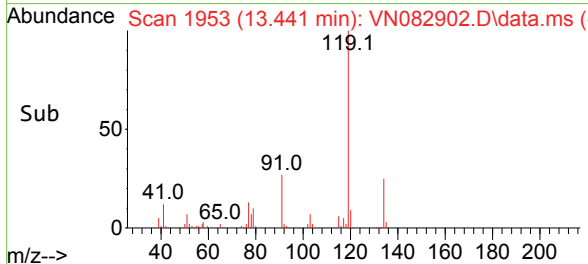
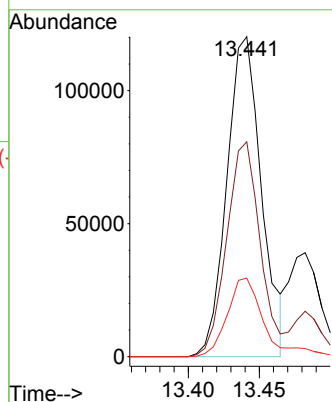
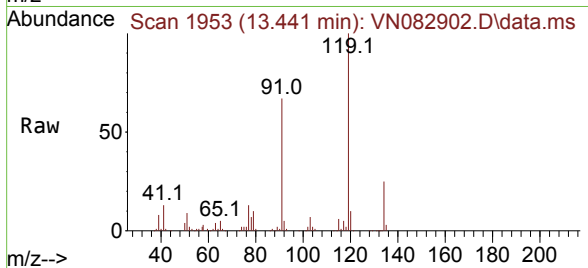
Tgt Ion:119 Resp: 204261

Ion Ratio Lower Upper

119 100

91 64.6 35.0 105.1

134 26.1 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 50.264 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082902.D

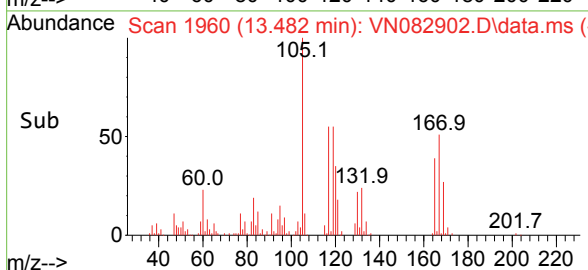
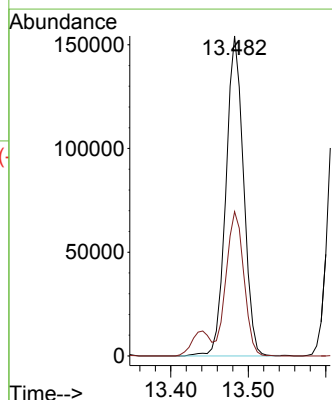
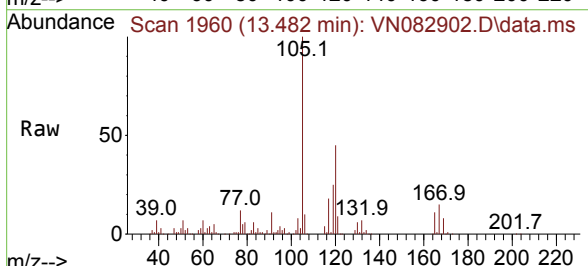
Acq: 12 Jul 2024 16:16

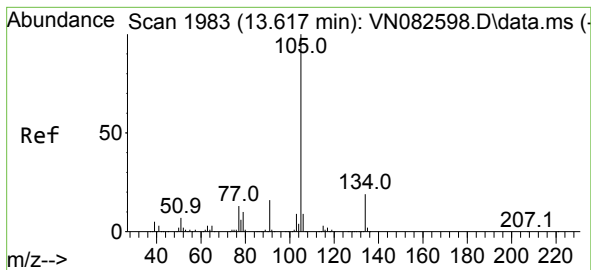
Tgt Ion:105 Resp: 243686

Ion Ratio Lower Upper

105 100

120 45.9 21.9 65.8





#85

sec-Butylbenzene

Concen: 49.309 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.001 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

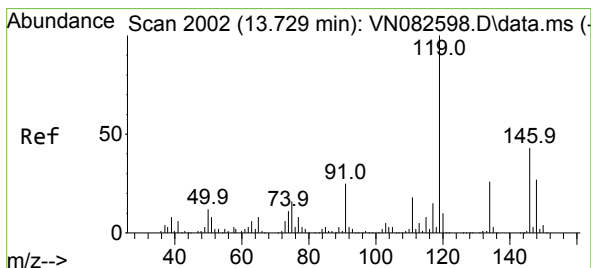
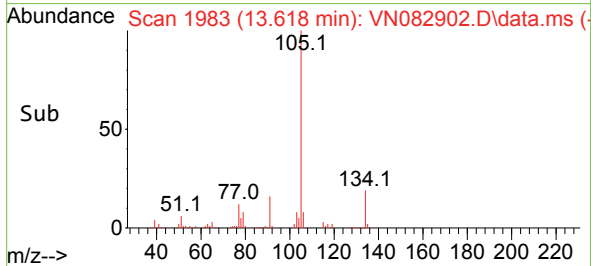
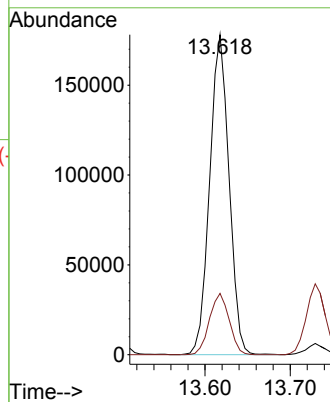
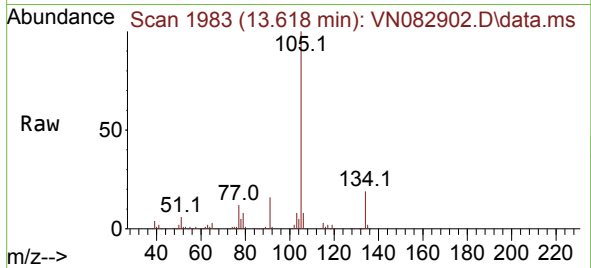
BP-VPB-189-GW-828-830MSD

Tgt Ion:105 Resp: 280991

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 49.324 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

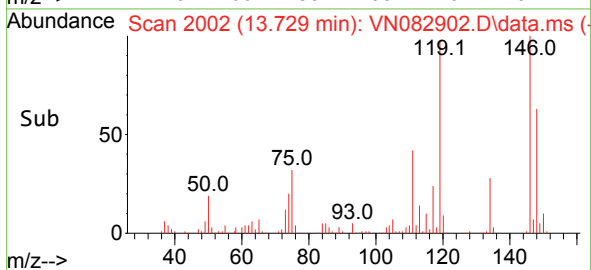
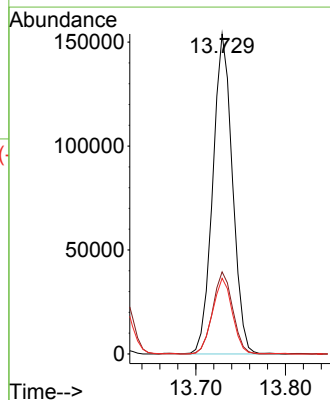
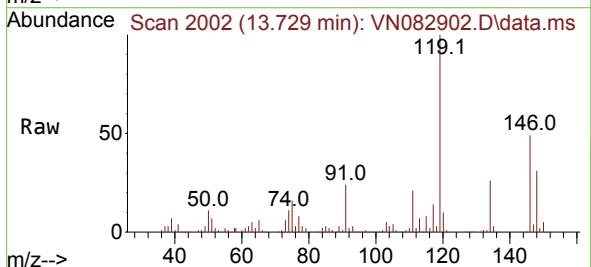
Tgt Ion:119 Resp: 234512

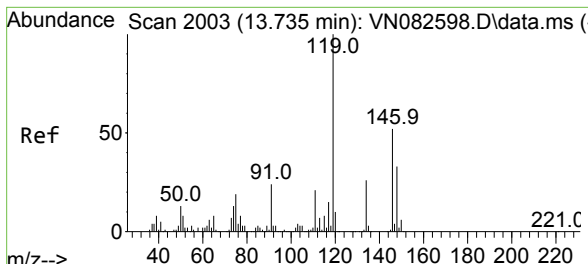
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 23.9 12.3 36.9

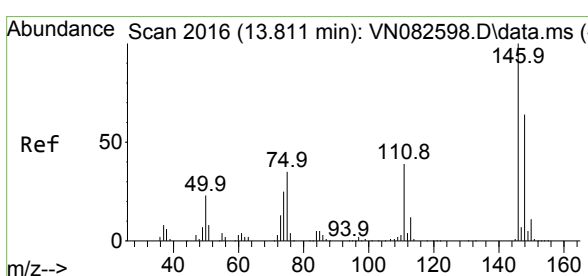
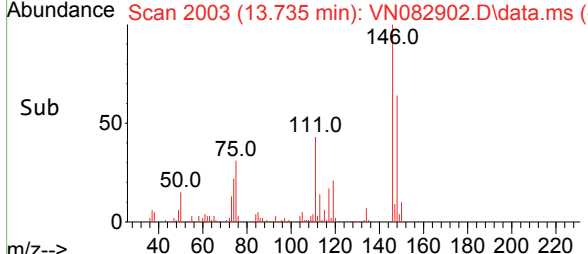
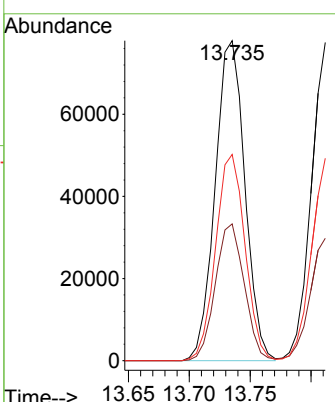
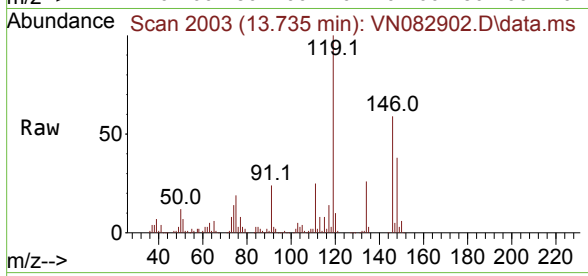




#87
 1,3-Dichlorobenzene
 Concen: 48.305 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN082902.D
 Acq: 12 Jul 2024 16:16

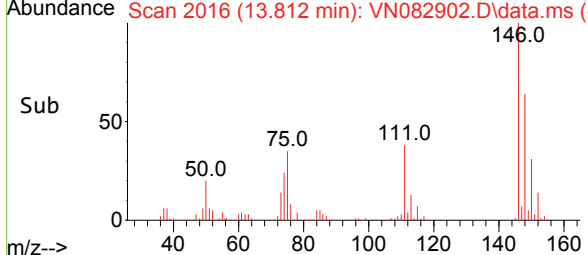
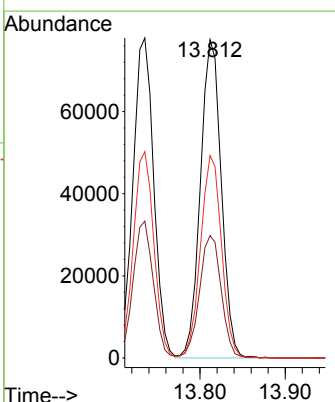
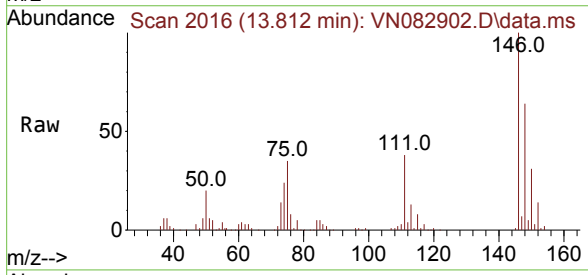
Instrument : MSVOA_N
 ClientSampleId : BP-VPB-189-GW-828-830MSD

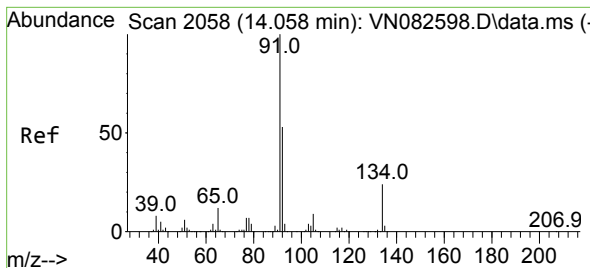
Tgt Ion:	146	Resp:	132474
Ion Ratio	Lower	Upper	
146	100		
111	41.6	20.6	61.9
148	63.7	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 46.516 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.001 min
 Lab File: VN082902.D
 Acq: 12 Jul 2024 16:16

Tgt Ion:	146	Resp:	131928
Ion Ratio	Lower	Upper	
146	100		
111	40.2	20.1	60.3
148	64.0	32.2	96.6





#89

n-Butylbenzene

Concen: 47.344 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830MSD

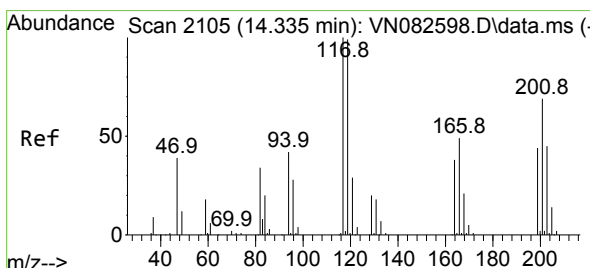
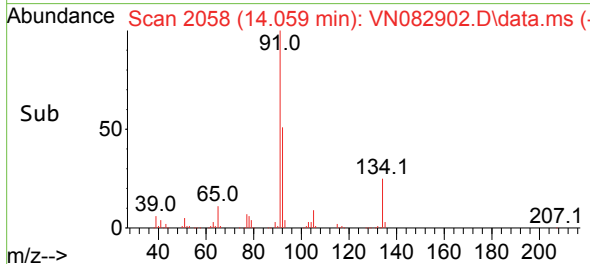
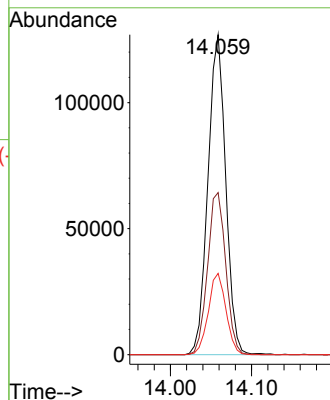
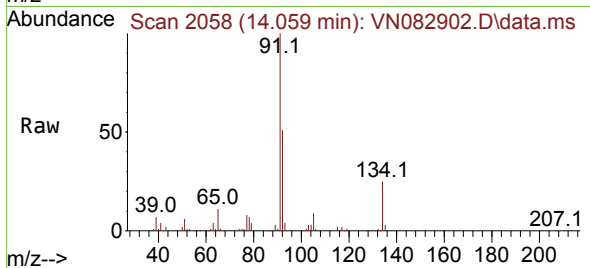
Tgt Ion: 91 Resp: 192846

Ion Ratio Lower Upper

91 100

92 51.9 26.1 78.3

134 25.3 12.1 36.3



#90

Hexachloroethane

Concen: 46.640 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN082902.D

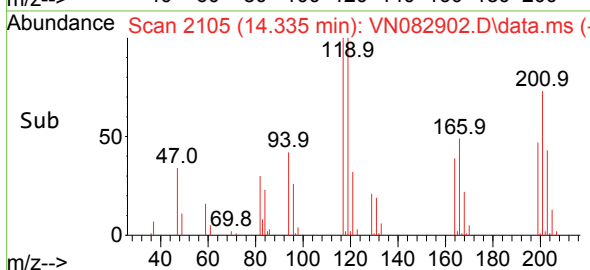
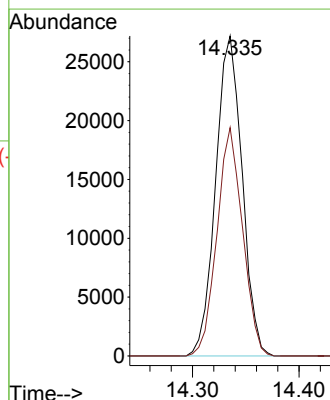
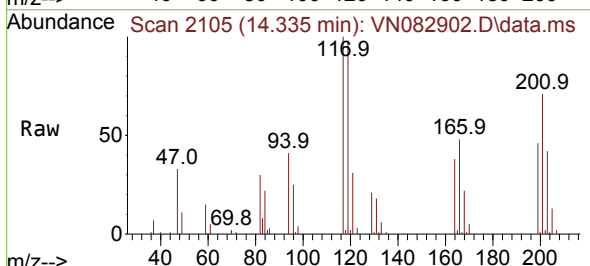
Acq: 12 Jul 2024 16:16

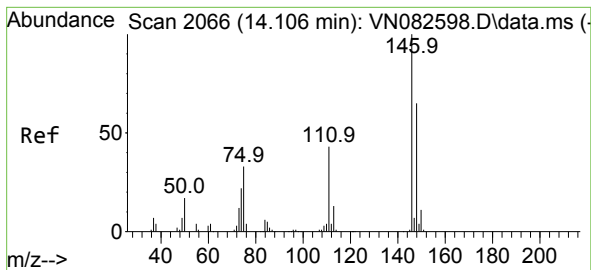
Tgt Ion: 117 Resp: 46921

Ion Ratio Lower Upper

117 100

201 69.0 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 48.783 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830MSD

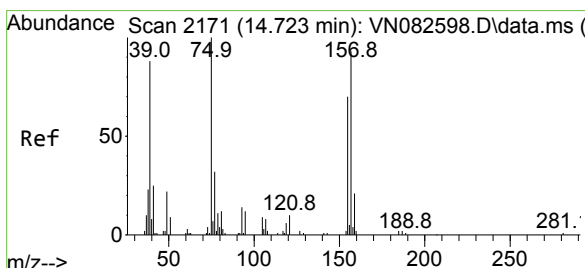
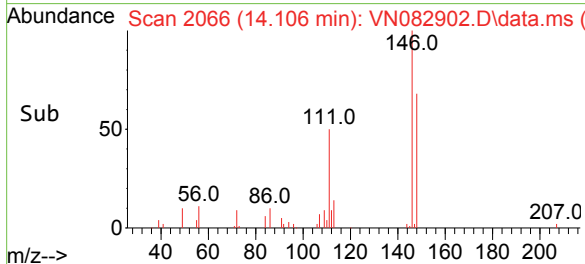
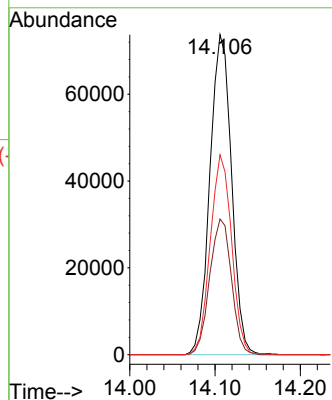
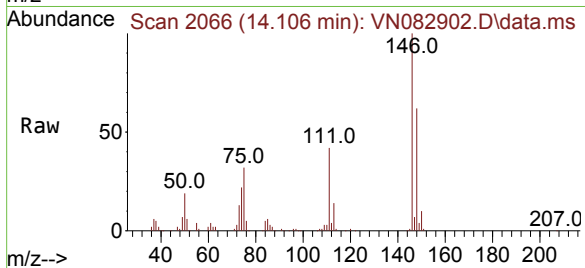
Tgt Ion:146 Resp: 129895

Ion Ratio Lower Upper

146 100

111 42.5 21.4 64.2

148 61.7 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.504 ug/l

RT: 14.718 min Scan# 2170

Delta R.T. -0.005 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

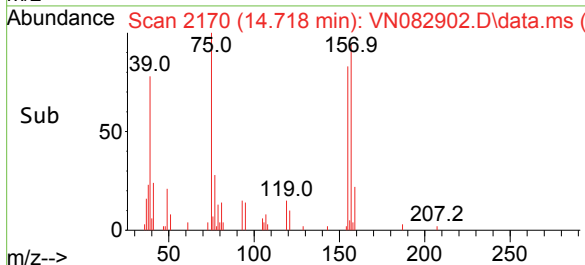
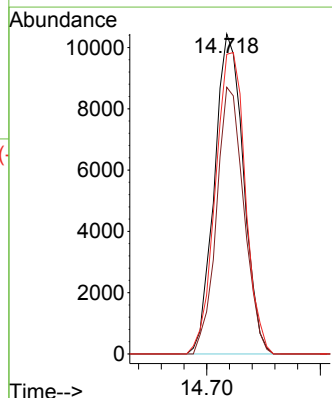
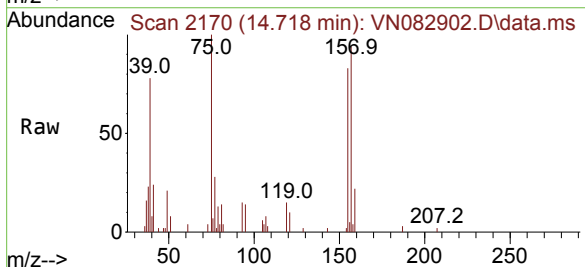
Tgt Ion: 75 Resp: 18553

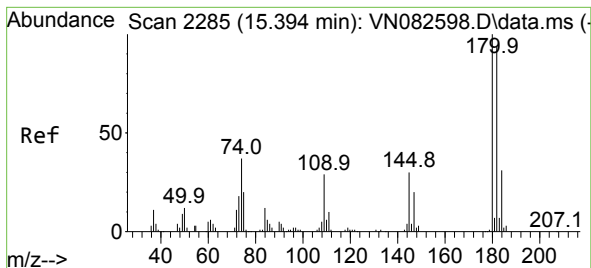
Ion Ratio Lower Upper

75 100

155 78.7 36.6 109.8

157 97.1 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 43.263 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830MSD

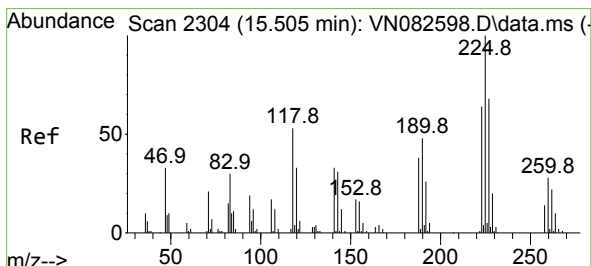
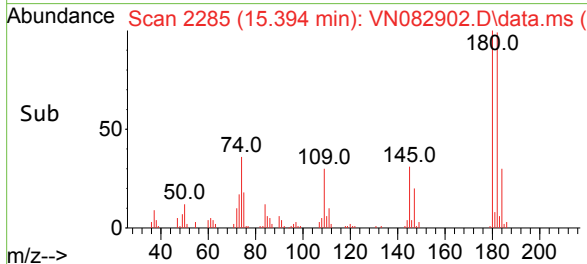
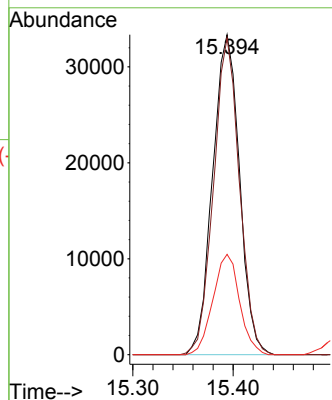
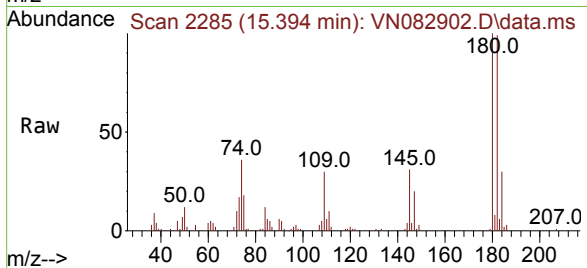
Tgt Ion:180 Resp: 62052

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.8

145 31.1 15.7 47.1



#94

Hexachlorobutadiene

Concen: 39.241 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.005 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

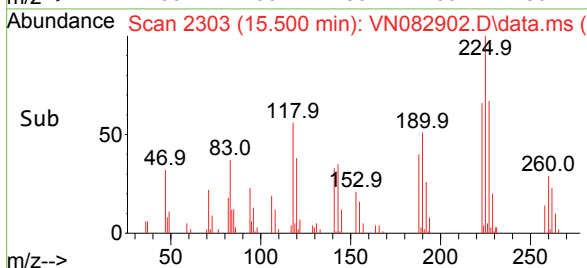
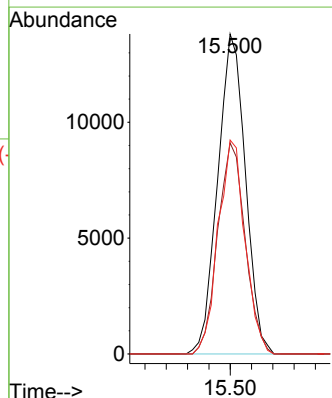
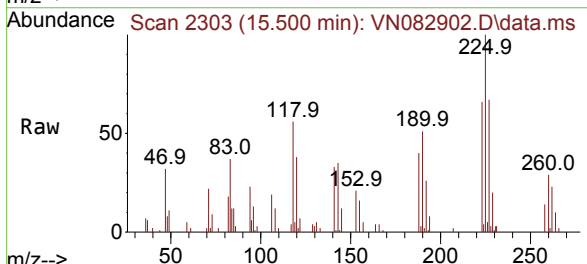
Tgt Ion:225 Resp: 24951

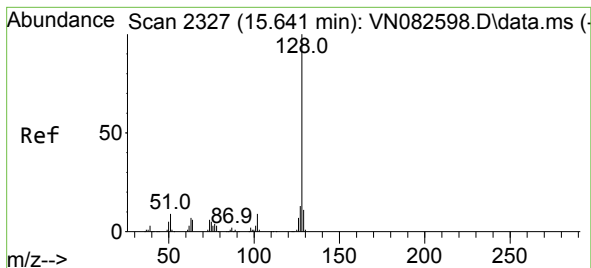
Ion Ratio Lower Upper

225 100

223 65.2 31.9 95.7

227 64.7 32.5 97.5





#95

Naphthalene

Concen: 44.885 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830MSD

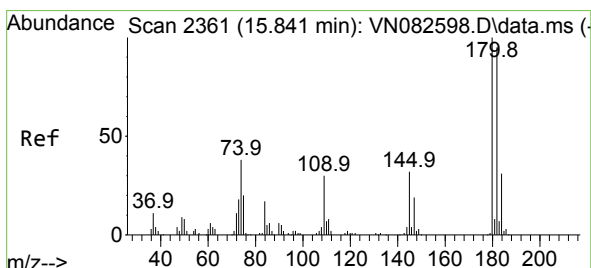
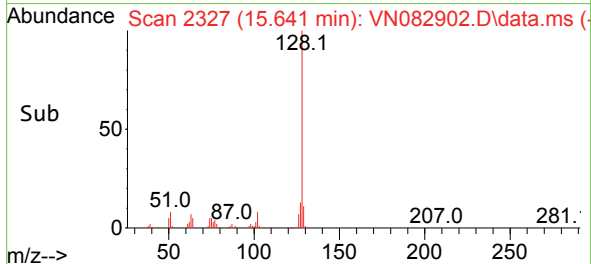
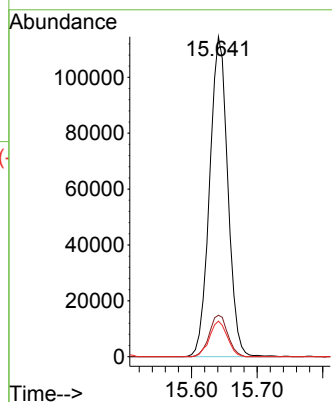
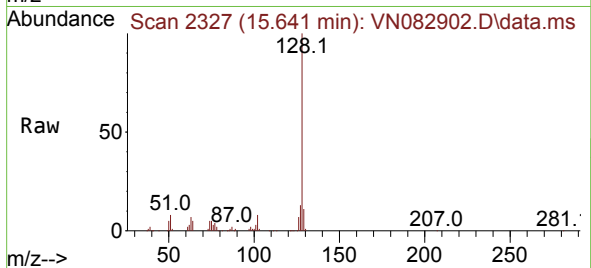
Tgt Ion:128 Resp: 220497

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 43.343 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082902.D

Acq: 12 Jul 2024 16:16

Tgt Ion:180 Resp: 63919

Ion Ratio Lower Upper

180 100

182 93.4 48.9 146.8

145 34.1 16.8 50.4

