

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082901.D
 Acq On : 12 Jul 2024 15:52
 Operator : JC\MD
 Sample : P3229-06MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jul 15 01:13:09 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	119152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	208078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	191914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	84977	50.876	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.760%			
35) Dibromofluoromethane	8.165	113	73724	55.216	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.440%			
50) Toluene-d8	10.571	98	276695	56.108	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.220%			
62) 4-Bromofluorobenzene	12.847	95	94460	53.324	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 106.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	82243	53.314	ug/l	100
3) Chloromethane	2.359	50	76240	52.115	ug/l	96
4) Vinyl Chloride	2.512	62	79748	51.904	ug/l	97
5) Bromomethane	2.948	94	47523	42.899	ug/l	97
6) Chloroethane	3.118	64	59379	56.476	ug/l	94
7) Trichlorofluoromethane	3.495	101	117103	52.992	ug/l	98
8) Diethyl Ether	3.959	74	41272	54.571	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	68711	54.938	ug/l	99
10) Methyl Iodide	4.583	142	64100	49.989	ug/l	96
11) Tert butyl alcohol	5.524	59	59442	211.590	ug/l	99
12) 1,1-Dichloroethene	4.342	96	63546	52.243	ug/l	91
13) Acrolein	4.183	56	61693	304.171	ug/l	97
14) Allyl chloride	5.018	41	97154	51.228	ug/l #	94
15) Acrylonitrile	5.718	53	173639	268.949	ug/l	99
16) Acetone	4.430	43	145988	248.254	ug/l	94
17) Carbon Disulfide	4.712	76	175945	48.408	ug/l	100
18) Methyl Acetate	5.024	43	81119	52.131	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	225475	53.738	ug/l	97
20) Methylene Chloride	5.277	84	73320	51.628	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	67902	51.521	ug/l	92
22) Diisopropyl ether	6.671	45	235185	59.275	ug/l	97
23) Vinyl Acetate	6.606	43	895912	284.337	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	135626	56.353	ug/l	97
25) 2-Butanone	7.483	43	230252	259.311	ug/l	93
26) 2,2-Dichloropropane	7.494	77	110476	49.370	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	82531	53.488	ug/l	91
28) Bromochloromethane	7.812	49	56501	54.724	ug/l	84
29) Tetrahydrofuran	7.841	42	153035	273.764	ug/l	89
30) Chloroform	7.971	83	143765	56.307	ug/l	100
31) Cyclohexane	8.259	56	106812	48.914	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	127039	53.591	ug/l	96
36) 1,1-Dichloropropene	8.371	75	96525	52.434	ug/l	98
37) Ethyl Acetate	7.559	43	95664	51.043	ug/l	95
38) Carbon Tetrachloride	8.365	117	113588	51.247	ug/l	96
39) Methylcyclohexane	9.600	83	97559	49.062	ug/l	93
40) Benzene	8.606	78	284238	50.196	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	52895	52.387	ug/l	93
42) 1,2-Dichloroethane	8.671	62	98275	48.209	ug/l	96
43) Isopropyl Acetate	8.688	43	153034	42.882	ug/l #	92
44) Trichloroethene	9.353	130	70498	48.595	ug/l	94
45) 1,2-Dichloropropane	9.624	63	75878	57.396	ug/l	100
46) Dibromomethane	9.712	93	54807	53.216	ug/l	98
47) Bromodichloromethane	9.888	83	115300	54.182	ug/l	98
48) Methyl methacrylate	9.682	41	79197	53.892	ug/l	92
49) 1,4-Dioxane	9.694	88	28049	874.879	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	508451	273.652	ug/l	95
52) Toluene	10.629	92	193233	54.628	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	114828	52.379	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	115820	49.913	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	72271	55.562	ug/l	98
56) Ethyl methacrylate	10.876	69	114165	56.415	ug/l	89
57) 1,3-Dichloropropane	11.165	76	124881	54.239	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.324	63	646	0.622	ug/l #	48
59) 2-Hexanone	11.194	43	374025	270.757	ug/l	94
60) Dibromochloromethane	11.359	129	90131	54.404	ug/l	99
61) 1,2-Dibromoethane	11.471	107	72380	52.400	ug/l	97
64) Tetrachloroethene	11.106	164	70042	48.918	ug/l	97
65) Chlorobenzene	11.894	112	207778	50.525	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	75991	51.950	ug/l	100
67) Ethyl Benzene	11.965	91	360065	52.095	ug/l	98
68) m/p-Xylenes	12.070	106	278190	106.609	ug/l	98
69) o-Xylene	12.400	106	134632	53.846	ug/l	94
70) Styrene	12.412	104	230502	55.795	ug/l	99
71) Bromoform	12.582	173	59087	51.363	ug/l #	98
73) Isopropylbenzene	12.694	105	337748	56.427	ug/l	99
74) N-amyl acetate	12.494	43	145562	58.793	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	101501	56.621	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	138263	97.357	ug/l	43
77) Bromobenzene	12.982	156	84851	54.949	ug/l	95
78) n-propylbenzene	13.035	91	388948	56.516	ug/l	98
79) 2-Chlorotoluene	13.123	91	233256	53.195	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	269124	55.624	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	37916	52.508	ug/l	99
82) 4-Chlorotoluene	13.223	91	227086	52.321	ug/l	97
83) tert-Butylbenzene	13.441	119	212050	49.436	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	257602	52.238	ug/l	98
85) sec-Butylbenzene	13.617	105	291908	50.360	ug/l	100
86) p-Isopropyltoluene	13.729	119	240671	49.766	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	135372	48.529	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	135448	46.951	ug/l	99
89) n-Butylbenzene	14.059	91	195027	47.072	ug/l	99
90) Hexachloroethane	14.335	117	47543	46.461	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	131341	48.493	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18235	43.969	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	61420	42.100	ug/l	100
94) Hexachlorobutadiene	15.500	225	24581	38.007	ug/l	100
95) Naphthalene	15.641	128	216894	43.406	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	60707	40.470	ug/l	99

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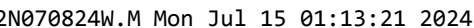
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

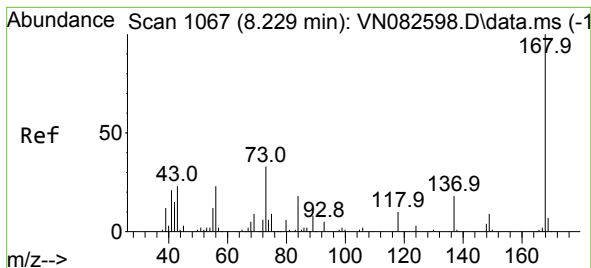
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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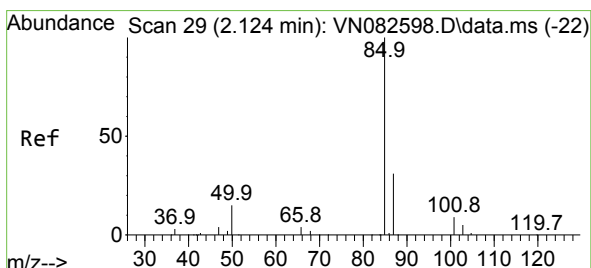
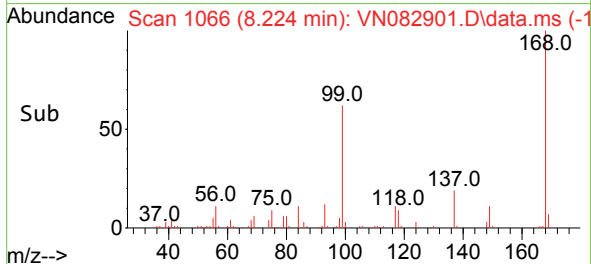
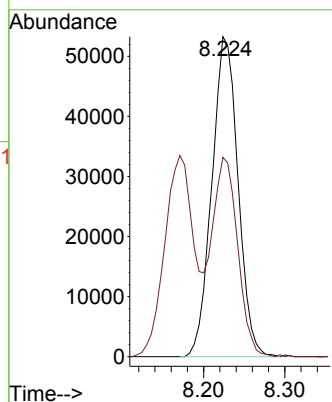
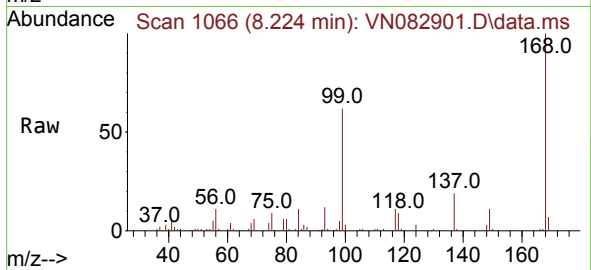




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN082901.D
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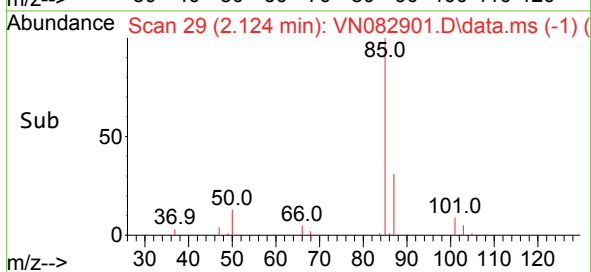
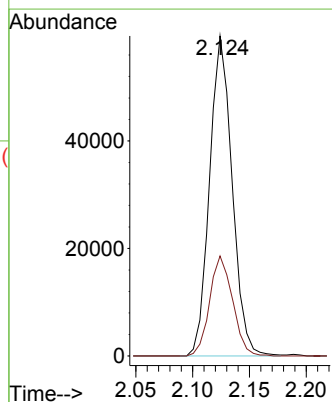
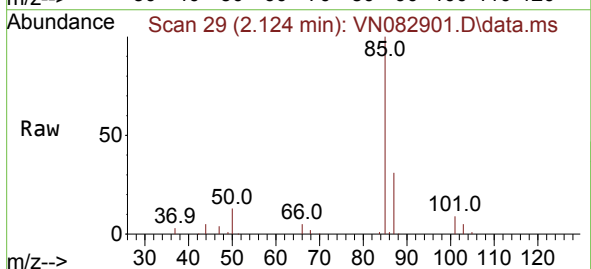
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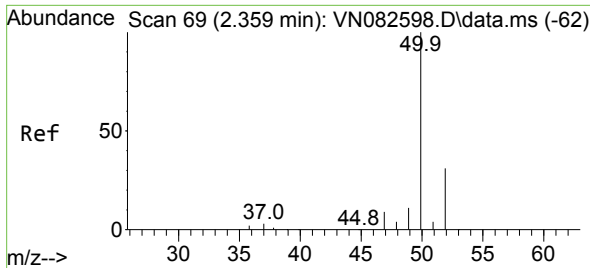
Tgt Ion:168 Resp: 119152
Ion Ratio Lower Upper
168 100
99 61.7 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 53.314 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion: 85 Resp: 82243
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.0

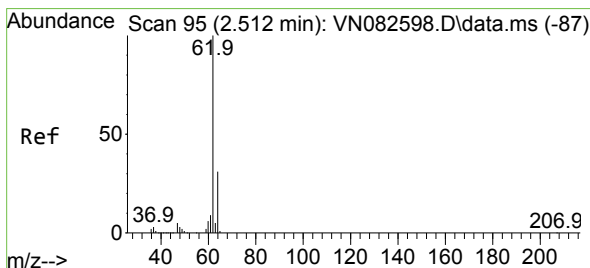
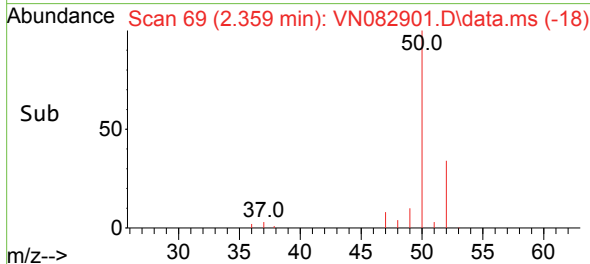
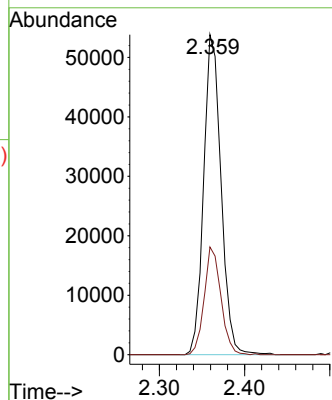
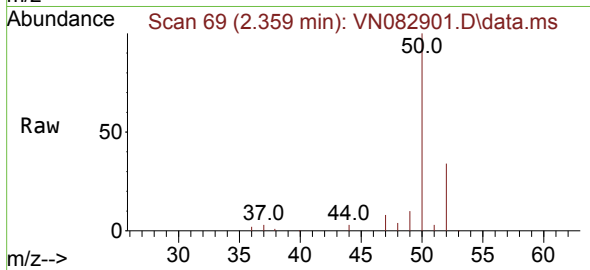




#3
 Chloromethane
 Concen: 52.115 ug/l
 RT: 2.359 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VN082901.D
 Acq: 12 Jul 2024 15:52

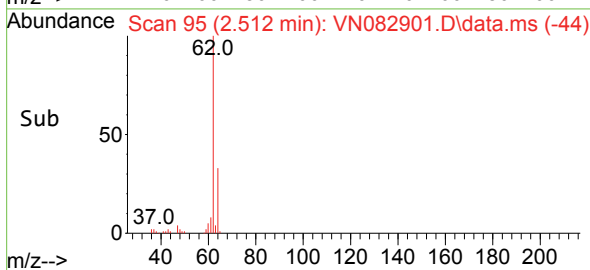
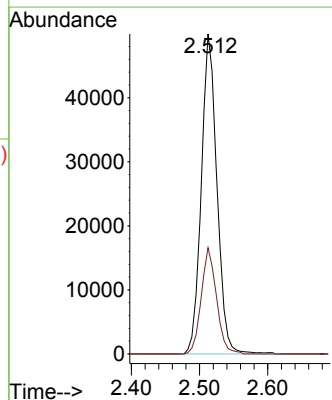
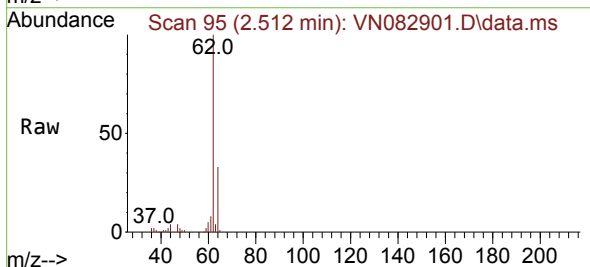
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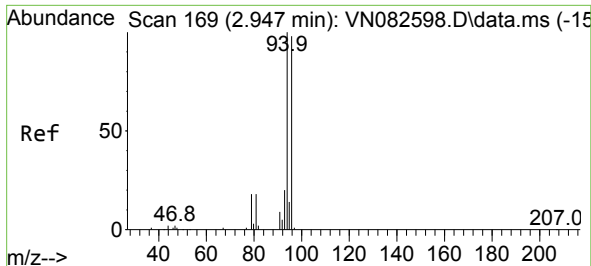
Tgt Ion: 50 Resp: 76240
 Ion Ratio Lower Upper
 50 100
 52 33.6 25.0 37.4



#4
 Vinyl Chloride
 Concen: 51.904 ug/l
 RT: 2.512 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VN082901.D
 Acq: 12 Jul 2024 15:52

Tgt Ion: 62 Resp: 79748
 Ion Ratio Lower Upper
 62 100
 64 33.2 25.0 37.6

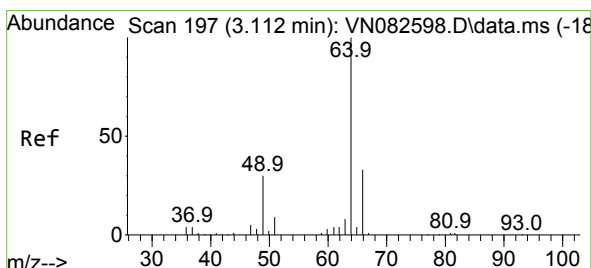
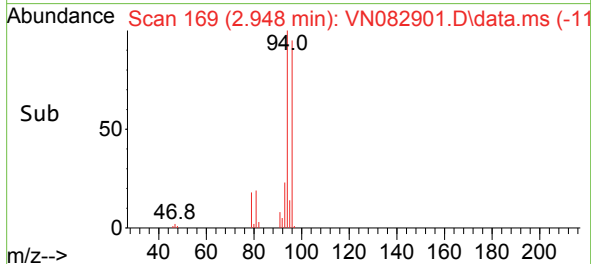
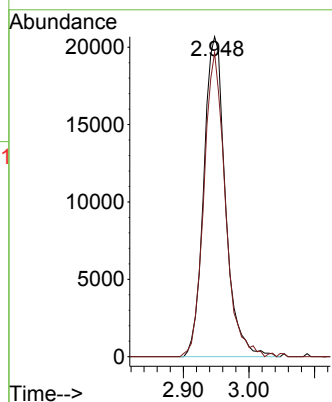
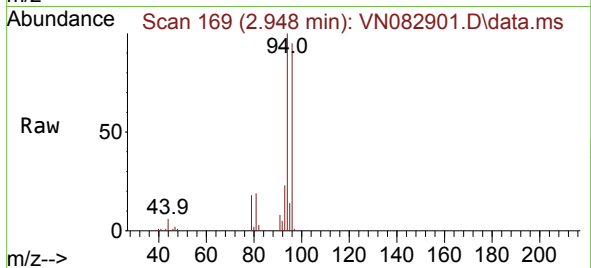




#5
Bromomethane
Concen: 42.899 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082901.D
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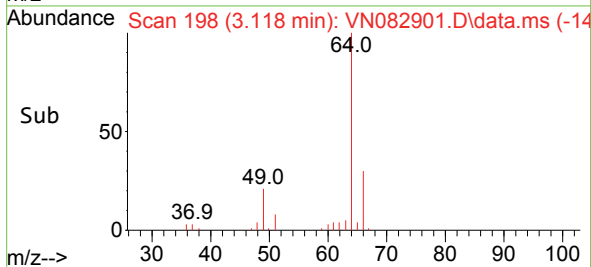
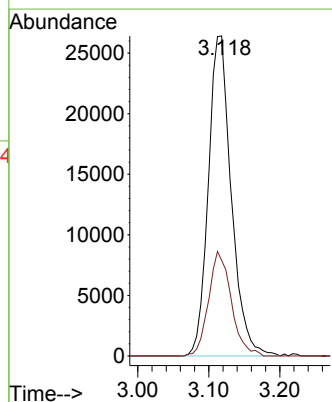
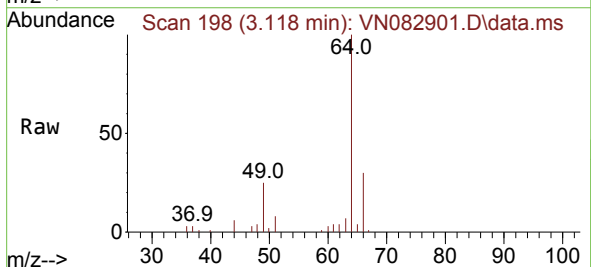
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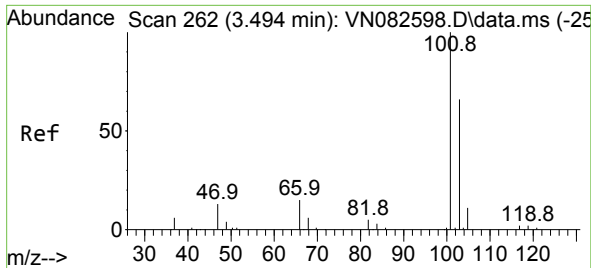
Tgt Ion: 94 Resp: 47523
Ion Ratio Lower Upper
94 100
96 95.0 78.0 117.0



#6
Chloroethane
Concen: 56.476 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion: 64 Resp: 59379
Ion Ratio Lower Upper
64 100
66 29.9 26.6 40.0

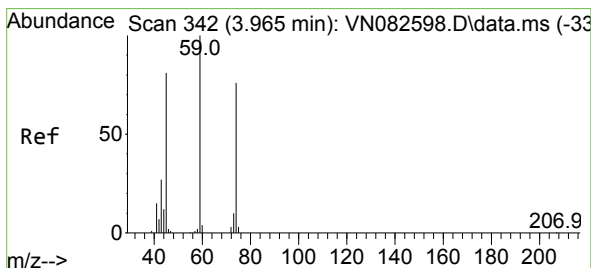
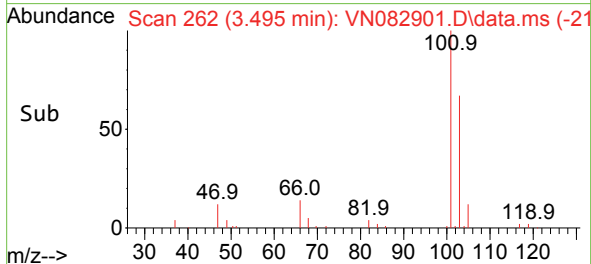
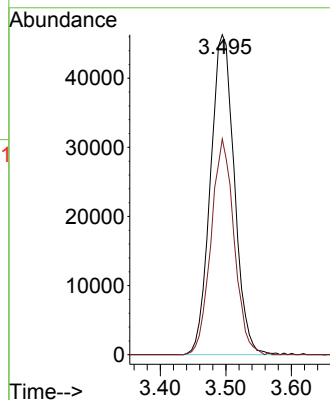
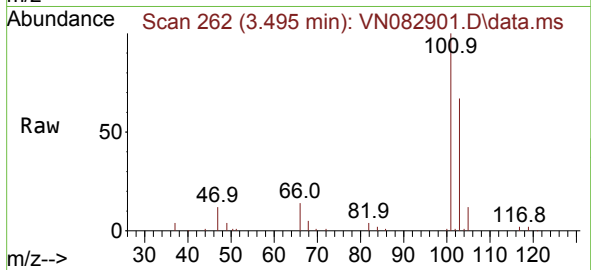




#7
Trichlorofluoromethane
Concen: 52.992 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.001 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

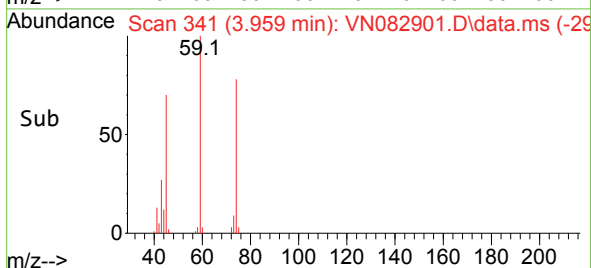
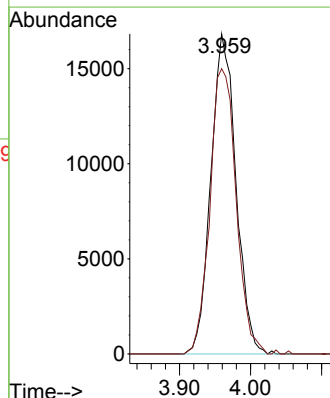
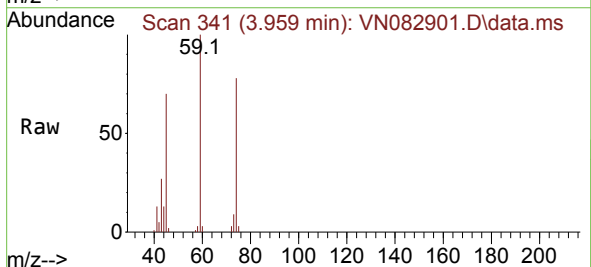
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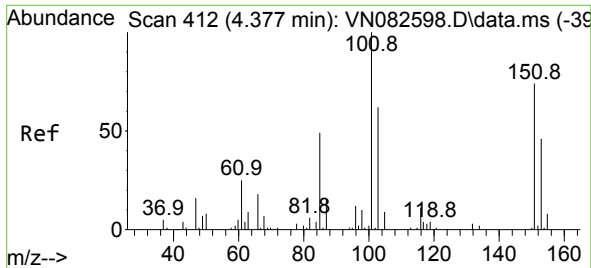
Tgt Ion:101 Resp: 117103
Ion Ratio Lower Upper
101 100
103 67.4 52.7 79.1



#8
Diethyl Ether
Concen: 54.571 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 41272
Ion Ratio Lower Upper
74 100
45 93.2 55.5 166.3

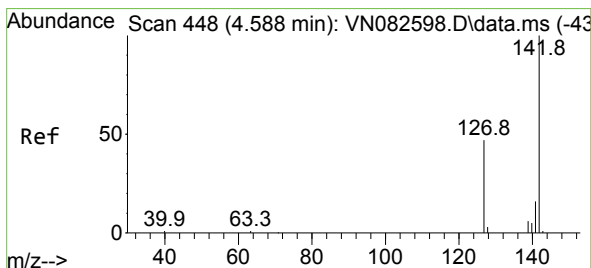
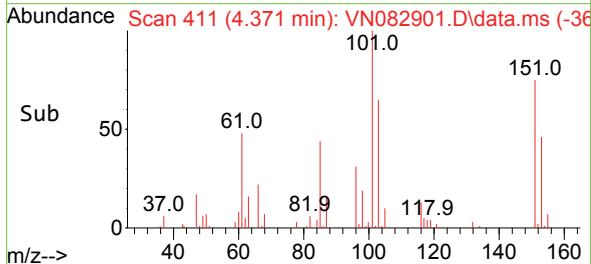
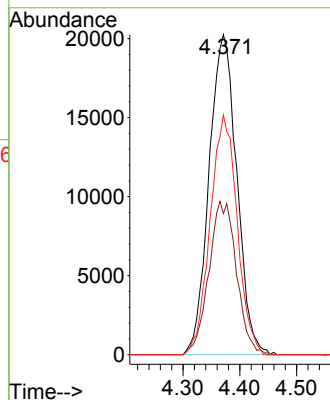
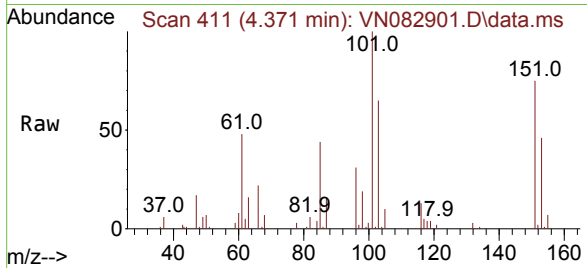




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.938 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

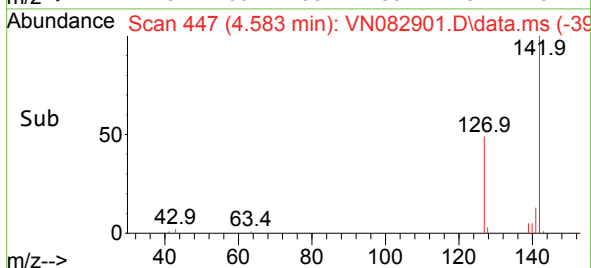
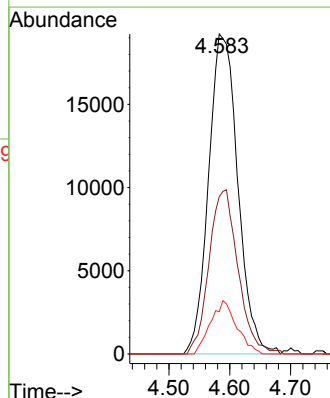
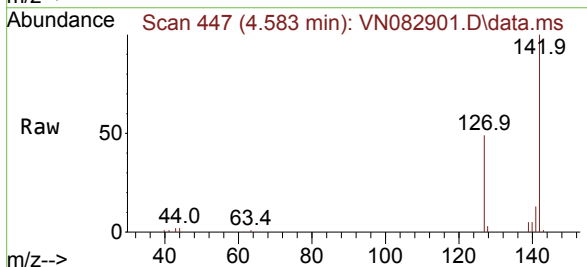
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

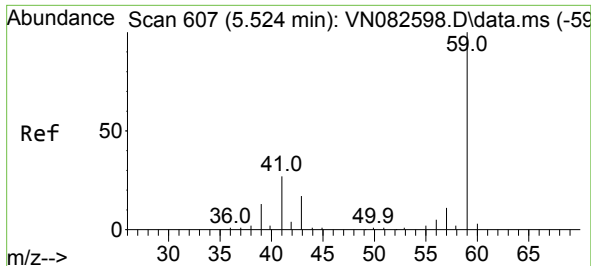
Tgt Ion:101 Resp: 68711
Ion Ratio Lower Upper
101 100
85 47.6 38.3 57.5
151 72.8 59.3 88.9



#10
Methyl Iodide
Concen: 49.989 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.005 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion:142 Resp: 64100
Ion Ratio Lower Upper
142 100
127 49.2 37.5 56.3
141 13.2 13.1 19.7

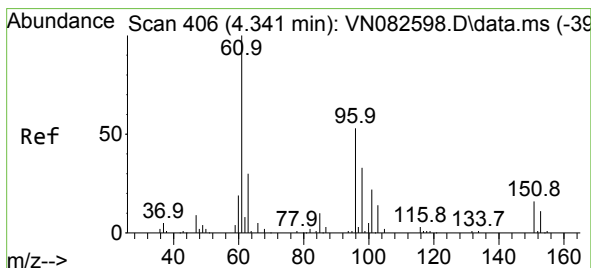
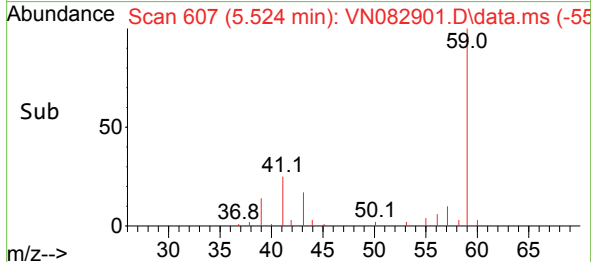
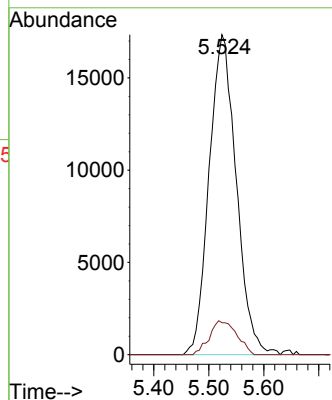
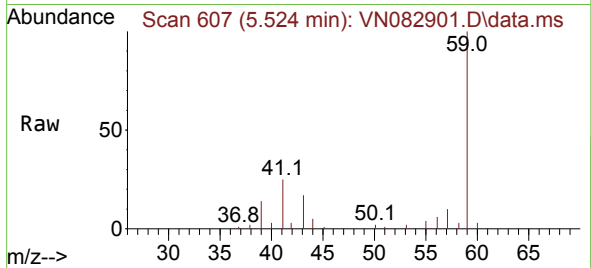




#11
Tert butyl alcohol
Concen: 211.590 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

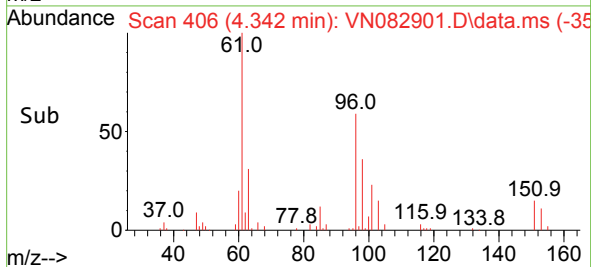
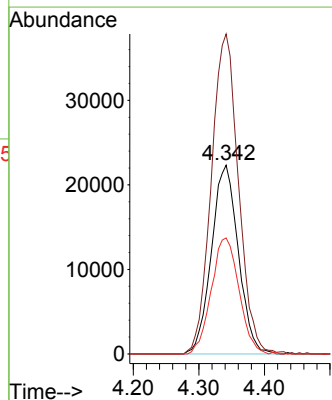
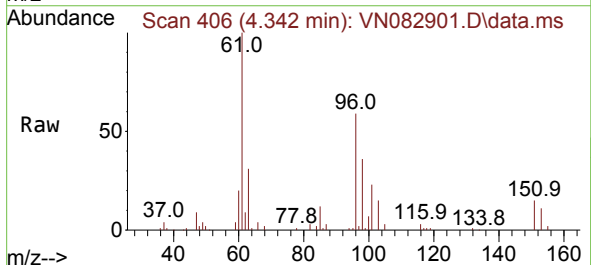
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

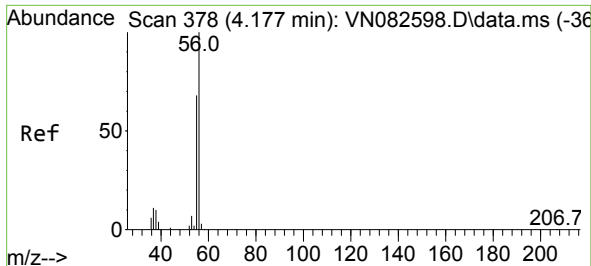
Tgt Ion: 59 Resp: 59442
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3



#12
1,1-Dichloroethene
Concen: 52.243 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion: 96 Resp: 63546
Ion Ratio Lower Upper
96 100
61 169.5 149.7 224.5
98 61.5 50.1 75.1

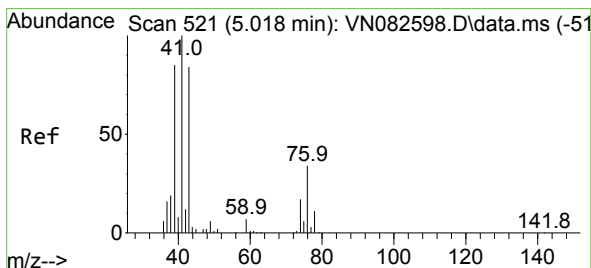
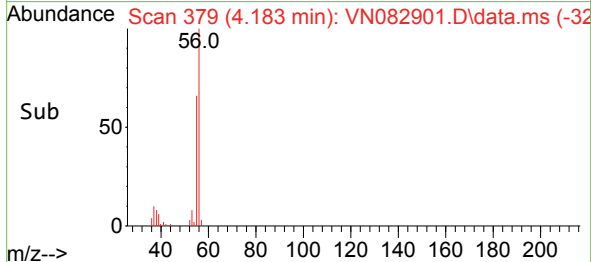
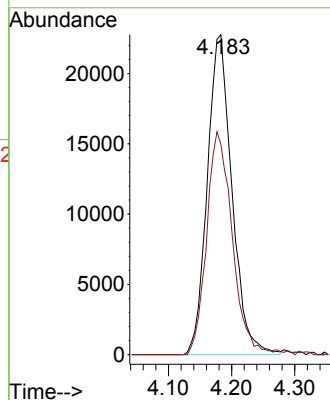
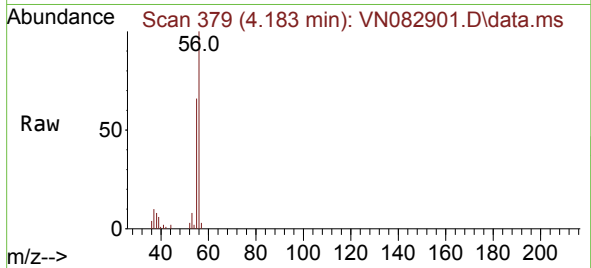




#13
Acrolein
Concen: 304.171 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

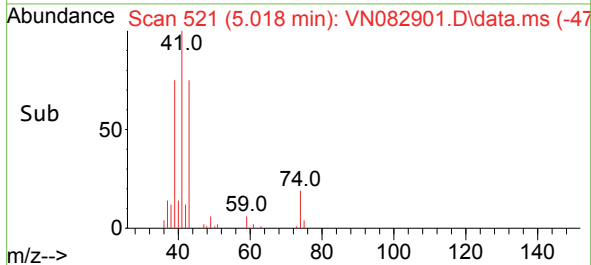
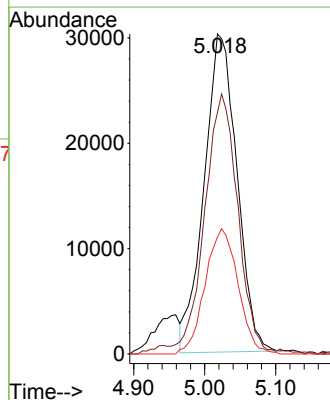
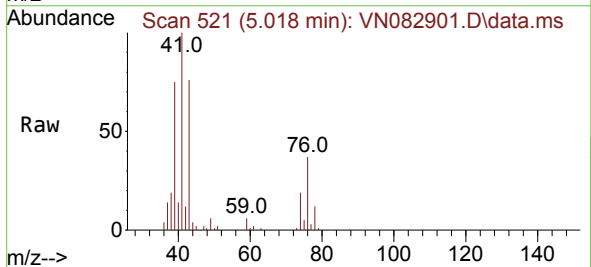
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

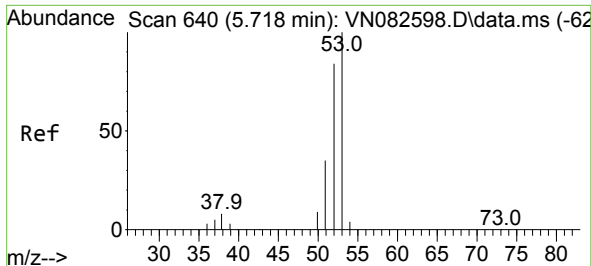
Tgt Ion: 56 Resp: 61693
Ion Ratio Lower Upper
56 100
55 72.7 56.4 84.6



#14
Allyl chloride
Concen: 51.228 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion: 41 Resp: 97154
Ion Ratio Lower Upper
41 100
39 81.0 67.8 101.6
76 39.4 25.8 38.8#

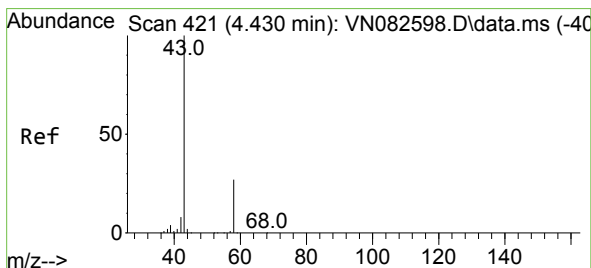
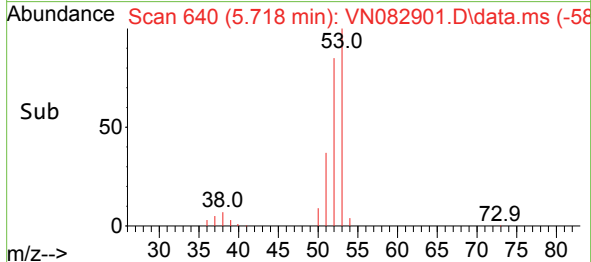
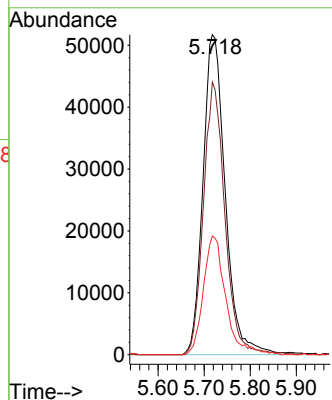
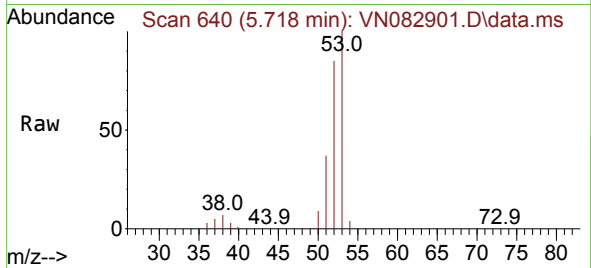




#15
Acrylonitrile
Concen: 268.949 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

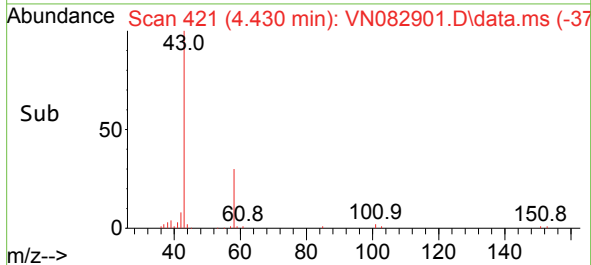
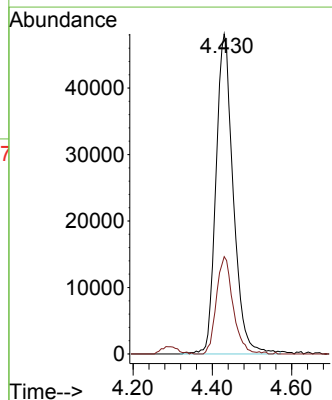
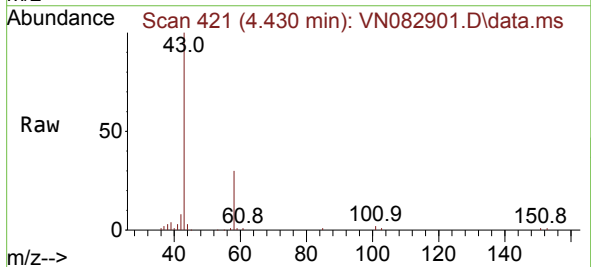
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

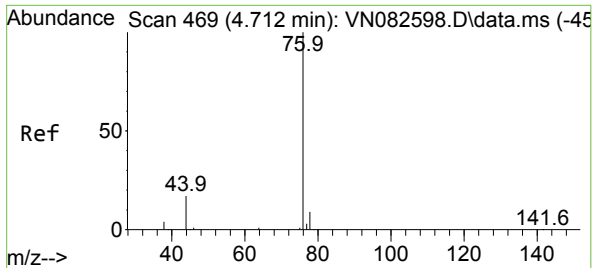
Tgt Ion: 53 Resp: 173639
Ion Ratio Lower Upper
53 100
52 82.4 66.6 100.0
51 37.3 30.1 45.1



#16
Acetone
Concen: 248.254 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion: 43 Resp: 145988
Ion Ratio Lower Upper
43 100
58 30.4 21.8 32.6

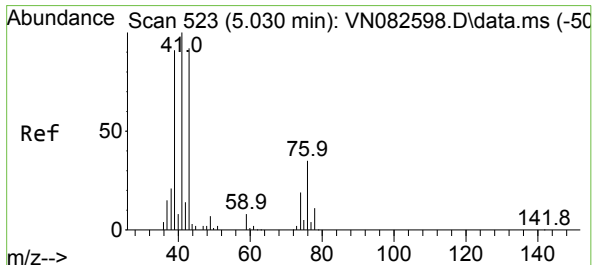
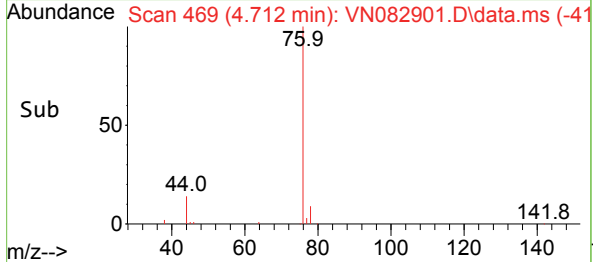
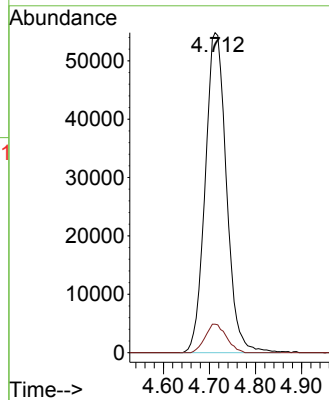
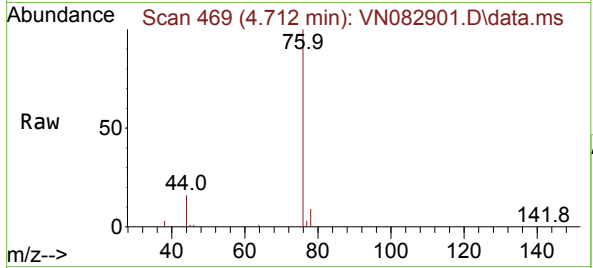




#17
Carbon Disulfide
Concen: 48.408 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

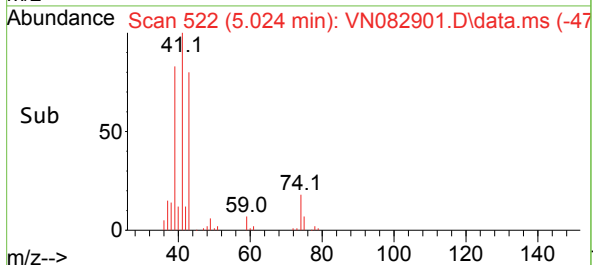
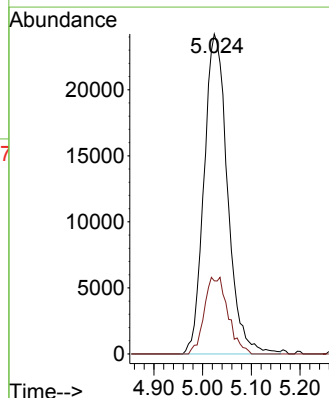
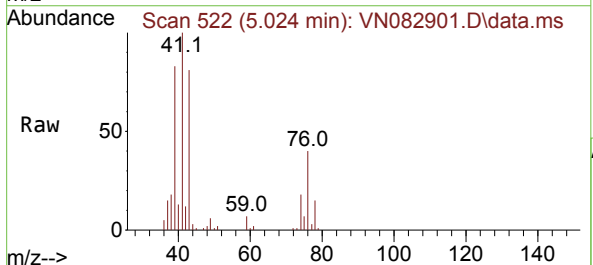
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

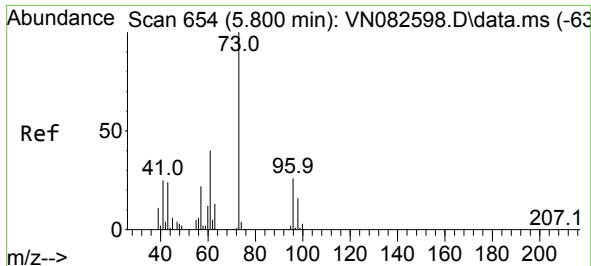
Tgt Ion: 76 Resp: 175945
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 52.131 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion: 43 Resp: 81119
Ion Ratio Lower Upper
43 100
74 24.1 16.3 24.5

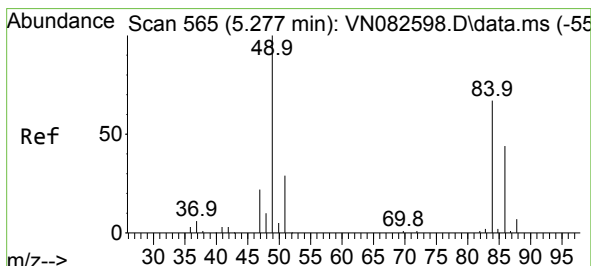
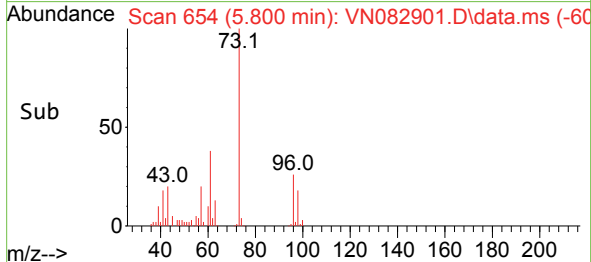
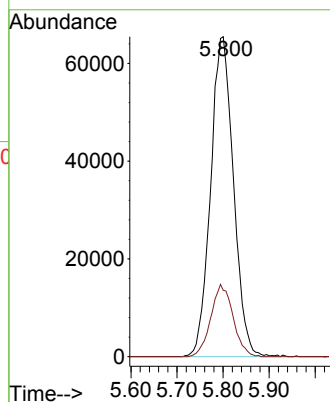
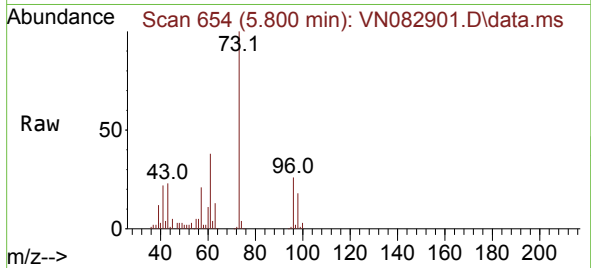




#19
Methyl tert-butyl Ether
Concen: 53.738 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

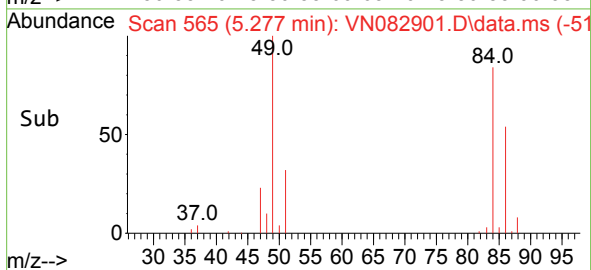
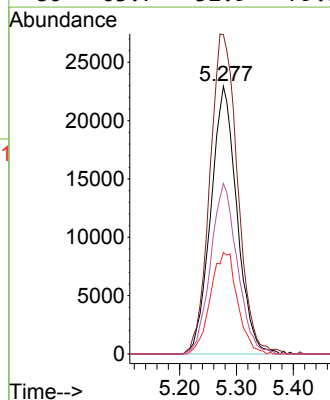
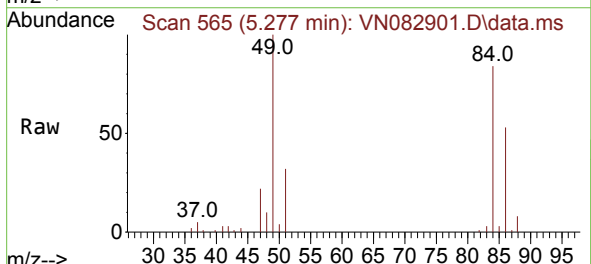
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

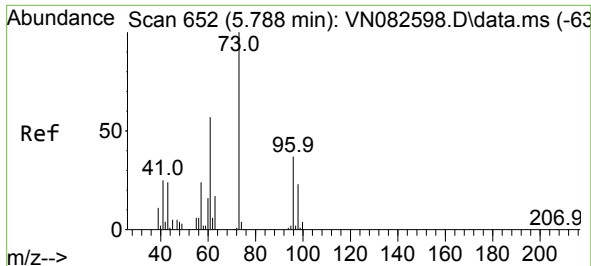
Tgt Ion: 73 Resp: 225475
Ion Ratio Lower Upper
73 100
57 20.8 17.9 26.9



#20
Methylene Chloride
Concen: 51.628 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion: 84 Resp: 73320
Ion Ratio Lower Upper
84 100
49 119.3 119.6 179.4#
51 37.9 34.8 52.2
86 63.7 52.9 79.3

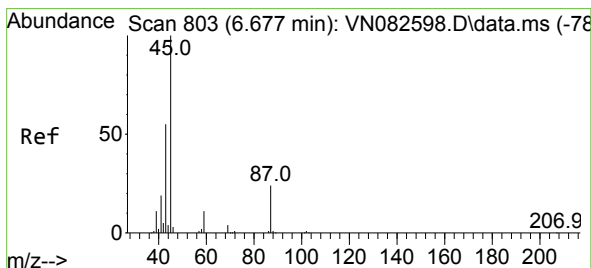
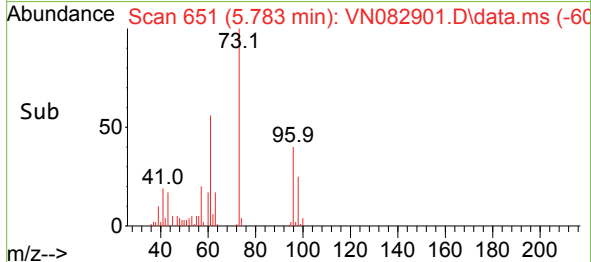
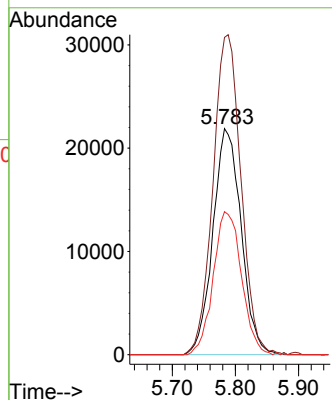
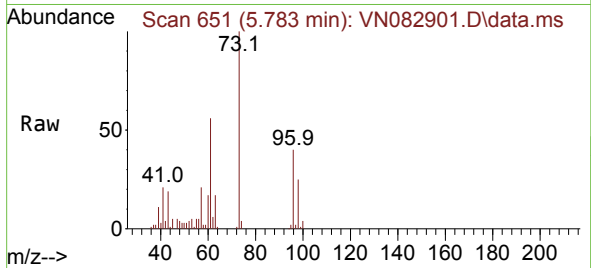




#21
trans-1,2-Dichloroethene
Concen: 51.521 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

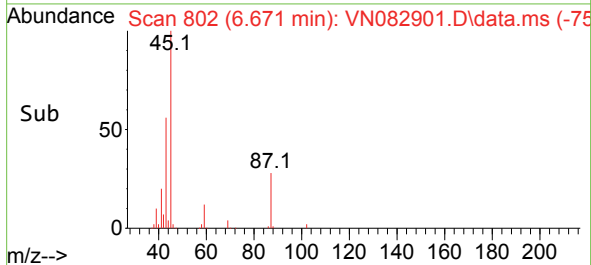
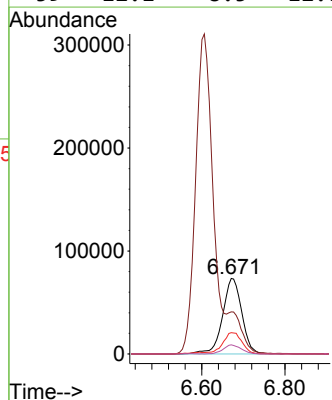
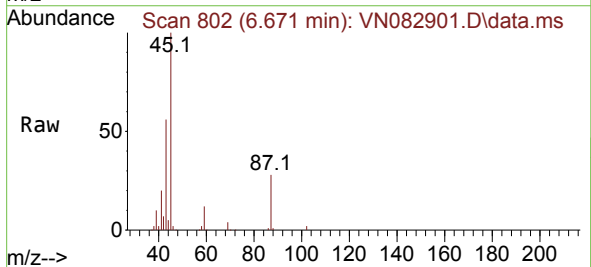
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

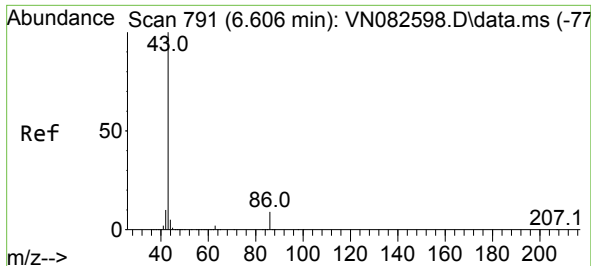
Tgt Ion: 96 Resp: 67902
Ion Ratio Lower Upper
96 100
61 140.3 123.4 185.2
98 63.3 49.3 73.9



#22
Diisopropyl ether
Concen: 59.275 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion: 45 Resp: 235185
Ion Ratio Lower Upper
45 100
43 54.9 44.0 66.0
87 28.3 19.7 29.5
59 12.1 8.5 12.7

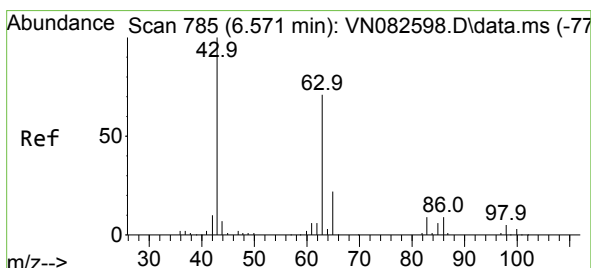
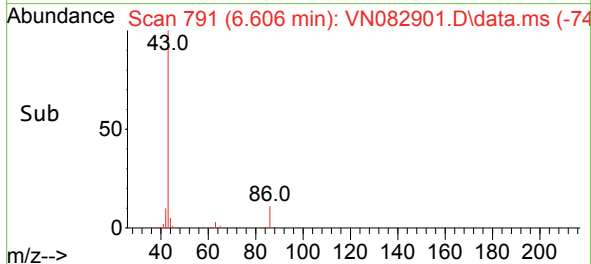
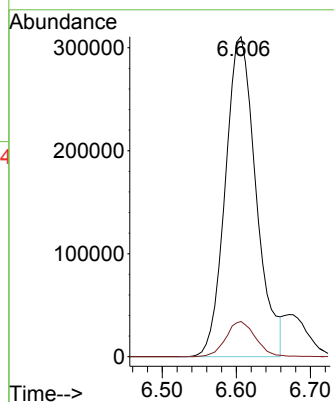
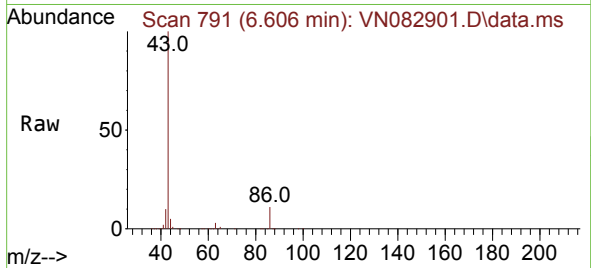




#23
 Vinyl Acetate
 Concen: 284.337 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082901.D
 Acq: 12 Jul 2024 15:52

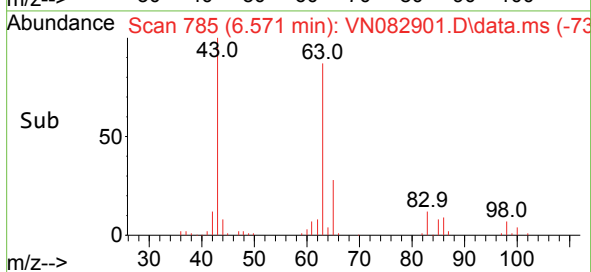
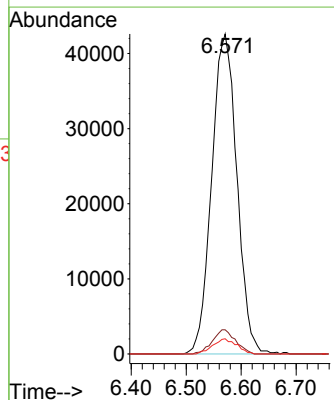
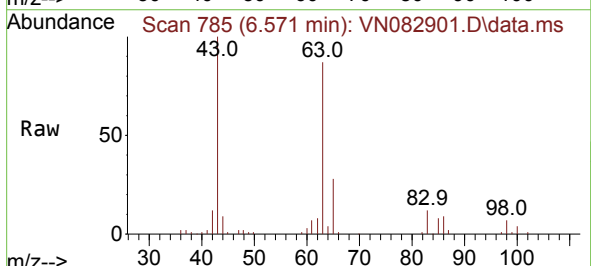
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-828-830MS

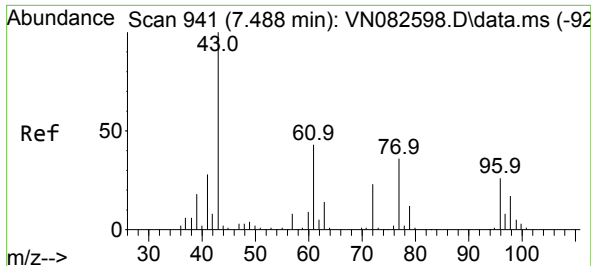
Tgt Ion: 43 Resp: 895912
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.3 10.9#



#24
 1,1-Dichloroethane
 Concen: 56.353 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082901.D
 Acq: 12 Jul 2024 15:52

Tgt Ion: 63 Resp: 135626
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.9
 100 4.8 2.0 6.0

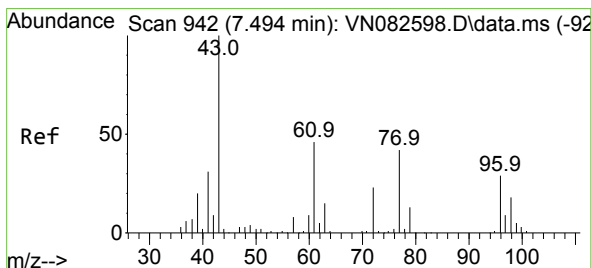
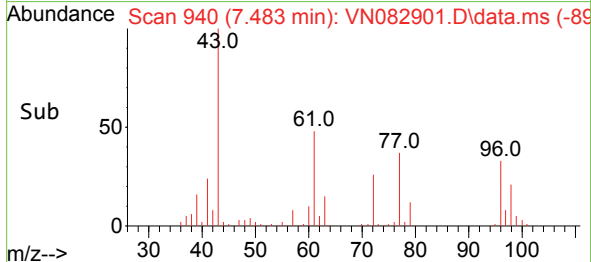
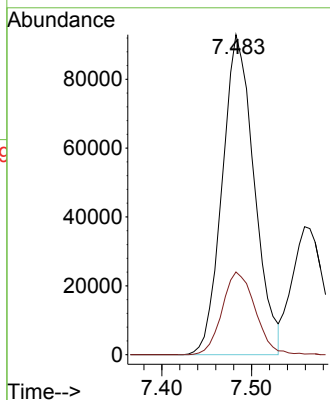
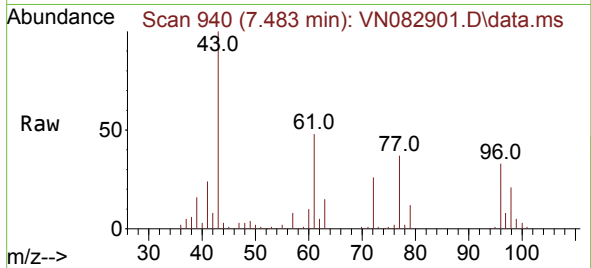




#25
2-Butanone
Concen: 259.311 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

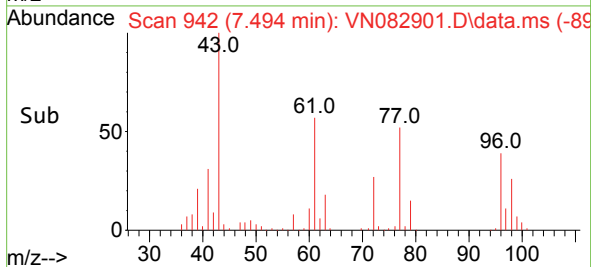
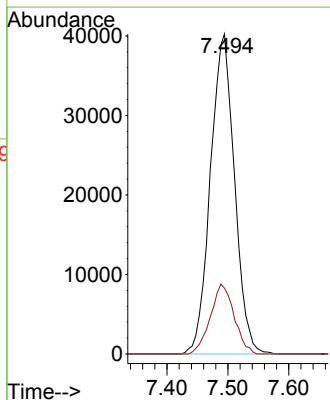
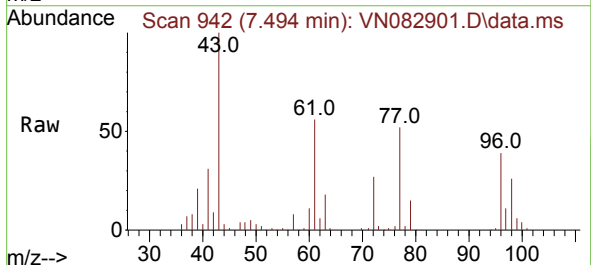
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

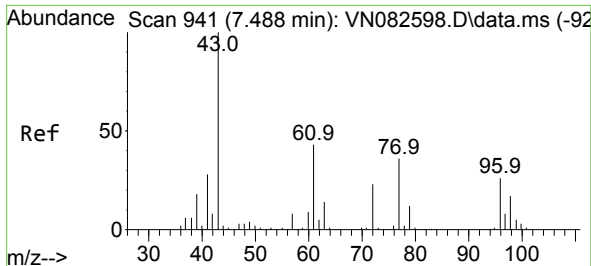
Tgt Ion: 43 Resp: 230252
Ion Ratio Lower Upper
43 100
72 25.9 18.2 27.2



#26
2,2-Dichloropropane
Concen: 49.370 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion: 77 Resp: 110476
Ion Ratio Lower Upper
77 100
97 21.5 10.3 30.9

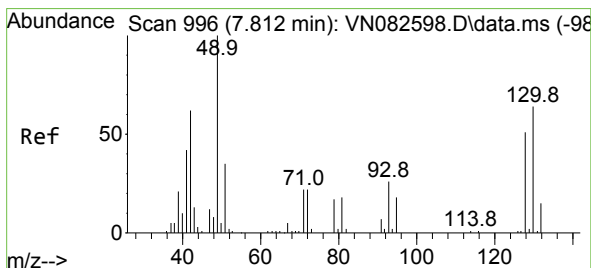
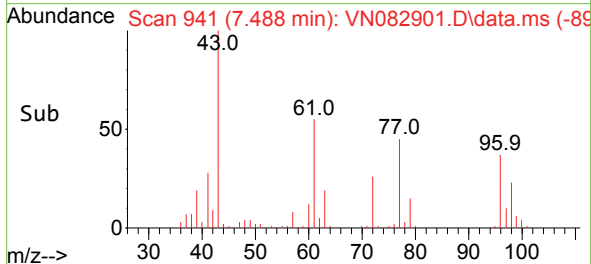
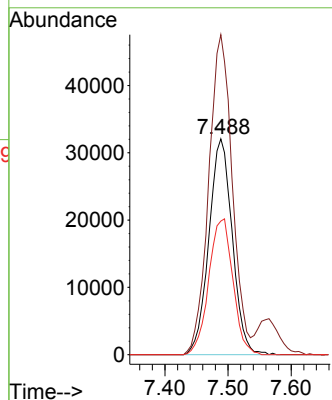
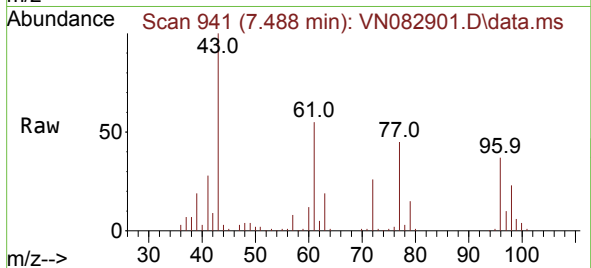




#27
 cis-1,2-Dichloroethene
 Concen: 53.488 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082901.D
 Acq: 12 Jul 2024 15:52

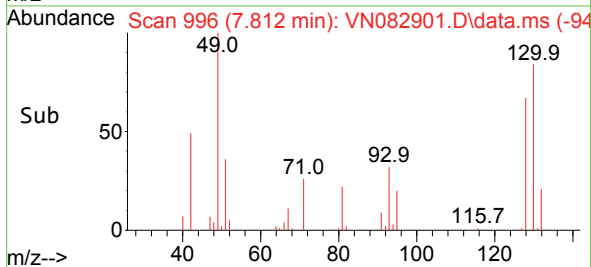
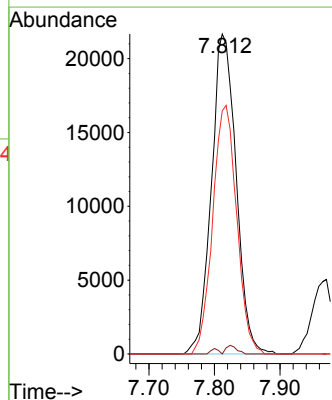
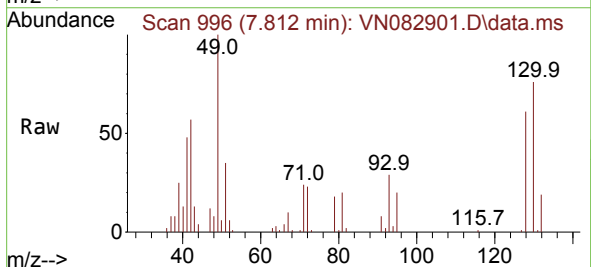
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-828-830MS

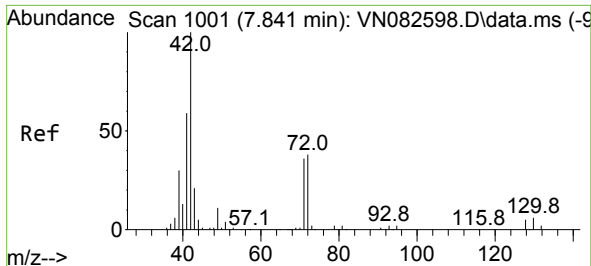
Tgt Ion: 96 Resp: 82531
 Ion Ratio Lower Upper
 96 100
 61 149.0 0.0 329.6
 98 64.9 0.0 128.6



#28
 Bromochloromethane
 Concen: 54.724 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN082901.D
 Acq: 12 Jul 2024 15:52

Tgt Ion: 49 Resp: 56501
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.8
 130 75.5 50.5 75.7

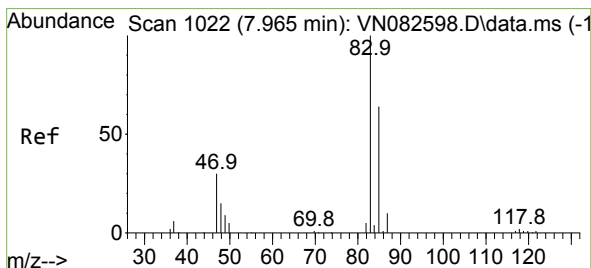
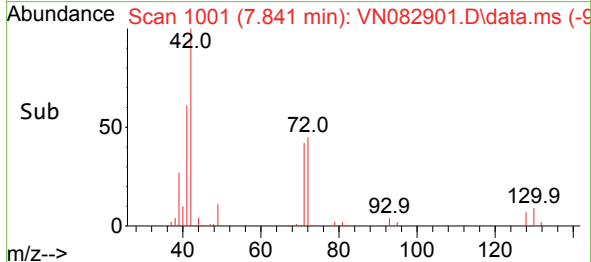
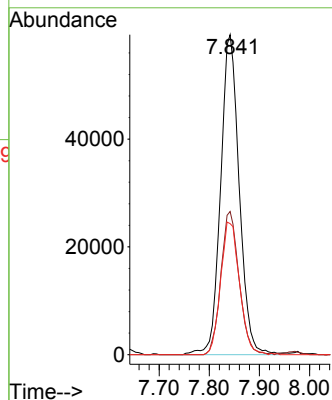
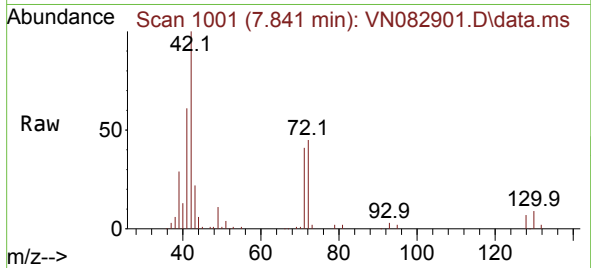




#29
Tetrahydrofuran
Concen: 273.764 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

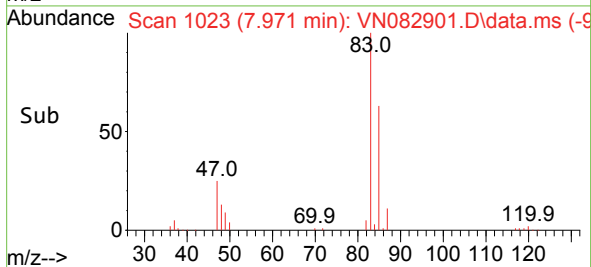
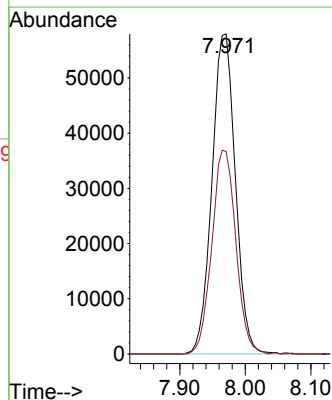
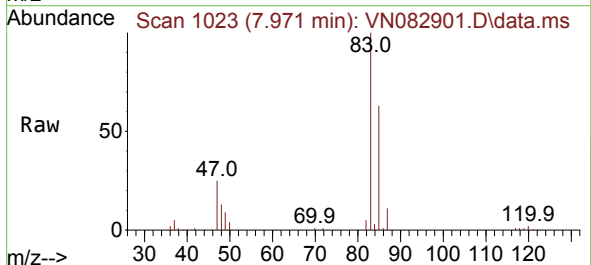
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

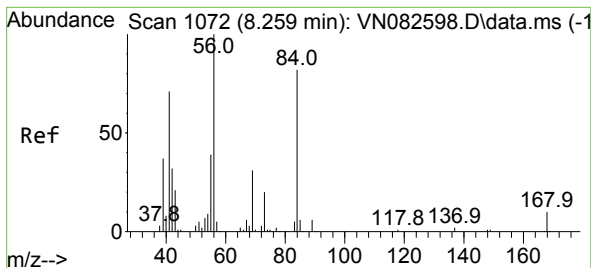
Tgt Ion: 42 Resp: 153035
Ion Ratio Lower Upper
42 100
72 43.8 30.0 45.0
71 42.0 28.3 42.5



#30
Chloroform
Concen: 56.307 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion: 83 Resp: 143765
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3

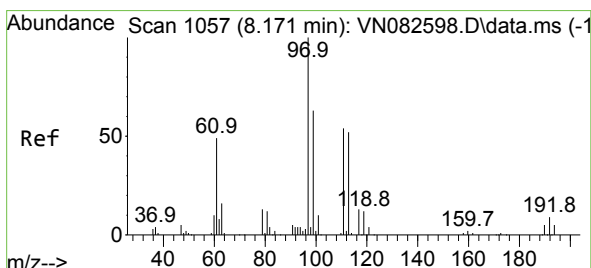
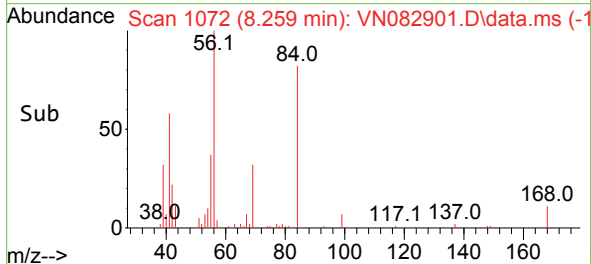
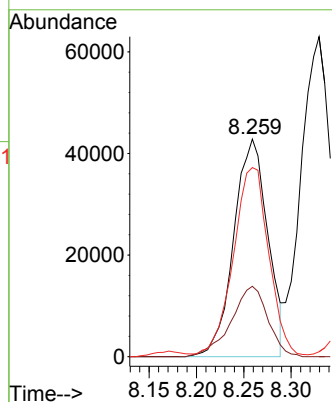
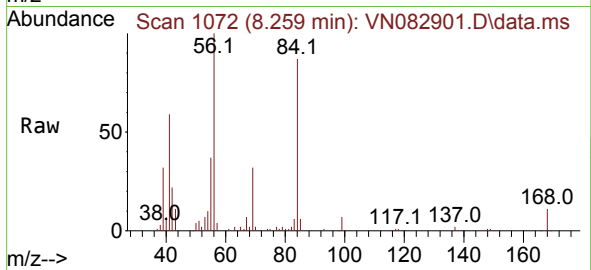




#31
Cyclohexane
Concen: 48.914 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

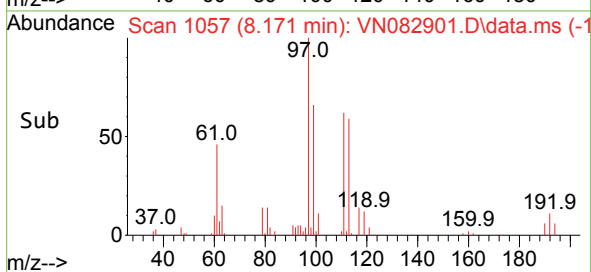
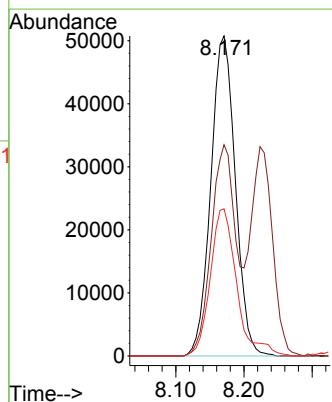
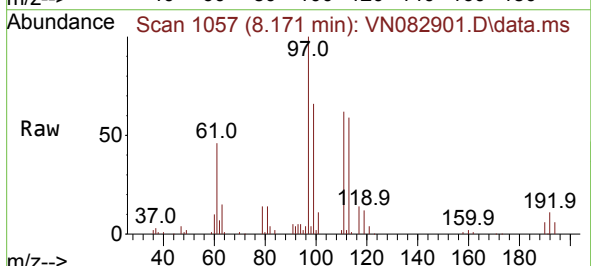
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

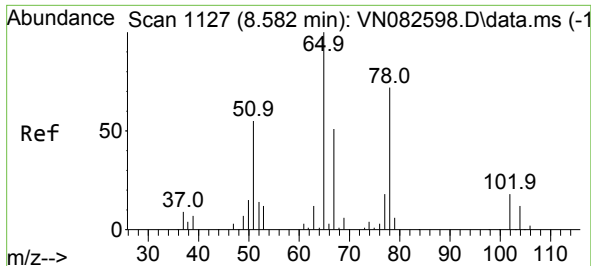
Tgt Ion: 56 Resp: 106812
Ion Ratio Lower Upper
56 100
69 32.3 24.5 36.7
84 85.1 66.0 99.0



#32
1,1,1-Trichloroethane
Concen: 53.591 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion: 97 Resp: 127039
Ion Ratio Lower Upper
97 100
99 67.5 52.0 78.0
61 49.6 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 50.876 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

Instrument :

MSVOA_N

ClientSampleId :

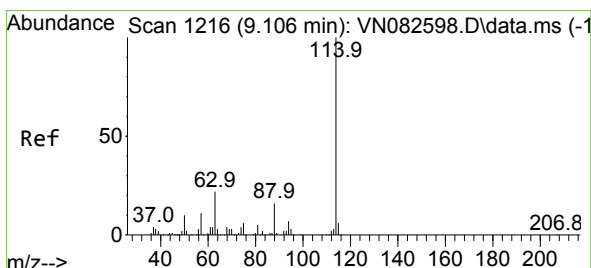
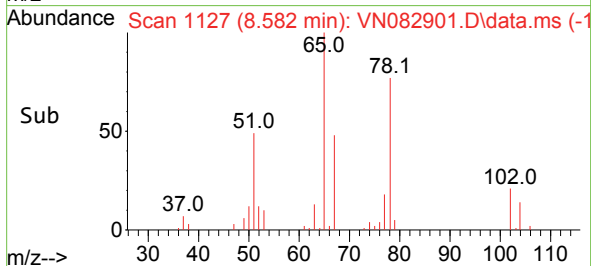
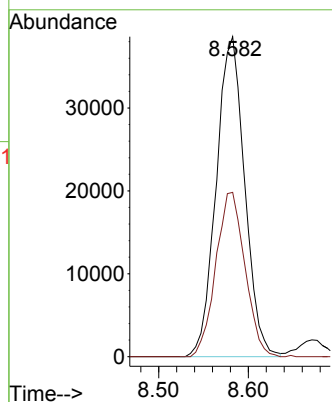
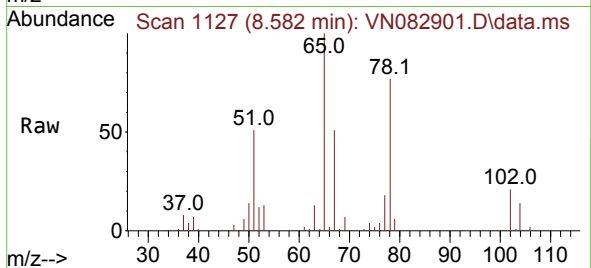
BP-VPB-189-GW-828-830MS

Tgt Ion: 65 Resp: 84977

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

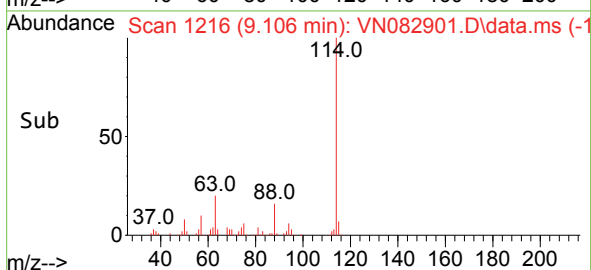
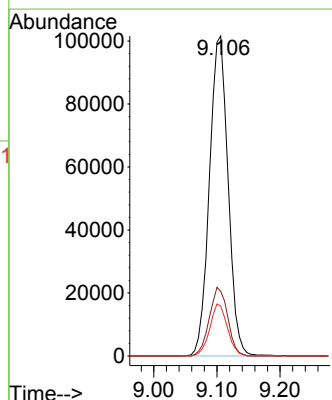
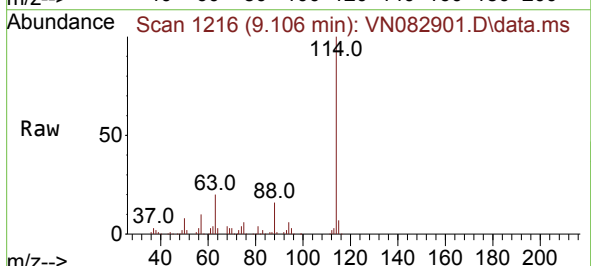
Tgt Ion: 114 Resp: 208078

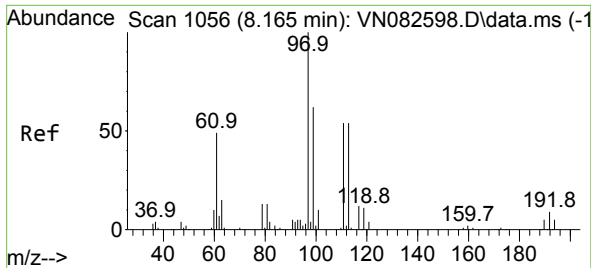
Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.6

88 15.6 0.0 31.4

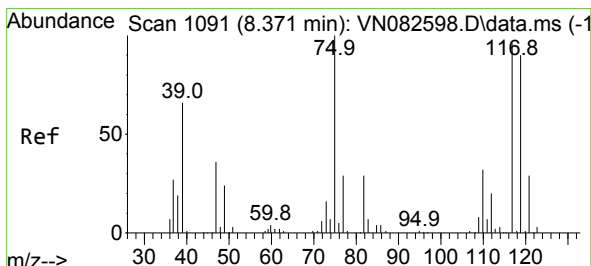
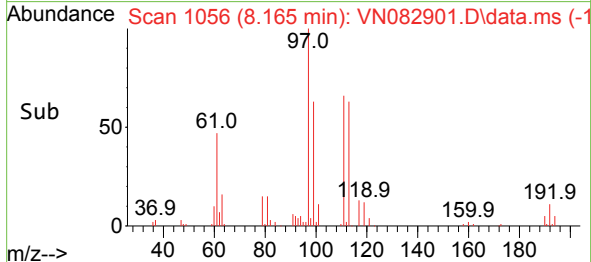
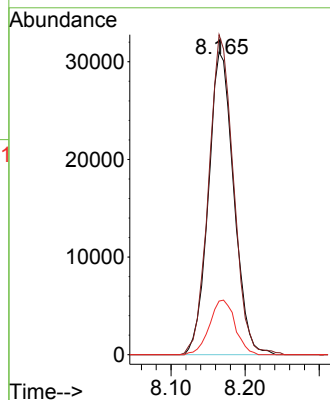
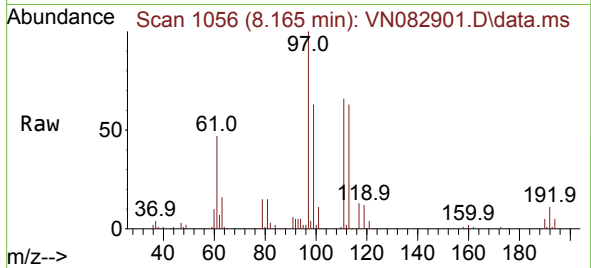




#35
Dibromofluoromethane
Concen: 55.216 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

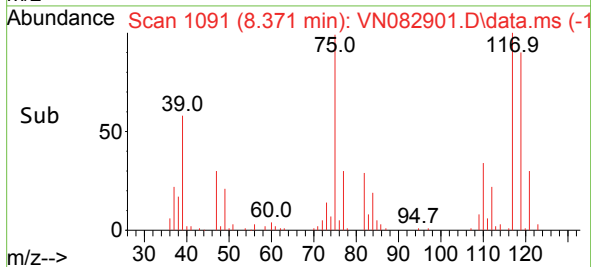
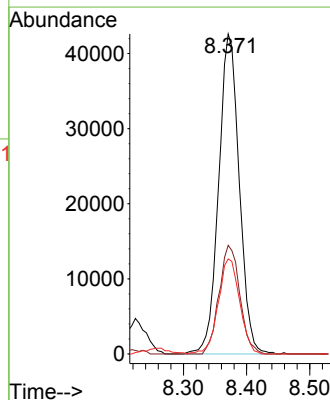
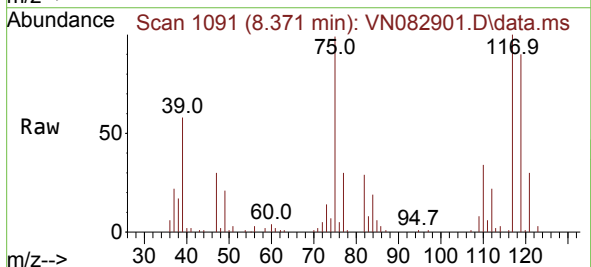
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

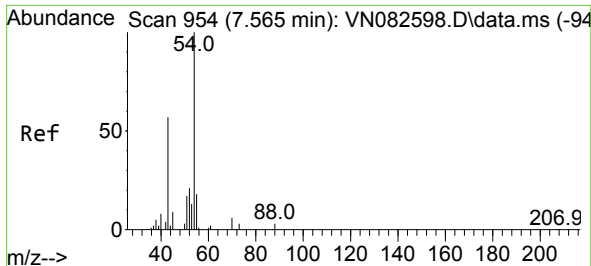
Tgt Ion:113 Resp: 73724
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 18.2 14.9 22.3



#36
1,1-Dichloropropene
Concen: 52.434 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion: 75 Resp: 96525
Ion Ratio Lower Upper
75 100
110 34.3 16.3 48.9
77 30.9 24.6 37.0





#37

Ethyl Acetate

Concen: 51.043 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN082901.D

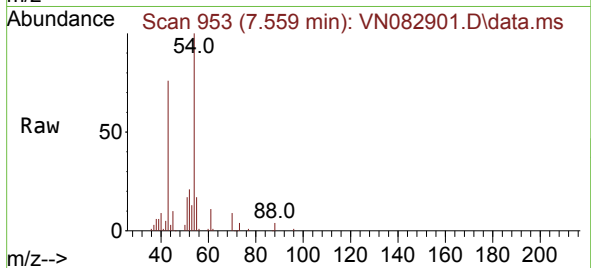
Acq: 12 Jul 2024 15:52

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830MS



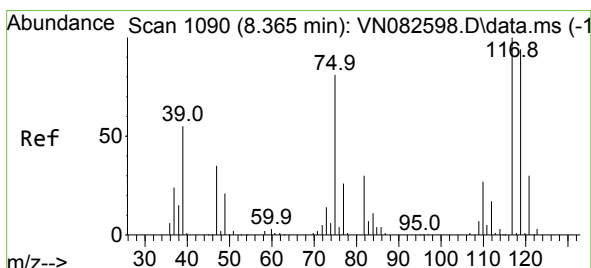
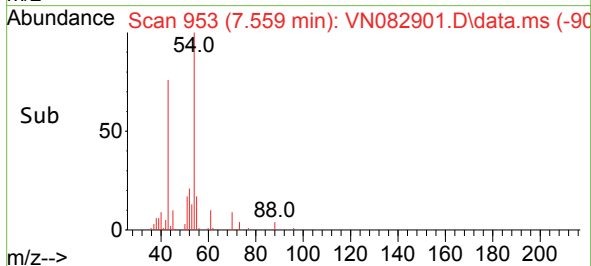
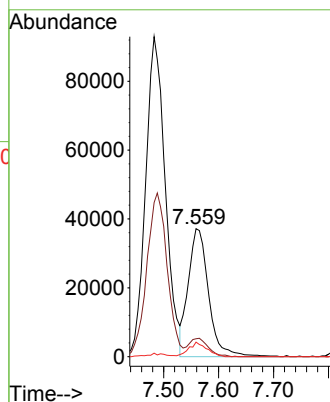
Tgt Ion: 43 Resp: 95664

Ion Ratio Lower Upper

43 100

61 13.8 9.3 13.9

70 9.9 7.0 10.6



#38

Carbon Tetrachloride

Concen: 51.247 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

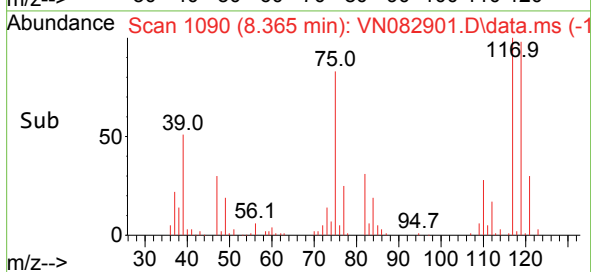
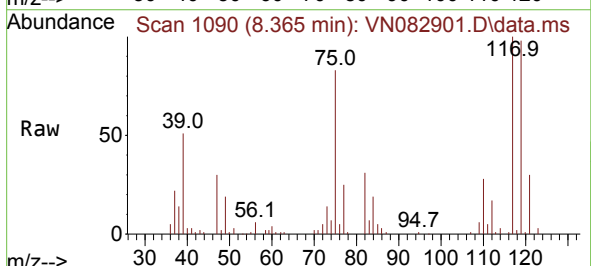
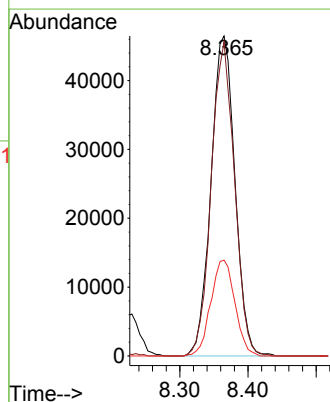
Tgt Ion: 117 Resp: 113588

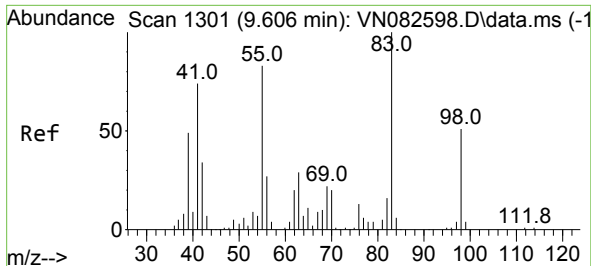
Ion Ratio Lower Upper

117 100

119 98.1 74.9 112.3

121 30.0 24.3 36.5

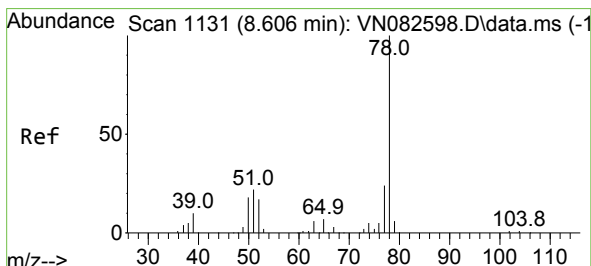
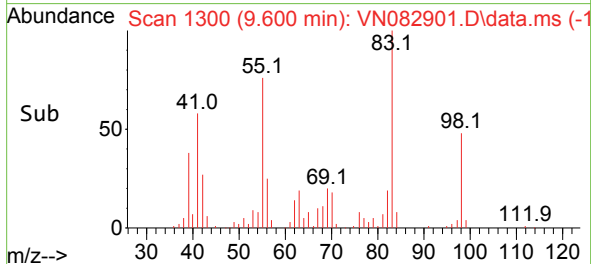
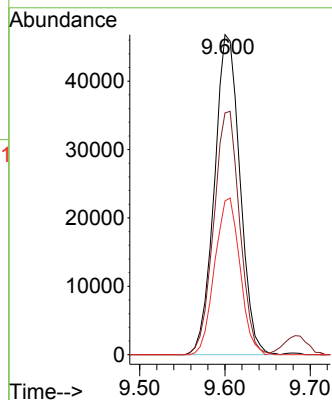
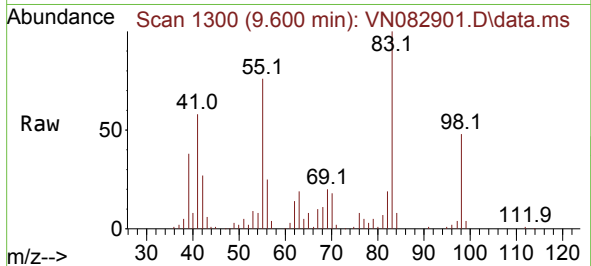




#39
Methylcyclohexane
Concen: 49.062 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

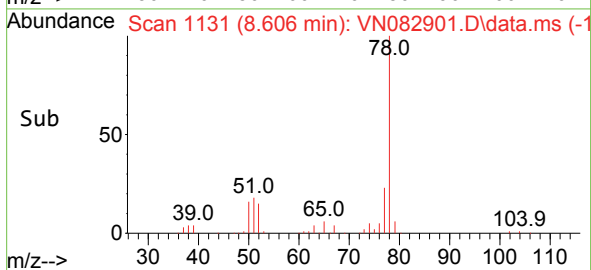
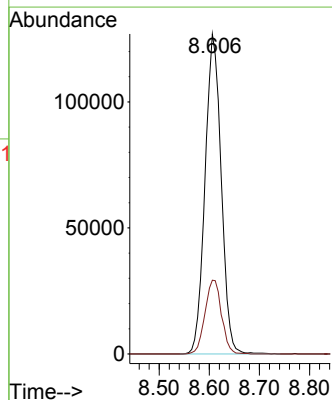
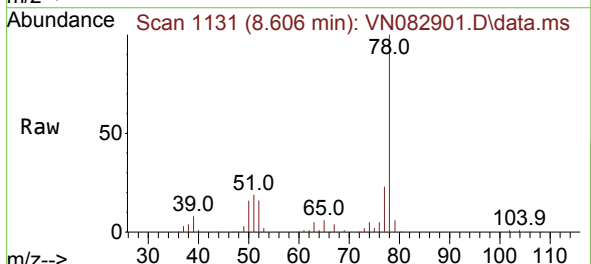
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

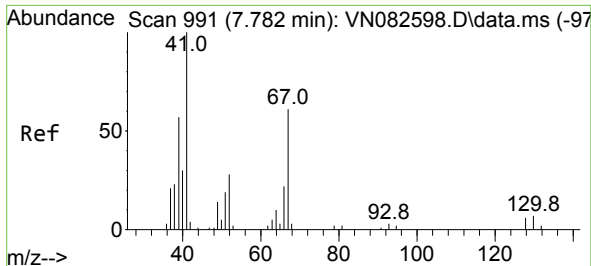
Tgt Ion: 83 Resp: 97559
Ion Ratio Lower Upper
83 100
55 75.5 66.4 99.6
98 48.1 40.7 61.1



#40
Benzene
Concen: 50.196 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion: 78 Resp: 284238
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4

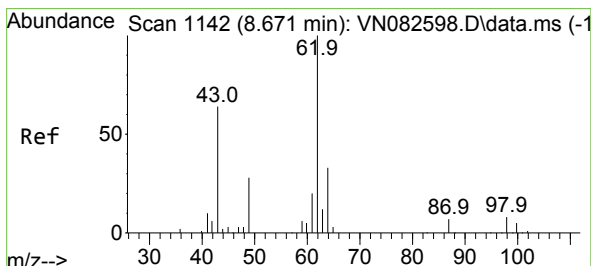
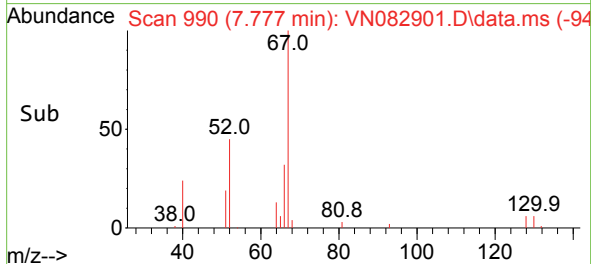
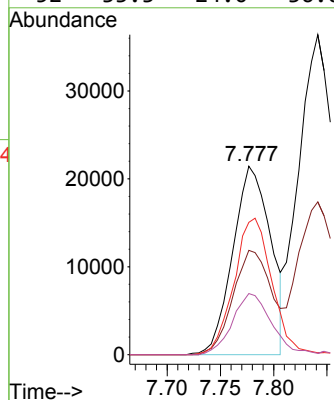
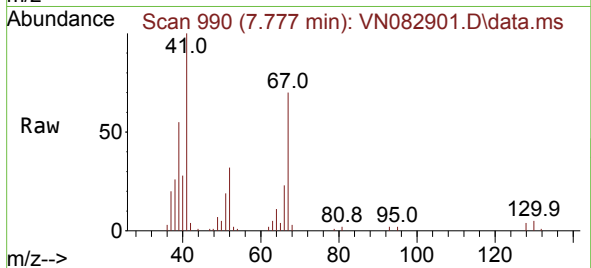




#41
Methacrylonitrile
Concen: 52.387 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

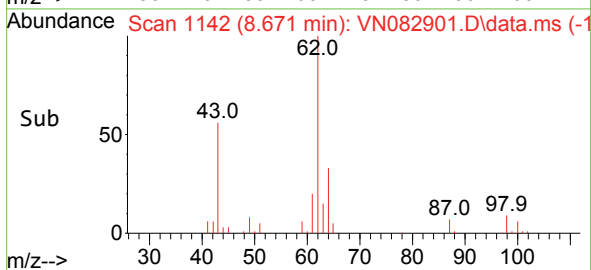
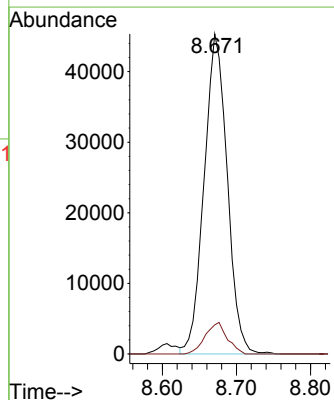
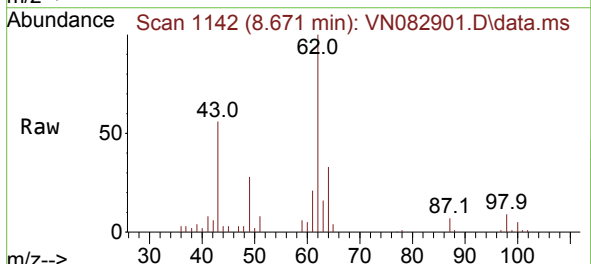
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

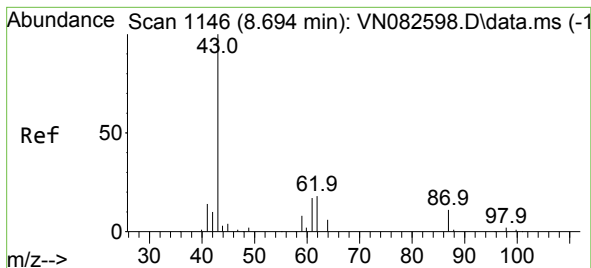
Tgt Ion:	41	Resp:	52895
Ion Ratio	Lower	Upper	
41	100		
39	56.0	45.5	68.3
67	72.8	50.5	75.7
52	33.3	24.0	36.0



#42
1,2-Dichloroethane
Concen: 48.209 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion:	62	Resp:	98275
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	15.8





#43

Isopropyl Acetate

Concen: 42.882 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830MS

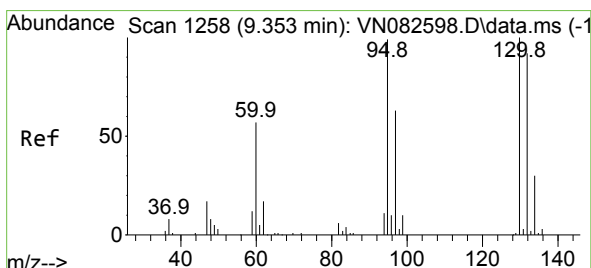
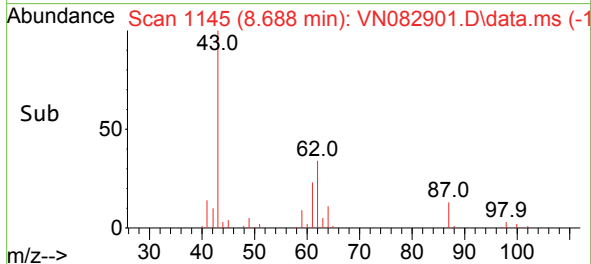
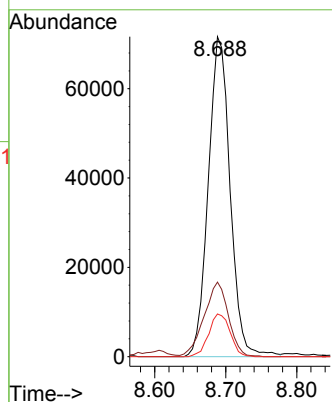
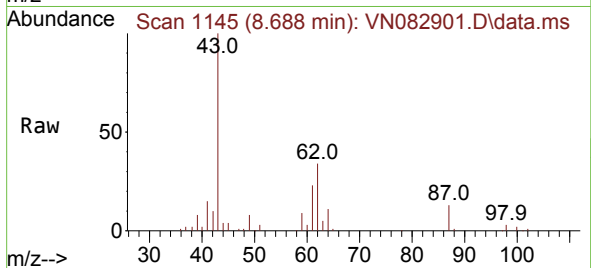
Tgt Ion: 43 Resp: 153034

Ion Ratio Lower Upper

43 100

61 26.0 17.8 26.6

87 13.1 8.2 12.2#



#44

Trichloroethene

Concen: 48.595 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN082901.D

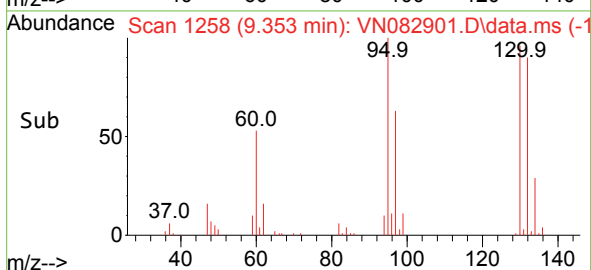
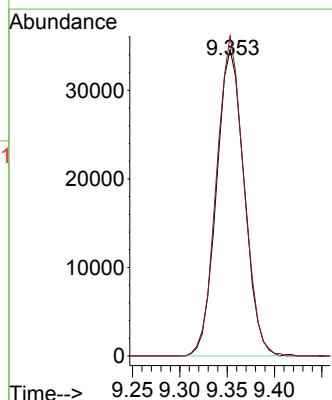
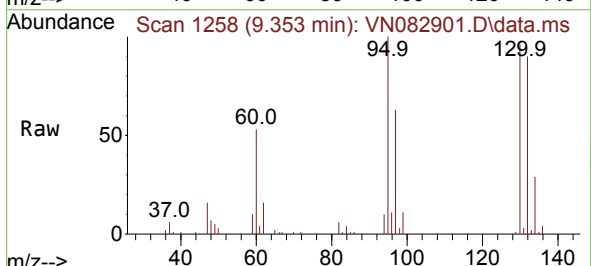
Acq: 12 Jul 2024 15:52

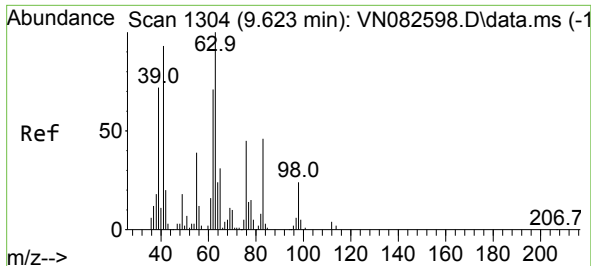
Tgt Ion:130 Resp: 70498

Ion Ratio Lower Upper

130 100

95 104.5 0.0 197.8





#45

1,2-Dichloropropane

Concen: 57.396 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.001 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

Instrument :

MSVOA_N

ClientSampleId :

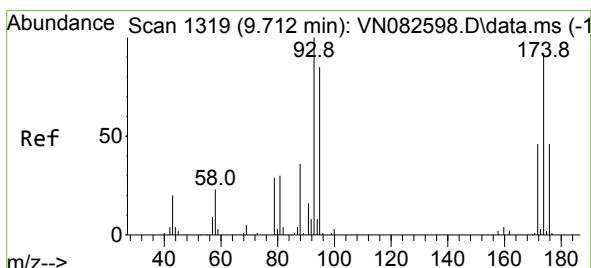
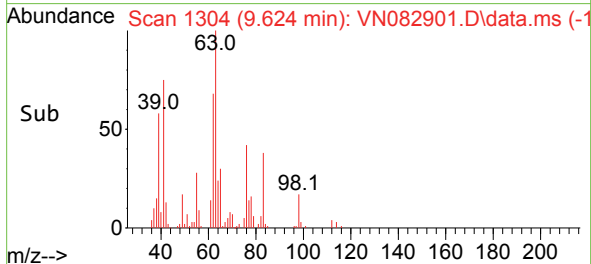
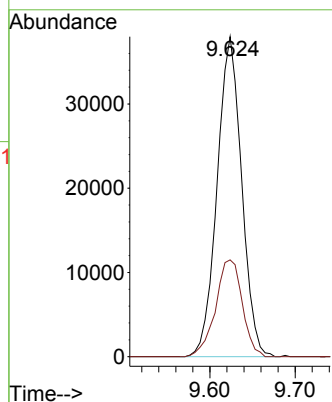
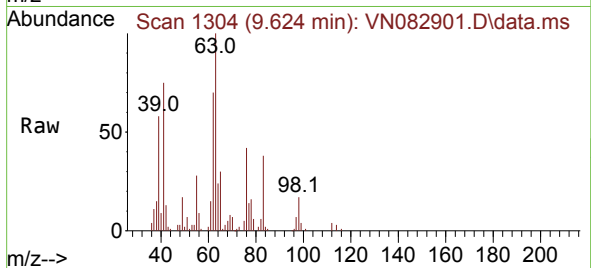
BP-VPB-189-GW-828-830MS

Tgt Ion: 63 Resp: 75878

Ion Ratio Lower Upper

63 100

65 30.2 24.4 36.6



#46

Dibromomethane

Concen: 53.216 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

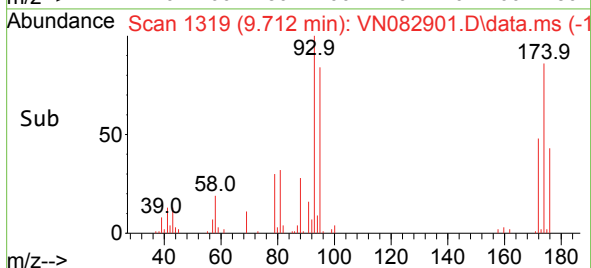
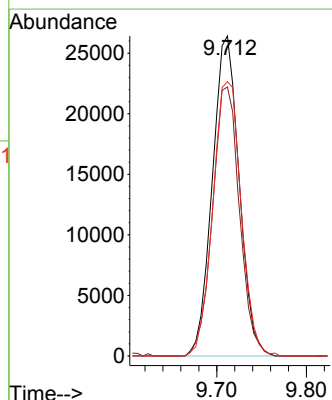
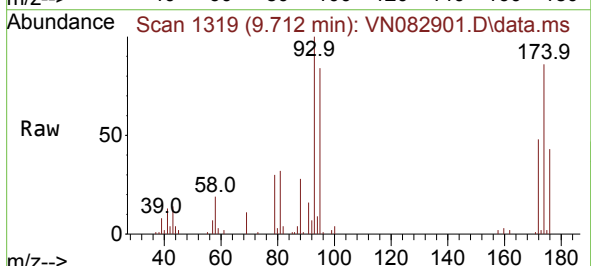
Tgt Ion: 93 Resp: 54807

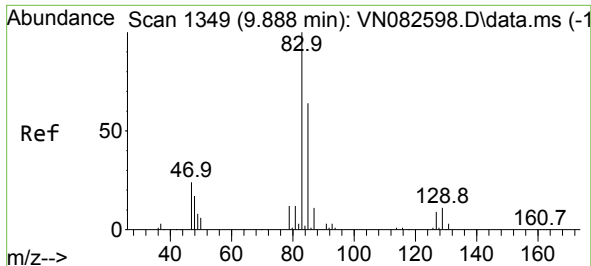
Ion Ratio Lower Upper

93 100

95 84.5 65.8 98.6

174 90.5 71.7 107.5

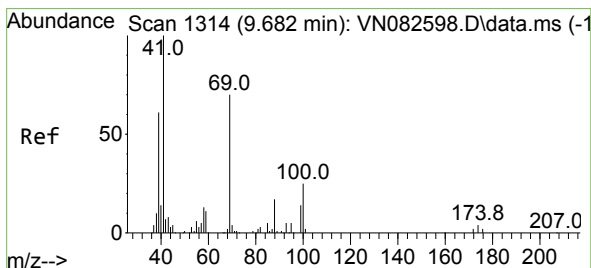
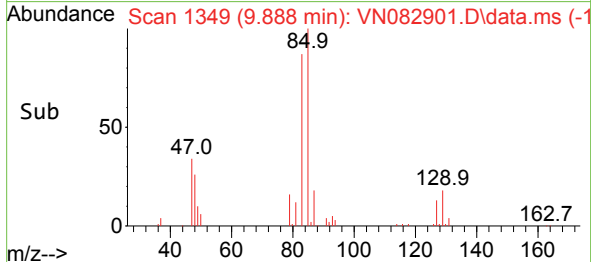
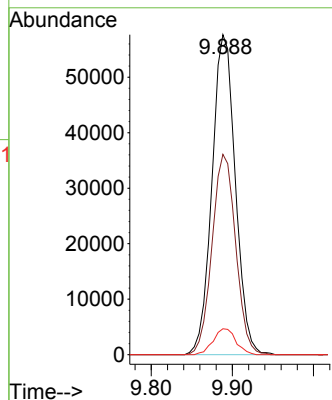
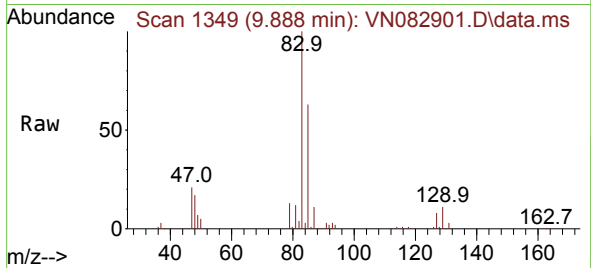




#47
Bromodichloromethane
Concen: 54.182 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

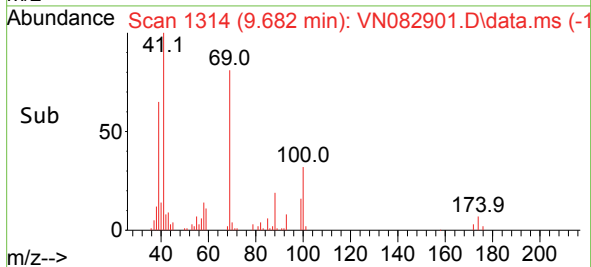
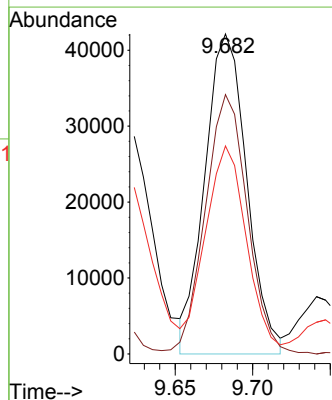
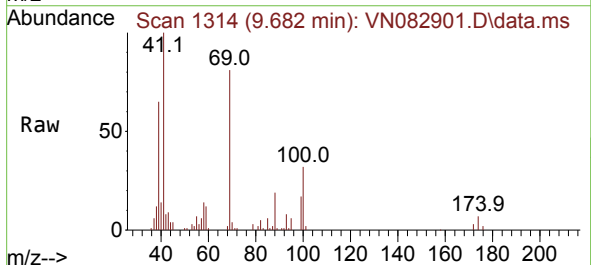
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

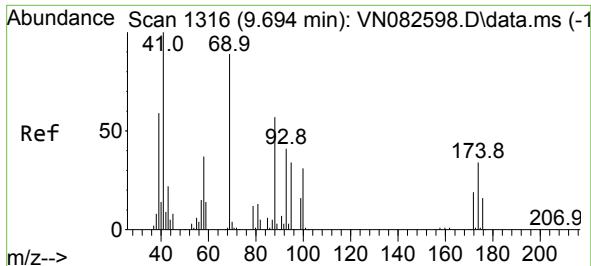
Tgt Ion: 83 Resp: 115300
Ion Ratio Lower Upper
83 100
85 62.6 51.1 76.7
127 8.1 7.2 10.8



#48
Methyl methacrylate
Concen: 53.892 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion: 41 Resp: 79197
Ion Ratio Lower Upper
41 100
69 81.5 56.3 84.5
39 64.5 50.3 75.5





#49

1,4-Dioxane

Concen: 874.879 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830MS

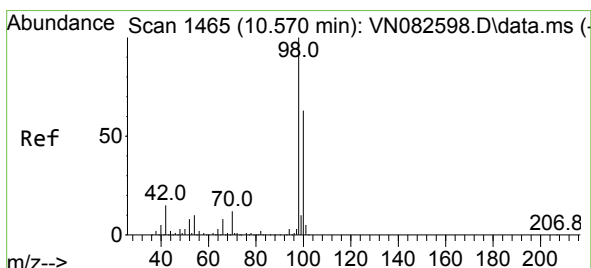
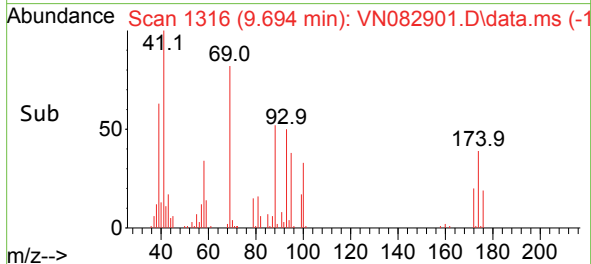
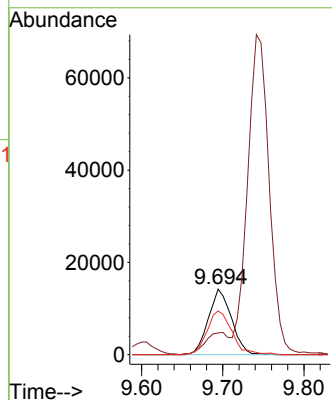
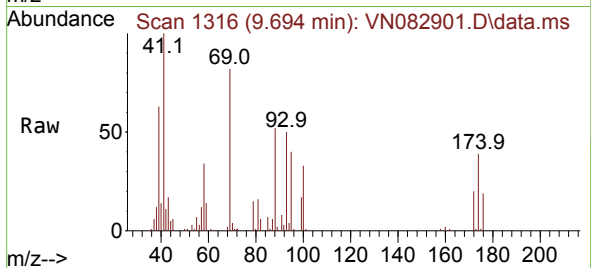
Tgt Ion: 88 Resp: 28049

Ion Ratio Lower Upper

88 100

43 37.5 27.8 41.8

58 72.3 59.4 89.0



#50

Toluene-d8

Concen: 56.108 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082901.D

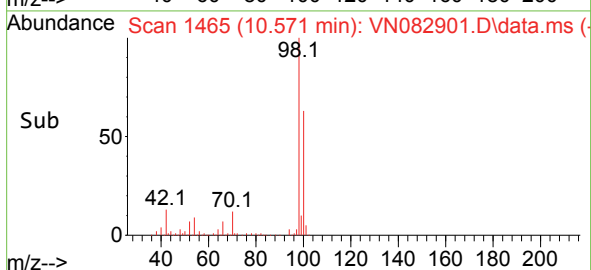
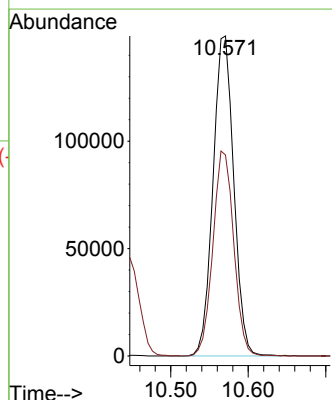
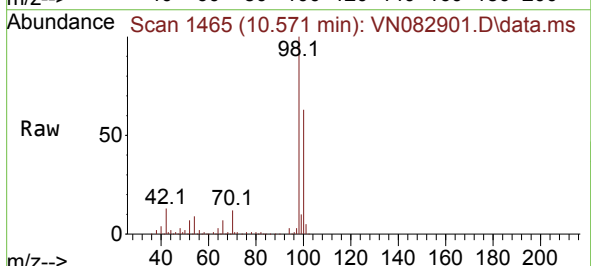
Acq: 12 Jul 2024 15:52

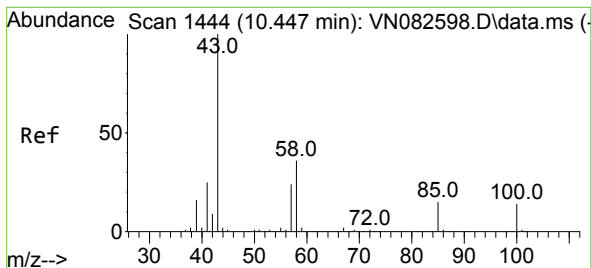
Tgt Ion: 98 Resp: 276695

Ion Ratio Lower Upper

98 100

100 64.4 51.5 77.3

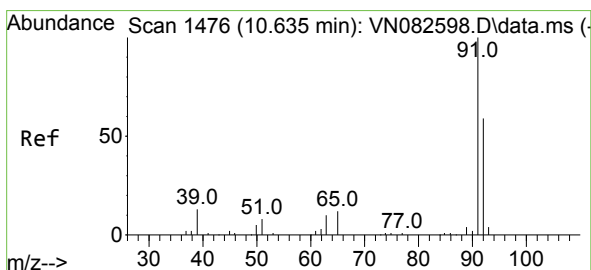
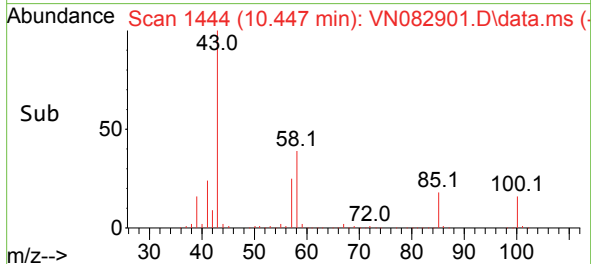
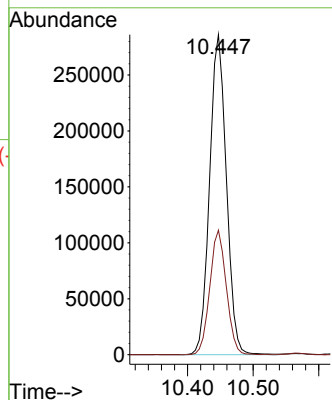
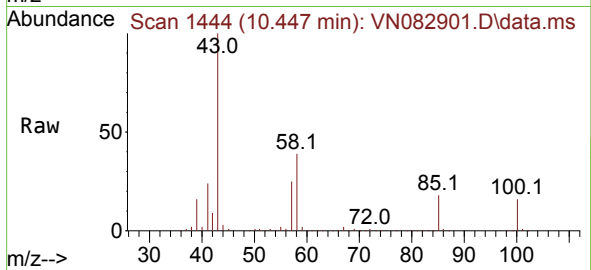




#51
4-Methyl-2-Pentanone
Concen: 273.652 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

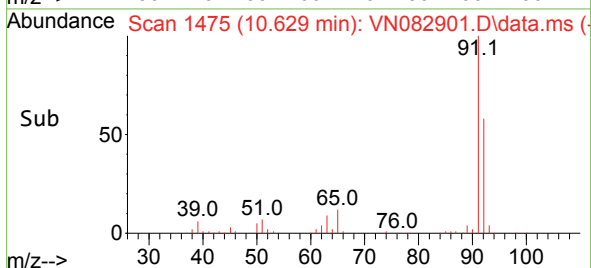
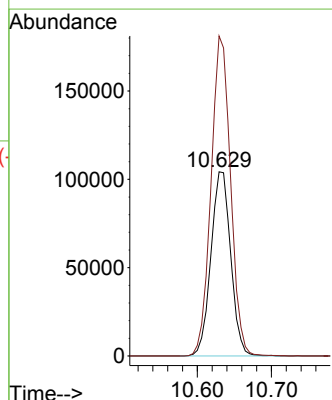
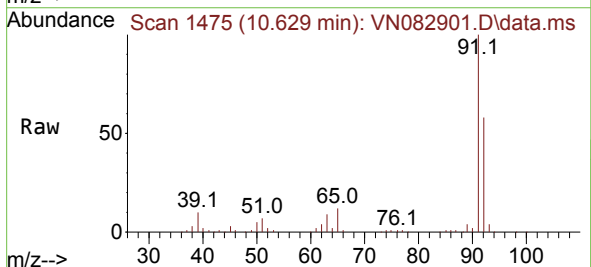
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

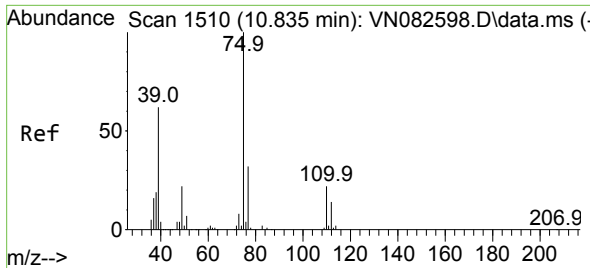
Tgt Ion: 43 Resp: 508451
Ion Ratio Lower Upper
43 100
58 38.3 28.2 42.4



#52
Toluene
Concen: 54.628 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion: 92 Resp: 193233
Ion Ratio Lower Upper
92 100
91 171.5 139.4 209.0

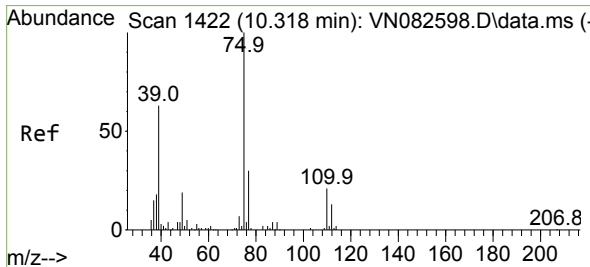
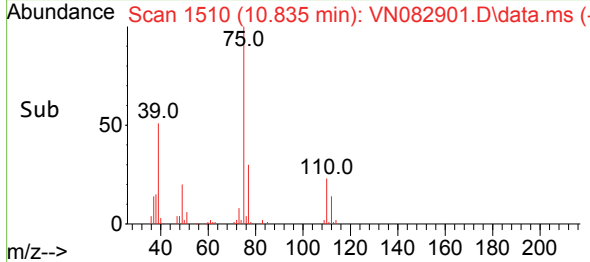
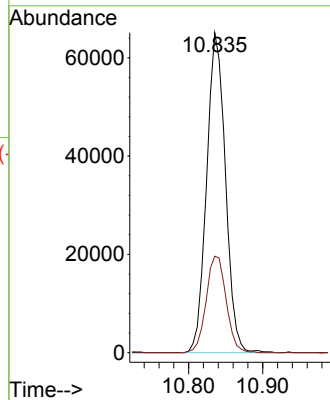
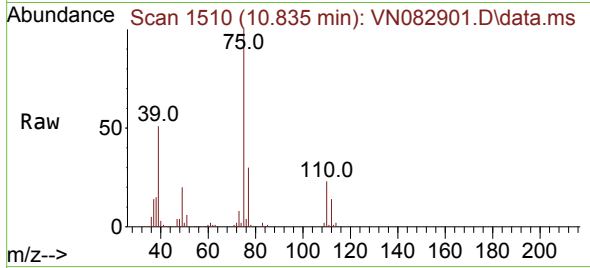




#53
 t-1,3-Dichloropropene
 Concen: 52.379 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN082901.D
 Acq: 12 Jul 2024 15:52

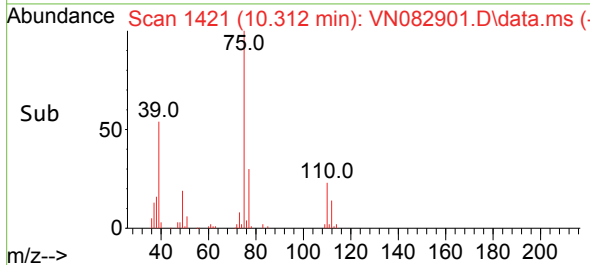
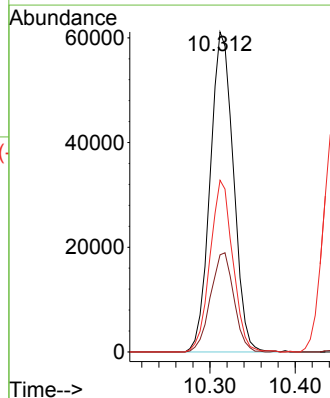
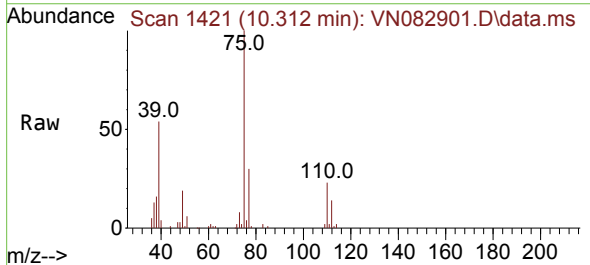
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-828-830MS

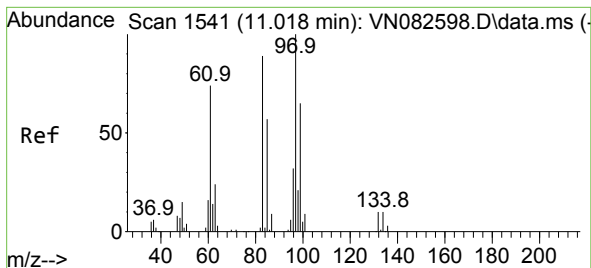
Tgt Ion: 75 Resp: 114828
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 49.913 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN082901.D
 Acq: 12 Jul 2024 15:52

Tgt Ion: 75 Resp: 115820
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.3 36.5
 39 53.6 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 55.562 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830MS

Tgt Ion: 97 Resp: 72271

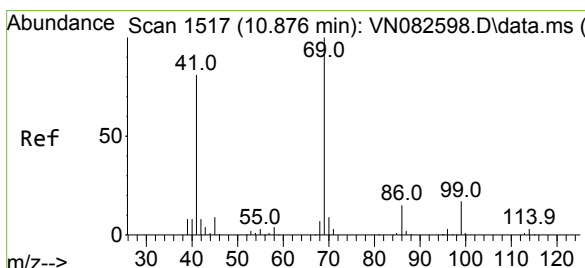
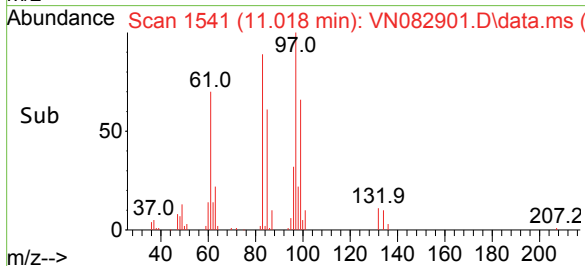
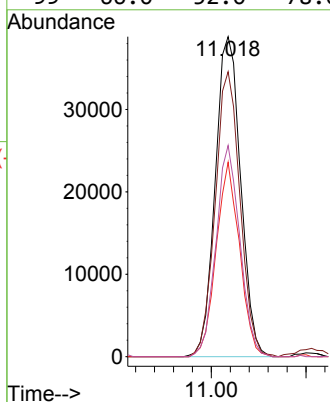
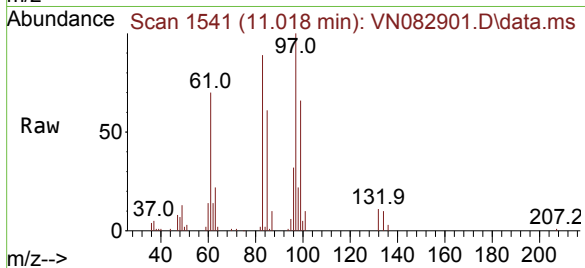
Ion Ratio Lower Upper

97 100

83 89.0 71.4 107.0

85 60.8 45.8 68.6

99 66.0 52.0 78.0



#56

Ethyl methacrylate

Concen: 56.415 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

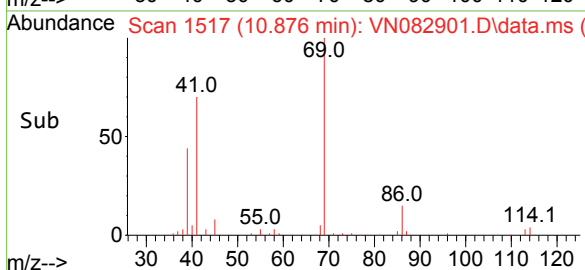
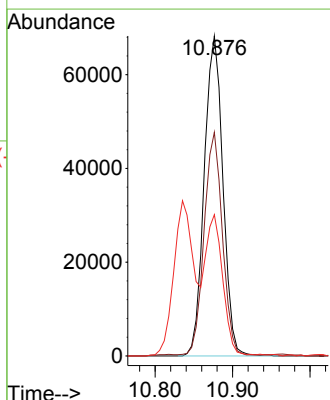
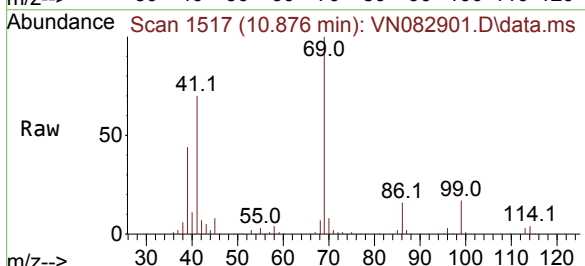
Tgt Ion: 69 Resp: 114165

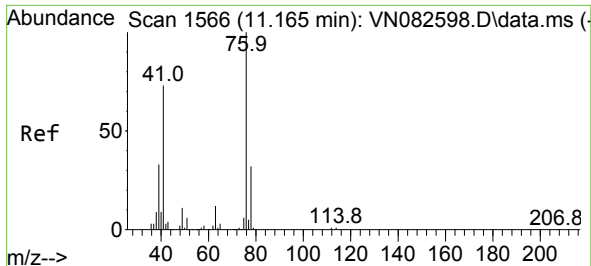
Ion Ratio Lower Upper

69 100

41 68.1 63.4 95.2

39 40.7 37.4 56.0





#57

1,3-Dichloropropane

Concen: 54.239 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082901.D

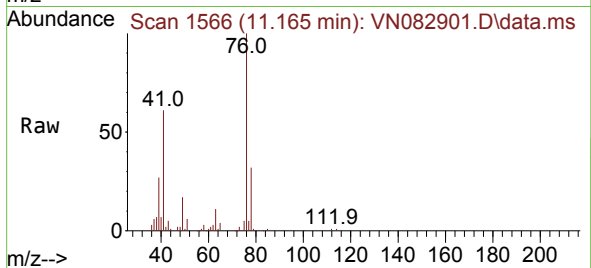
Acq: 12 Jul 2024 15:52

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830MS

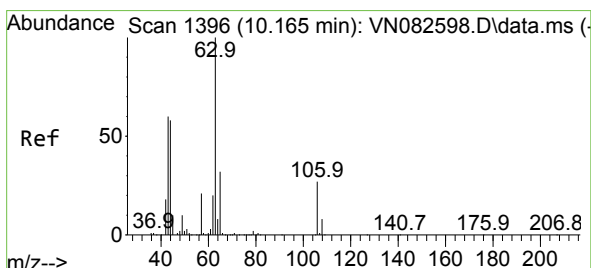
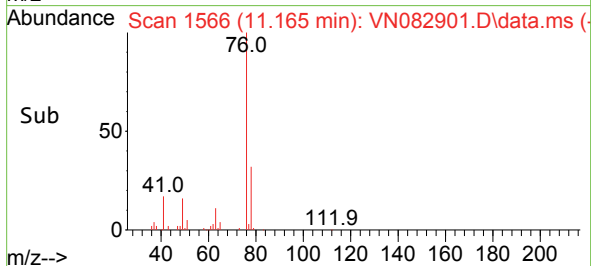
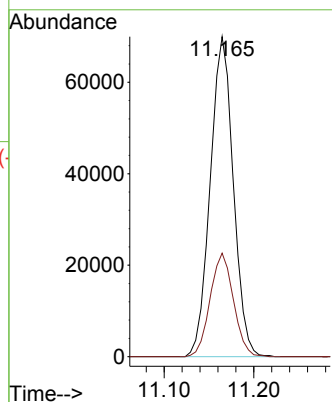


Tgt Ion: 76 Resp: 124881

Ion Ratio Lower Upper

76 100

78 32.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 0.622 ug/l

RT: 10.324 min Scan# 1423

Delta R.T. 0.159 min

Lab File: VN082901.D

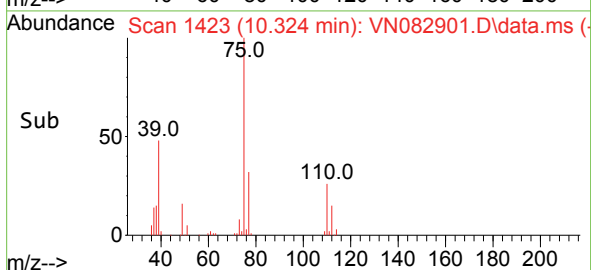
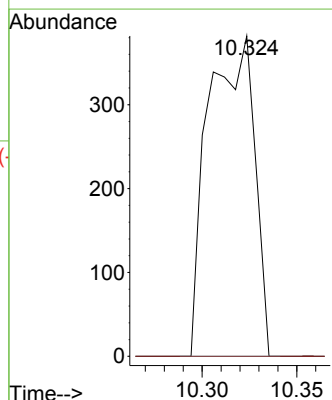
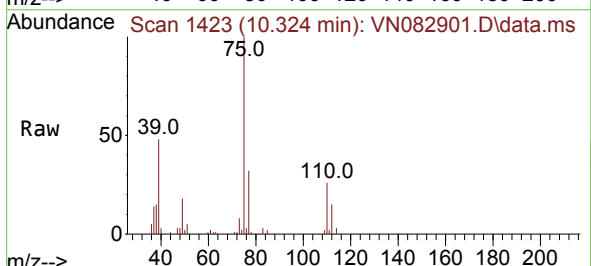
Acq: 12 Jul 2024 15:52

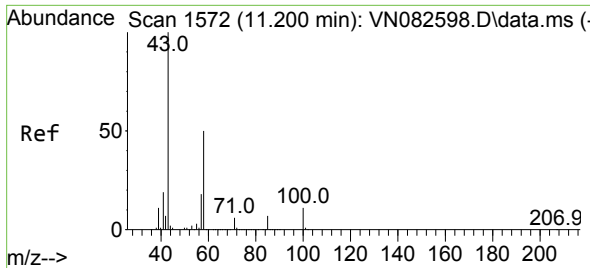
Tgt Ion: 63 Resp: 646

Ion Ratio Lower Upper

63 100

106 0.0 21.4 32.0#

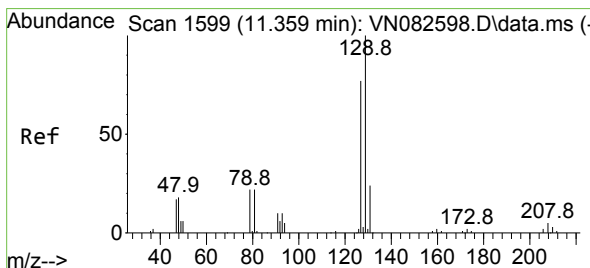
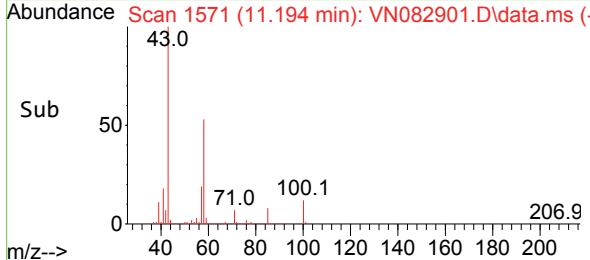
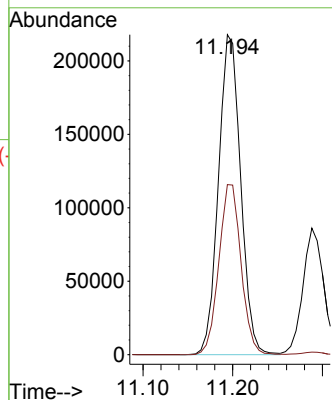
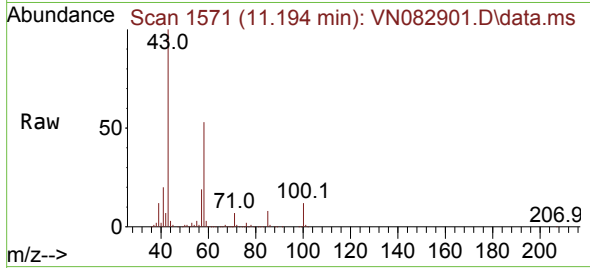




#59
2-Hexanone
Concen: 270.757 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

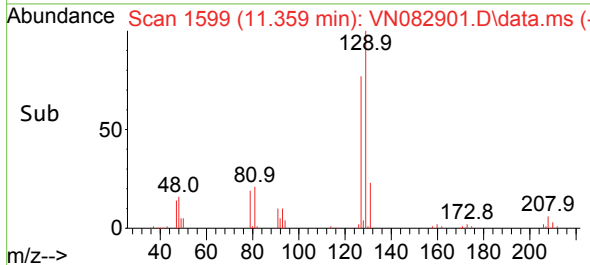
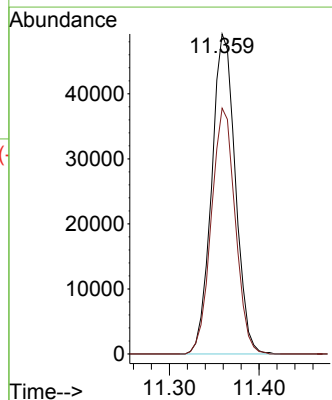
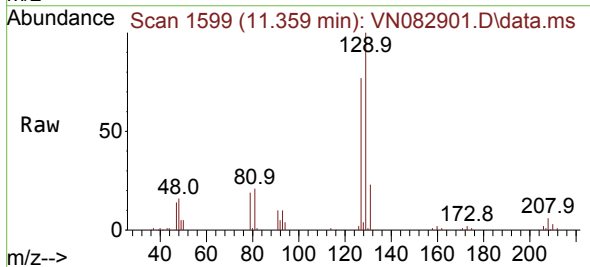
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

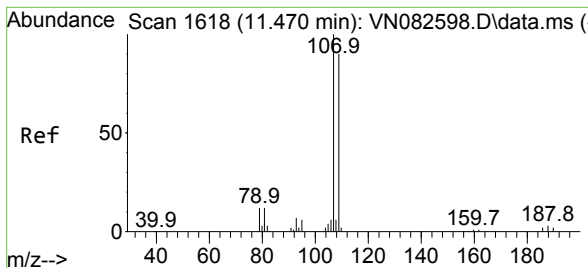
Tgt Ion: 43 Resp: 374025
Ion Ratio Lower Upper
43 100
58 53.3 24.6 73.8



#60
Dibromochloromethane
Concen: 54.404 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion:129 Resp: 90131
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6

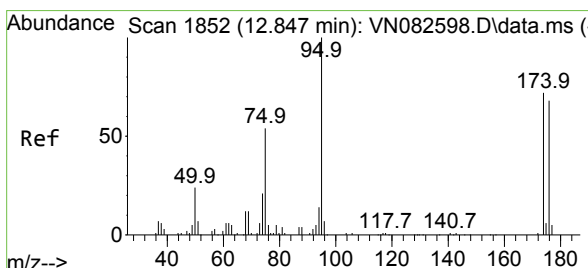
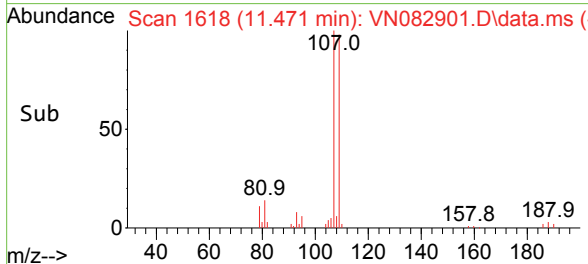
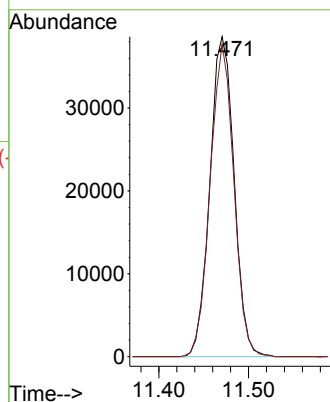
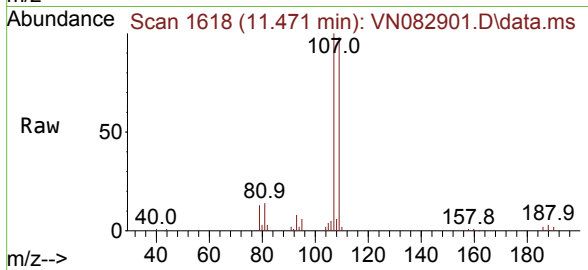




#61
1,2-Dibromoethane
Concen: 52.400 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

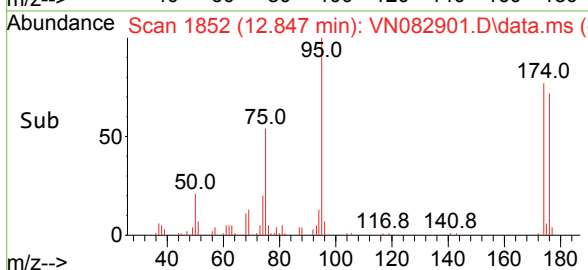
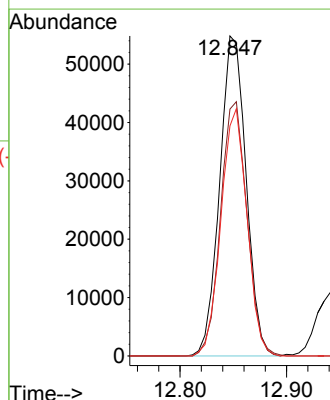
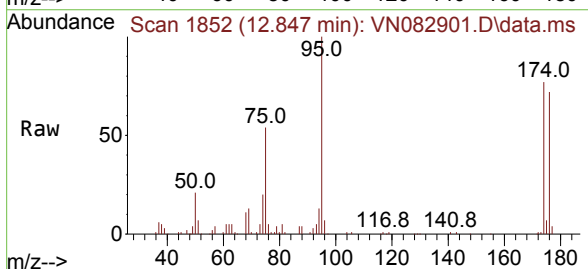
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

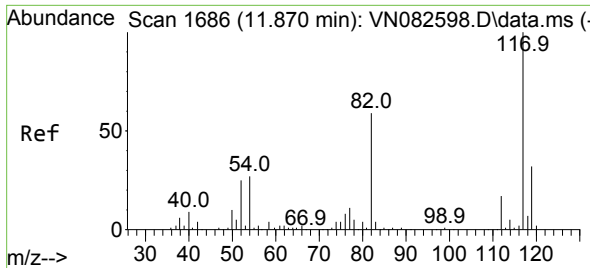
Tgt Ion:107 Resp: 72380
Ion Ratio Lower Upper
107 100
109 95.4 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 53.324 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion: 95 Resp: 94460
Ion Ratio Lower Upper
95 100
174 79.3 0.0 159.2
176 76.0 0.0 147.6

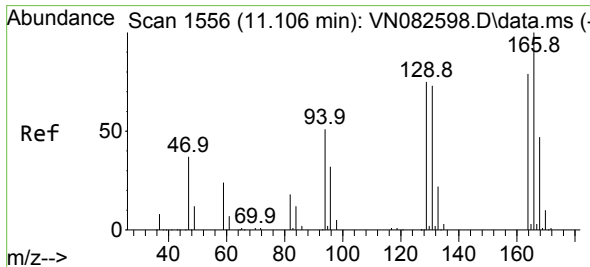
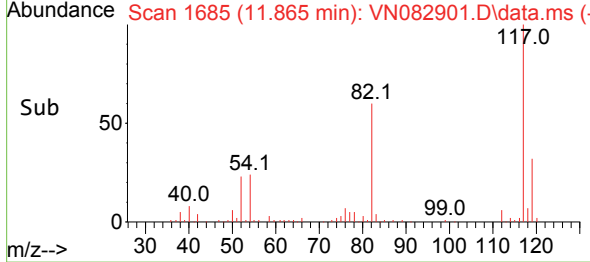
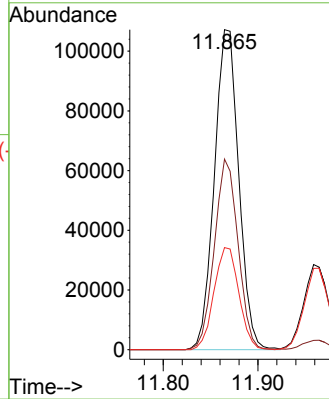
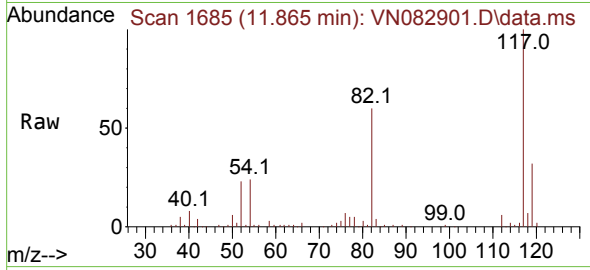




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

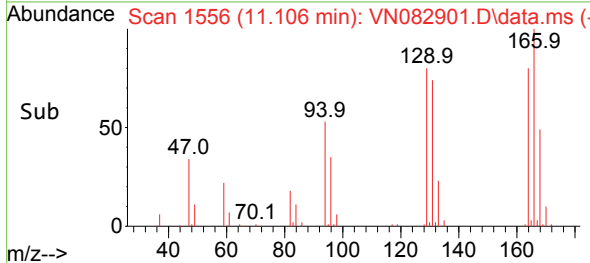
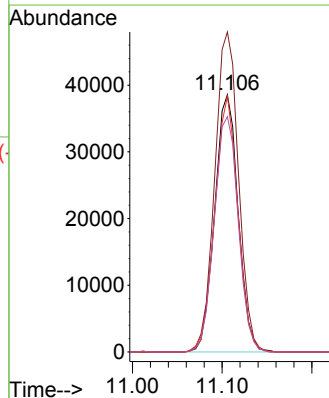
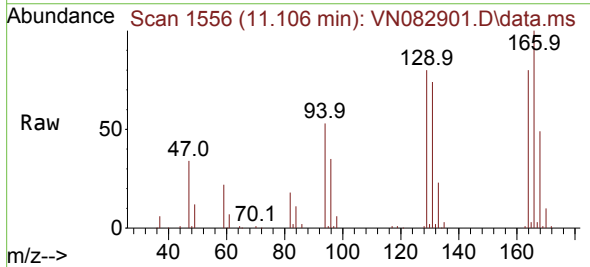
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

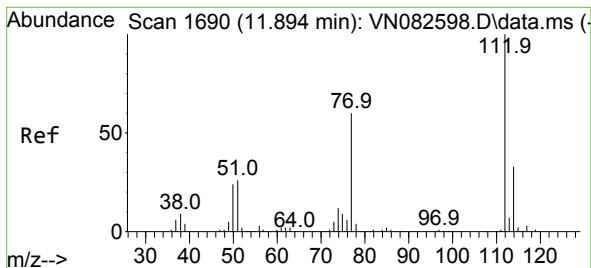
Tgt Ion:117 Resp: 191914
Ion Ratio Lower Upper
117 100
82 59.6 47.5 71.3
119 31.9 25.6 38.4



#64
Tetrachloroethene
Concen: 48.918 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion:164 Resp: 70042
Ion Ratio Lower Upper
164 100
166 124.4 101.4 152.0
129 99.4 75.7 113.5
131 91.5 73.8 110.6

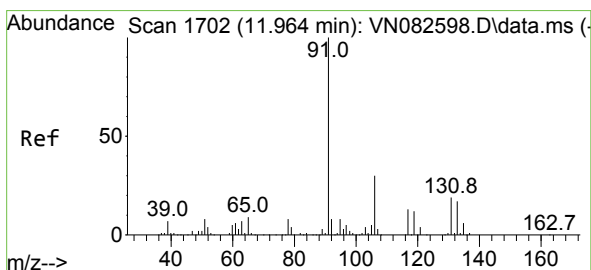
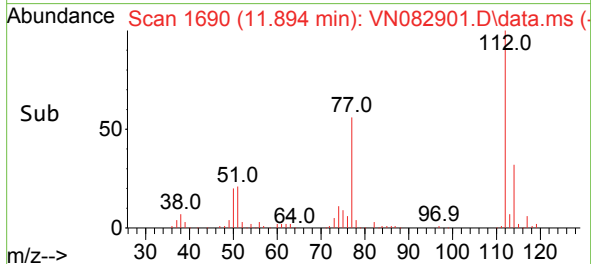
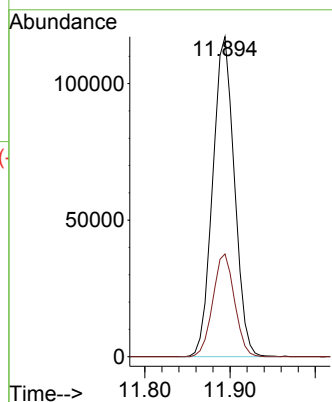
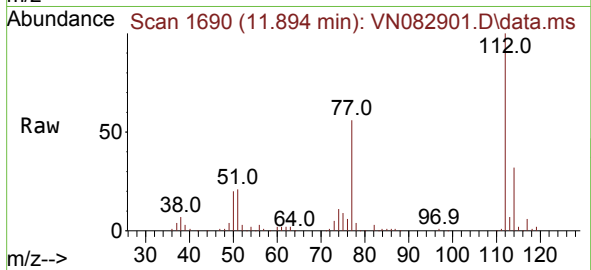




#65
Chlorobenzene
Concen: 50.525 ug/l
RT: 11.894 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

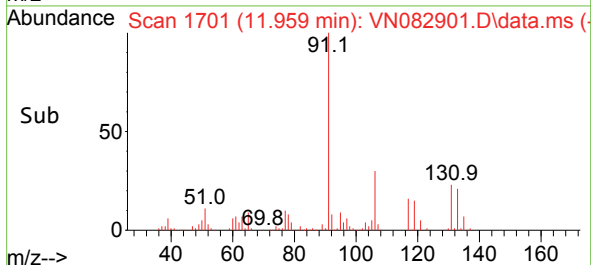
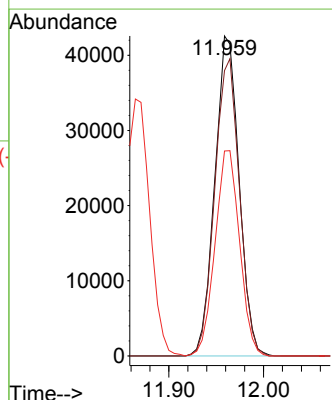
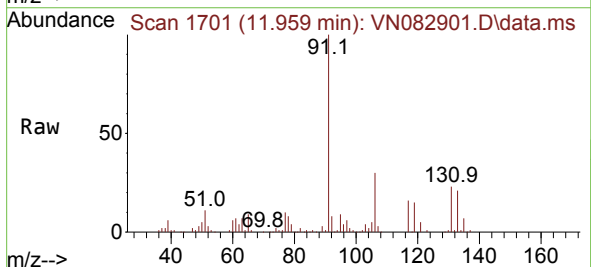
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

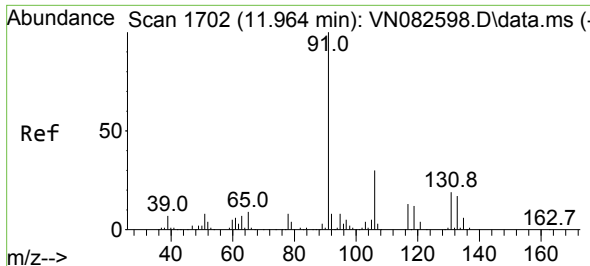
Tgt Ion:112 Resp: 207778
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.950 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.005 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion:131 Resp: 75991
Ion Ratio Lower Upper
131 100
133 94.4 47.3 142.0
119 64.9 32.5 97.4

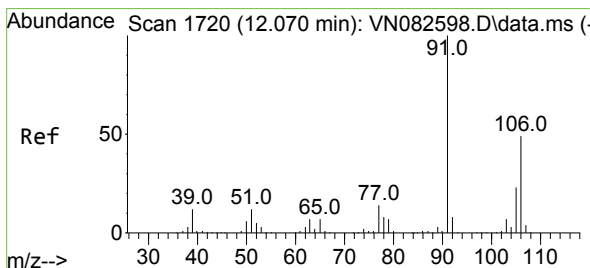
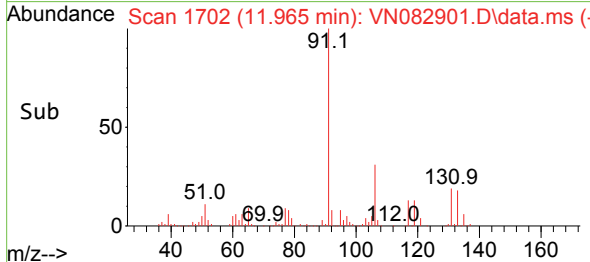
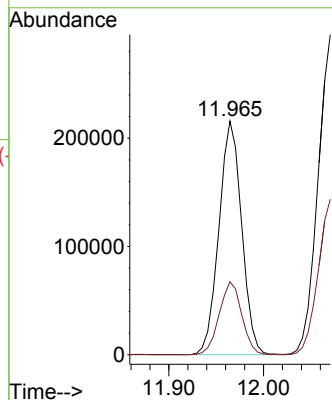
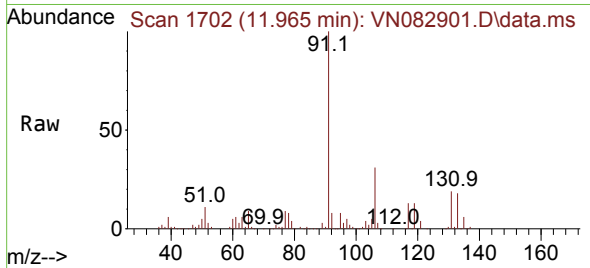




#67
Ethyl Benzene
Concen: 52.095 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

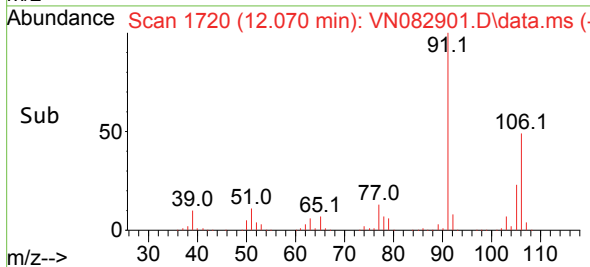
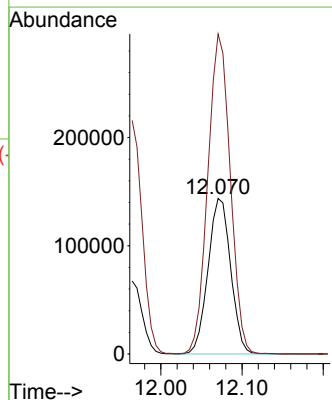
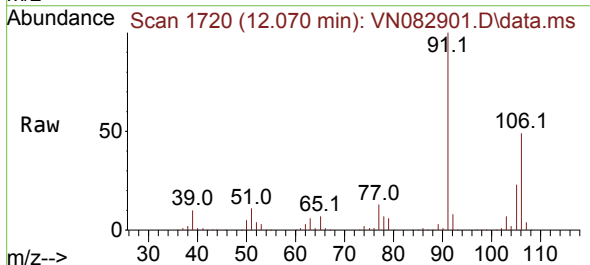
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

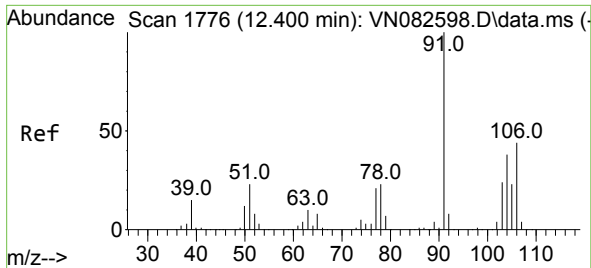
Tgt Ion: 91 Resp: 360065
Ion Ratio Lower Upper
91 100
106 31.2 24.0 36.0



#68
m/p-Xylenes
Concen: 106.609 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion:106 Resp: 278190
Ion Ratio Lower Upper
106 100
91 204.4 166.1 249.1

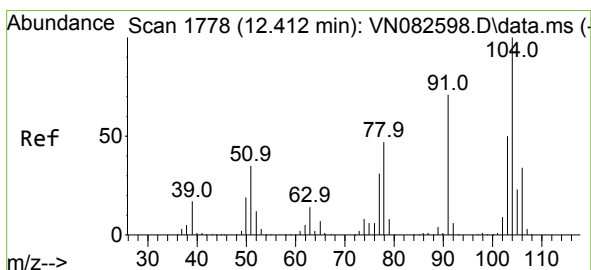
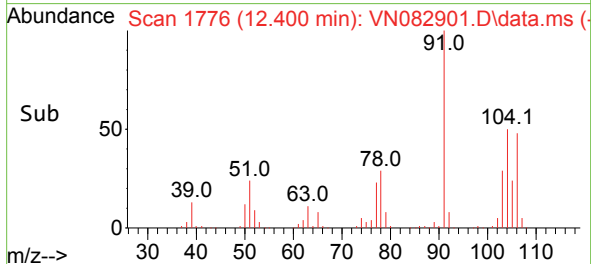
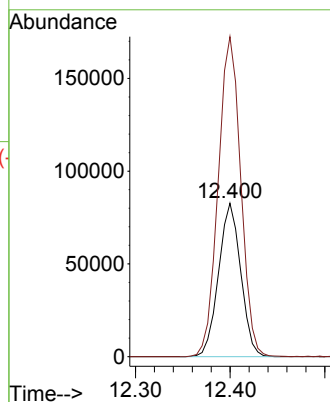
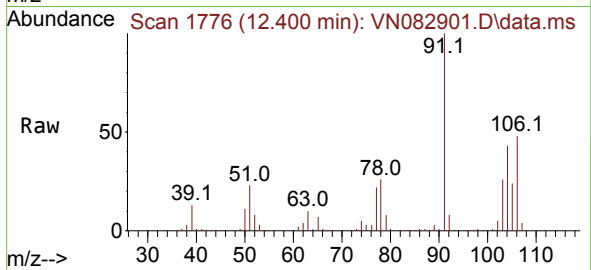




#69
o-Xylene
Concen: 53.846 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

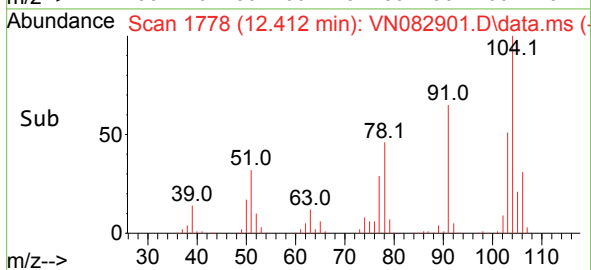
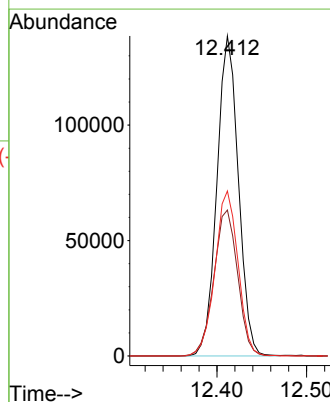
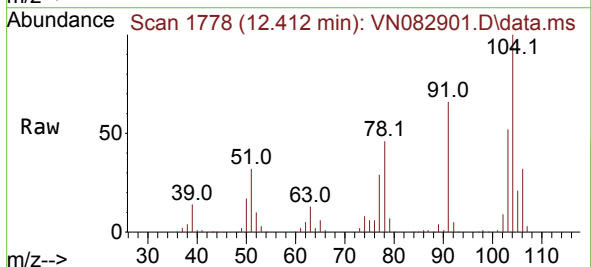
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

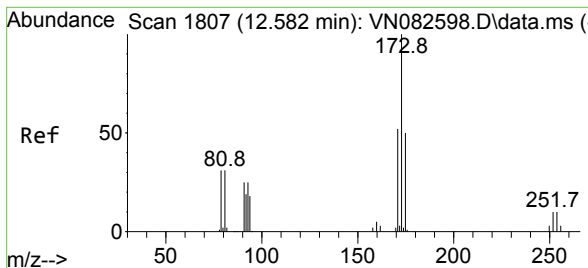
Tgt Ion:106 Resp: 134632
Ion Ratio Lower Upper
106 100
91 212.6 111.3 333.9



#70
Styrene
Concen: 55.795 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion:104 Resp: 230502
Ion Ratio Lower Upper
104 100
78 50.5 41.6 62.4
103 55.2 44.0 66.0





#71

Bromoform

Concen: 51.363 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

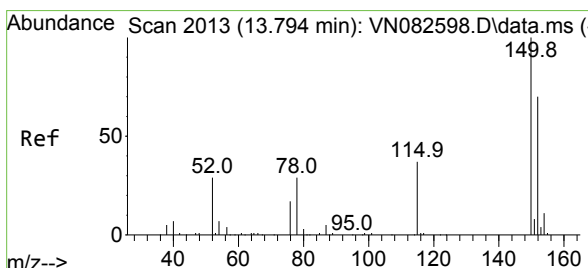
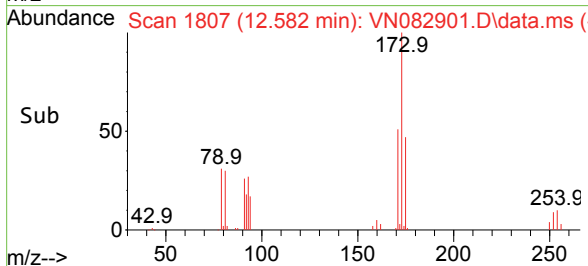
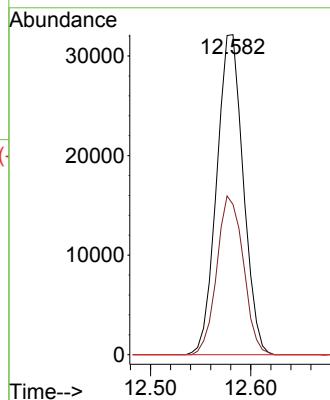
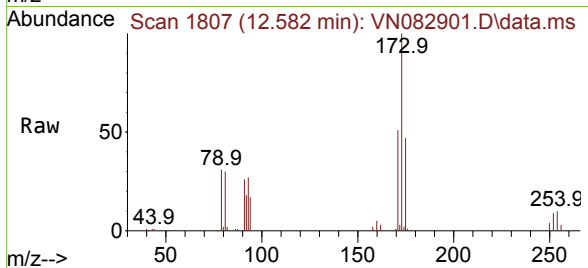
Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830MS

Tgt Ion:	173	Resp:	59087
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.0	72.0
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

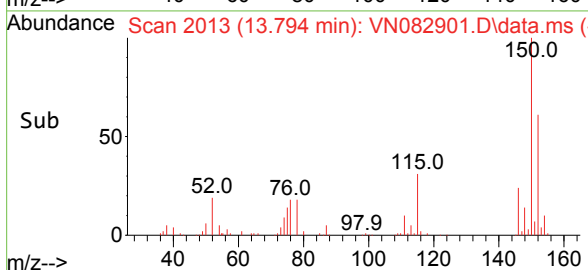
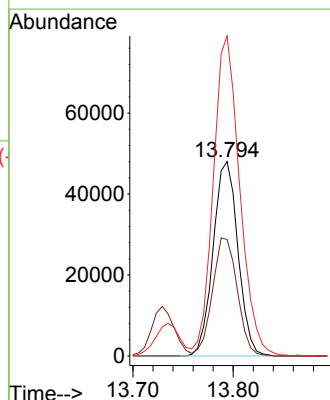
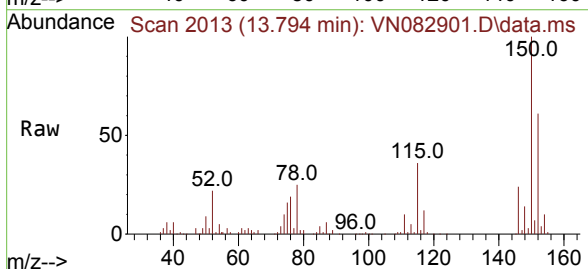
RT: 13.794 min Scan# 2013

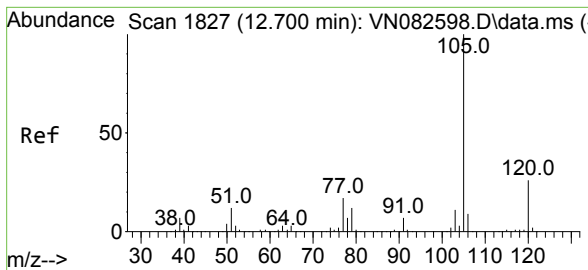
Delta R.T. -0.000 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

Tgt Ion:	152	Resp:	82373
Ion Ratio	Lower	Upper	
152	100		
115	60.8	30.6	91.6
150	175.0	0.0	348.6





#73

Isopropylbenzene

Concen: 56.427 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

Instrument :

MSVOA_N

ClientSampleId :

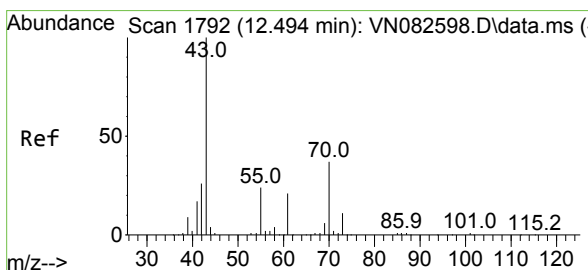
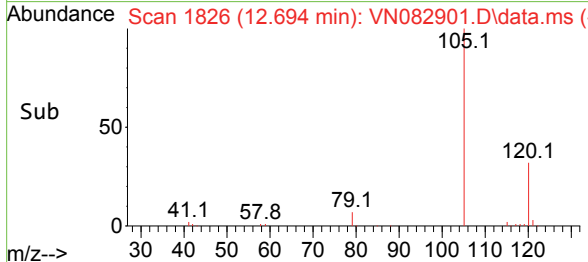
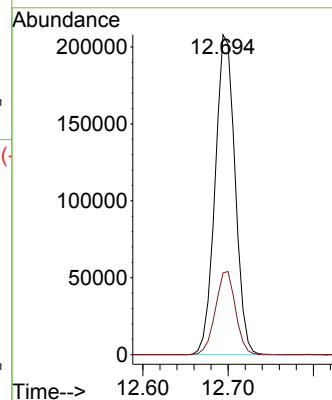
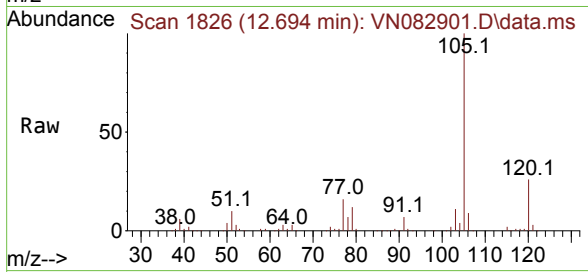
BP-VPB-189-GW-828-830MS

Tgt Ion:105 Resp: 337748

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.6



#74

N-ethyl acetate

Concen: 58.793 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

Tgt Ion: 43 Resp: 145562

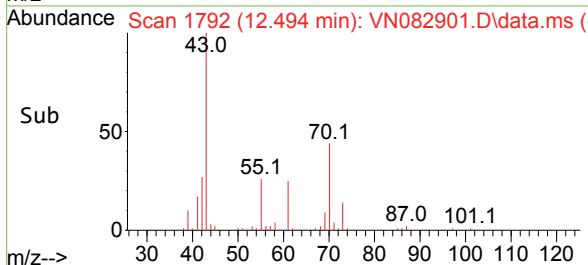
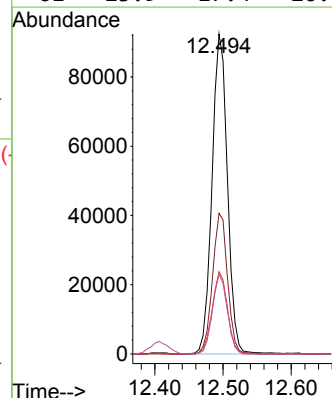
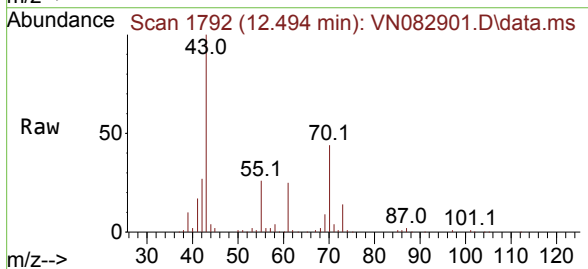
Ion Ratio Lower Upper

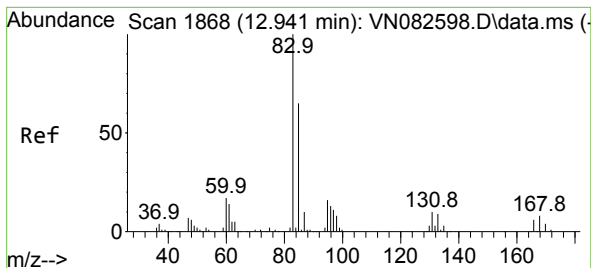
43 100

70 42.9 29.8 44.6

55 25.4 18.7 28.1

61 23.9 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 56.621 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830MS

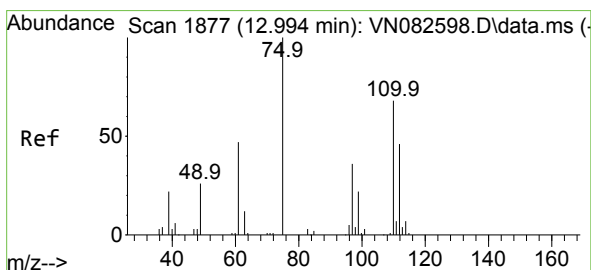
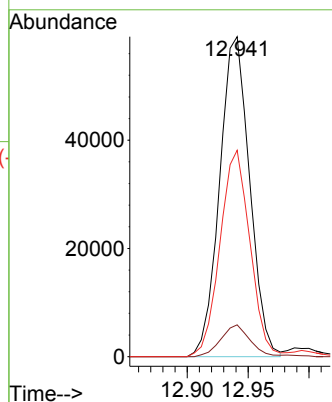
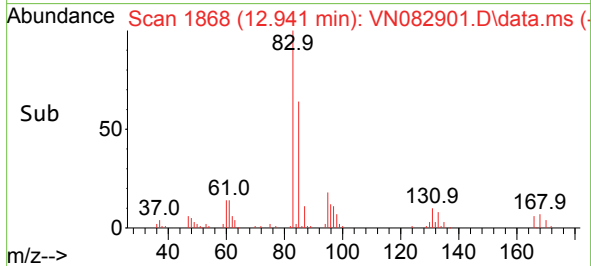
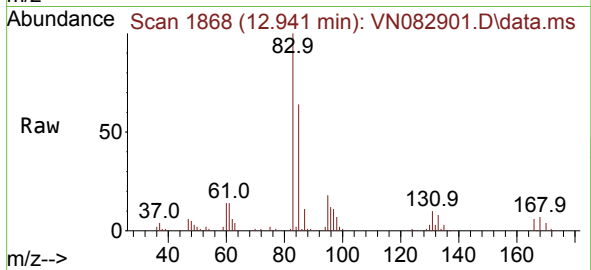
Tgt Ion: 83 Resp: 101501

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 64.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 97.357 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN082901.D

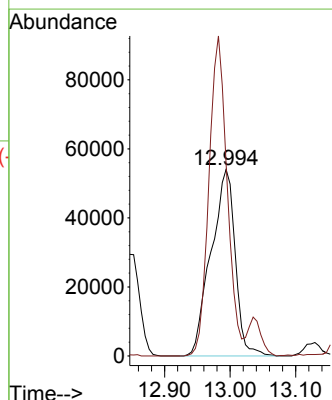
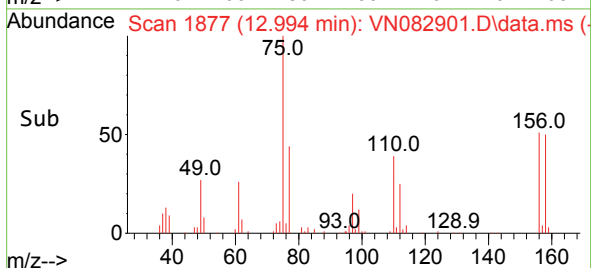
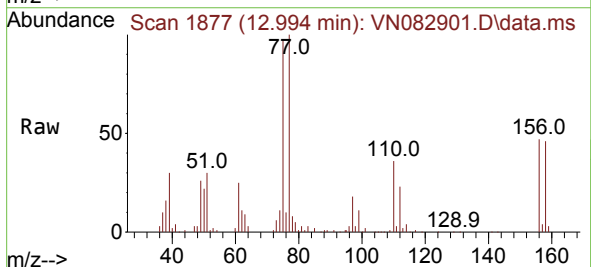
Acq: 12 Jul 2024 15:52

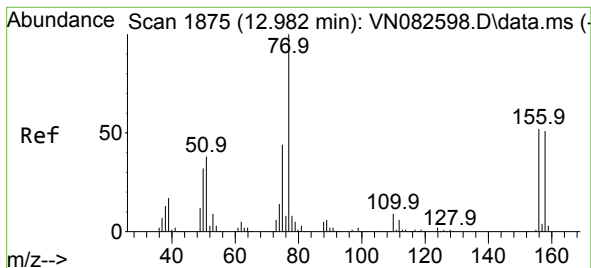
Tgt Ion: 75 Resp: 138263

Ion Ratio Lower Upper

75 100

77 129.1 110.9 332.6





#77

Bromobenzene

Concen: 54.949 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830MS

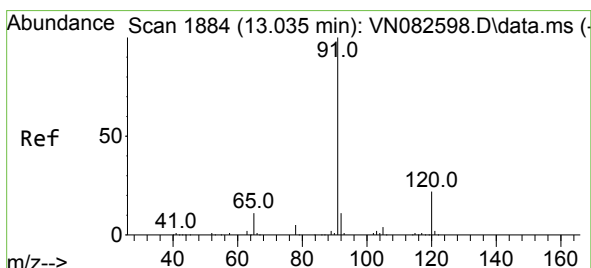
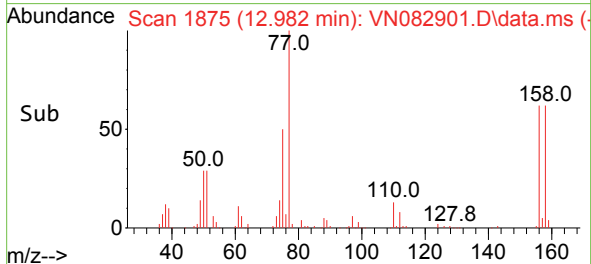
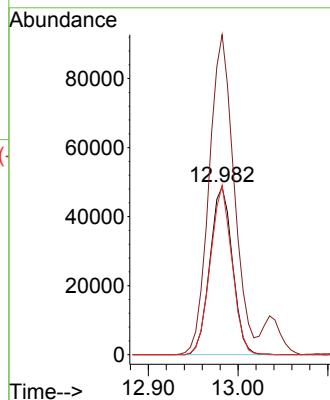
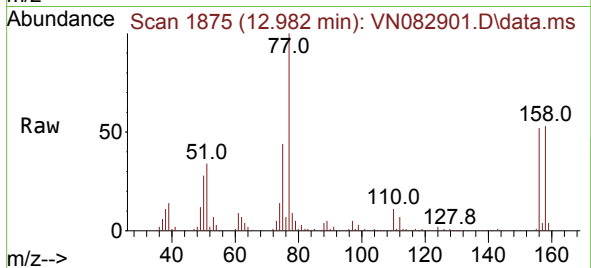
Tgt Ion:156 Resp: 84851

Ion Ratio Lower Upper

156 100

77 210.4 111.3 333.8

158 96.5 48.3 144.9



#78

n-propylbenzene

Concen: 56.516 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082901.D

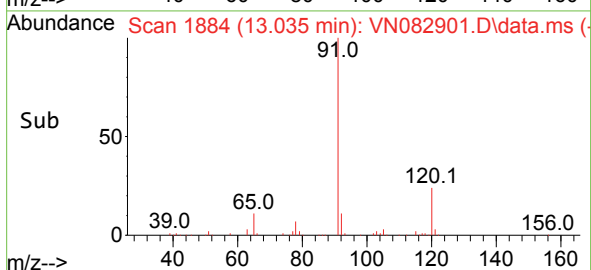
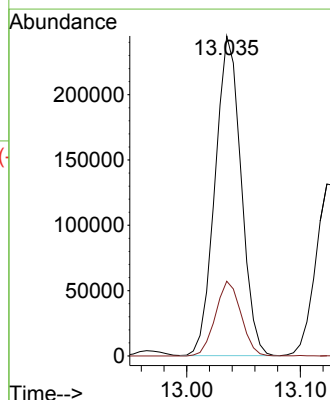
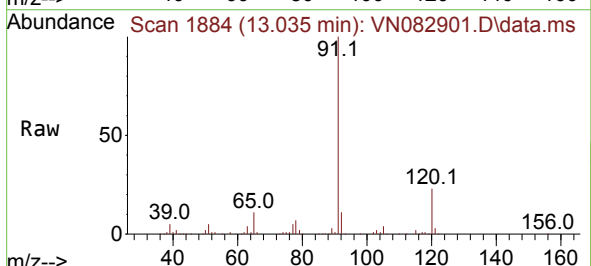
Acq: 12 Jul 2024 15:52

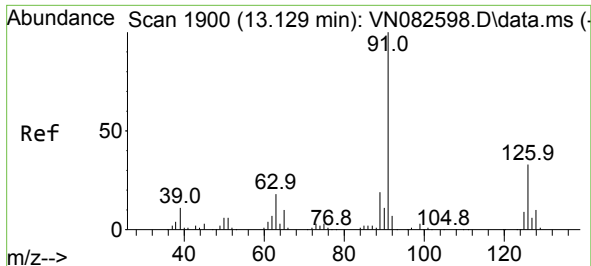
Tgt Ion: 91 Resp: 388948

Ion Ratio Lower Upper

91 100

120 23.0 10.9 32.9

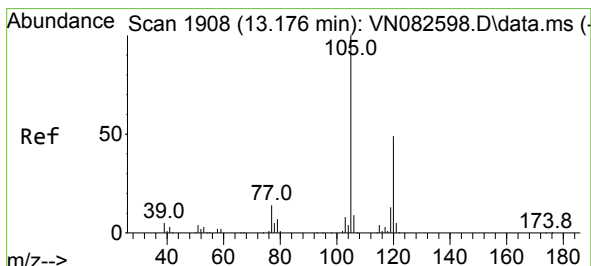
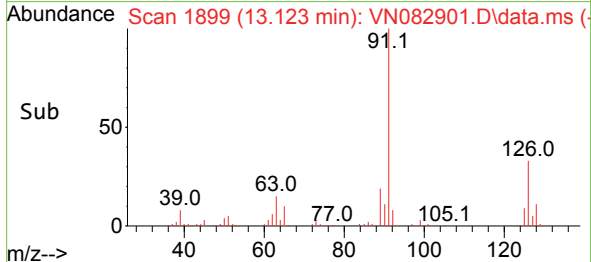
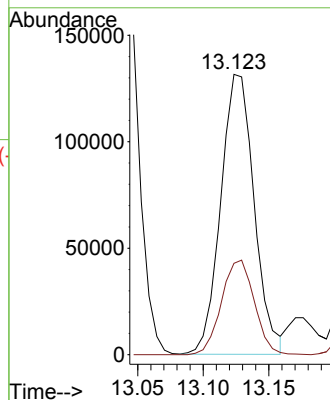
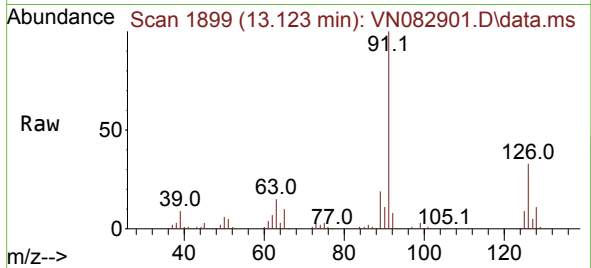




#79
2-Chlorotoluene
Concen: 53.195 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

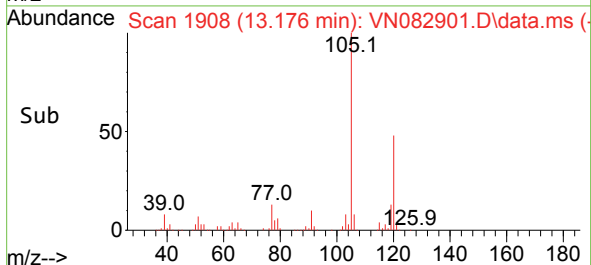
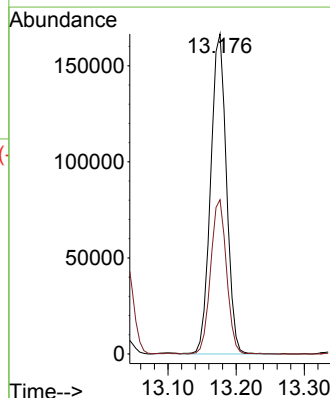
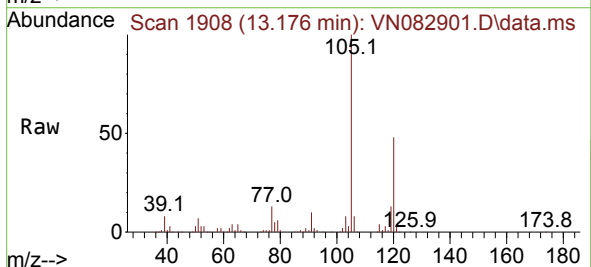
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

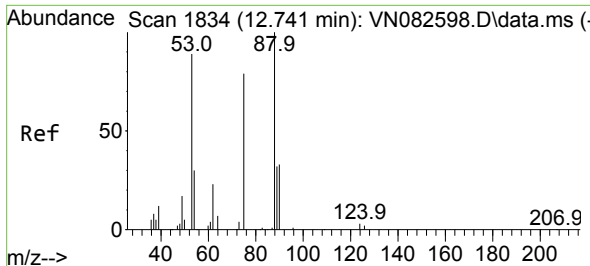
Tgt Ion: 91 Resp: 233256
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 55.624 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion: 105 Resp: 269124
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

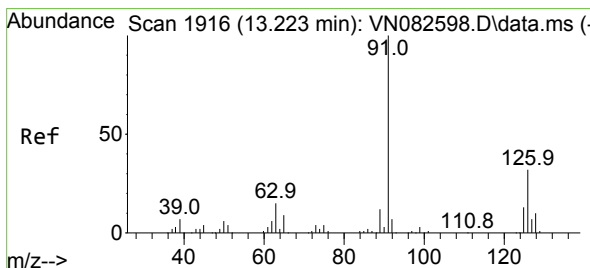
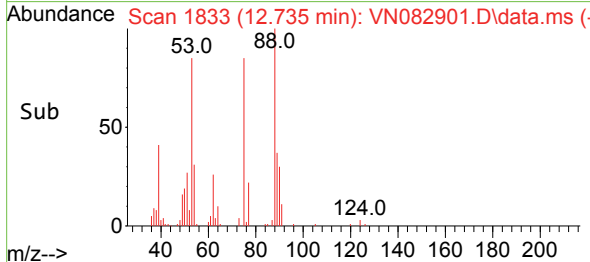
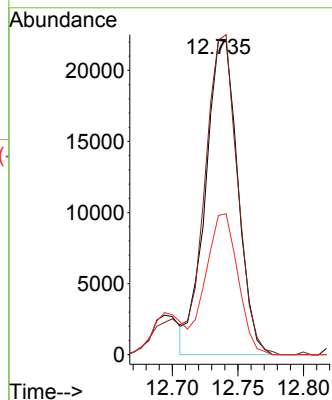
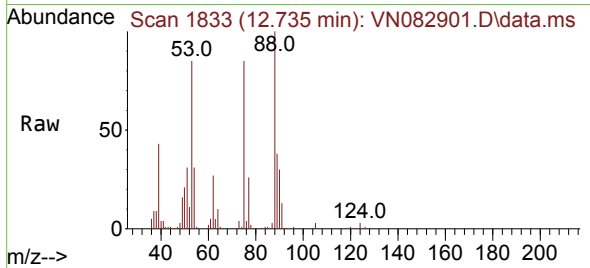




#81
trans-1,4-Dichloro-2-butene
Concen: 52.508 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

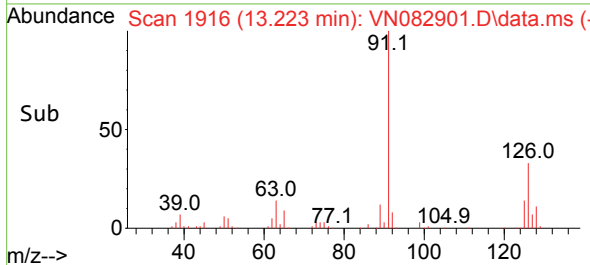
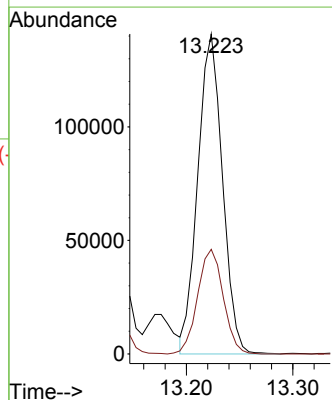
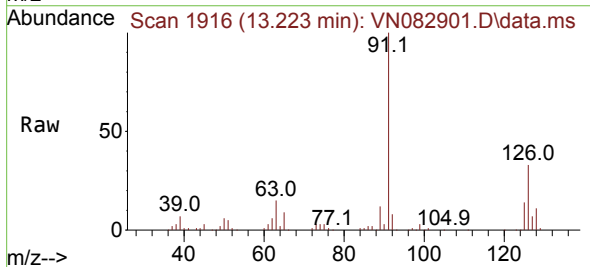
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

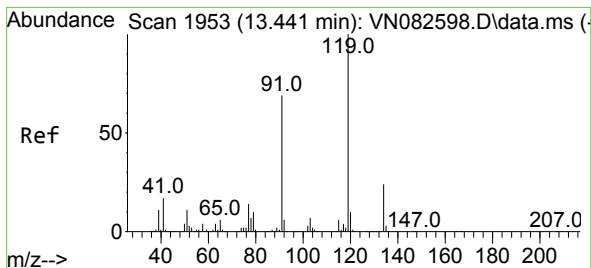
Tgt Ion: 75 Resp: 37916
Ion Ratio Lower Upper
75 100
53 112.1 88.4 132.6
89 44.6 36.3 54.5



#82
4-Chlorotoluene
Concen: 52.321 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion: 91 Resp: 227086
Ion Ratio Lower Upper
91 100
126 33.9 16.2 48.6





#83

tert-Butylbenzene

Concen: 49.436 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830MS

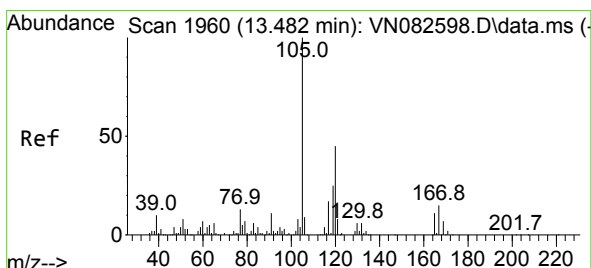
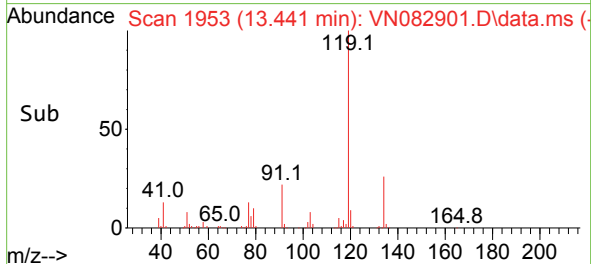
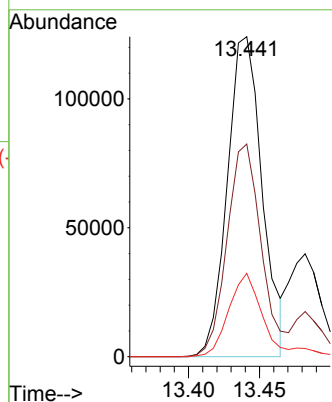
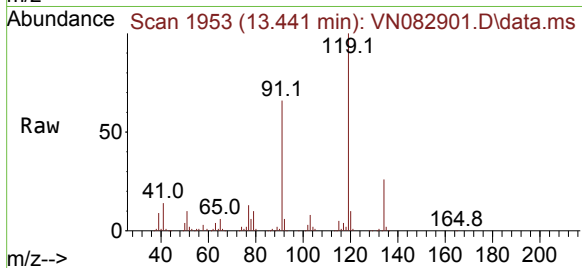
Tgt Ion:119 Resp: 212050

Ion Ratio Lower Upper

119 100

91 66.0 35.0 105.1

134 26.2 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 52.238 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082901.D

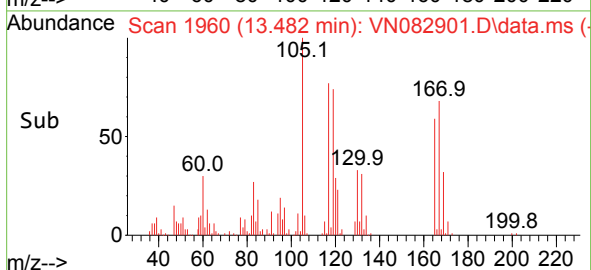
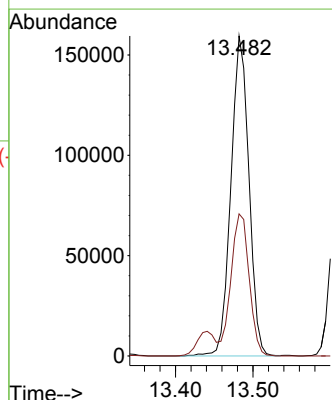
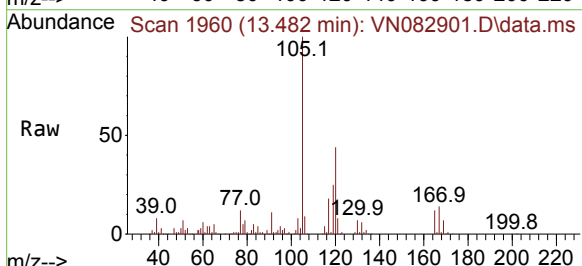
Acq: 12 Jul 2024 15:52

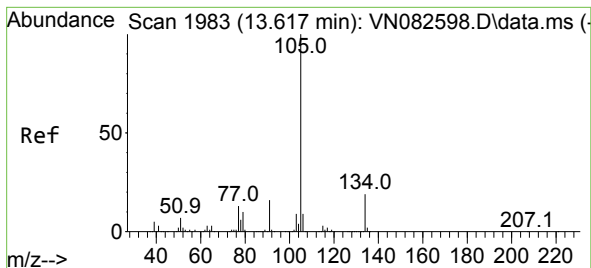
Tgt Ion:105 Resp: 257602

Ion Ratio Lower Upper

105 100

120 45.4 21.9 65.8





#85

sec-Butylbenzene

Concen: 50.360 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

Instrument :

MSVOA_N

ClientSampleId :

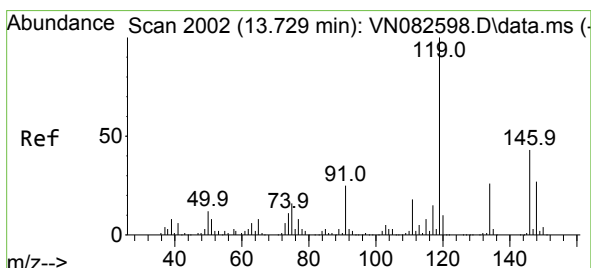
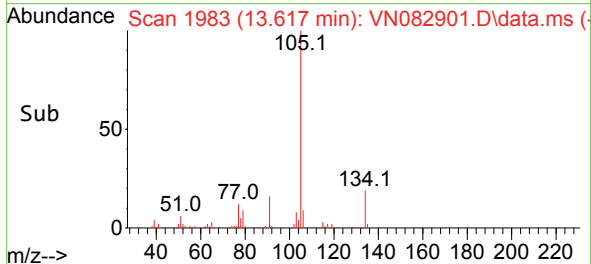
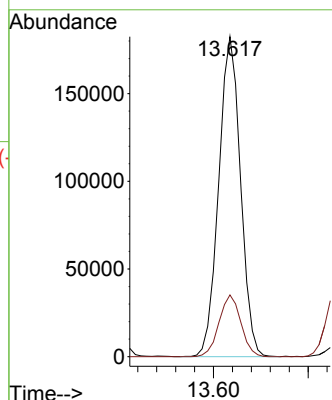
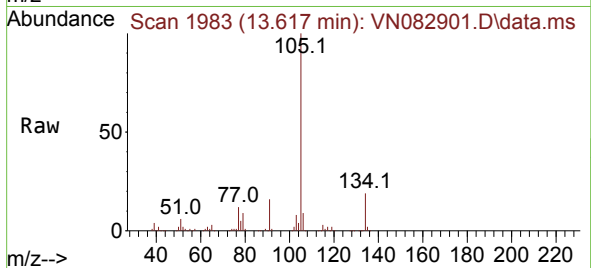
BP-VPB-189-GW-828-830MS

Tgt Ion:105 Resp: 291908

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.3



#86

p-Isopropyltoluene

Concen: 49.766 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

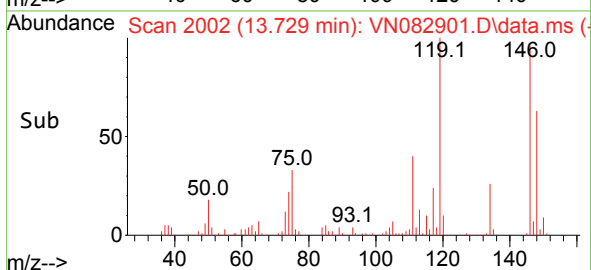
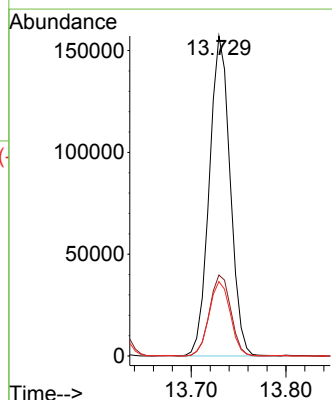
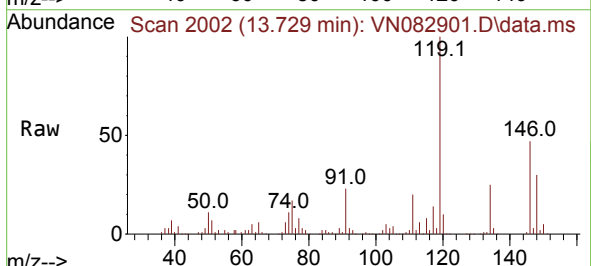
Tgt Ion:119 Resp: 240671

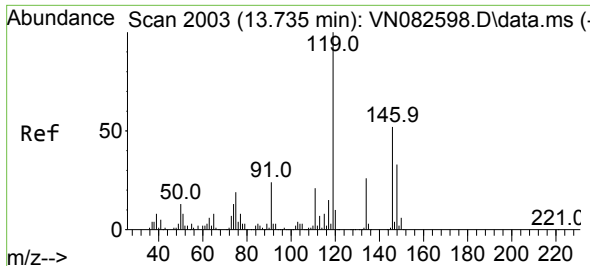
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 23.7 12.3 36.9

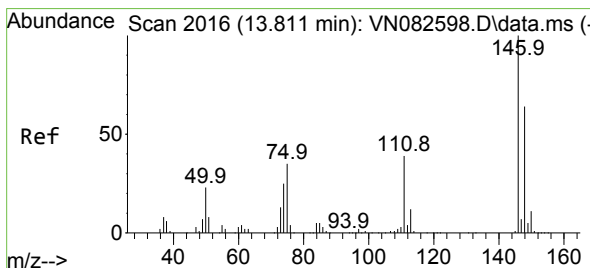
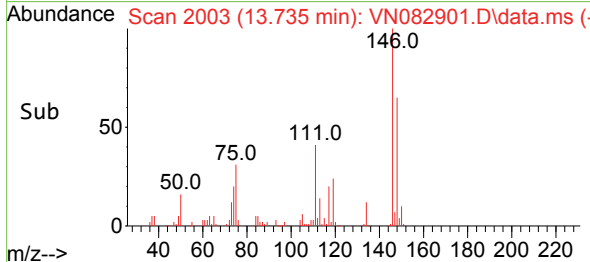
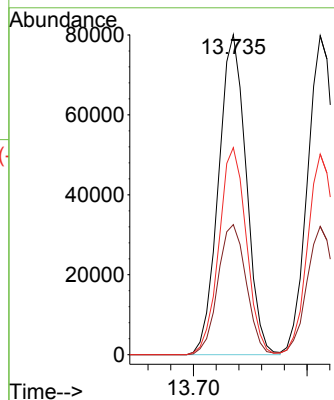
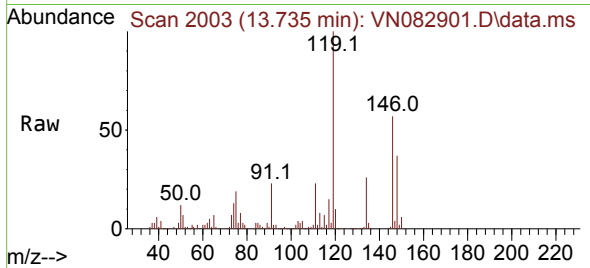




#87
1,3-Dichlorobenzene
Concen: 48.529 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

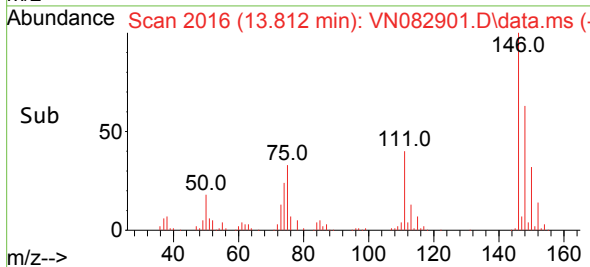
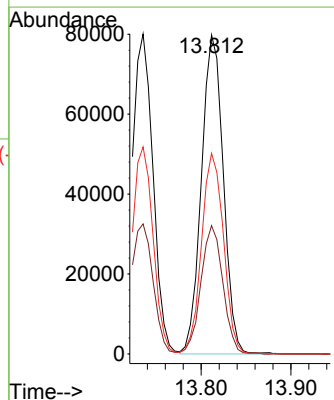
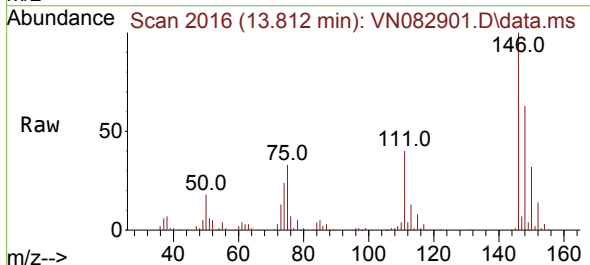
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

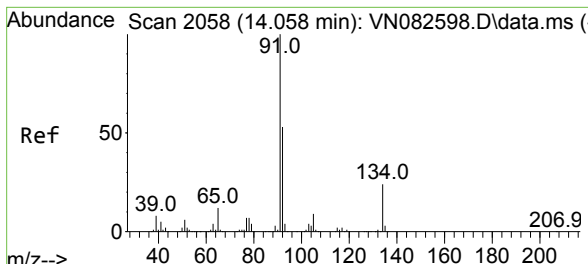
Tgt Ion:146 Resp: 135372
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.9
148 63.9 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 46.951 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.001 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion:146 Resp: 135448
Ion Ratio Lower Upper
146 100
111 40.3 20.1 60.3
148 63.2 32.2 96.6

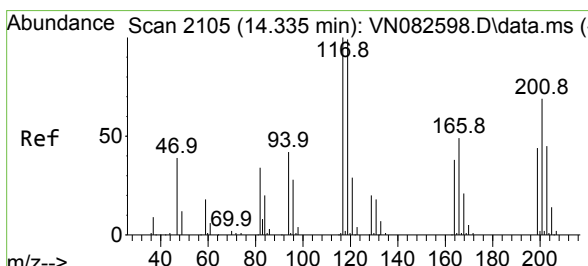
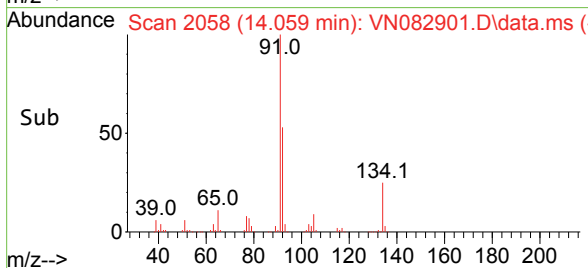
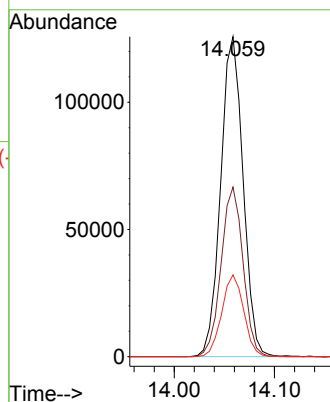
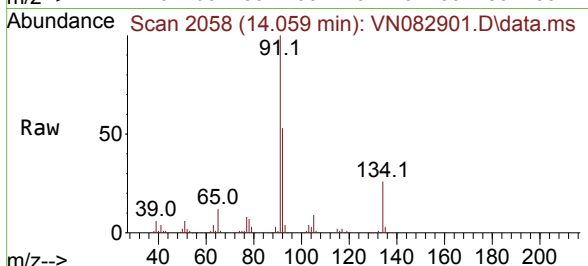




#89
n-Butylbenzene
Concen: 47.072 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

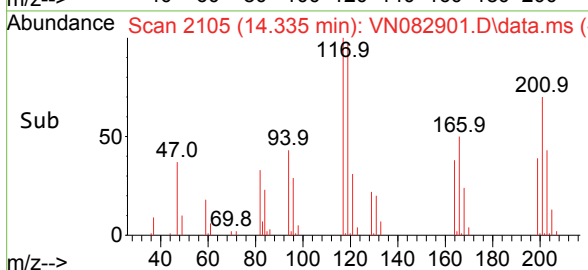
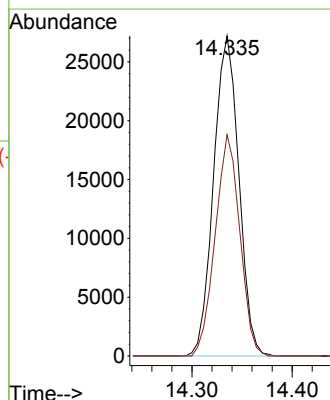
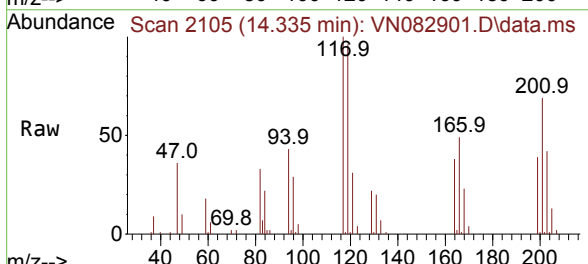
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

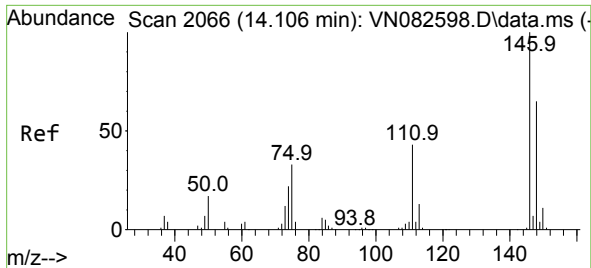
Tgt Ion: 91 Resp: 195027
Ion Ratio Lower Upper
91 100
92 52.1 26.1 78.3
134 25.1 12.1 36.3



#90
Hexachloroethane
Concen: 46.461 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion: 117 Resp: 47543
Ion Ratio Lower Upper
117 100
201 67.4 35.8 107.3

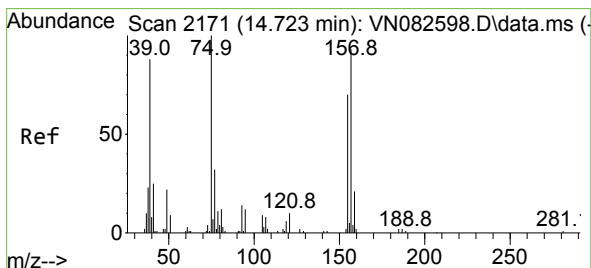
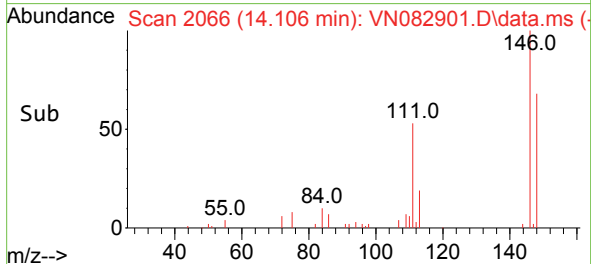
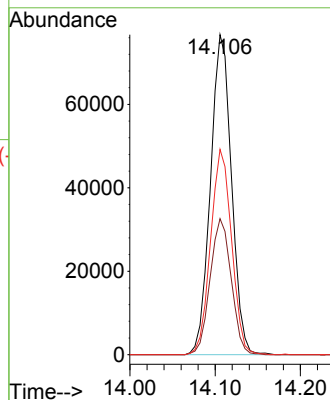
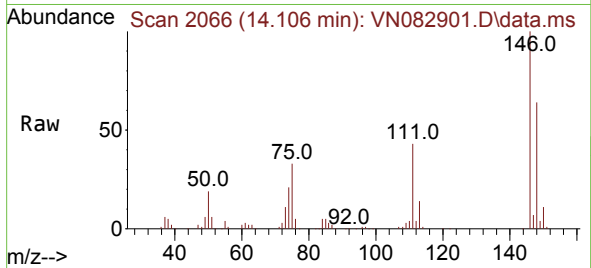




#91
1,2-Dichlorobenzene
Concen: 48.493 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

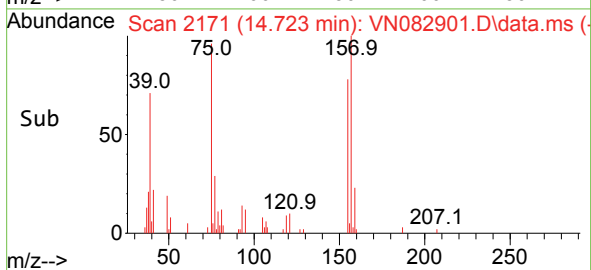
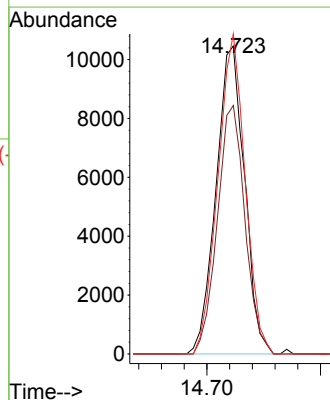
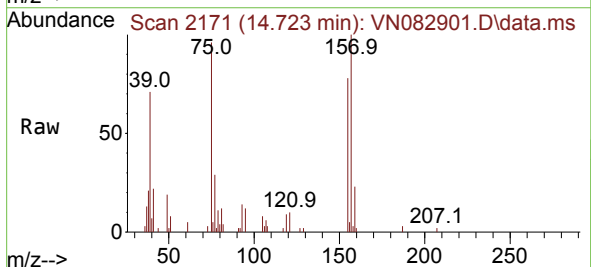
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830MS

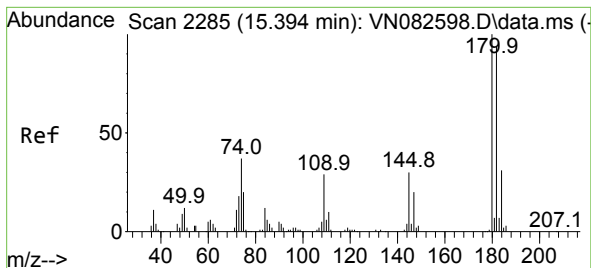
Tgt Ion:146 Resp: 131341
Ion Ratio Lower Upper
146 100
111 42.7 21.4 64.2
148 64.2 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.969 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082901.D
Acq: 12 Jul 2024 15:52

Tgt Ion: 75 Resp: 18235
Ion Ratio Lower Upper
75 100
155 78.2 36.6 109.8
157 99.3 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 42.100 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830MS

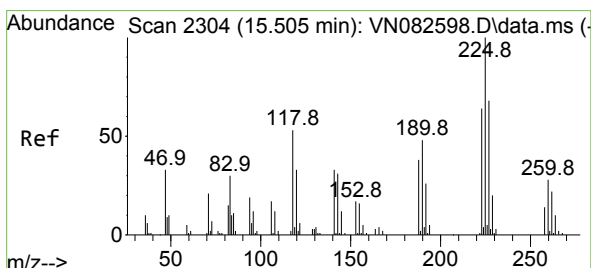
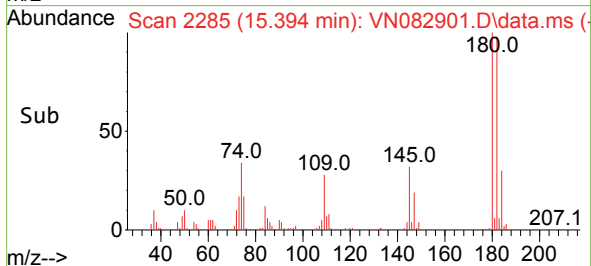
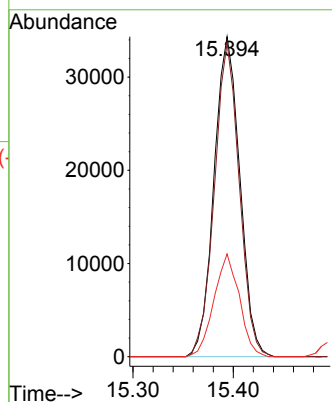
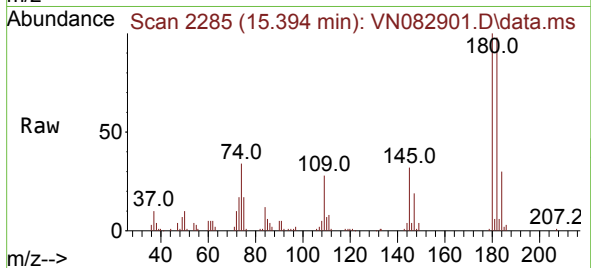
Tgt Ion:180 Resp: 61420

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.8

145 31.6 15.7 47.1



#94

Hexachlorobutadiene

Concen: 38.007 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.005 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

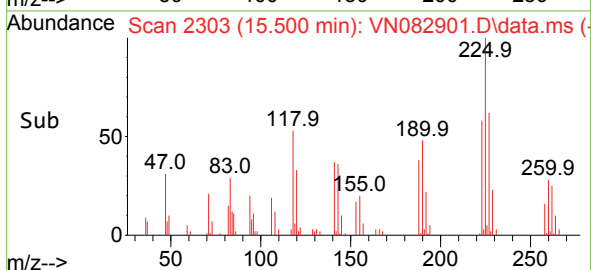
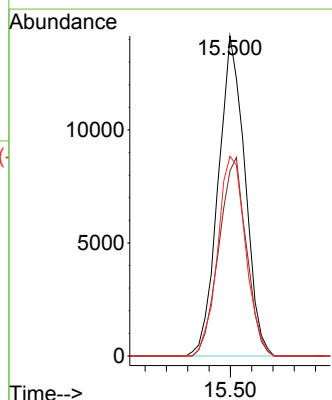
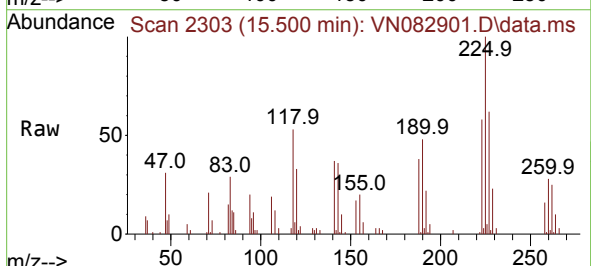
Tgt Ion:225 Resp: 24581

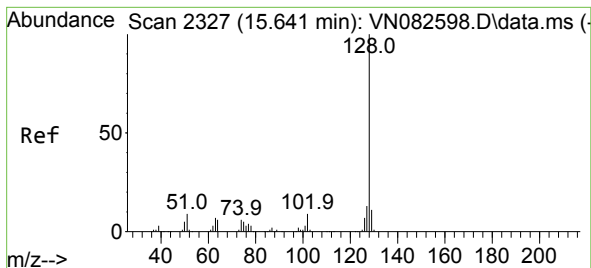
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.7

227 65.4 32.5 97.5





#95

Naphthalene

Concen: 43.406 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830MS

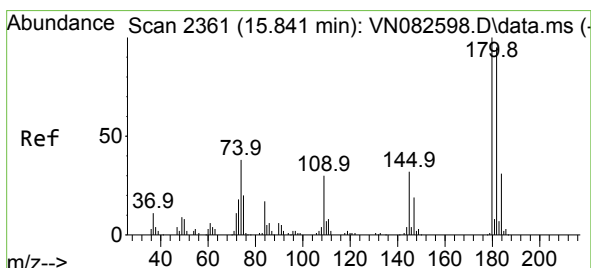
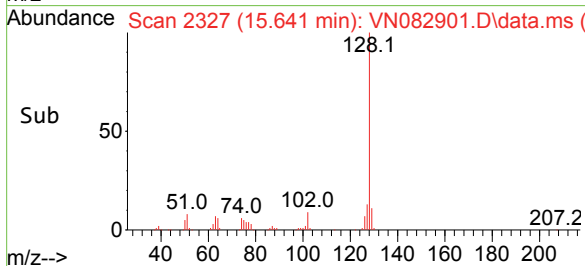
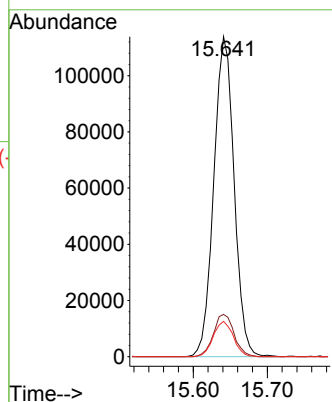
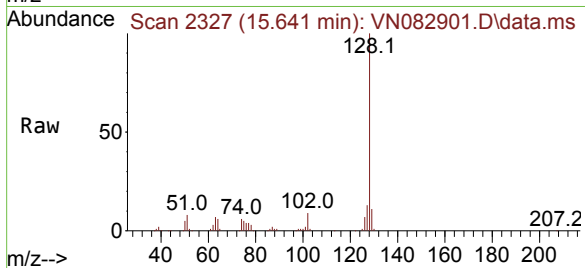
Tgt Ion:128 Resp: 216894

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 40.470 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082901.D

Acq: 12 Jul 2024 15:52

Tgt Ion:180 Resp: 60707

Ion Ratio Lower Upper

180 100

182 98.8 48.9 146.8

145 33.3 16.8 50.4

