

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077827.D
 Acq On : 23 May 2023 21:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152982ZHE#09

Quant Time: May 24 02:56:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	406450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	751405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	653682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	279073	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	288741	47.478	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.960%
35) Dibromofluoromethane	8.177	113	247074	50.425	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.860%
50) Toluene-d8	10.571	98	903145	47.887	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.853	95	303107	45.505	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	203663	44.029	ug/l	99
3) Chloromethane	2.371	50	204354	41.358	ug/l	100
4) Vinyl Chloride	2.524	62	256412	43.967	ug/l	100
5) Bromomethane	2.954	94	182433	42.296	ug/l	97
6) Chloroethane	3.124	64	182889	43.514	ug/l	98
7) Trichlorofluoromethane	3.506	101	383534	47.189	ug/l	98
8) Diethyl Ether	3.965	74	135219	45.572	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	212971	47.349	ug/l	96
10) Methyl Iodide	4.601	142	274132	51.105	ug/l	99
11) Tert butyl alcohol	5.530	59	184381	219.682	ug/l	99
12) 1,1-Dichloroethene	4.353	96	204454	47.826	ug/l	93
13) Acrolein	4.189	56	148504	288.878	ug/l	96
14) Allyl chloride	5.036	41	259527	41.325	ug/l	94
15) Acrylonitrile	5.724	53	511714	228.208	ug/l	99
16) Acetone	4.436	43	396323	207.138	ug/l	98
17) Carbon Disulfide	4.724	76	441459	38.326	ug/l	98
18) Methyl Acetate	5.036	43	364226	45.377	ug/l	89
19) Methyl tert-butyl Ether	5.800	73	738964	47.756	ug/l	97
20) Methylene Chloride	5.283	84	243795	48.912	ug/l	90
21) trans-1,2-Dichloroethene	5.795	96	222341	46.301	ug/l	86
22) Diisopropyl ether	6.683	45	688679	46.785	ug/l	96
23) Vinyl Acetate	6.612	43	2012433	220.654	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	431194	47.814	ug/l	97
25) 2-Butanone	7.489	43	638256	213.248	ug/l	89
26) 2,2-Dichloropropane	7.494	77	299102	39.039	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	276964	48.102	ug/l	95
28) Bromochloromethane	7.818	49	190368	48.810	ug/l	93
29) Tetrahydrofuran	7.841	42	415112	211.812	ug/l	86
30) Chloroform	7.971	83	474980	47.879	ug/l	93
31) Cyclohexane	8.265	56	335636	40.606	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	417453	49.495	ug/l	98
36) 1,1-Dichloropropene	8.377	75	327028	45.631	ug/l	97
37) Ethyl Acetate	7.565	43	255637	40.020	ug/l #	93
38) Carbon Tetrachloride	8.365	117	372892	51.526	ug/l	97
39) Methylcyclohexane	9.606	83	381548	43.487	ug/l	91
40) Benzene	8.612	78	994636	47.030	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	149052	43.815	ug/l	91
42) 1,2-Dichloroethane	8.677	62	355479	46.271	ug/l	99
43) Isopropyl Acetate	8.694	43	604924	57.977	ug/l #	86
44) Trichloroethene	9.359	130	257786	48.139	ug/l	99
45) 1,2-Dichloropropane	9.630	63	265158	49.154	ug/l	92
46) Dibromomethane	9.712	93	184446	47.783	ug/l	94
47) Bromodichloromethane	9.894	83	379413	51.340	ug/l	97
48) Methyl methacrylate	9.683	41	222481	44.974	ug/l	89
49) 1,4-Dioxane	9.700	88	88994	952.490	ug/l #	92
51) 4-Methyl-2-Pentanone	10.453	43	1399092	225.588	ug/l	94
52) Toluene	10.635	92	642928	48.832	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	376025	48.048	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	410928	47.648	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	258608	49.468	ug/l	93
56) Ethyl methacrylate	10.882	69	373684	47.275	ug/l	93
57) 1,3-Dichloropropane	11.171	76	436125	48.663	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	835457	214.845	ug/l	93
59) 2-Hexanone	11.200	43	969988	211.448	ug/l	93
60) Dibromochloromethane	11.365	129	289194	53.585	ug/l	100
61) 1,2-Dibromoethane	11.477	107	261011	50.047	ug/l	97
64) Tetrachloroethene	11.112	164	205658	44.988	ug/l	98
65) Chlorobenzene	11.894	112	695817	49.101	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	272374	55.548	ug/l	98
67) Ethyl Benzene	11.971	91	1222080	48.122	ug/l	100
68) m/p-Xylenes	12.077	106	940757	97.767	ug/l	99
69) o-Xylene	12.406	106	464992	49.137	ug/l	98
70) Styrene	12.418	104	744753	49.541	ug/l	98
71) Bromoform	12.582	173	182519	55.955	ug/l #	99
73) Isopropylbenzene	12.700	105	1225096	50.927	ug/l	99
74) N-amyl acetate	12.500	43	380012	42.737	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.947	83	356053	48.111	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	427195	61.124	ug/l	73
77) Bromobenzene	12.988	156	269455	49.083	ug/l	97
78) n-propylbenzene	13.041	91	1376203	48.525	ug/l	99
79) 2-Chlorotoluene	13.129	91	830088	49.050	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	1021297	50.513	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	93565	42.793	ug/l	93
82) 4-Chlorotoluene	13.229	91	776860	46.137	ug/l	96
83) tert-Butylbenzene	13.447	119	916729	51.938	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1019695	51.281	ug/l	100
85) sec-Butylbenzene	13.623	105	1254135	49.997	ug/l	99
86) p-Isopropyltoluene	13.735	119	1043137	52.162	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	487707	48.038	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	471025	46.754	ug/l	99
89) n-Butylbenzene	14.065	91	853807	46.418	ug/l	98
90) Hexachloroethane	14.341	117	182182	55.455	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	482645	50.888	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	59923	41.823	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	217942	39.322	ug/l	98
94) Hexachlorobutadiene	15.506	225	109610	47.631	ug/l	99
95) Naphthalene	15.647	128	655508	34.360	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	220498	40.632	ug/l	99

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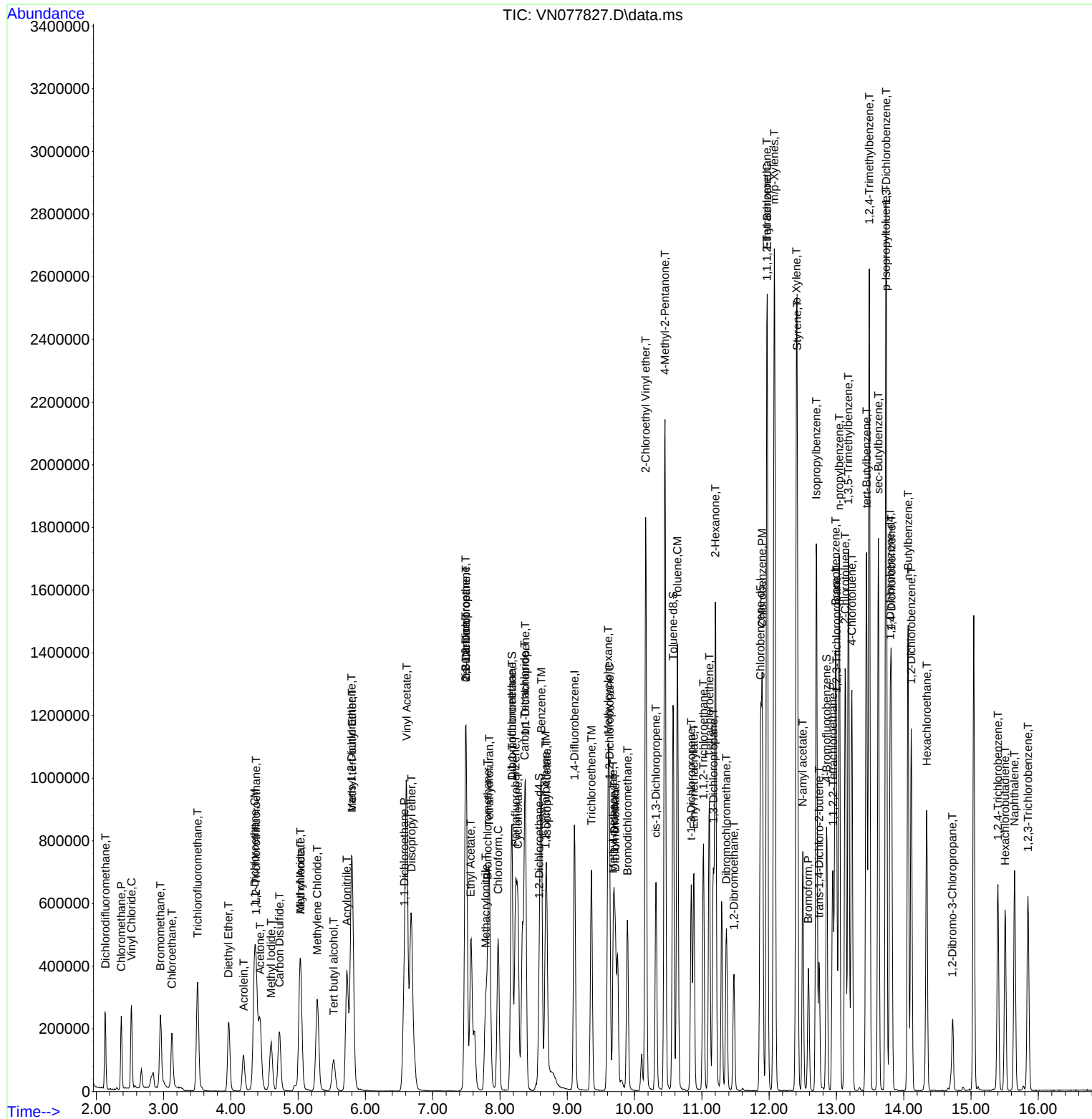
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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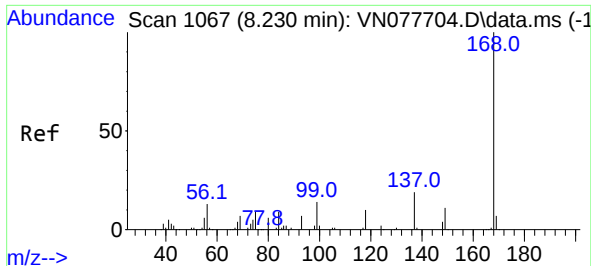
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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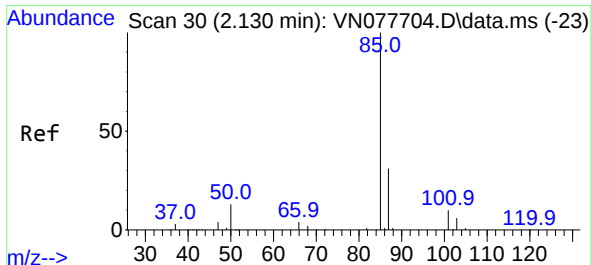
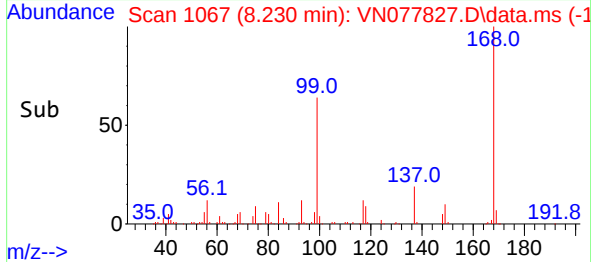
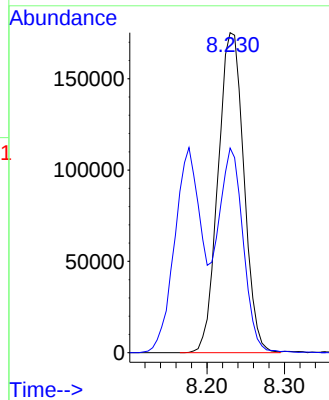
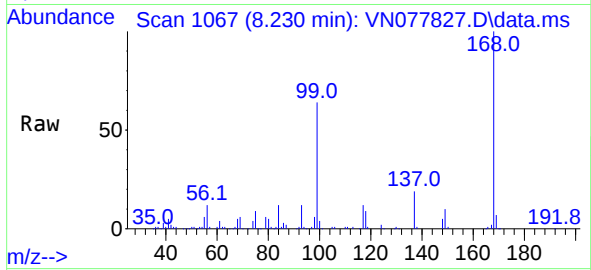




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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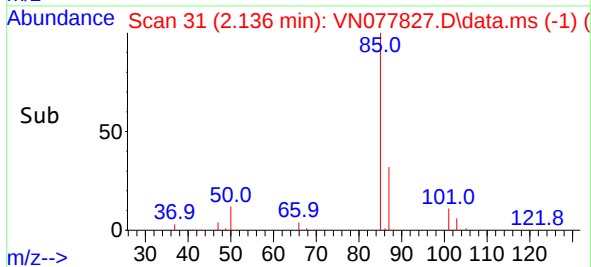
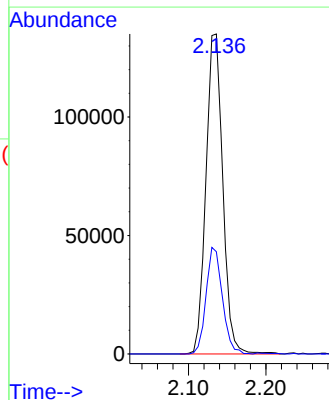
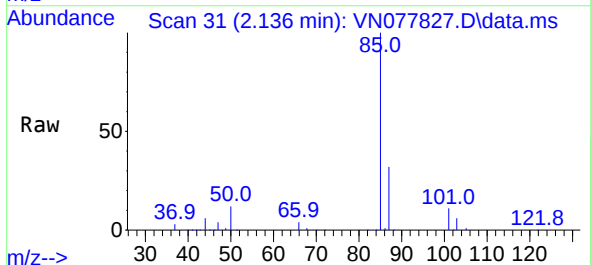
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

Tgt Ion:168 Resp: 406450
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6

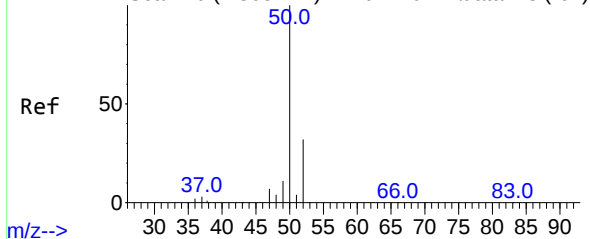


#2
Dichlorodifluoromethane
Concen: 44.029 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 85 Resp: 203663
Ion Ratio Lower Upper
85 100
87 31.9 15.8 47.4



Abundance Scan 70 (2.365 min): VN077704.D\data.ms (-62)



#3

Chloromethane

Concen: 41.358 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN077827.D

Acq: 23 May 2023 21:24

Instrument :

MSVOA_N

ClientSampleId :

PB152982ZHE#09

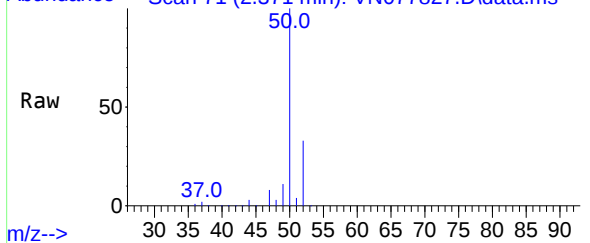
Tgt Ion: 50 Resp: 204354

Ion Ratio Lower Upper

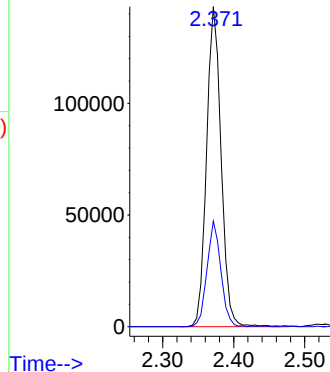
50 100

52 33.0 26.5 39.7

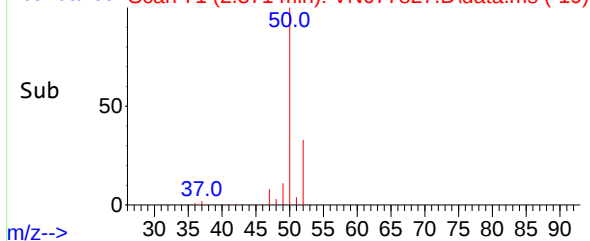
Abundance Scan 71 (2.371 min): VN077827.D\data.ms



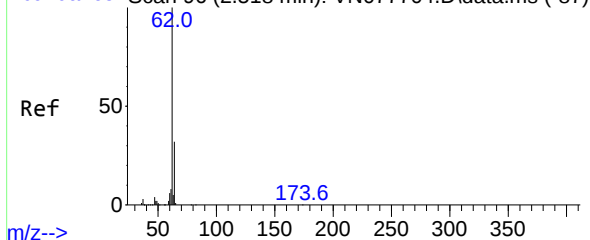
Abundance



Abundance Scan 71 (2.371 min): VN077827.D\data.ms (-19)



Abundance Scan 96 (2.518 min): VN077704.D\data.ms (-87)



#4

Vinyl Chloride

Concen: 43.967 ug/l

RT: 2.524 min Scan# 97

Delta R.T. 0.012 min

Lab File: VN077827.D

Acq: 23 May 2023 21:24

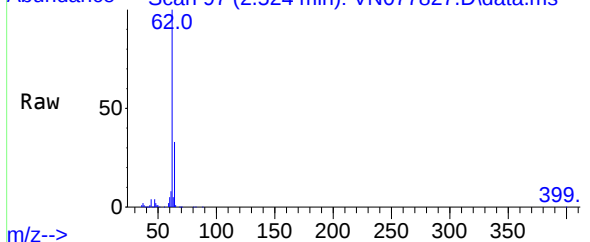
Tgt Ion: 62 Resp: 256412

Ion Ratio Lower Upper

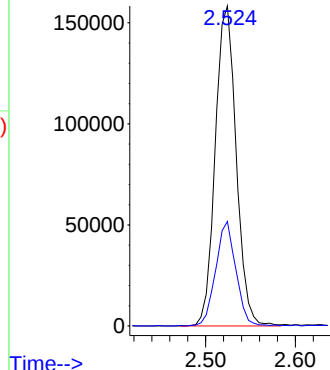
62 100

64 32.5 26.2 39.2

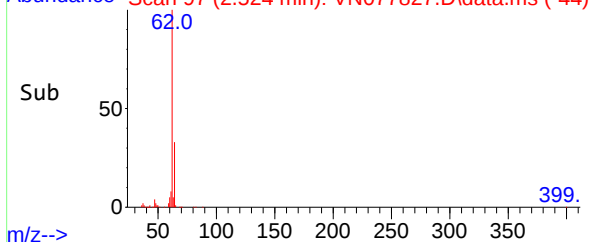
Abundance Scan 97 (2.524 min): VN077827.D\data.ms

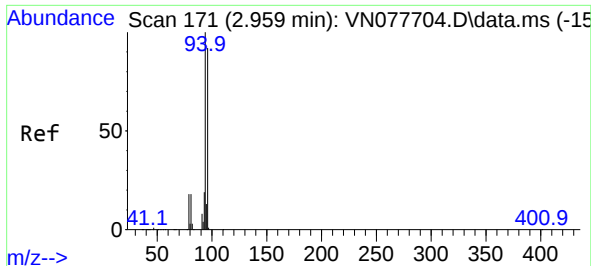


Abundance



Abundance Scan 97 (2.524 min): VN077827.D\data.ms (-44)

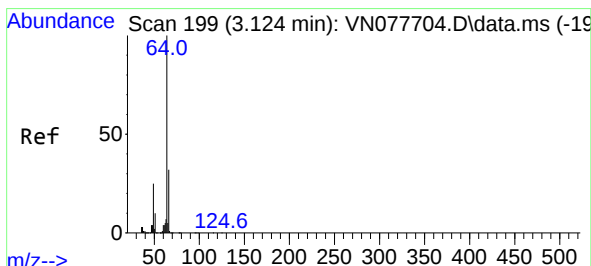
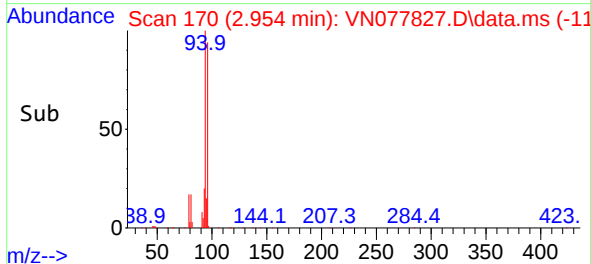
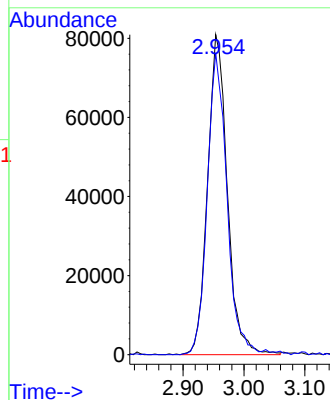
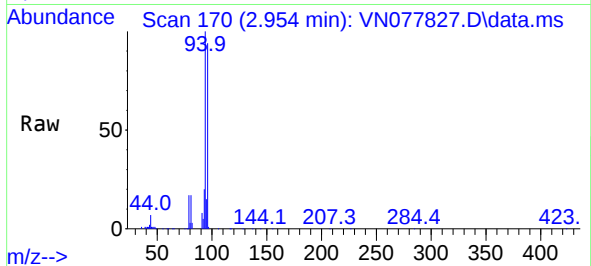




#5
Bromomethane
Concen: 42.296 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.007 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

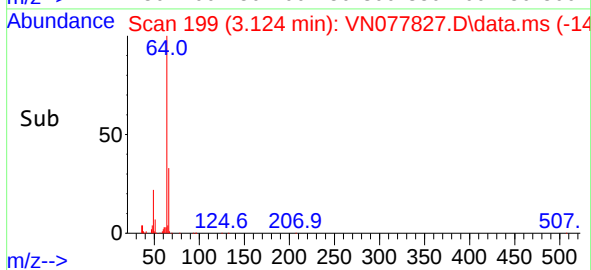
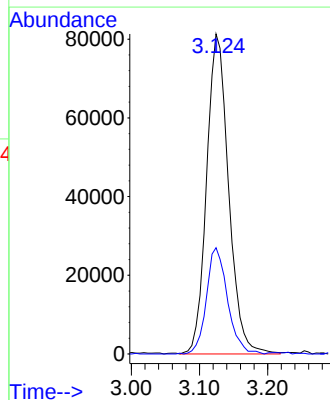
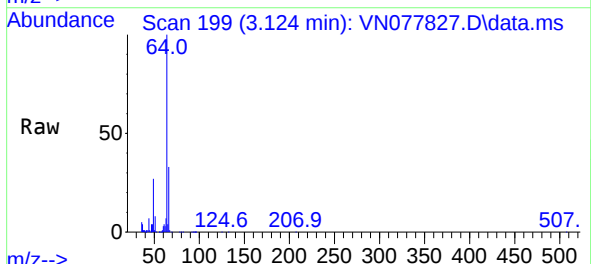
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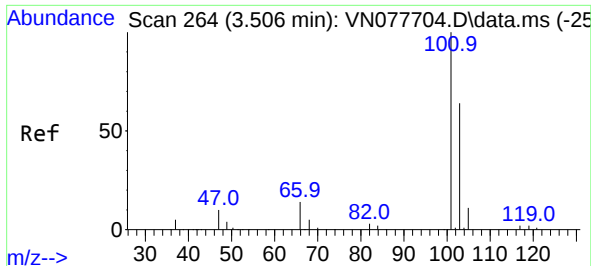
Tgt Ion: 94 Resp: 182433
Ion Ratio Lower Upper
94 100
96 94.2 73.1 109.7



#6
Chloroethane
Concen: 43.514 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN077827.D
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Tgt Ion: 64 Resp: 182889
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.2

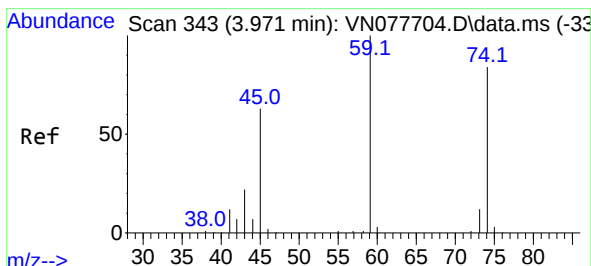
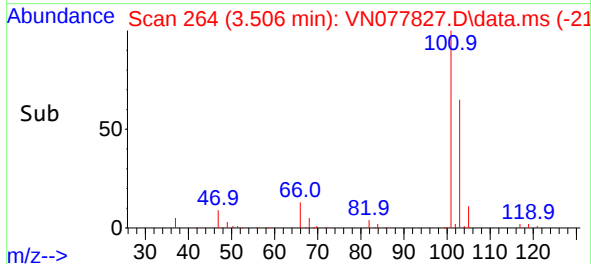
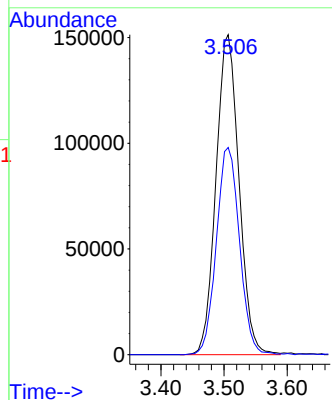
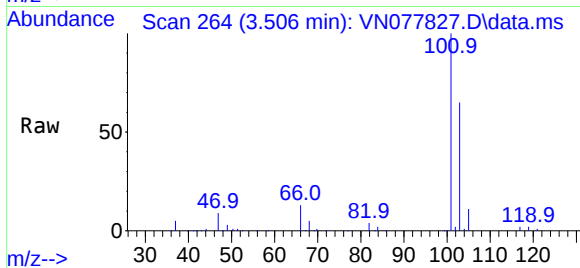




#7
Trichlorofluoromethane
Concen: 47.189 ug/l
RT: 3.506 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

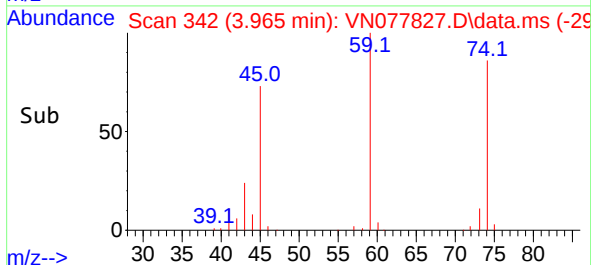
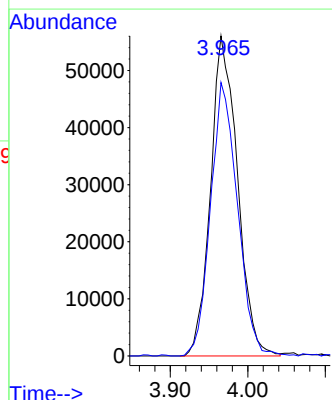
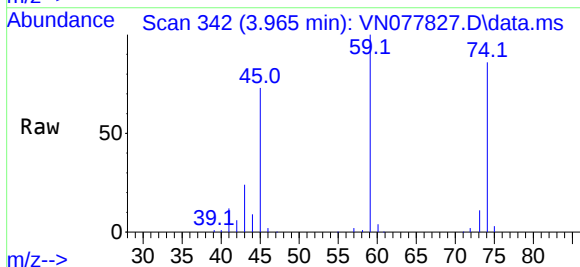
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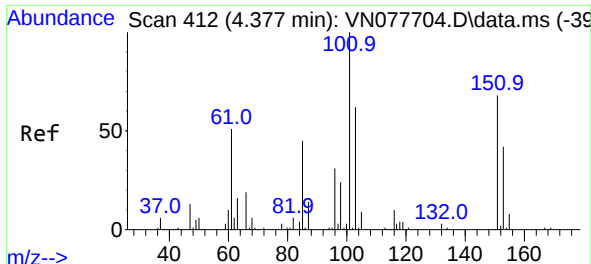
Tgt Ion:101 Resp: 383534
Ion Ratio Lower Upper
101 100
103 64.7 50.7 76.1



#8
Diethyl Ether
Concen: 45.572 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 74 Resp: 135219
Ion Ratio Lower Upper
74 100
45 85.8 34.4 103.3

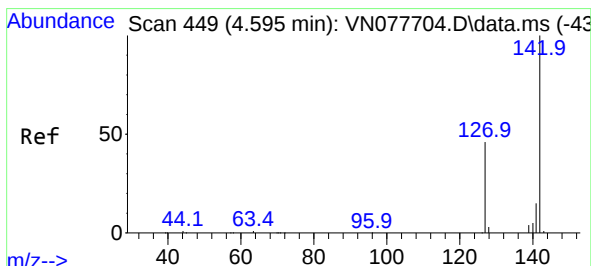
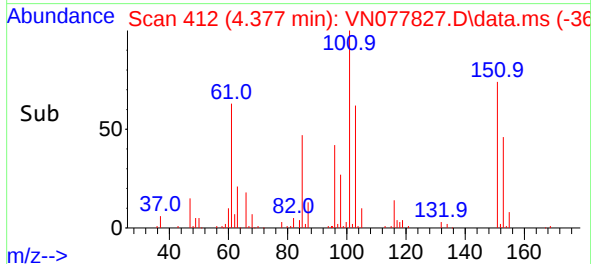
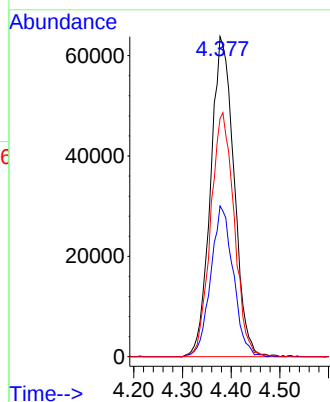
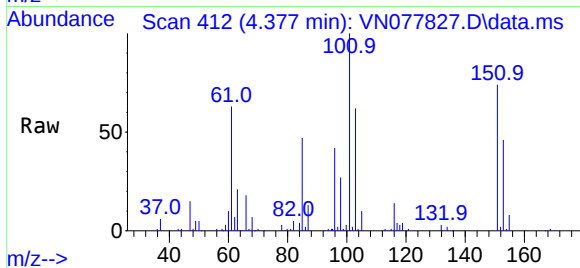




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.349 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

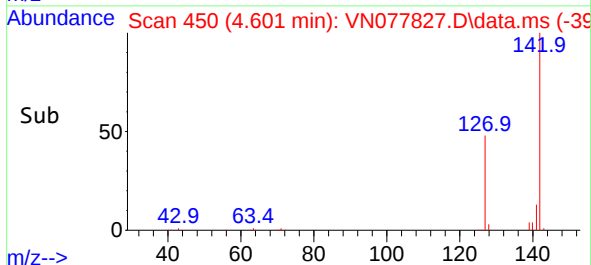
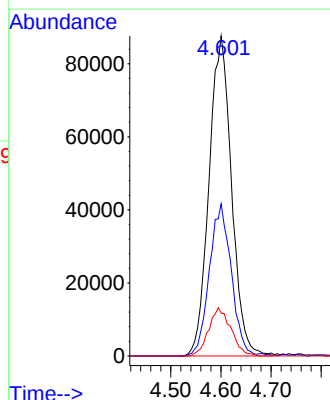
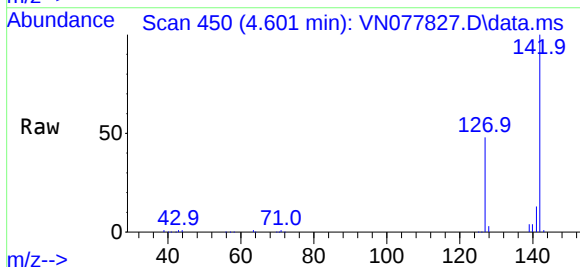
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

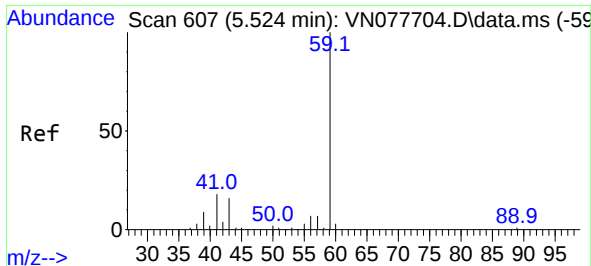
Tgt Ion:101 Resp: 212971
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 76.7 57.6 86.4



#10
Methyl Iodide
Concen: 51.105 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.007 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion:142 Resp: 274132
Ion Ratio Lower Upper
142 100
127 47.5 37.6 56.4
141 13.3 11.4 17.0

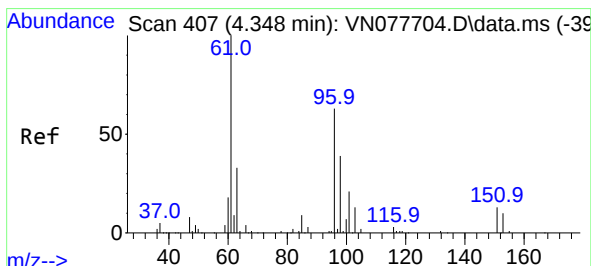
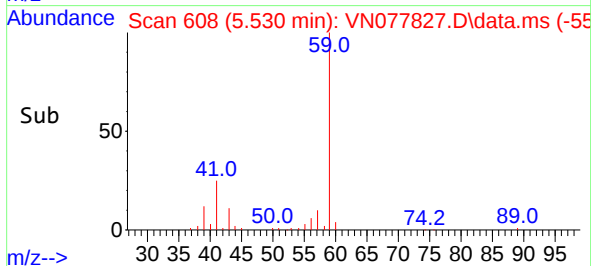
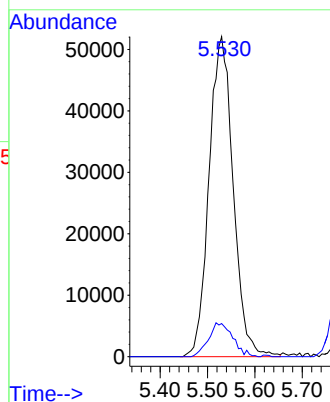
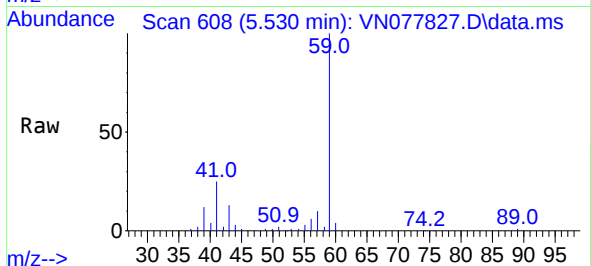




#11
Tert butyl alcohol
Concen: 219.682 ug/l
RT: 5.530 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

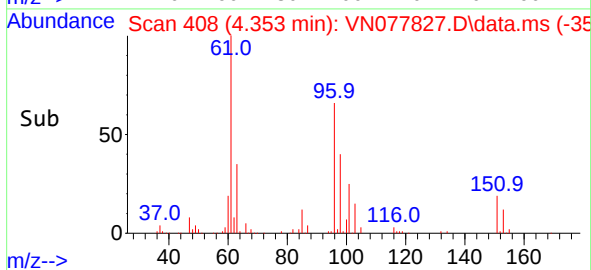
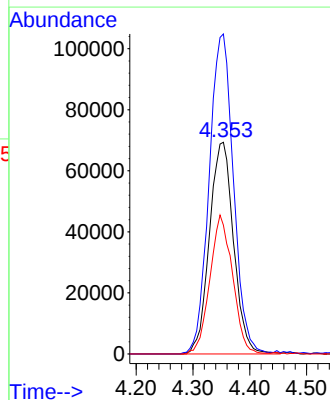
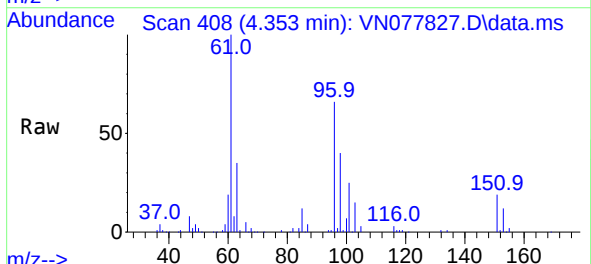
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

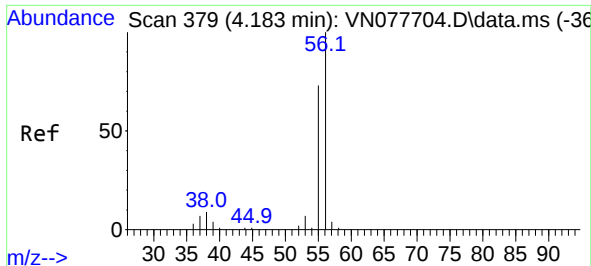
Tgt Ion: 59 Resp: 184381
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.826 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 96 Resp: 204454
Ion Ratio Lower Upper
96 100
61 151.1 112.7 169.1
98 60.8 51.2 76.8

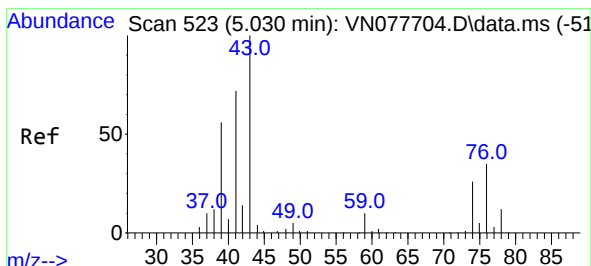
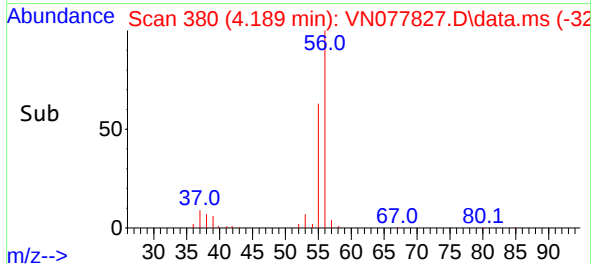
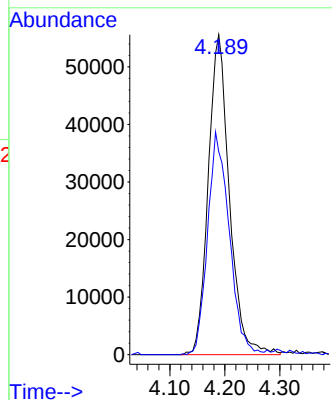
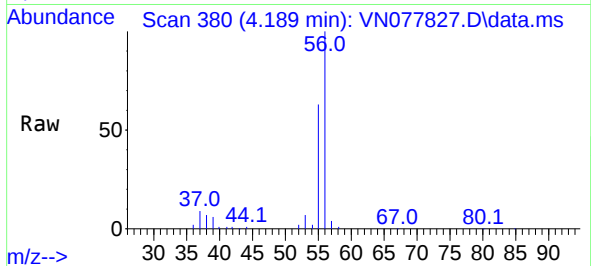




#13
Acrolein
Concen: 288.878 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

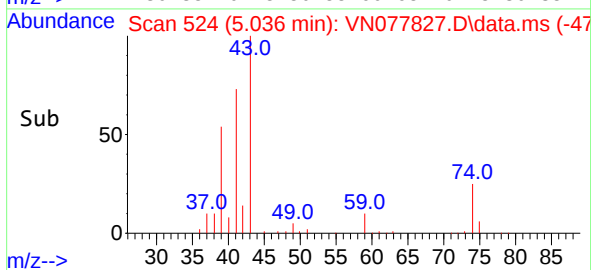
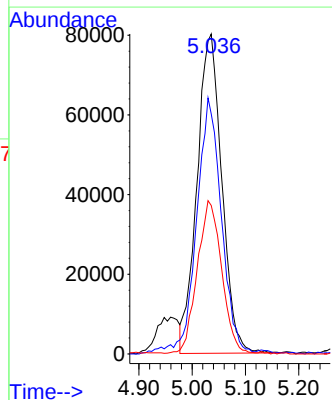
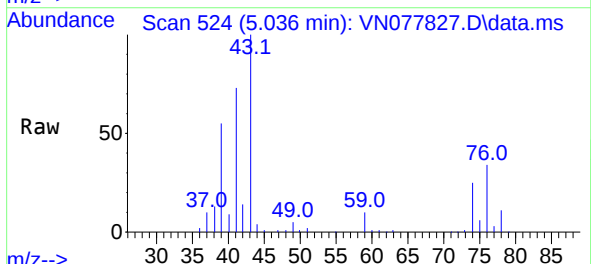
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

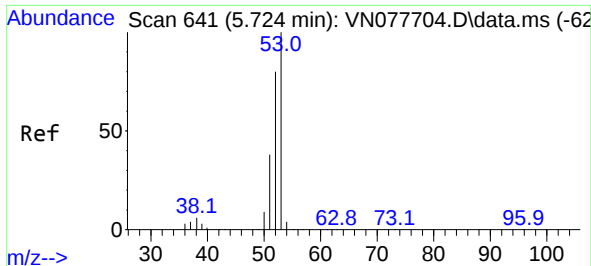
Tgt Ion: 56 Resp: 148504
Ion Ratio Lower Upper
56 100
55 71.3 54.5 81.7



#14
Allyl chloride
Concen: 41.325 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 41 Resp: 259527
Ion Ratio Lower Upper
41 100
39 80.6 58.8 88.2
76 46.7 39.1 58.7



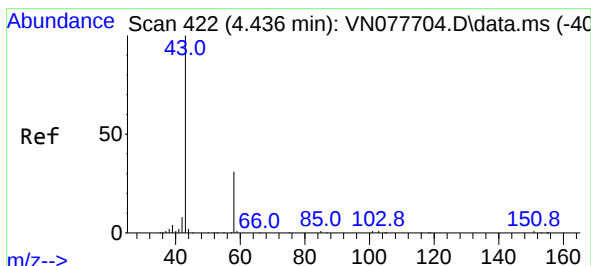
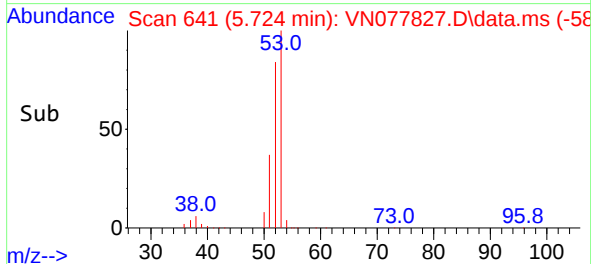
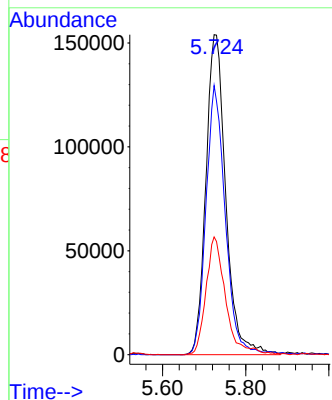
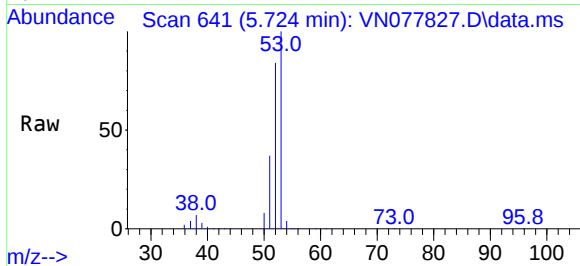


#15
Acrylonitrile
Concen: 228.208 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

Tgt Ion: 53 Resp: 511714

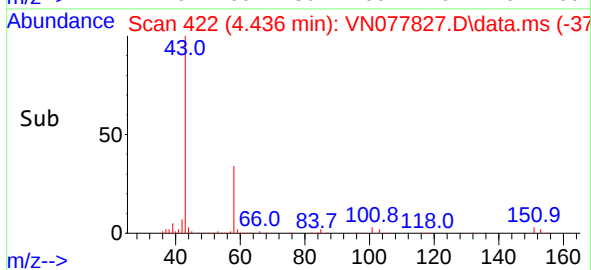
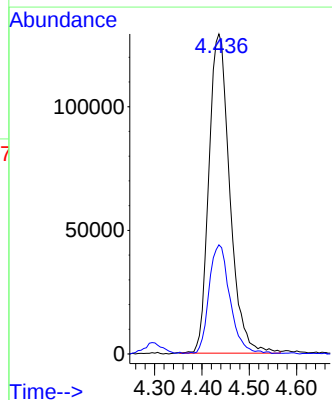
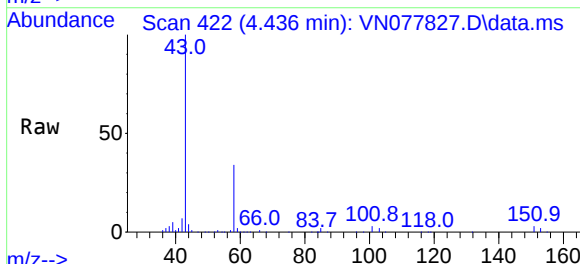
Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.3	97.9
51	36.2	28.9	43.3

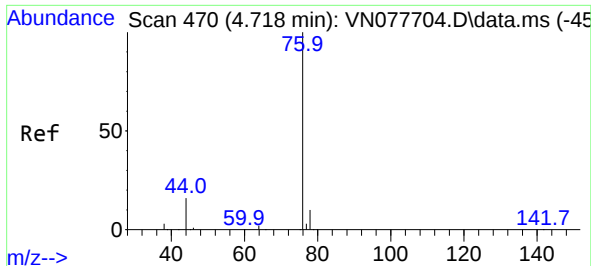


#16
Acetone
Concen: 207.138 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 43 Resp: 396323

Ion	Ratio	Lower	Upper
43	100		
58	33.9	28.0	42.0

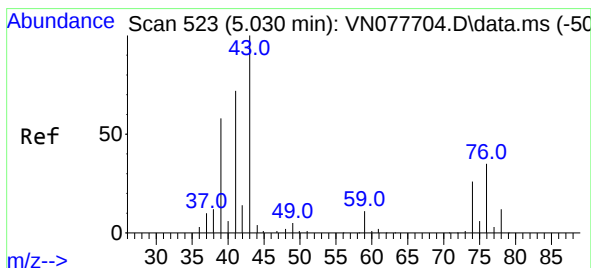
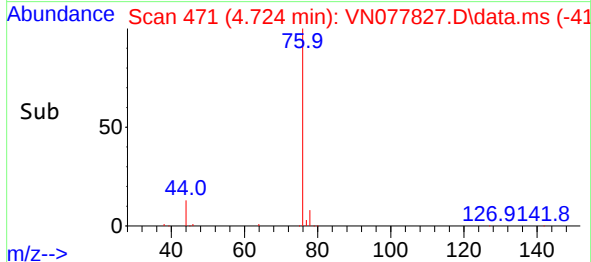
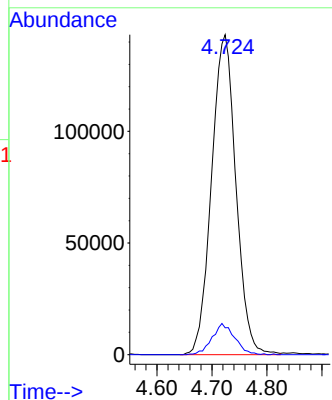
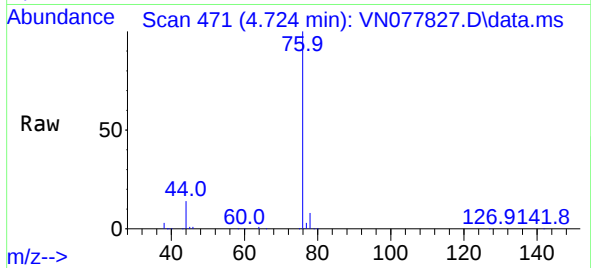




#17
Carbon Disulfide
Concen: 38.326 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

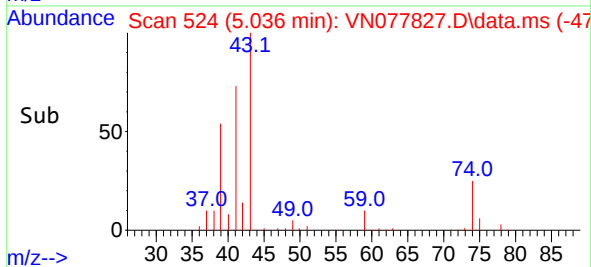
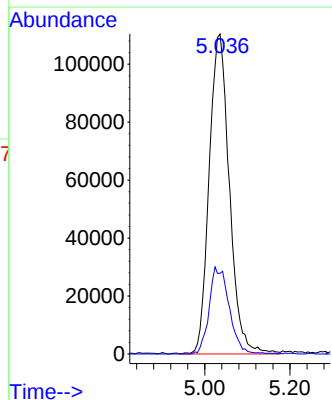
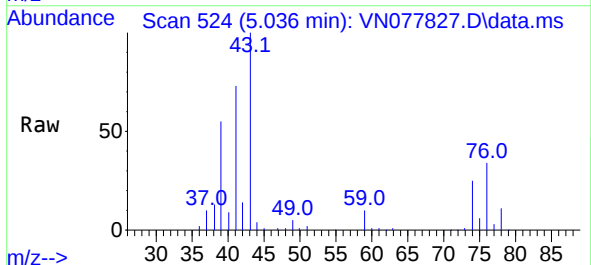
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

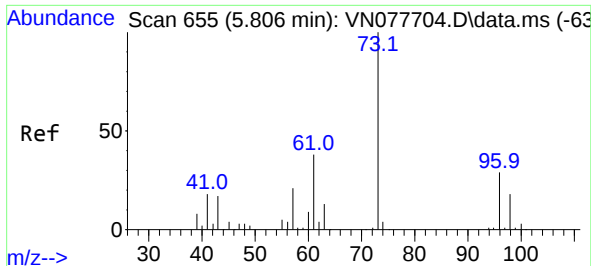
Tgt Ion: 76 Resp: 441459
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 45.377 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 43 Resp: 364226
Ion Ratio Lower Upper
43 100
74 26.8 26.2 39.4

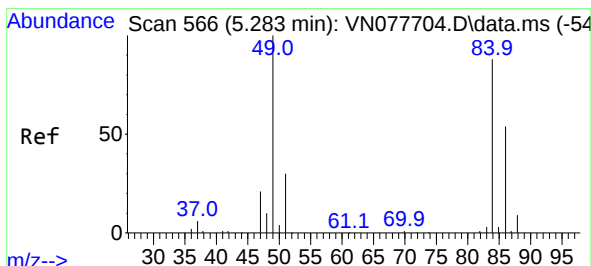
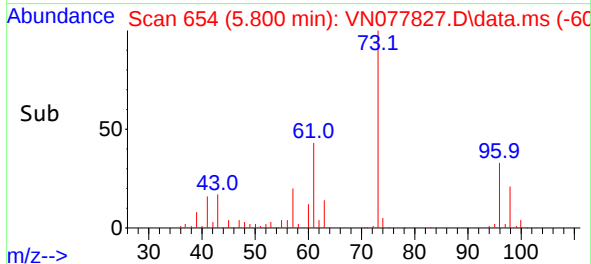
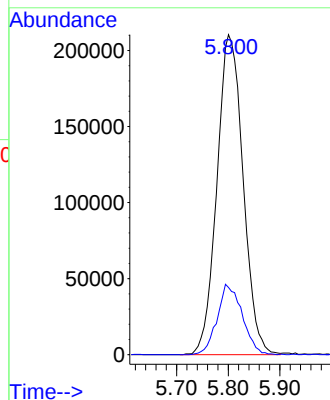
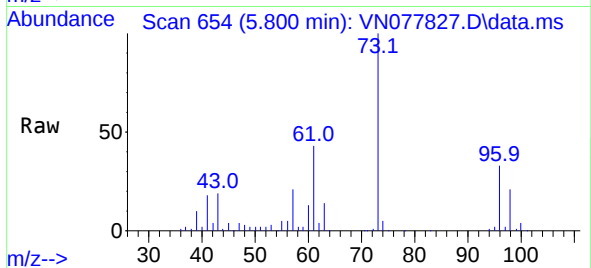




#19
Methyl tert-butyl Ether
Concen: 47.756 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

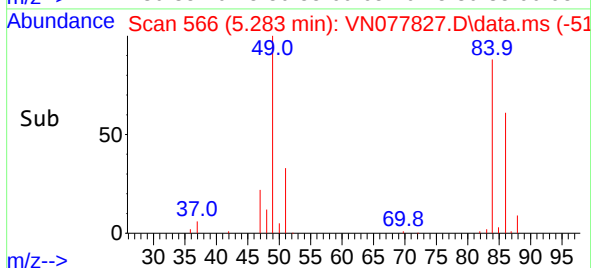
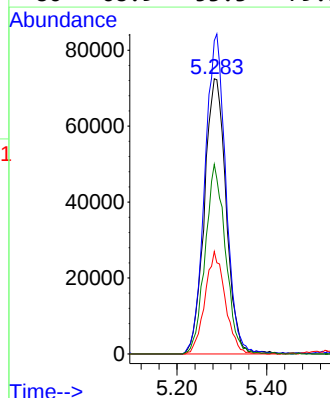
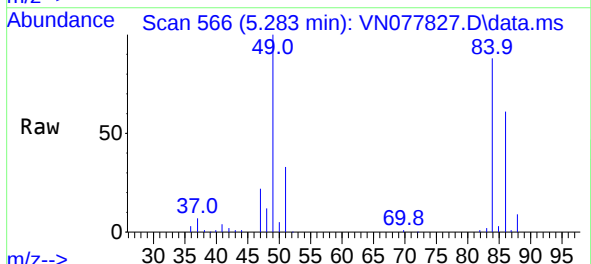
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

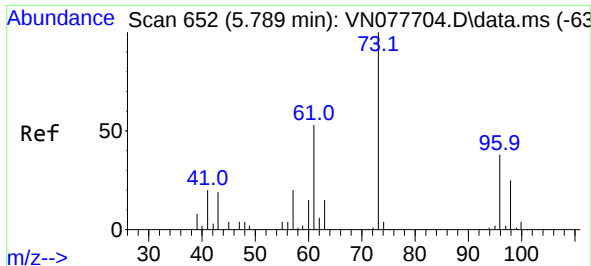
Tgt Ion: 73 Resp: 738964
Ion Ratio Lower Upper
73 100
57 21.0 15.6 23.4



#20
Methylene Chloride
Concen: 48.912 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 84 Resp: 243795
Ion Ratio Lower Upper
84 100
49 113.8 79.7 119.5
51 37.2 25.2 37.8
86 68.9 53.3 79.9

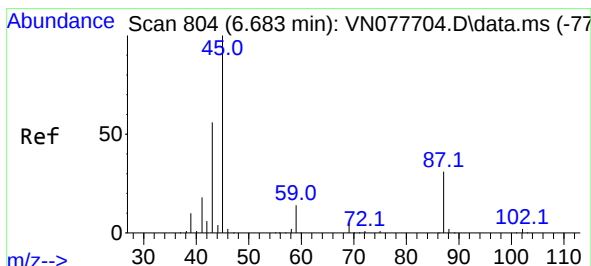
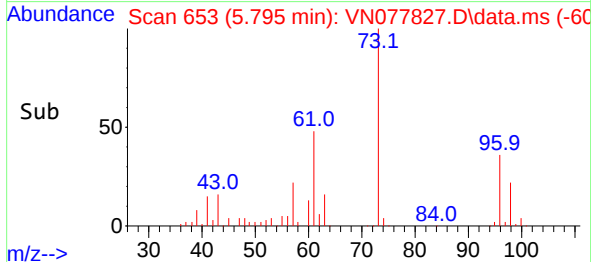
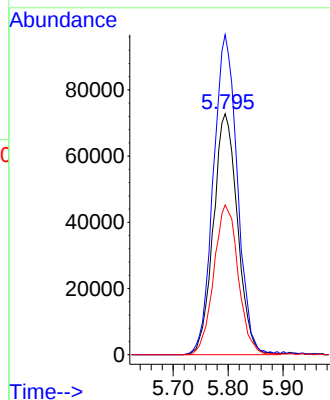
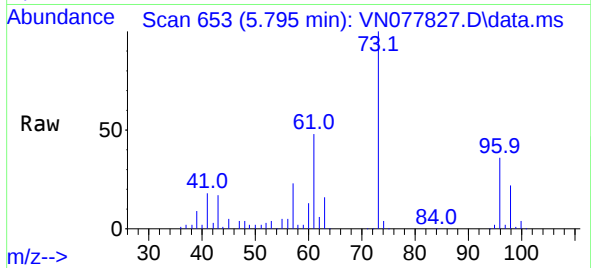




#21
trans-1,2-Dichloroethene
Concen: 46.301 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

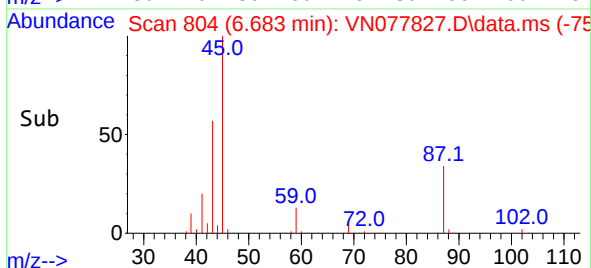
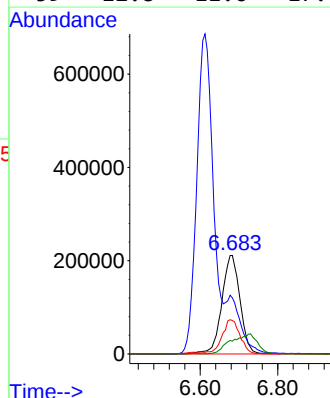
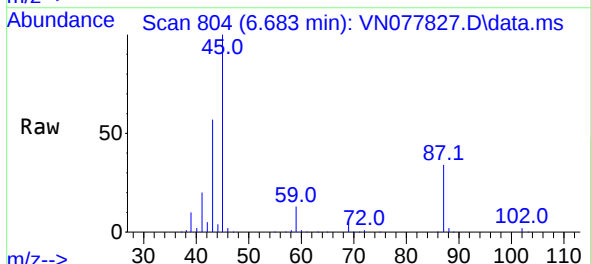
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

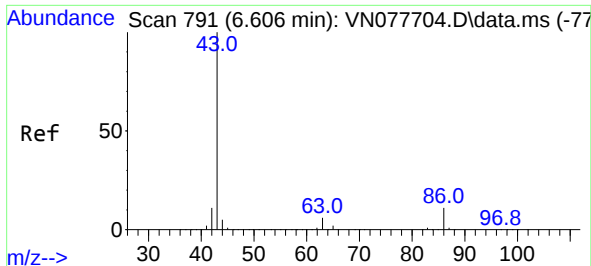
Tgt Ion: 96 Resp: 222341
Ion Ratio Lower Upper
96 100
61 132.8 90.1 135.1
98 62.2 46.4 69.6



#22
Diisopropyl ether
Concen: 46.785 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 45 Resp: 688679
Ion Ratio Lower Upper
45 100
43 56.4 45.5 68.3
87 33.7 31.8 47.8
59 12.8 11.6 17.4

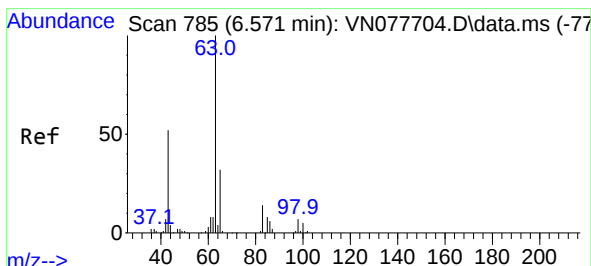
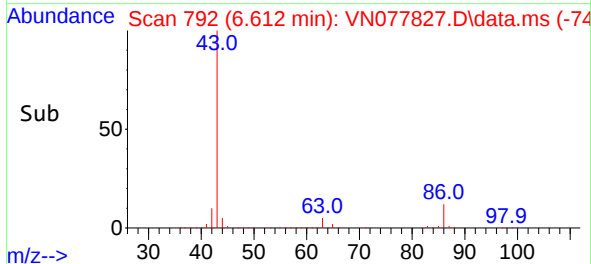
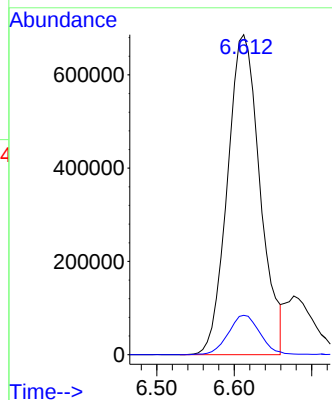
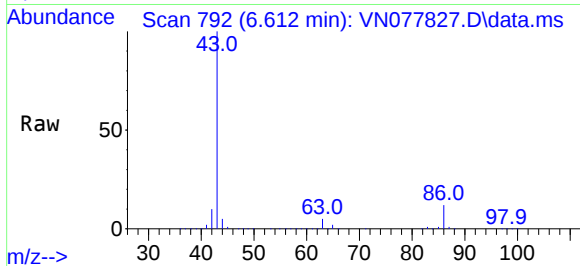




#23
 Vinyl Acetate
 Concen: 220.654 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077827.D
 Acq: 23 May 2023 21:24

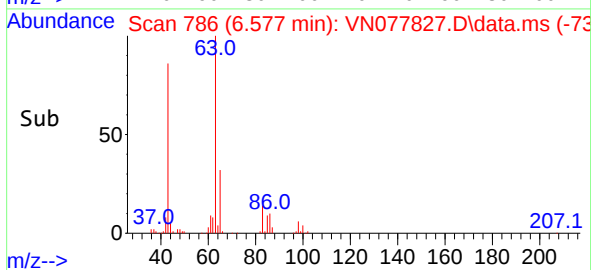
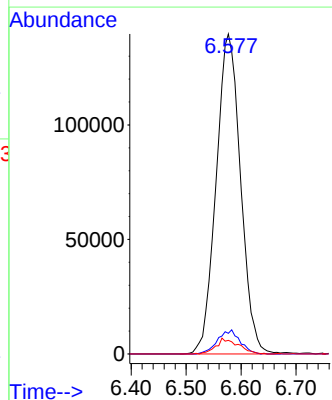
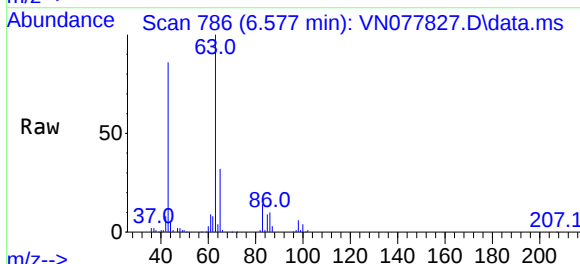
Instrument :
 MSVOA_N
 ClientSampleId :
 PB152982ZHE#09

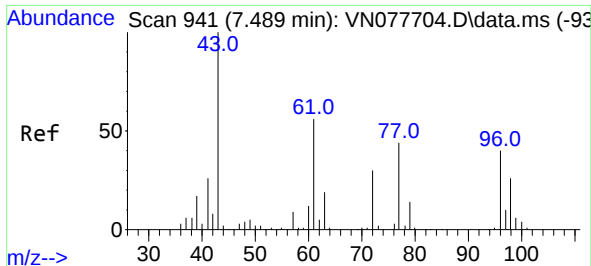
Tgt Ion: 43 Resp: 2012433
 Ion Ratio Lower Upper
 43 100
 86 12.3 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 47.814 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077827.D
 Acq: 23 May 2023 21:24

Tgt Ion: 63 Resp: 431194
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 4.2 2.5 7.4

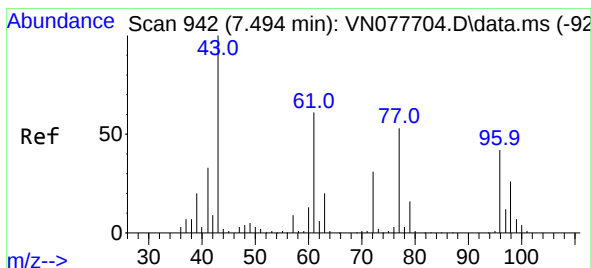
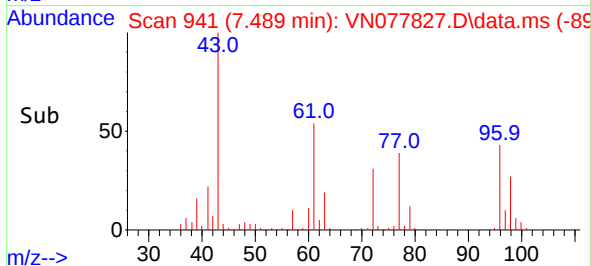
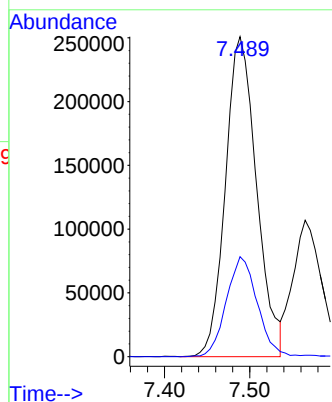
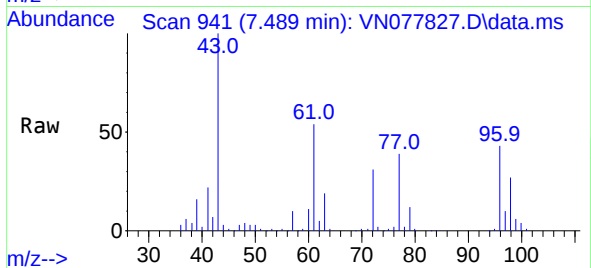




#25
2-Butanone
Concen: 213.248 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

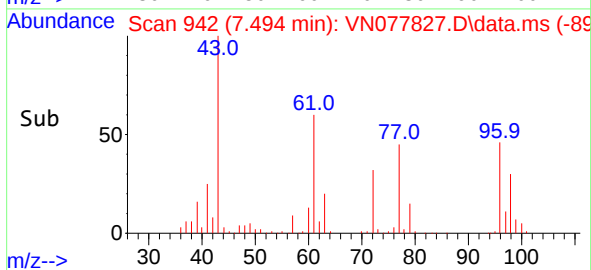
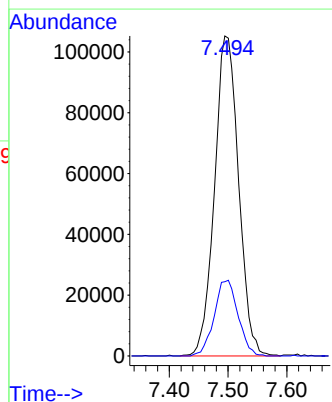
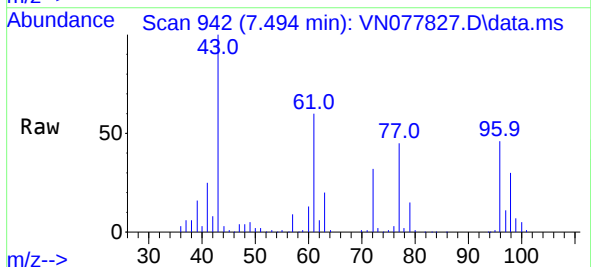
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

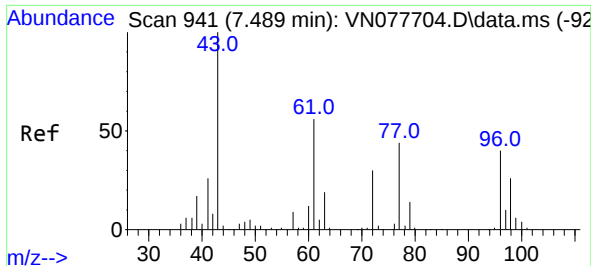
Tgt Ion: 43 Resp: 638256
Ion Ratio Lower Upper
43 100
72 31.3 30.2 45.2



#26
2,2-Dichloropropane
Concen: 39.039 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 77 Resp: 299102
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6



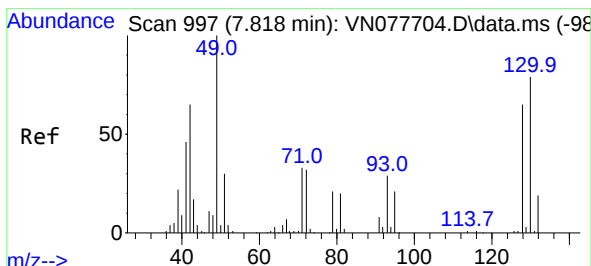
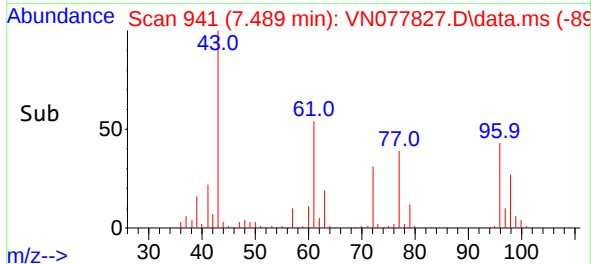
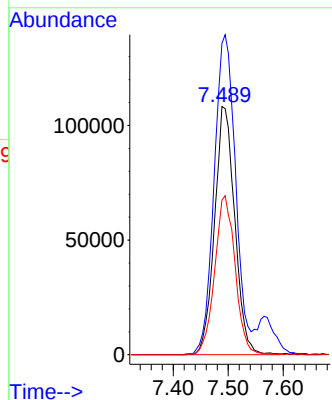
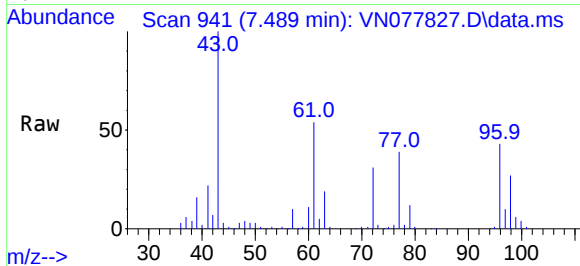


#27
 cis-1,2-Dichloroethene
 Concen: 48.102 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.001 min
 Lab File: VN077827.D
 Acq: 23 May 2023 21:24

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152982ZHE#09

Tgt Ion: 96 Resp: 276964

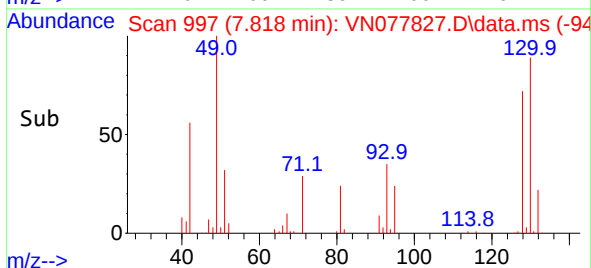
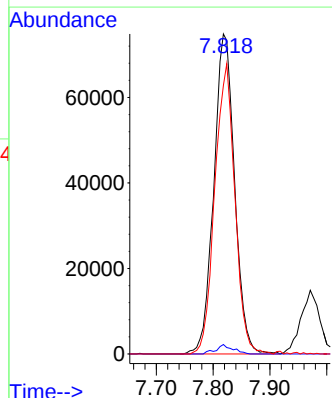
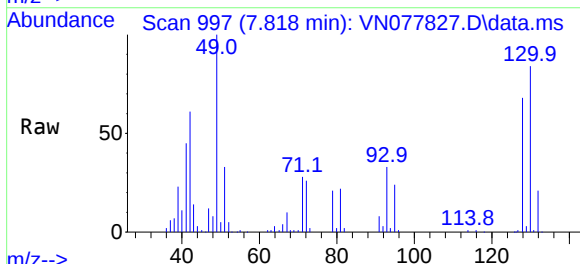
Ion	Ratio	Lower	Upper
96	100		
61	135.8	0.0	255.2
98	64.8	0.0	128.8

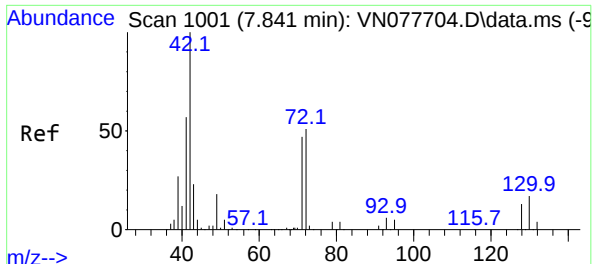


#28
 Bromochloromethane
 Concen: 48.810 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN077827.D
 Acq: 23 May 2023 21:24

Tgt Ion: 49 Resp: 190368

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	87.5	75.3	112.9

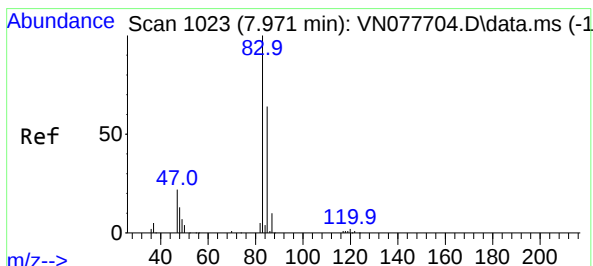
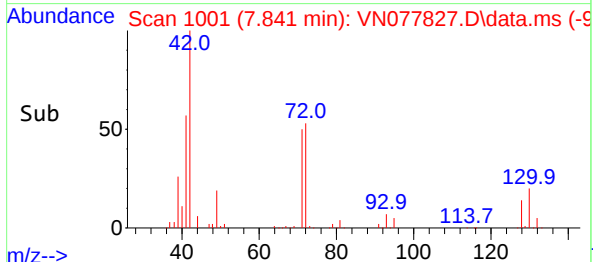
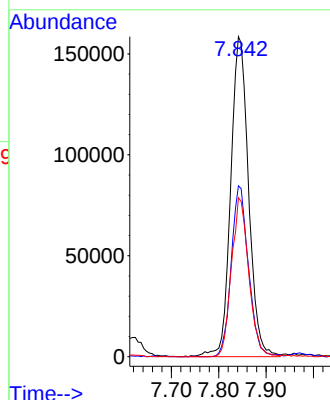
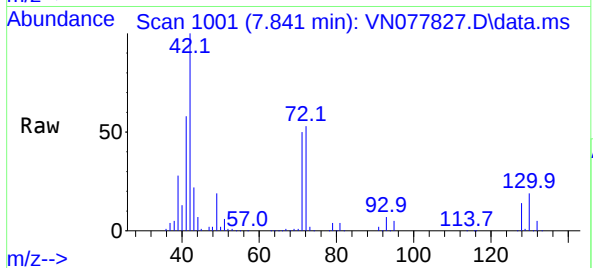




#29
Tetrahydrofuran
Concen: 211.812 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

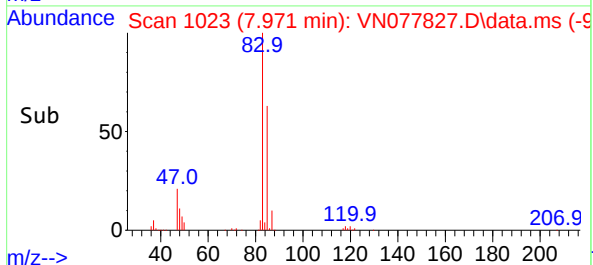
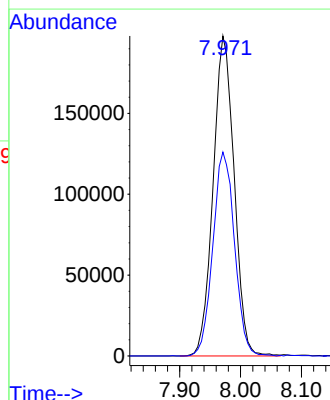
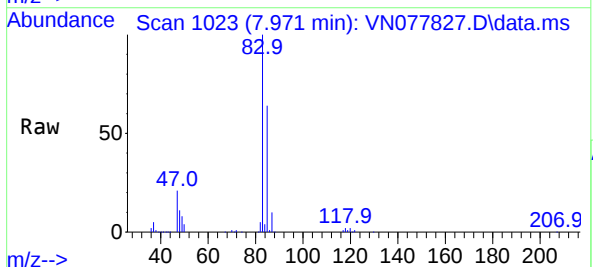
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

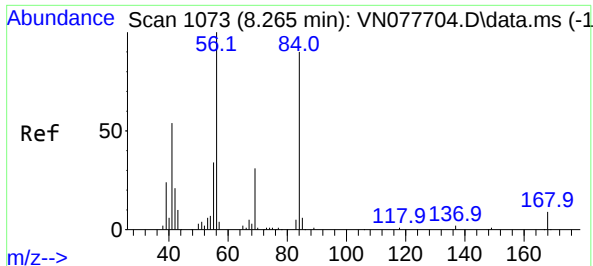
Tgt Ion: 42 Resp: 415112
Ion Ratio Lower Upper
42 100
72 51.6 49.8 74.6
71 48.1 47.4 71.2



#30
Chloroform
Concen: 47.879 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

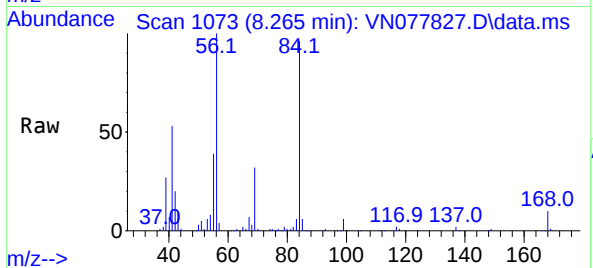
Tgt Ion: 83 Resp: 474980
Ion Ratio Lower Upper
83 100
85 63.7 55.4 83.0



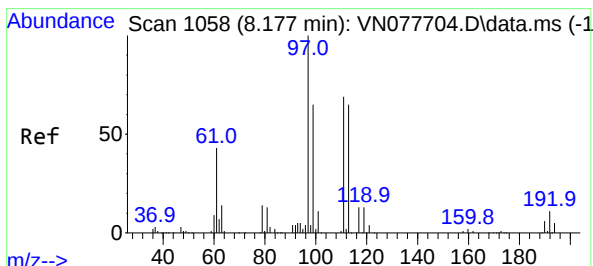
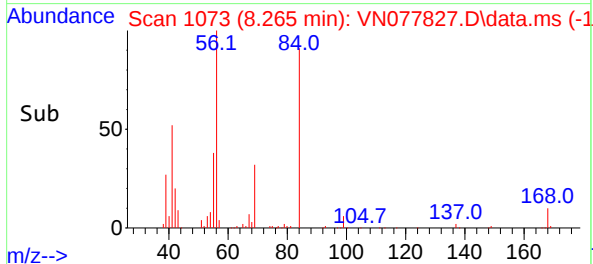
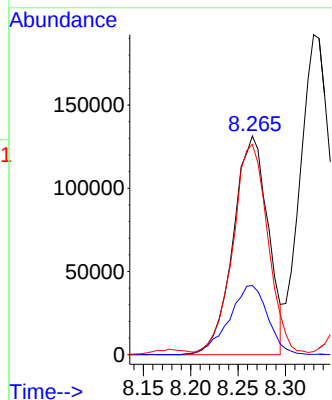


#31
Cyclohexane
Concen: 40.606 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

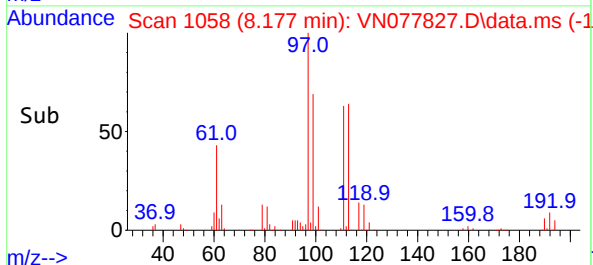
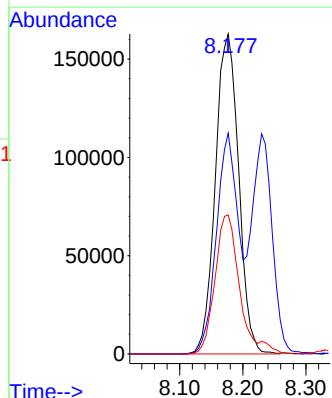
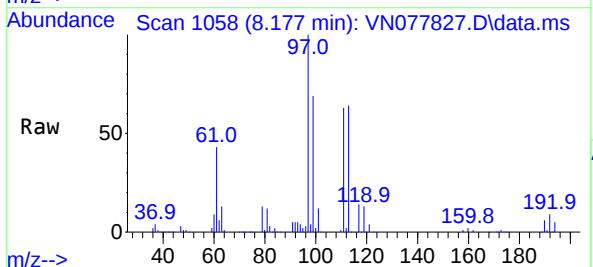


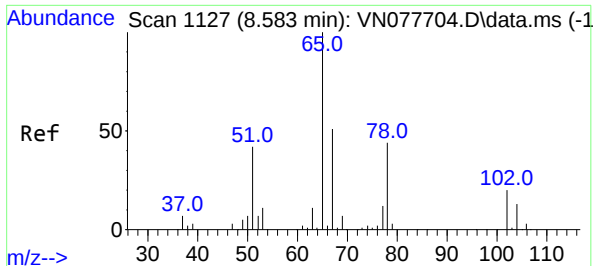
Tgt Ion: 56 Resp: 335636
Ion Ratio Lower Upper
56 100
69 31.6 26.8 40.2
84 94.4 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 49.495 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 97 Resp: 417453
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 46.0 34.7 52.1

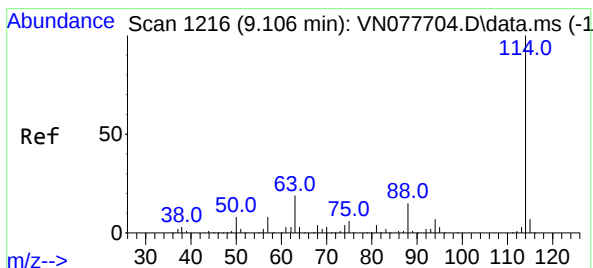
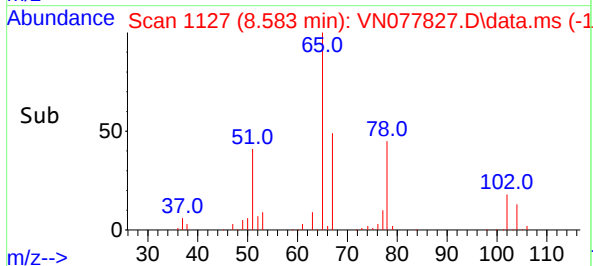
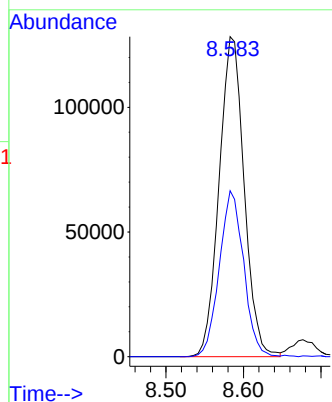
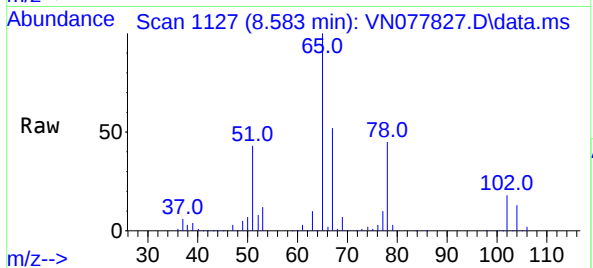




#33
1,2-Dichloroethane-d4
Concen: 47.478 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

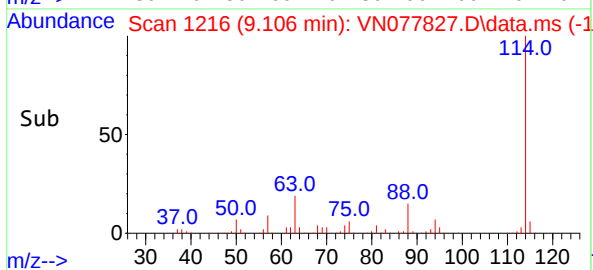
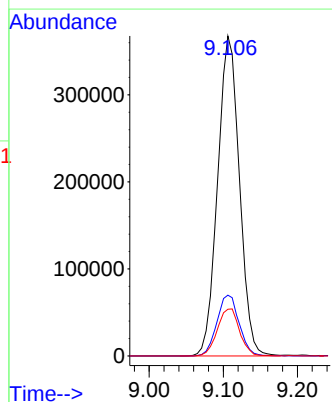
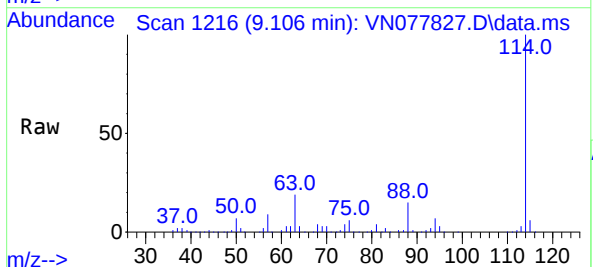
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

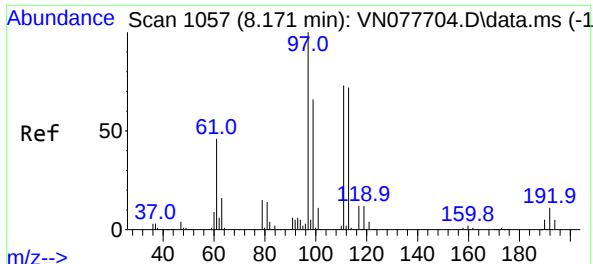
Tgt Ion: 65 Resp: 288741
Ion Ratio Lower Upper
65 100
67 50.3 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 114 Resp: 751405
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.4
88 14.6 0.0 30.6

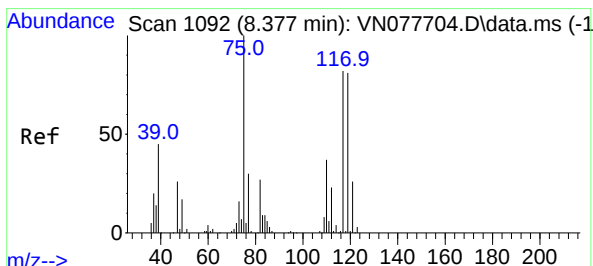
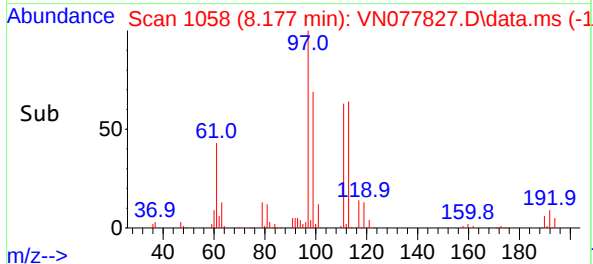
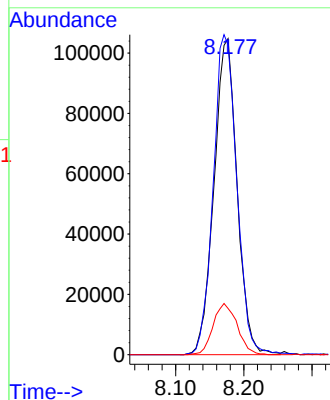
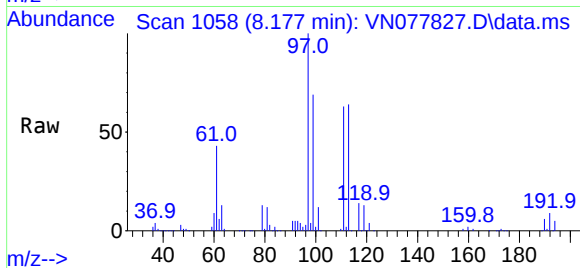




#35
Dibromofluoromethane
Concen: 50.425 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

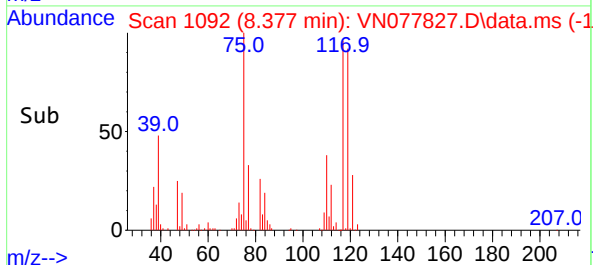
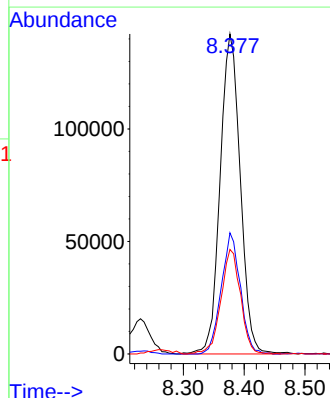
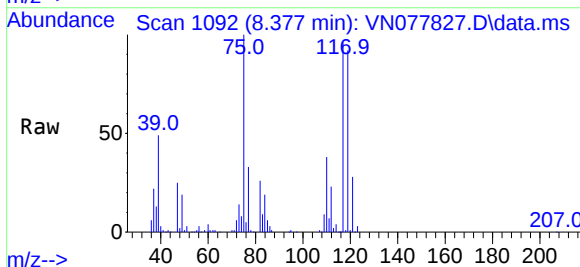
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

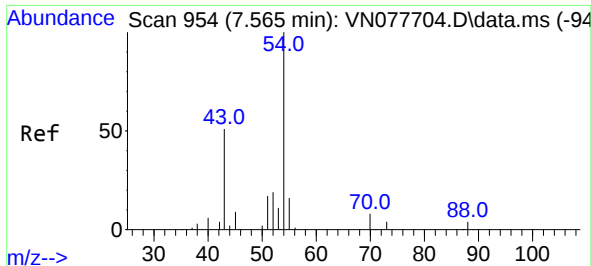
Tgt Ion:113 Resp: 247074
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 16.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 45.631 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 75 Resp: 327028
Ion Ratio Lower Upper
75 100
110 35.8 19.1 57.3
77 31.7 25.0 37.4





#37

Ethyl Acetate

Concen: 40.020 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN077827.D

Acq: 23 May 2023 21:24

Instrument :

MSVOA_N

ClientSampleId :

PB152982ZHE#09

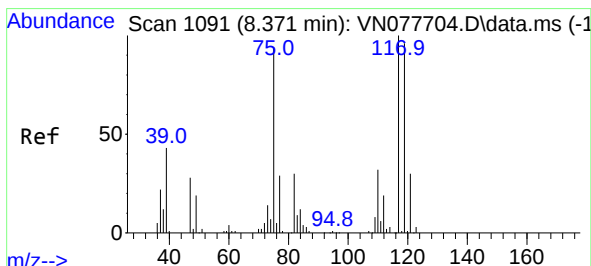
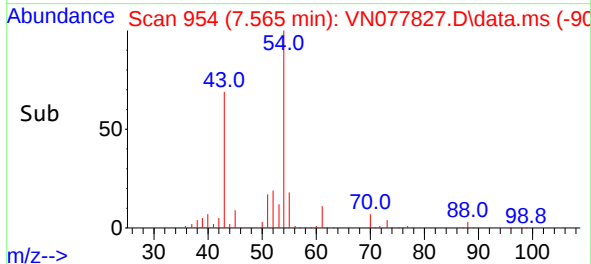
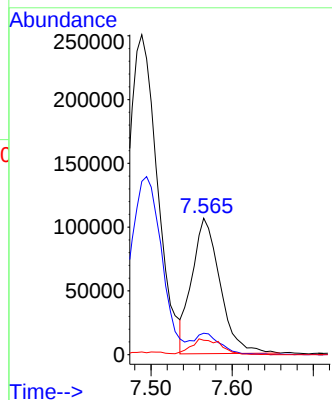
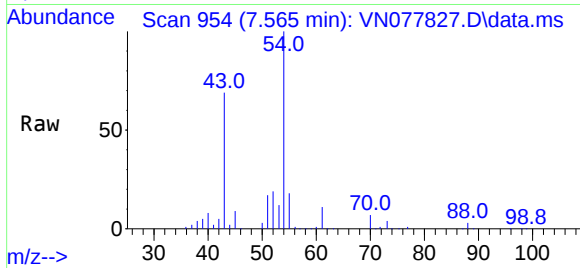
Tgt Ion: 43 Resp: 255637

Ion Ratio Lower Upper

43 100

61 12.7 13.2 19.8#

70 12.3 11.3 16.9



#38

Carbon Tetrachloride

Concen: 51.526 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN077827.D

Acq: 23 May 2023 21:24

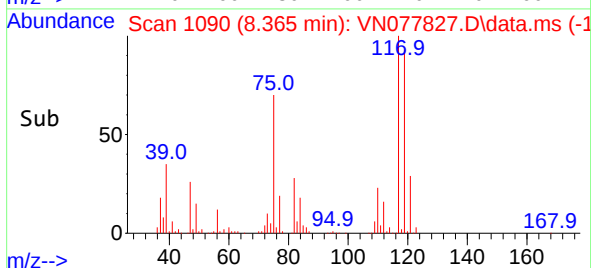
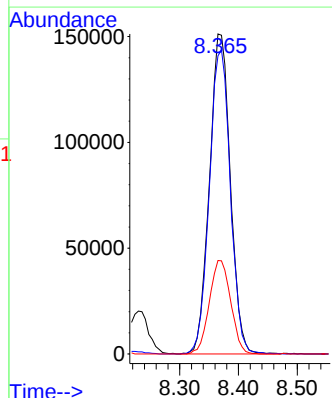
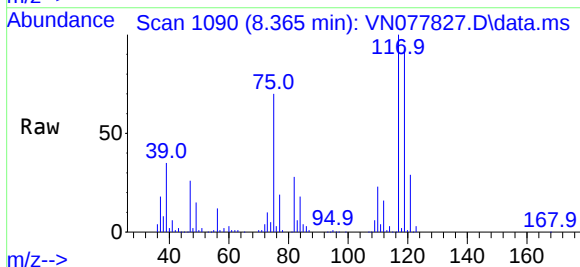
Tgt Ion: 117 Resp: 372892

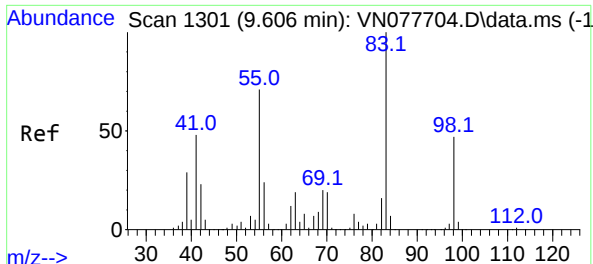
Ion Ratio Lower Upper

117 100

119 93.1 77.3 115.9

121 29.2 23.3 34.9

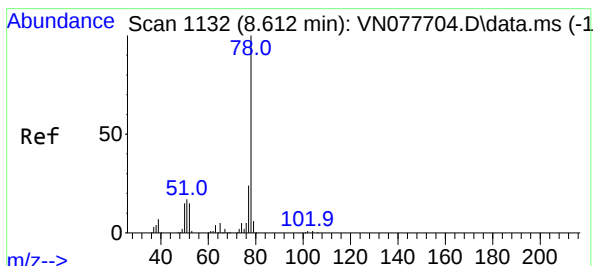
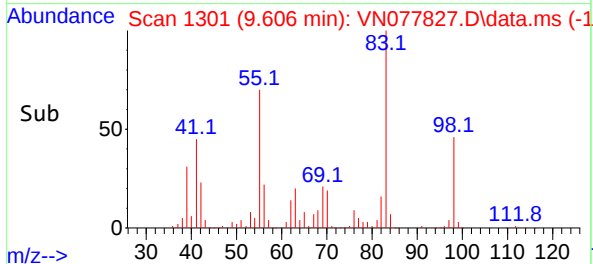
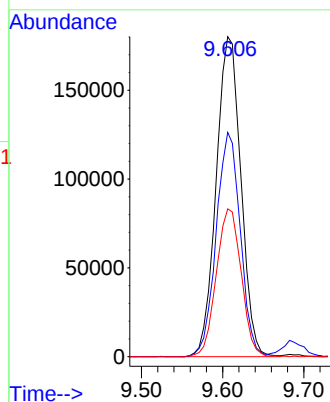
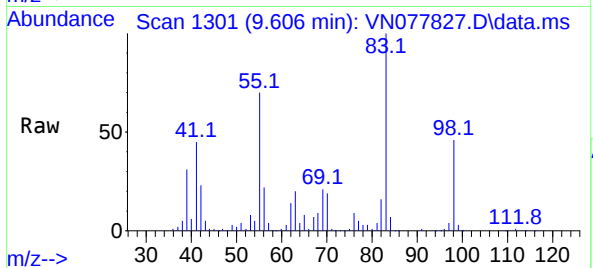




#39
Methylcyclohexane
Concen: 43.487 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

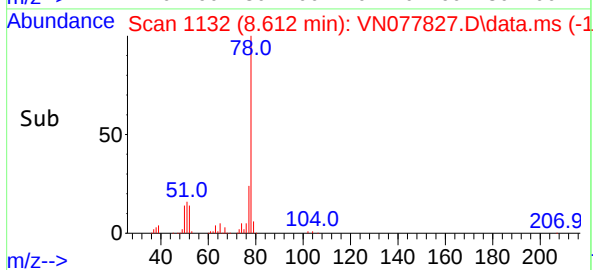
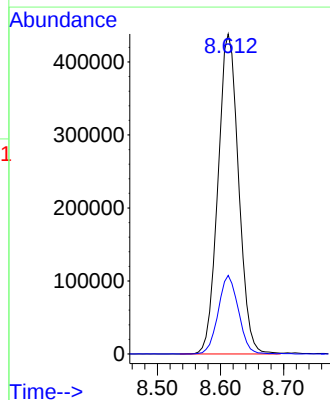
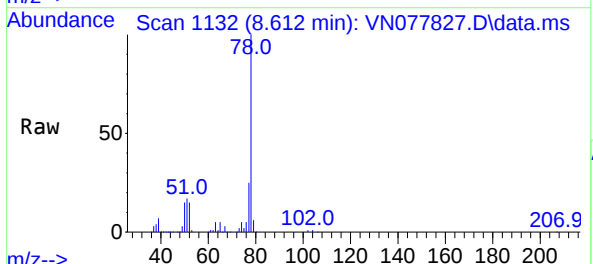
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

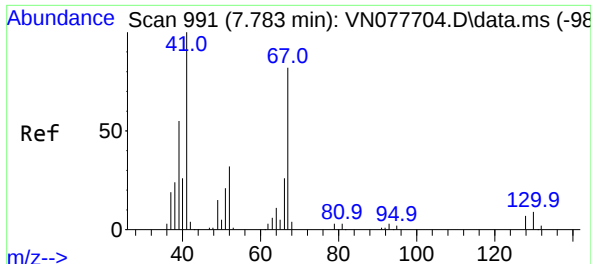
Tgt Ion: 83 Resp: 381548
Ion Ratio Lower Upper
83 100
55 70.1 49.1 73.7
98 46.2 40.6 61.0



#40
Benzene
Concen: 47.030 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 78 Resp: 994636
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.6



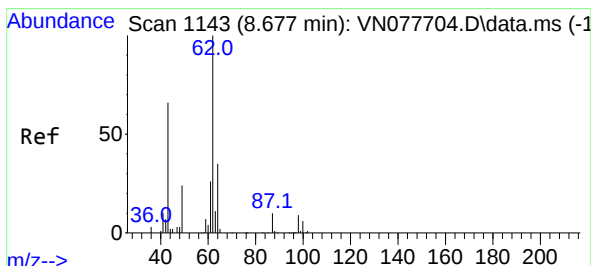
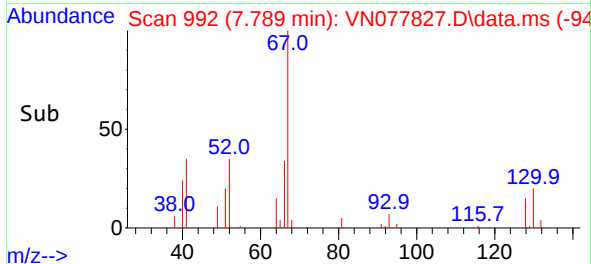
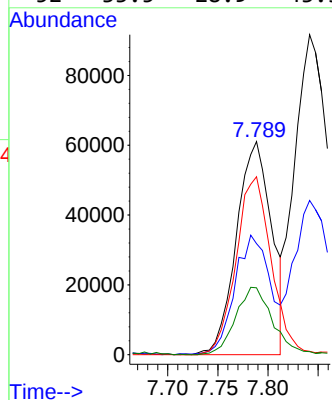
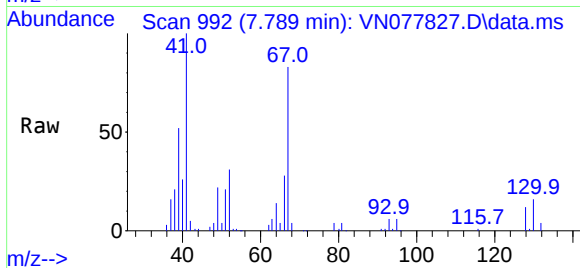


#41
Methacrylonitrile
Concen: 43.815 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.007 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

Tgt Ion: 41 Resp: 149052

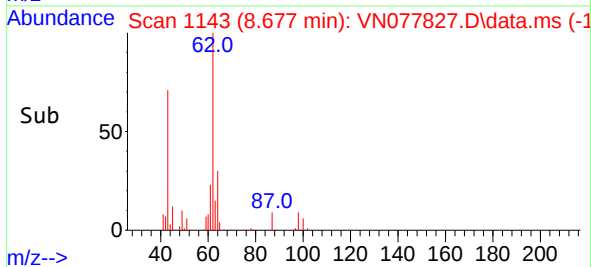
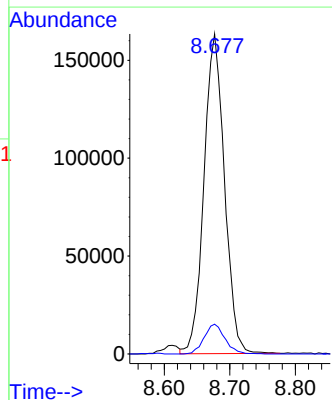
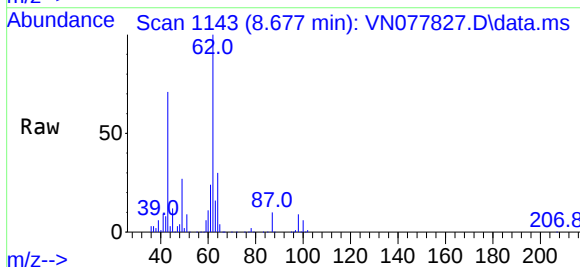
Ion	Ratio	Lower	Upper
41	100		
39	57.0	42.6	64.0
67	84.3	77.5	116.3
52	33.5	28.9	43.3

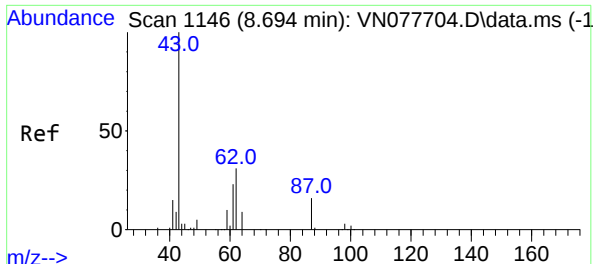


#42
1,2-Dichloroethane
Concen: 46.271 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 62 Resp: 355479

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8

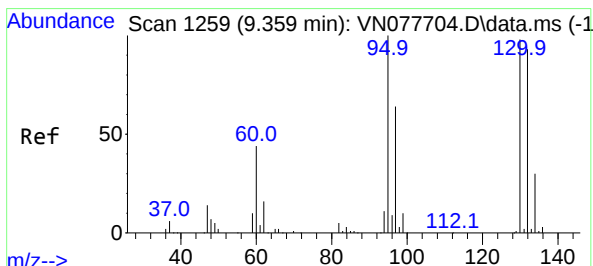
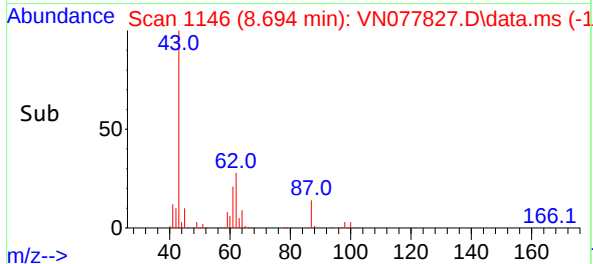
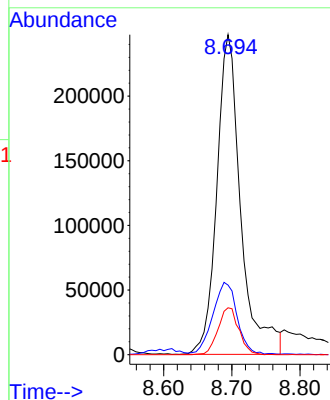
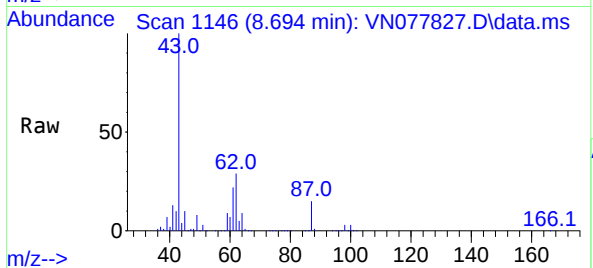




#43
Isopropyl Acetate
Concen: 57.977 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

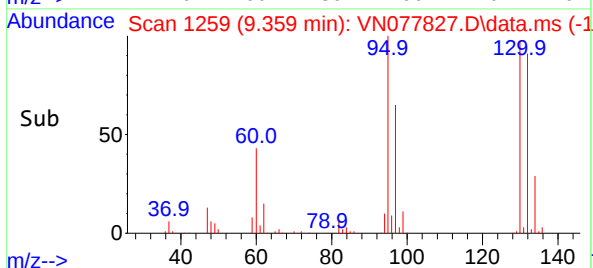
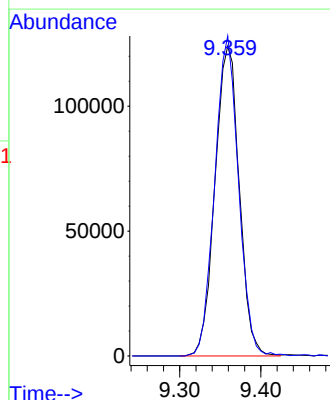
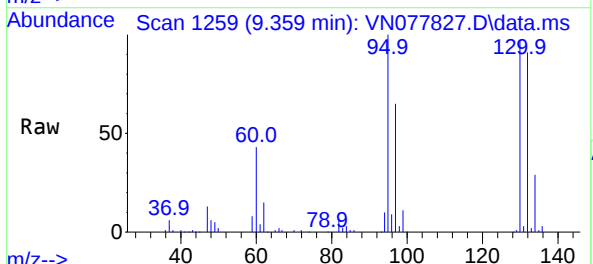
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

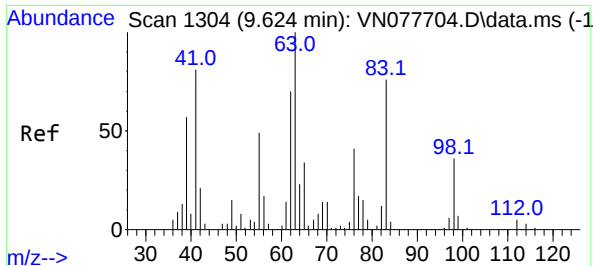
Tgt Ion: 43 Resp: 604924
Ion Ratio Lower Upper
43 100
61 22.9 24.7 37.1#
87 12.7 14.6 21.8#



#44
Trichloroethene
Concen: 48.139 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion:130 Resp: 257786
Ion Ratio Lower Upper
130 100
95 103.3 0.0 204.6

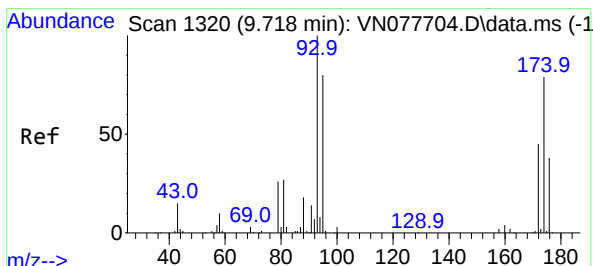
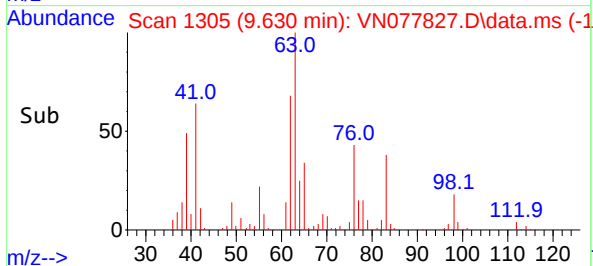
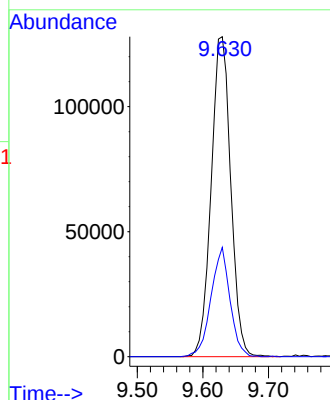
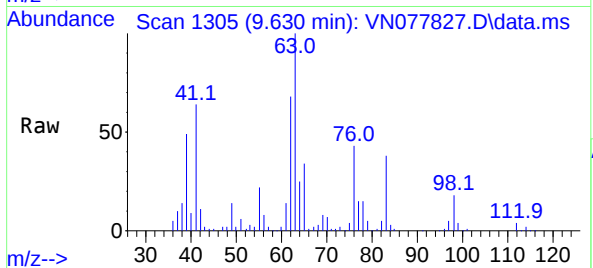




#45
1,2-Dichloropropane
Concen: 49.154 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

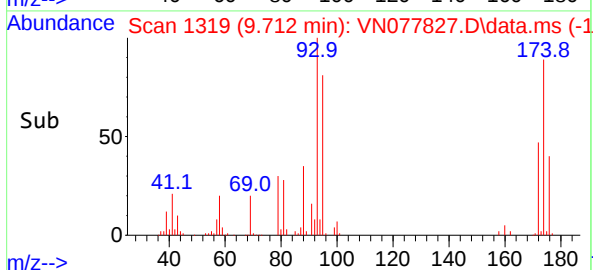
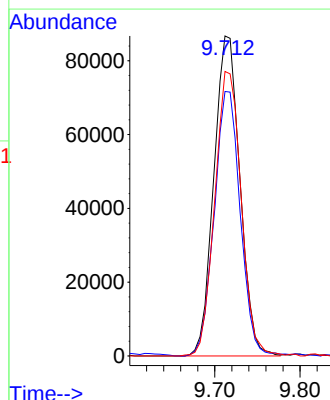
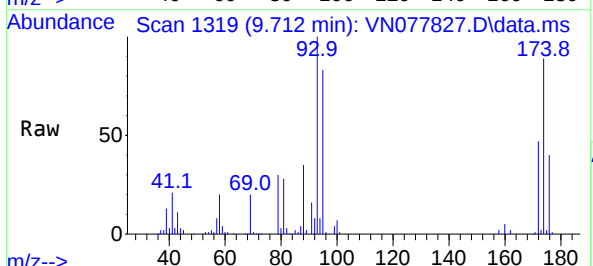
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

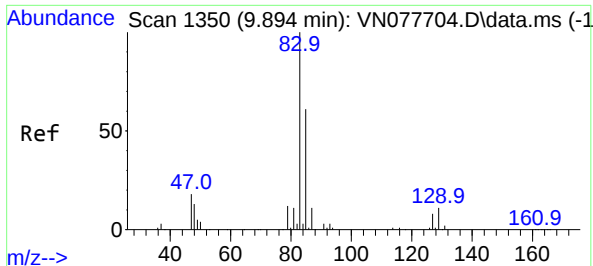
Tgt Ion: 63 Resp: 265158
Ion Ratio Lower Upper
63 100
65 34.2 23.9 35.9



#46
Dibromomethane
Concen: 47.783 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 93 Resp: 184446
Ion Ratio Lower Upper
93 100
95 82.5 63.8 95.8
174 90.0 65.6 98.4

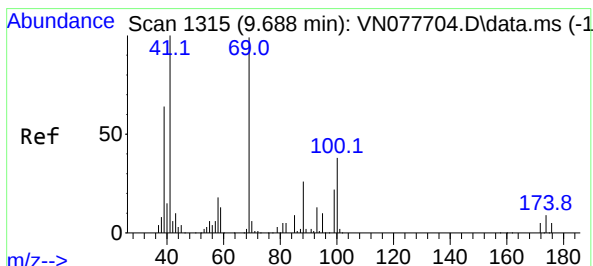
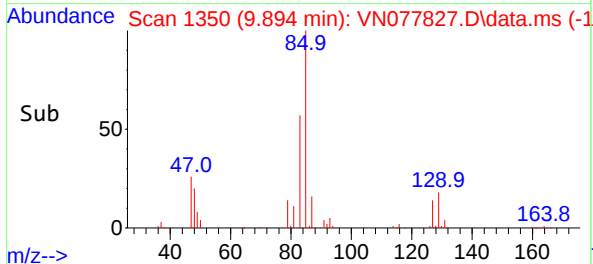
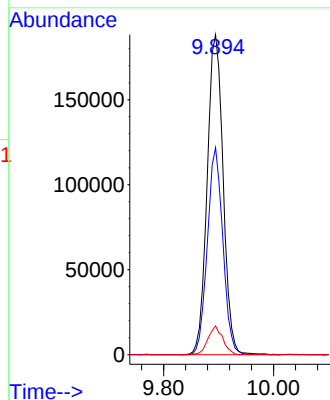
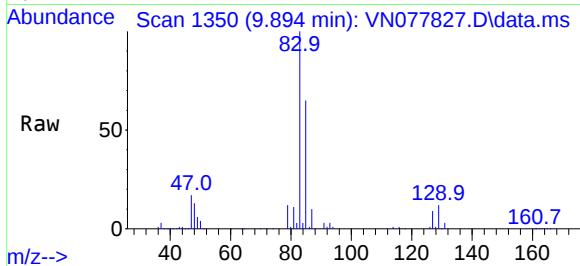




#47
Bromodichloromethane
Concen: 51.340 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

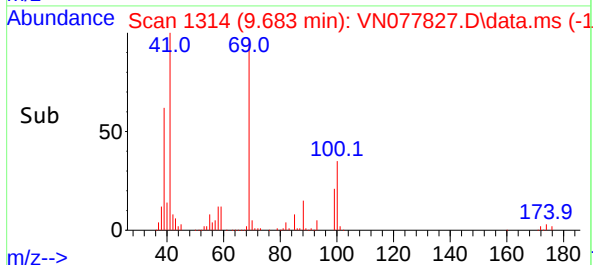
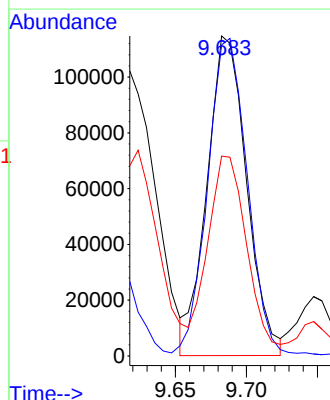
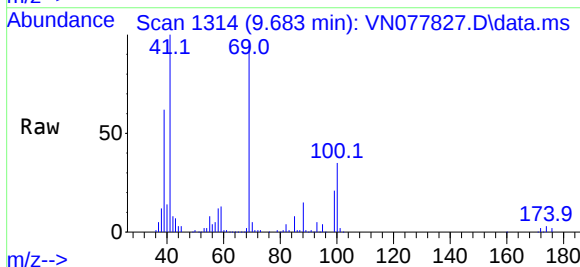
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

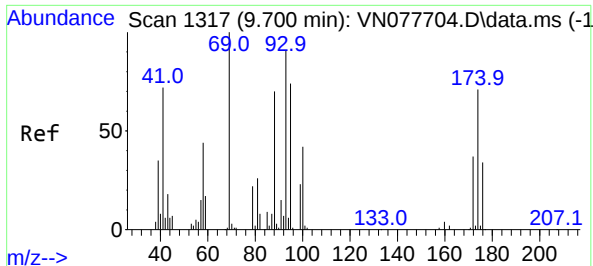
Tgt Ion: 83 Resp: 379413
Ion Ratio Lower Upper
83 100
85 64.7 49.6 74.4
127 9.0 7.0 10.6



#48
Methyl methacrylate
Concen: 44.974 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.005 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 41 Resp: 222481
Ion Ratio Lower Upper
41 100
69 98.9 90.4 135.6
39 61.5 54.6 81.8





#49

1,4-Dioxane

Concen: 952.490 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077827.D

Acq: 23 May 2023 21:24

Instrument :

MSVOA_N

ClientSampleId :

PB152982ZHE#09

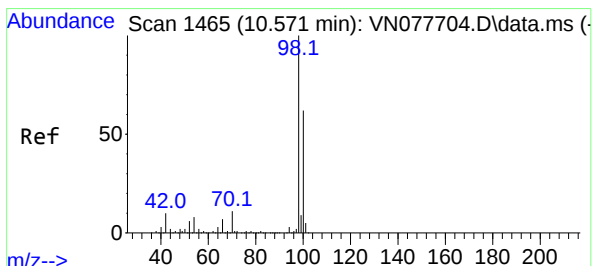
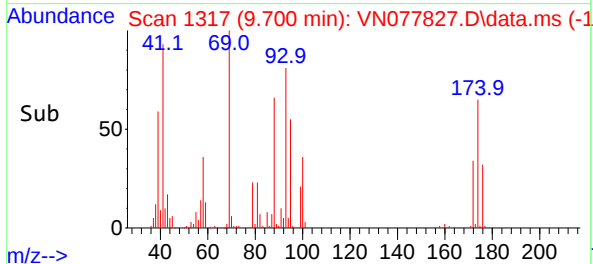
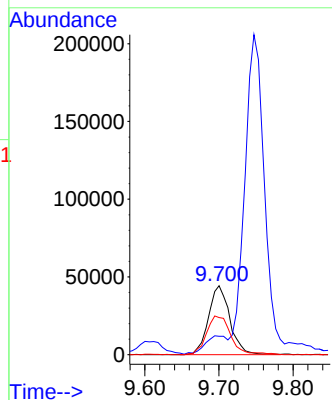
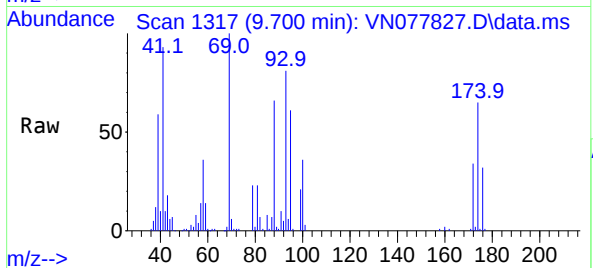
Tgt Ion: 88 Resp: 88994

Ion Ratio Lower Upper

88 100

43 27.3 17.0 25.6#

58 63.9 47.0 70.4



#50

Toluene-d8

Concen: 47.887 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077827.D

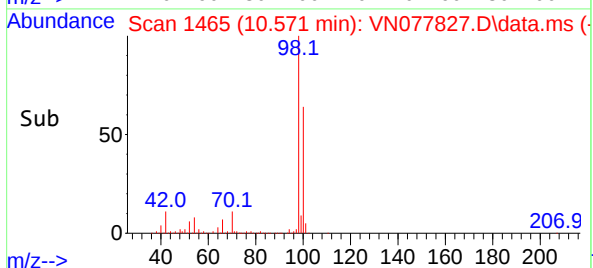
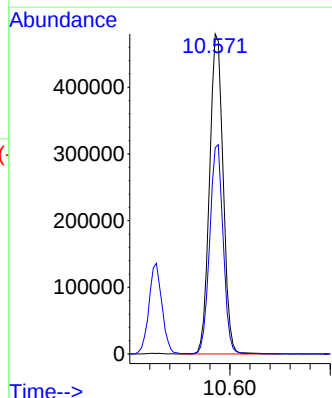
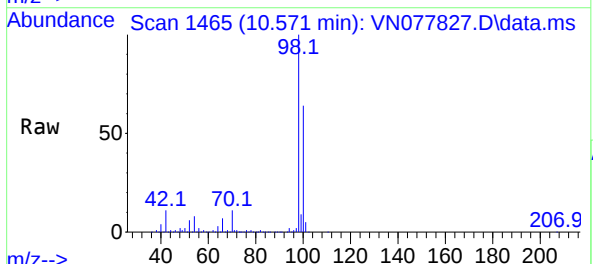
Acq: 23 May 2023 21:24

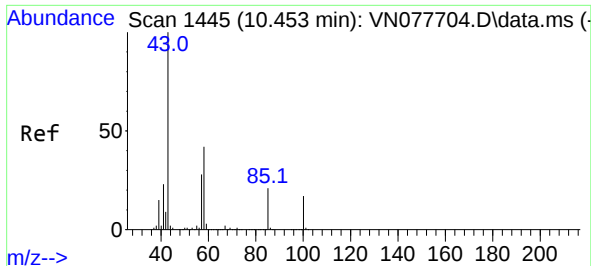
Tgt Ion: 98 Resp: 903145

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

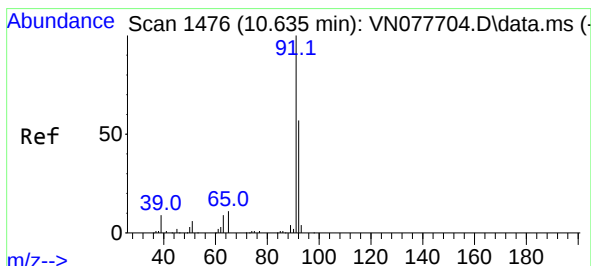
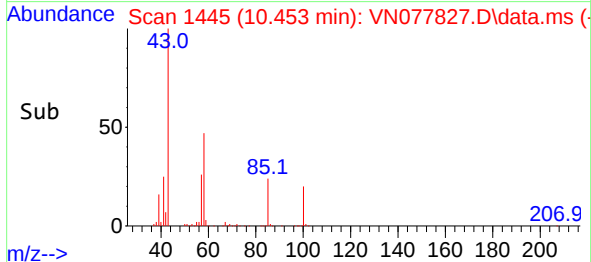
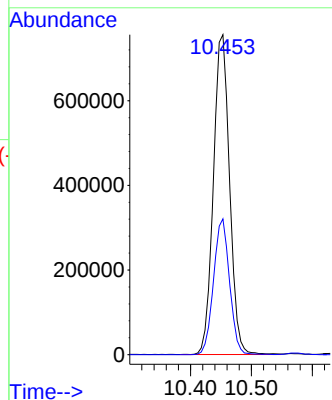
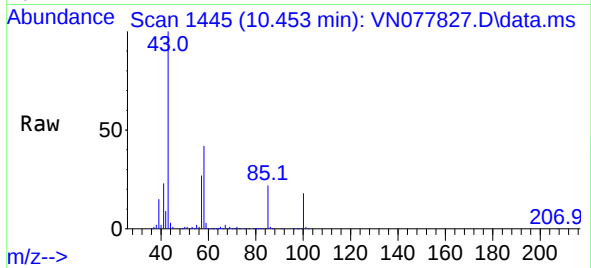




#51
4-Methyl-2-Pentanone
Concen: 225.588 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

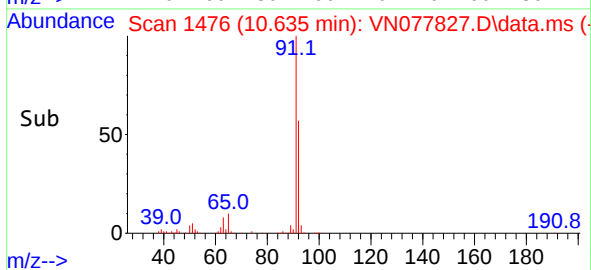
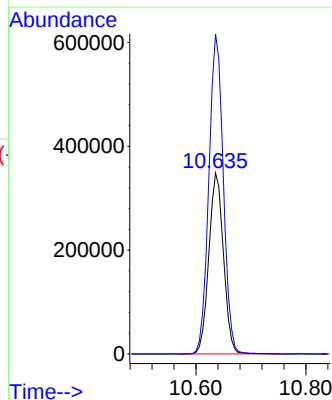
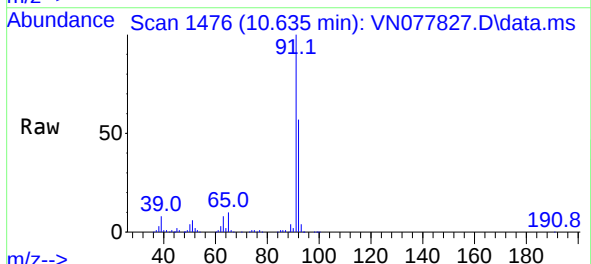
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

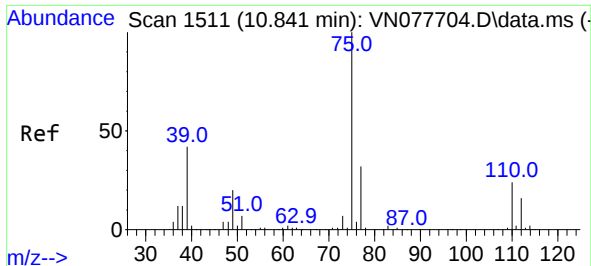
Tgt Ion: 43 Resp: 1399092
Ion Ratio Lower Upper
43 100
58 41.9 36.6 54.8



#52
Toluene
Concen: 48.832 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 92 Resp: 642928
Ion Ratio Lower Upper
92 100
91 174.9 137.4 206.0

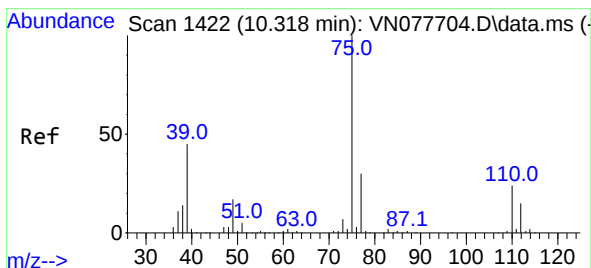
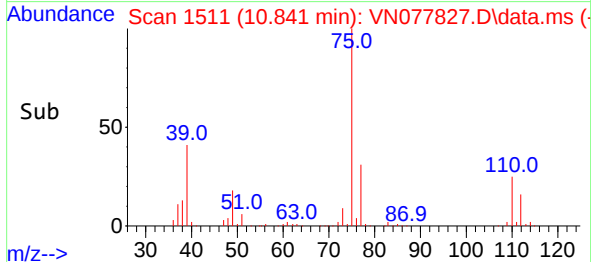
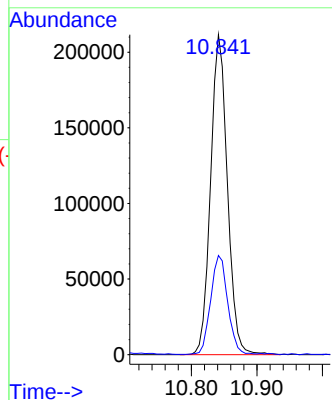
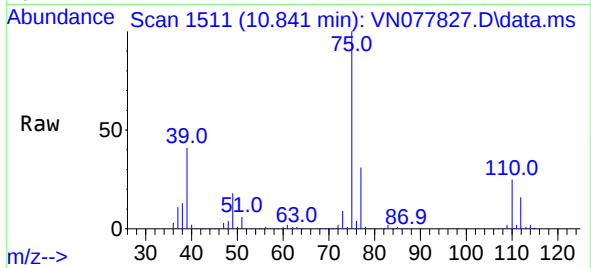




#53
t-1,3-Dichloropropene
Concen: 48.048 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

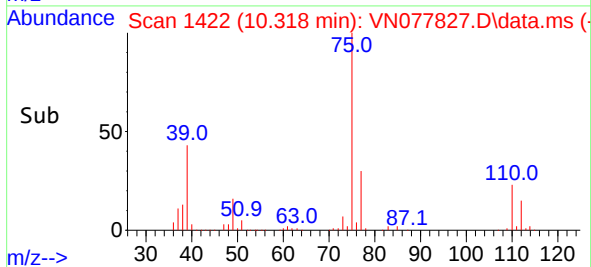
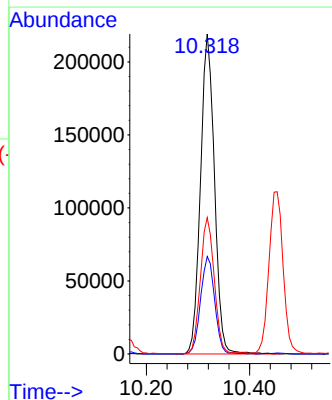
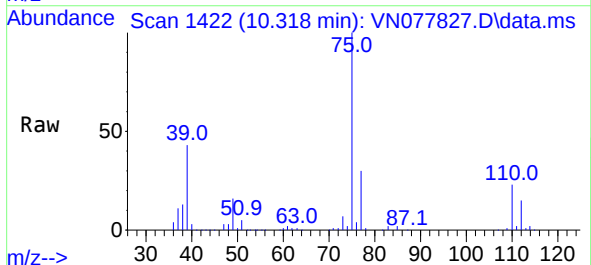
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

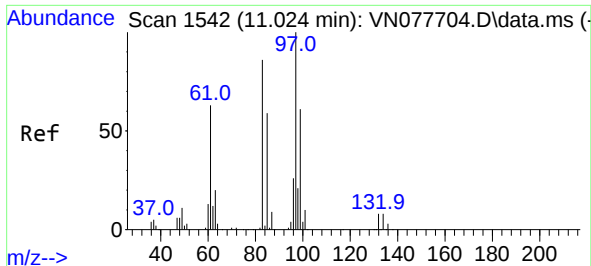
Tgt Ion: 75 Resp: 376025
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 47.648 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 75 Resp: 410928
Ion Ratio Lower Upper
75 100
77 30.5 26.1 39.1
39 42.5 31.6 47.4



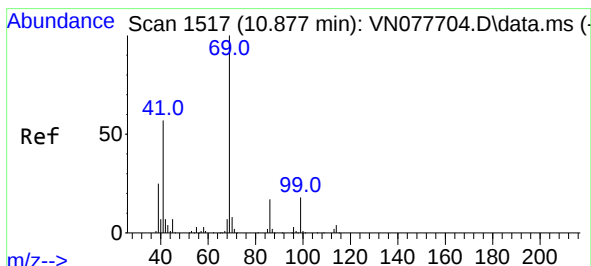
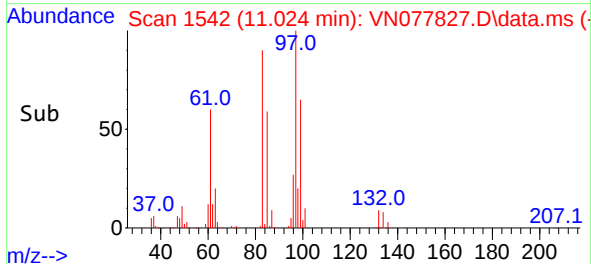
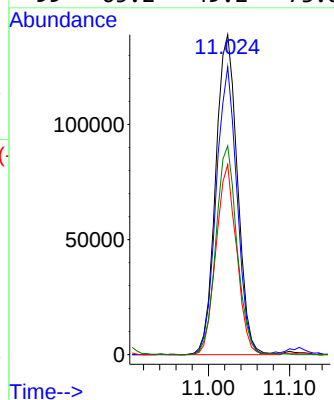
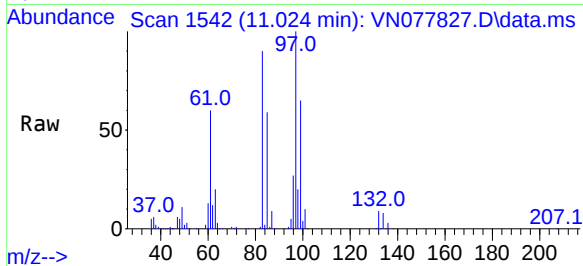


#55
1,1,2-Trichloroethane
Concen: 49.468 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

Tgt Ion: 97 Resp: 258608

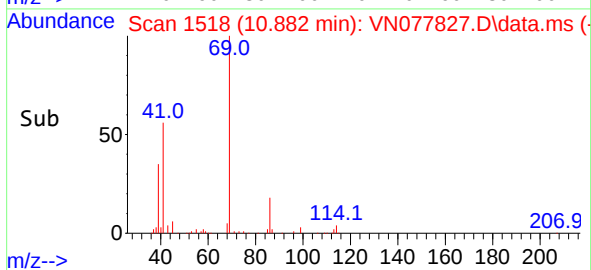
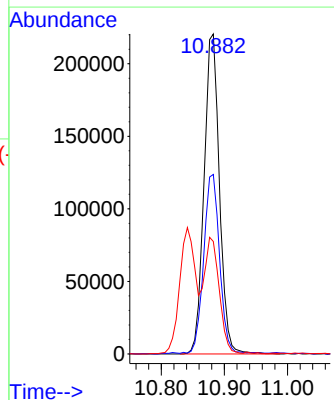
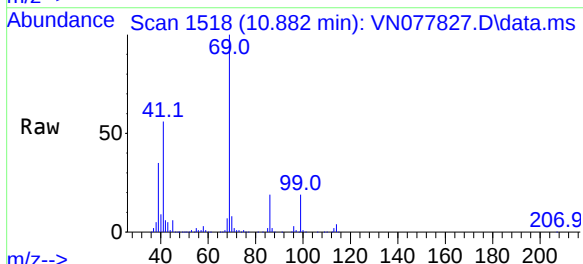
Ion	Ratio	Lower	Upper
97	100		
83	90.0	65.1	97.7
85	59.4	43.4	65.2
99	65.2	49.2	73.8

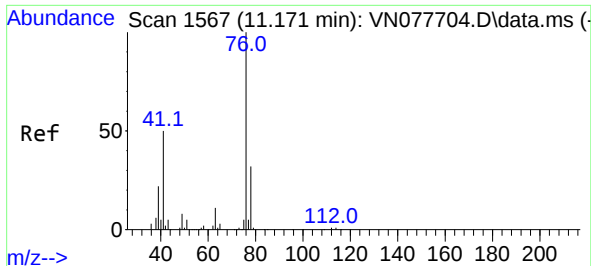


#56
Ethyl methacrylate
Concen: 47.275 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 69 Resp: 373684

Ion	Ratio	Lower	Upper
69	100		
41	57.4	39.6	59.4
39	36.1	28.6	43.0





#57

1,3-Dichloropropane

Concen: 48.663 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077827.D

Acq: 23 May 2023 21:24

Instrument :

MSVOA_N

ClientSampleId :

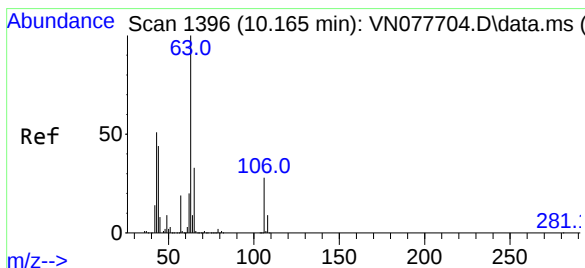
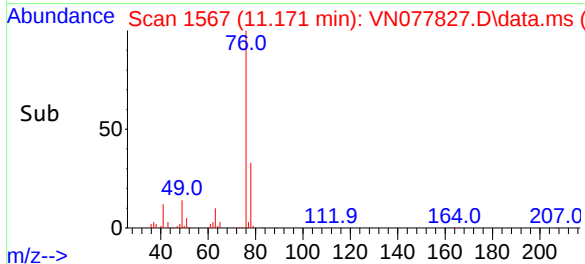
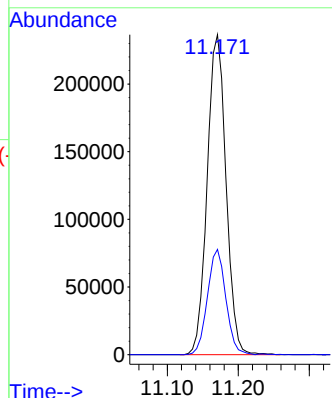
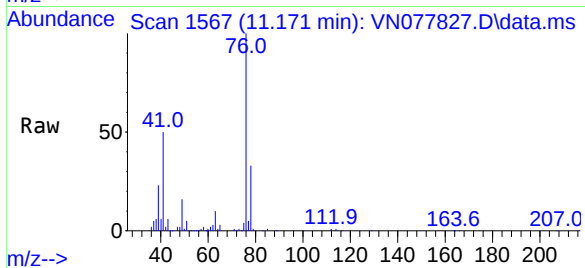
PB152982ZHE#09

Tgt Ion: 76 Resp: 436125

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 214.845 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077827.D

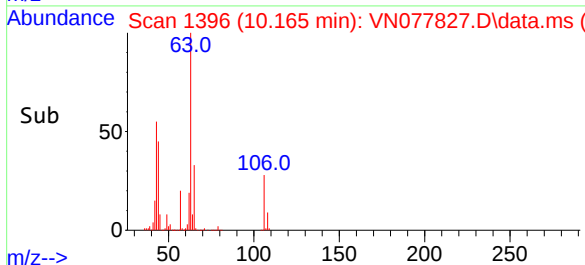
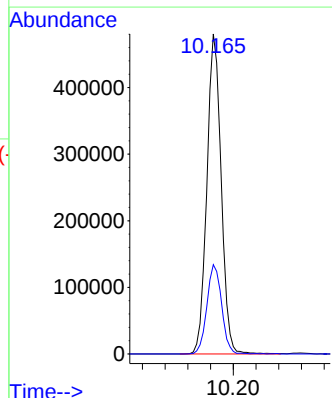
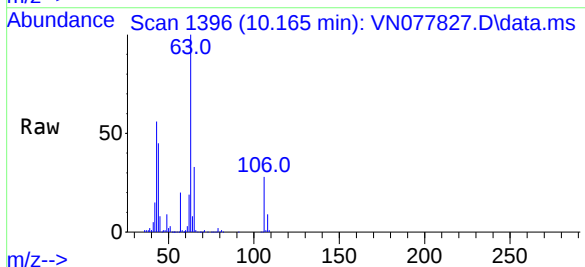
Acq: 23 May 2023 21:24

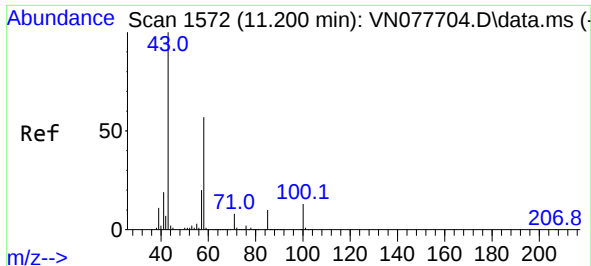
Tgt Ion: 63 Resp: 835457

Ion Ratio Lower Upper

63 100

106 28.7 26.2 39.4

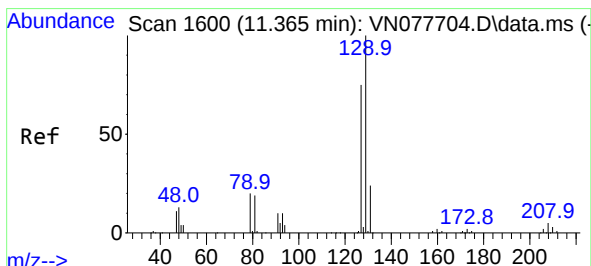
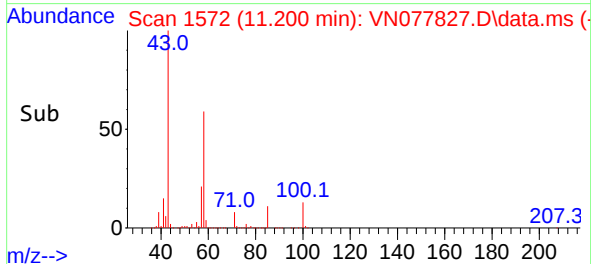
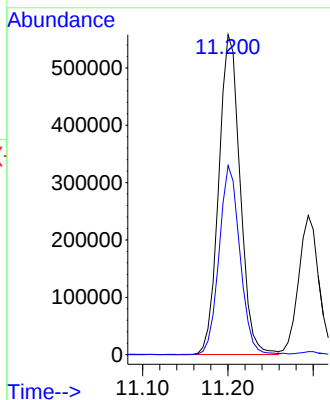
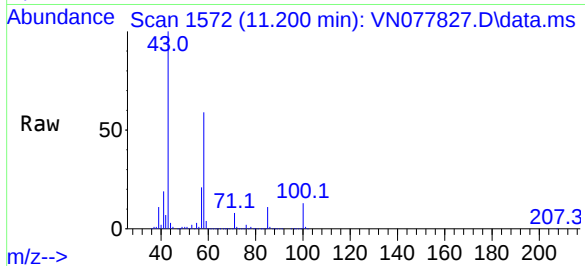




#59
2-Hexanone
Concen: 211.448 ug/l
RT: 11.200 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

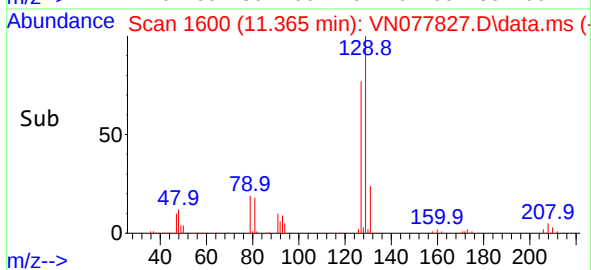
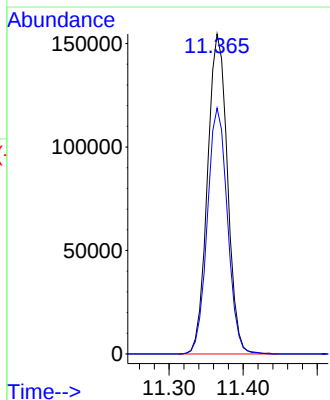
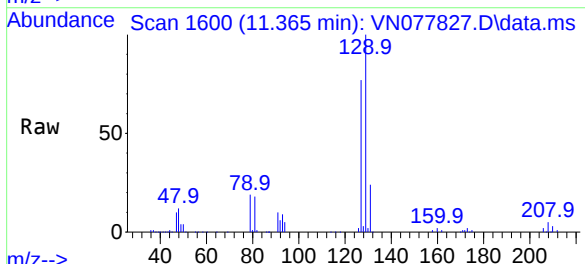
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

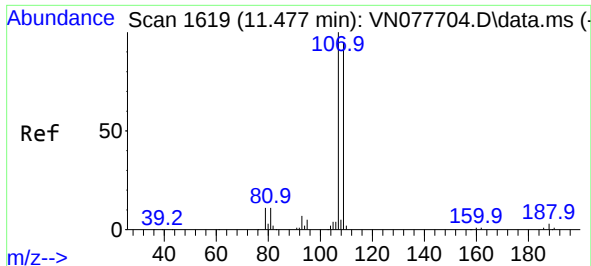
Tgt Ion: 43 Resp: 969988
Ion Ratio Lower Upper
43 100
58 57.8 31.7 95.1



#60
Dibromochloromethane
Concen: 53.585 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion:129 Resp: 289194
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0

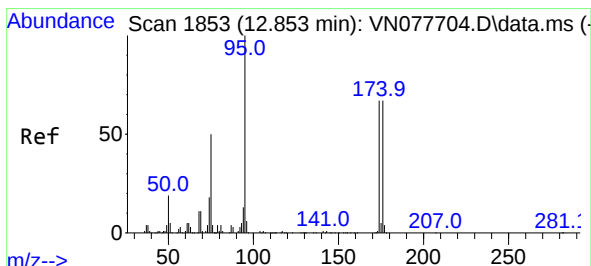
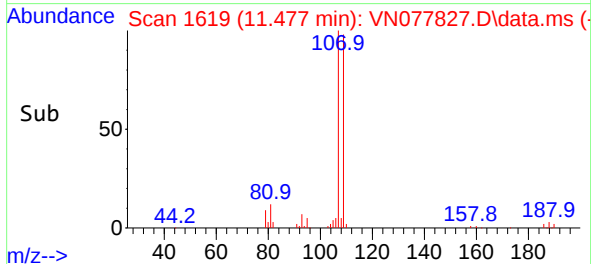
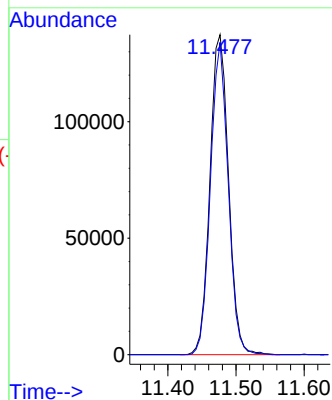
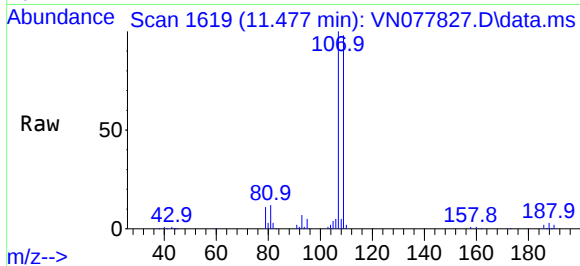




#61
1,2-Dibromoethane
Concen: 50.047 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

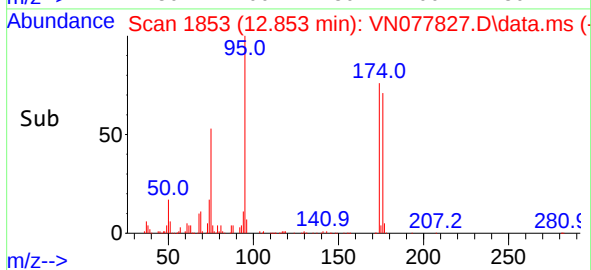
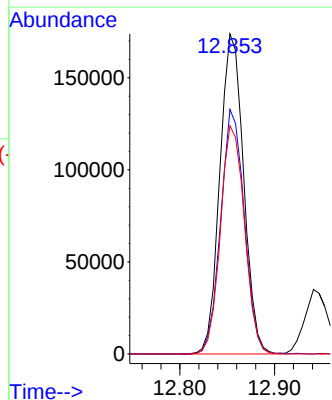
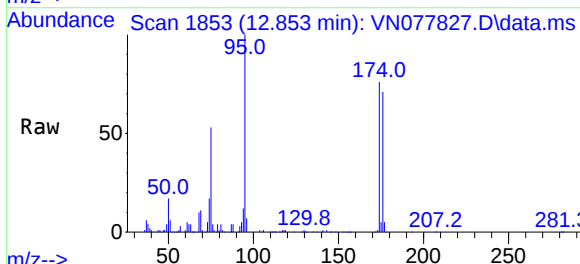
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

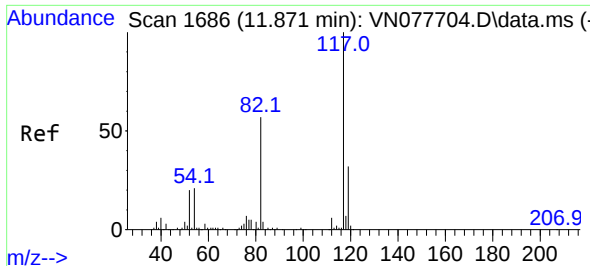
Tgt Ion:107 Resp: 261011
Ion Ratio Lower Upper
107 100
109 92.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 45.505 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

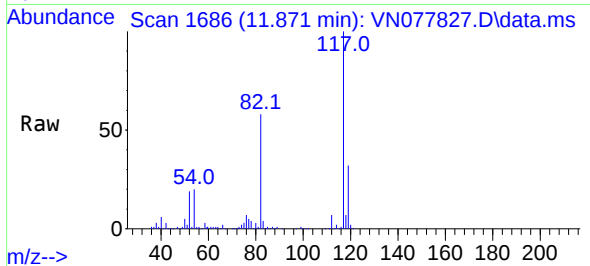
Tgt Ion: 95 Resp: 303107
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 72.0 0.0 135.8



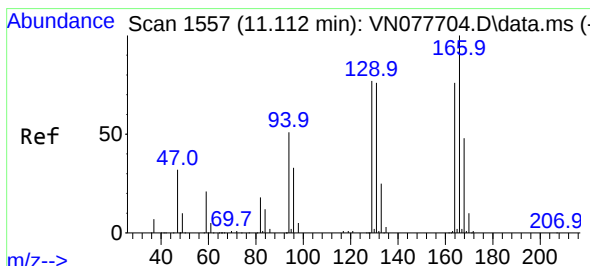
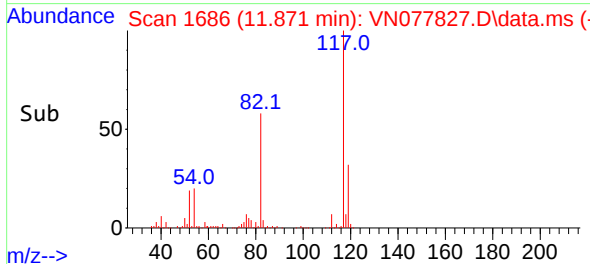
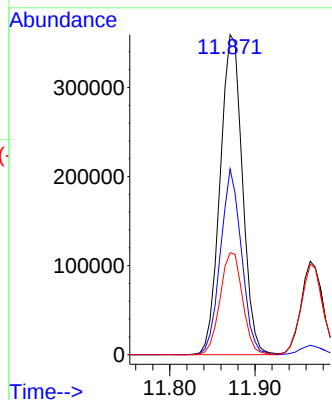


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

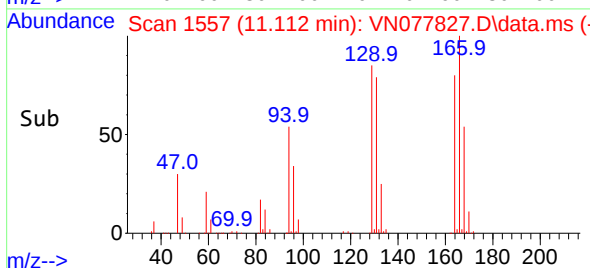
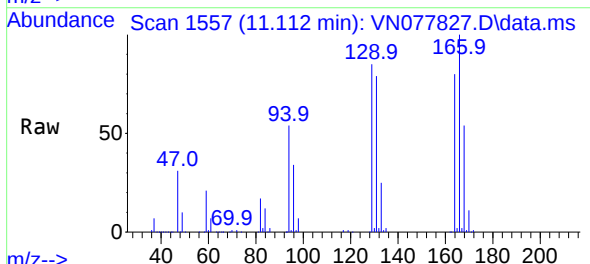
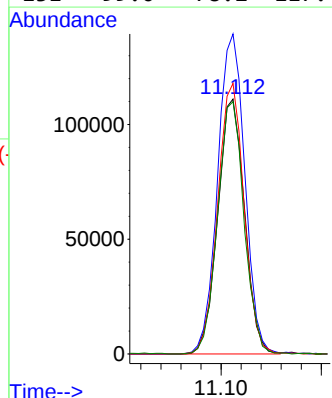


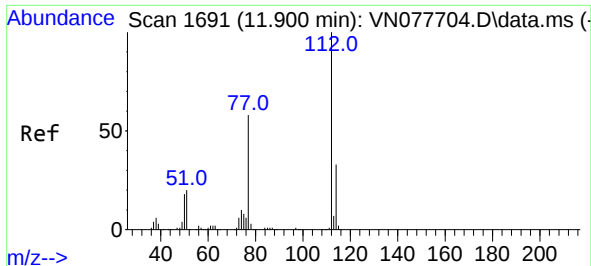
Tgt Ion:117 Resp: 653682
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 44.988 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion:164 Resp: 205658
Ion Ratio Lower Upper
164 100
166 125.6 101.4 152.0
129 106.1 82.4 123.6
131 99.0 78.2 117.4

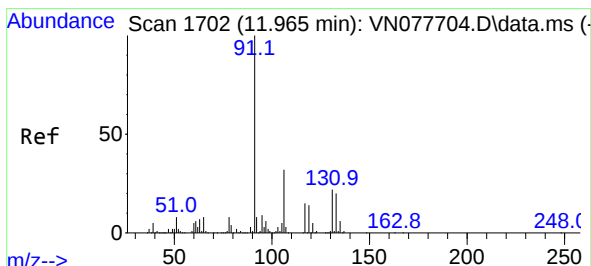
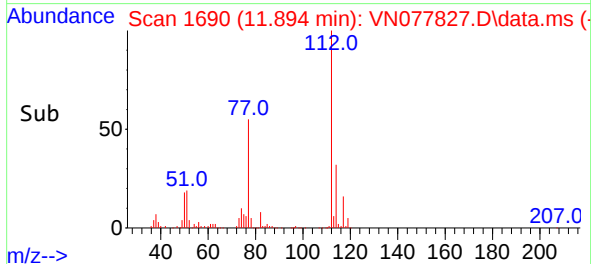
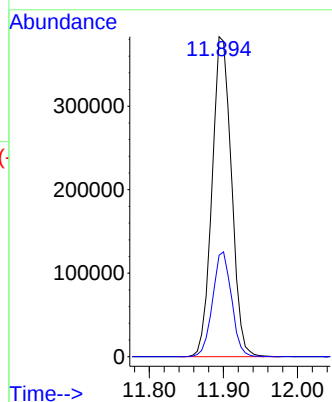
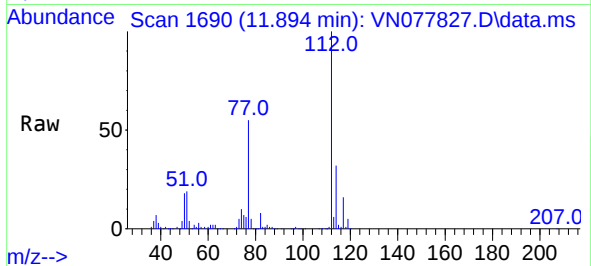




#65
Chlorobenzene
Concen: 49.101 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

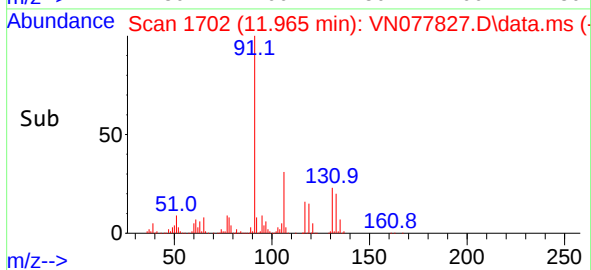
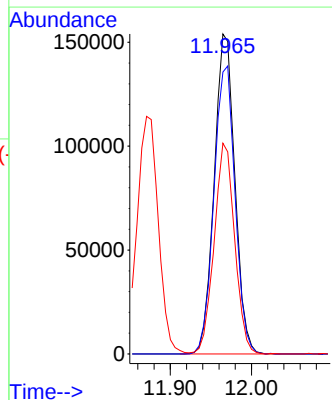
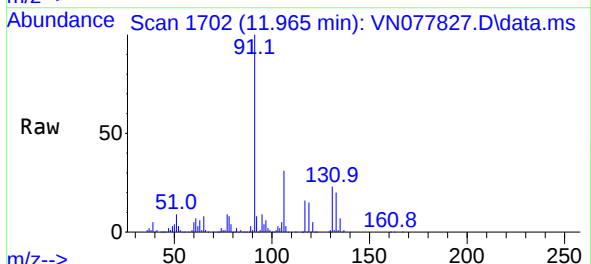
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

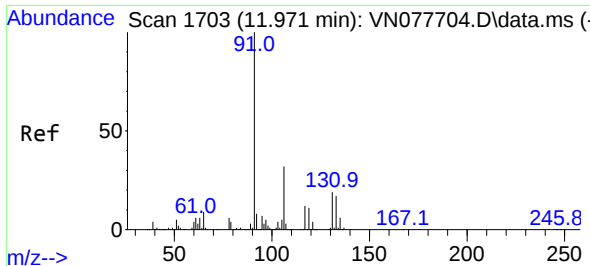
Tgt Ion:112 Resp: 695817
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.548 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion:131 Resp: 272374
Ion Ratio Lower Upper
131 100
133 92.3 46.4 139.1
119 65.4 34.1 102.2

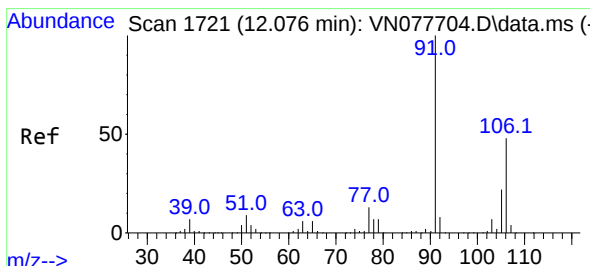
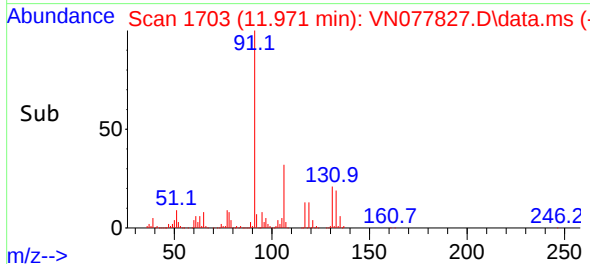
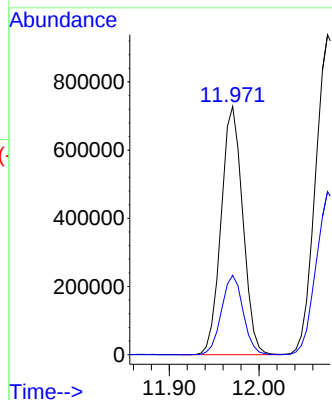
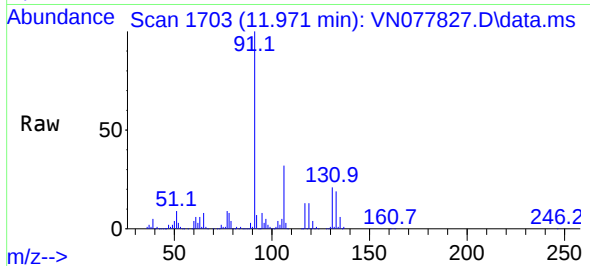




#67
Ethyl Benzene
Concen: 48.122 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

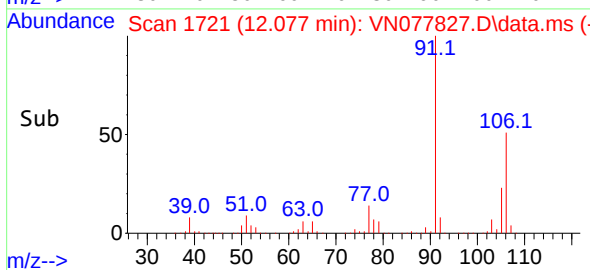
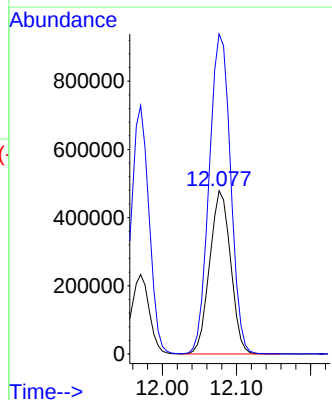
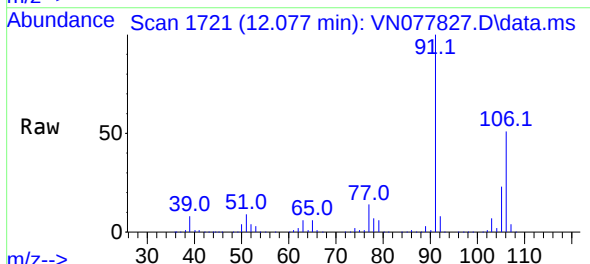
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

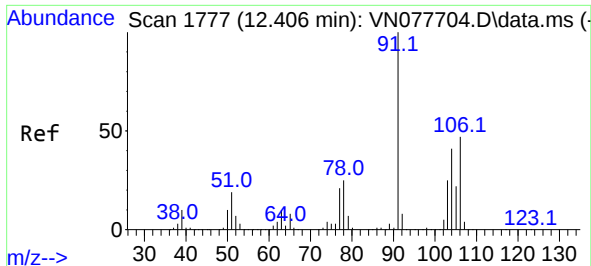
Tgt Ion: 91 Resp: 1222080
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4



#68
m/p-Xylenes
Concen: 97.767 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion:106 Resp: 940757
Ion Ratio Lower Upper
106 100
91 200.6 159.6 239.4

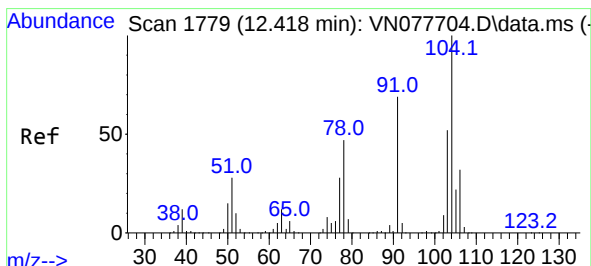
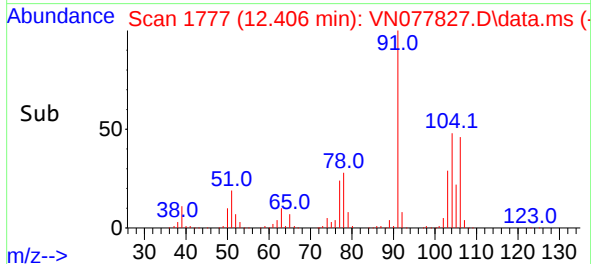
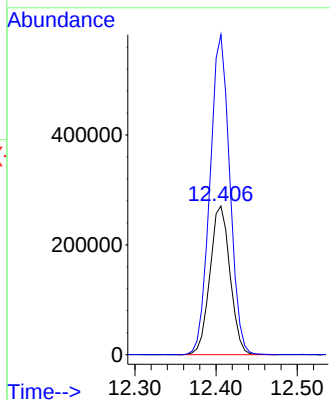
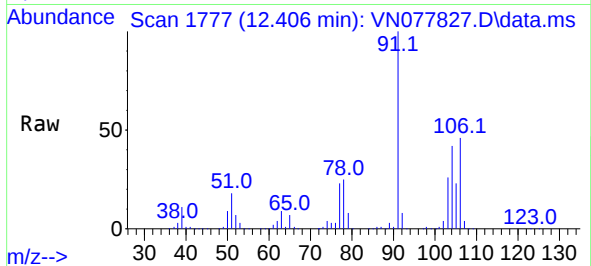




#69
o-Xylene
Concen: 49.137 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

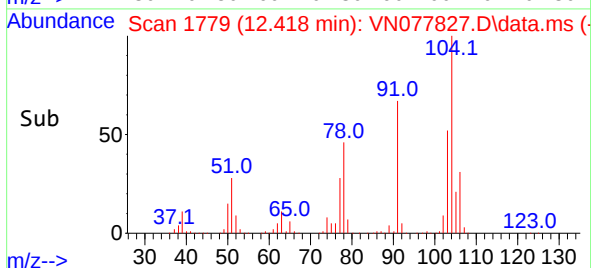
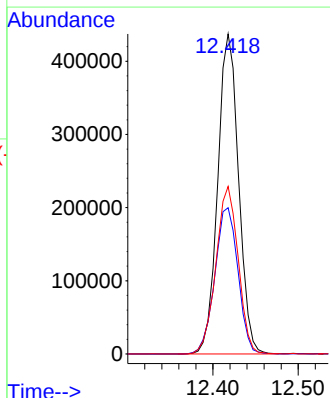
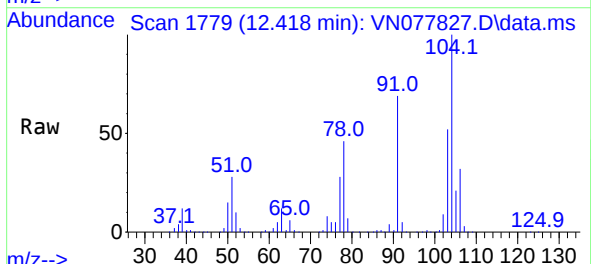
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

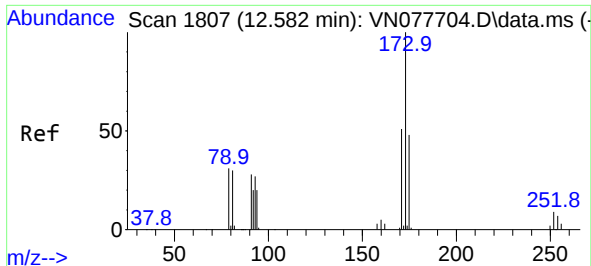
Tgt Ion:106 Resp: 464992
Ion Ratio Lower Upper
106 100
91 212.7 105.2 315.5



#70
Styrene
Concen: 49.541 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion:104 Resp: 744753
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 55.7 43.2 64.8

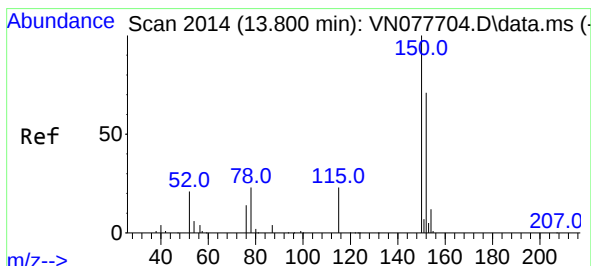
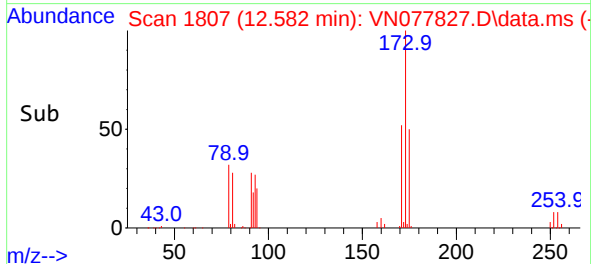
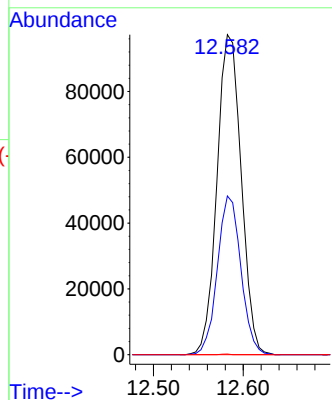
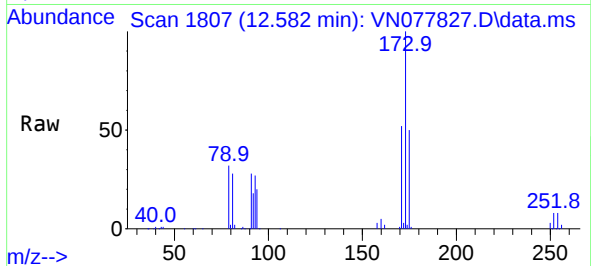




#71
Bromoform
Concen: 55.955 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

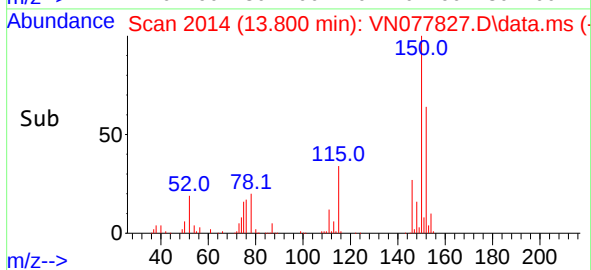
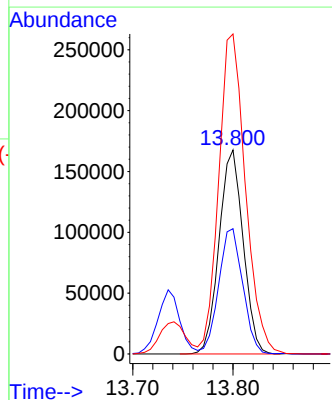
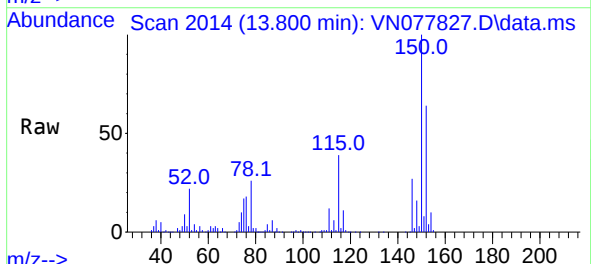
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

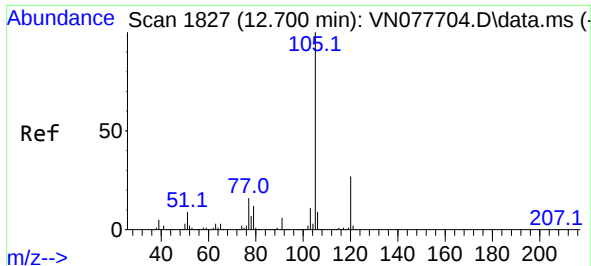
Tgt Ion:173 Resp: 182519
Ion Ratio Lower Upper
173 100
175 48.0 24.3 73.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion:152 Resp: 279073
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 174.0 0.0 355.8

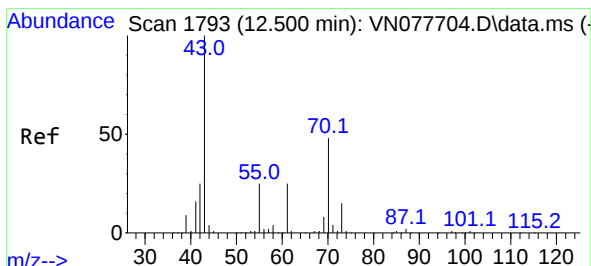
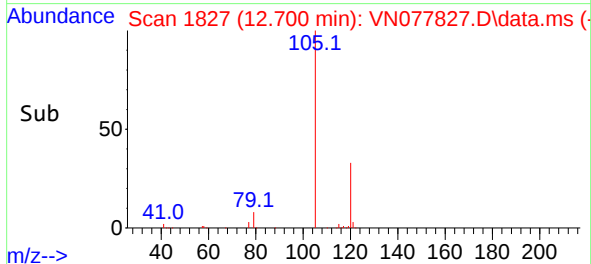
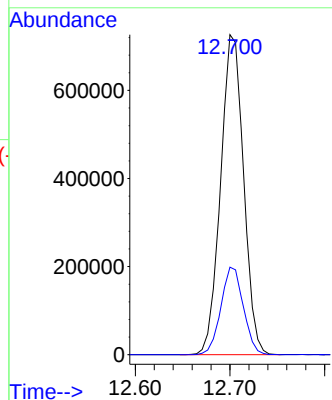
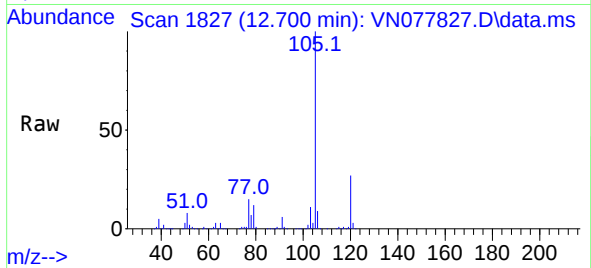




#73
Isopropylbenzene
Concen: 50.927 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

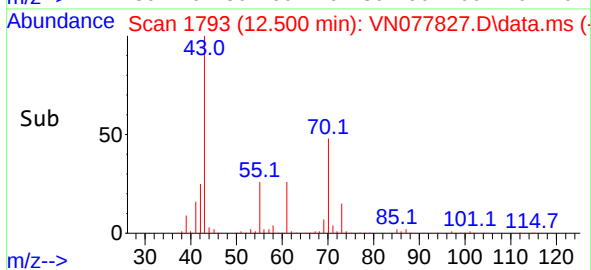
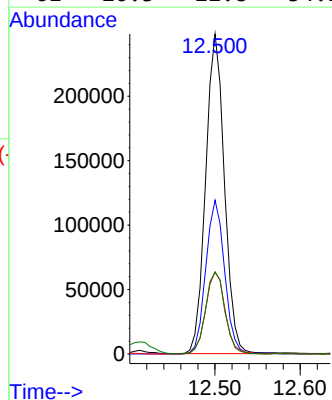
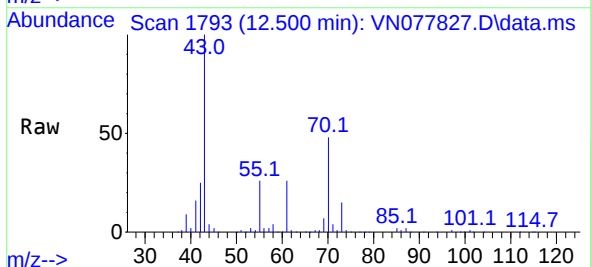
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

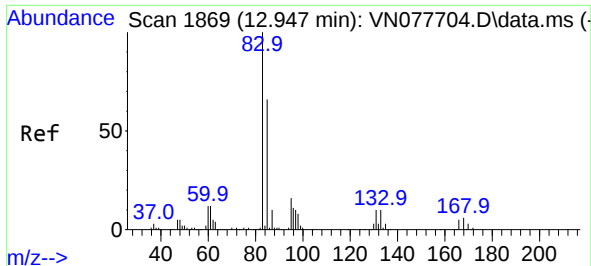
Tgt Ion:105 Resp: 1225096
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1



#74
N-ethyl acetate
Concen: 42.737 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 43 Resp: 380012
Ion Ratio Lower Upper
43 100
70 48.3 43.4 65.2
55 26.5 21.4 32.0
61 26.3 22.8 34.2

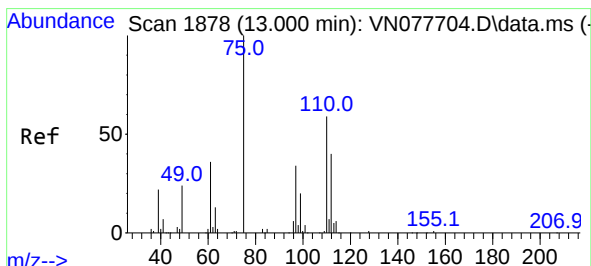
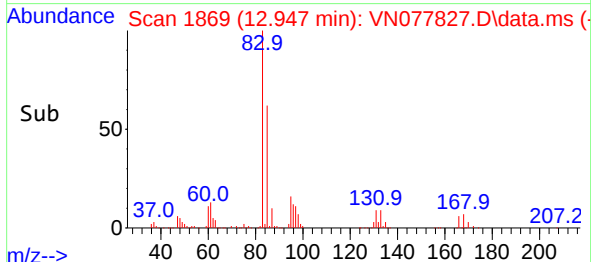
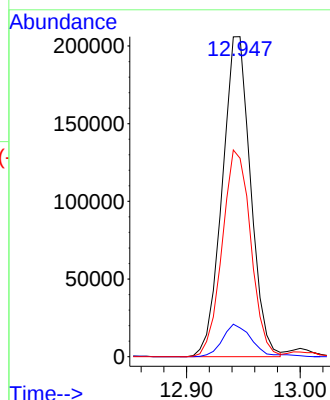
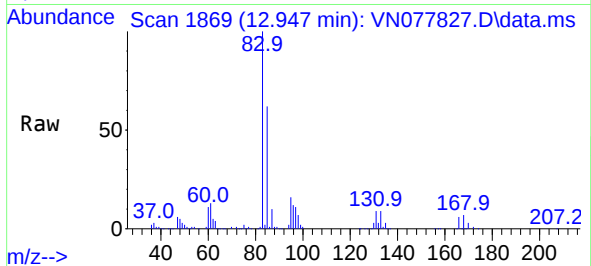




#75
1,1,2,2-Tetrachloroethane
Concen: 48.111 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

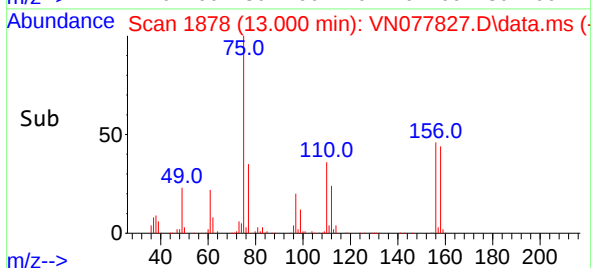
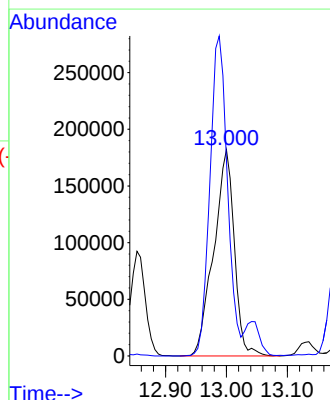
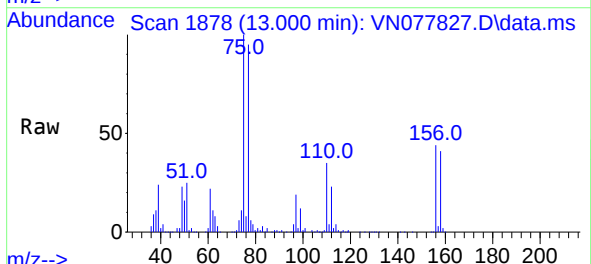
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

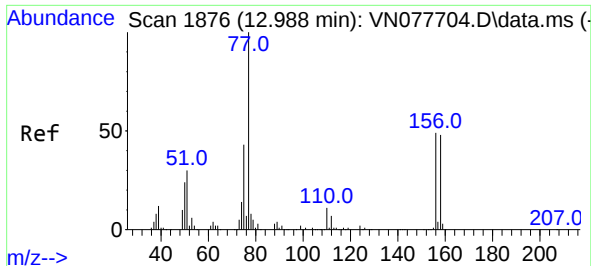
Tgt Ion: 83 Resp: 356053
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 65.3 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 61.124 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 75 Resp: 427195
Ion Ratio Lower Upper
75 100
77 132.5 84.5 253.5

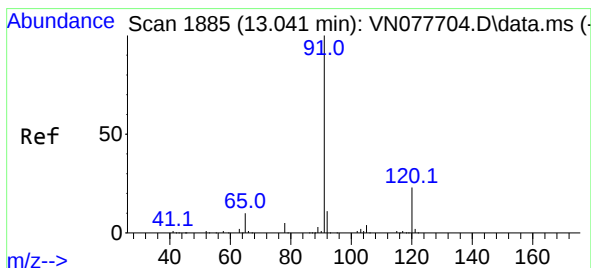
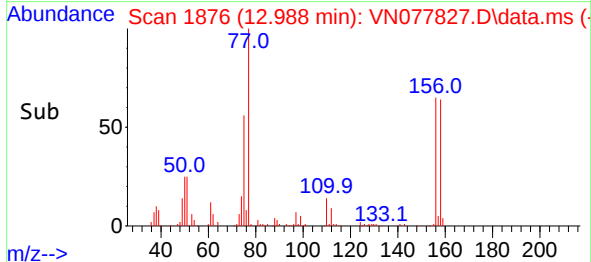
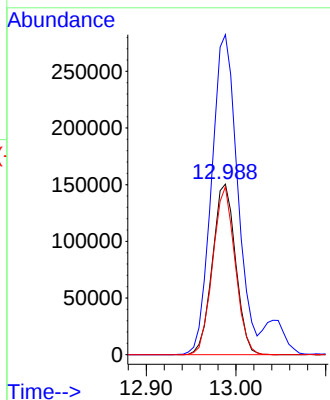
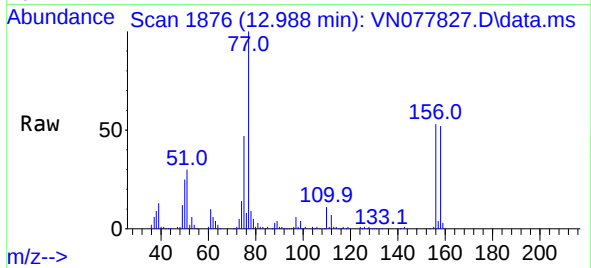




#77
Bromobenzene
Concen: 49.083 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

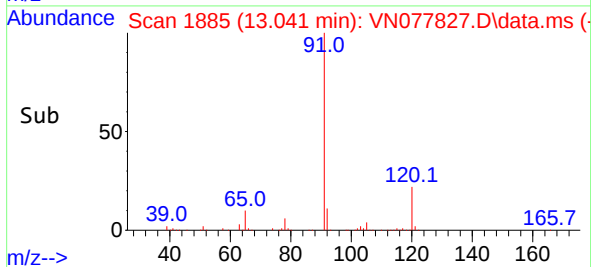
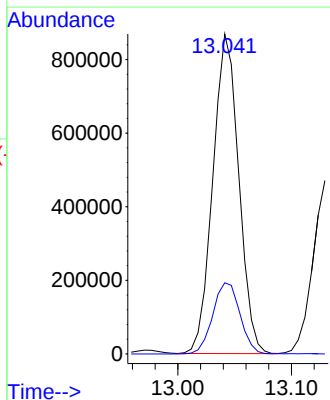
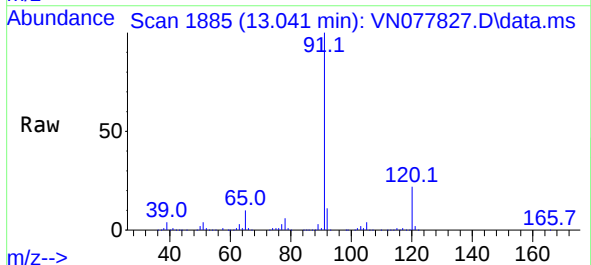
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

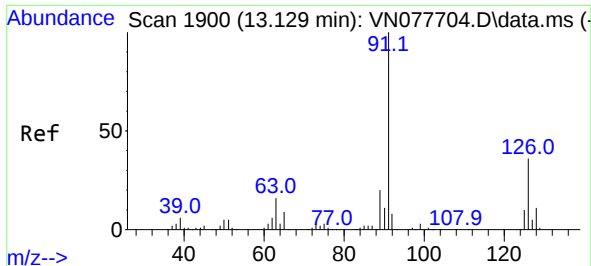
Tgt Ion:156 Resp: 269455
Ion Ratio Lower Upper
156 100
77 210.0 107.7 323.3
158 95.1 48.4 145.3



#78
n-propylbenzene
Concen: 48.525 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 91 Resp: 1376203
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4

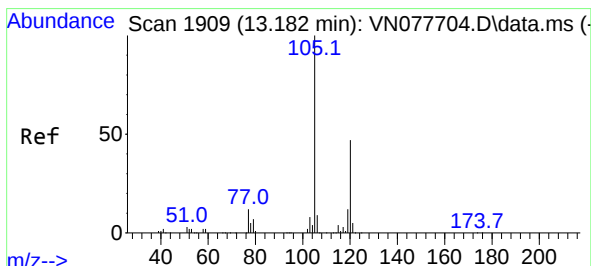
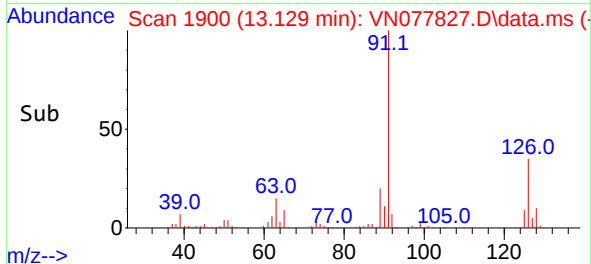
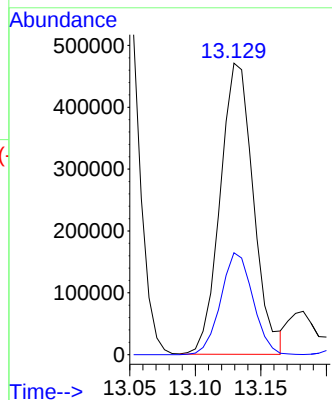
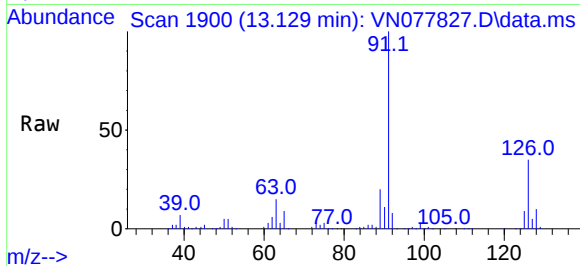




#79
2-Chlorotoluene
Concen: 49.050 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

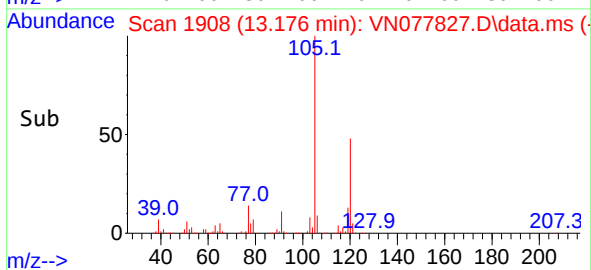
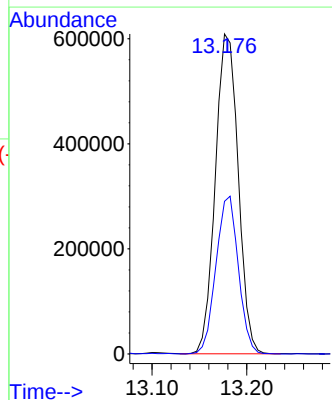
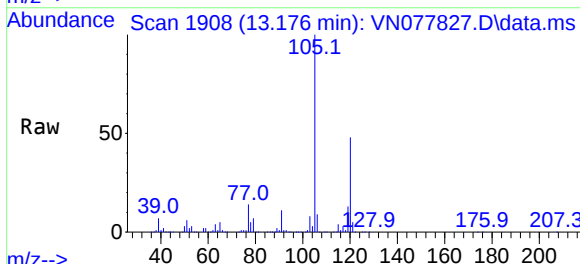
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

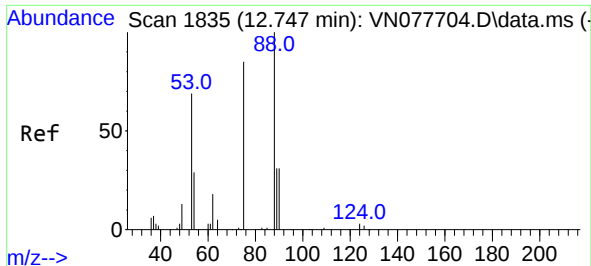
Tgt Ion: 91 Resp: 830088
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 50.513 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion:105 Resp: 1021297
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3

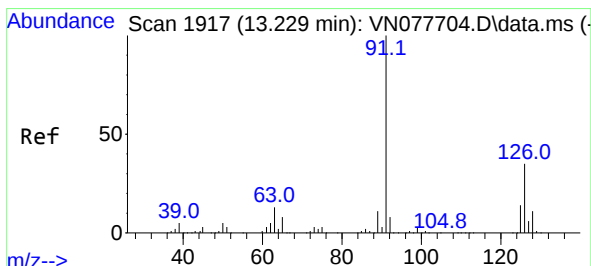
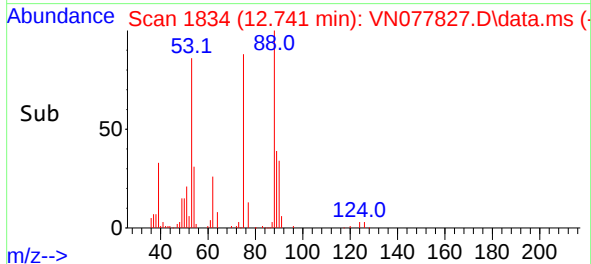
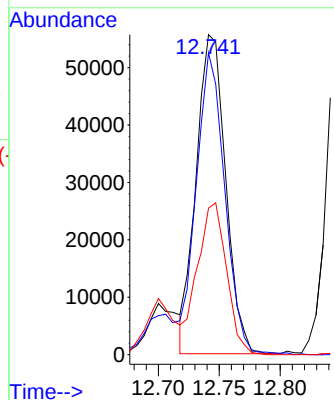
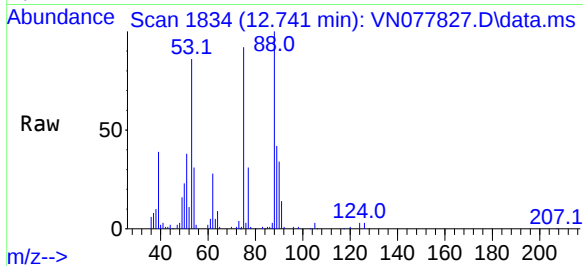




#81
trans-1,4-Dichloro-2-butene
Concen: 42.793 ug/l
RT: 12.741 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

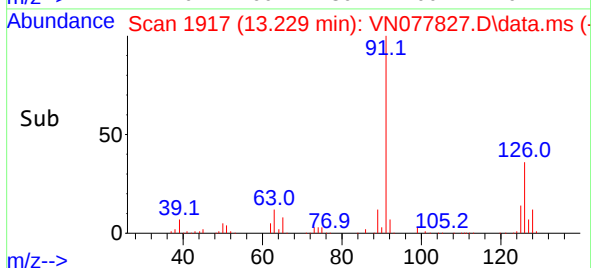
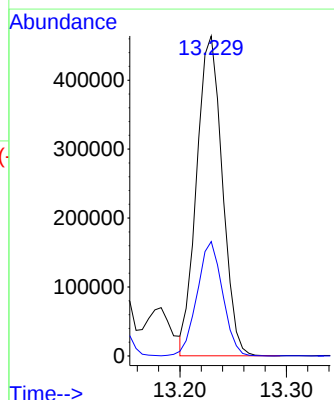
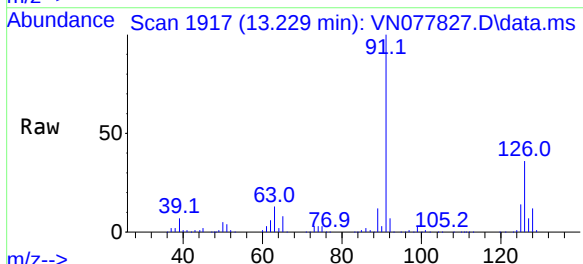
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

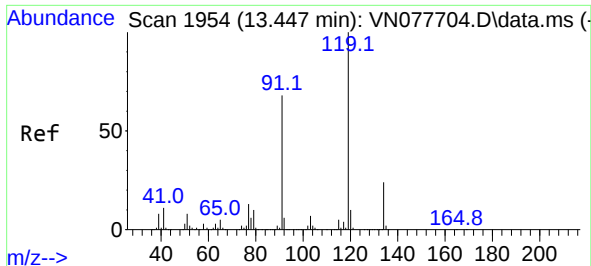
Tgt Ion: 75 Resp: 93565
Ion Ratio Lower Upper
75 100
53 93.6 67.4 101.2
89 47.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 46.137 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 91 Resp: 776860
Ion Ratio Lower Upper
91 100
126 35.5 16.7 50.0

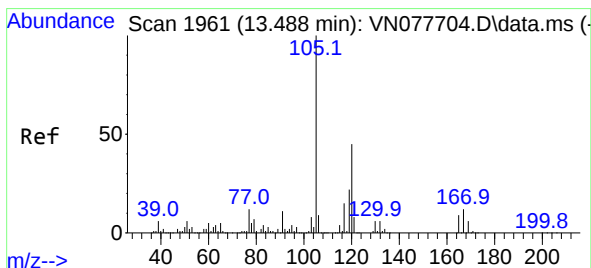
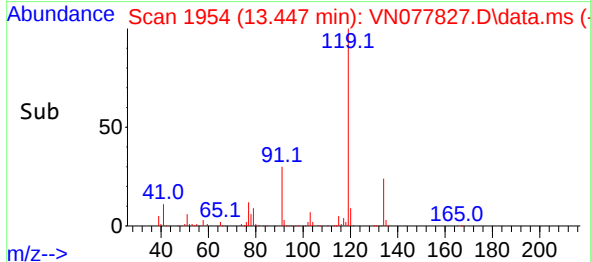
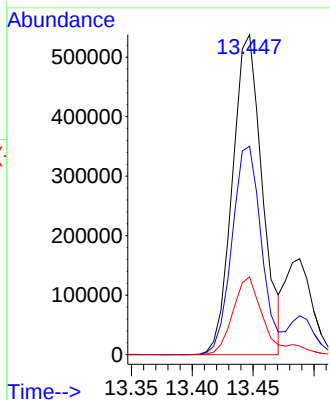
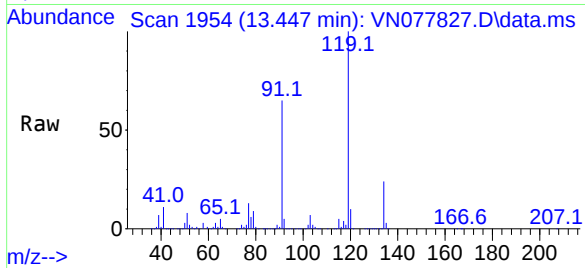




#83
tert-Butylbenzene
Concen: 51.938 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

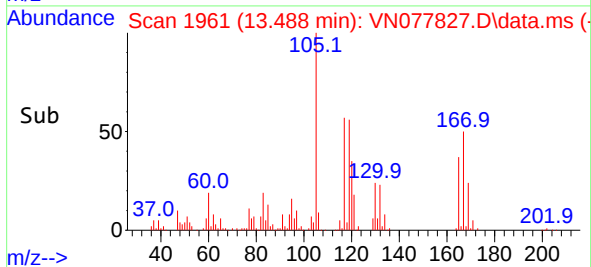
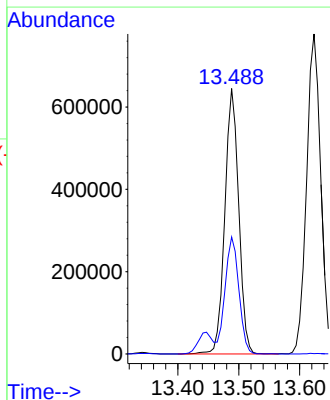
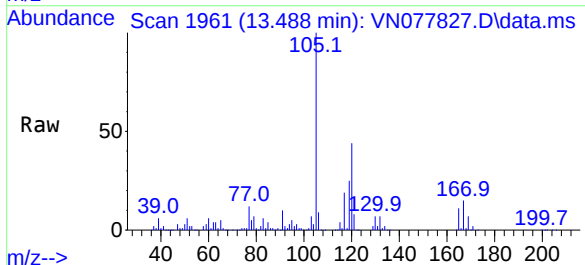
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

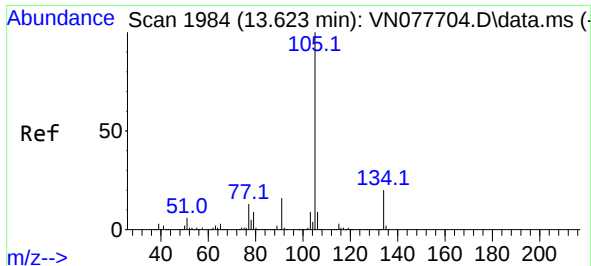
Tgt Ion:119 Resp: 916729
Ion Ratio Lower Upper
119 100
91 64.1 33.9 101.7
134 25.6 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 51.281 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion:105 Resp: 1019695
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0

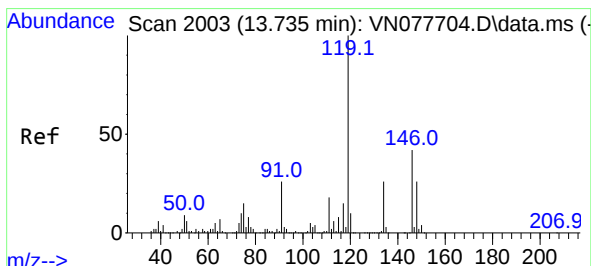
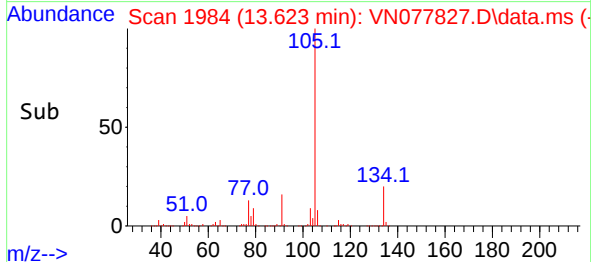
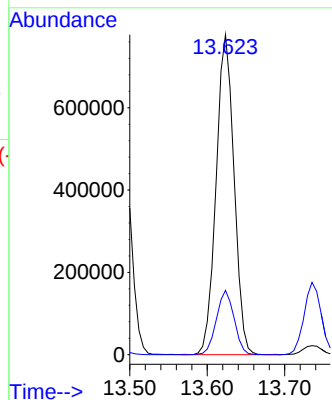
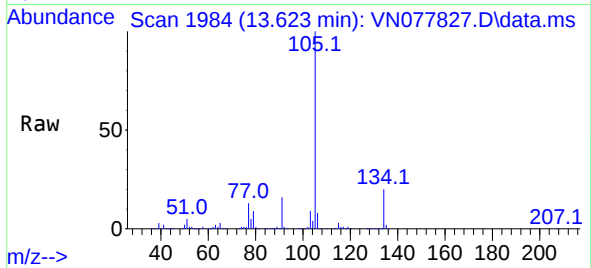




#85
 sec-Butylbenzene
 Concen: 49.997 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077827.D
 Acq: 23 May 2023 21:24

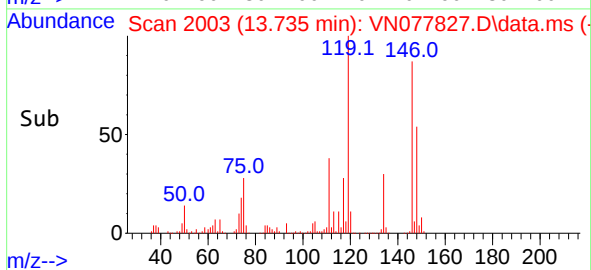
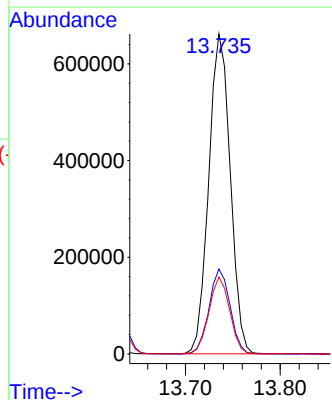
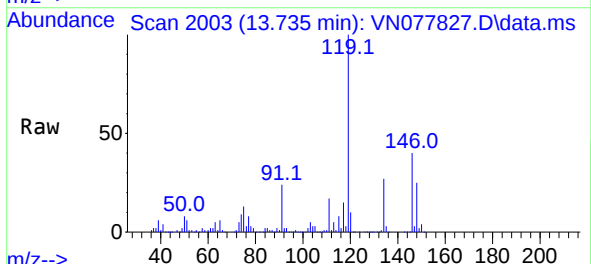
Instrument :
 MSVOA_N
 ClientSampleId :
 PB152982ZHE#09

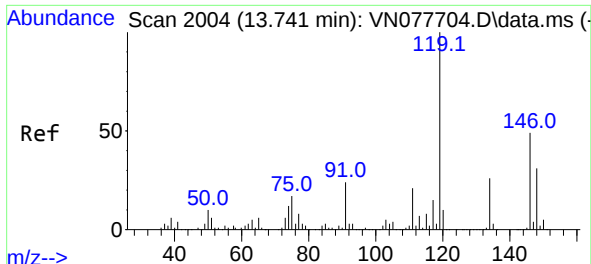
Tgt Ion:105 Resp: 1254135
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 52.162 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077827.D
 Acq: 23 May 2023 21:24

Tgt Ion:119 Resp: 1043137
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 23.2 12.4 37.2

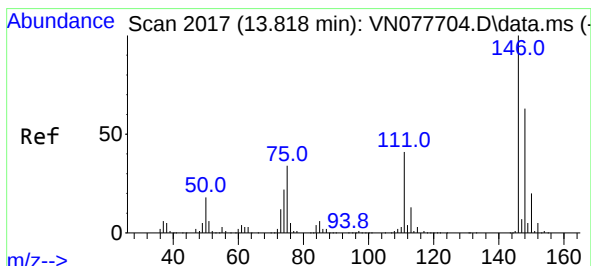
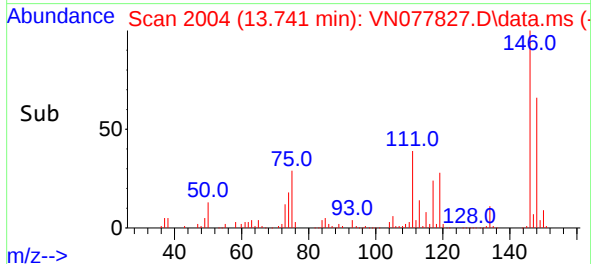
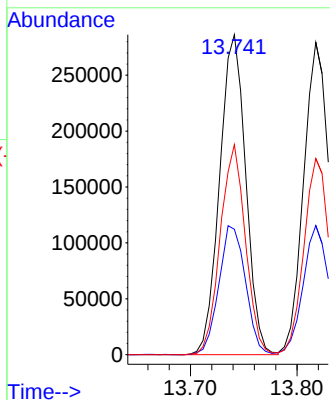
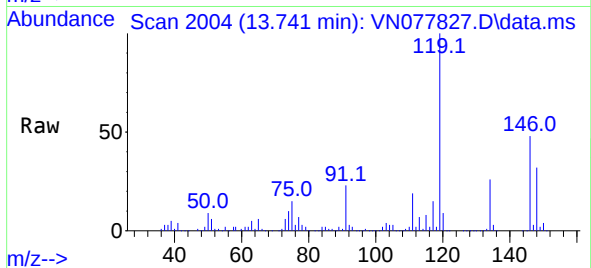




#87
1,3-Dichlorobenzene
Concen: 48.038 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

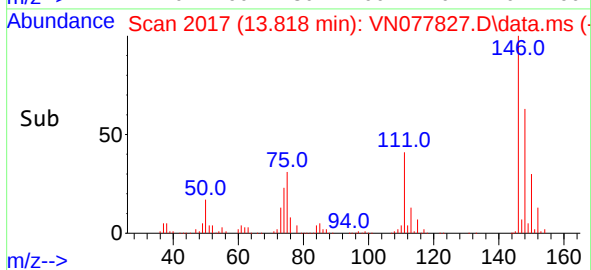
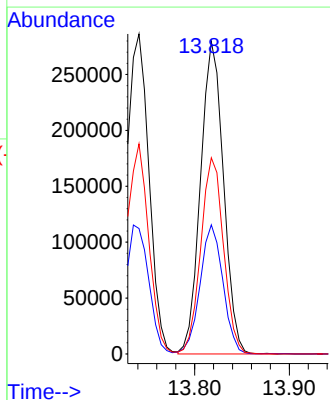
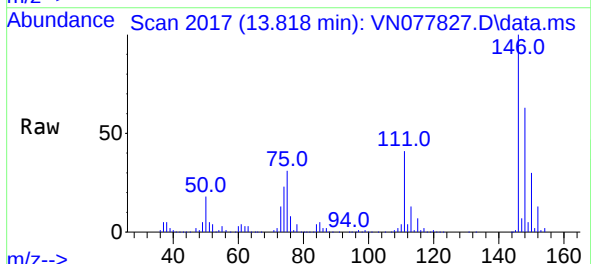
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

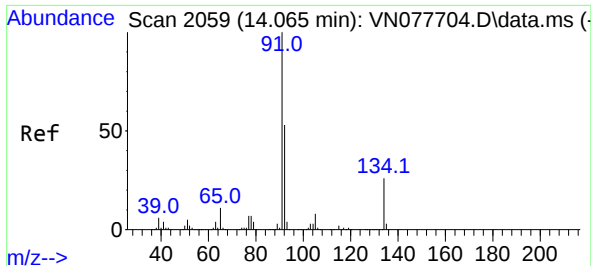
Tgt Ion:146 Resp: 487707
Ion Ratio Lower Upper
146 100
111 41.0 22.1 66.3
148 63.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 46.754 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.001 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion:146 Resp: 471025
Ion Ratio Lower Upper
146 100
111 40.9 20.6 61.8
148 62.3 31.6 94.8

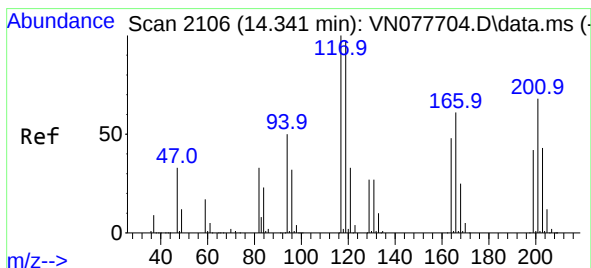
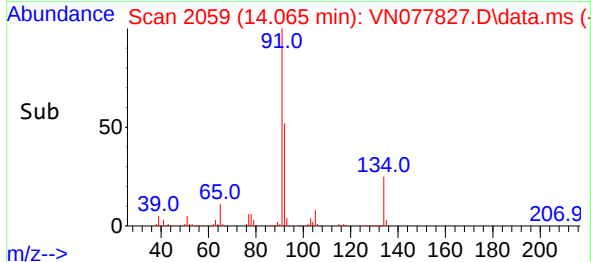
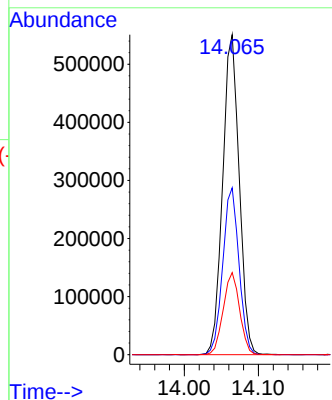
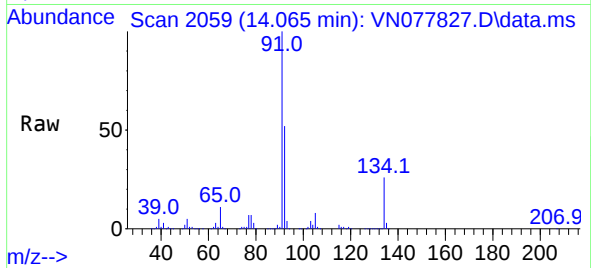




#89
n-Butylbenzene
Concen: 46.418 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.001 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

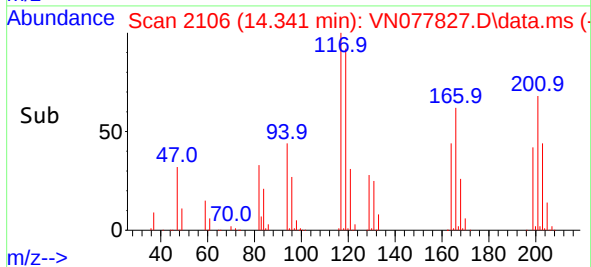
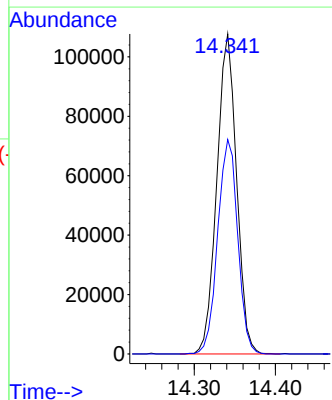
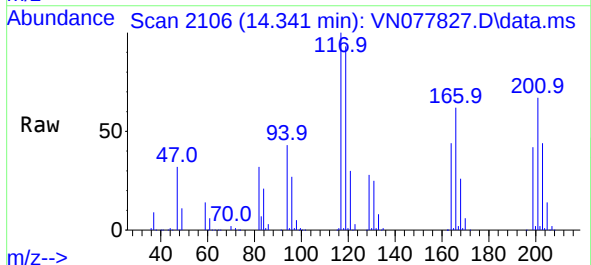
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

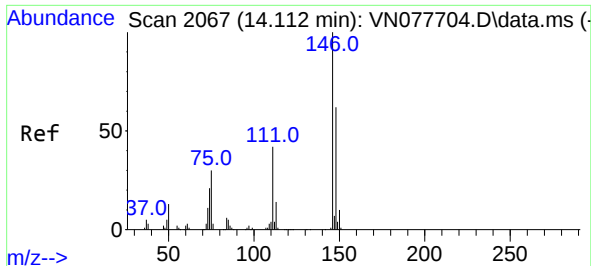
Tgt Ion: 91 Resp: 853807
Ion Ratio Lower Upper
91 100
92 51.2 26.4 79.0
134 25.5 12.6 37.6



#90
Hexachloroethane
Concen: 55.455 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion: 117 Resp: 182182
Ion Ratio Lower Upper
117 100
201 67.9 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 50.888 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.001 min

Lab File: VN077827.D

Acq: 23 May 2023 21:24

Instrument :

MSVOA_N

ClientSampleId :

PB152982ZHE#09

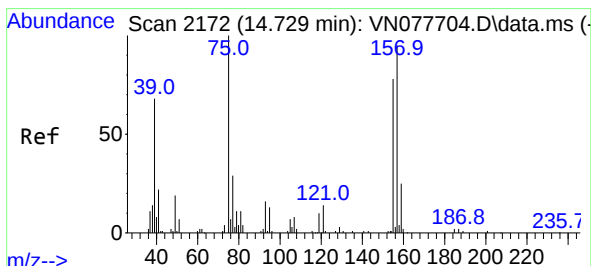
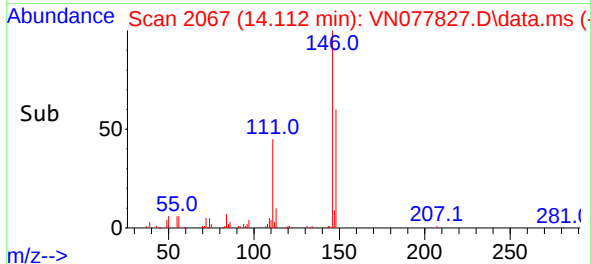
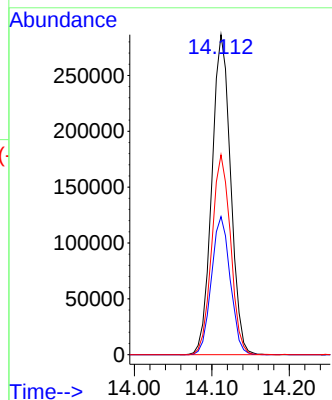
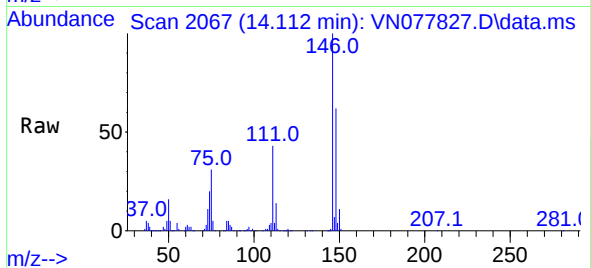
Tgt Ion:146 Resp: 482645

Ion Ratio Lower Upper

146 100

111 43.1 22.0 66.0

148 62.4 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.823 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN077827.D

Acq: 23 May 2023 21:24

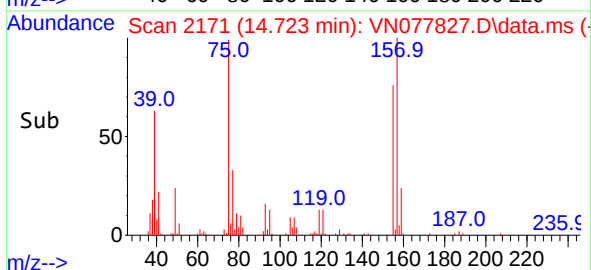
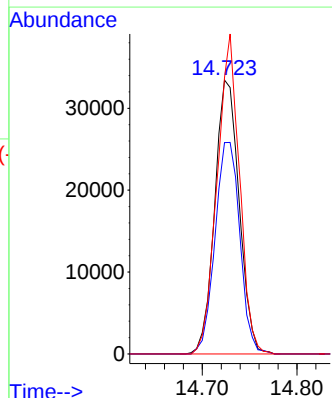
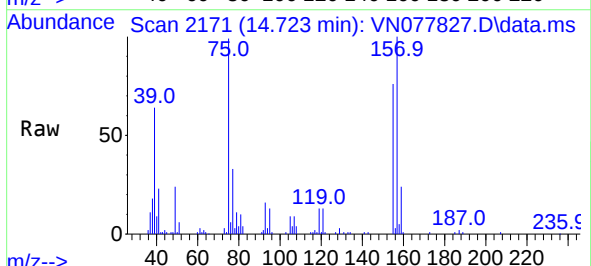
Tgt Ion: 75 Resp: 59923

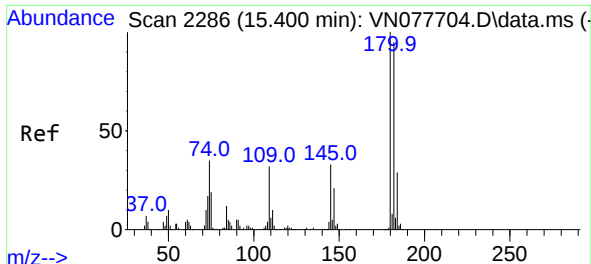
Ion Ratio Lower Upper

75 100

155 78.5 39.1 117.2

157 107.0 50.3 150.9

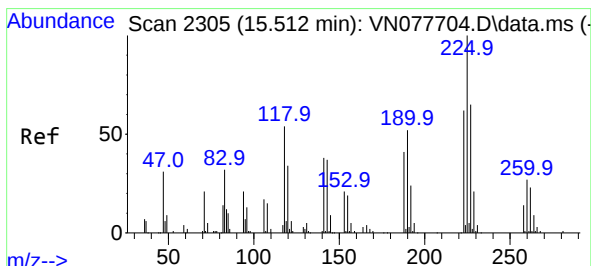
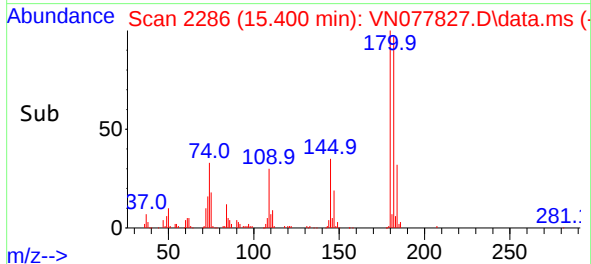
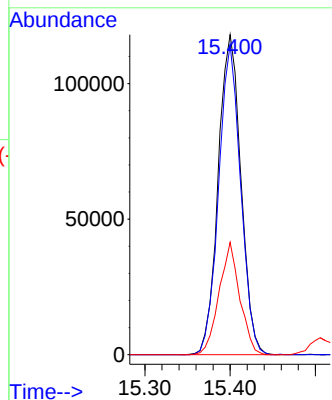
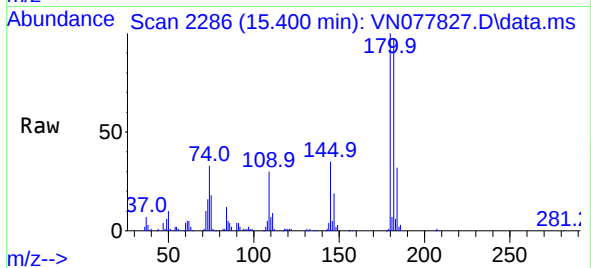




#93
1,2,4-Trichlorobenzene
Concen: 39.322 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

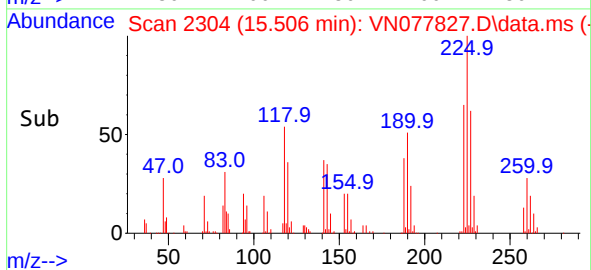
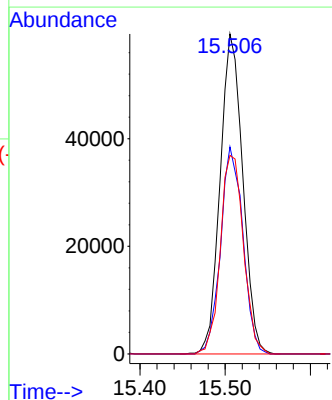
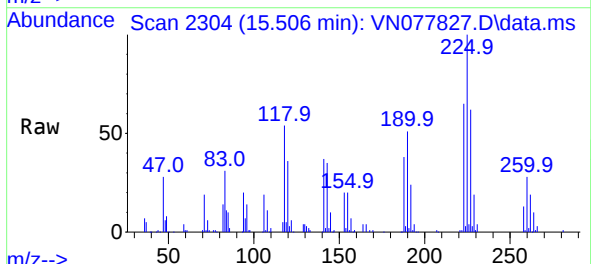
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

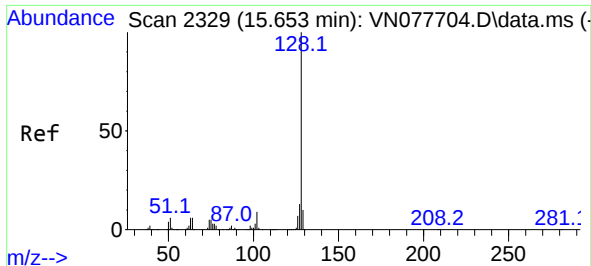
Tgt Ion:180 Resp: 217942
Ion Ratio Lower Upper
180 100
182 93.6 46.1 138.2
145 32.2 16.6 49.8



#94
Hexachlorobutadiene
Concen: 47.631 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion:225 Resp: 109610
Ion Ratio Lower Upper
225 100
223 63.8 31.3 93.8
227 63.4 31.9 95.9

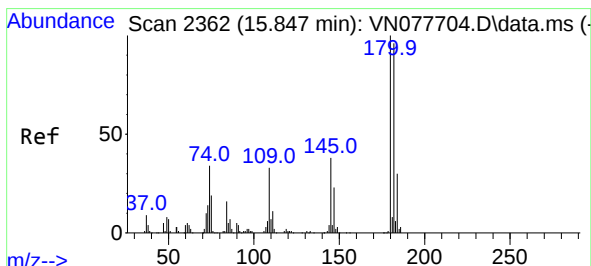
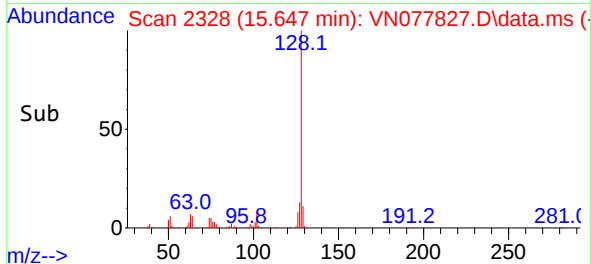
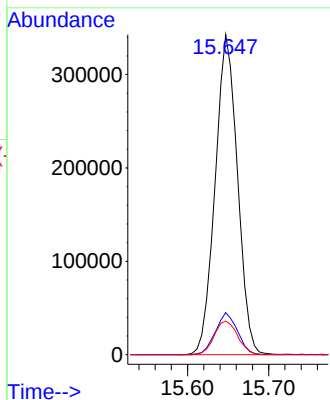
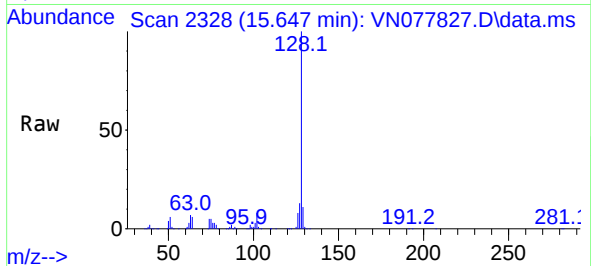




#95
Naphthalene
Concen: 34.360 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#09

Tgt Ion:128 Resp: 655508
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 40.632 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077827.D
Acq: 23 May 2023 21:24

Tgt Ion:180 Resp: 220498
Ion Ratio Lower Upper
180 100
182 94.1 46.2 138.6
145 34.8 17.5 52.6

