

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077271.D
 Acq On : 07 Apr 2023 11:11
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 08 05:14:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	66958	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	510020	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	571397	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	172061	30.299	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.000%
60) 4-Bromofluorobenzene	12.854	95	318428	32.229	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	107.433%
63) Toluene-d8	10.572	98	601863	29.962	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.867%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.131	85	937871	147.335	ug/l	100
3) Chloromethane	2.372	50	1042824	123.311	ug/l	100
4) Vinyl Chloride	2.519	62	1563276	129.056	ug/l	99
5) Bromomethane	2.913	94	1061442	116.288	ug/l	96
6) Chloroethane	3.102	64	1033390	127.278	ug/l	99
7) Trichlorofluoromethane	3.496	101	1537949	136.359	ug/l	97
8) Diethyl Ether	3.966	74	661925	137.690	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.372	101	982834	139.353	ug/l	99
10) 1,1-Dichloroethene	4.343	96	987104	139.905	ug/l	94
11) Methyl Iodide	4.596	142	1261746	158.292	ug/l	100
12) Methyl Acetate	5.031	43	1483912	141.167	ug/l	99
13) Acrolein	4.184	56	966293	740.573	ug/l	100
14) Acrylonitrile	5.731	53	2621903	729.693	ug/l	99
15) Acetone	4.431	58	792394	607.879	ug/l	98
16) Carbon Disulfide	4.719	76	2610654	140.186	ug/l	97
17) Allyl chloride	5.031	41	1248302	137.440	ug/l	97
18) Methylene Chloride	5.284	84	1137791	138.866	ug/l	99
19) trans-1,2-Dichloroethene	5.790	96	1100118	143.398	ug/l	94
20) Diisopropyl ether	6.678	45	3066046	141.639	ug/l	97
21) 1,1-Dichloroethane	6.572	63	1969762	143.562	ug/l	99
22) cis-1,2-Dichloroethene	7.489	96	1352349	144.600	ug/l	99
23) tert-Butyl Alcohol	5.537	59	1091718	683.307	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	3647204	143.586	ug/l	99
25) Chloroform	7.972	83	2082684	140.063	ug/l	97
26) Cyclohexane	8.260	56	1648850	138.298	ug/l #	100
29) 1,1-Dichloropropene	8.372	75	1575432	142.594	ug/l	100
30) 2-Butanone	7.489	43	3394753	649.752	ug/l	99
31) 2,2-Dichloropropane	7.495	77	1914528	141.159	ug/l	100
32) 1,1,1-Trichloroethane	8.172	97	1918317	141.085	ug/l	99
33) Carbon Tetrachloride	8.366	117	1618893	139.502	ug/l	97
34) Benzene	8.607	78	4716468	137.967	ug/l	99
35) Methacrylonitrile	7.784	41	700637	142.355	ug/l	97
36) 1,2-Dichloroethane	8.678	62	1512460	141.116	ug/l	99
37) Trichloroethene	9.354	130	1162284	138.999	ug/l	94
38) Methylcyclohexane	9.601	83	2105135	140.486	ug/l	99
39) 1,2-Dichloropropane	9.625	63	1167594	137.585	ug/l	99
40) Dibromomethane	9.707	93	854004	139.667	ug/l	100
41) Bromodichloromethane	9.889	83	1702370	139.624	ug/l	98
42) Vinyl Acetate	6.607	43	10666082	705.373	ug/l #	100

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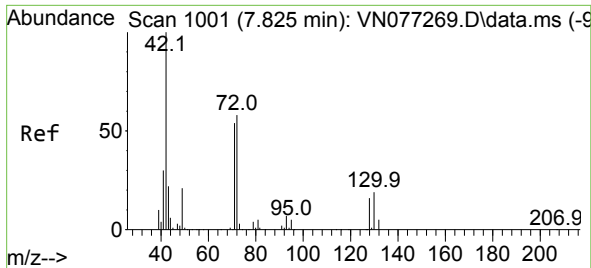
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	1340606	138.690	ug/l	98
44) Isopropyl Acetate	8.689	43	2377240	137.355	ug/l #	100
45) 1,4-Dioxane	9.701	88	494741	2710.484	ug/l	99
46) Methyl methacrylate	9.683	41	1046435	140.432	ug/l	98
47) n-amyl Acetate	12.495	43	2252101	148.900	ug/l	100
48) t-1,3-Dichloropropene	10.836	75	2008290	147.177	ug/l	97
49) cis-1,3-Dichloropropene	10.313	75	2071747	142.717	ug/l	99
50) 1,1,2-Trichloroethane	11.019	97	1228775	138.353	ug/l	99
51) Ethyl methacrylate	10.877	69	1982655	145.364	ug/l	98
52) 1,3-Dichloropropane	11.166	76	2052489	138.465	ug/l	99
53) Dibromochloromethane	11.360	129	1342517	143.419	ug/l	99
54) 1,2-Dibromoethane	11.472	107	1258415	141.142	ug/l	98
55) 2-Chloroethyl vinyl ether	10.166	63	3603303	855.687	ug/l	99
56) Bromoform	12.577	173	932385	148.280	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	7073800	661.194	ug/l	98
59) 2-Hexanone	11.195	43	5302156	641.165	ug/l	98
61) Tetrachloroethene	11.107	164	896243	131.873	ug/l	95
62) Toluene	10.630	91	5474790	137.323	ug/l	100
64) Chlorobenzene	11.895	112	3330815	137.518	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.966	131	1219664	136.937	ug/l	99
66) Ethyl Benzene	11.966	91	6219163	140.806	ug/l	99
67) m/p-Xylenes	12.072	106	4808345	277.737	ug/l	98
68) o-Xylene	12.401	106	2405414	138.882	ug/l	98
69) Styrene	12.413	104	4062020	146.385	ug/l	99
70) Isopropylbenzene	12.695	105	6245761	142.093	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.942	83	1879893	139.659	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	2431296	265.719	ug/l	39
73) Bromobenzene	12.983	156	1260226	141.117	ug/l	98
74) n-propylbenzene	13.042	91	7286628	149.829	ug/l	100
75) 2-Chlorotoluene	13.130	91	4249757	145.867	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	5210551	145.647	ug/l	99
77) t-1,4-Dichloro-2-butene	12.736	75	705478	151.372	ug/l	98
78) 4-Chlorotoluene	13.224	91	4205289	152.759	ug/l	99
79) tert-butylbenzene	13.442	119	4465086	143.409	ug/l	97
80) 1,2,4-Trimethylbenzene	13.483	105	5237454	150.182	ug/l	98
81) sec-Butylbenzene	13.618	105	6667764	149.949	ug/l	100
82) p-Isopropyltoluene	13.730	119	5501219	154.420	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	2559087	151.139	ug/l	100
84) 1,4-Dichlorobenzene	13.813	146	2546959	155.042	ug/l	99
85) n-Butylbenzene	14.060	91	5059047	171.850	ug/l	100
86) Hexachloroethane	14.336	117	1097687	144.848	ug/l	100
87) 1,2-Dichlorobenzene	14.107	146	2544585	153.373	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	386174	149.715	ug/l	98
89) 1,2,4-Trichlorobenzene	15.371	180	1284363	196.806	ug/l	99
90) Hexachlorobutadiene	15.465	225	523993	156.557	ug/l	99
91) Naphthalene	15.589	128	4770188	191.335	ug/l	100
92) 1,2,3-Trichlorobenzene	15.754	180	1203558	189.009	ug/l	100

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

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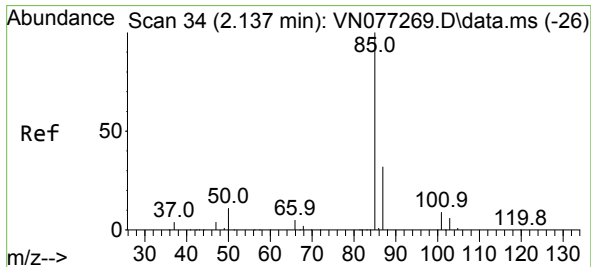
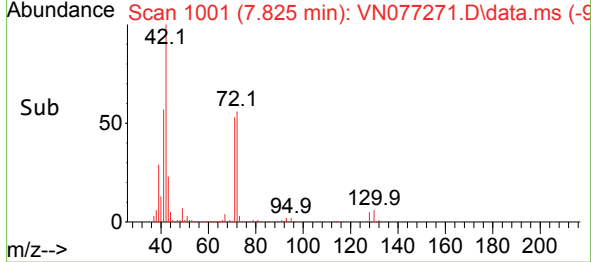
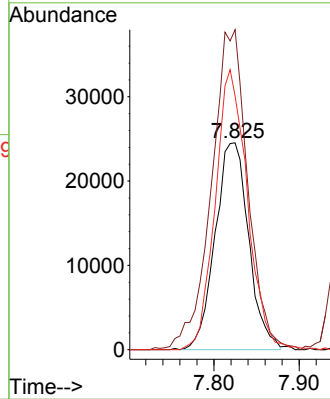
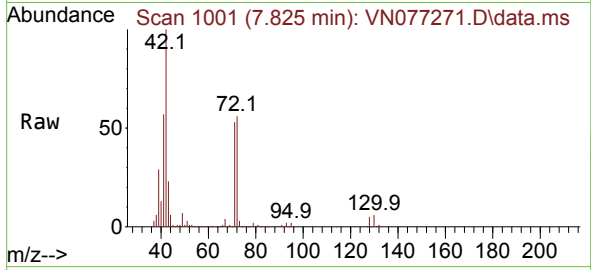




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

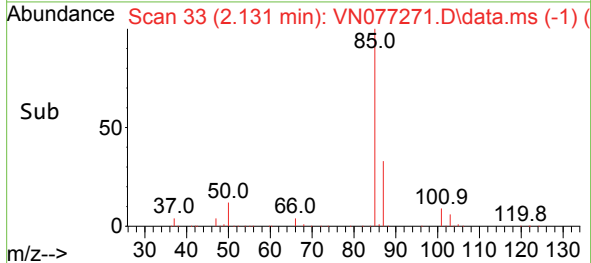
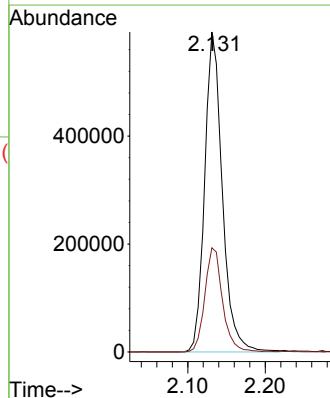
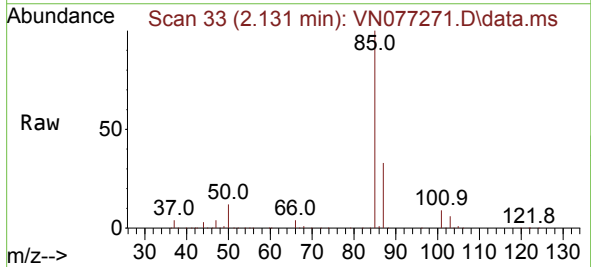
Instrument :
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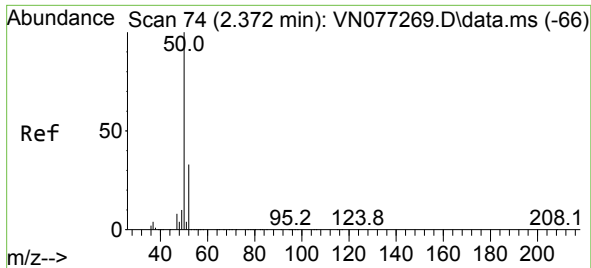
Tgt Ion:128 Resp: 66958
Ion Ratio Lower Upper
128 100
49 167.8 0.0 379.5
130 129.9 0.0 322.8



#2
Dichlorodifluoromethane
Concen: 147.335 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 85 Resp: 937871
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.6

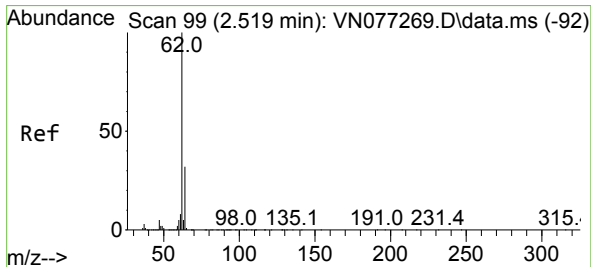
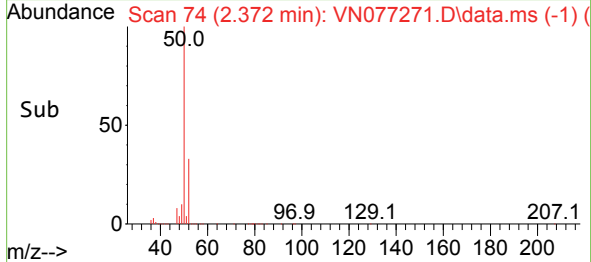
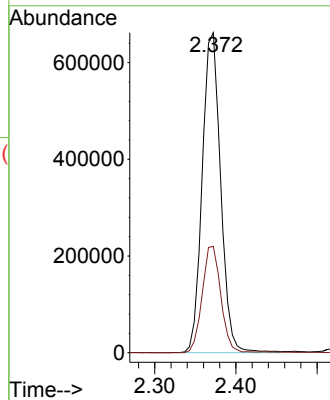
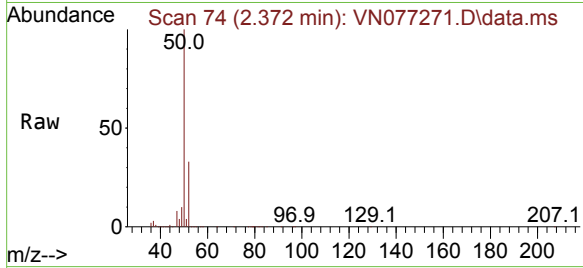




#3
Chloromethane
Concen: 123.311 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

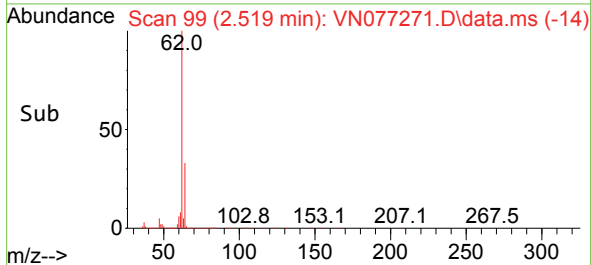
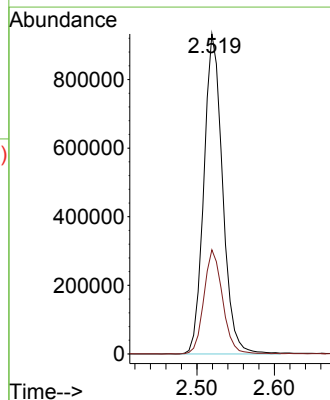
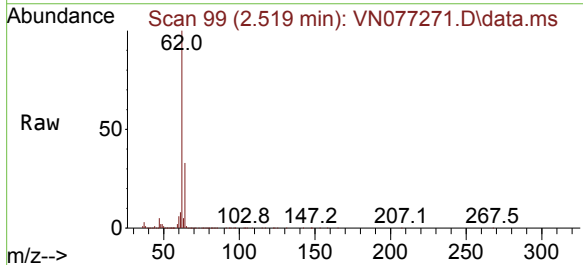
Instrument :
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ClientSampleId :
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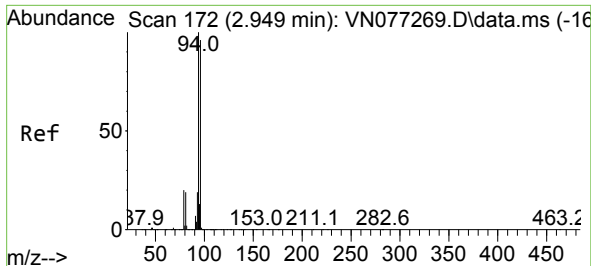
Tgt Ion: 50 Resp: 1042824
Ion Ratio Lower Upper
50 100
52 33.2 26.4 39.6



#4
Vinyl Chloride
Concen: 129.056 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 62 Resp: 1563276
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0

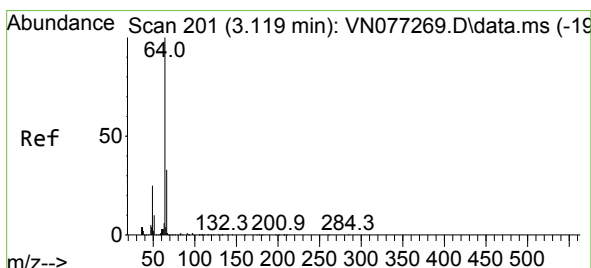
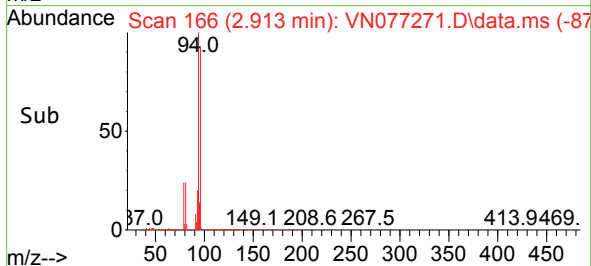
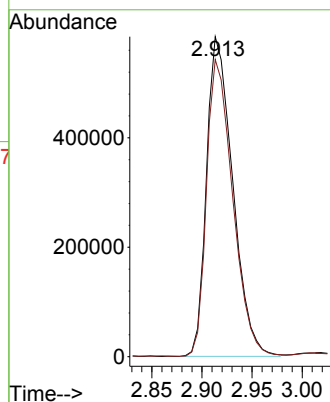
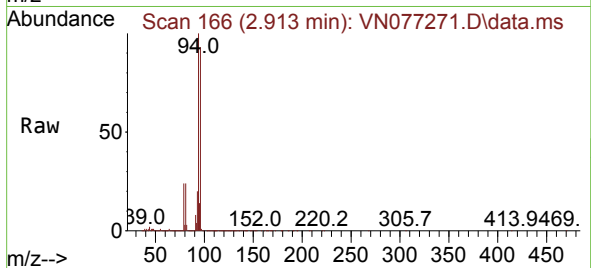




#5
Bromomethane
Concen: 116.288 ug/l
RT: 2.913 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

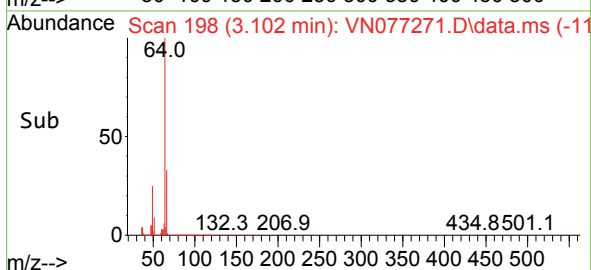
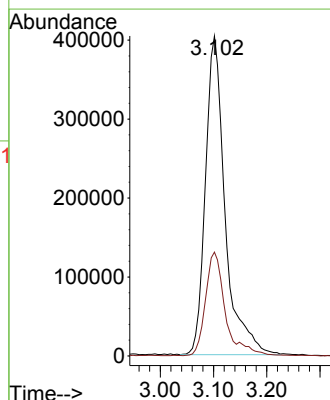
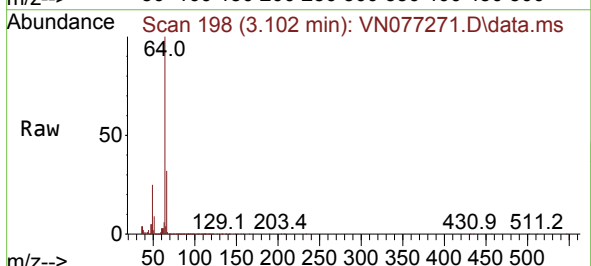
Instrument :
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ClientSampleId :
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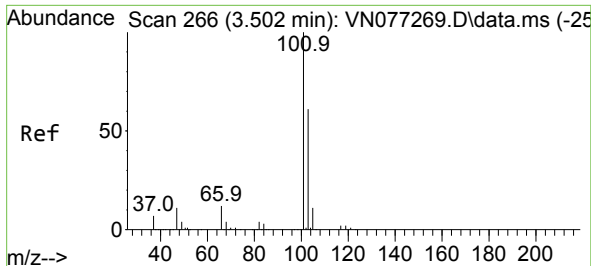
Tgt Ion: 94 Resp: 1061442
Ion Ratio Lower Upper
94 100
96 92.8 77.0 115.6



#6
Chloroethane
Concen: 127.278 ug/l
RT: 3.102 min Scan# 198
Delta R.T. -0.018 min
Lab File: VN077271.D
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Tgt Ion: 64 Resp: 1033390
Ion Ratio Lower Upper
64 100
66 32.4 25.7 38.5

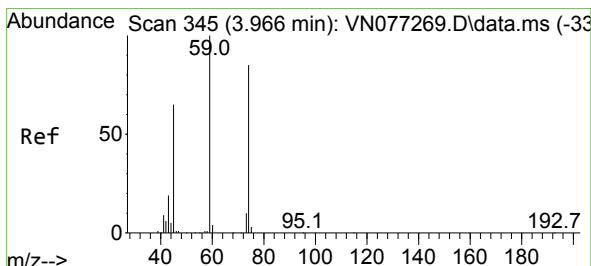
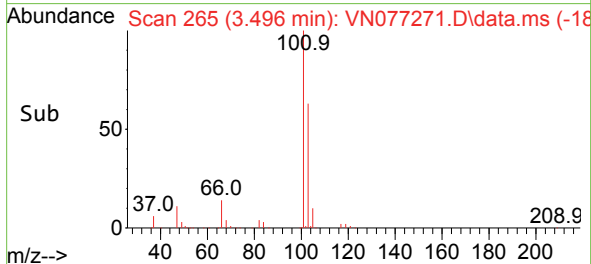
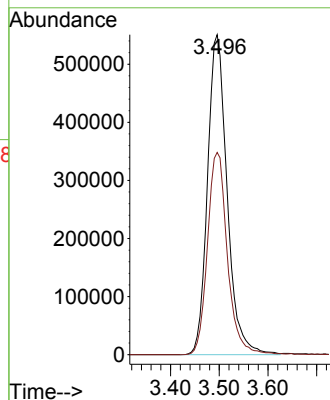
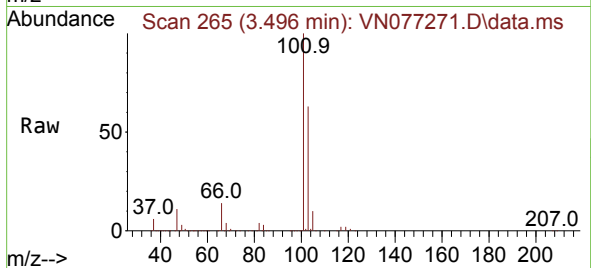




#7
Trichlorofluoromethane
Concen: 136.359 ug/l
RT: 3.496 min Scan# 265
Delta R.T. -0.006 min
Lab File: VN077271.D
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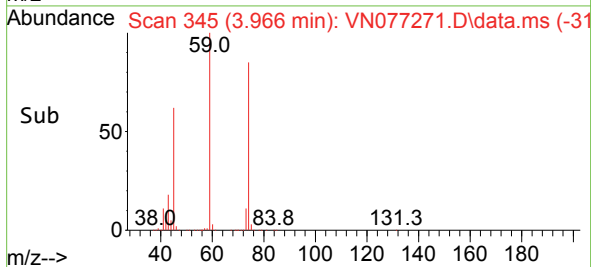
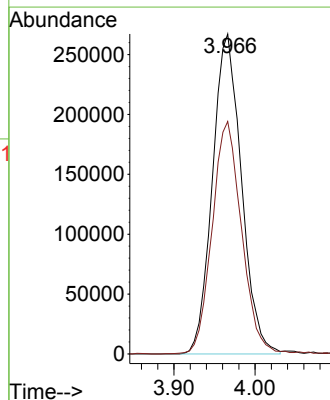
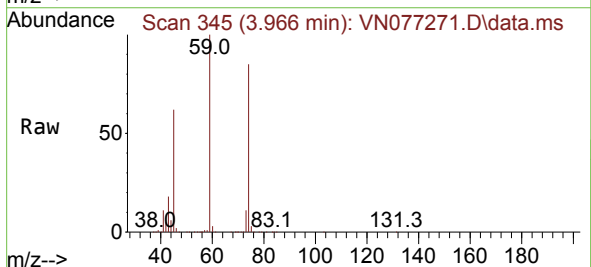
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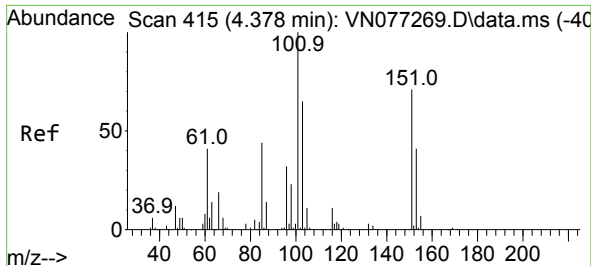
Tgt Ion:101 Resp: 1537949
Ion Ratio Lower Upper
101 100
103 63.2 48.9 73.3



#8
Diethyl Ether
Concen: 137.690 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 74 Resp: 661925
Ion Ratio Lower Upper
74 100
45 73.2 14.8 133.6

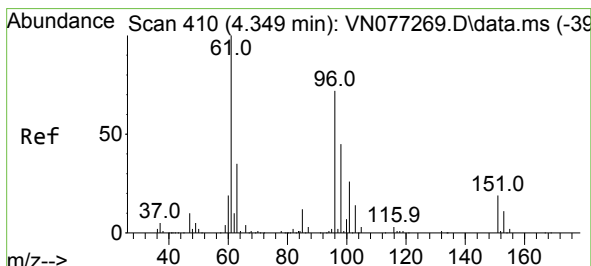
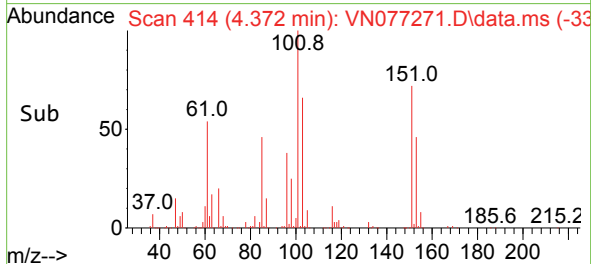
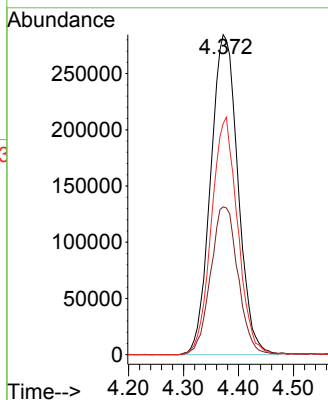
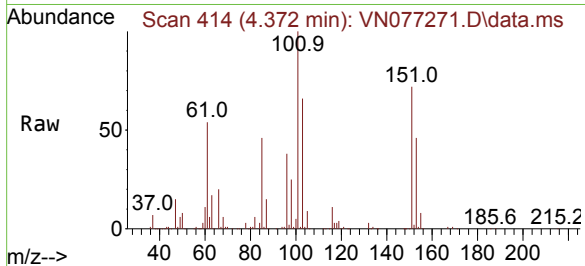




#9
1,1,2-Trichlorotrifluoroethane
Concen: 139.353 ug/l
RT: 4.372 min Scan# 415
Delta R.T. -0.006 min
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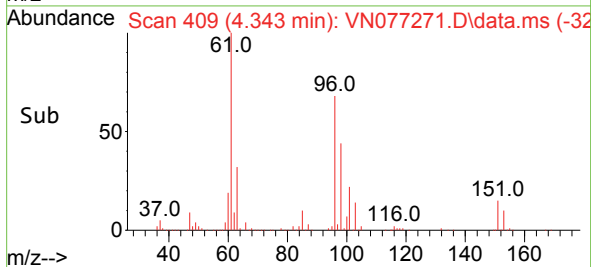
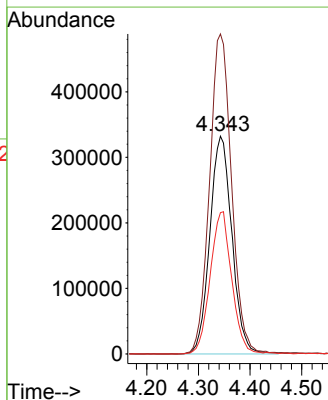
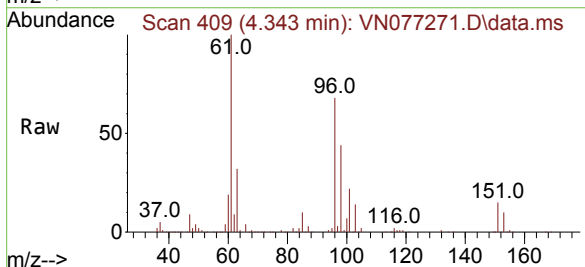
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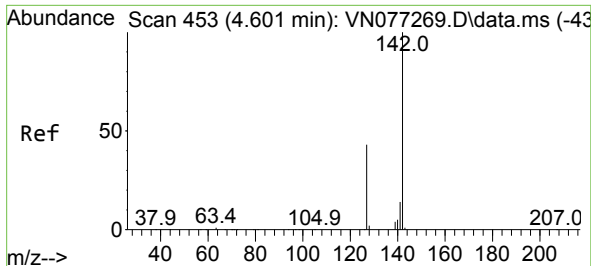
Tgt Ion:101 Resp: 982834
Ion Ratio Lower Upper
101 100
85 46.3 0.0 89.6
151 71.1 0.0 141.6



#10
1,1-Dichloroethene
Concen: 139.905 ug/l
RT: 4.343 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 96 Resp: 987104
Ion Ratio Lower Upper
96 100
61 146.9 110.7 166.1
98 64.9 49.6 74.4

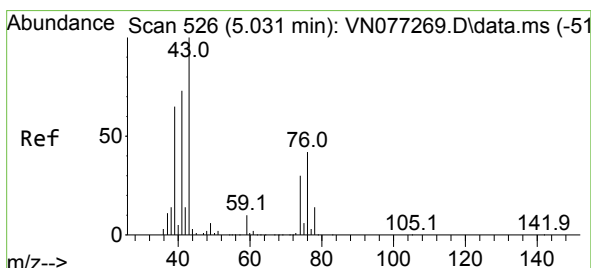
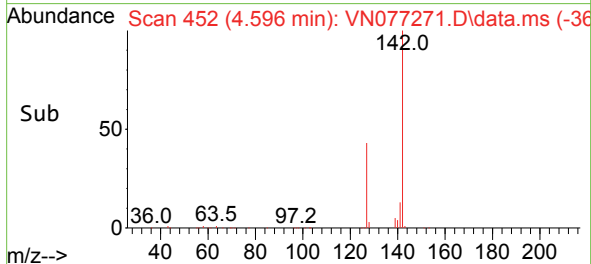
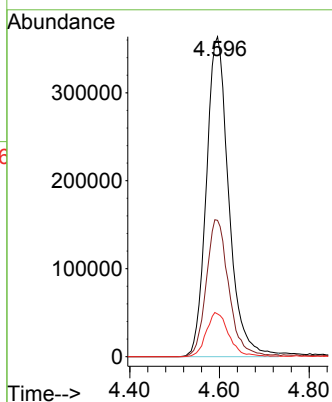
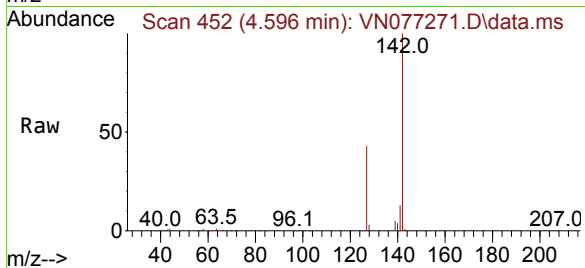




#11
Methyl Iodide
Concen: 158.292 ug/l
RT: 4.596 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

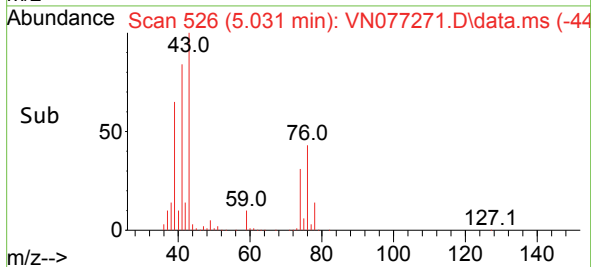
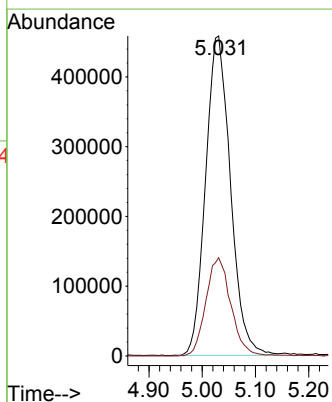
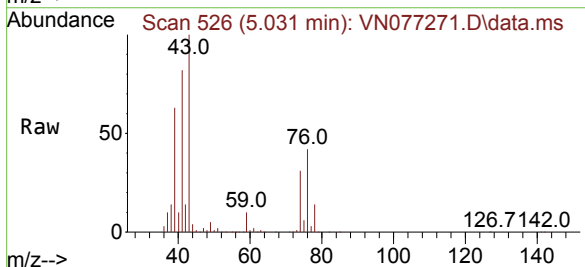
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

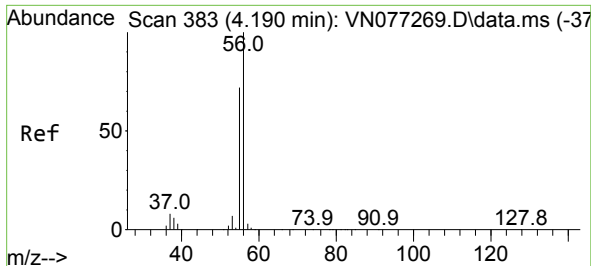
Tgt Ion:142 Resp: 1261746
Ion Ratio Lower Upper
142 100
127 42.6 21.3 63.7
141 13.3 7.0 20.9



#12
Methyl Acetate
Concen: 141.167 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 43 Resp: 1483912
Ion Ratio Lower Upper
43 100
74 30.7 24.2 36.2

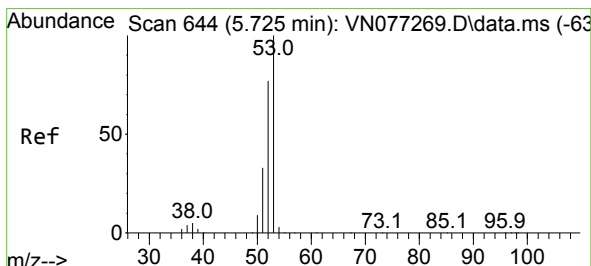
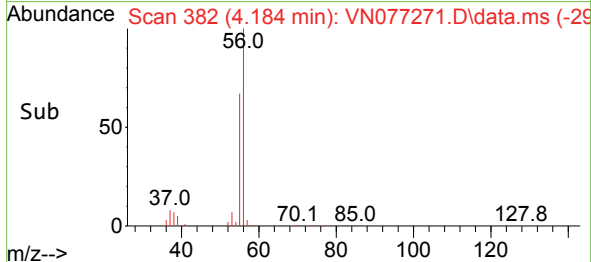
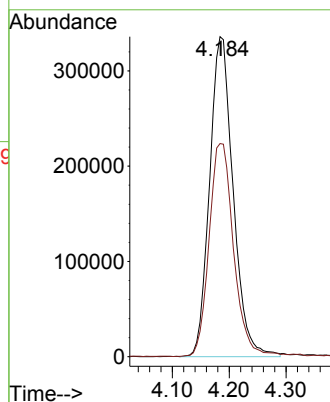
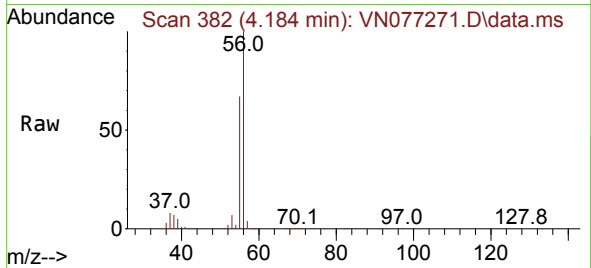




#13
Acrolein
Concen: 740.573 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

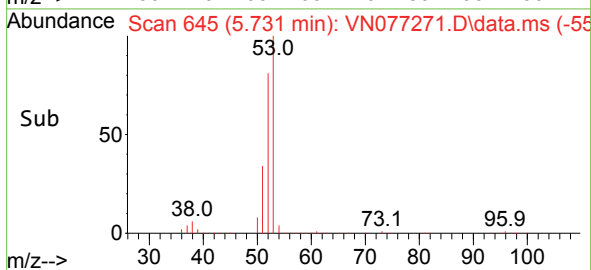
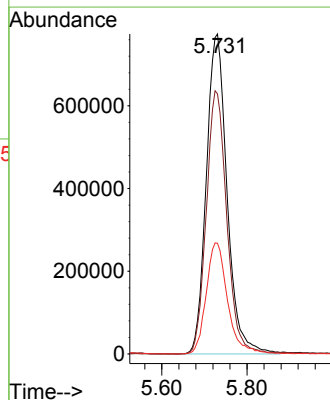
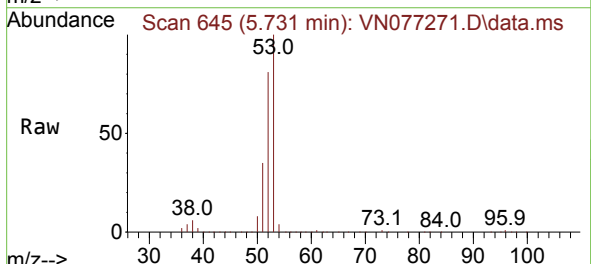
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

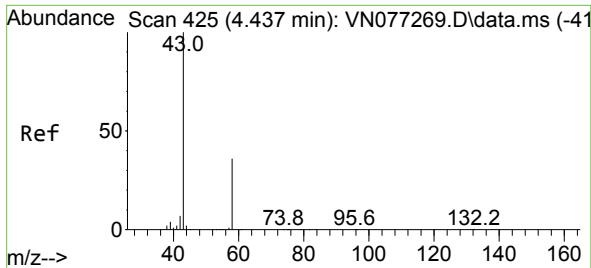
Tgt Ion: 56 Resp: 966293
Ion Ratio Lower Upper
56 100
55 69.2 55.2 82.8



#14
Acrylonitrile
Concen: 729.693 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 53 Resp: 2621903
Ion Ratio Lower Upper
53 100
52 80.9 41.0 123.0
51 35.7 17.7 53.1

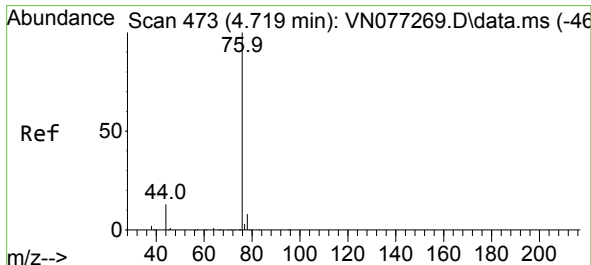
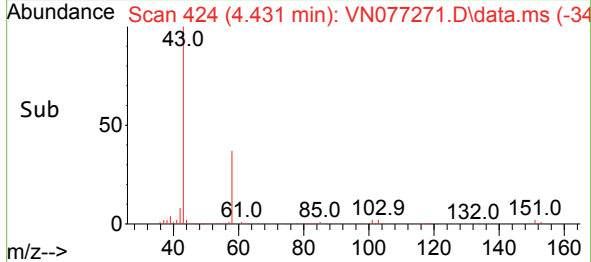
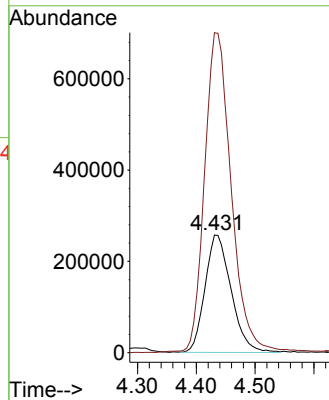
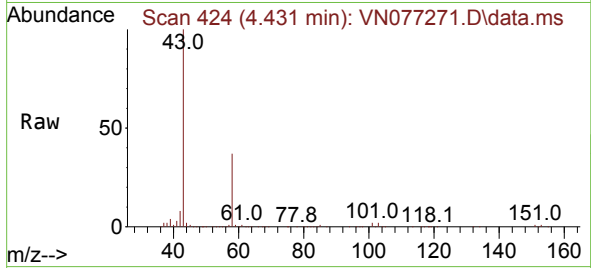




#15
Acetone
Concen: 607.879 ug/l
RT: 4.431 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

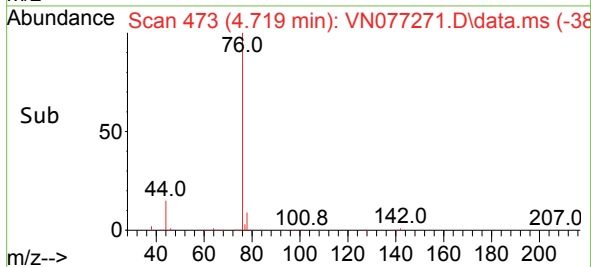
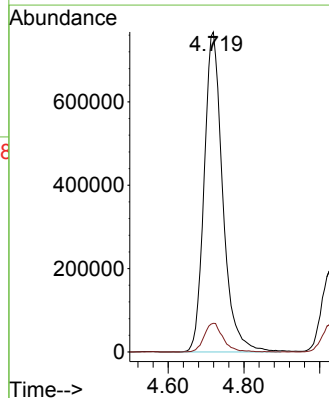
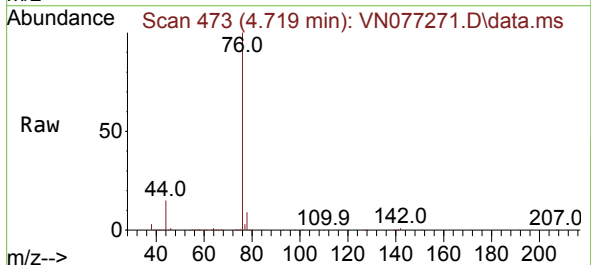
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

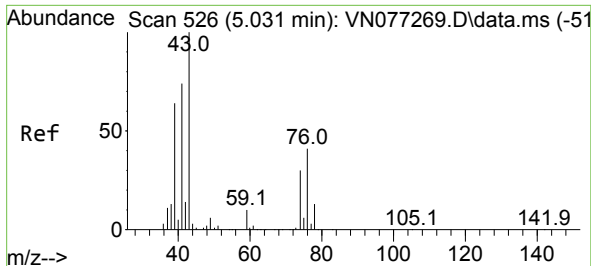
Tgt Ion: 58 Resp: 792394
Ion Ratio Lower Upper
58 100
43 271.9 220.9 331.3



#16
Carbon Disulfide
Concen: 140.186 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 76 Resp: 2610654
Ion Ratio Lower Upper
76 100
78 8.9 6.3 9.5



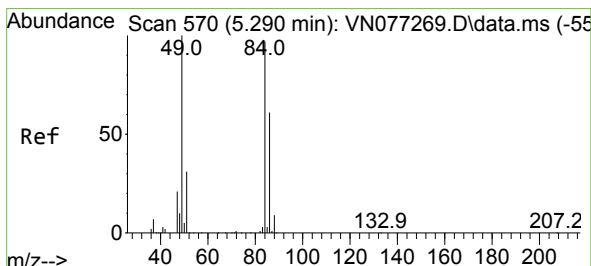
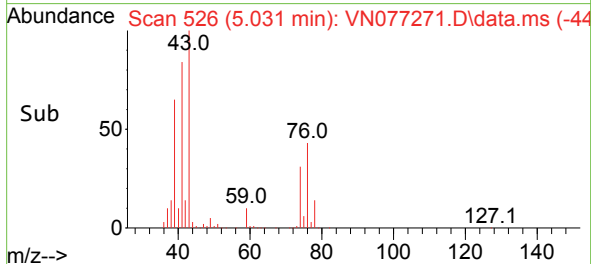
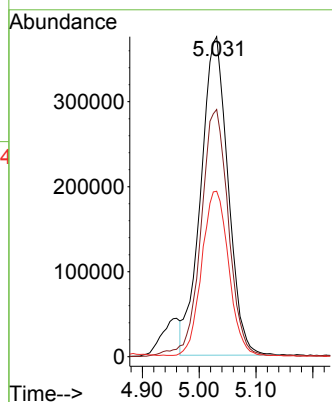
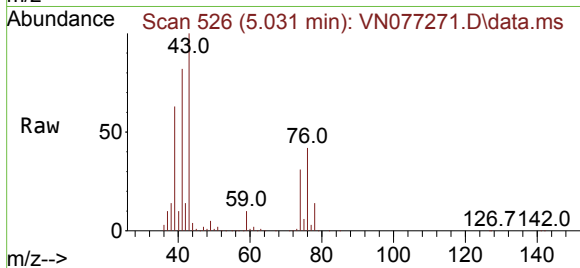


#17
 Allyl chloride
 Concen: 137.440 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077271.D
 Acq: 07 Apr 2023 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 41 Resp: 1248302

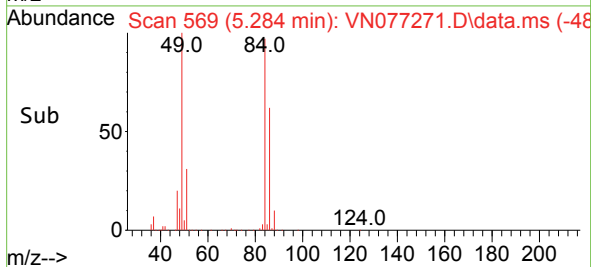
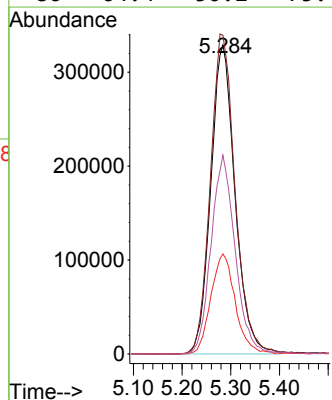
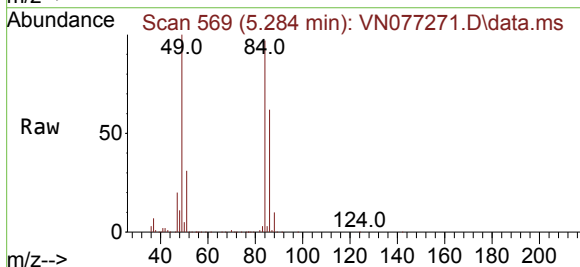
Ion	Ratio	Lower	Upper
41	100		
39	77.4	40.3	120.9
76	51.6	25.3	75.8

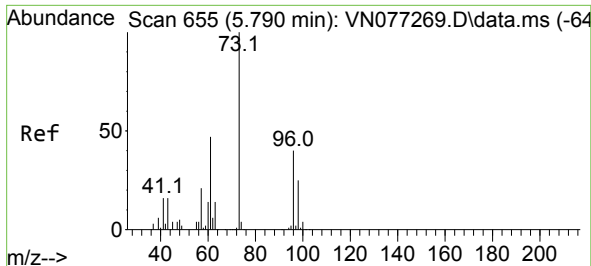


#18
 Methylene Chloride
 Concen: 138.866 ug/l
 RT: 5.284 min Scan# 569
 Delta R.T. -0.006 min
 Lab File: VN077271.D
 Acq: 07 Apr 2023 11:11

Tgt Ion: 84 Resp: 1137791

Ion	Ratio	Lower	Upper
84	100		
49	103.1	82.7	124.1
51	32.3	25.6	38.4
86	64.4	50.2	75.4

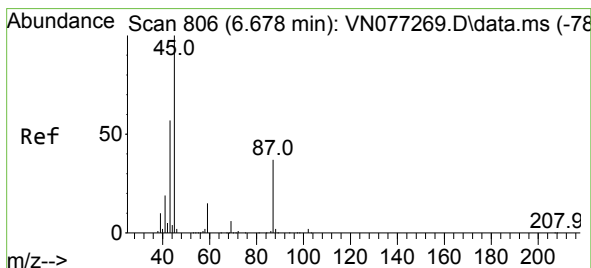
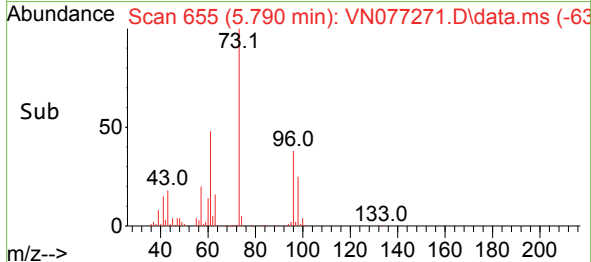
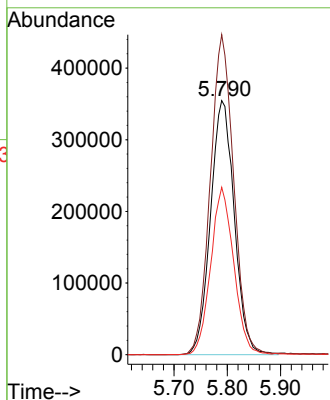
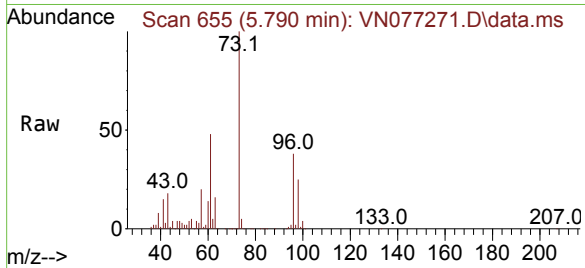




#19
trans-1,2-Dichloroethene
Concen: 143.398 ug/l
RT: 5.790 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

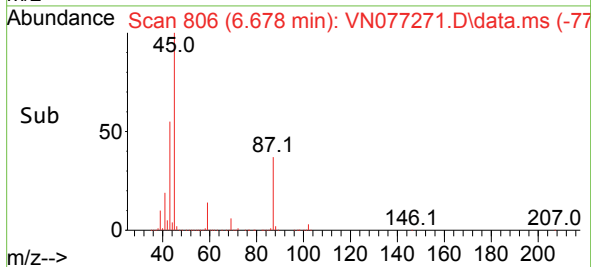
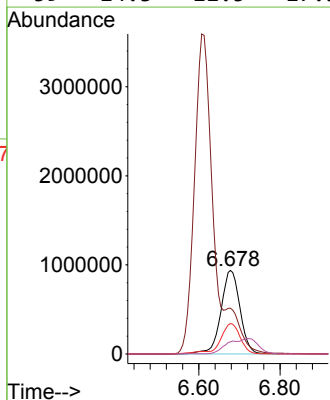
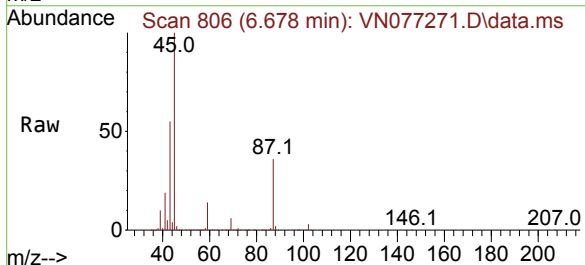
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

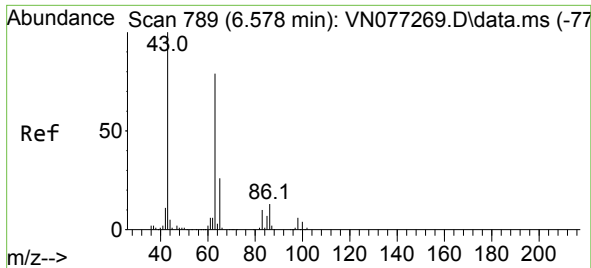
Tgt Ion: 96 Resp: 1100118
Ion Ratio Lower Upper
96 100
61 125.9 94.5 141.7
98 65.8 49.8 74.8



#20
Diisopropyl ether
Concen: 141.639 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 45 Resp: 3066046
Ion Ratio Lower Upper
45 100
43 53.9 45.9 68.9
87 36.4 30.1 45.1
59 14.3 11.5 17.3

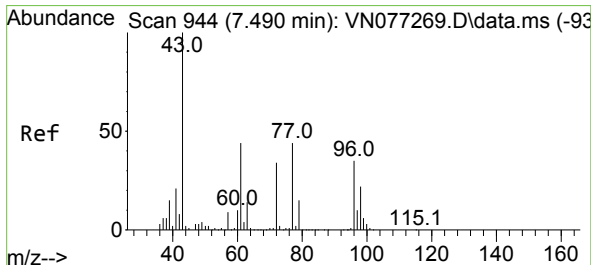
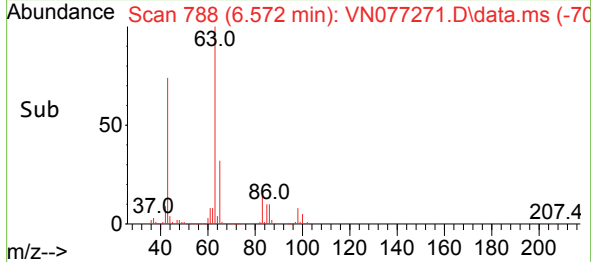
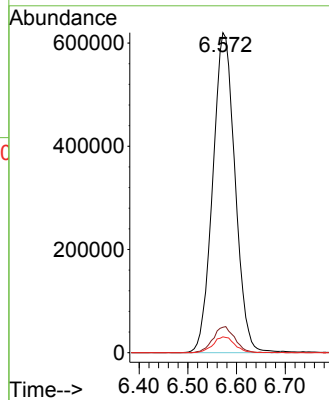
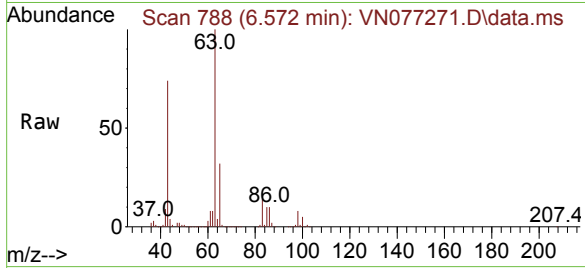




#21
1,1-Dichloroethane
Concen: 143.562 ug/l
RT: 6.572 min Scan# 788
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

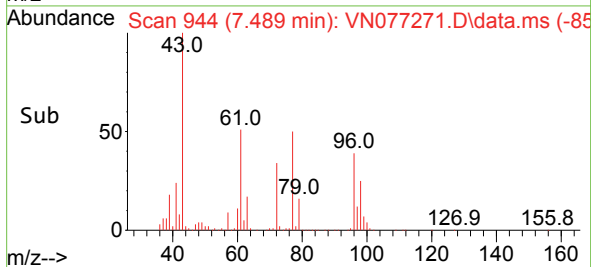
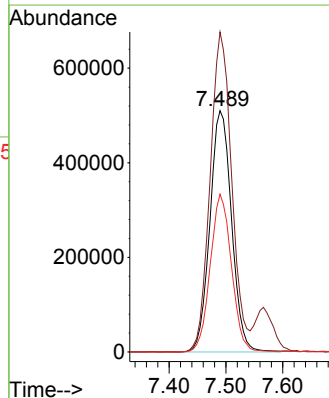
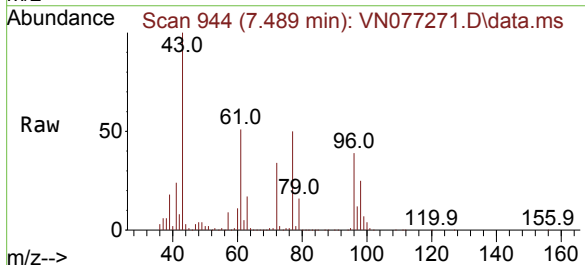
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

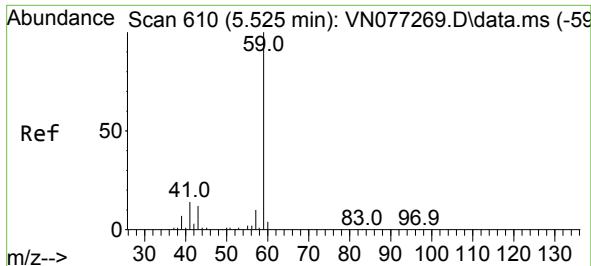
Tgt Ion: 63 Resp: 1969762
Ion Ratio Lower Upper
63 100
98 8.0 3.9 11.7
100 4.9 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 144.600 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 96 Resp: 1352349
Ion Ratio Lower Upper
96 100
61 132.3 105.5 158.3
98 63.9 51.8 77.6

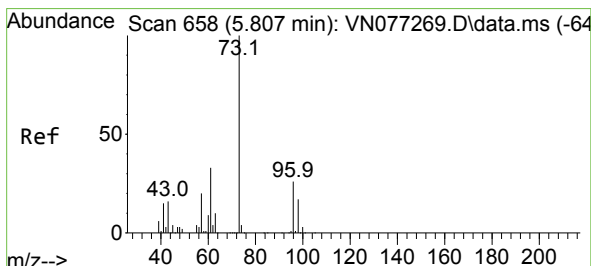
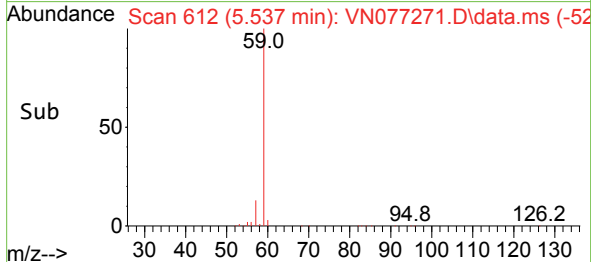
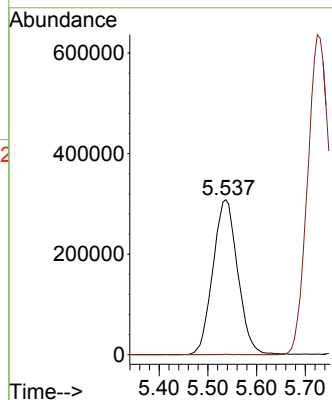
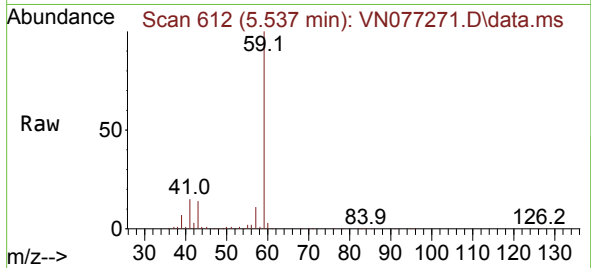




#23
 tert-Butyl Alcohol
 Concen: 683.307 ug/l
 RT: 5.537 min Scan# 610
 Delta R.T. 0.012 min
 Lab File: VN077271.D
 Acq: 07 Apr 2023 11:11

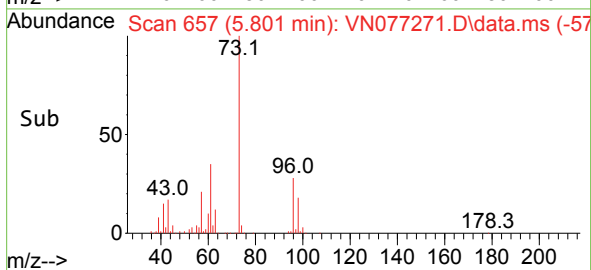
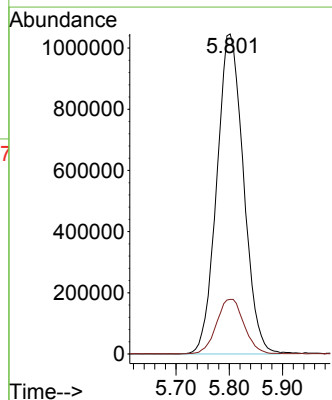
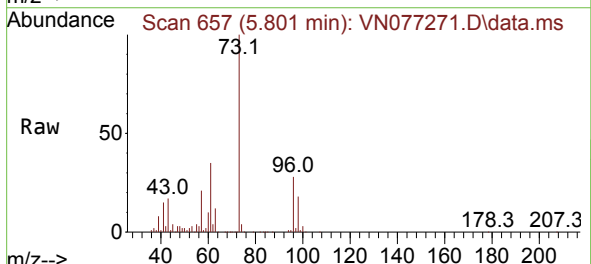
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

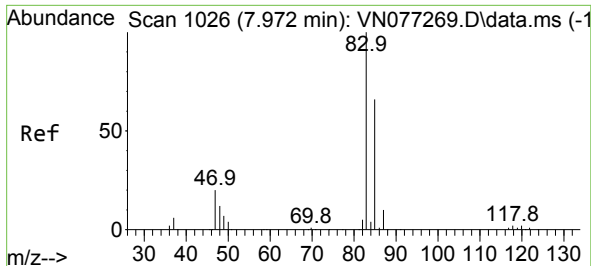
Tgt Ion: 59 Resp: 1091718
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1#



#24
 Methyl tert-Butyl Ether
 Concen: 143.586 ug/l
 RT: 5.801 min Scan# 657
 Delta R.T. -0.006 min
 Lab File: VN077271.D
 Acq: 07 Apr 2023 11:11

Tgt Ion: 73 Resp: 3647204
 Ion Ratio Lower Upper
 73 100
 43 17.5 13.5 20.3





#25

Chloroform

Concen: 140.063 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

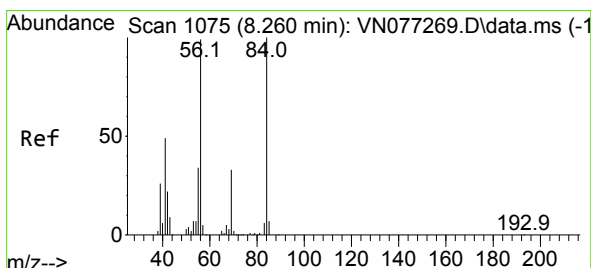
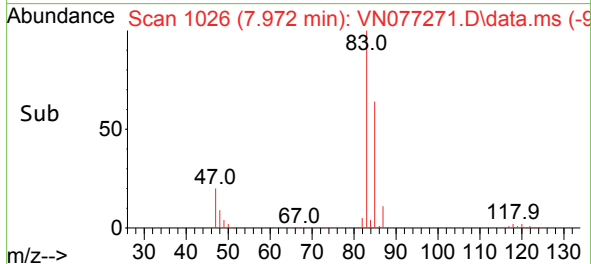
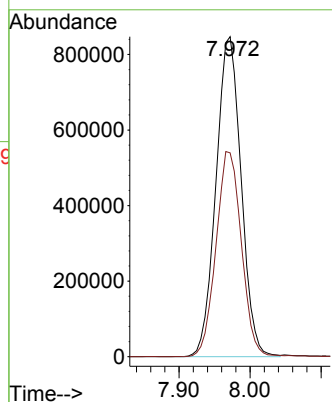
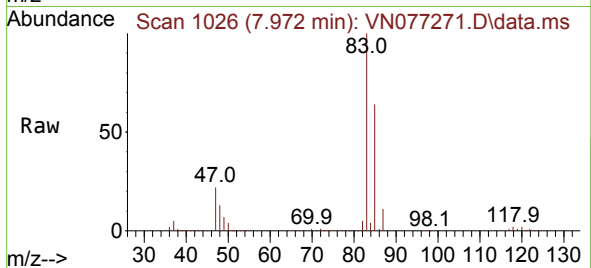
VSTDIC150

Tgt Ion: 83 Resp: 2082684

Ion Ratio Lower Upper

83 100

85 63.7 52.9 79.3



#26

Cyclohexane

Concen: 138.298 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

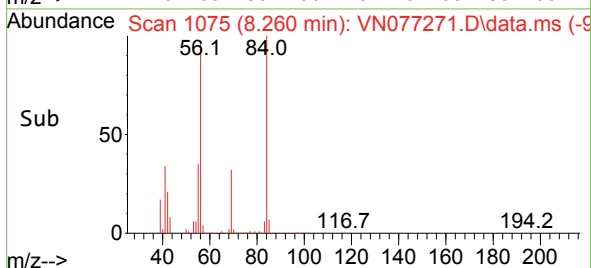
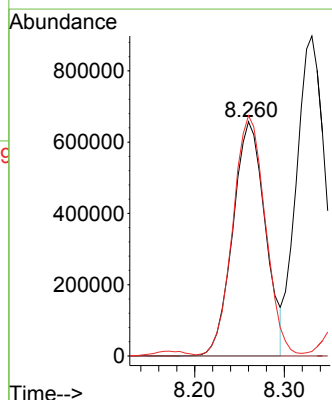
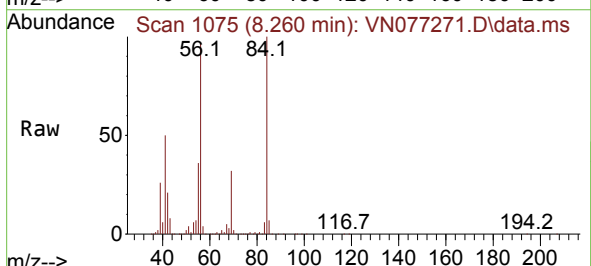
Tgt Ion: 56 Resp: 1648850

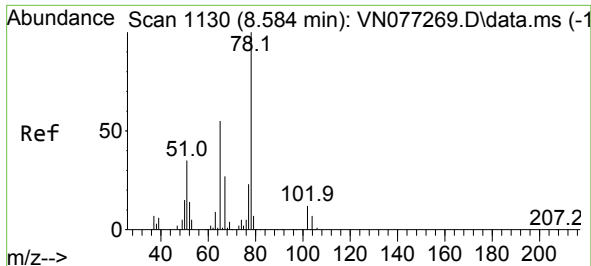
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 103.0 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 30.299 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

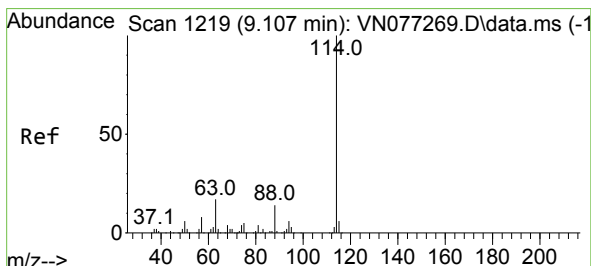
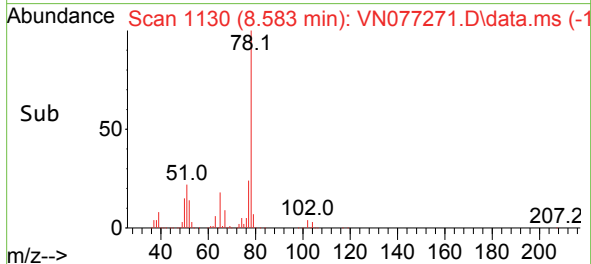
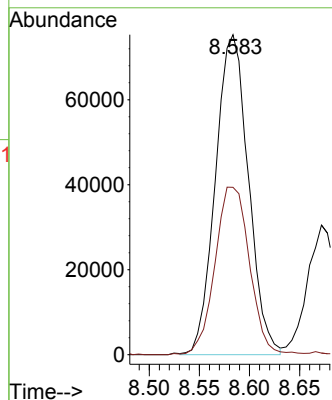
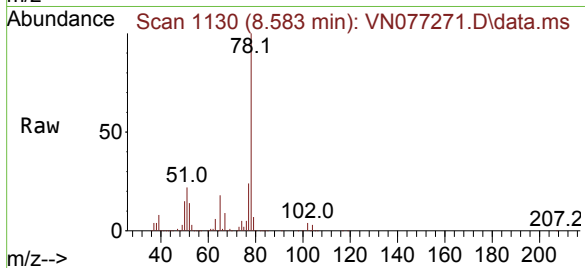
VSTDIC150

Tgt Ion: 65 Resp: 172061

Ion Ratio Lower Upper

65 100

67 54.6 41.8 62.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

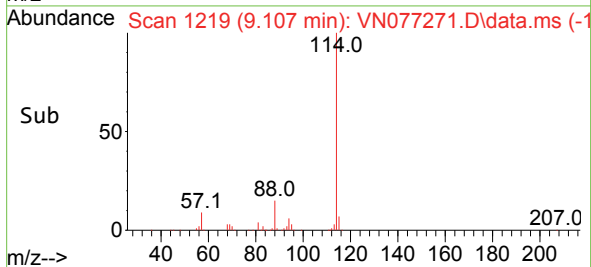
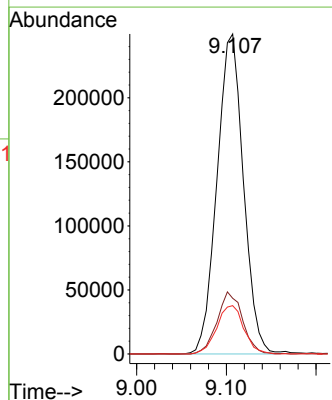
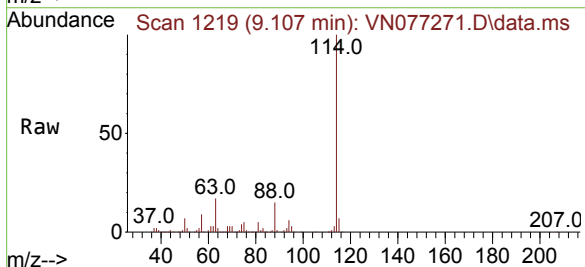
Tgt Ion: 114 Resp: 510020

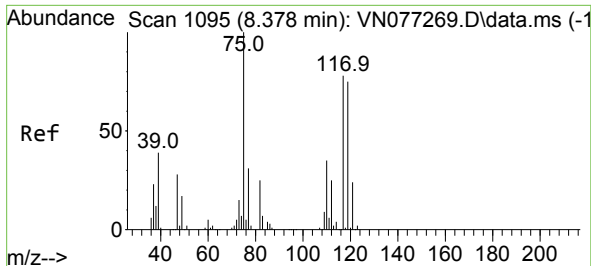
Ion Ratio Lower Upper

114 100

63 18.7 15.0 22.4

88 15.5 11.9 17.9





#29

1,1-Dichloropropene

Concen: 142.594 ug/l

RT: 8.372 min Scan# 1095

Delta R.T. -0.006 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

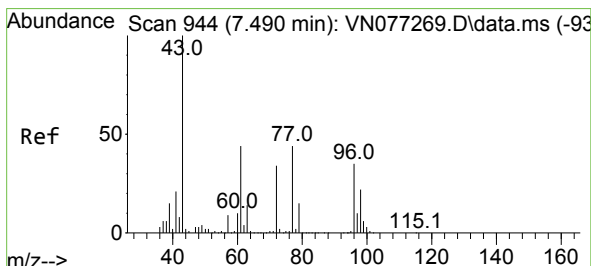
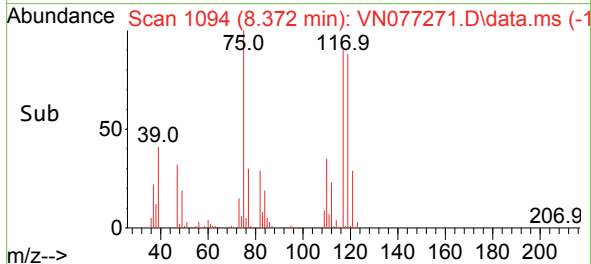
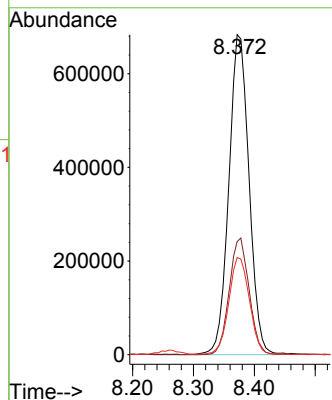
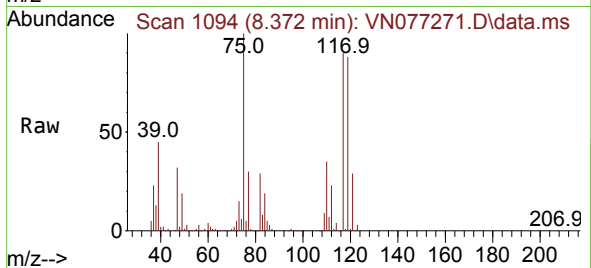
Tgt Ion: 75 Resp: 1575432

Ion Ratio Lower Upper

75 100

110 35.9 0.0 72.4

77 30.8 0.0 61.4



#30

2-Butanone

Concen: 649.752 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

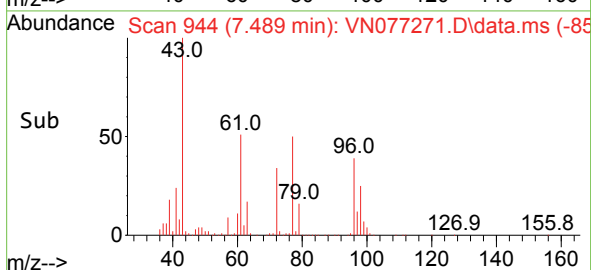
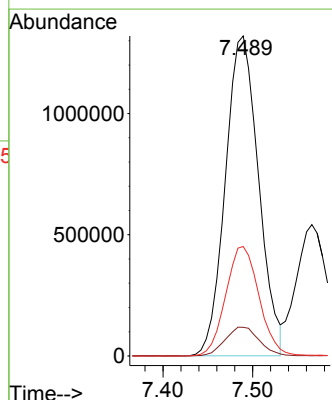
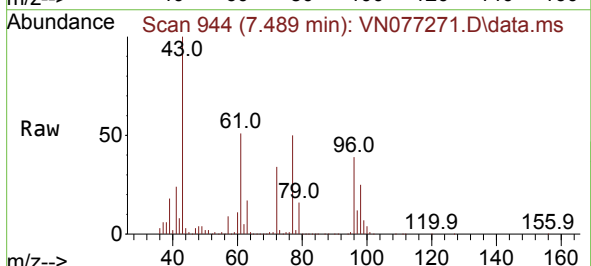
Tgt Ion: 43 Resp: 3394753

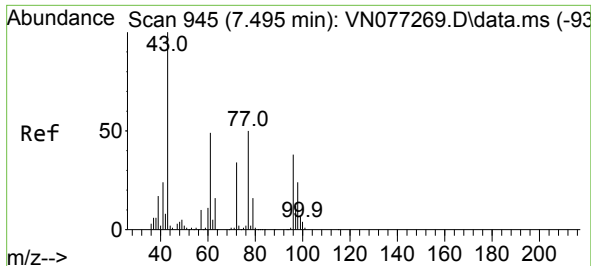
Ion Ratio Lower Upper

43 100

57 9.2 7.5 11.3

72 34.5 26.9 40.3





#31

2,2-Dichloropropane

Concen: 141.159 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

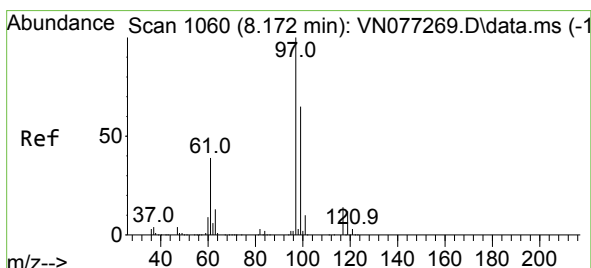
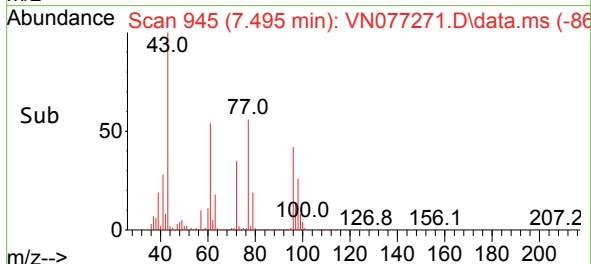
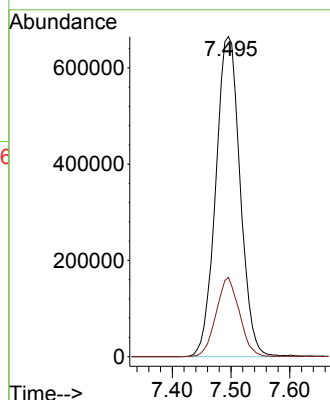
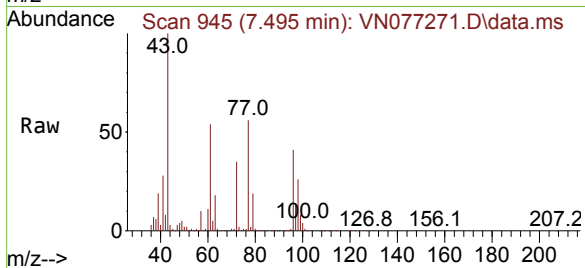
VSTDIC150

Tgt Ion: 77 Resp: 1914528

Ion Ratio Lower Upper

77 100

97 23.7 18.8 28.2



#32

1,1,1-Trichloroethane

Concen: 141.085 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

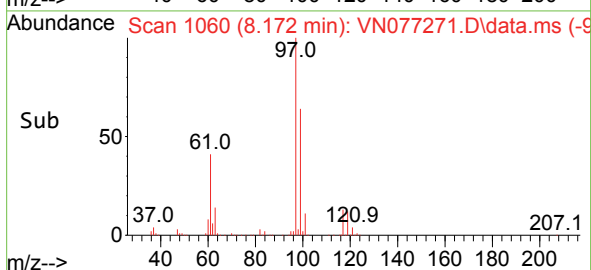
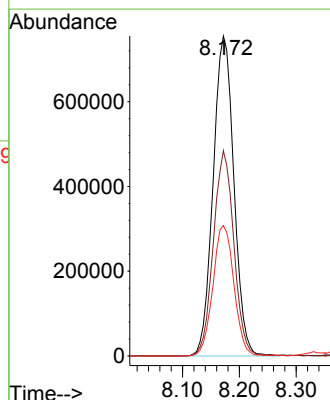
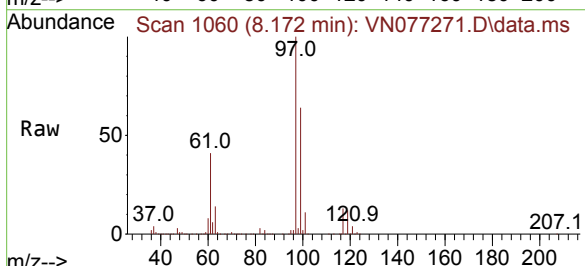
Tgt Ion: 97 Resp: 1918317

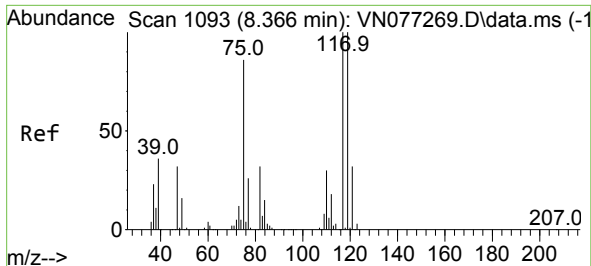
Ion Ratio Lower Upper

97 100

99 63.1 51.6 77.4

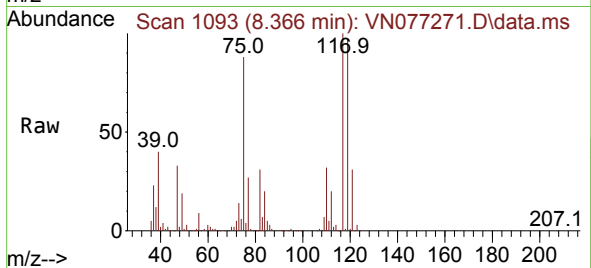
61 41.1 32.4 48.6





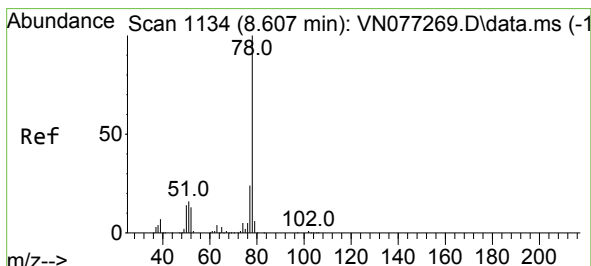
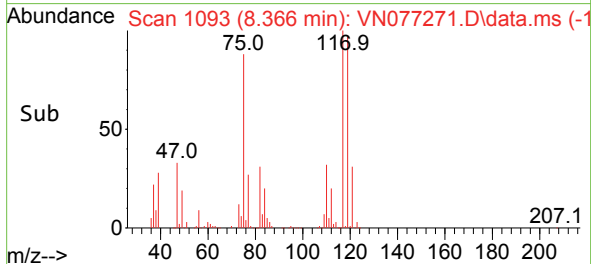
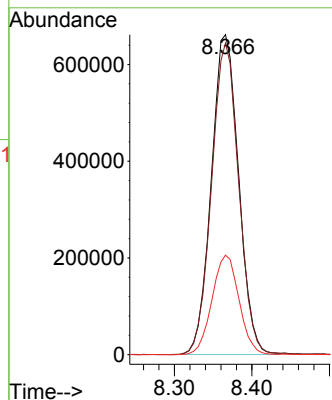
#33
Carbon Tetrachloride
Concen: 139.502 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 1618893

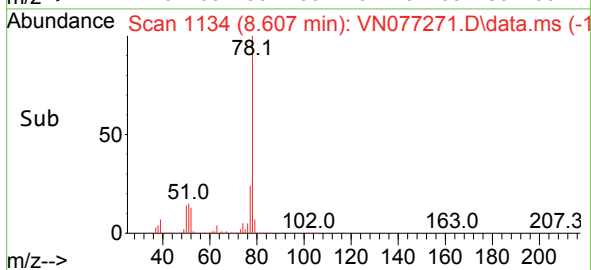
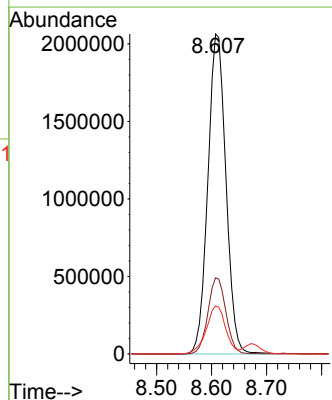
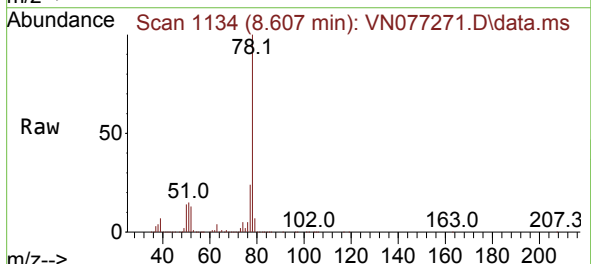
Ion	Ratio	Lower	Upper
117	100		
119	97.3	80.2	120.4
121	31.0	26.0	39.0

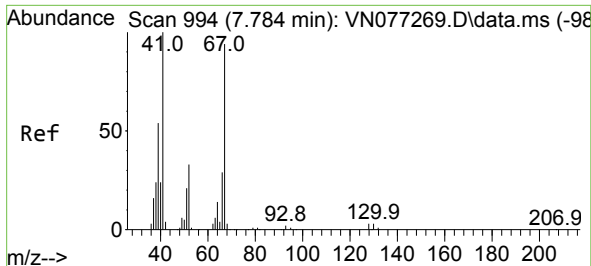


#34
Benzene
Concen: 137.967 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 78 Resp: 4716468

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0
51	15.0	12.6	19.0



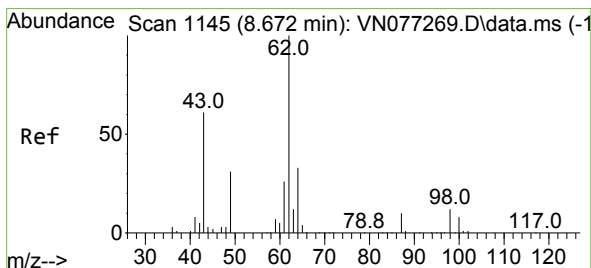
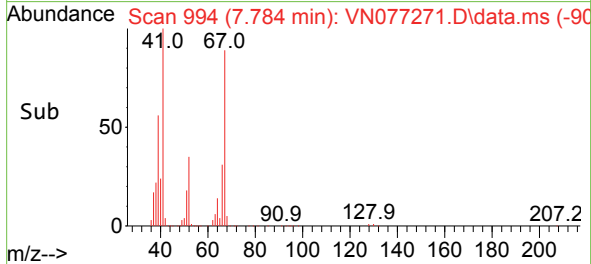
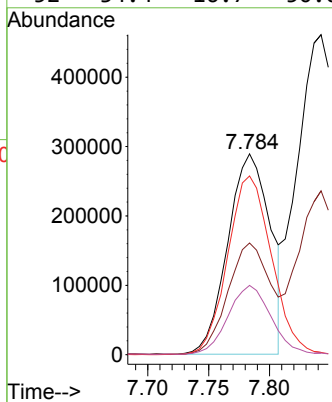
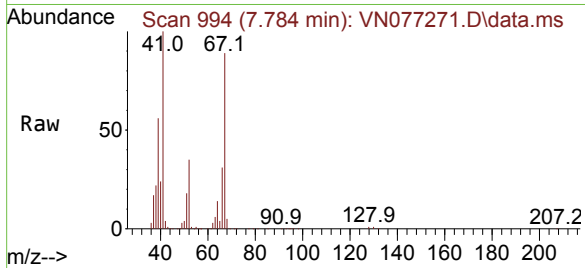


#35
Methacrylonitrile
Concen: 142.355 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 700637

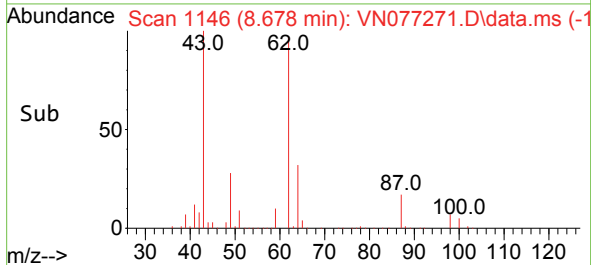
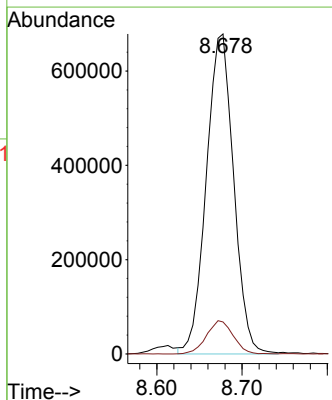
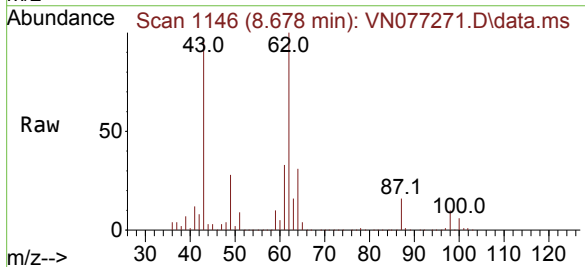
Ion	Ratio	Lower	Upper
41	100		
39	55.5	27.1	81.2
67	89.0	46.8	140.4
52	34.4	16.7	50.0

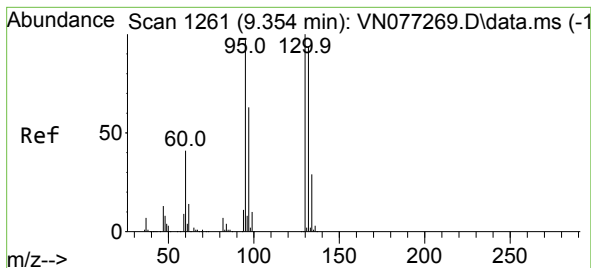


#36
1,2-Dichloroethane
Concen: 141.116 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 62 Resp: 1512460

Ion	Ratio	Lower	Upper
62	100		
98	10.1	8.3	12.5





#37

Trichloroethene

Concen: 138.999 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

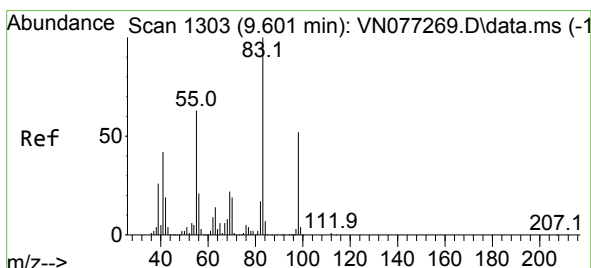
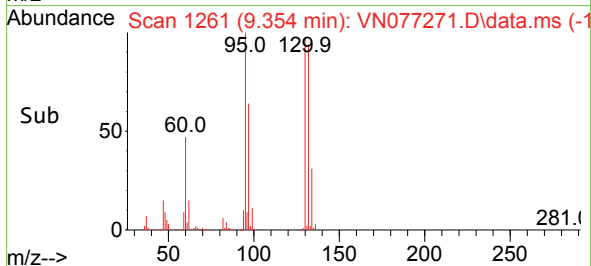
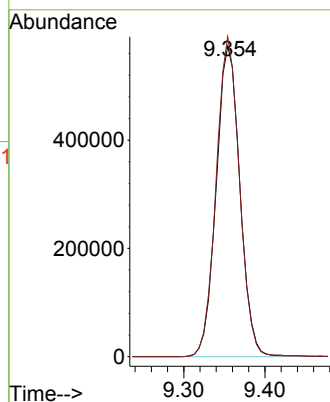
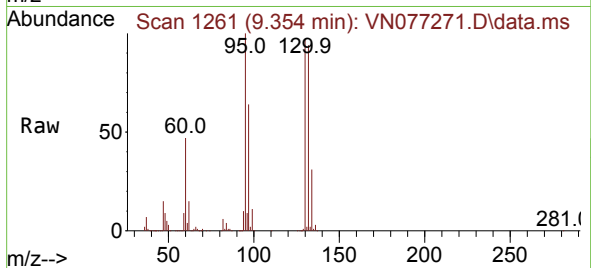
VSTDIC150

Tgt Ion:130 Resp: 1162284

Ion Ratio Lower Upper

130 100

95 103.1 77.5 116.3



#38

Methylcyclohexane

Concen: 140.486 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

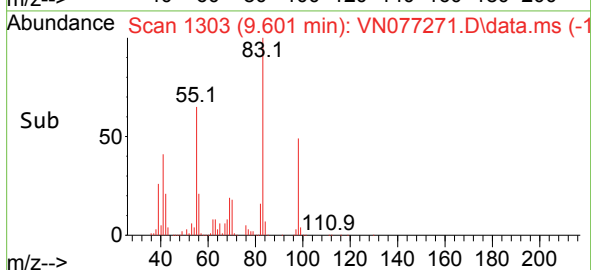
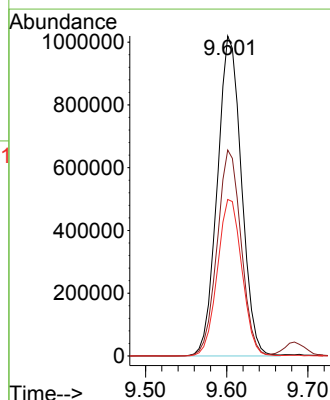
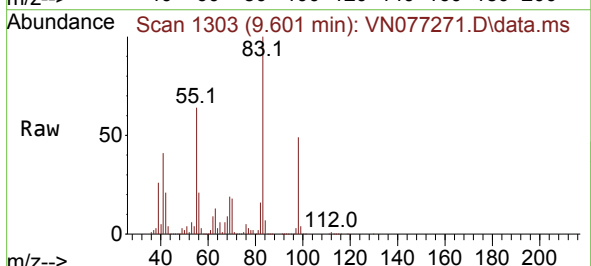
Tgt Ion: 83 Resp: 2105135

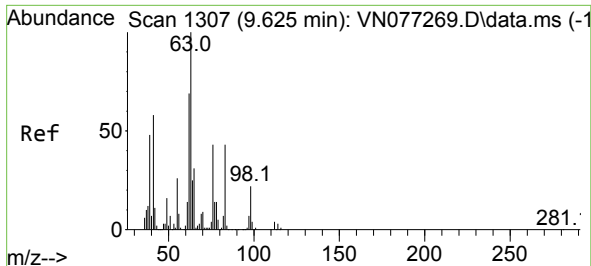
Ion Ratio Lower Upper

83 100

55 63.9 32.0 96.2

98 49.8 25.3 75.9





#39

1,2-Dichloropropane

Concen: 137.585 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

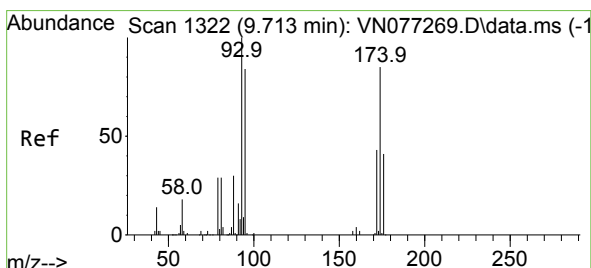
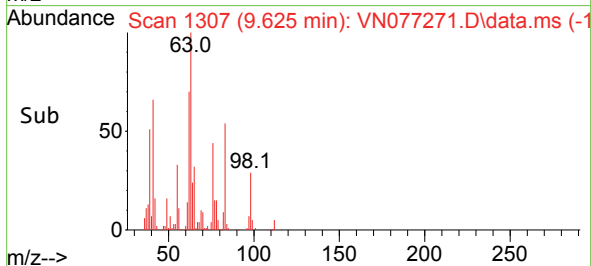
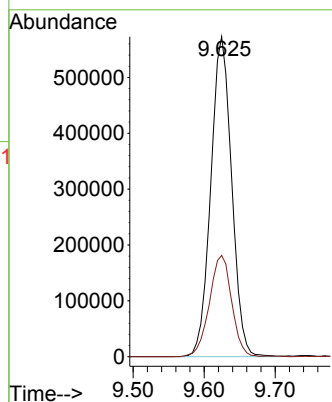
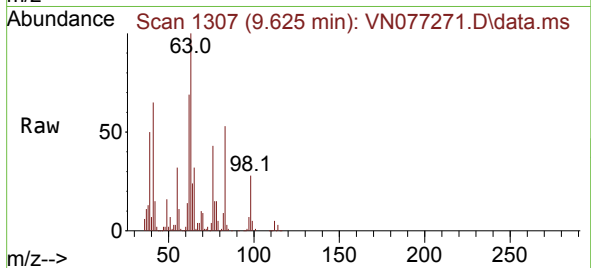
VSTDIC150

Tgt Ion: 63 Resp: 1167594

Ion Ratio Lower Upper

63 100

65 31.6 24.8 37.2



#40

Dibromomethane

Concen: 139.667 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

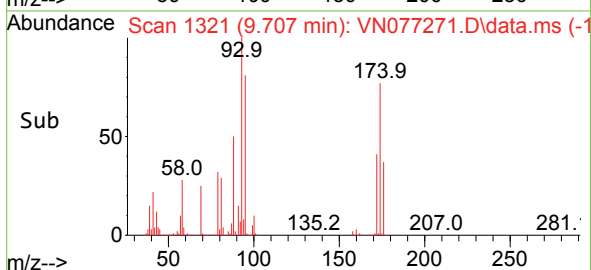
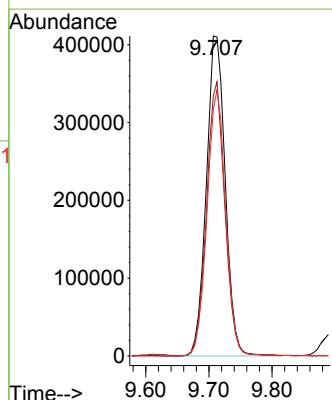
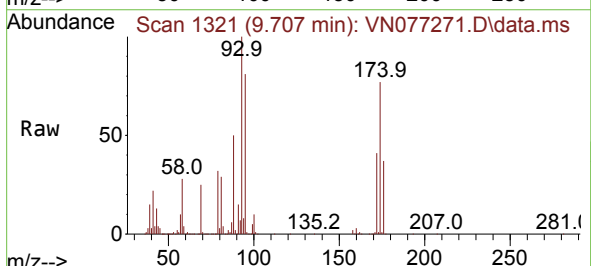
Tgt Ion: 93 Resp: 854004

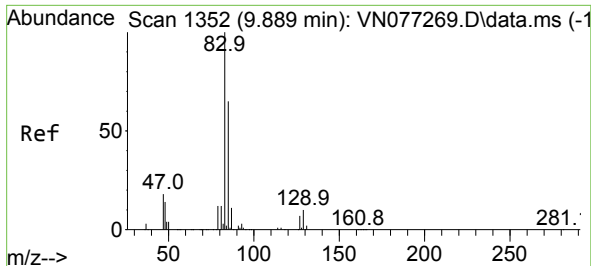
Ion Ratio Lower Upper

93 100

95 83.2 0.0 166.4

174 82.1 0.0 164.8

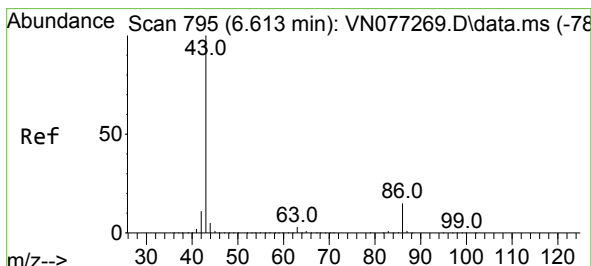
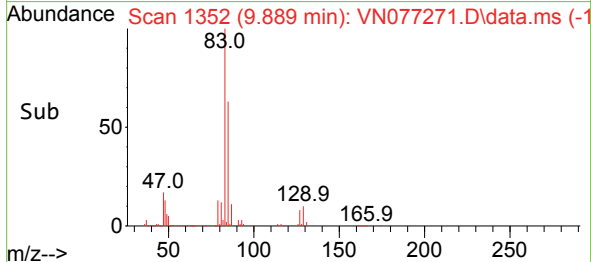
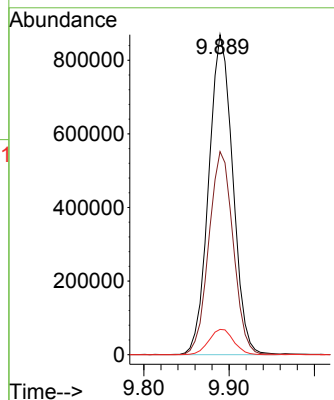
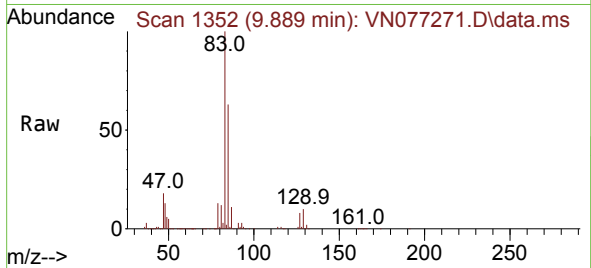




#41
Bromodichloromethane
Concen: 139.624 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

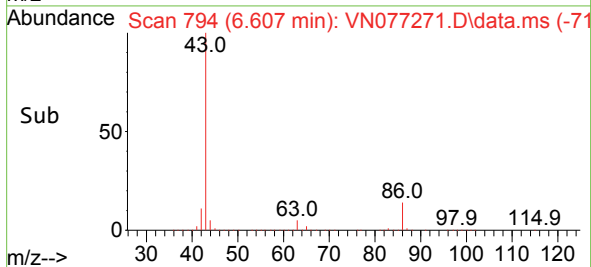
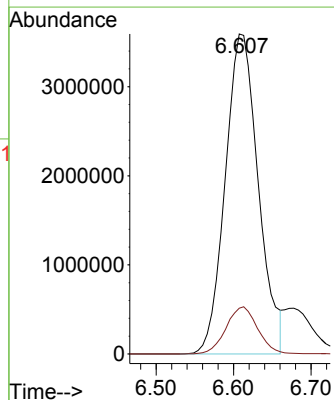
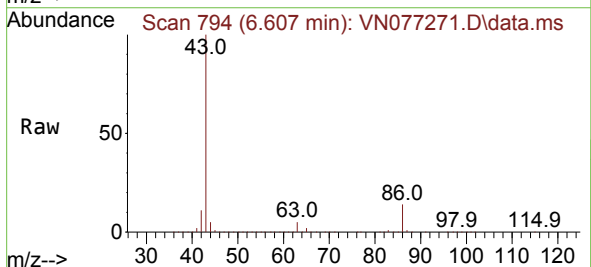
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

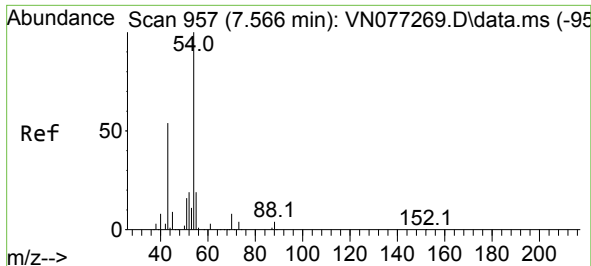
Tgt Ion: 83 Resp: 1702370
Ion Ratio Lower Upper
83 100
85 63.4 52.3 78.5
127 7.9 5.9 8.9



#42
Vinyl Acetate
Concen: 705.373 ug/l
RT: 6.607 min Scan# 794
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 43 Resp: 10666082
Ion Ratio Lower Upper
43 100
86 14.2 0.0 0.0#

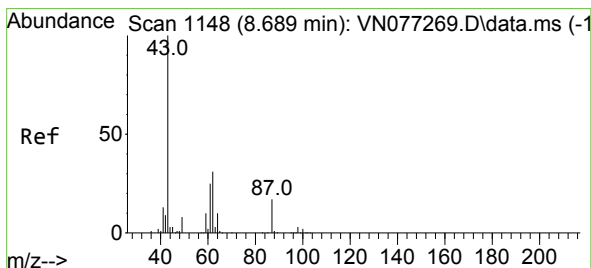
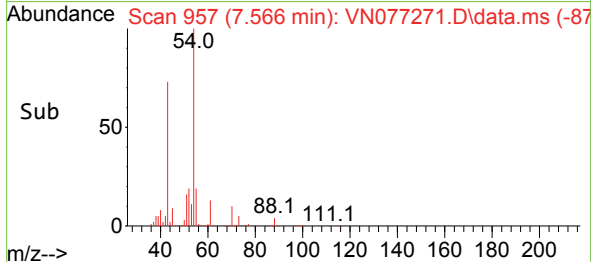
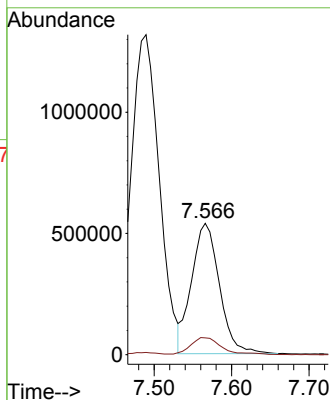
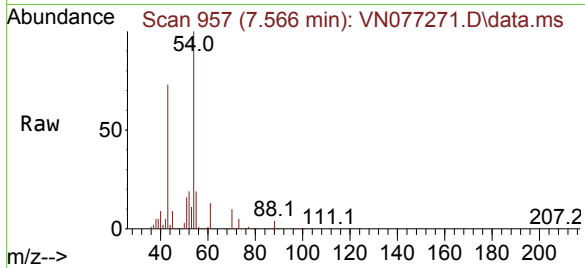




#43
Ethyl Acetate
Concen: 138.690 ug/l
RT: 7.566 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

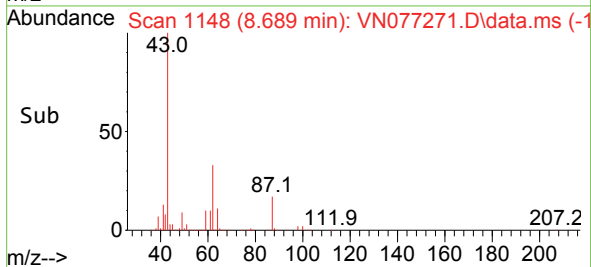
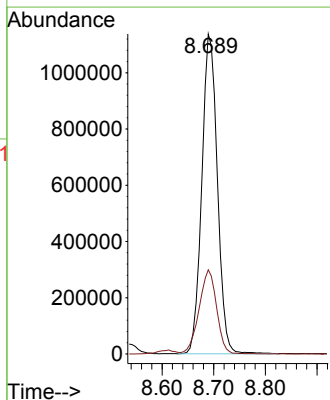
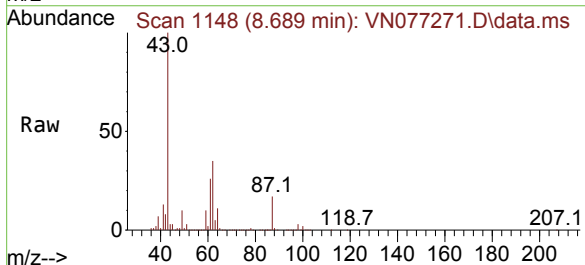
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

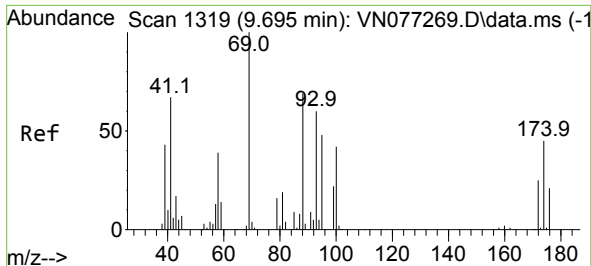
Tgt Ion: 43 Resp: 1340606
Ion Ratio Lower Upper
43 100
45 14.4 12.3 18.5



#44
Isopropyl Acetate
Concen: 137.355 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 43 Resp: 2377240
Ion Ratio Lower Upper
43 100
61 29.2 0.0 0.0#

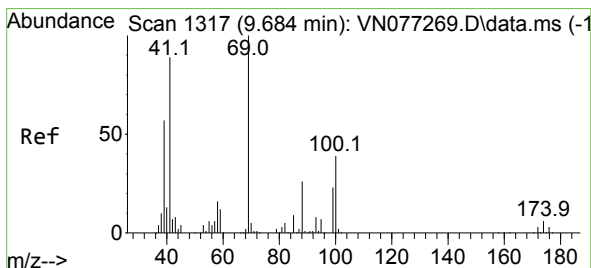
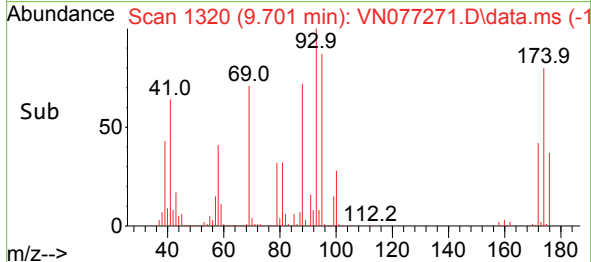
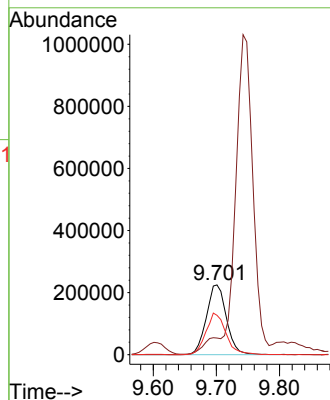
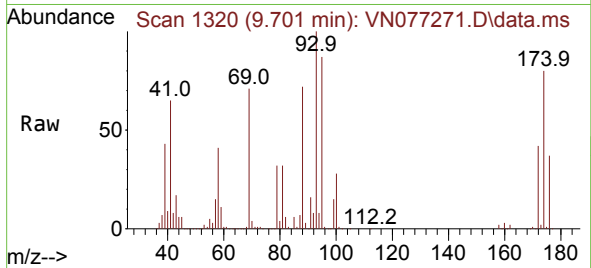




#45
1,4-Dioxane
Concen: 2710.484 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

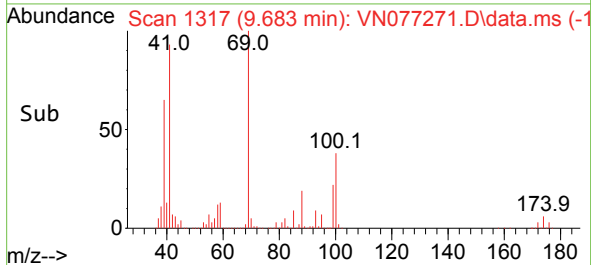
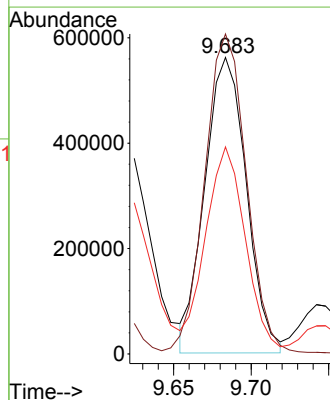
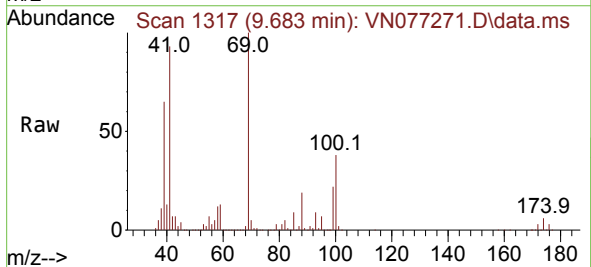
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

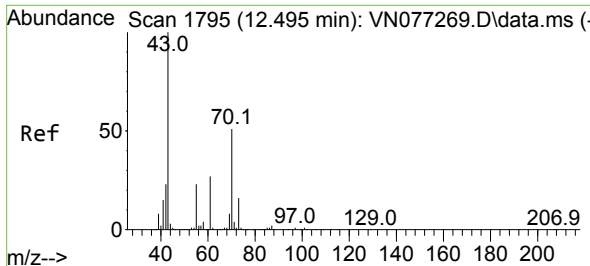
Tgt Ion: 88 Resp: 494741
Ion Ratio Lower Upper
88 100
43 20.7 17.4 26.0
58 59.6 48.2 72.4



#46
Methyl methacrylate
Concen: 140.432 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 41 Resp: 1046435
Ion Ratio Lower Upper
41 100
69 109.5 54.5 163.5
39 70.3 33.4 100.2

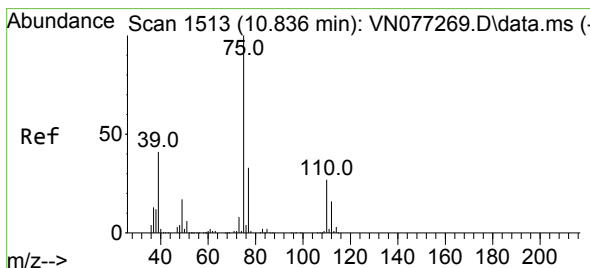
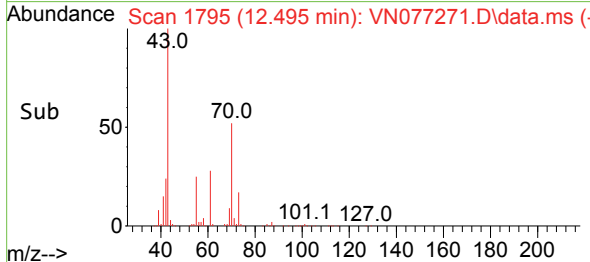
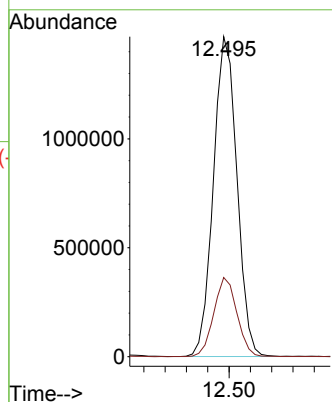
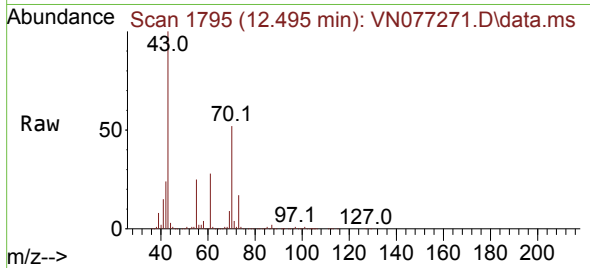




#47
n-amyl acetate
Concen: 148.900 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

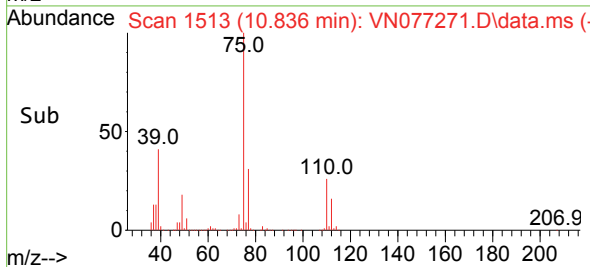
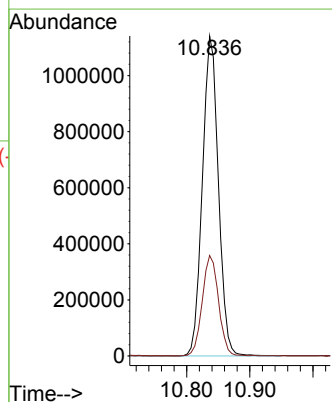
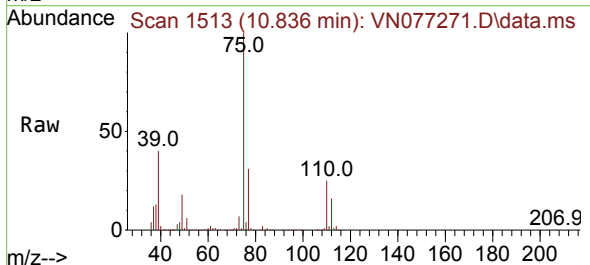
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

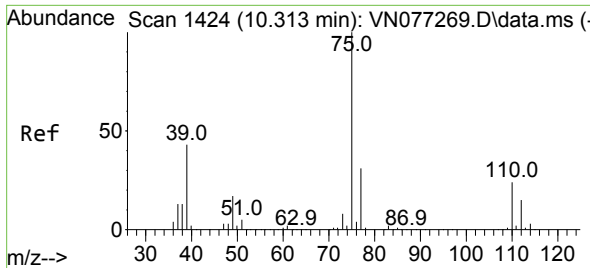
Tgt Ion: 43 Resp: 2252101
Ion Ratio Lower Upper
43 100
55 24.3 19.4 29.0



#48
t-1,3-Dichloropropene
Concen: 147.177 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 75 Resp: 2008290
Ion Ratio Lower Upper
75 100
77 31.3 26.5 39.7

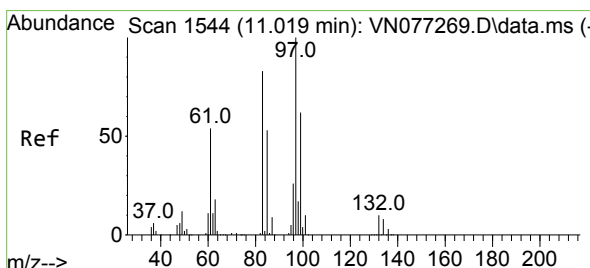
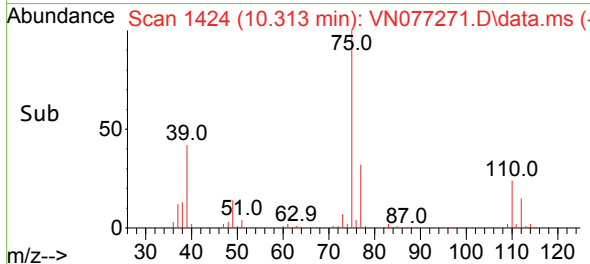
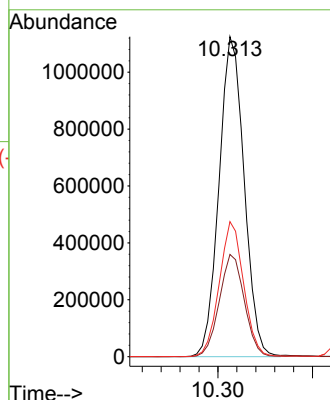
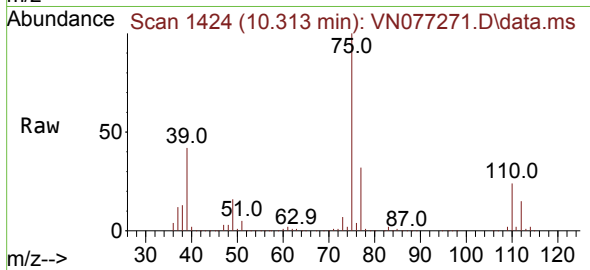




#49
cis-1,3-Dichloropropene
Concen: 142.717 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

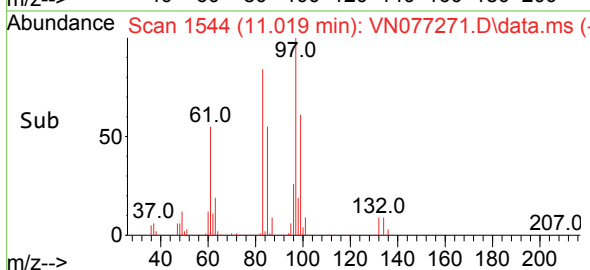
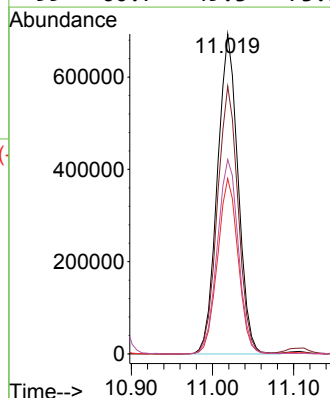
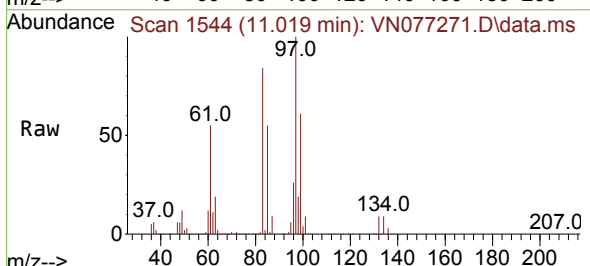
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

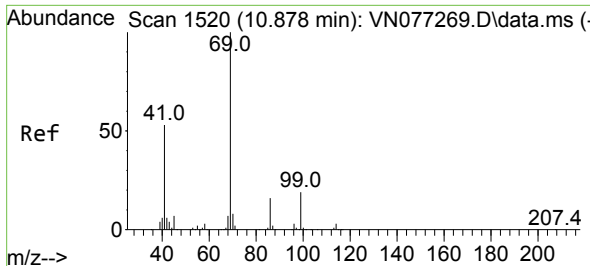
Tgt Ion: 75 Resp: 2071747
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.6
39 42.2 34.4 51.6



#50
1,1,2-Trichloroethane
Concen: 138.353 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 97 Resp: 1228775
Ion Ratio Lower Upper
97 100
83 83.7 66.7 100.1
85 54.8 42.4 63.6
99 60.7 49.3 73.9

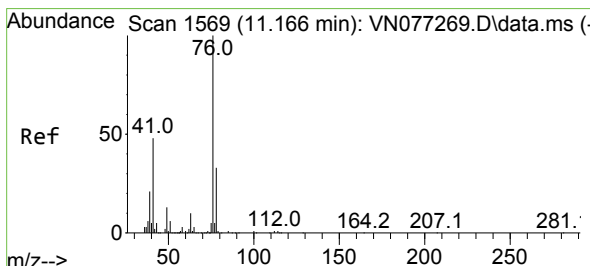
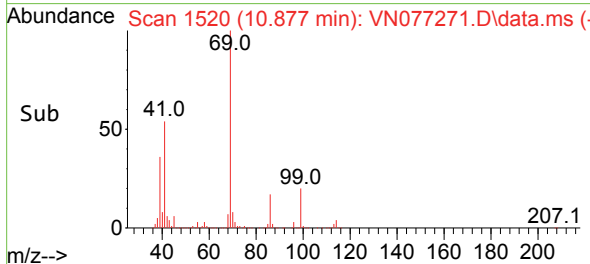
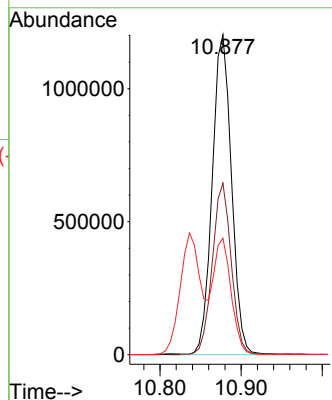
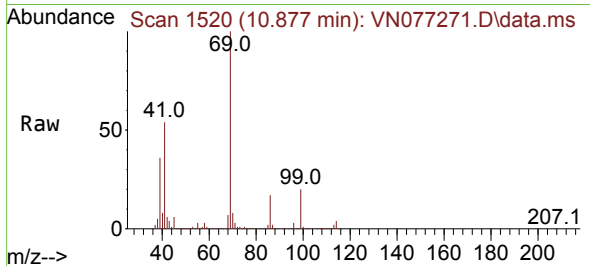




#51
Ethyl methacrylate
Concen: 145.364 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

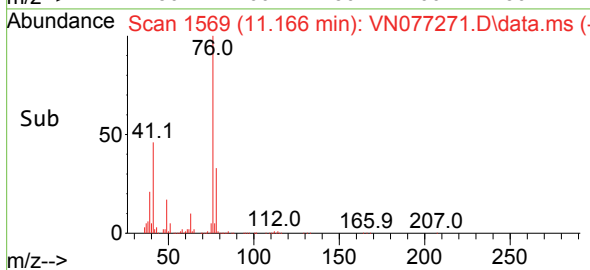
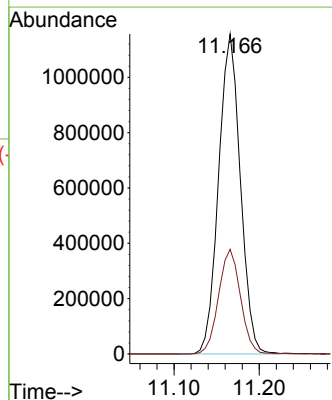
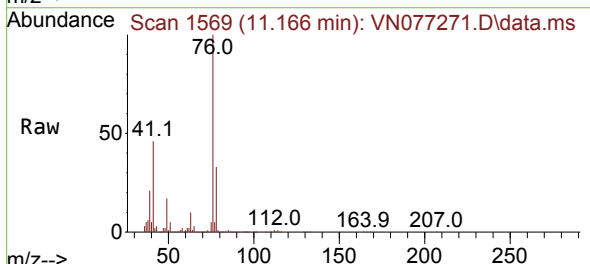
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

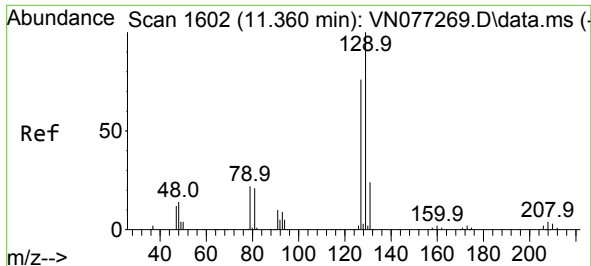
Tgt Ion: 69 Resp: 1982655
Ion Ratio Lower Upper
69 100
41 53.5 26.7 80.0
39 36.2 17.0 50.9



#52
1,3-Dichloropropane
Concen: 138.465 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 76 Resp: 2052489
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.0

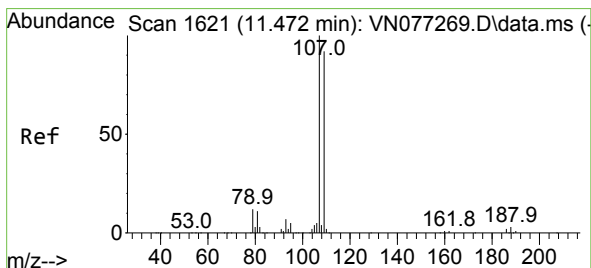
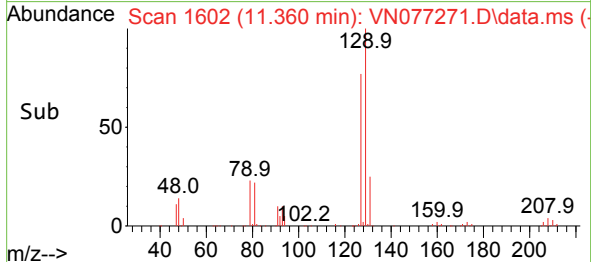
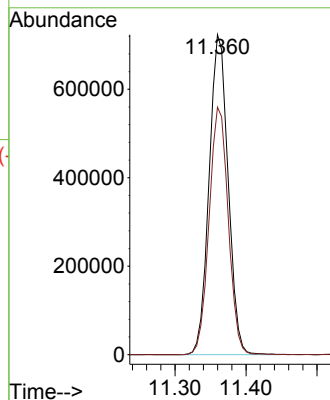
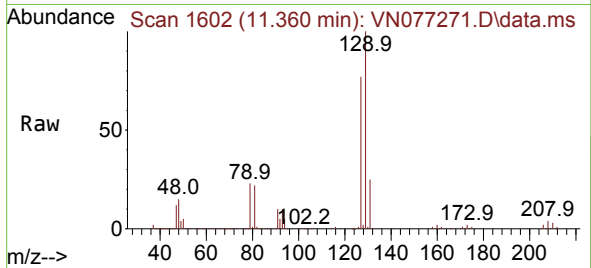




#53
Dibromochloromethane
Concen: 143.419 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

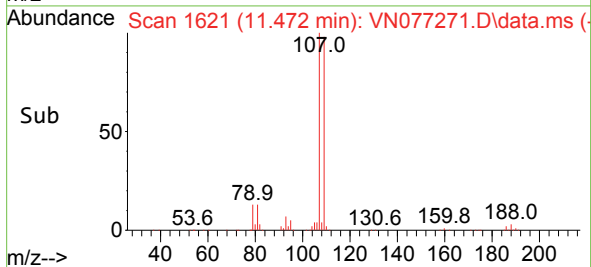
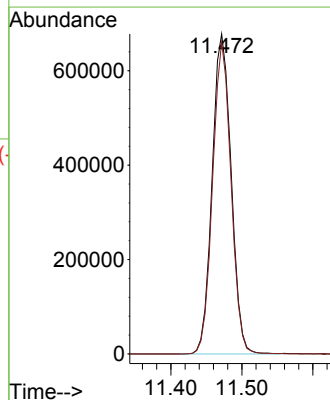
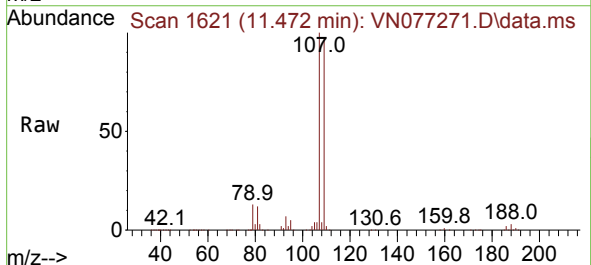
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

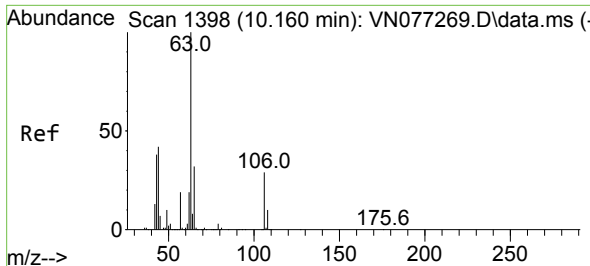
Tgt Ion:129 Resp: 1342517
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8



#54
1,2-Dibromoethane
Concen: 141.142 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion:107 Resp: 1258415
Ion Ratio Lower Upper
107 100
109 94.0 74.1 111.1

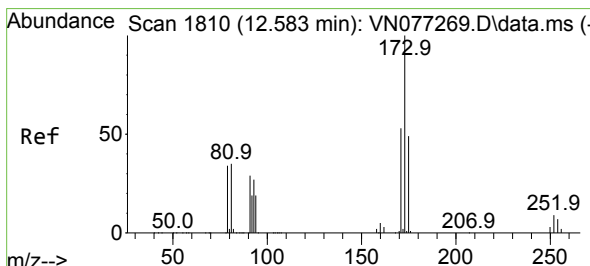
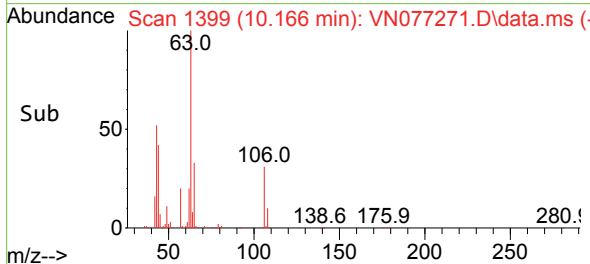
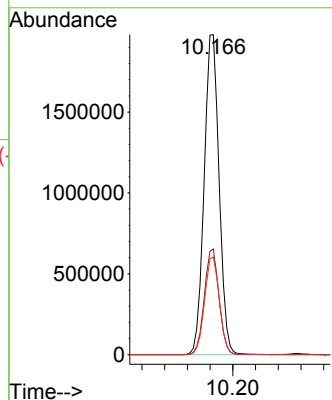
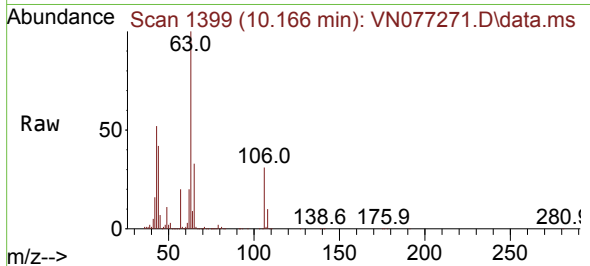




#55
2-Chloroethyl vinyl ether
Concen: 855.687 ug/l
RT: 10.166 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

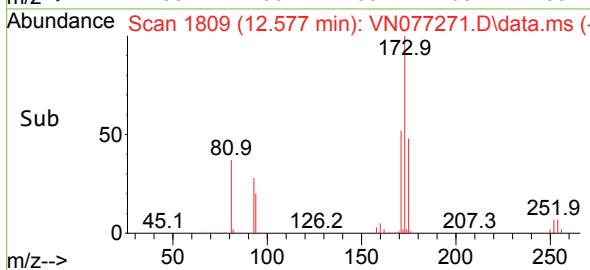
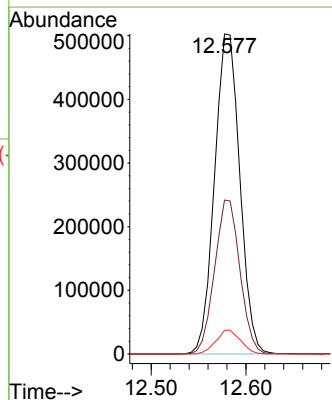
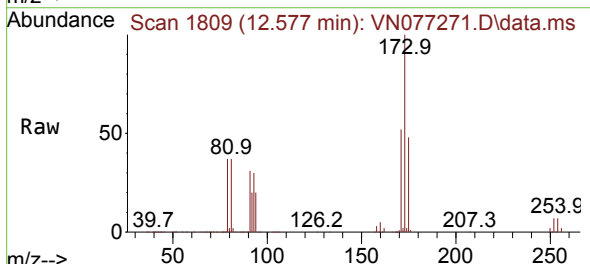
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

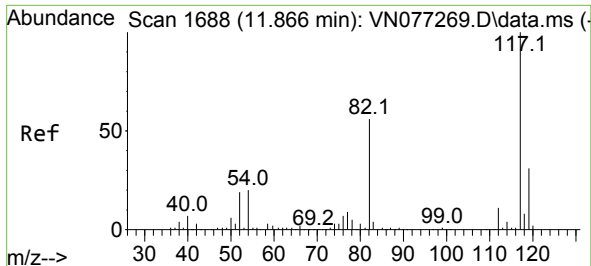
Tgt Ion: 63 Resp: 3603303
Ion Ratio Lower Upper
63 100
65 32.5 25.7 38.5
106 30.3 24.0 36.0



#56
Bromoform
Concen: 148.280 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion:173 Resp: 932385
Ion Ratio Lower Upper
173 100
175 48.2 38.2 57.2
254 7.3 6.0 9.0

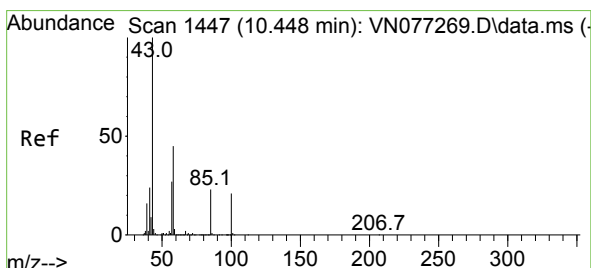
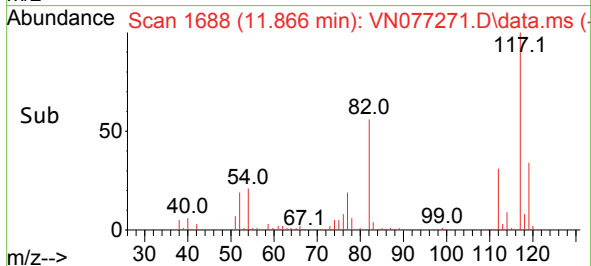
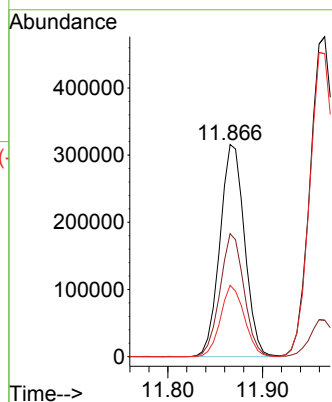
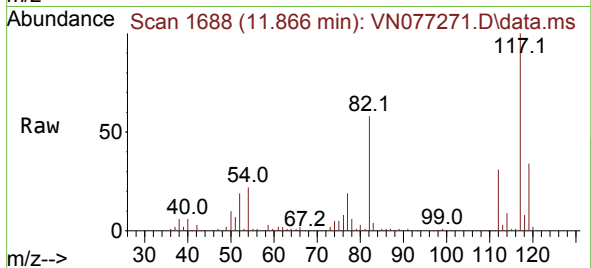




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

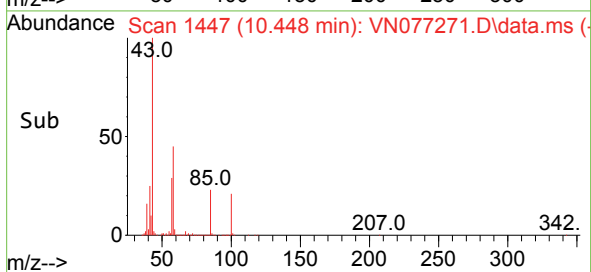
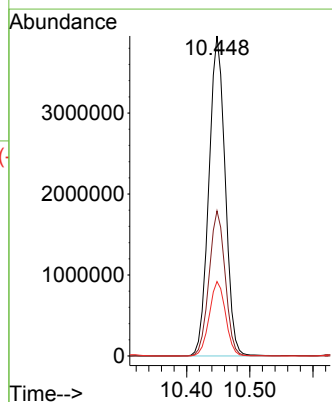
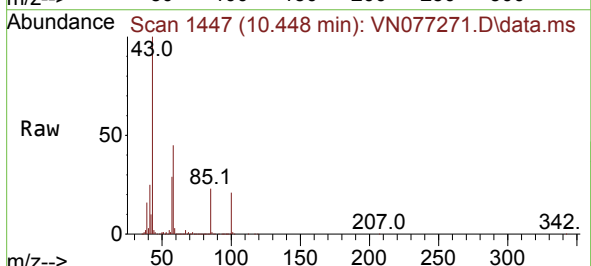
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

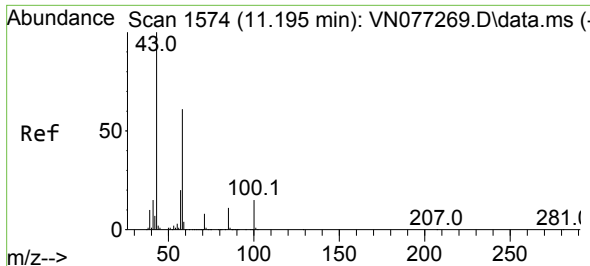
Tgt Ion:117 Resp: 571397
Ion Ratio Lower Upper
117 100
82 56.5 43.8 65.8
119 32.5 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 661.194 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 43 Resp: 7073800
Ion Ratio Lower Upper
43 100
58 45.0 34.7 52.1
85 23.3 17.8 26.8

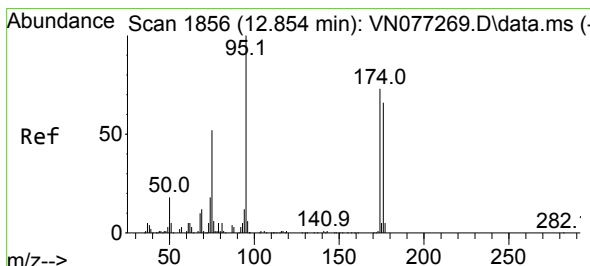
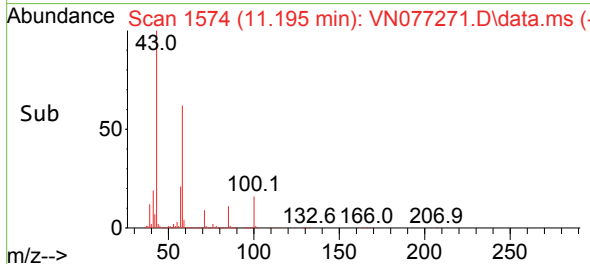
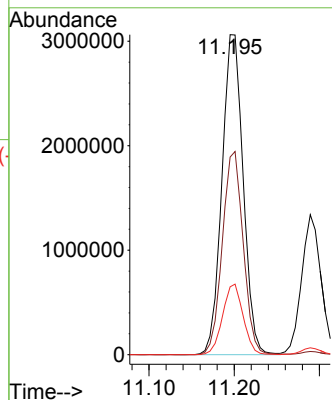
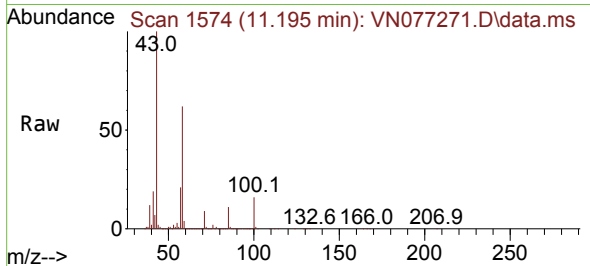




#59
2-Hexanone
Concen: 641.165 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

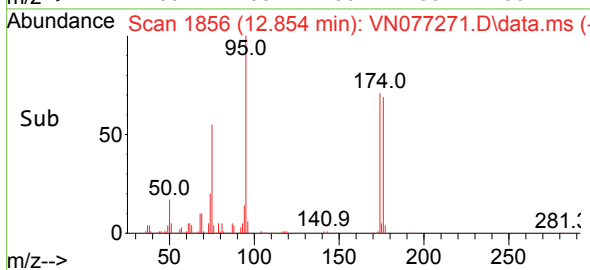
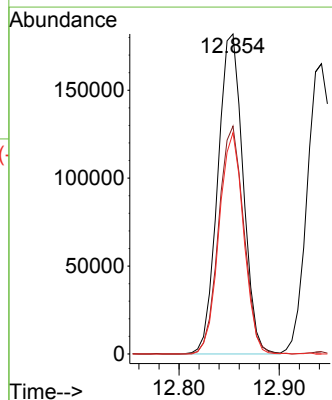
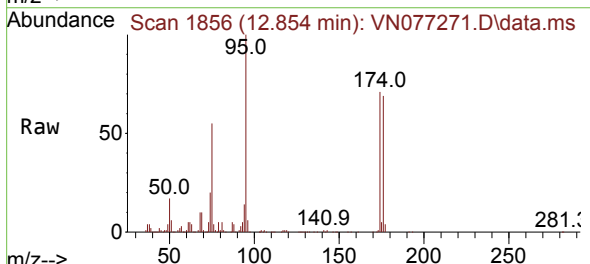
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

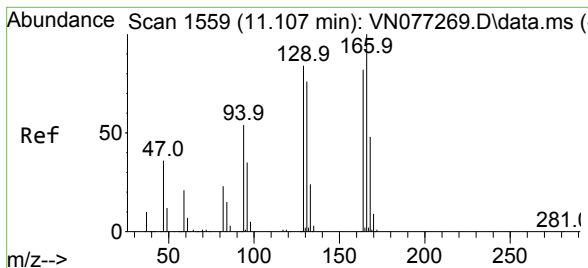
Tgt Ion: 43 Resp: 5302156
Ion Ratio Lower Upper
43 100
58 62.4 48.6 73.0
57 21.4 16.7 25.1



#60
4-Bromofluorobenzene
Concen: 32.229 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 95 Resp: 318428
Ion Ratio Lower Upper
95 100
174 71.0 57.8 86.8
176 67.0 54.6 81.8





#61

Tetrachloroethene

Concen: 131.873 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. -0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:164 Resp: 896243

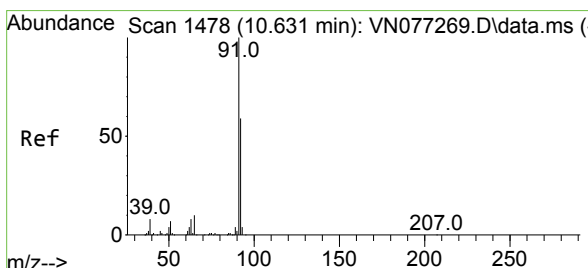
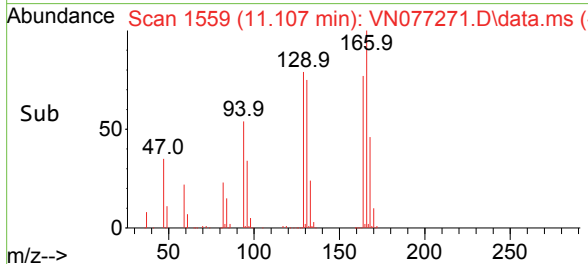
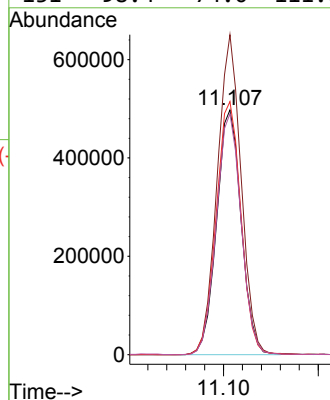
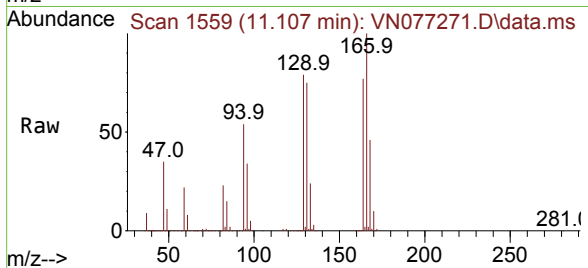
Ion Ratio Lower Upper

164 100

166 130.7 97.9 146.9

129 103.3 82.5 123.7

131 98.4 74.0 111.0



#62

Toluene

Concen: 137.323 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VN077271.D

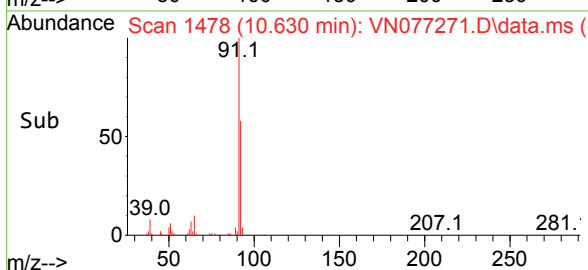
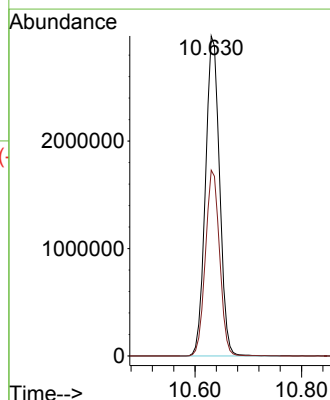
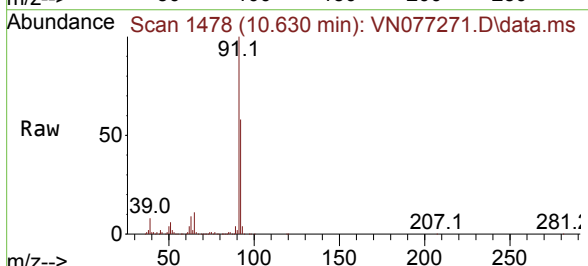
Acq: 07 Apr 2023 11:11

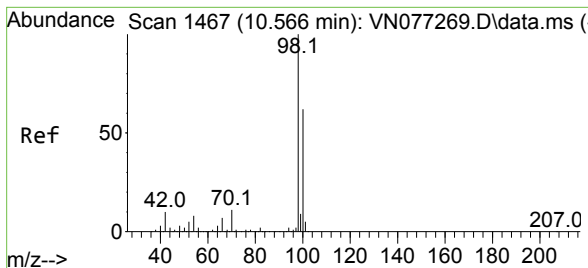
Tgt Ion: 91 Resp: 5474790

Ion Ratio Lower Upper

91 100

92 58.0 46.6 70.0





#63

Toluene-d8

Concen: 29.962 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

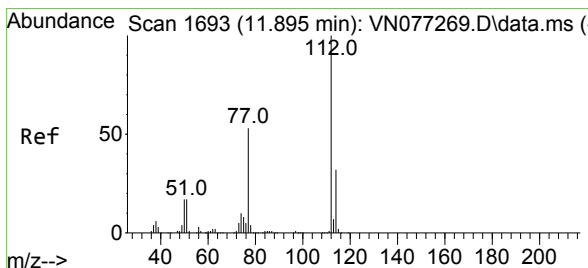
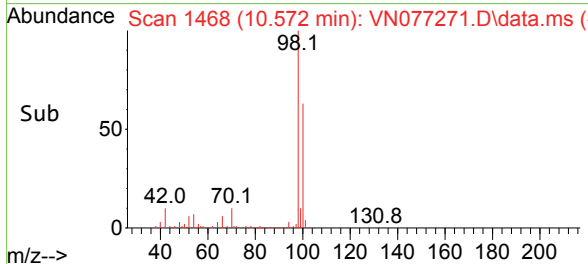
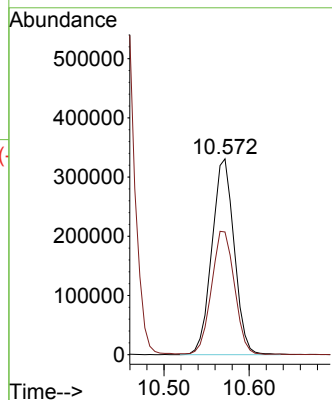
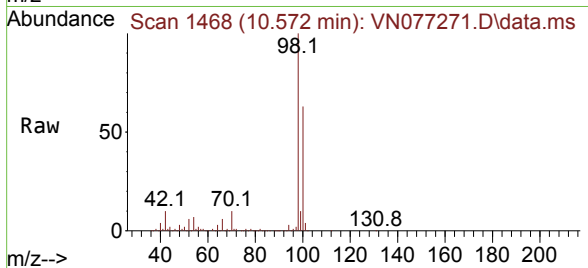
VSTDIC150

Tgt Ion: 98 Resp: 601863

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.2



#64

Chlorobenzene

Concen: 137.518 ug/l

RT: 11.895 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VN077271.D

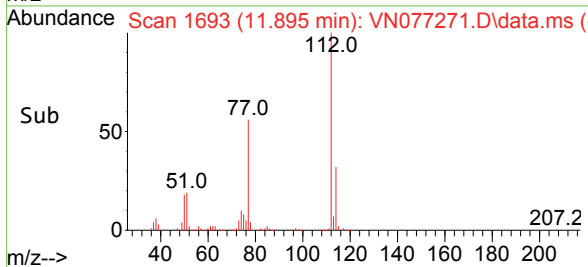
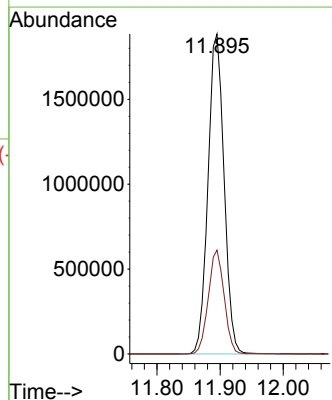
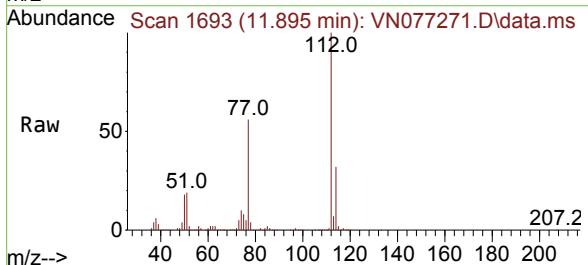
Acq: 07 Apr 2023 11:11

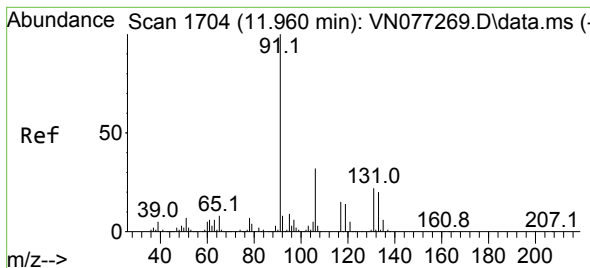
Tgt Ion: 112 Resp: 3330815

Ion Ratio Lower Upper

112 100

114 32.5 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 136.937 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

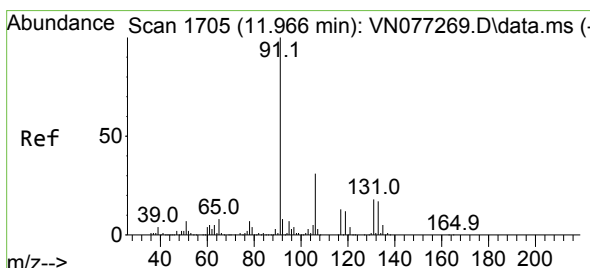
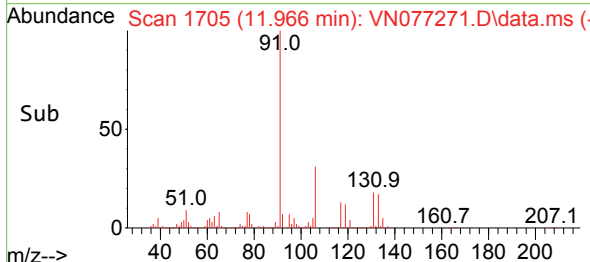
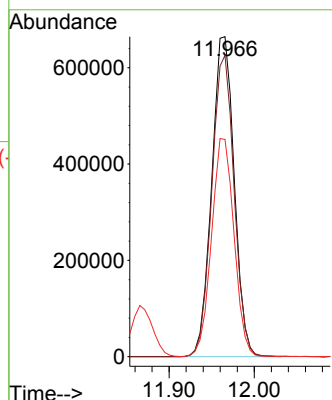
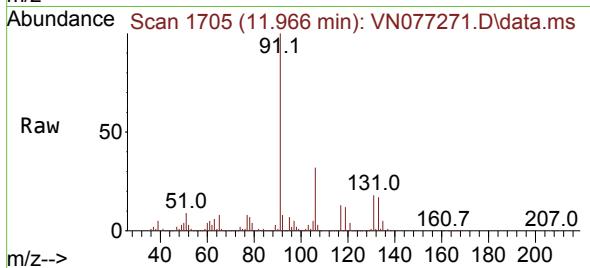
Tgt Ion:131 Resp: 1219664

Ion Ratio Lower Upper

131 100

133 93.5 0.0 184.4

119 68.2 0.0 134.8



#66

Ethyl Benzene

Concen: 140.806 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN077271.D

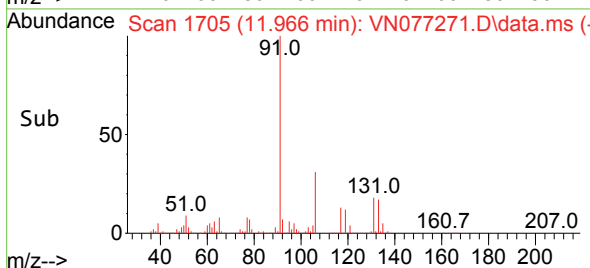
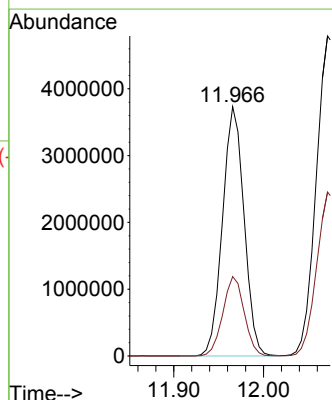
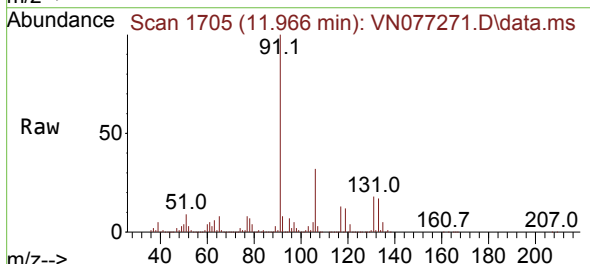
Acq: 07 Apr 2023 11:11

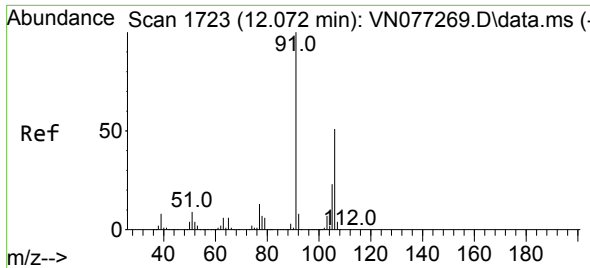
Tgt Ion: 91 Resp: 6219163

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.6

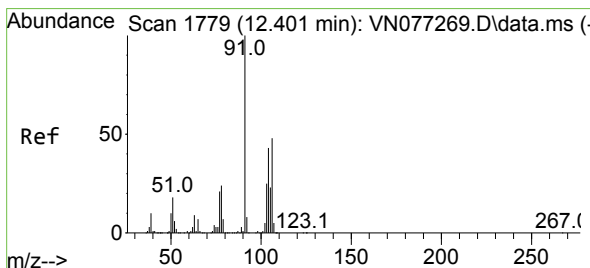
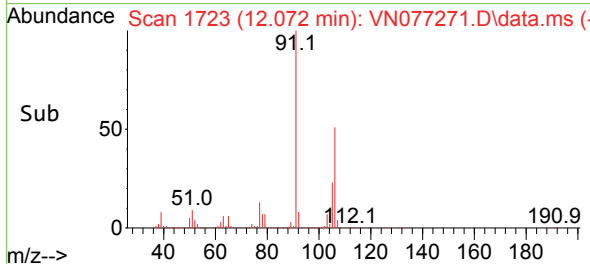
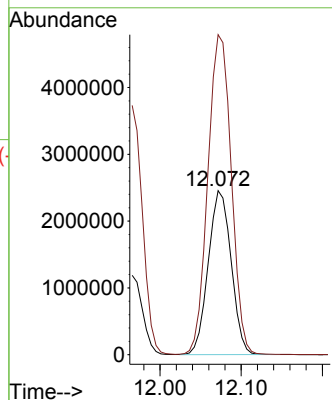
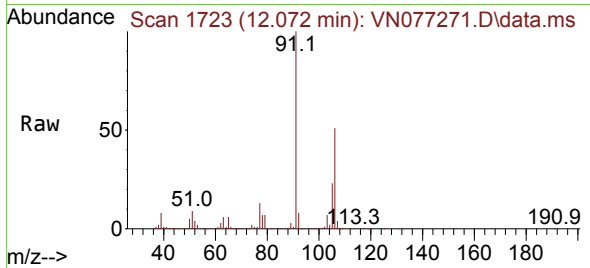




#67
m/p-Xylenes
Concen: 277.737 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

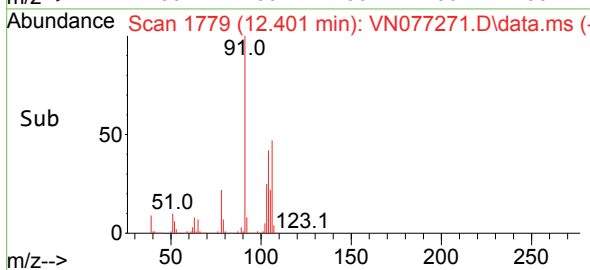
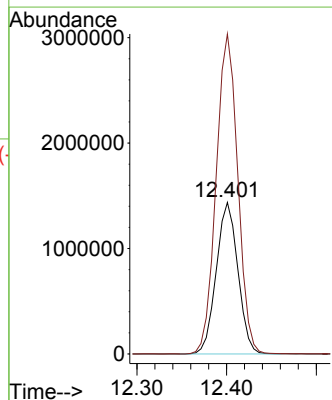
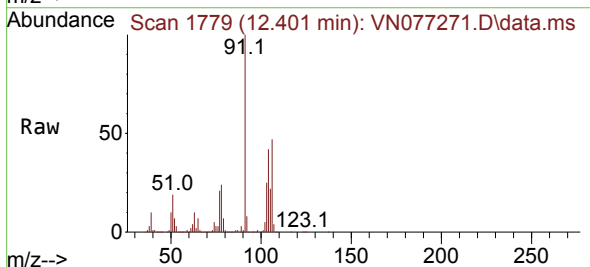
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

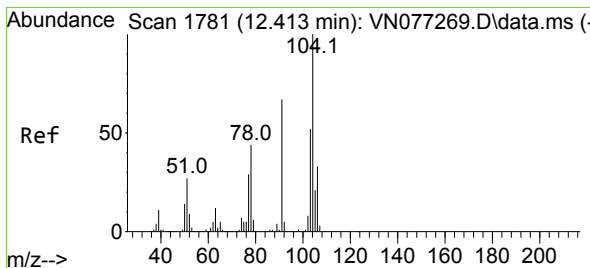
Tgt Ion:106 Resp: 4808345
Ion Ratio Lower Upper
106 100
91 200.0 158.0 237.0



#68
o-Xylene
Concen: 138.882 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion:106 Resp: 2405414
Ion Ratio Lower Upper
106 100
91 211.0 103.6 310.8





#69

Styrene

Concen: 146.385 ug/l

RT: 12.413 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

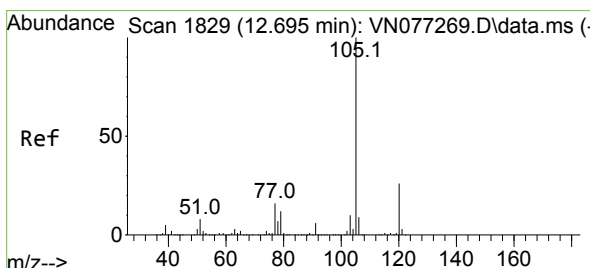
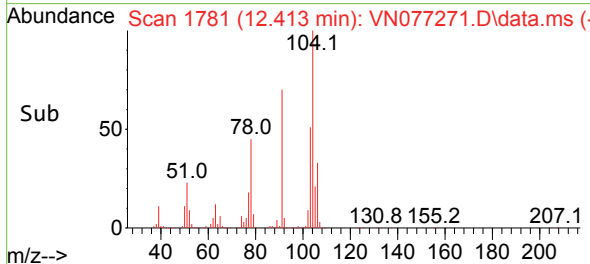
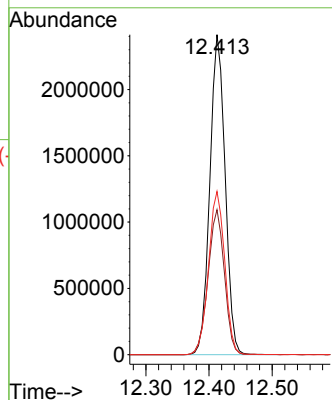
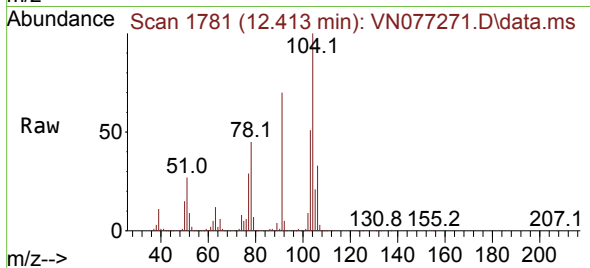
Tgt Ion:104 Resp: 4062020

Ion Ratio Lower Upper

104 100

78 48.3 38.2 57.4

103 54.1 43.6 65.4



#70

Isopropylbenzene

Concen: 142.093 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. -0.000 min

Lab File: VN077271.D

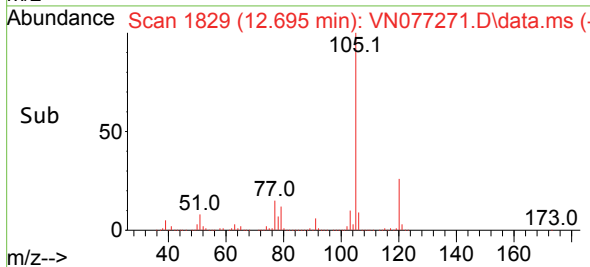
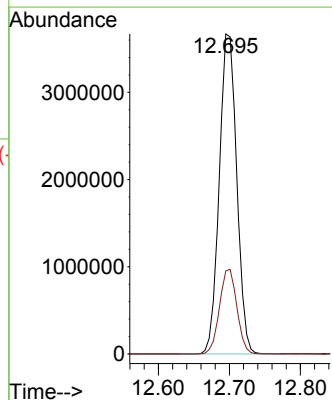
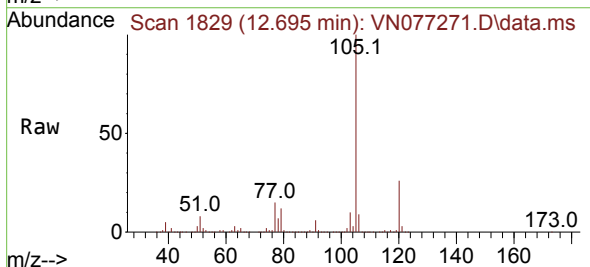
Acq: 07 Apr 2023 11:11

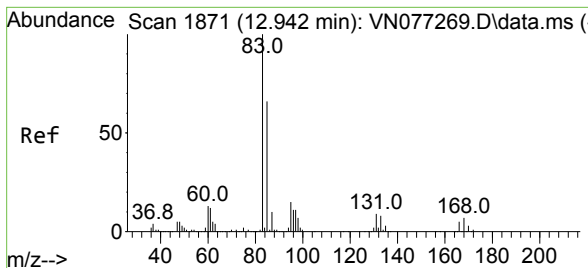
Tgt Ion:105 Resp: 6245761

Ion Ratio Lower Upper

105 100

120 26.3 18.3 34.1

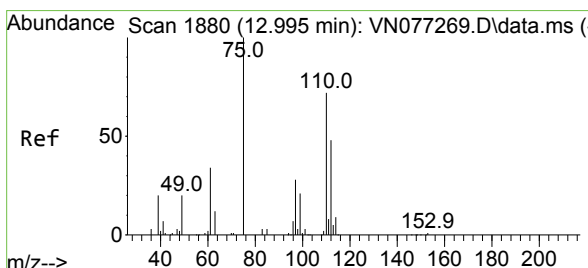
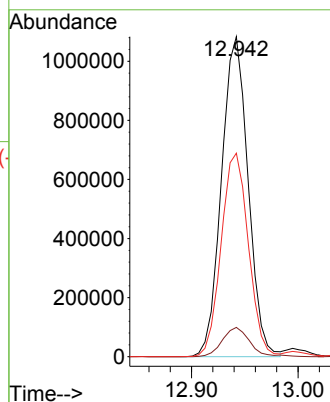
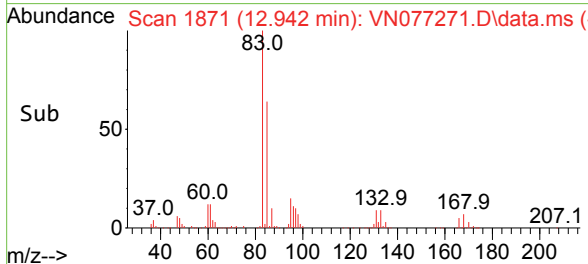
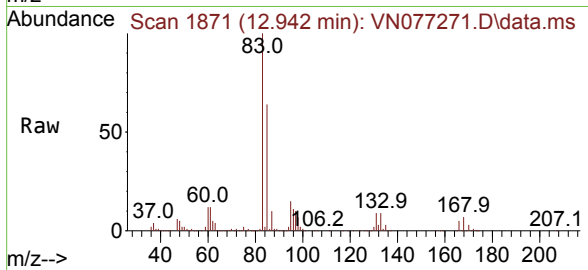




#71
1,1,2,2-Tetrachloroethane
Concen: 139.659 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

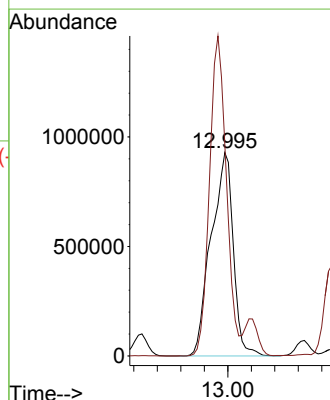
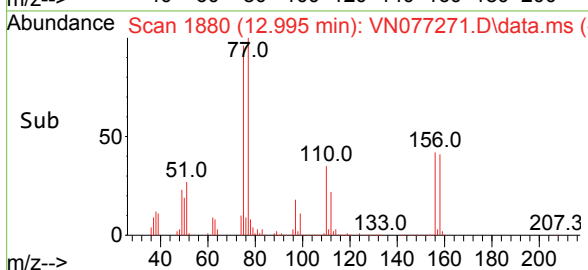
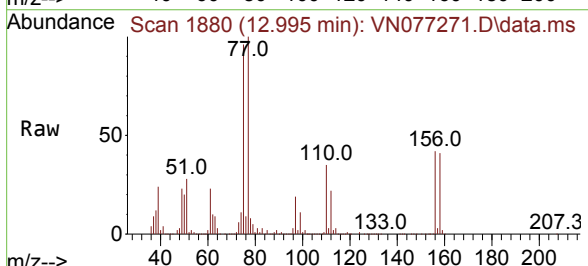
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

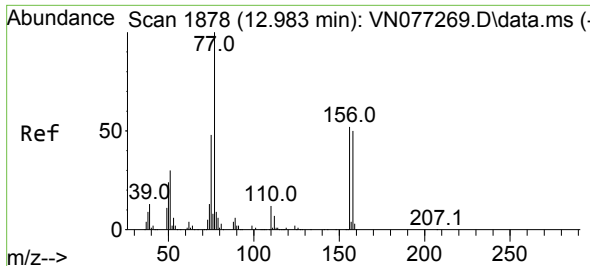
Tgt Ion: 83 Resp: 1879893
Ion Ratio Lower Upper
83 100
131 9.2 4.7 14.0
85 65.0 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 265.719 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 75 Resp: 2431296
Ion Ratio Lower Upper
75 100
77 119.9 0.0 434.2

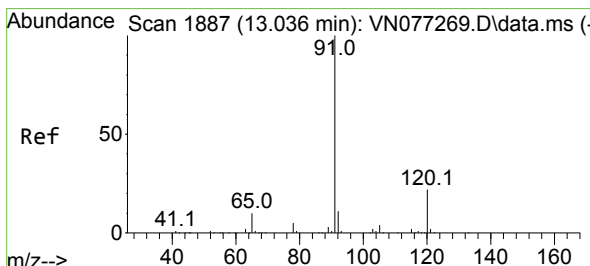
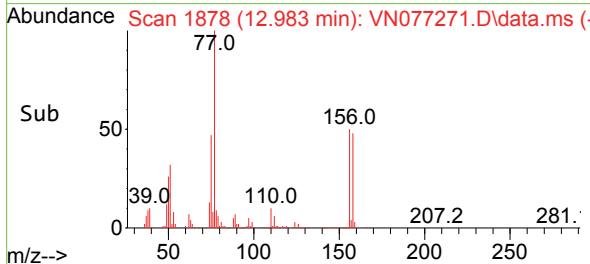
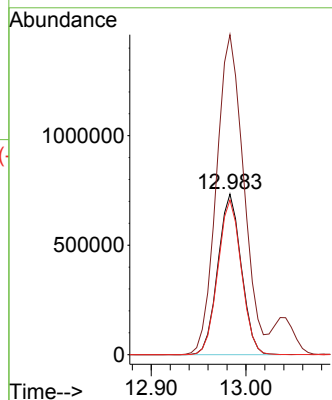
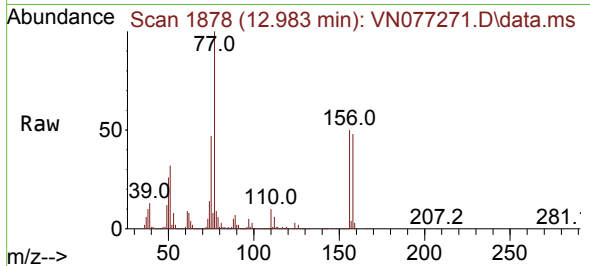




#73
Bromobenzene
Concen: 141.117 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

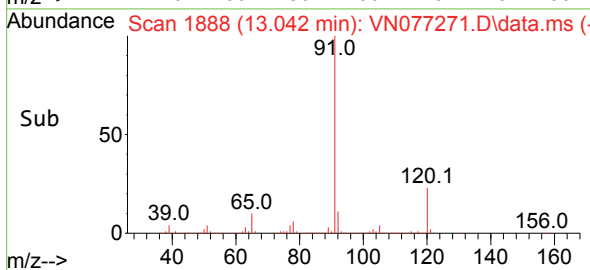
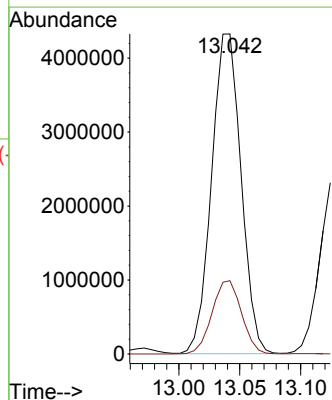
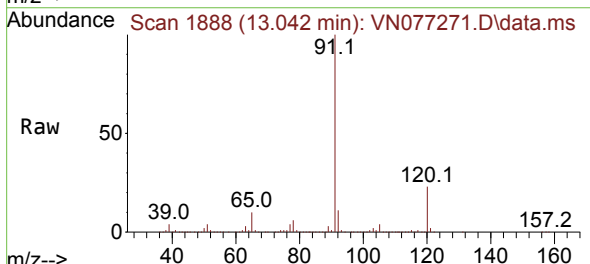
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

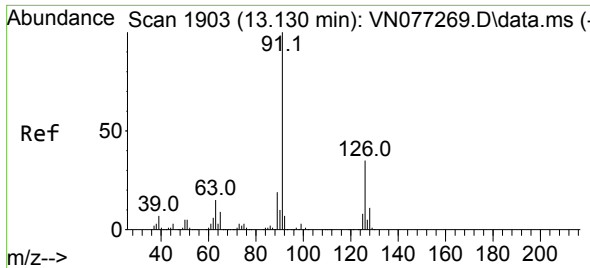
Tgt Ion:156 Resp: 1260226
Ion Ratio Lower Upper
156 100
77 231.3 0.0 456.6
158 96.6 0.0 195.6



#74
n-propylbenzene
Concen: 149.829 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 91 Resp: 7286628
Ion Ratio Lower Upper
91 100
120 22.9 0.0 45.6

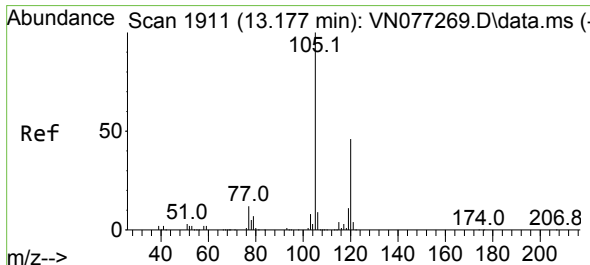
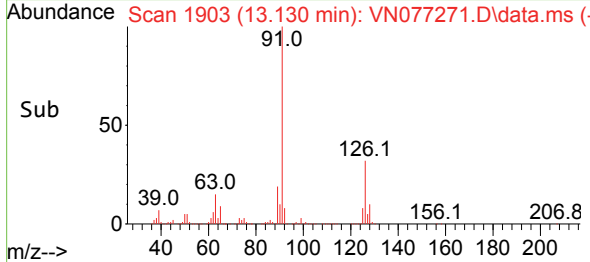
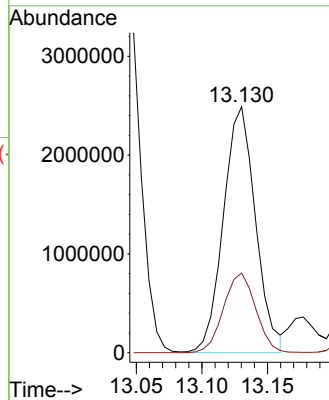
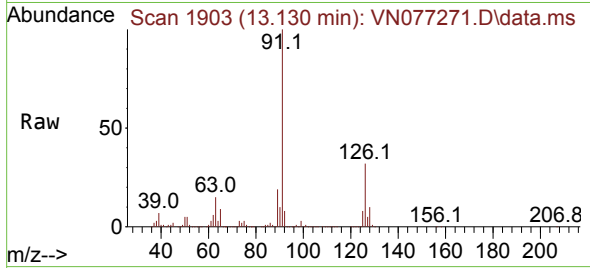




#75
2-Chlorotoluene
Concen: 145.867 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

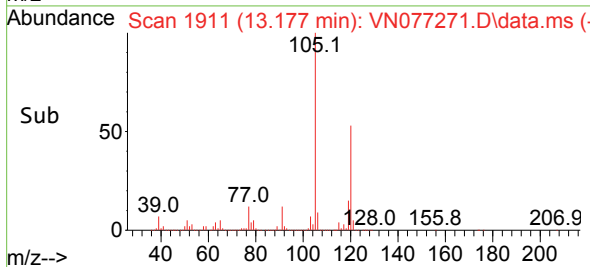
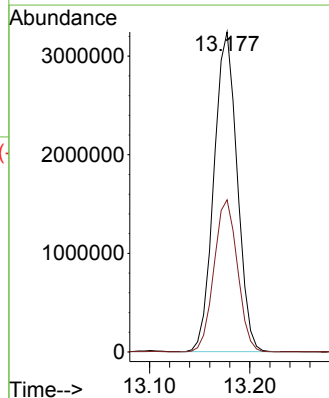
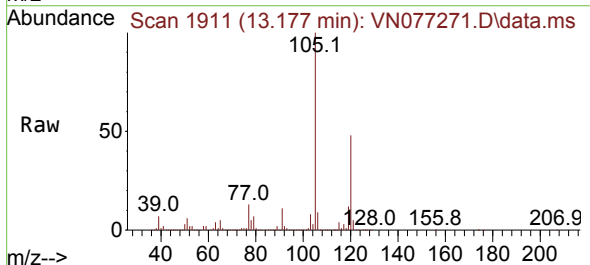
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

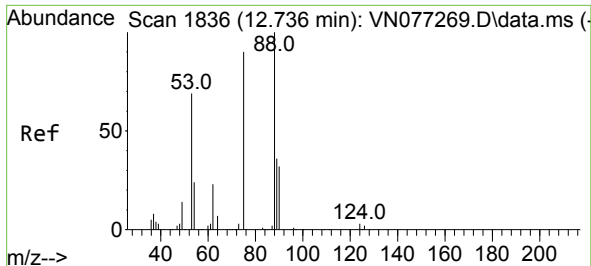
Tgt Ion: 91 Resp: 4249757
Ion Ratio Lower Upper
91 100
126 32.3 0.0 67.0



#76
1,3,5-Trimethylbenzene
Concen: 145.647 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion:105 Resp: 5210551
Ion Ratio Lower Upper
105 100
120 48.1 0.0 94.4

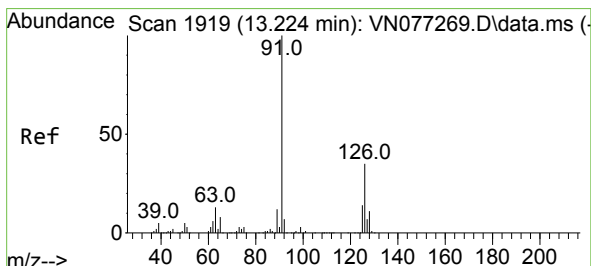
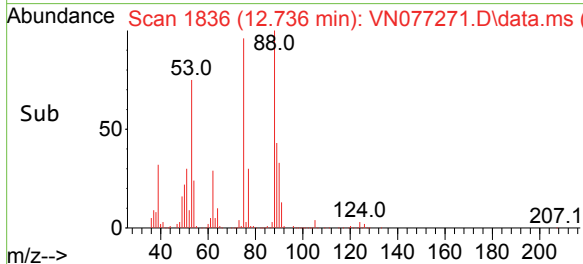
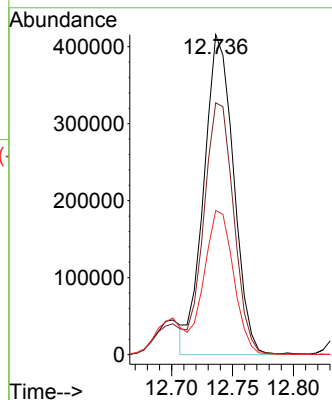
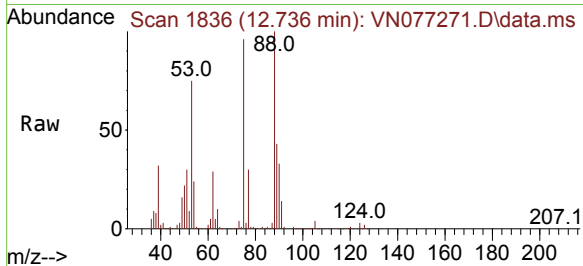




#77
t-1,4-Dichloro-2-butene
Concen: 151.372 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

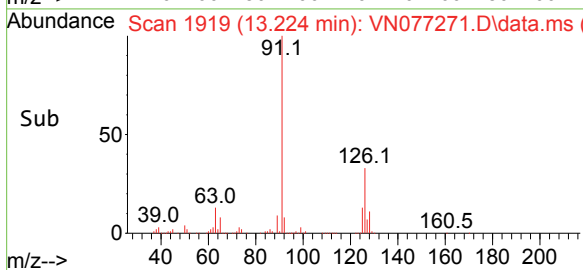
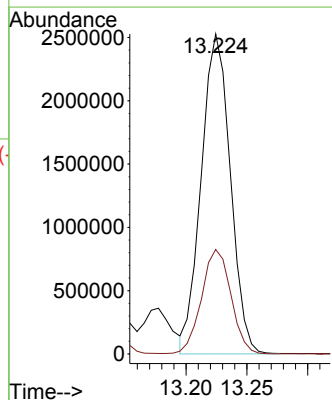
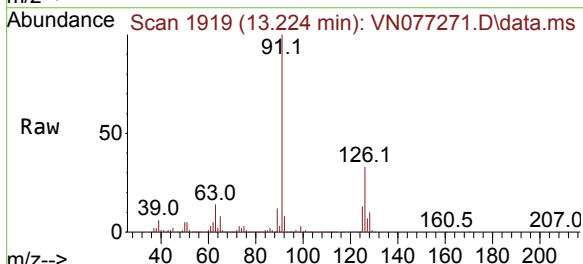
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

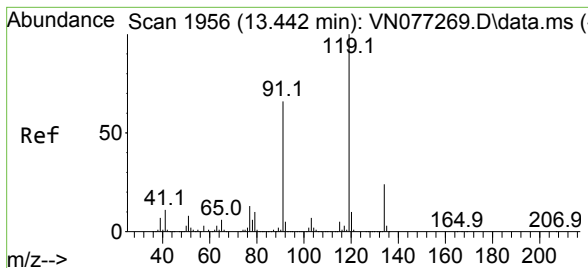
Tgt Ion: 75 Resp: 705478
Ion Ratio Lower Upper
75 100
53 78.6 38.8 116.4
89 45.0 23.2 69.6



#78
4-Chlorotoluene
Concen: 152.759 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 91 Resp: 4205289
Ion Ratio Lower Upper
91 100
126 33.1 0.0 67.4

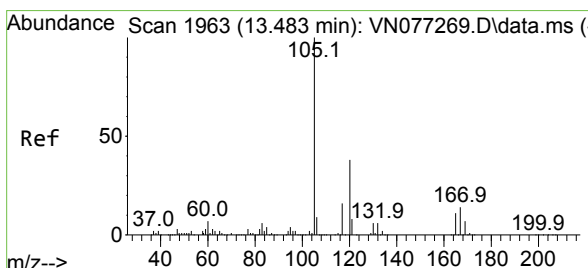
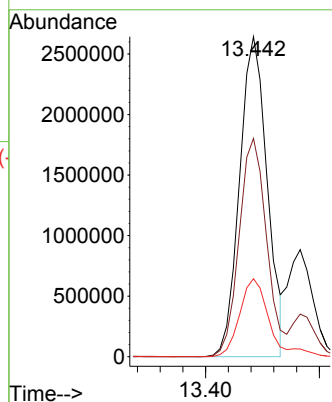
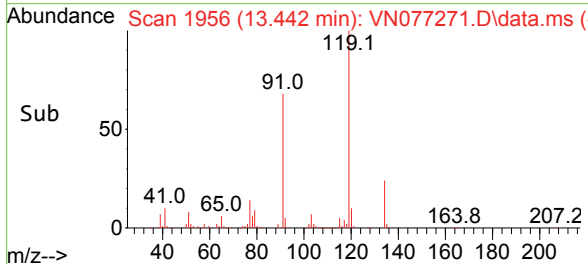
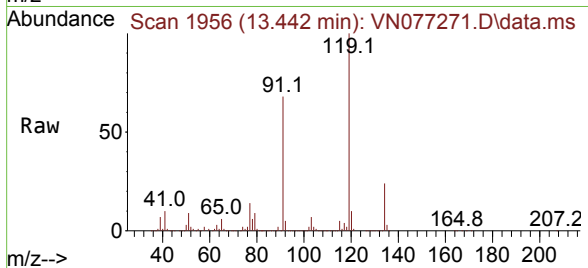




#79
tert-butylbenzene
Concen: 143.409 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

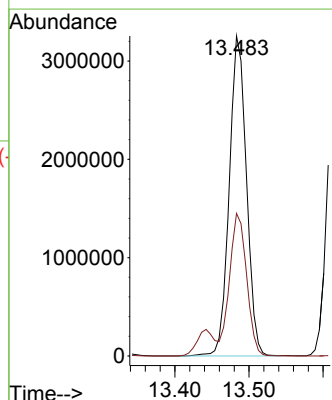
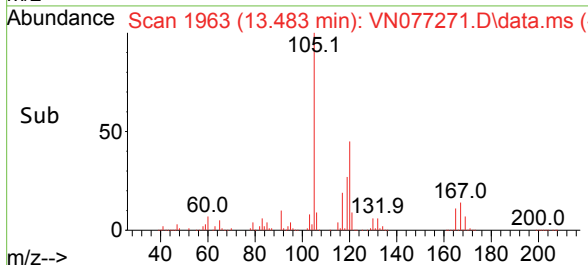
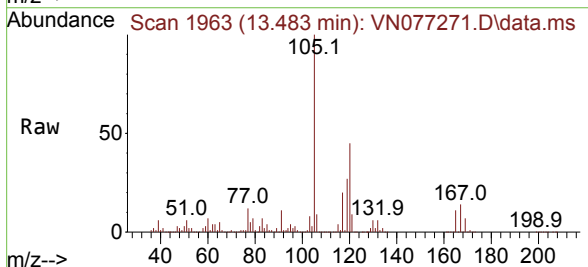
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

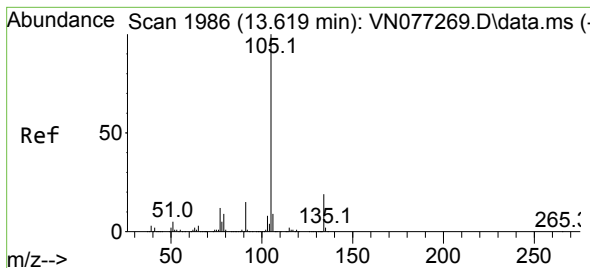
Tgt Ion:119 Resp: 4465086
Ion Ratio Lower Upper
119 100
91 68.3 0.0 131.0
134 24.4 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 150.182 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion:105 Resp: 5237454
Ion Ratio Lower Upper
105 100
120 44.0 0.0 91.0





#81

sec-Butylbenzene

Concen: 149.949 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

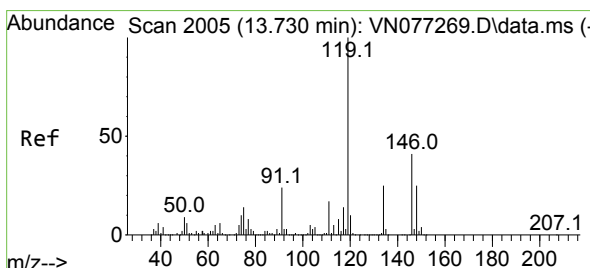
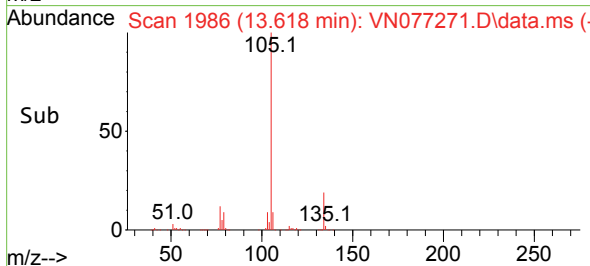
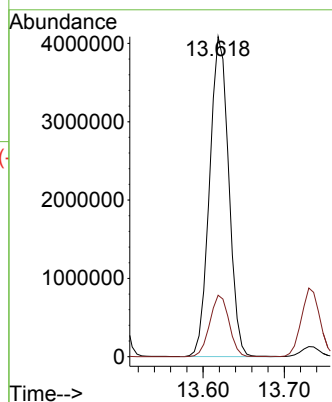
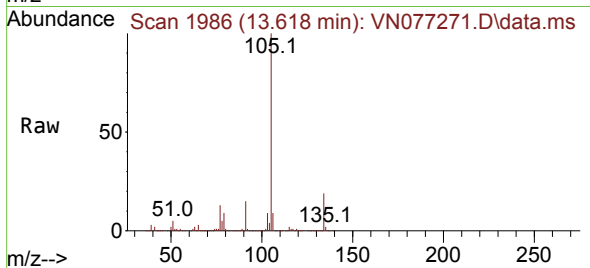
VSTDIC150

Tgt Ion:105 Resp: 6667764

Ion Ratio Lower Upper

105 100

134 19.4 0.0 38.6



#82

p-Isopropyltoluene

Concen: 154.420 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

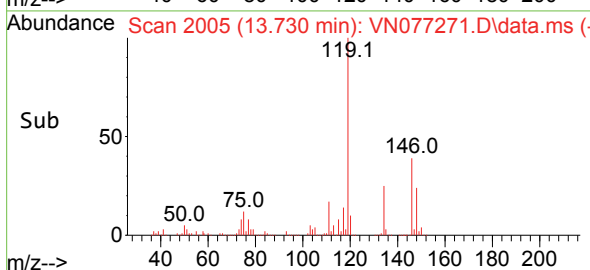
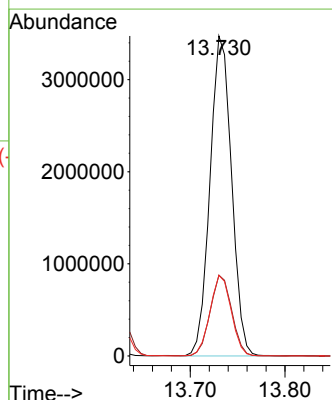
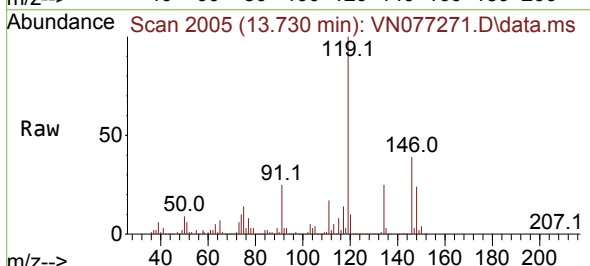
Tgt Ion:119 Resp: 5501219

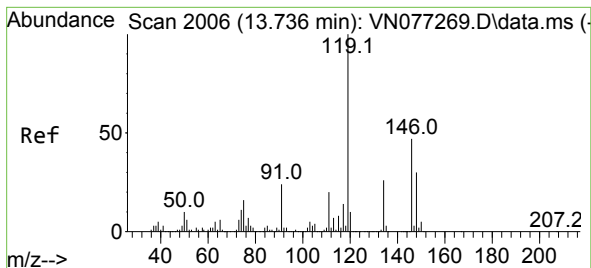
Ion Ratio Lower Upper

119 100

134 25.2 0.0 51.0

91 24.7 0.0 48.0





#83

1,3-Dichlorobenzene

Concen: 151.139 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

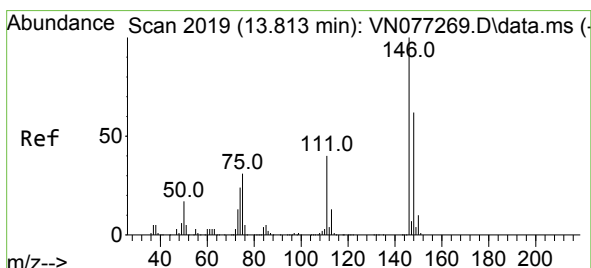
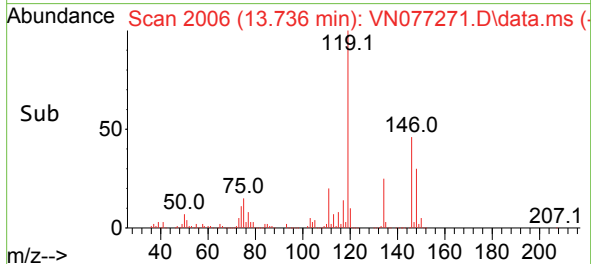
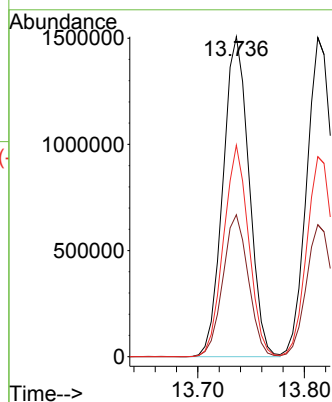
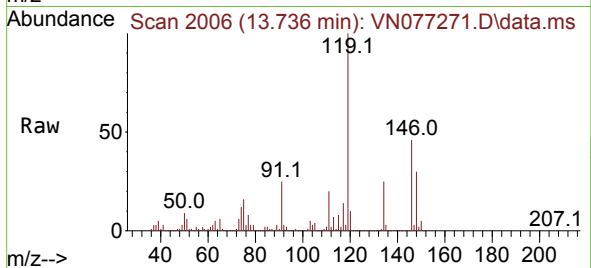
Tgt Ion:146 Resp: 2559087

Ion Ratio Lower Upper

146 100

111 43.5 21.4 64.2

148 63.7 31.9 95.5



#84

1,4-Dichlorobenzene

Concen: 155.042 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

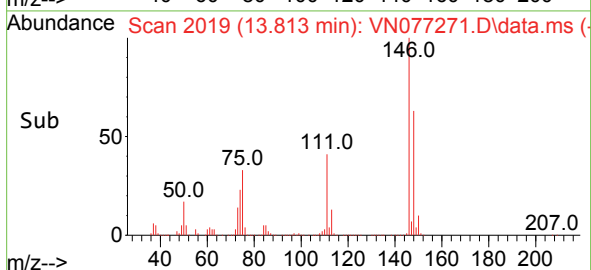
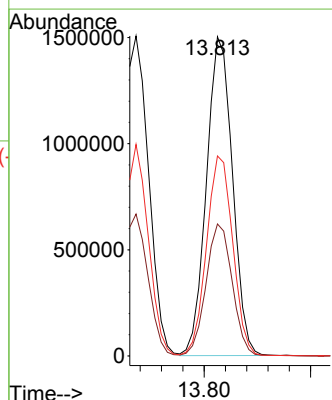
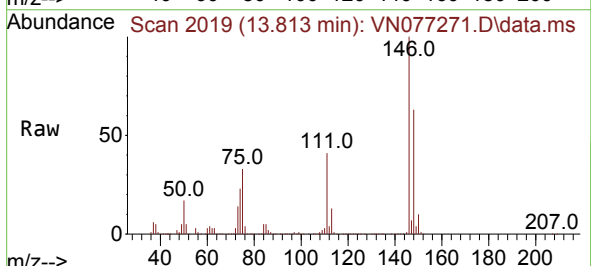
Tgt Ion:146 Resp: 2546959

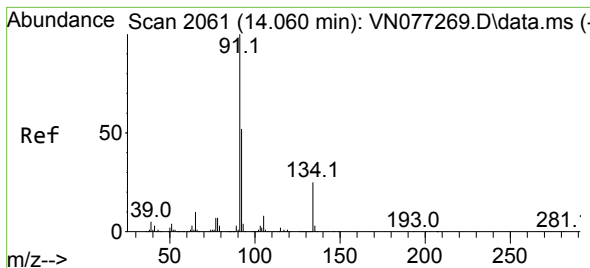
Ion Ratio Lower Upper

146 100

111 41.8 20.3 61.0

148 63.6 31.6 94.7





#85

n-Butylbenzene

Concen: 171.850 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

Instrument :

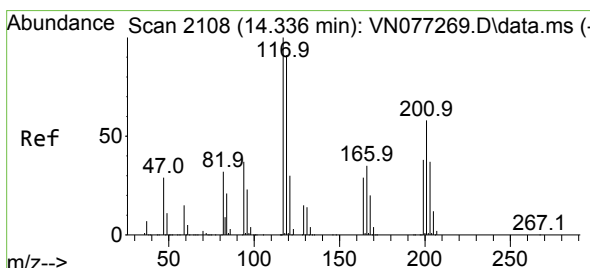
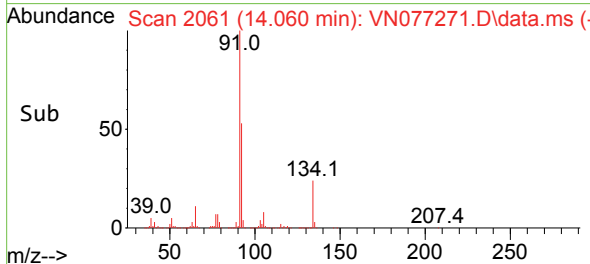
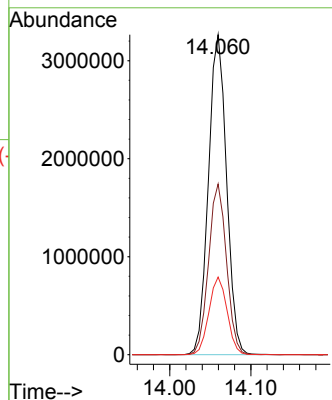
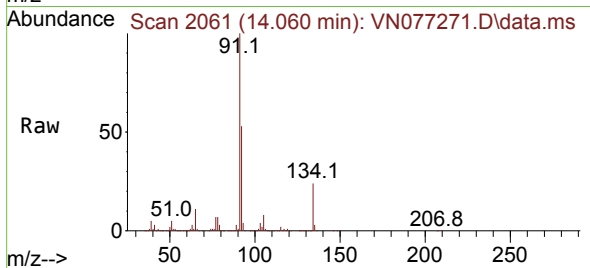
MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 5059047

Ion	Ratio	Lower	Upper
91	100		
92	52.8	0.0	105.6
134	24.3	0.0	49.4



#86

Hexachloroethane

Concen: 144.848 ug/l

RT: 14.336 min Scan# 2108

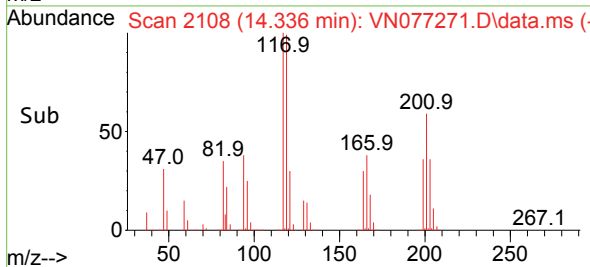
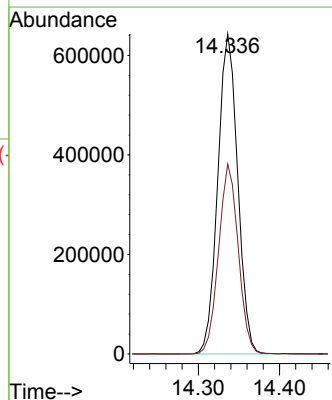
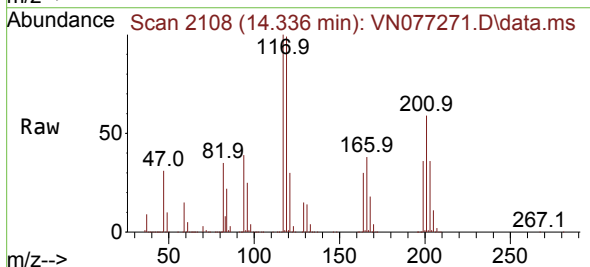
Delta R.T. -0.000 min

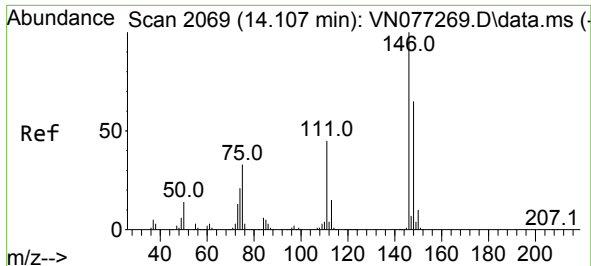
Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

Tgt Ion: 117 Resp: 1097687

Ion	Ratio	Lower	Upper
117	100		
201	58.5	29.1	87.4

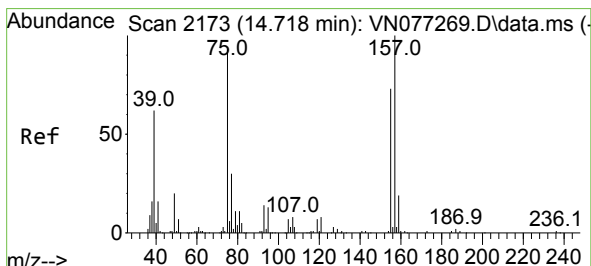
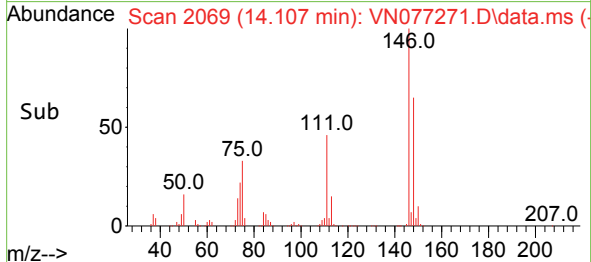
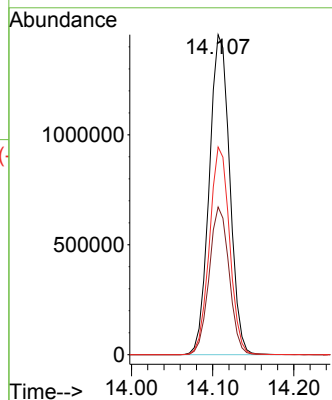
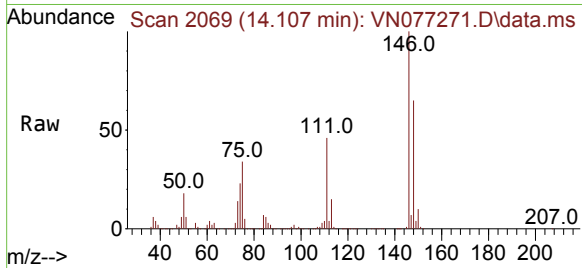




#87
1,2-Dichlorobenzene
Concen: 153.373 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

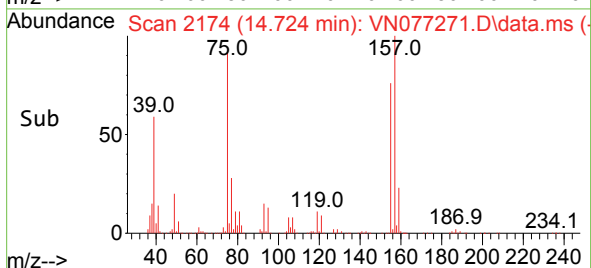
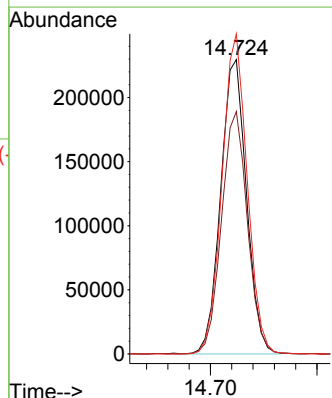
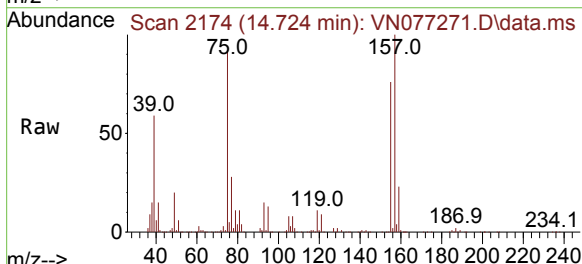
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

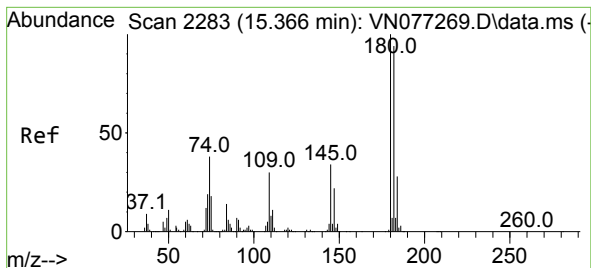
Tgt Ion:146 Resp: 2544585
Ion Ratio Lower Upper
146 100
111 45.2 22.1 66.5
148 63.9 31.9 95.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 149.715 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.006 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion: 75 Resp: 386174
Ion Ratio Lower Upper
75 100
155 82.7 67.8 101.6
157 106.0 86.3 129.5





#89

1,2,4-Trichlorobenzene

Concen: 196.806 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

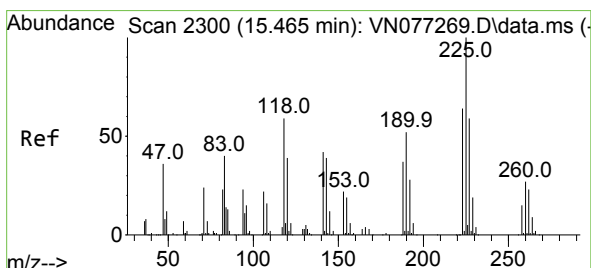
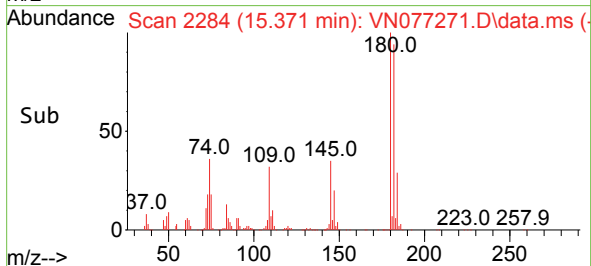
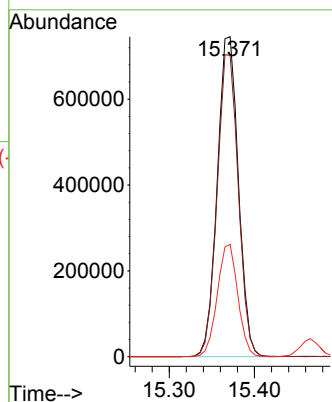
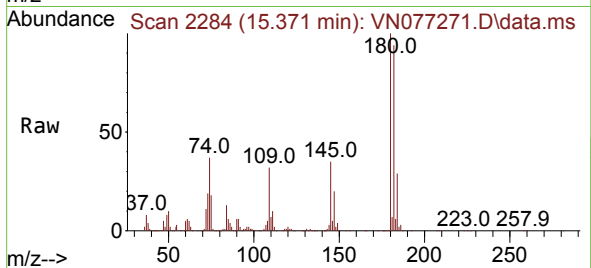
Tgt Ion:180 Resp: 1284363

Ion Ratio Lower Upper

180 100

182 94.3 75.6 113.4

145 34.2 26.7 40.1



#90

Hexachlorobutadiene

Concen: 156.557 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. -0.000 min

Lab File: VN077271.D

Acq: 07 Apr 2023 11:11

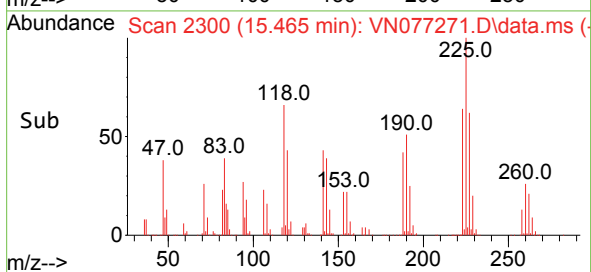
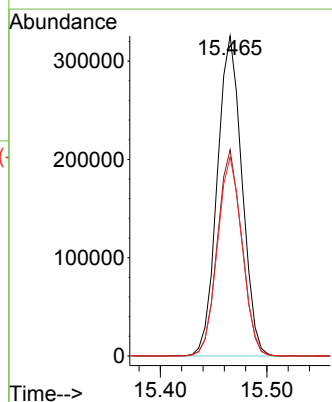
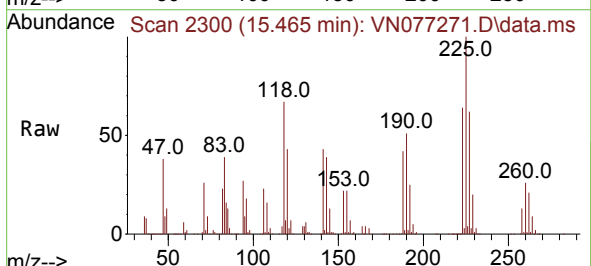
Tgt Ion:225 Resp: 523993

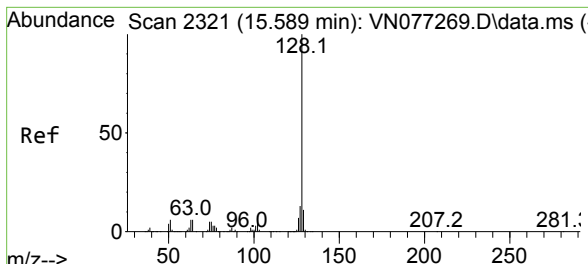
Ion Ratio Lower Upper

225 100

223 63.5 0.0 126.0

227 62.1 0.0 127.2

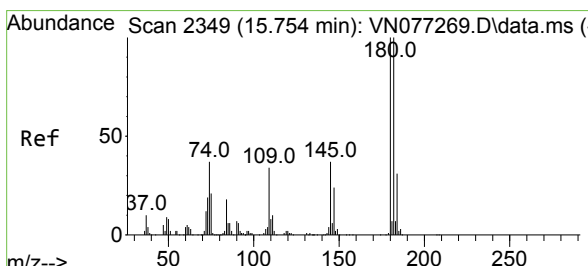
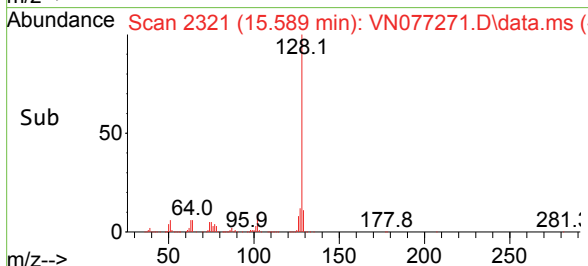
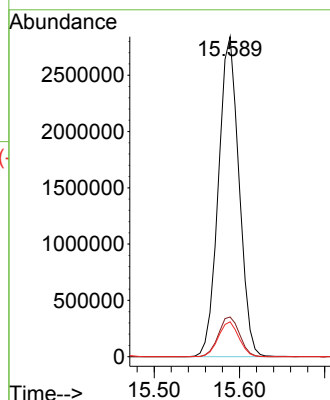
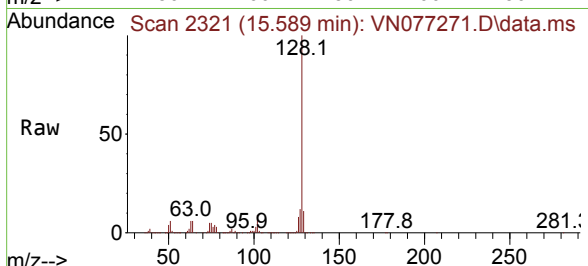




#91
Naphthalene
Concen: 191.335 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 4770188
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 189.009 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077271.D
Acq: 07 Apr 2023 11:11

Tgt Ion:180 Resp: 1203558
Ion Ratio Lower Upper
180 100
182 94.9 0.0 190.4
145 36.2 0.0 72.4

