

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077260.D
 Acq On : 05 Apr 2023 13:16
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 06 09:27:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	589504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1120654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1029625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	494181	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	789998	98.052	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 196.100%#	
35) Dibromofluoromethane	8.172	113	706827	98.525	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 197.040%#	
50) Toluene-d8	10.572	98	2856989	98.924	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 197.840%#	
62) 4-Bromofluorobenzene	12.854	95	1018730	106.060	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 212.120%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.131	85	711482	94.560	ug/l	99
3) Chloromethane	2.372	50	747637	80.182	ug/l	99
4) Vinyl Chloride	2.519	62	1127096	89.155	ug/l	100
5) Bromomethane	2.919	94	822047	89.694	ug/l	97
6) Chloroethane	3.107	64	748291	82.940	ug/l	97
7) Trichlorofluoromethane	3.496	101	985490	89.902	ug/l	93
8) Diethyl Ether	3.972	74	418493	91.105	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	603881	90.017	ug/l	99
10) Methyl Iodide	4.596	142	779012	95.482	ug/l	95
11) Tert butyl alcohol	5.531	59	733547	446.189	ug/l	100
12) 1,1-Dichloroethene	4.343	96	623759	90.326	ug/l	96
13) Acrolein	4.190	56	720671	462.842	ug/l	97
14) Allyl chloride	5.031	41	902083	86.491	ug/l	97
15) Acrylonitrile	5.725	53	1740693	478.929	ug/l	100
16) Acetone	4.437	43	1261728	424.734	ug/l	100
17) Carbon Disulfide	4.719	76	1750950	94.028	ug/l	97
18) Methyl Acetate	5.037	43	1045985	92.451	ug/l	100
19) Methyl tert-butyl Ether	5.801	73	2340687	95.526	ug/l	100
20) Methylene Chloride	5.284	84	731614	87.205	ug/l	96
21) trans-1,2-Dichloroethene	5.790	96	720996	95.357	ug/l	99
22) Diisopropyl ether	6.678	45	2008634	96.060	ug/l	98
23) Vinyl Acetate	6.613	43	7032743	497.426	ug/l	100
24) 1,1-Dichloroethane	6.578	63	1263638	93.585	ug/l	99
25) 2-Butanone	7.489	43	2219136	460.283	ug/l	98
26) 2,2-Dichloropropane	7.495	77	1179461	95.260	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	863639	93.535	ug/l	100
28) Bromochloromethane	7.819	49	470636	86.650	ug/l	99
29) Tetrahydrofuran	7.842	42	1429676	461.301	ug/l	99
30) Chloroform	7.972	83	1334472	92.677	ug/l	98
31) Cyclohexane	8.260	56	1066705	85.204	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	1222008	93.316	ug/l	97
36) 1,1-Dichloropropene	8.378	75	1008889	95.084	ug/l	99
37) Ethyl Acetate	7.566	43	885374	93.263	ug/l	98
38) Carbon Tetrachloride	8.366	117	1039578	95.631	ug/l	98
39) Methylcyclohexane	9.607	83	1353169	94.578	ug/l	98
40) Benzene	8.613	78	3072656	92.842	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	491379	96.295	ug/l	99
42) 1,2-Dichloroethane	8.672	62	984978	96.700	ug/l	99
43) Isopropyl Acetate	8.695	43	1594633	91.031	ug/l	99
44) Trichloroethene	9.354	130	744683	94.039	ug/l	98
45) 1,2-Dichloropropane	9.625	63	767199	97.607	ug/l	99
46) Dibromomethane	9.713	93	552572	93.308	ug/l	99
47) Bromodichloromethane	9.889	83	1084038	91.583	ug/l	98
48) Methyl methacrylate	9.683	41	696850	93.252	ug/l	99
49) 1,4-Dioxane	9.701	88	340592	1879.922	ug/l #	86
51) 4-Methyl-2-Pentanone	10.448	43	4813220	475.358	ug/l	99
52) Toluene	10.636	92	2093959	96.663	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	1291689	100.494	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	1335712	97.561	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	784979	92.313	ug/l	98
56) Ethyl methacrylate	10.877	69	1314169	99.222	ug/l	99
57) 1,3-Dichloropropane	11.166	76	1326219	94.402	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	2077570	526.939	ug/l	99
59) 2-Hexanone	11.201	43	3551961	470.866	ug/l	100
60) Dibromochloromethane	11.360	129	867182	99.017	ug/l	99
61) 1,2-Dibromoethane	11.472	107	818123	96.391	ug/l	100
64) Tetrachloroethene	11.107	164	586784	92.253	ug/l	98
65) Chlorobenzene	11.895	112	2174405	95.922	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	789163	92.009	ug/l	100
67) Ethyl Benzene	11.966	91	4046773	96.743	ug/l	97
68) m/p-Xylenes	12.072	106	3159944	192.257	ug/l	99
69) o-Xylene	12.401	106	1593433	98.272	ug/l	100
70) Styrene	12.413	104	2666325	102.186	ug/l	99
71) Bromoform	12.583	173	605246	100.245	ug/l	99
73) Isopropylbenzene	12.701	105	4071485	84.823	ug/l	99
74) N-amyl acetate	12.495	43	1528603	84.035	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	1247866	82.841	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	1591698	135.259	ug/l	60
77) Bromobenzene	12.983	156	841930	86.265	ug/l	98
78) n-propylbenzene	13.036	91	4732950	89.241	ug/l	99
79) 2-Chlorotoluene	13.130	91	2758408	86.377	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	3437522	89.665	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	506742	96.903	ug/l	89
82) 4-Chlorotoluene	13.224	91	2720982	90.371	ug/l	99
83) tert-Butylbenzene	13.442	119	2907836	85.213	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	3423207	90.382	ug/l	99
85) sec-Butylbenzene	13.618	105	4326209	90.968	ug/l	99
86) p-Isopropyltoluene	13.730	119	3550480	94.994	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	1670613	92.523	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	1655513	92.974	ug/l	99
89) n-Butylbenzene	14.060	91	3138743	101.158	ug/l	99
90) Hexachloroethane	14.336	117	712379	87.172	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	1670843	92.499	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	253181	88.688	ug/l	99
93) 1,2,4-Trichlorobenzene	15.371	180	803798	123.270	ug/l	99
94) Hexachlorobutadiene	15.465	225	329381	87.265	ug/l	98
95) Naphthalene	15.589	128	3063194	125.054	ug/l	99
96) 1,2,3-Trichlorobenzene	15.760	180	758365	121.591	ug/l	99

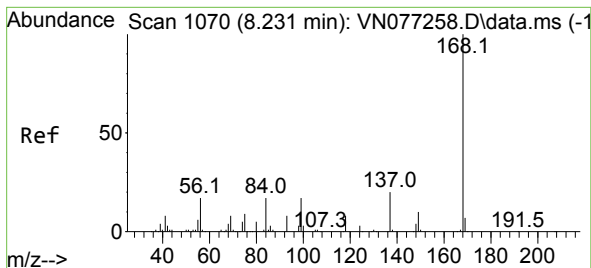
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Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 11

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

ClientSampleId :

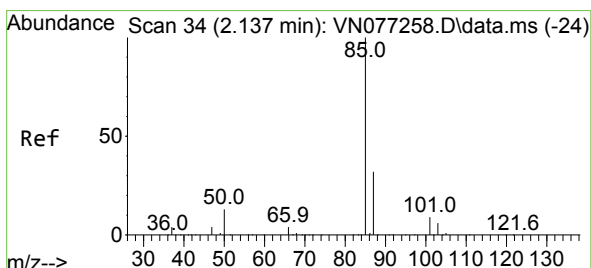
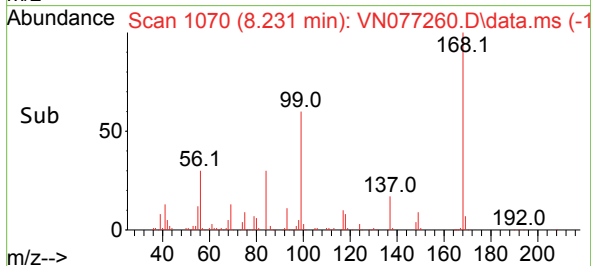
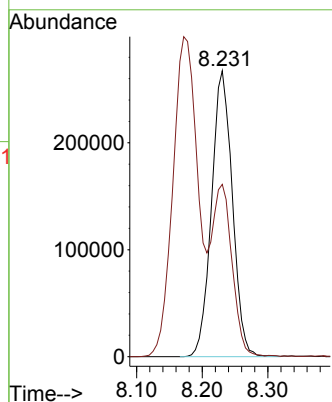
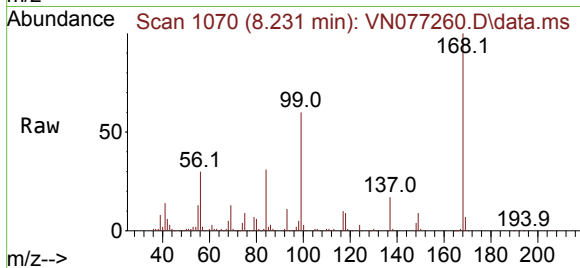
VSTDIC100

Tgt Ion:168 Resp: 589504

Ion Ratio Lower Upper

168 100

99 60.2 50.6 75.8



#2

Dichlorodifluoromethane

Concen: 94.560 ug/l

RT: 2.131 min Scan# 33

Delta R.T. -0.006 min

Lab File: VN077260.D

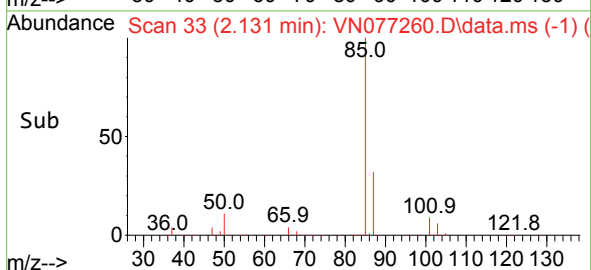
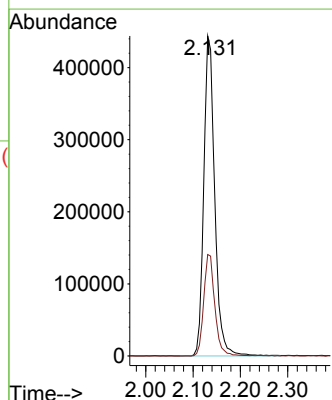
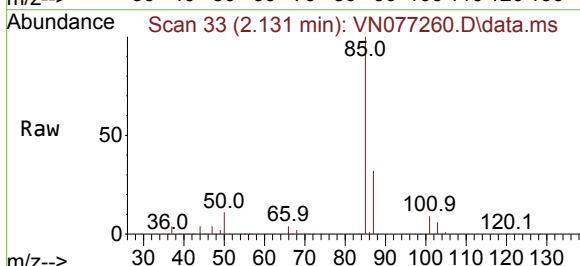
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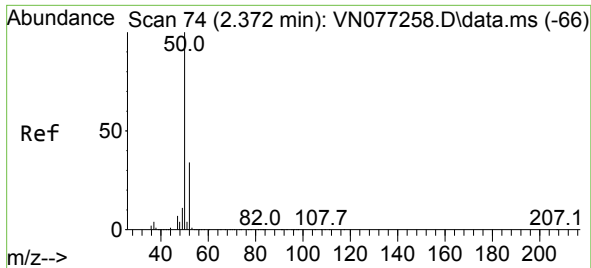
Tgt Ion: 85 Resp: 711482

Ion Ratio Lower Upper

85 100

87 31.7 16.1 48.2

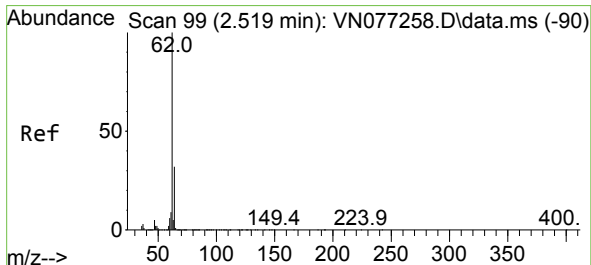
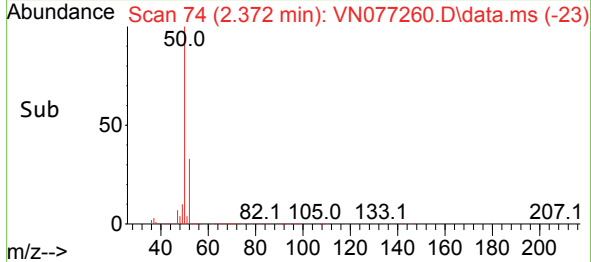
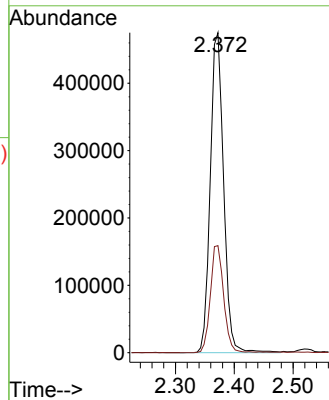
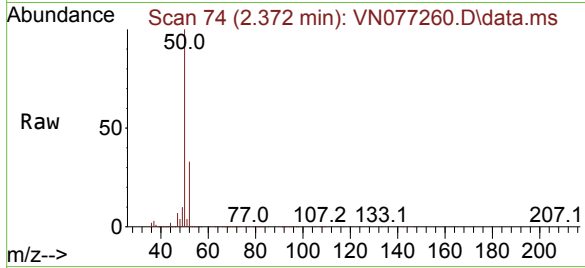




#3
Chloromethane
Concen: 80.182 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

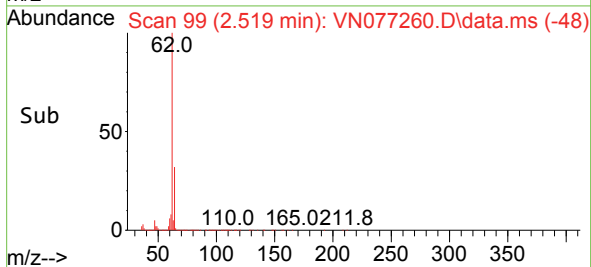
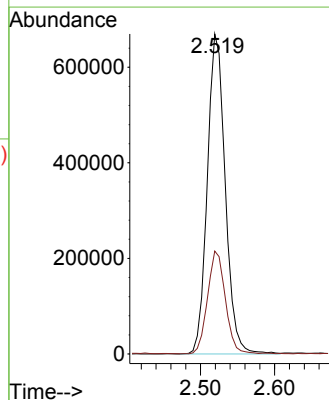
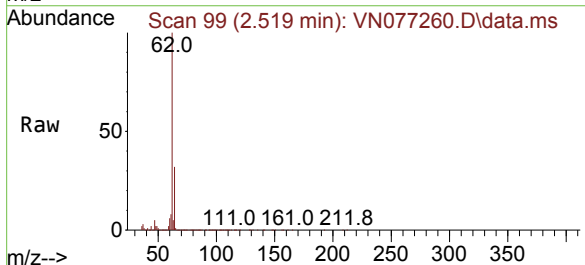
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

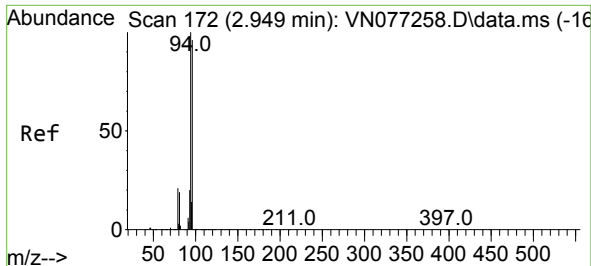
Tgt Ion: 50 Resp: 747637
Ion Ratio Lower Upper
50 100
52 33.5 27.3 40.9



#4
Vinyl Chloride
Concen: 89.155 ug/l
RT: 2.519 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 62 Resp: 1127096
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.8

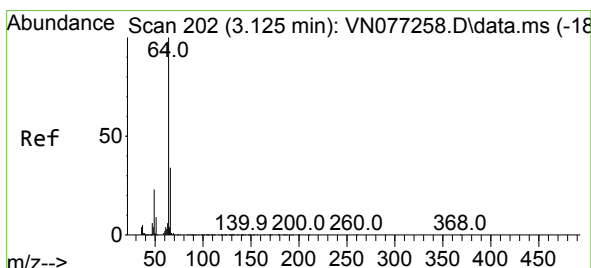
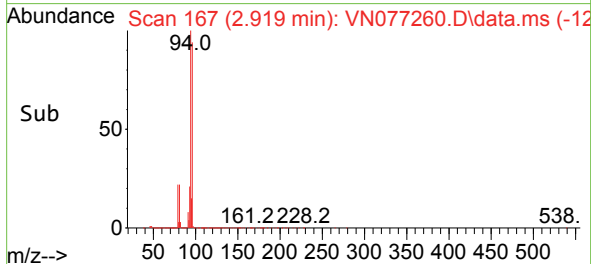
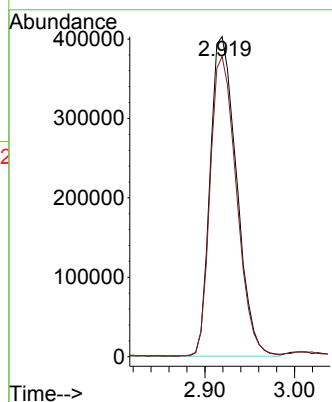
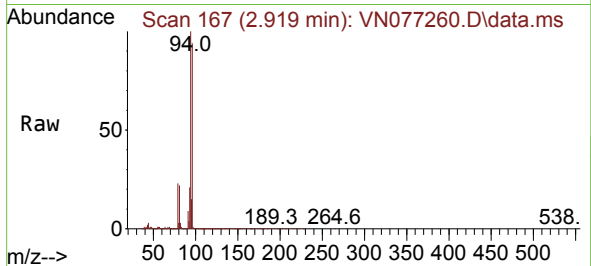




#5
Bromomethane
Concen: 89.694 ug/l
RT: 2.919 min Scan# 1
Delta R.T. -0.030 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

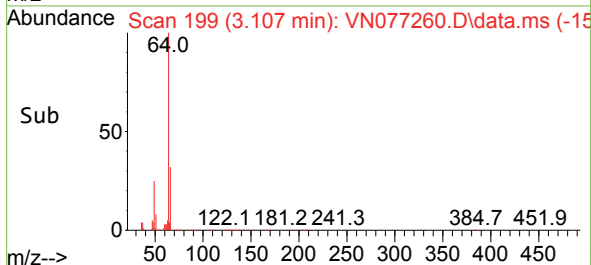
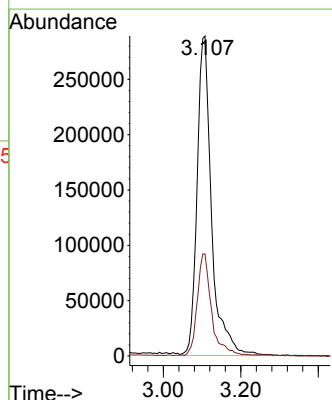
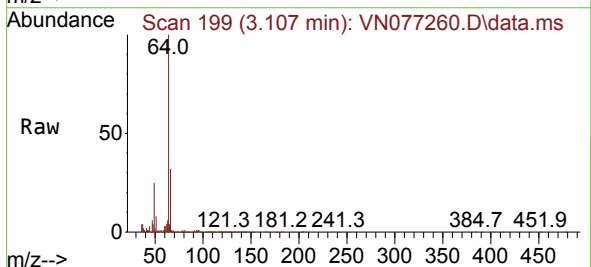
Instrument :
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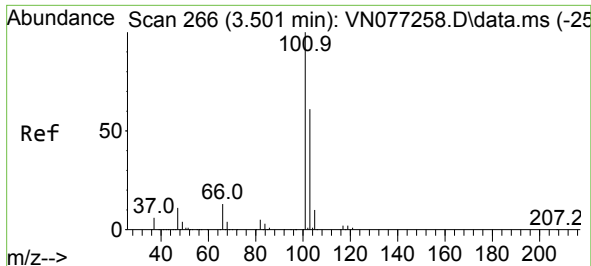
Tgt Ion: 94 Resp: 822047
Ion Ratio Lower Upper
94 100
96 93.7 77.0 115.4



#6
Chloroethane
Concen: 82.940 ug/l
RT: 3.107 min Scan# 199
Delta R.T. -0.018 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 64 Resp: 748291
Ion Ratio Lower Upper
64 100
66 31.9 26.9 40.3

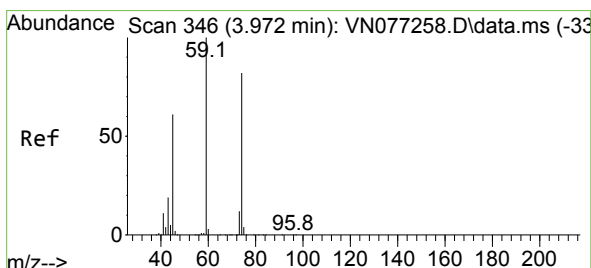
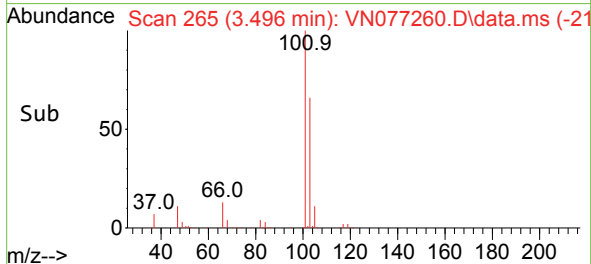
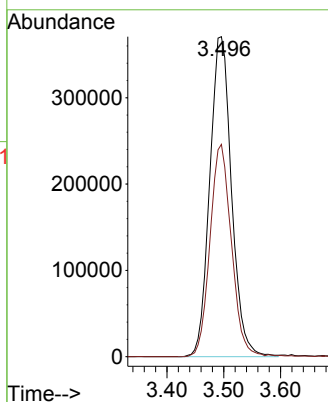
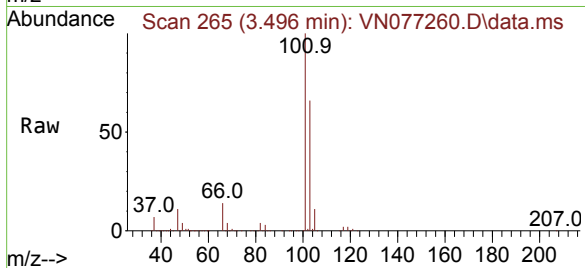




#7
Trichlorofluoromethane
Concen: 89.902 ug/l
RT: 3.496 min Scan# 265
Delta R.T. -0.005 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

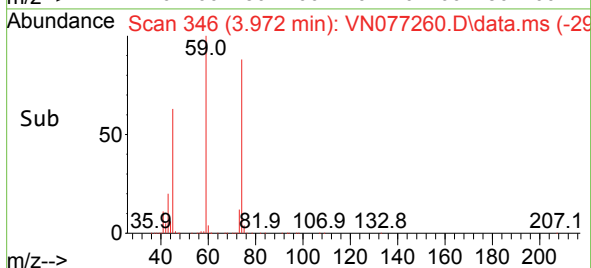
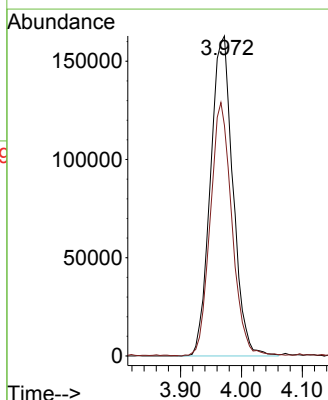
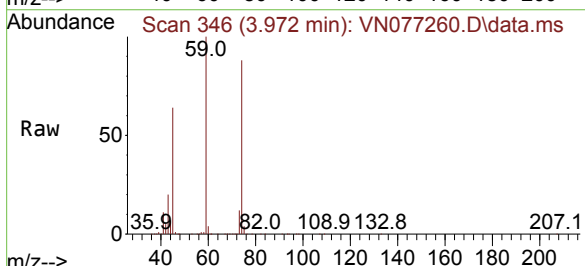
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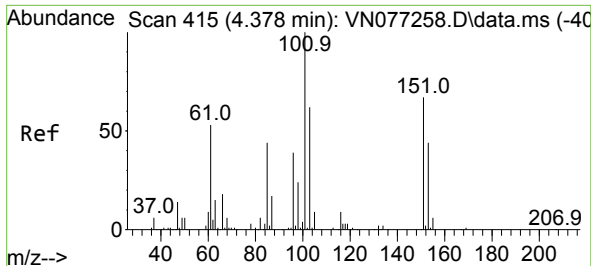
Tgt Ion:101 Resp: 985490
Ion Ratio Lower Upper
101 100
103 66.4 49.0 73.4



#8
Diethyl Ether
Concen: 91.105 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 74 Resp: 418493
Ion Ratio Lower Upper
74 100
45 76.3 37.8 113.4

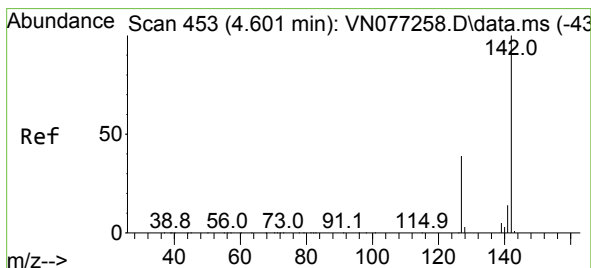
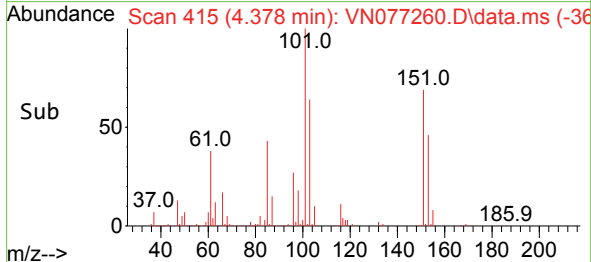
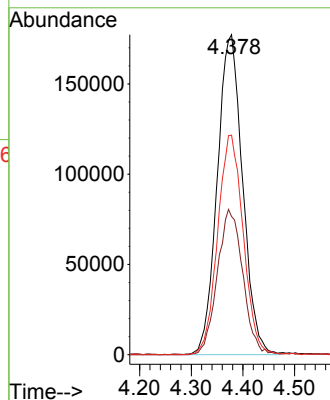
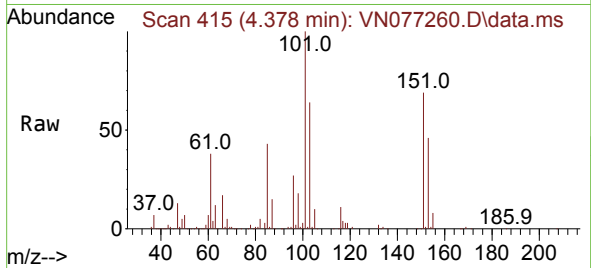




#9
1,1,2-Trichlorotrifluoroethane
Concen: 90.017 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077260.D
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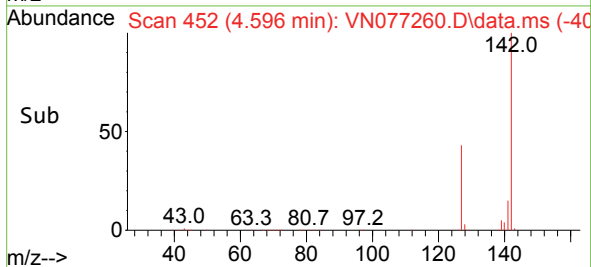
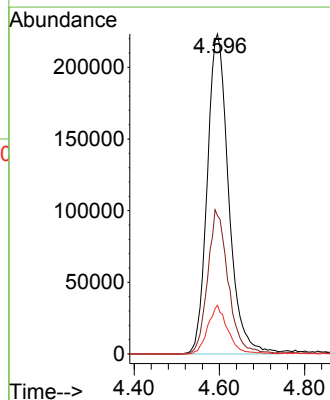
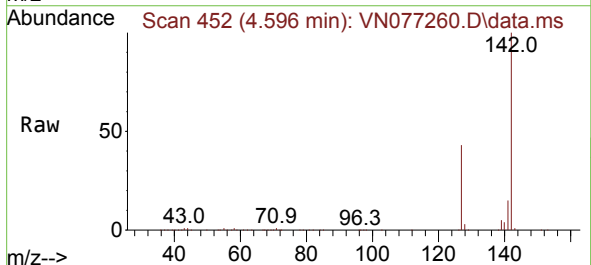
Instrument :
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ClientSampleId :
VSTDIC100

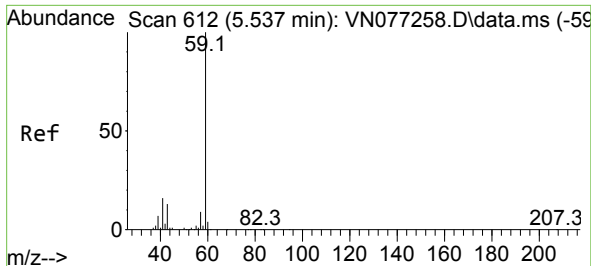
Tgt Ion:101 Resp: 603881
Ion Ratio Lower Upper
101 100
85 45.6 37.3 55.9
151 69.2 56.3 84.5



#10
Methyl Iodide
Concen: 95.482 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.005 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion:142 Resp: 779012
Ion Ratio Lower Upper
142 100
127 43.2 31.5 47.3
141 15.2 11.4 17.2

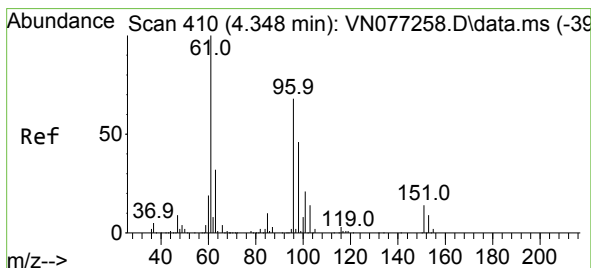
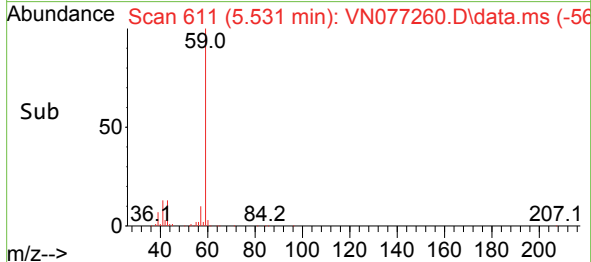
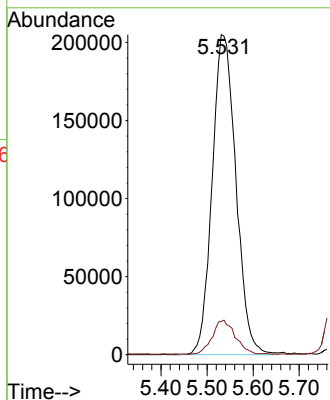
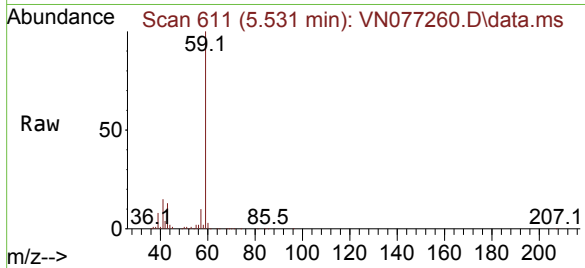




#11
Tert butyl alcohol
Concen: 446.189 ug/l
RT: 5.531 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

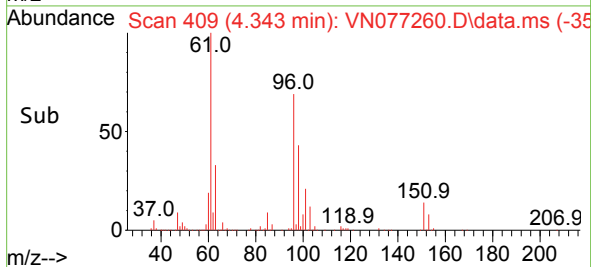
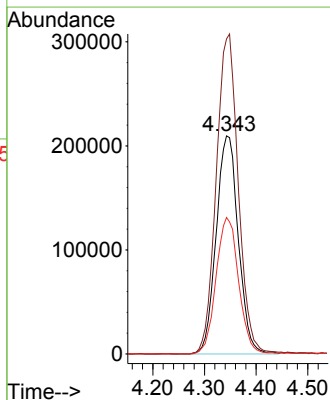
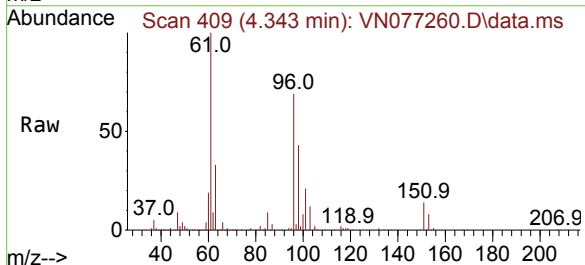
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

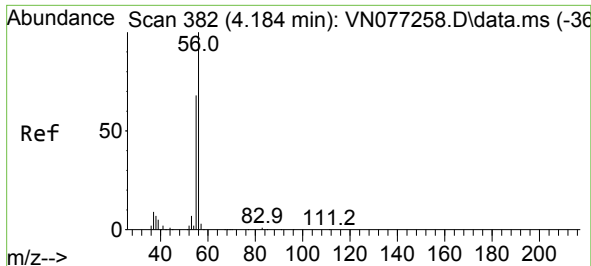
Tgt Ion: 59 Resp: 733547
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 90.326 ug/l
RT: 4.343 min Scan# 409
Delta R.T. -0.005 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 96 Resp: 623759
Ion Ratio Lower Upper
96 100
61 144.4 118.3 177.5
98 62.5 54.5 81.7

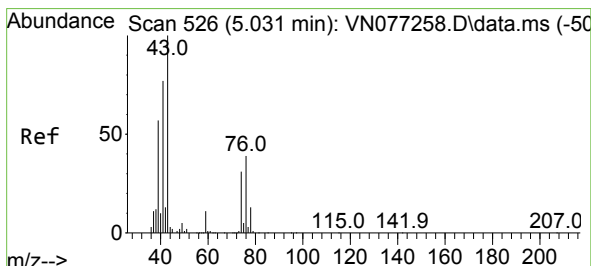
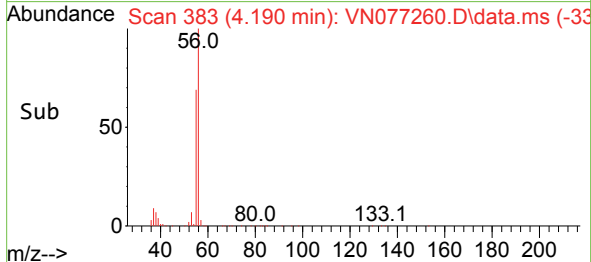
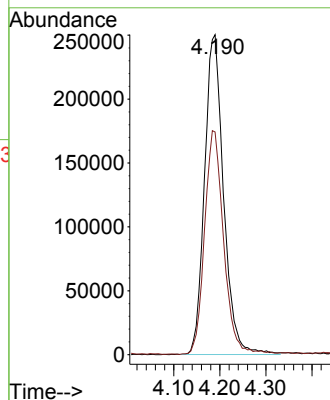
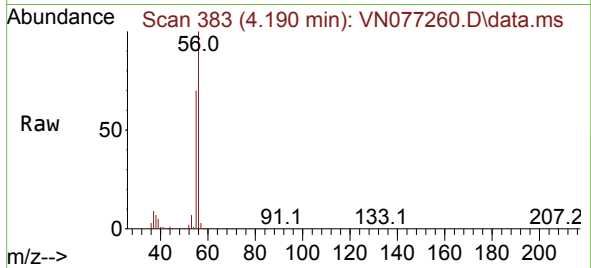




#13
Acrolein
Concen: 462.842 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

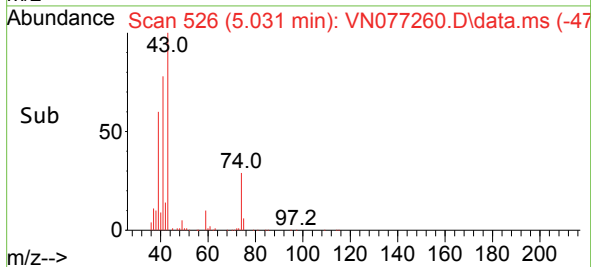
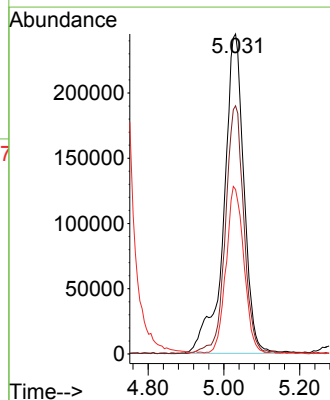
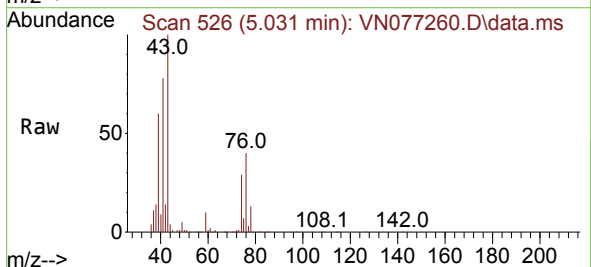
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

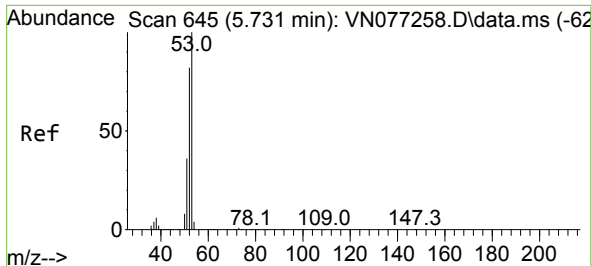
Tgt Ion: 56 Resp: 720671
Ion Ratio Lower Upper
56 100
55 70.2 54.2 81.2



#14
Allyl chloride
Concen: 86.491 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 41 Resp: 902083
Ion Ratio Lower Upper
41 100
39 71.2 55.0 82.4
76 45.9 35.4 53.2

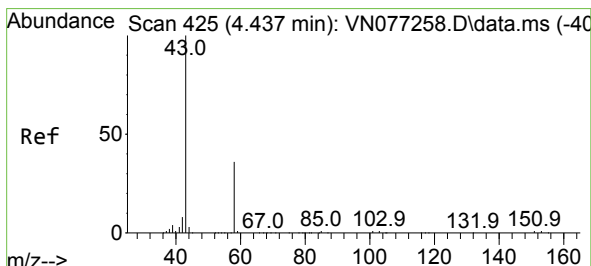
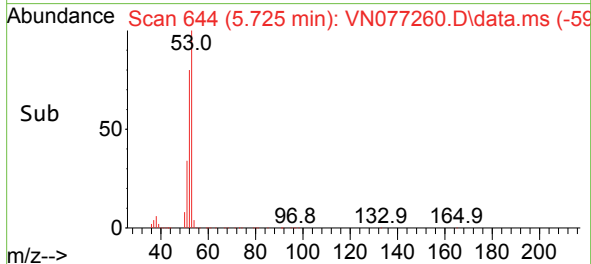
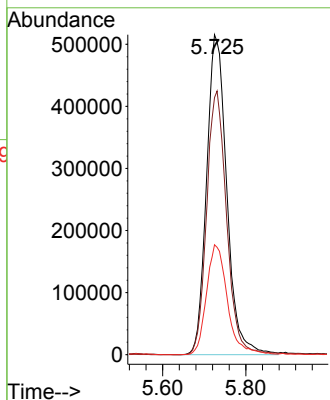
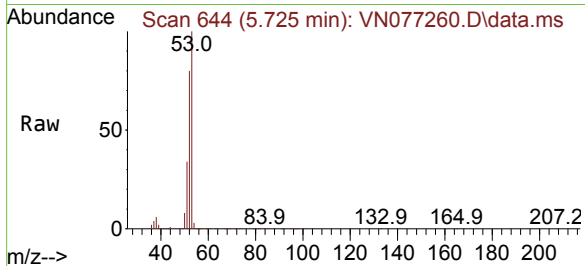




#15
Acrylonitrile
Concen: 478.929 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

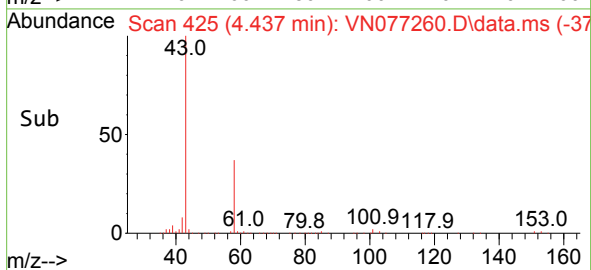
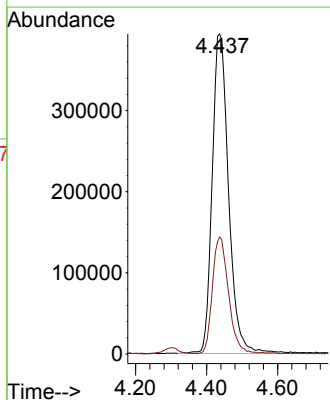
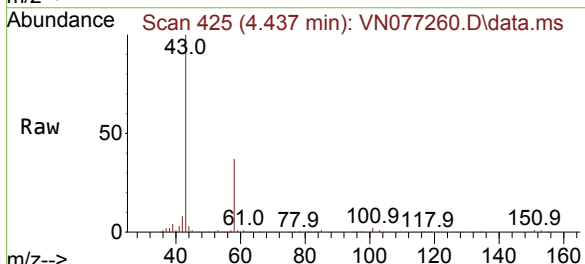
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

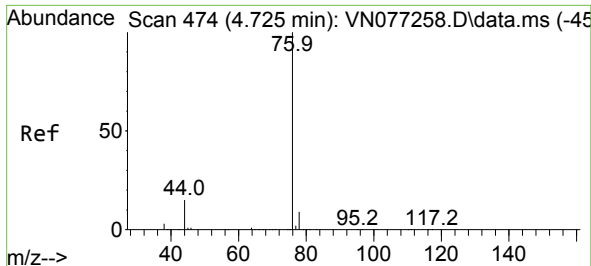
Tgt Ion: 53 Resp: 1740693
Ion Ratio Lower Upper
53 100
52 81.5 65.2 97.8
51 35.6 28.1 42.1



#16
Acetone
Concen: 424.734 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 43 Resp: 1261728
Ion Ratio Lower Upper
43 100
58 36.4 29.0 43.6

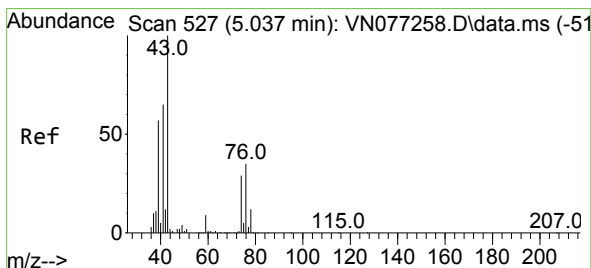
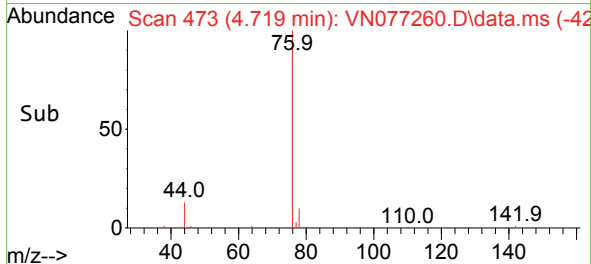
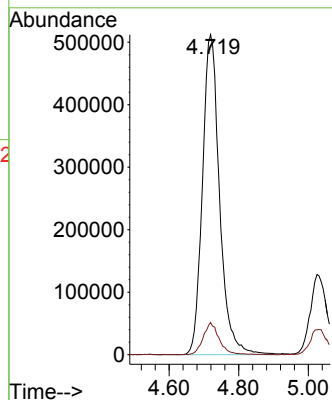
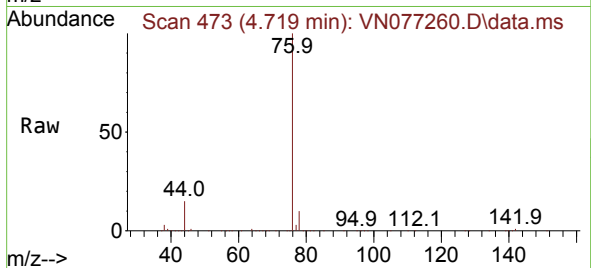




#17
Carbon Disulfide
Concen: 94.028 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

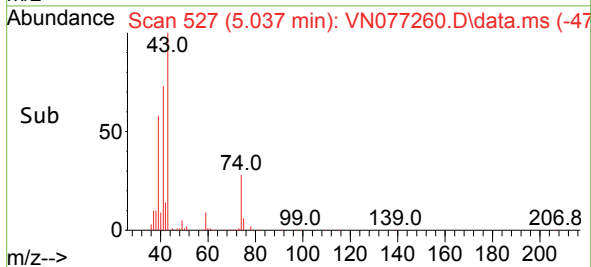
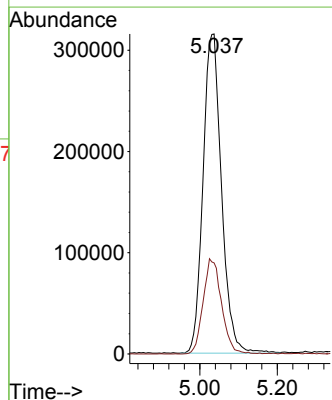
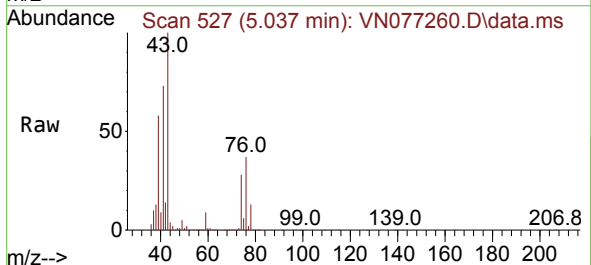
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

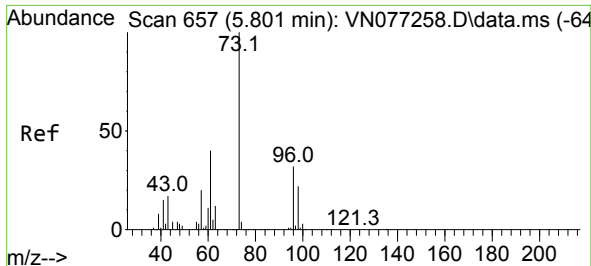
Tgt Ion: 76 Resp: 1750950
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9



#18
Methyl Acetate
Concen: 92.451 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 43 Resp: 1045985
Ion Ratio Lower Upper
43 100
74 29.5 23.4 35.2

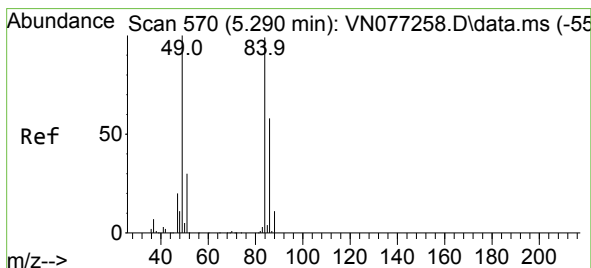
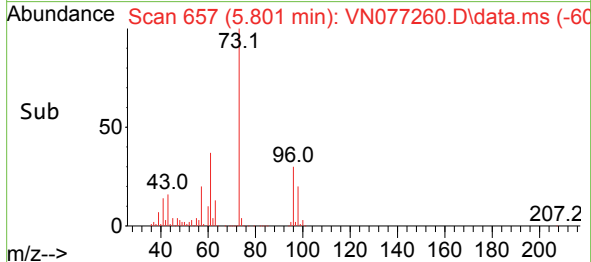
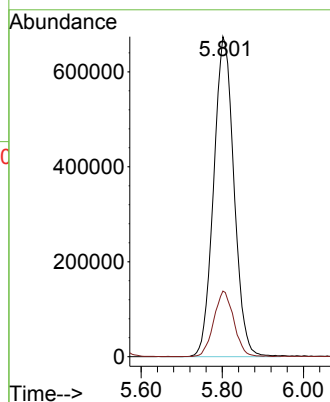
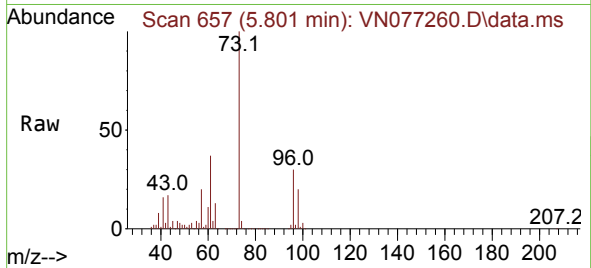




#19
Methyl tert-butyl Ether
Concen: 95.526 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

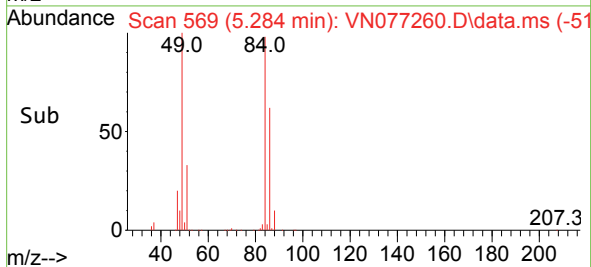
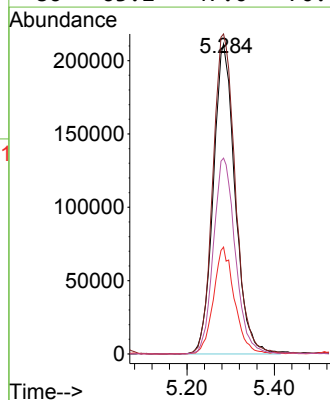
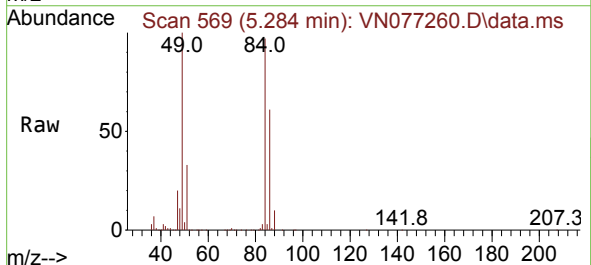
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

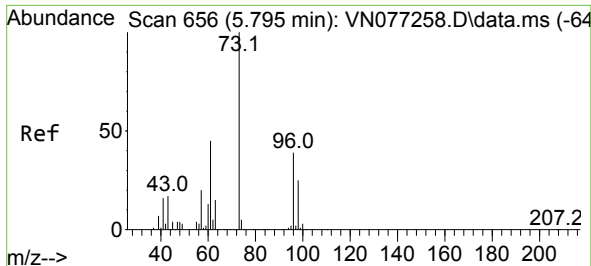
Tgt Ion: 73 Resp: 2340687
Ion Ratio Lower Upper
73 100
57 20.4 16.2 24.4



#20
Methylene Chloride
Concen: 87.205 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 84 Resp: 731614
Ion Ratio Lower Upper
84 100
49 103.3 80.6 121.0
51 34.5 24.4 36.6
86 63.2 47.0 70.6

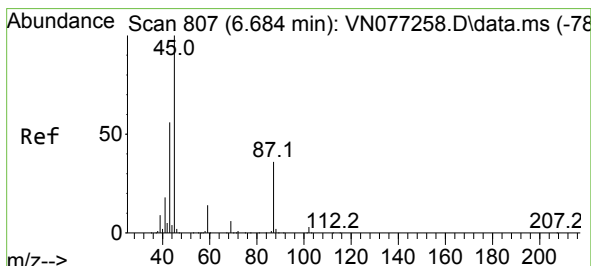
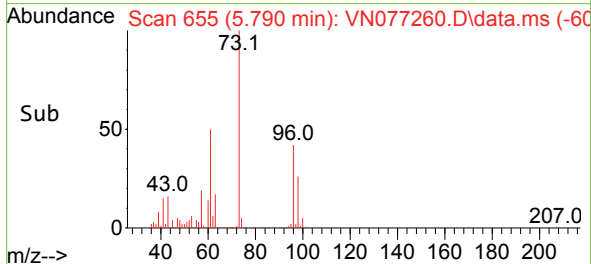
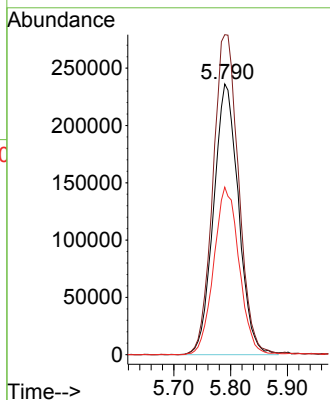
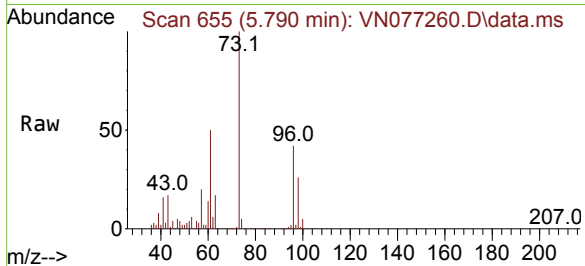




#21
trans-1,2-Dichloroethene
Concen: 95.357 ug/l
RT: 5.790 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

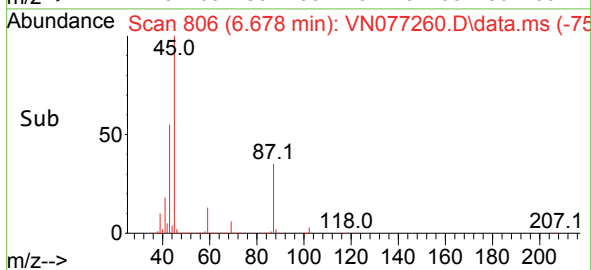
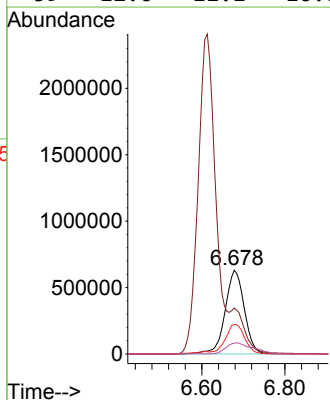
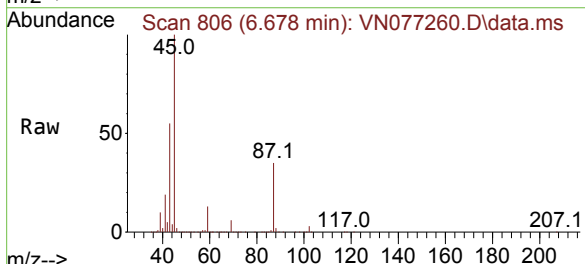
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

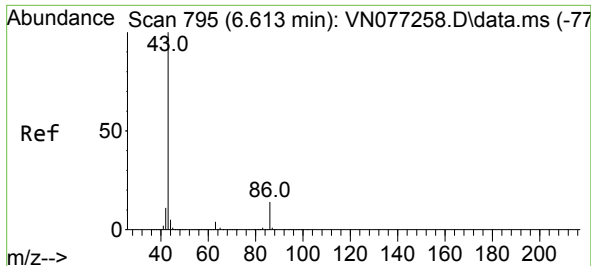
Tgt Ion: 96 Resp: 720996
Ion Ratio Lower Upper
96 100
61 118.2 93.8 140.6
98 61.9 50.9 76.3



#22
Diisopropyl ether
Concen: 96.060 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 45 Resp: 2008634
Ion Ratio Lower Upper
45 100
43 54.5 44.6 66.8
87 35.1 28.4 42.6
59 12.6 11.1 16.7

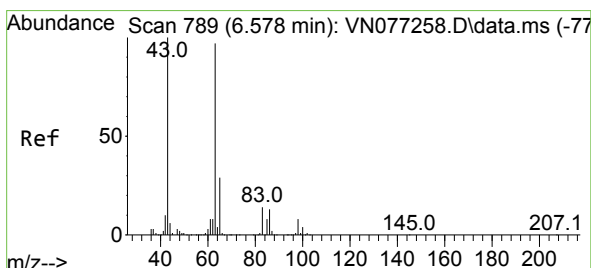
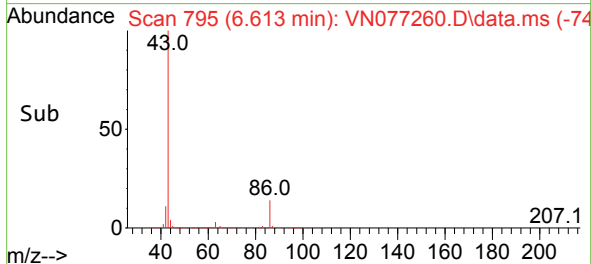
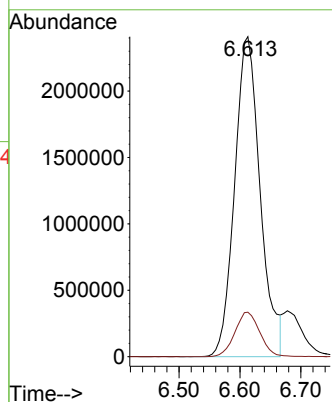
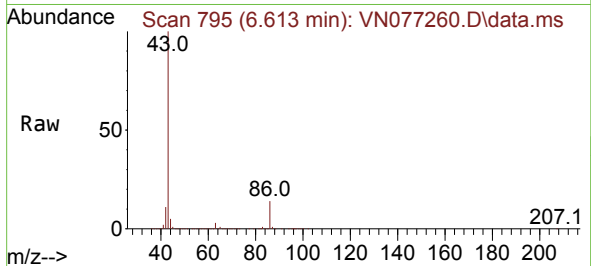




#23
 Vinyl Acetate
 Concen: 497.426 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077260.D
 Acq: 05 Apr 2023 13:16

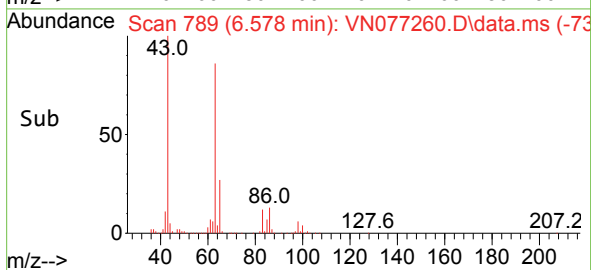
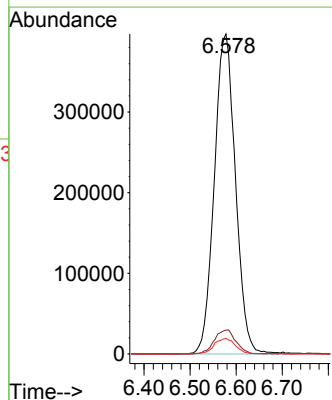
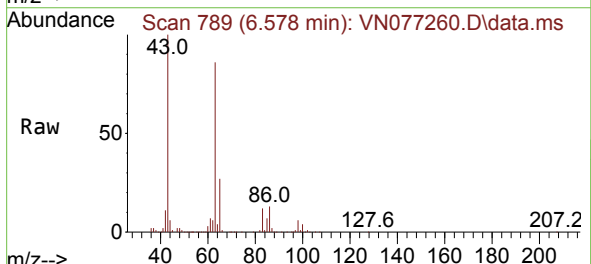
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

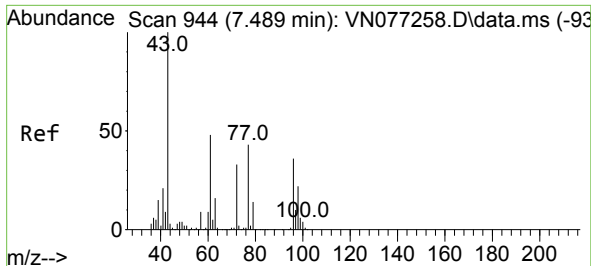
Tgt Ion: 43 Resp: 7032743
 Ion Ratio Lower Upper
 43 100
 86 13.9 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 93.585 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077260.D
 Acq: 05 Apr 2023 13:16

Tgt Ion: 63 Resp: 1263638
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 12.0
 100 4.9 2.3 6.9

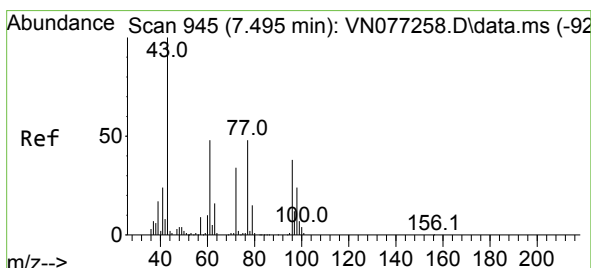
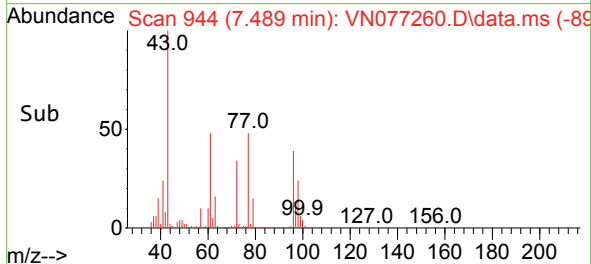
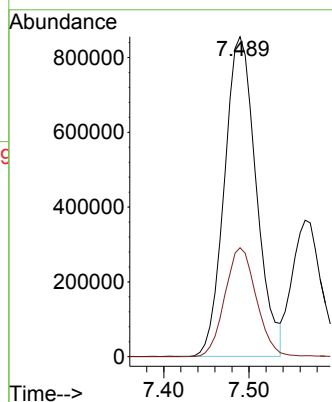
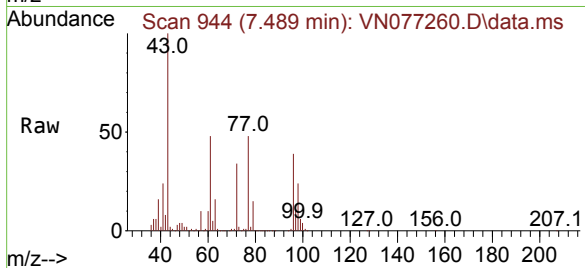




#25
2-Butanone
Concen: 460.283 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

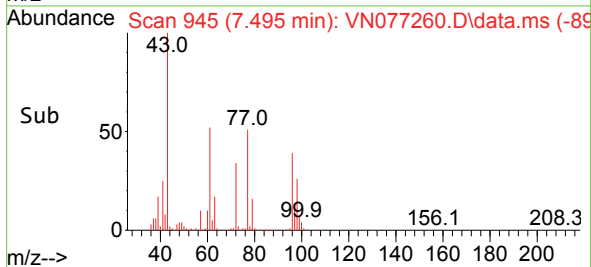
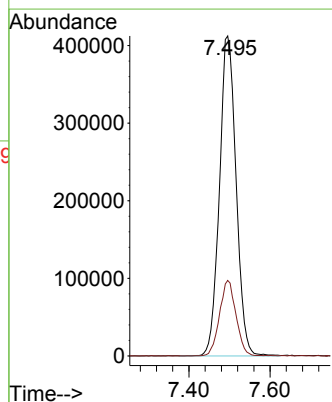
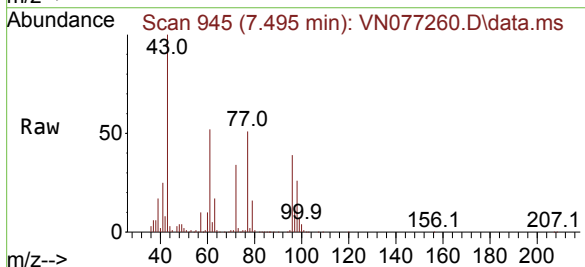
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

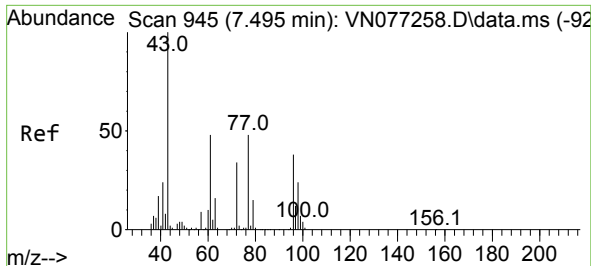
Tgt Ion: 43 Resp: 2219136
Ion Ratio Lower Upper
43 100
72 34.1 26.6 39.8



#26
2,2-Dichloropropane
Concen: 95.260 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 77 Resp: 1179461
Ion Ratio Lower Upper
77 100
97 23.4 12.0 36.1

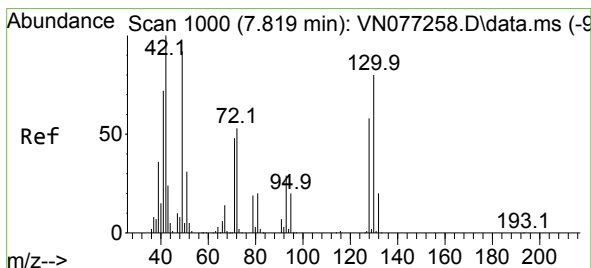
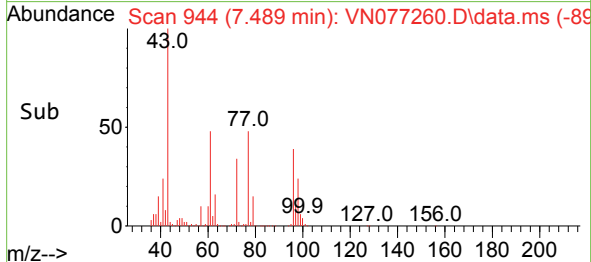
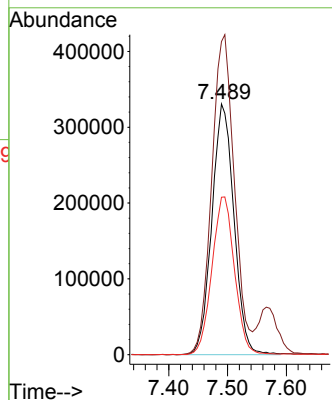
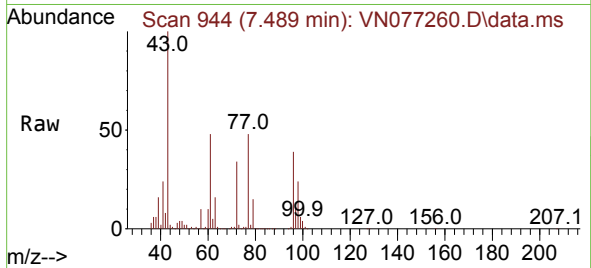




#27
 cis-1,2-Dichloroethene
 Concen: 93.535 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN077260.D
 Acq: 05 Apr 2023 13:16

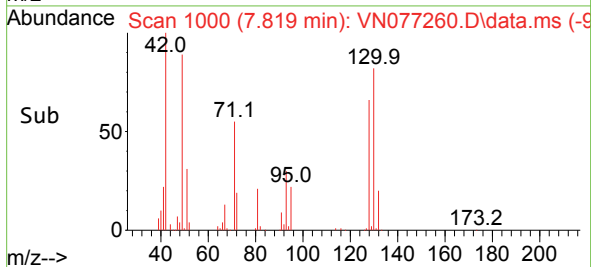
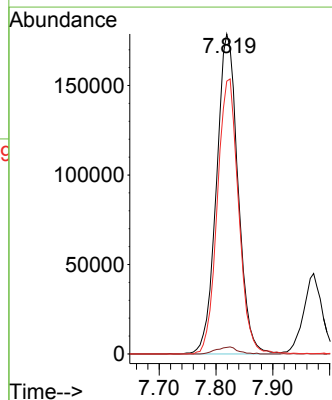
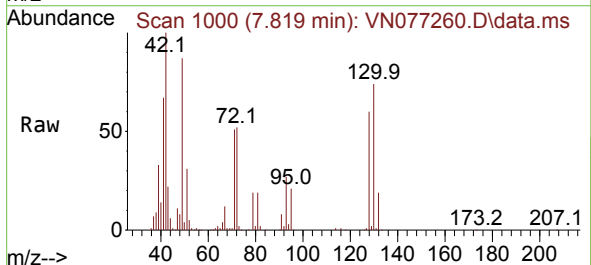
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

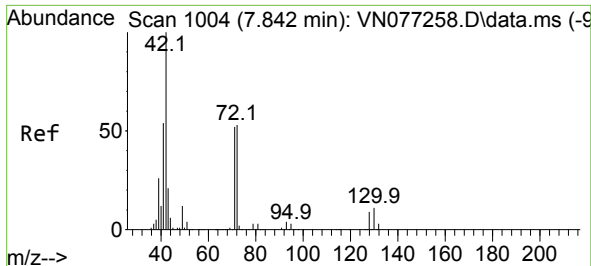
Tgt Ion: 96 Resp: 863639
 Ion Ratio Lower Upper
 96 100
 61 130.8 0.0 261.0
 98 64.4 0.0 128.0



#28
 Bromochloromethane
 Concen: 86.650 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077260.D
 Acq: 05 Apr 2023 13:16

Tgt Ion: 49 Resp: 470636
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 84.9 68.4 102.6





#29

Tetrahydrofuran

Concen: 461.301 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077260.D

Acq: 05 Apr 2023 13:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

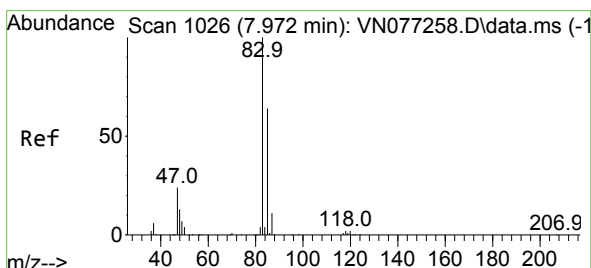
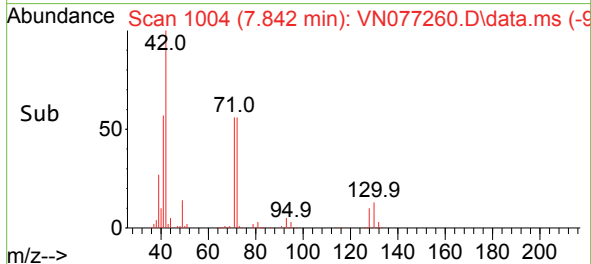
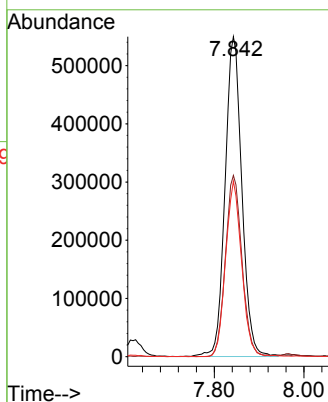
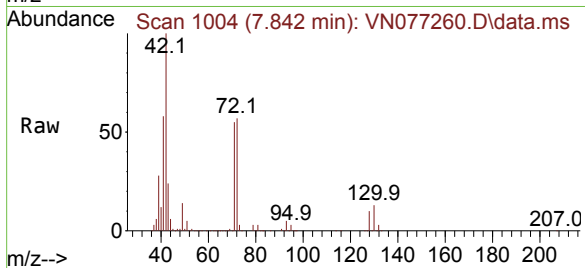
Tgt Ion: 42 Resp: 1429676

Ion Ratio Lower Upper

42 100

72 55.7 44.6 66.8

71 52.8 41.3 61.9



#30

Chloroform

Concen: 92.677 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077260.D

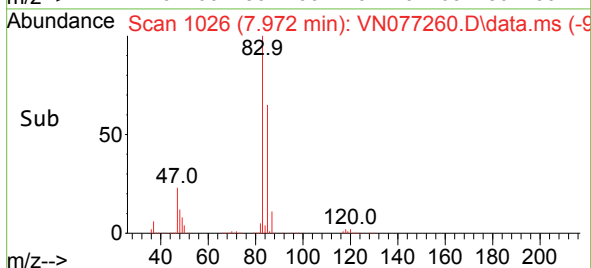
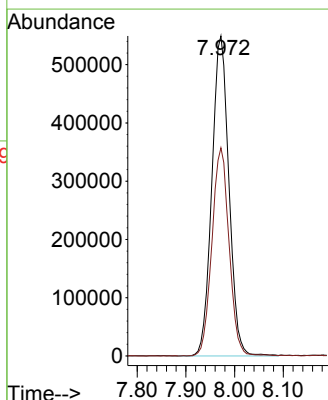
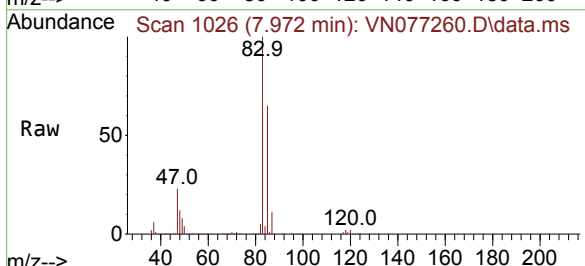
Acq: 05 Apr 2023 13:16

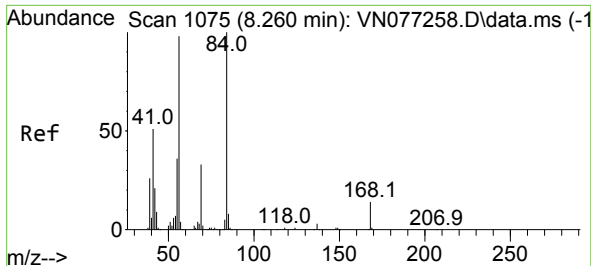
Tgt Ion: 83 Resp: 1334472

Ion Ratio Lower Upper

83 100

85 65.1 50.9 76.3

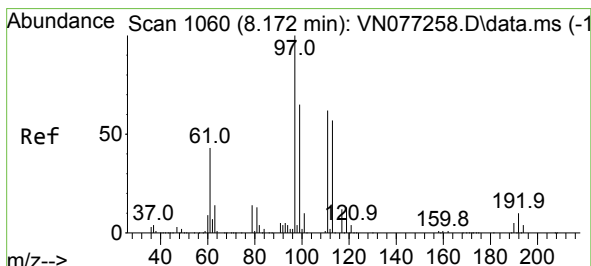
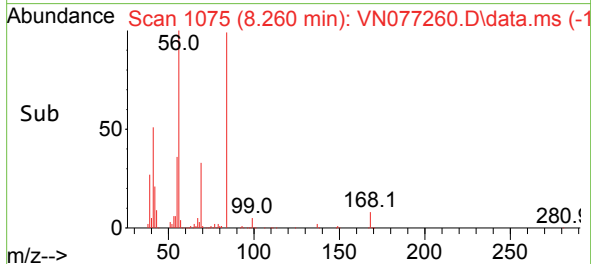
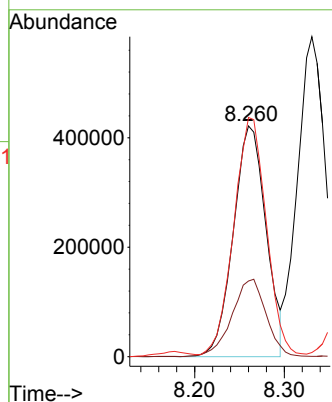
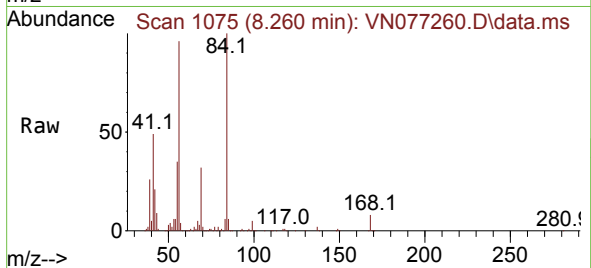




#31
Cyclohexane
Concen: 85.204 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

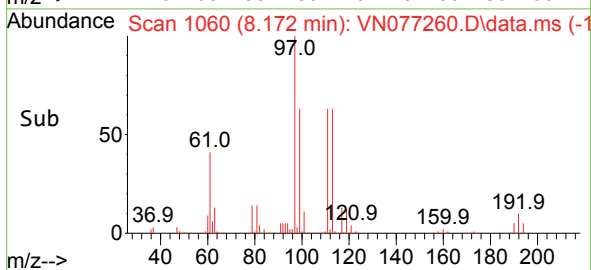
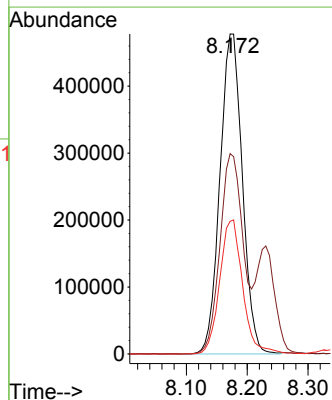
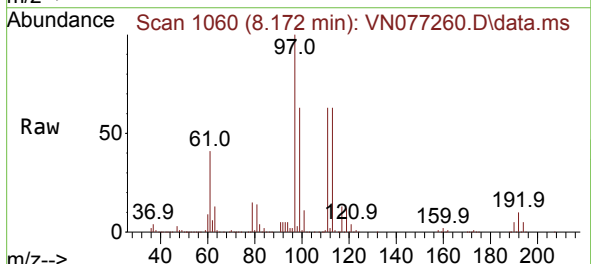
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

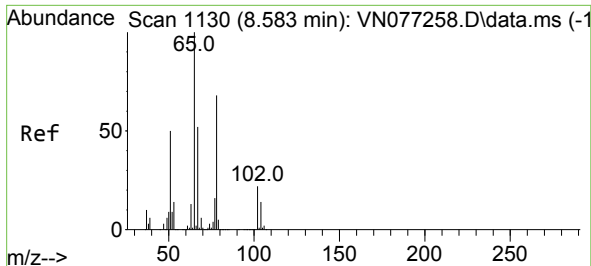
Tgt Ion: 56 Resp: 1066705
Ion Ratio Lower Upper
56 100
69 32.7 26.6 40.0
84 101.8 81.8 122.8



#32
1,1,1-Trichloroethane
Concen: 93.316 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 97 Resp: 1222008
Ion Ratio Lower Upper
97 100
99 64.9 54.2 81.4
61 43.1 35.8 53.6

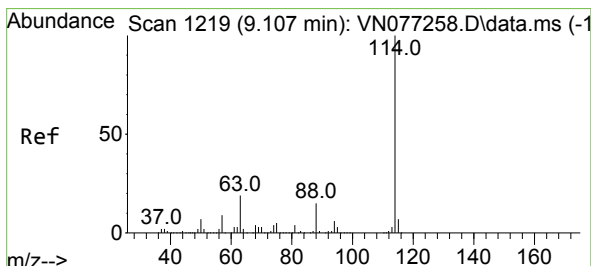
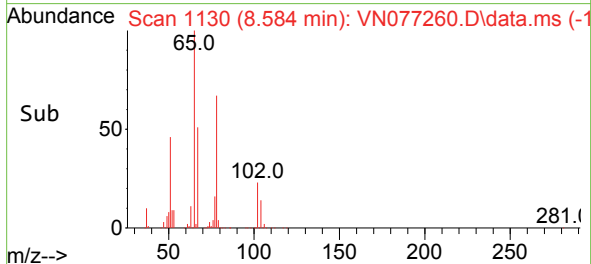
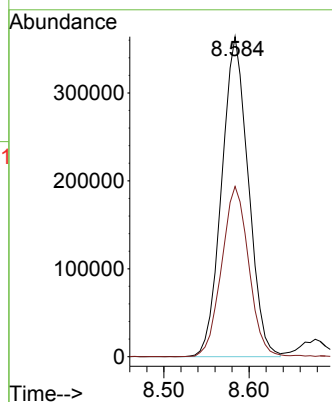
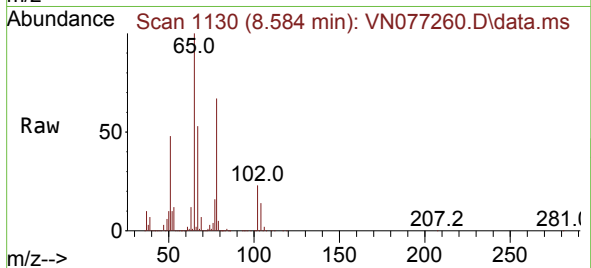




#33
 1,2-Dichloroethane-d4
 Concen: 98.052 ug/l
 RT: 8.584 min Scan# 1130
 Delta R.T. 0.001 min
 Lab File: VN077260.D
 Acq: 05 Apr 2023 13:16

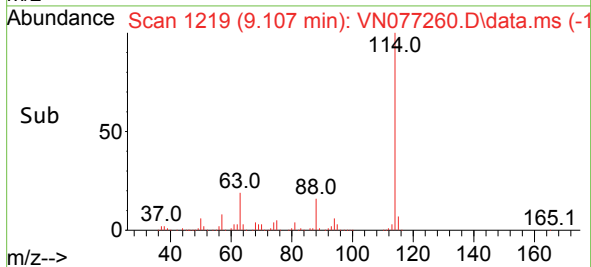
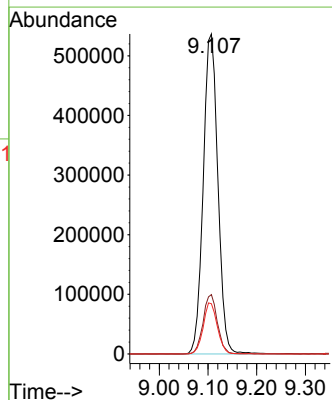
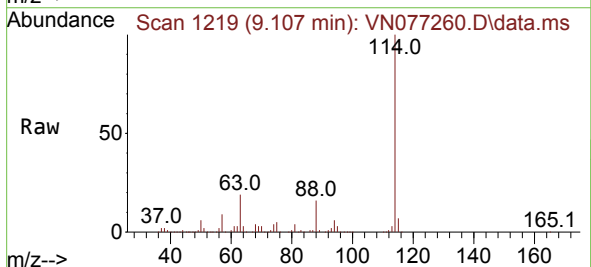
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

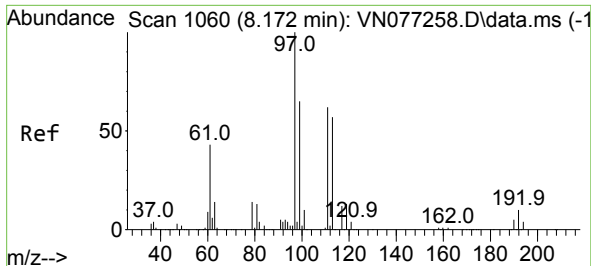
Tgt Ion: 65 Resp: 789998
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: VN077260.D
 Acq: 05 Apr 2023 13:16

Tgt Ion: 114 Resp: 1120654
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.8
 88 15.7 0.0 29.4

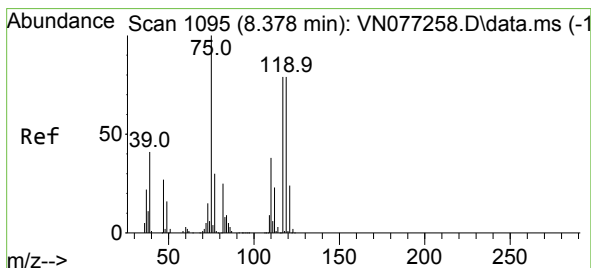
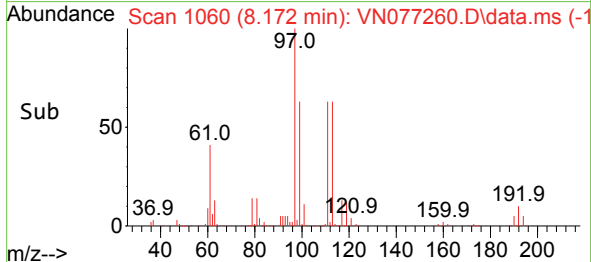
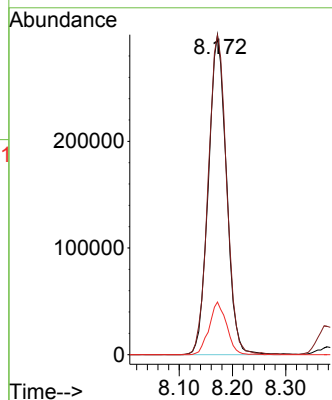
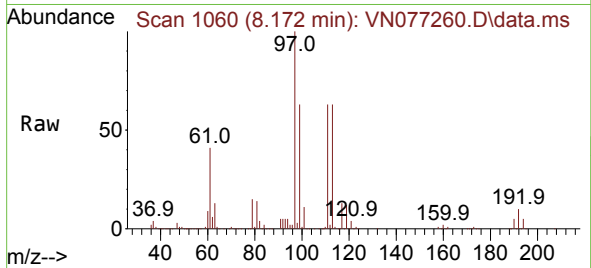




#35
 Dibromofluoromethane
 Concen: 98.525 ug/l
 RT: 8.172 min Scan# 1060
 Delta R.T. -0.000 min
 Lab File: VN077260.D
 Acq: 05 Apr 2023 13:16

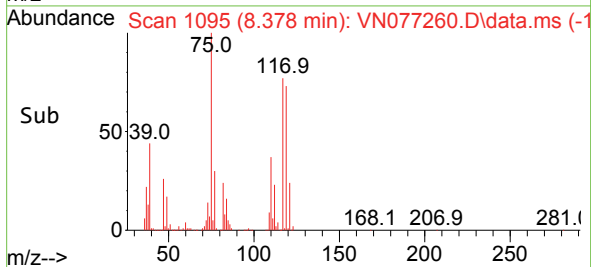
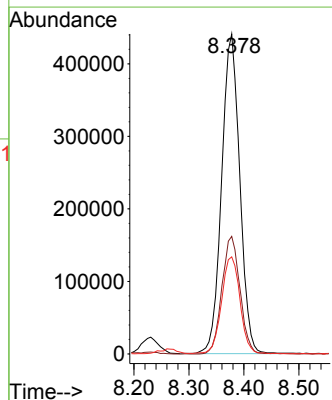
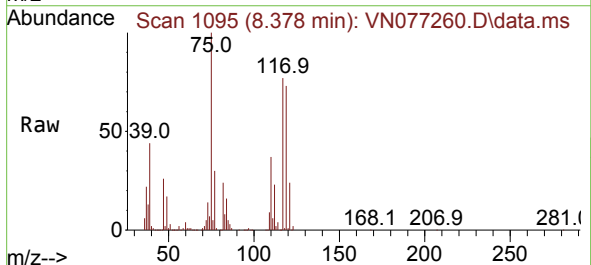
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

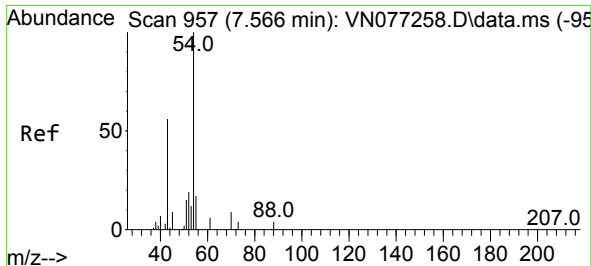
Tgt Ion:113 Resp: 706827
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.4 125.0
 192 15.9 13.5 20.3



#36
 1,1-Dichloropropene
 Concen: 95.084 ug/l
 RT: 8.378 min Scan# 1095
 Delta R.T. -0.000 min
 Lab File: VN077260.D
 Acq: 05 Apr 2023 13:16

Tgt Ion: 75 Resp: 1008889
 Ion Ratio Lower Upper
 75 100
 110 36.6 17.8 53.5
 77 30.8 25.0 37.4

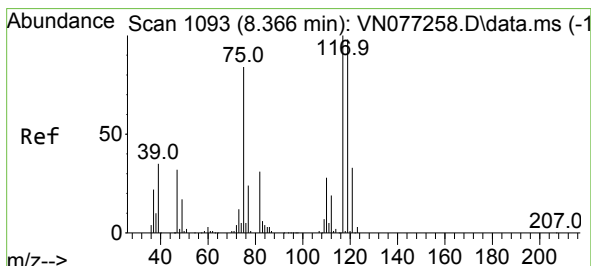
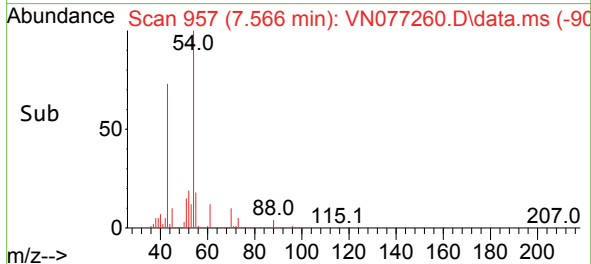
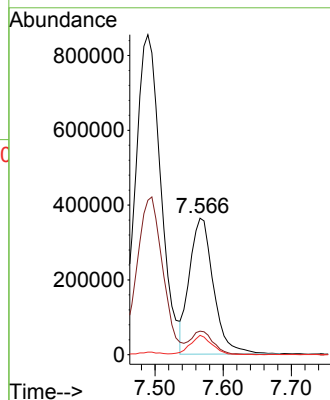
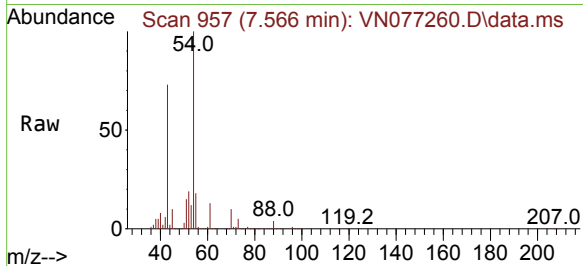




#37
Ethyl Acetate
Concen: 93.263 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

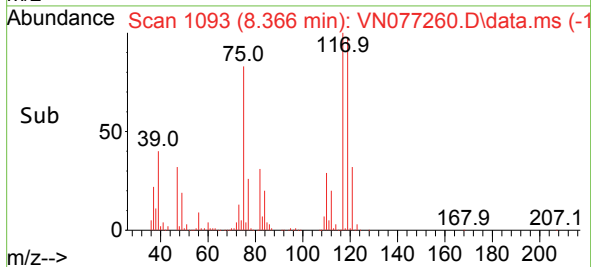
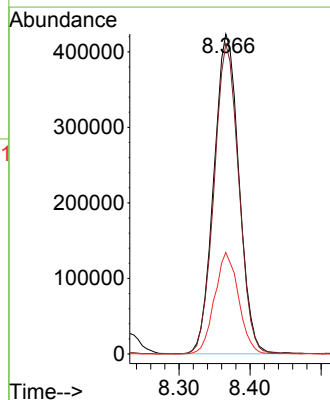
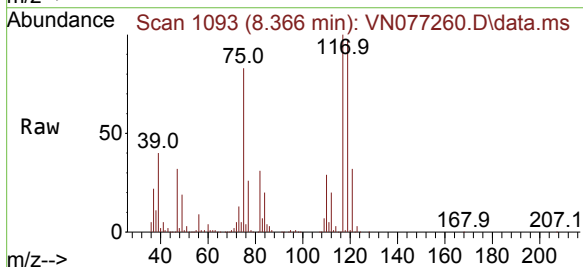
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

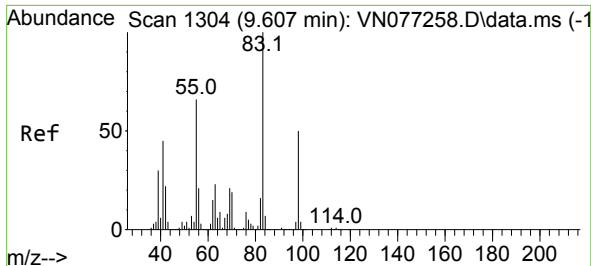
Tgt Ion: 43 Resp: 885374
Ion Ratio Lower Upper
43 100
61 16.2 12.2 18.2
70 13.0 10.0 15.0



#38
Carbon Tetrachloride
Concen: 95.631 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 117 Resp: 1039578
Ion Ratio Lower Upper
117 100
119 96.9 78.5 117.7
121 31.7 26.6 40.0





#39

Methylcyclohexane

Concen: 94.578 ug/l

RT: 9.607 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077260.D

Acq: 05 Apr 2023 13:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

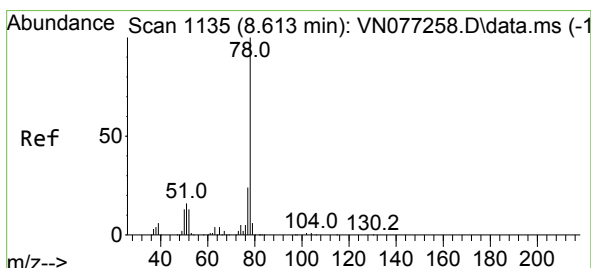
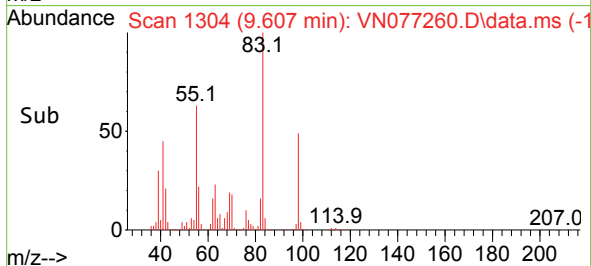
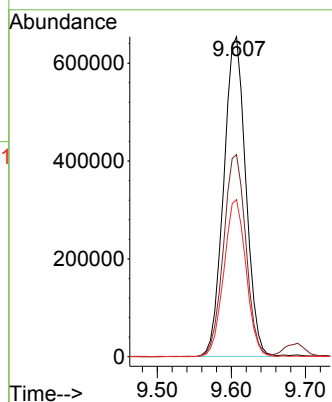
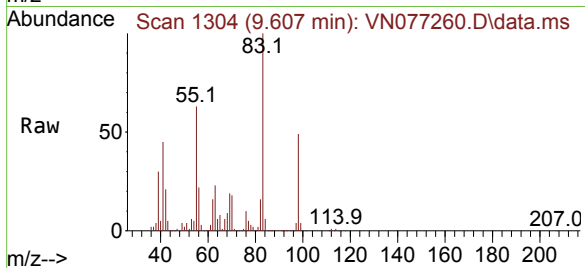
Tgt Ion: 83 Resp: 1353169

Ion Ratio Lower Upper

83 100

55 63.1 52.4 78.6

98 49.1 39.8 59.6



#40

Benzene

Concen: 92.842 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077260.D

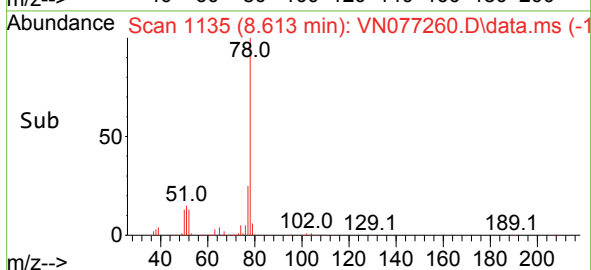
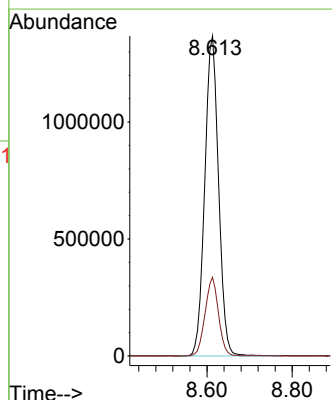
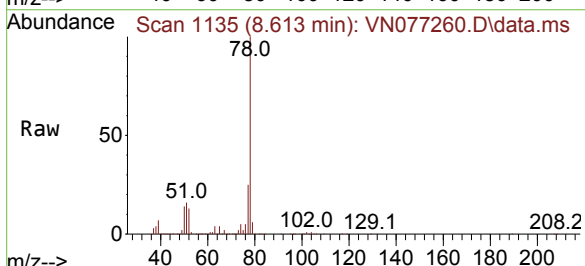
Acq: 05 Apr 2023 13:16

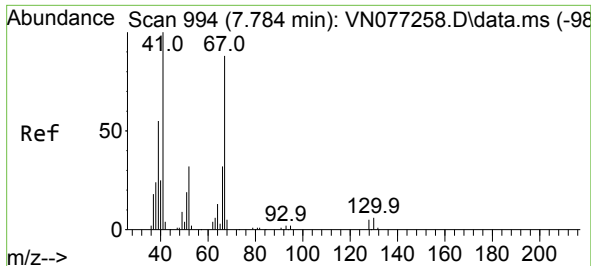
Tgt Ion: 78 Resp: 3072656

Ion Ratio Lower Upper

78 100

77 24.6 19.5 29.3

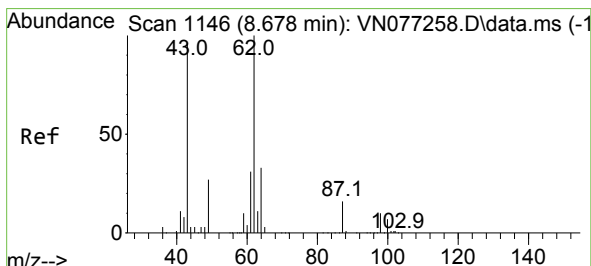
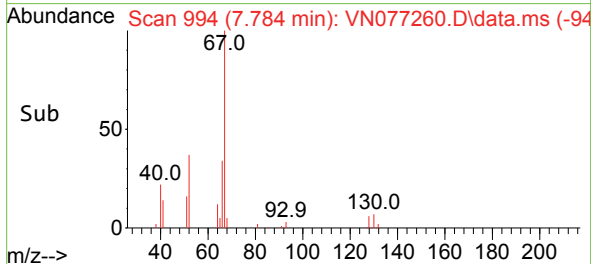
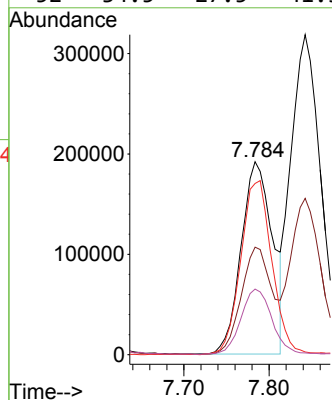
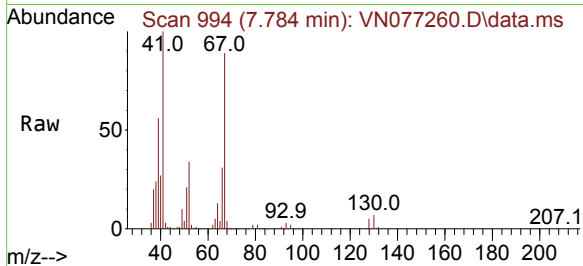




#41
Methacrylonitrile
Concen: 96.295 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

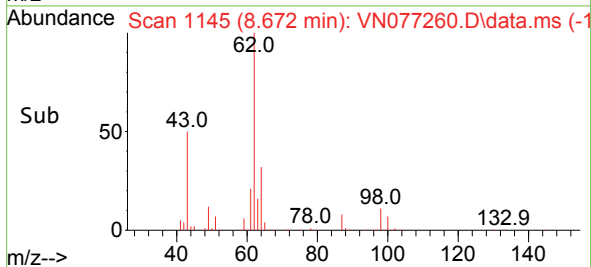
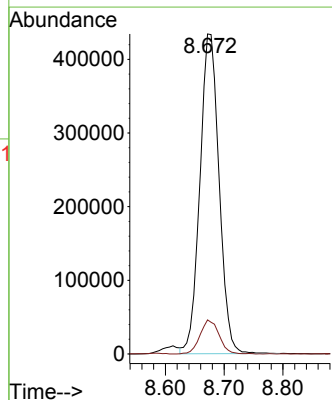
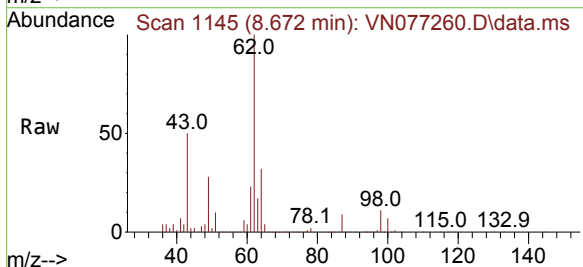
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

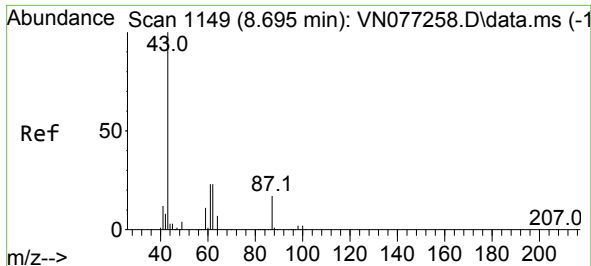
Tgt Ion: 41 Resp: 491379
Ion Ratio Lower Upper
41 100
39 55.1 44.1 66.1
67 90.5 71.4 107.2
52 34.5 27.5 41.3



#42
1,2-Dichloroethane
Concen: 96.700 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 62 Resp: 984978
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.2

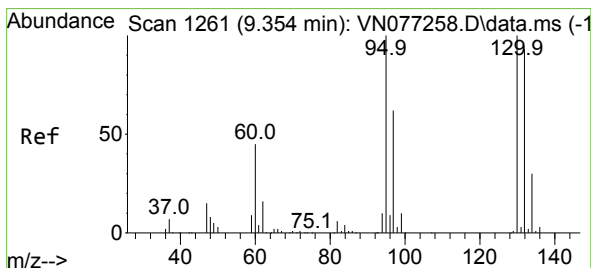
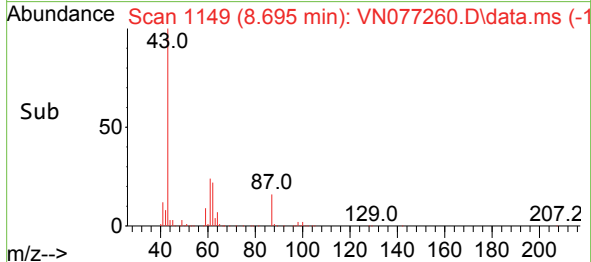
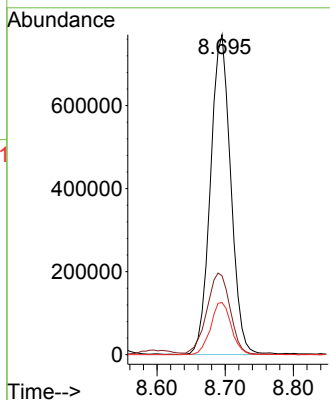
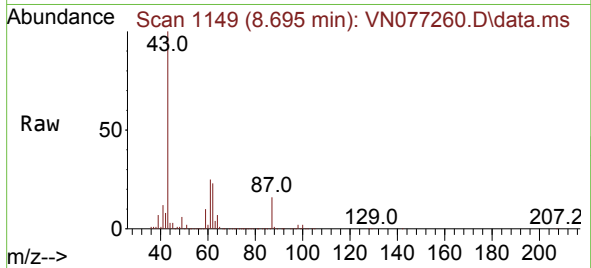




#43
Isopropyl Acetate
Concen: 91.031 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

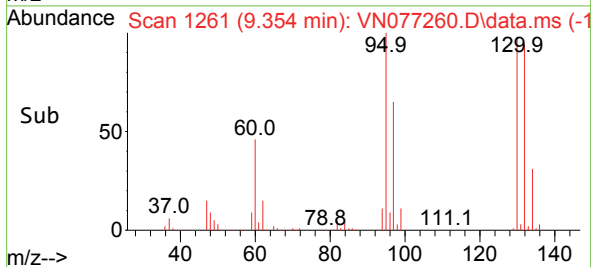
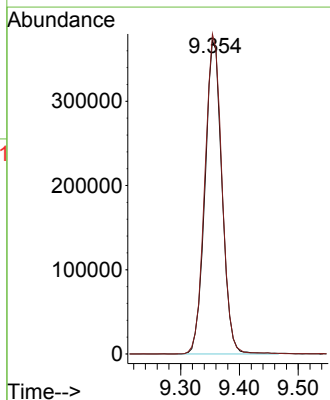
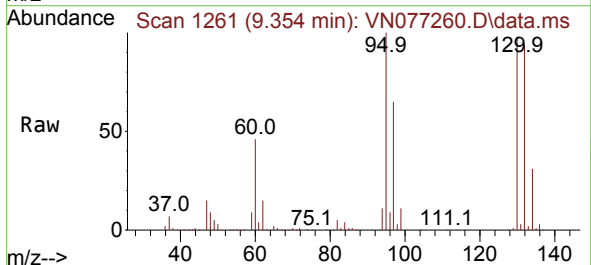
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

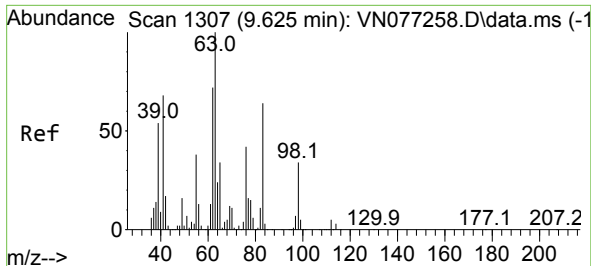
Tgt Ion: 43 Resp: 1594633
Ion Ratio Lower Upper
43 100
61 29.4 22.7 34.1
87 16.7 13.6 20.4



#44
Trichloroethene
Concen: 94.039 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 130 Resp: 744683
Ion Ratio Lower Upper
130 100
95 102.1 0.0 200.2

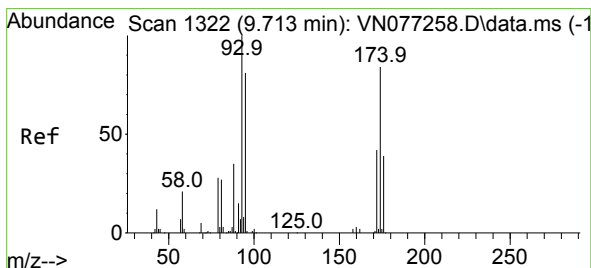
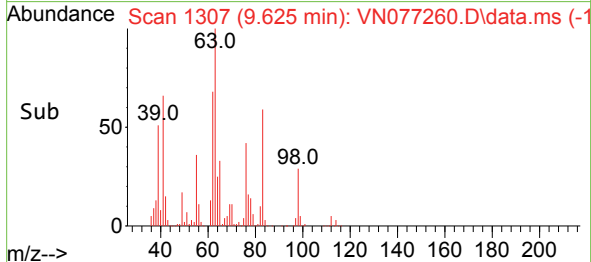
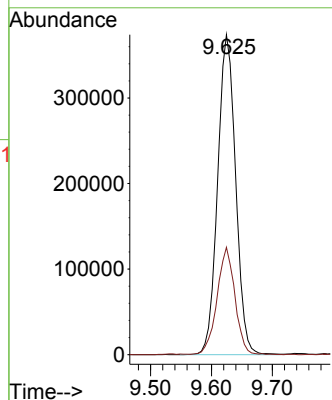
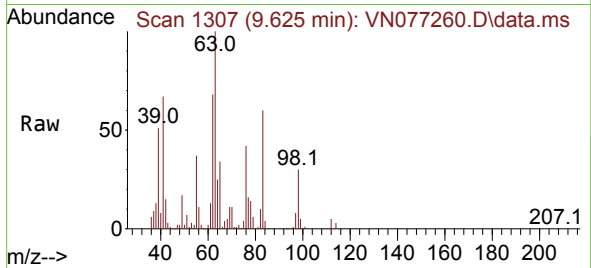




#45
1,2-Dichloropropane
Concen: 97.607 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

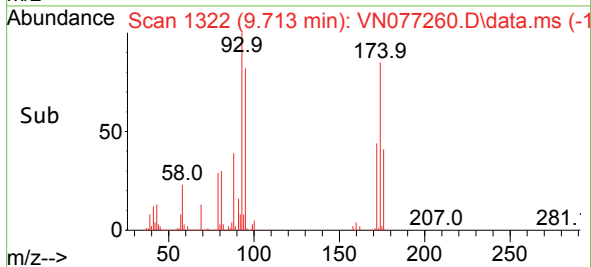
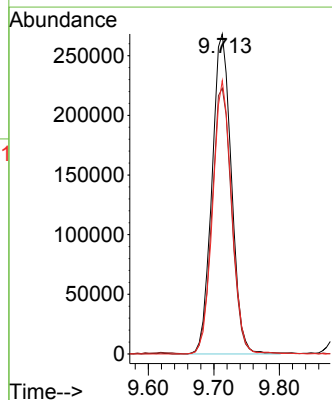
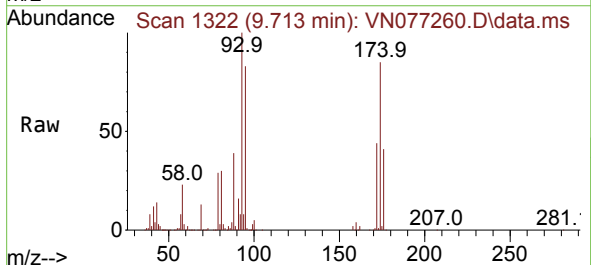
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

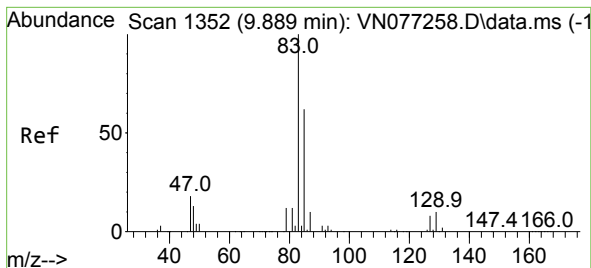
Tgt Ion: 63 Resp: 767199
Ion Ratio Lower Upper
63 100
65 33.5 27.1 40.7



#46
Dibromomethane
Concen: 93.308 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 93 Resp: 552572
Ion Ratio Lower Upper
93 100
95 83.3 65.8 98.6
174 83.2 66.0 99.0





#47

Bromodichloromethane

Concen: 91.583 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VN077260.D

Acq: 05 Apr 2023 13:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

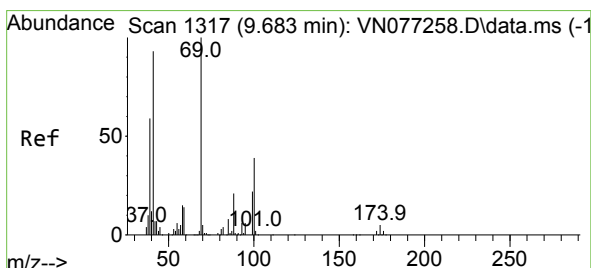
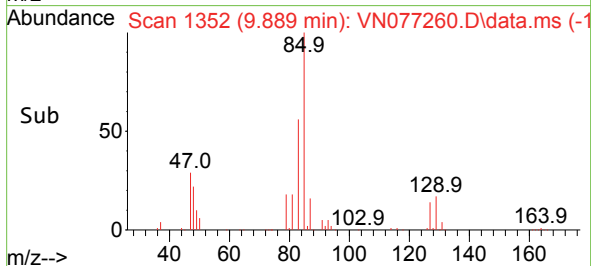
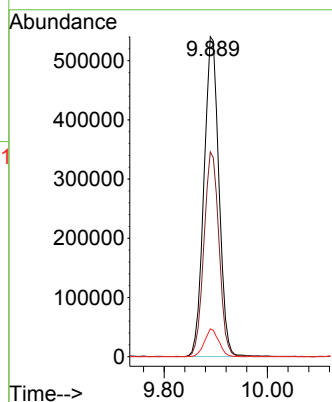
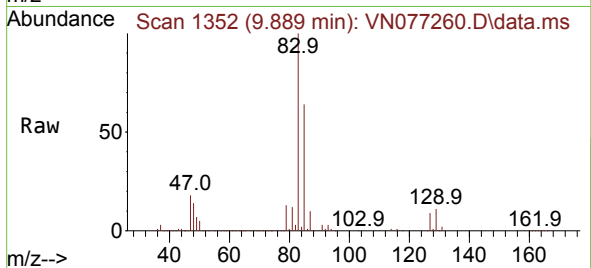
Tgt Ion: 83 Resp: 1084038

Ion Ratio Lower Upper

83 100

85 64.0 49.8 74.8

127 8.7 6.2 9.2



#48

Methyl methacrylate

Concen: 93.252 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN077260.D

Acq: 05 Apr 2023 13:16

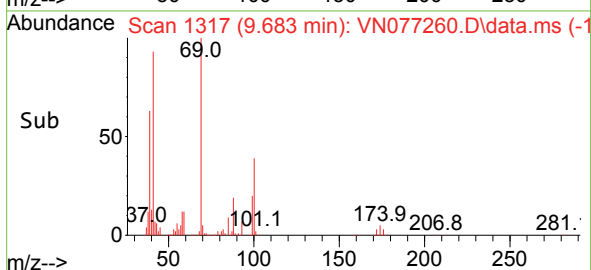
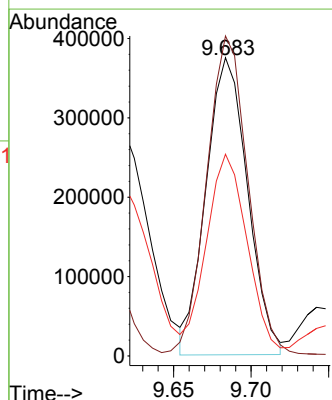
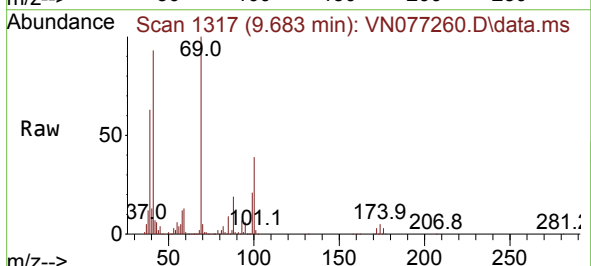
Tgt Ion: 41 Resp: 696850

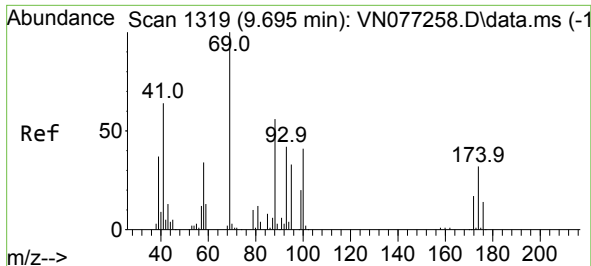
Ion Ratio Lower Upper

41 100

69 107.8 85.0 127.6

39 67.3 53.5 80.3

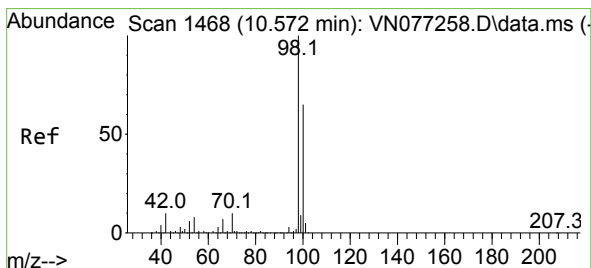
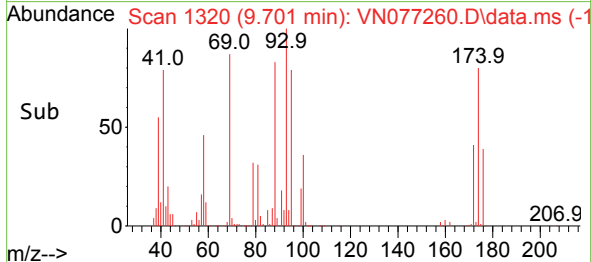
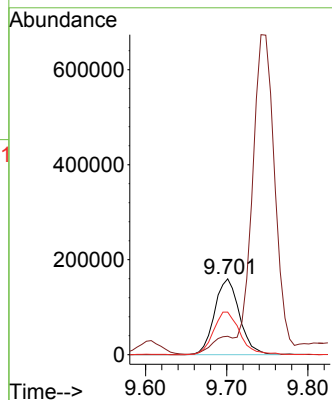
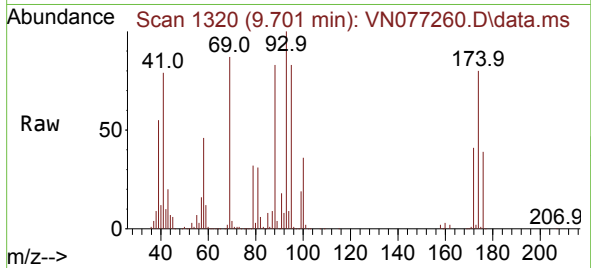




#49
1,4-Dioxane
Concen: 1879.922 ug/l
RT: 9.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

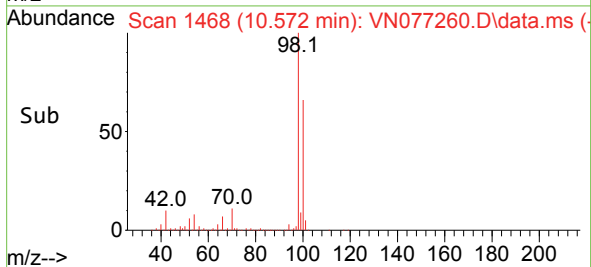
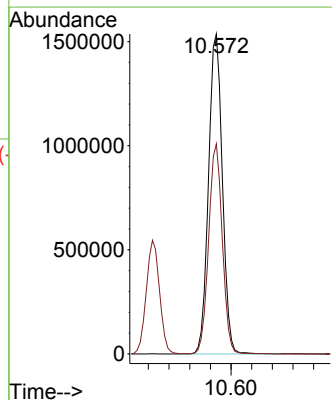
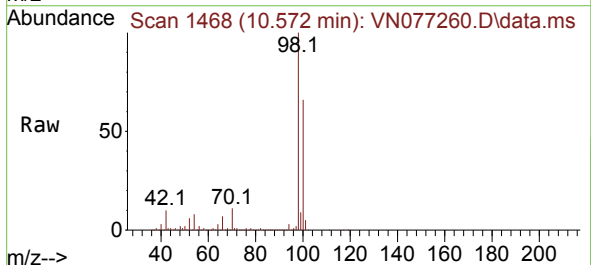
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

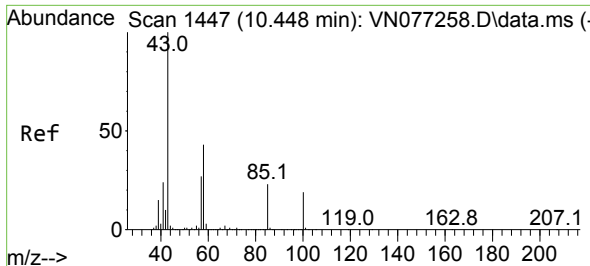
Tgt Ion: 88 Resp: 340592
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 59.8 49.8 74.6



#50
Toluene-d8
Concen: 98.924 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 98 Resp: 2856989
Ion Ratio Lower Upper
98 100
100 64.7 51.3 76.9

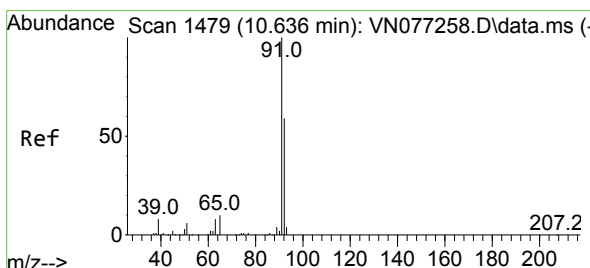
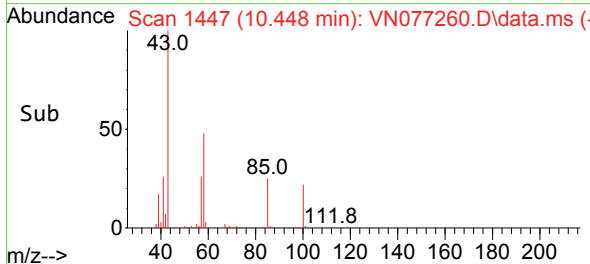
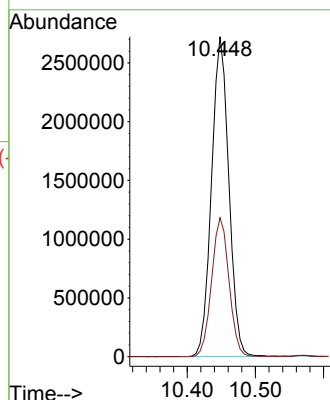
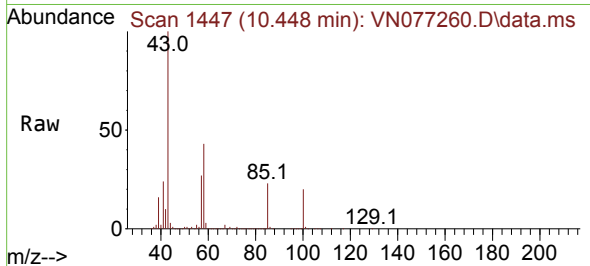




#51
4-Methyl-2-Pentanone
Concen: 475.358 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

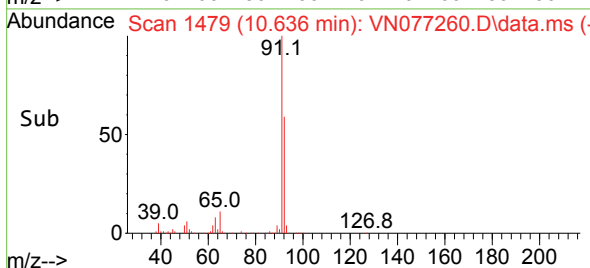
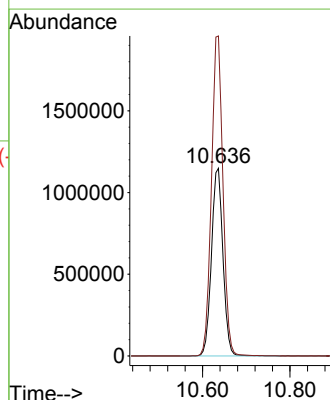
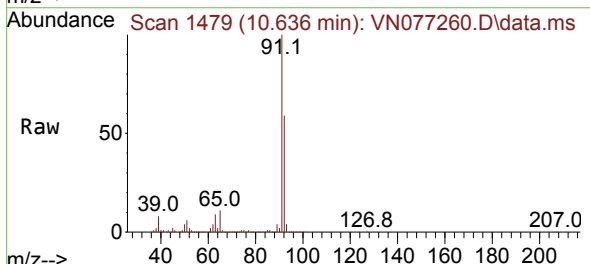
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

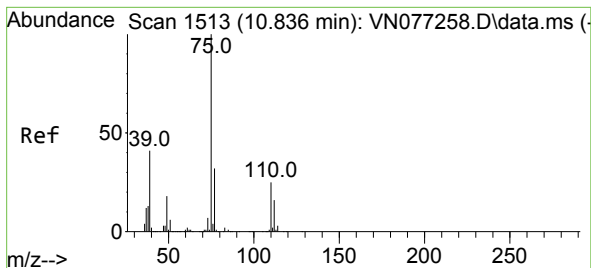
Tgt Ion: 43 Resp: 4813220
Ion Ratio Lower Upper
43 100
58 43.7 34.6 52.0



#52
Toluene
Concen: 96.663 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 92 Resp: 2093959
Ion Ratio Lower Upper
92 100
91 171.1 138.0 207.0

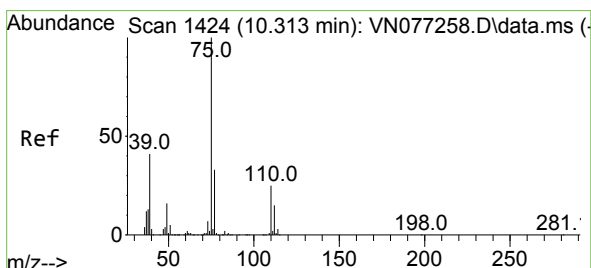
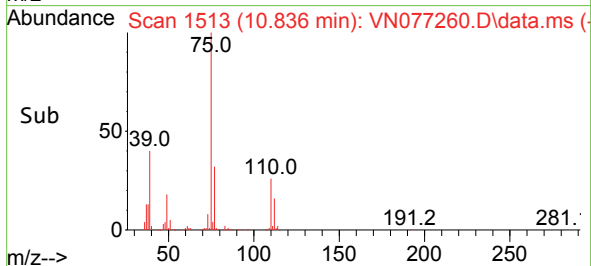
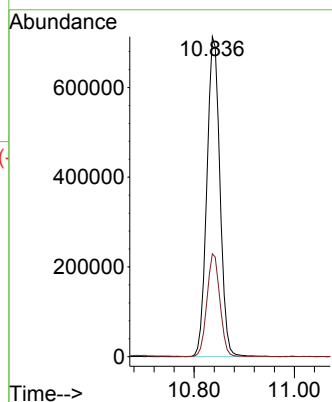
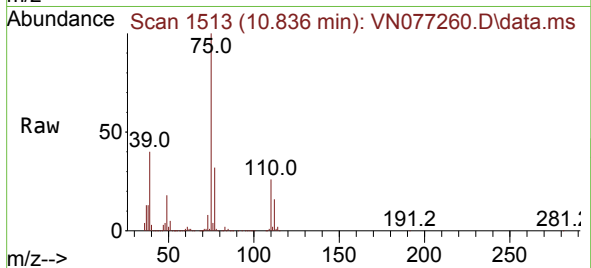




#53
t-1,3-Dichloropropene
Concen: 100.494 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

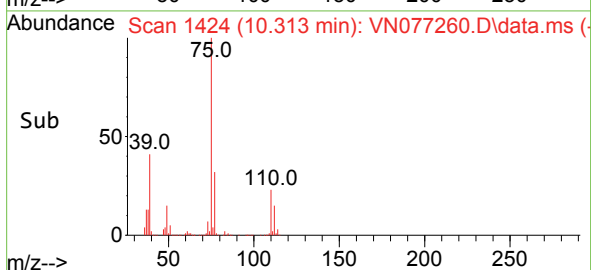
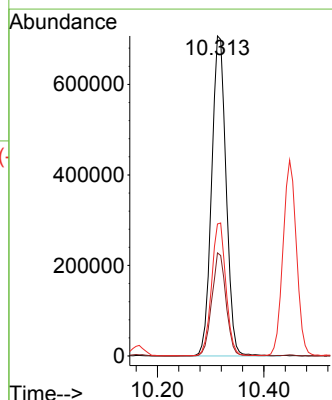
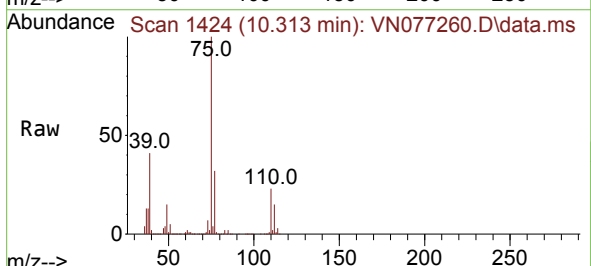
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

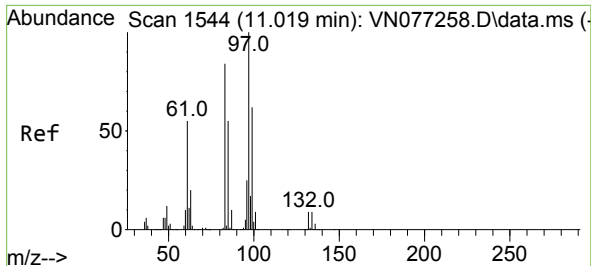
Tgt Ion: 75 Resp: 1291689
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 97.561 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 75 Resp: 1335712
Ion Ratio Lower Upper
75 100
77 32.2 26.7 40.1
39 41.2 32.8 49.2

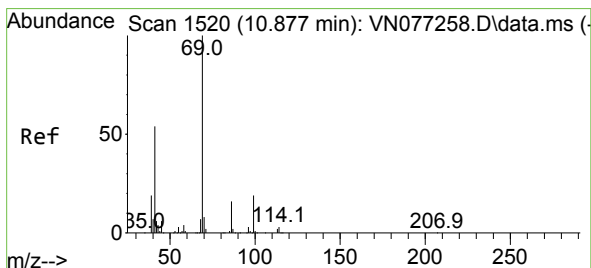
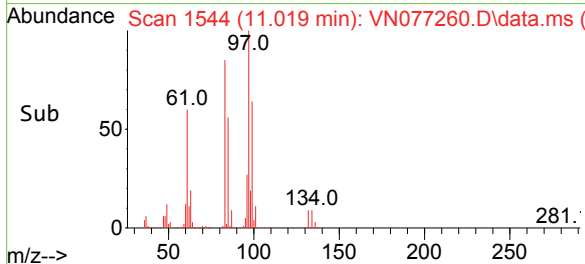
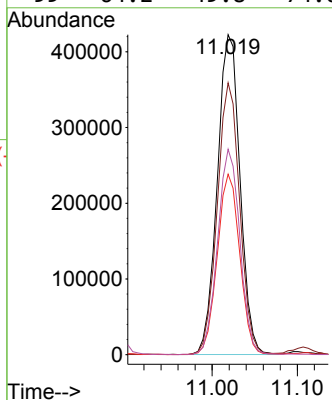
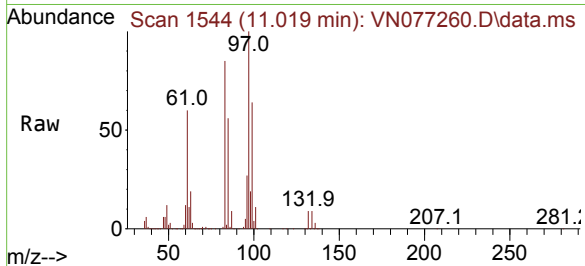




#55
1,1,2-Trichloroethane
Concen: 92.313 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

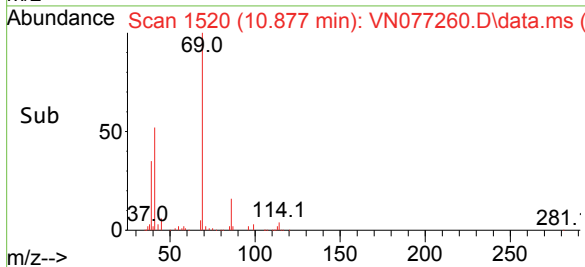
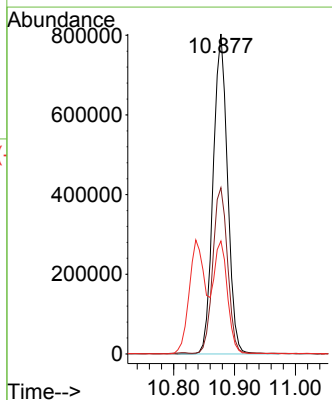
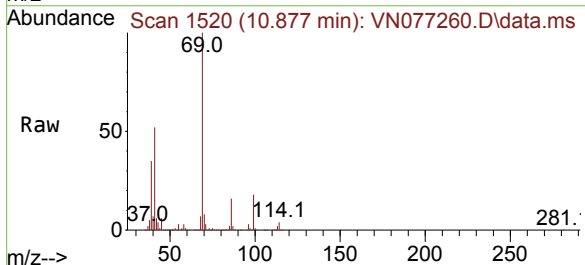
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

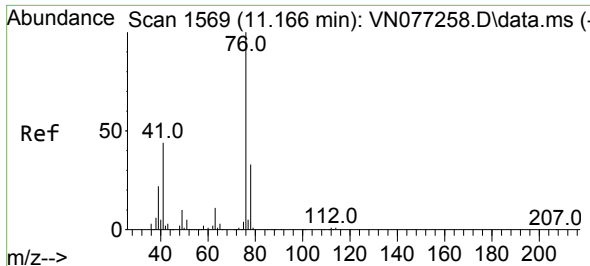
Tgt Ion: 97 Resp: 784979
Ion Ratio Lower Upper
97 100
83 84.9 67.4 101.2
85 56.3 44.1 66.1
99 64.2 49.8 74.6



#56
Ethyl methacrylate
Concen: 99.222 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 69 Resp: 1314169
Ion Ratio Lower Upper
69 100
41 53.1 42.8 64.2
39 32.5 27.0 40.4

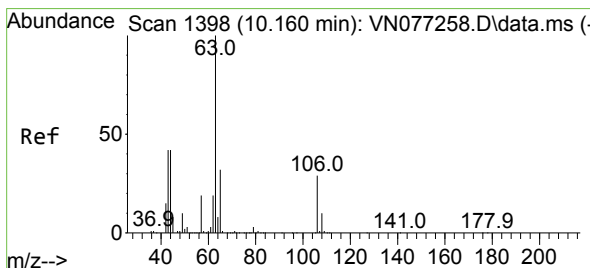
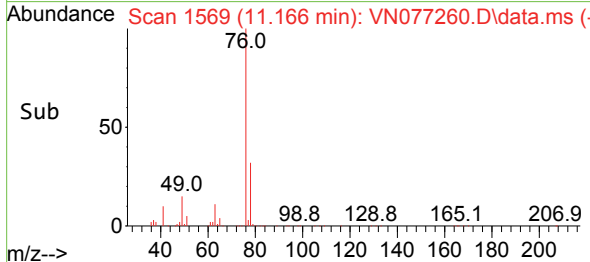
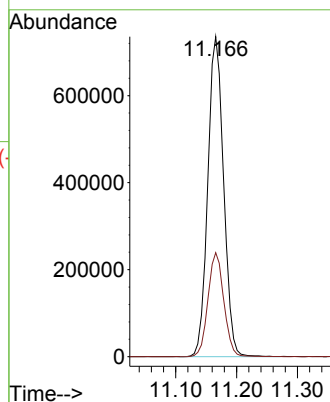
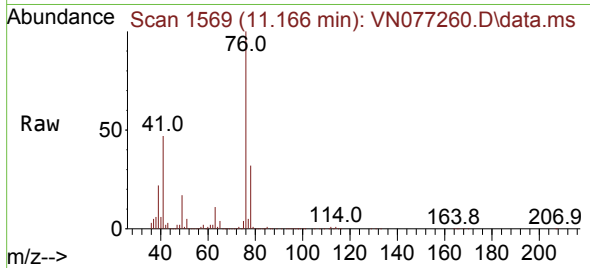




#57
1,3-Dichloropropane
Concen: 94.402 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

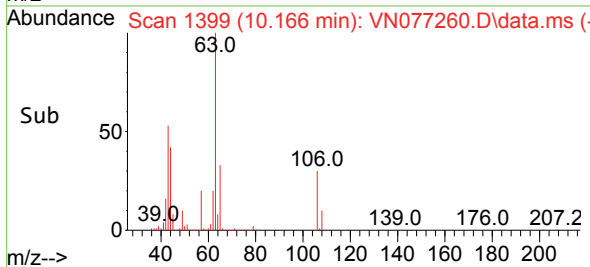
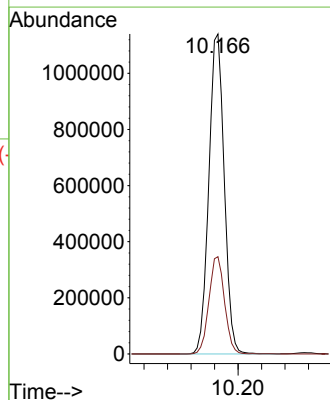
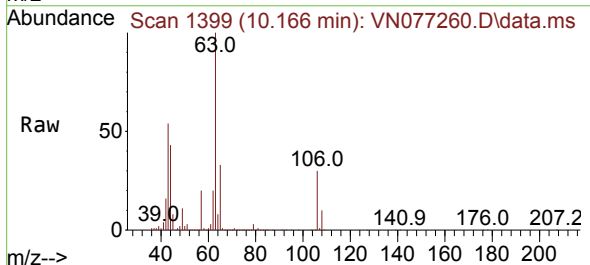
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

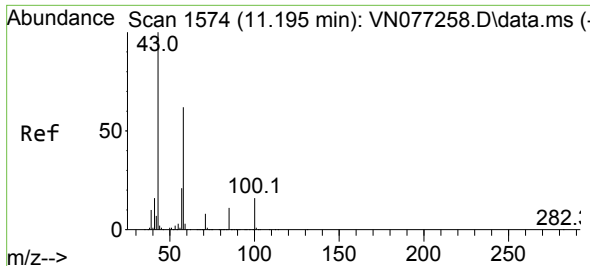
Tgt Ion: 76 Resp: 1326219
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 526.939 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 63 Resp: 2077570
Ion Ratio Lower Upper
63 100
106 30.8 24.1 36.1

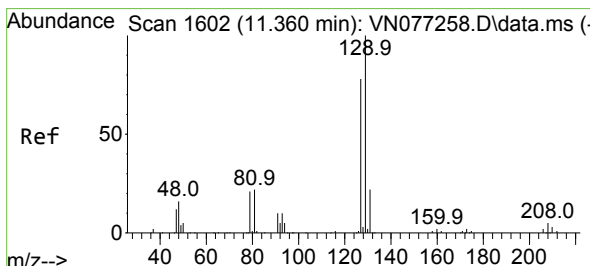
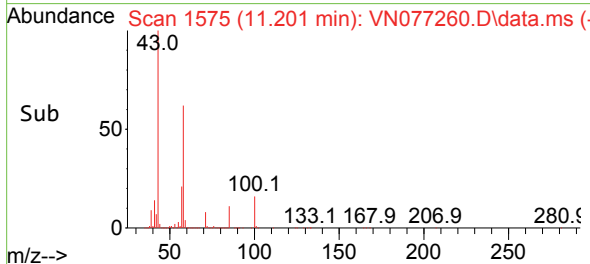
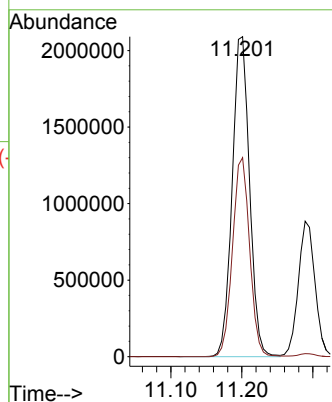
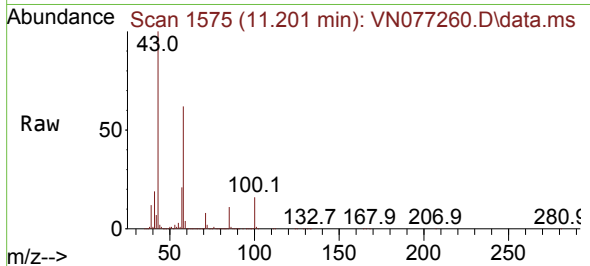




#59
2-Hexanone
Concen: 470.866 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

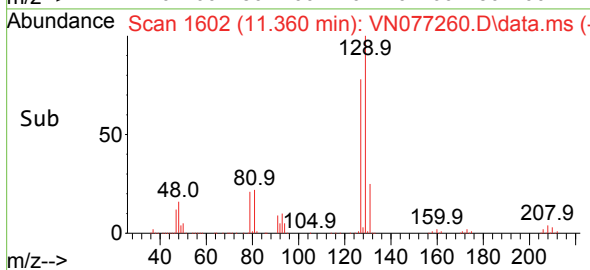
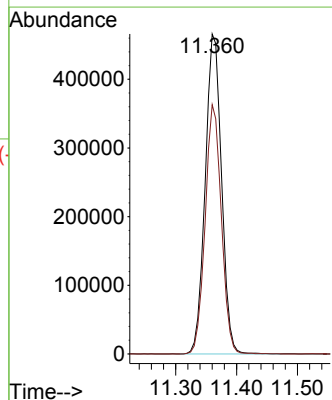
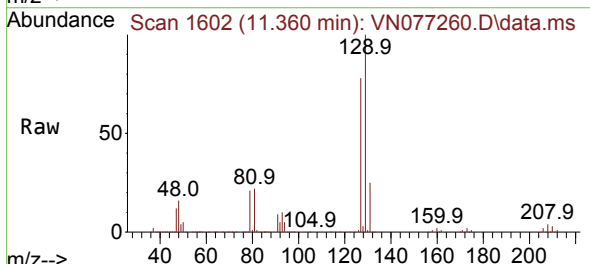
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

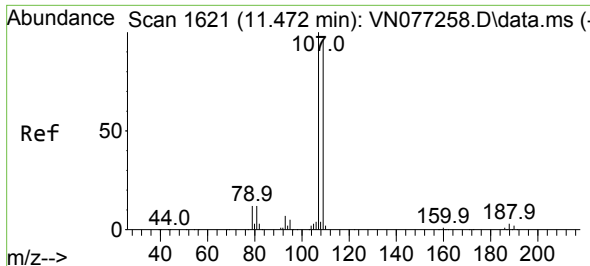
Tgt Ion: 43 Resp: 3551961
Ion Ratio Lower Upper
43 100
58 61.4 30.9 92.5



#60
Dibromochloromethane
Concen: 99.017 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion:129 Resp: 867182
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.5

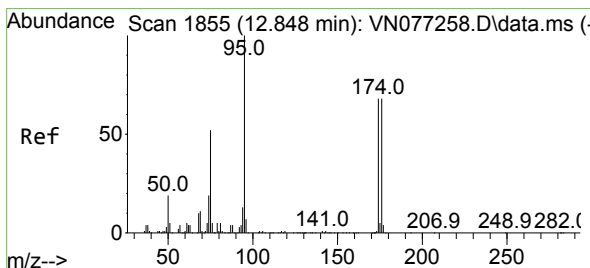
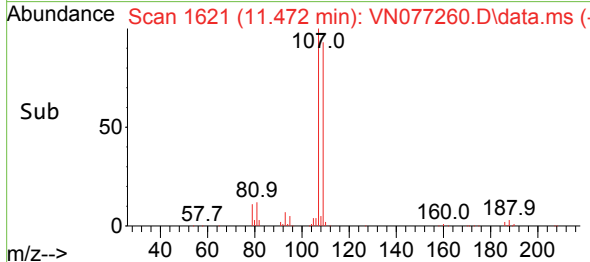
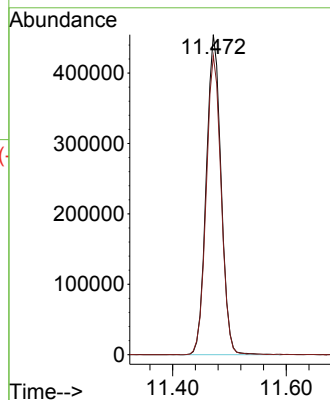
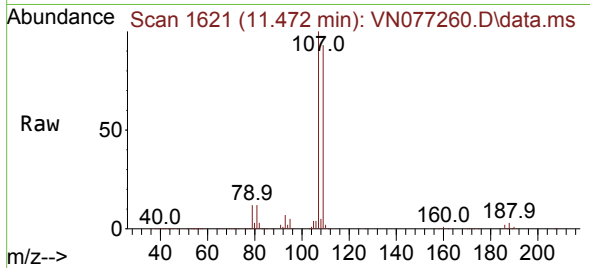




#61
1,2-Dibromoethane
Concen: 96.391 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

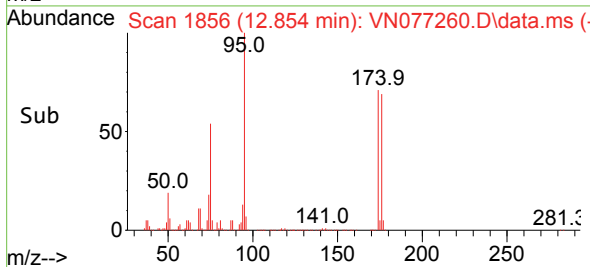
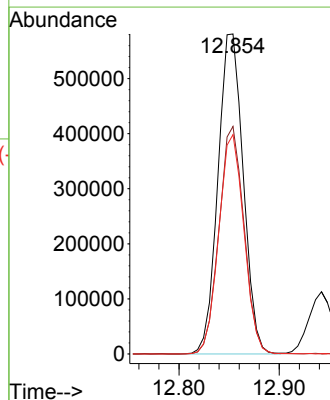
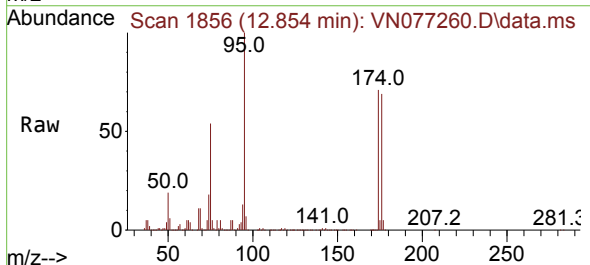
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

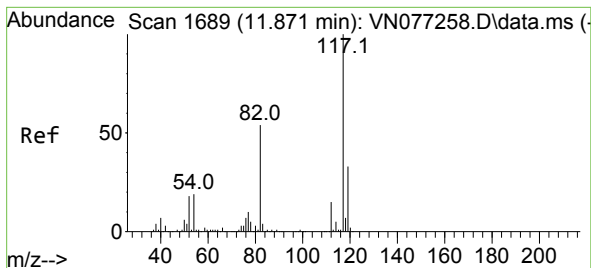
Tgt Ion:107 Resp: 818123
Ion Ratio Lower Upper
107 100
109 94.5 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 106.060 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 95 Resp: 1018730
Ion Ratio Lower Upper
95 100
174 70.3 0.0 146.8
176 68.2 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN077260.D

Acq: 05 Apr 2023 13:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

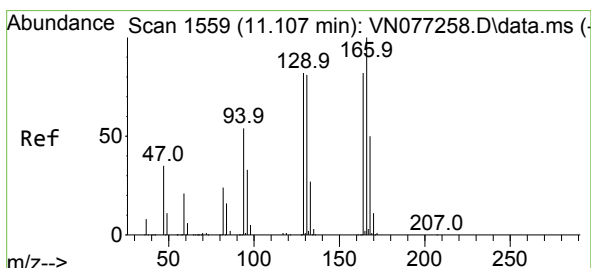
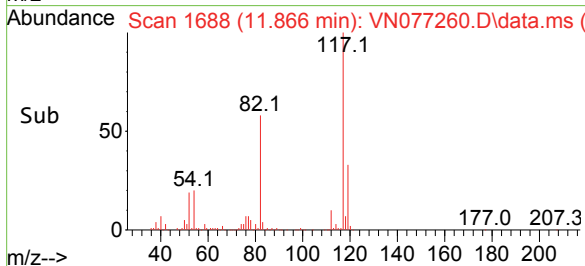
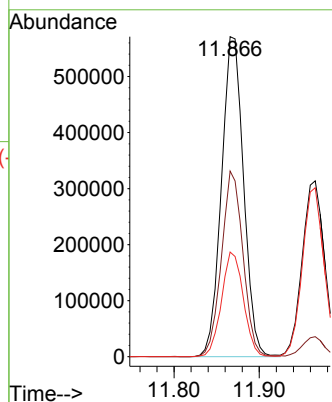
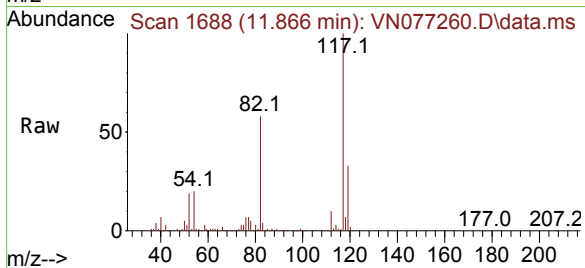
Tgt Ion:117 Resp: 1029625

Ion Ratio Lower Upper

117 100

82 58.0 42.9 64.3

119 32.7 26.2 39.4



#64

Tetrachloroethene

Concen: 92.253 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. -0.000 min

Lab File: VN077260.D

Acq: 05 Apr 2023 13:16

Tgt Ion:164 Resp: 586784

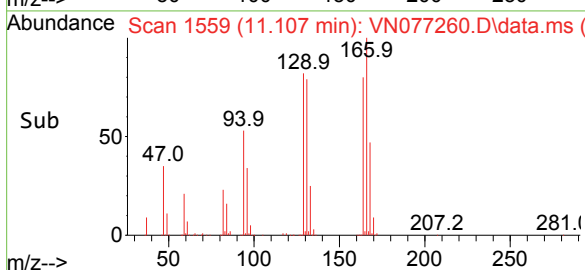
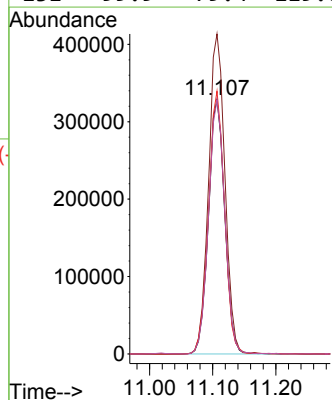
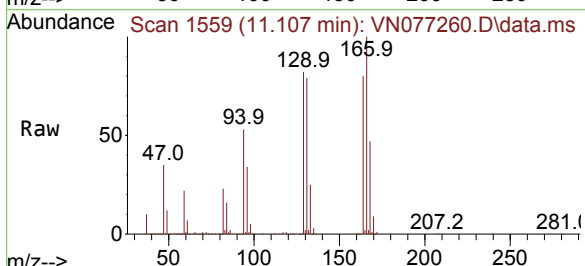
Ion Ratio Lower Upper

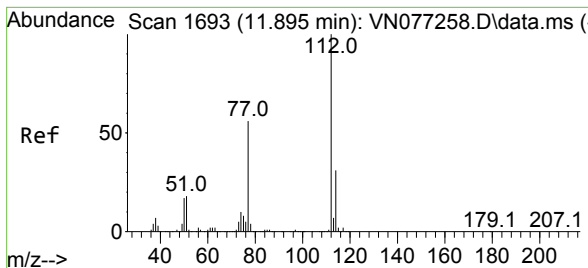
164 100

166 125.8 97.8 146.6

129 103.3 80.1 120.1

131 99.9 79.4 119.0

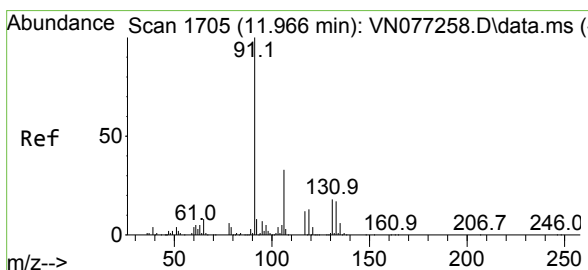
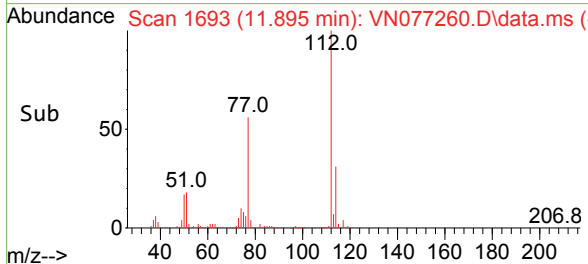
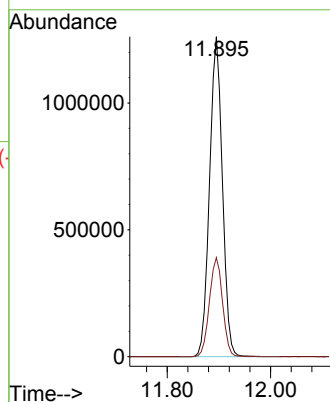
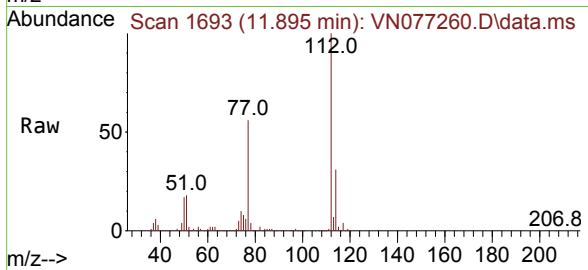




#65
Chlorobenzene
Concen: 95.922 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

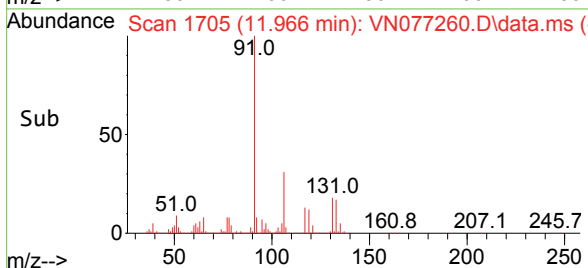
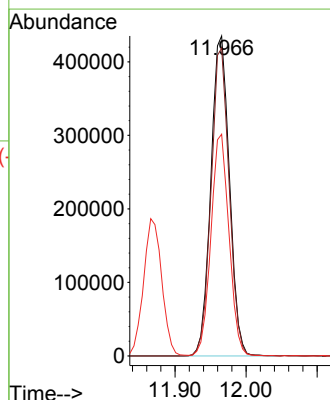
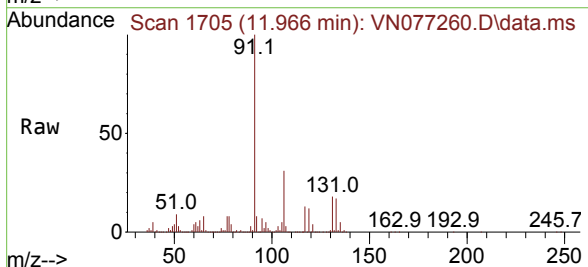
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

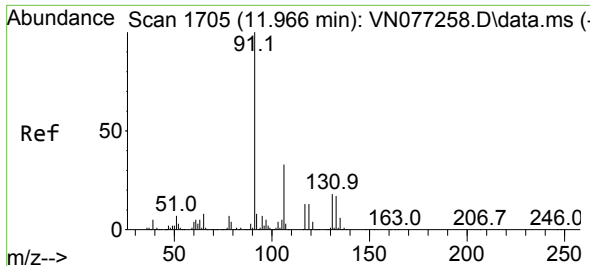
Tgt Ion:112 Resp: 2174405
Ion Ratio Lower Upper
112 100
114 31.0 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 92.009 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion:131 Resp: 789163
Ion Ratio Lower Upper
131 100
133 93.8 46.9 140.6
119 67.6 34.0 102.0

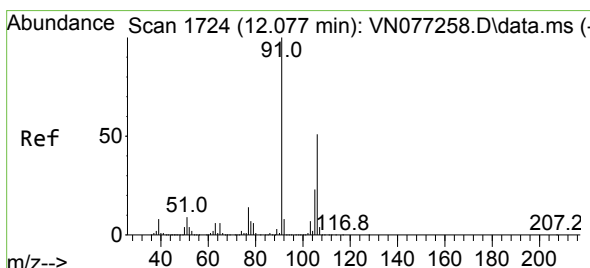
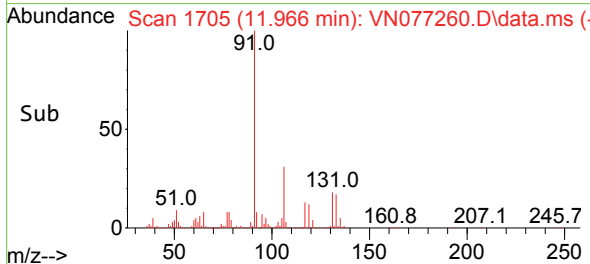
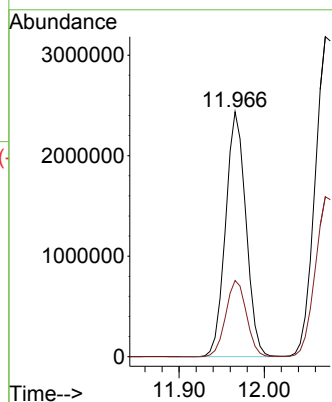
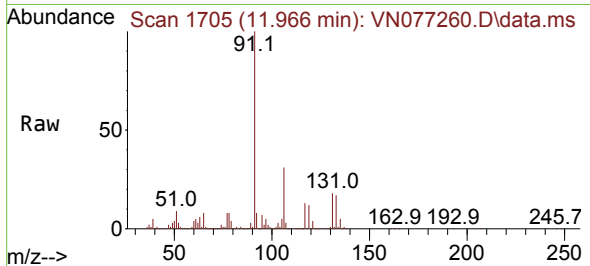




#67
Ethyl Benzene
Concen: 96.743 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

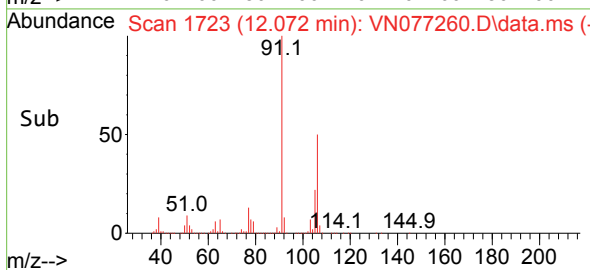
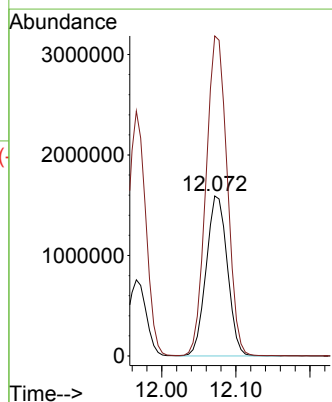
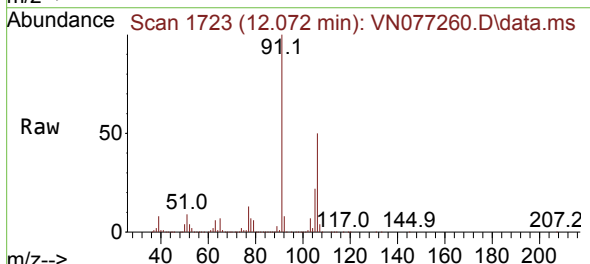
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

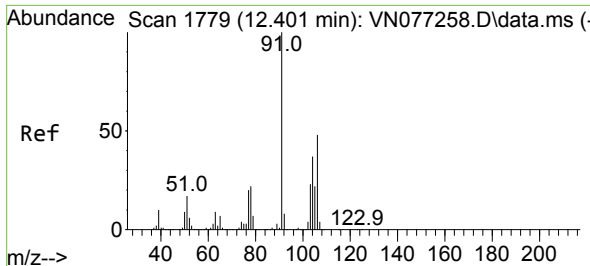
Tgt Ion: 91 Resp: 4046773
Ion Ratio Lower Upper
91 100
106 31.1 26.2 39.2



#68
m/p-Xylenes
Concen: 192.257 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.005 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 106 Resp: 3159944
Ion Ratio Lower Upper
106 100
91 199.8 158.7 238.1

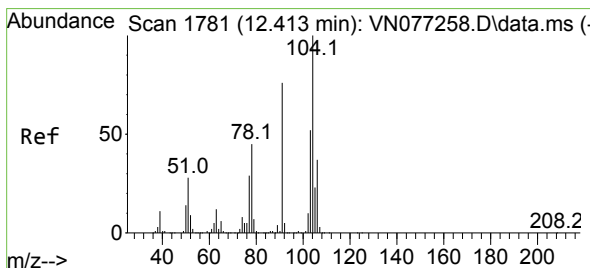
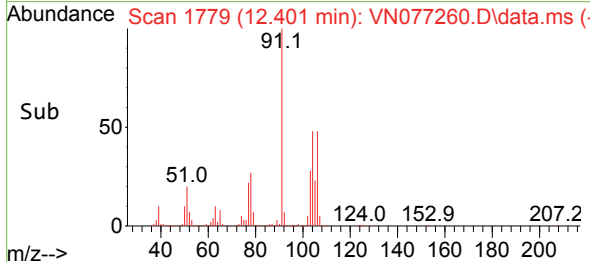
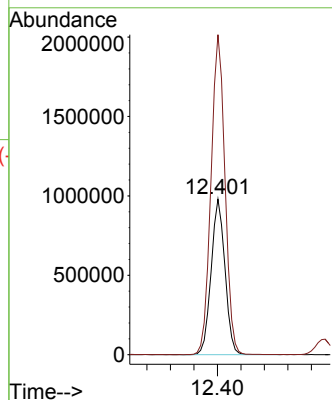
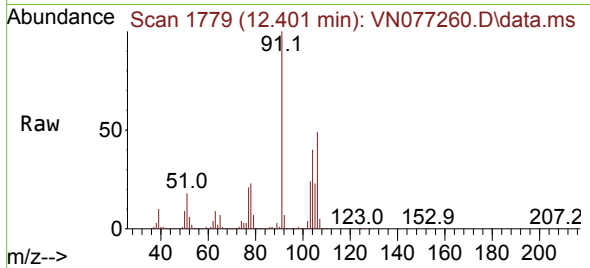




#69
o-Xylene
Concen: 98.272 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

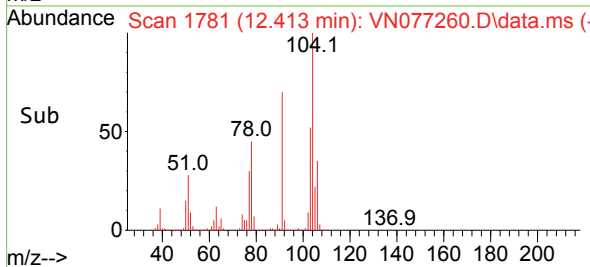
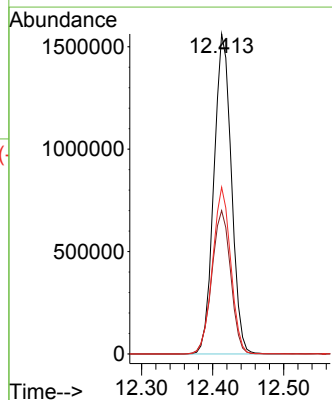
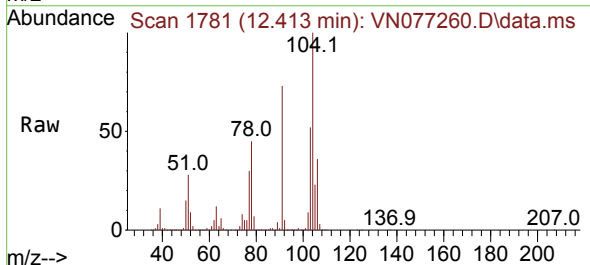
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

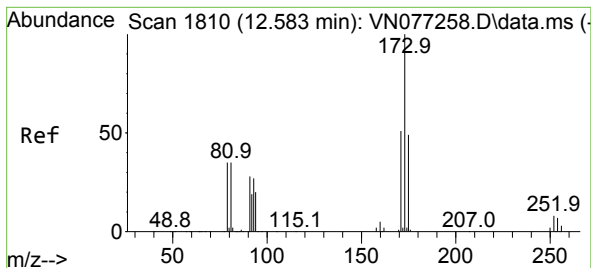
Tgt Ion:106 Resp: 1593433
Ion Ratio Lower Upper
106 100
91 208.6 104.0 312.0



#70
Styrene
Concen: 102.186 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion:104 Resp: 2666325
Ion Ratio Lower Upper
104 100
78 48.2 38.0 57.0
103 54.1 43.1 64.7





#71

Bromoform

Concen: 100.245 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN077260.D

Acq: 05 Apr 2023 13:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

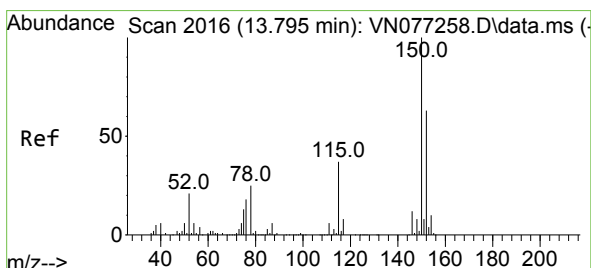
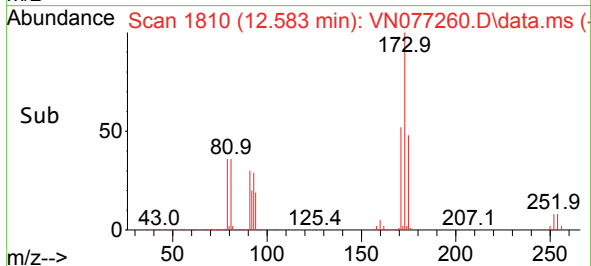
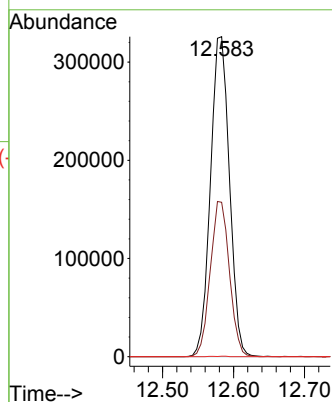
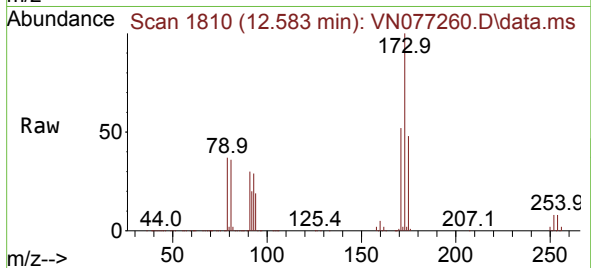
Tgt Ion:173 Resp: 605246

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.4

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN077260.D

Acq: 05 Apr 2023 13:16

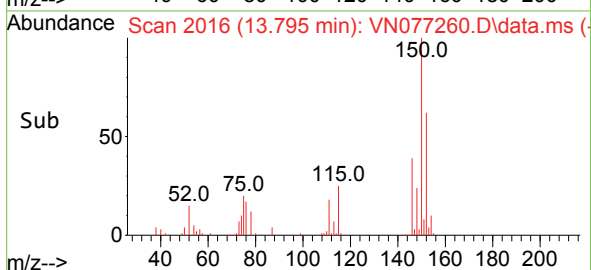
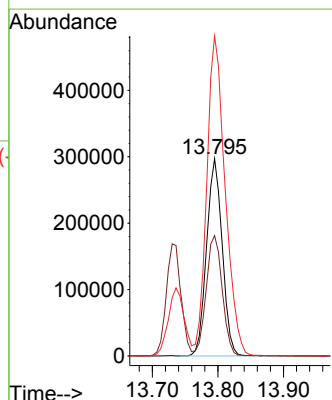
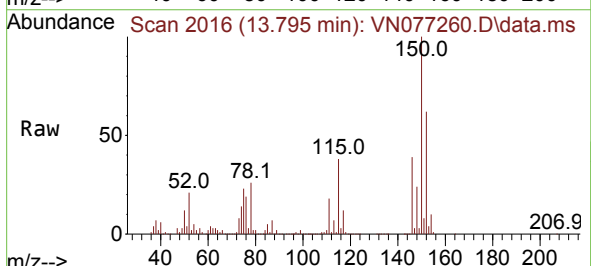
Tgt Ion:152 Resp: 494181

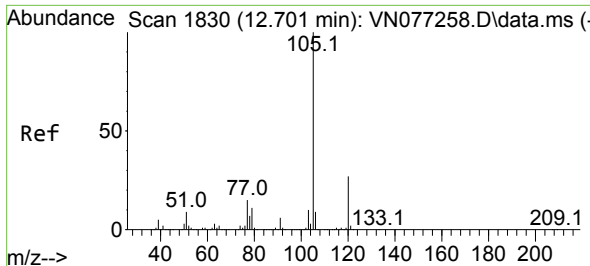
Ion Ratio Lower Upper

152 100

115 62.8 32.1 96.3

150 189.7 0.0 354.8

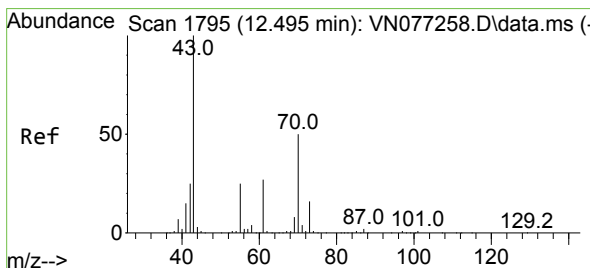
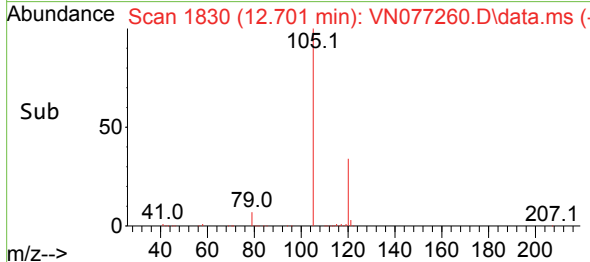
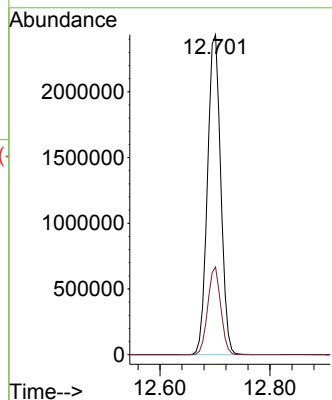
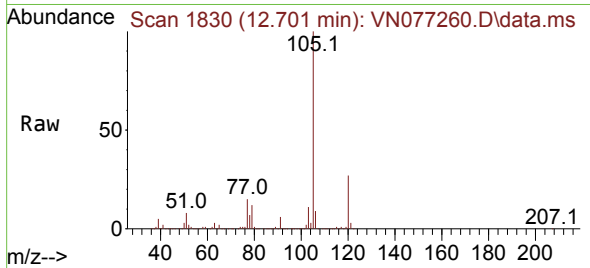




#73
Isopropylbenzene
Concen: 84.823 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

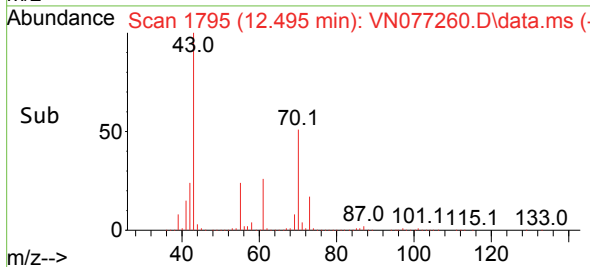
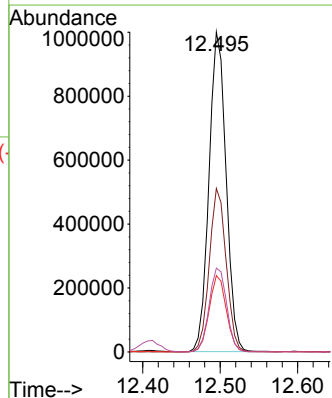
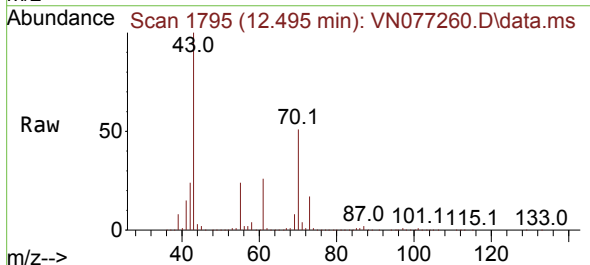
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

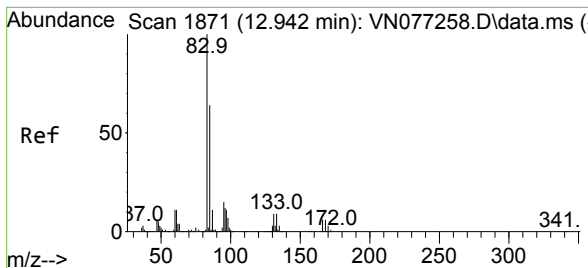
Tgt Ion:105 Resp: 4071485
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6



#74
N-ethyl acetate
Concen: 84.035 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 43 Resp: 1528603
Ion Ratio Lower Upper
43 100
70 50.8 41.0 61.6
55 24.0 19.3 28.9
61 27.1 22.0 33.0

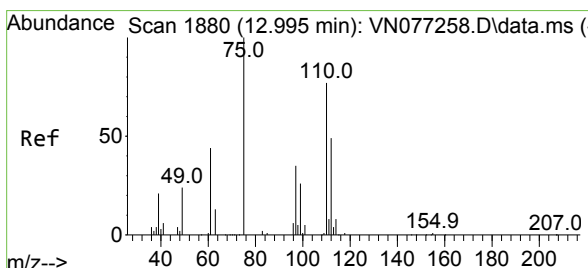
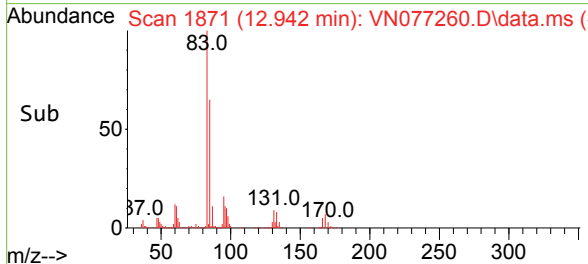
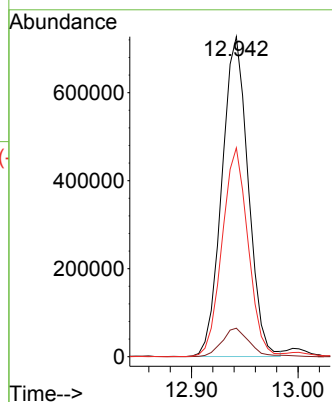
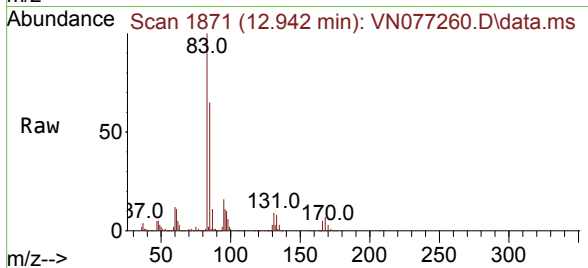




#75
1,1,2-Tetrachloroethane
Concen: 82.841 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

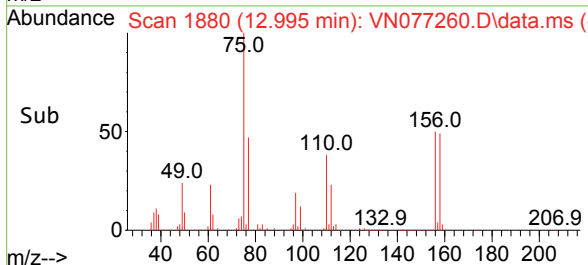
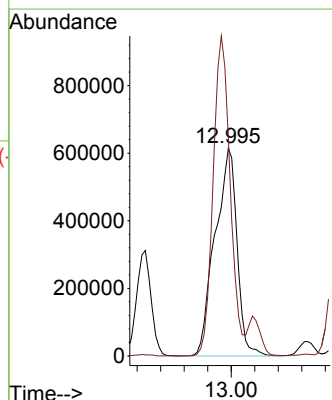
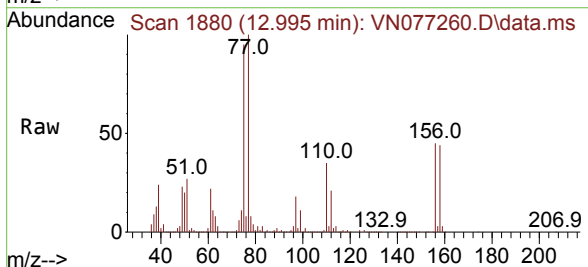
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

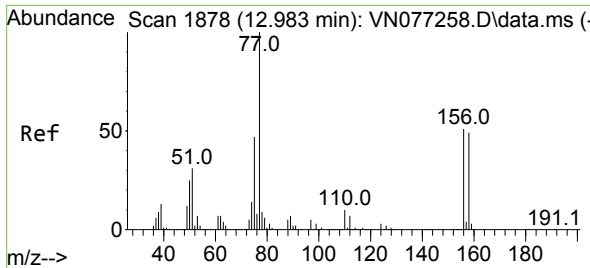
Tgt Ion: 83 Resp: 1247866
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.6
85 64.3 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 135.259 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 75 Resp: 1591698
Ion Ratio Lower Upper
75 100
77 120.5 88.3 264.9

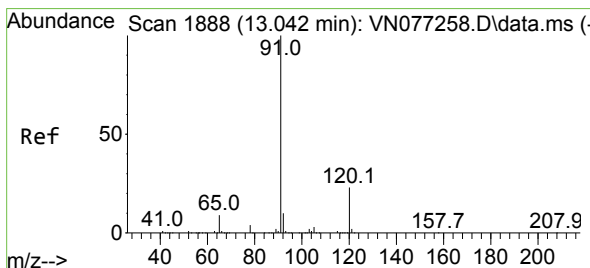
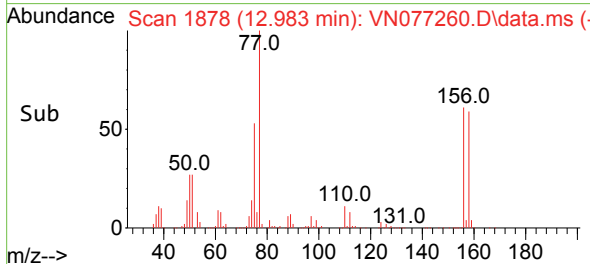
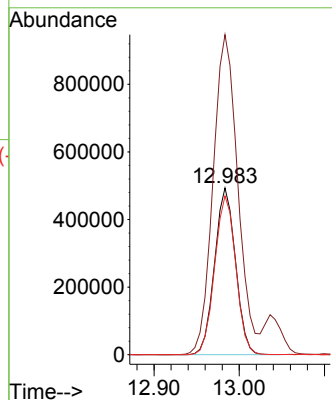
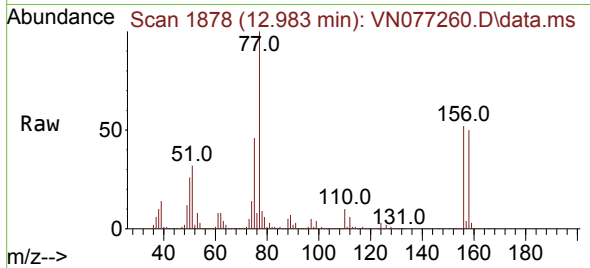




#77
Bromobenzene
Concen: 86.265 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

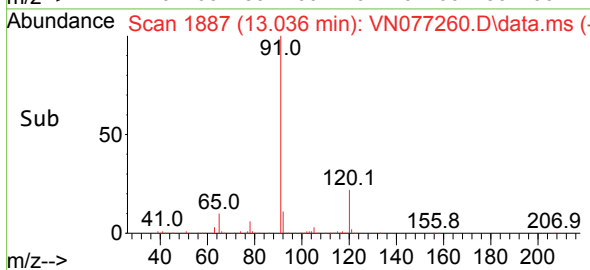
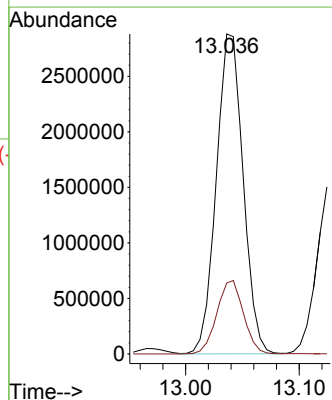
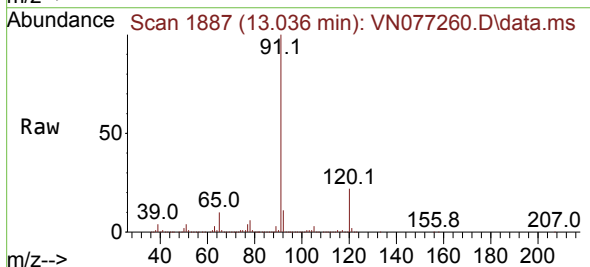
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

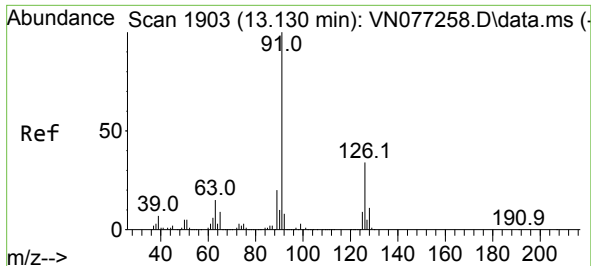
Tgt Ion:156 Resp: 841930
Ion Ratio Lower Upper
156 100
77 227.8 115.3 345.8
158 96.1 49.3 147.8



#78
n-propylbenzene
Concen: 89.241 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 91 Resp: 4732950
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.5

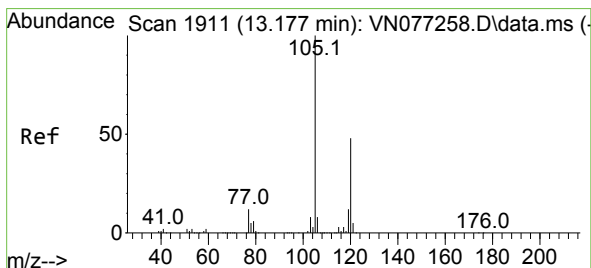
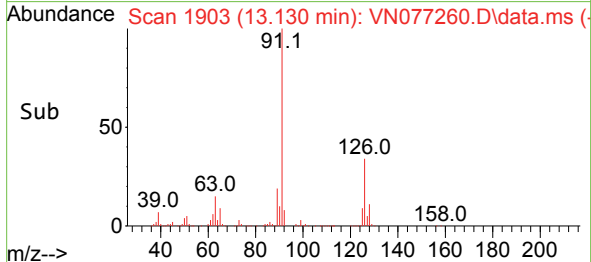
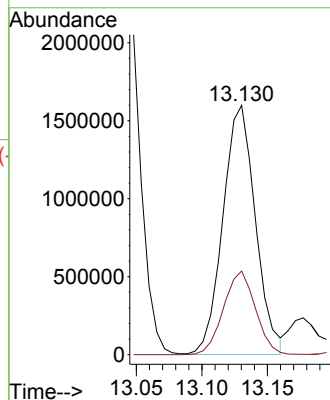
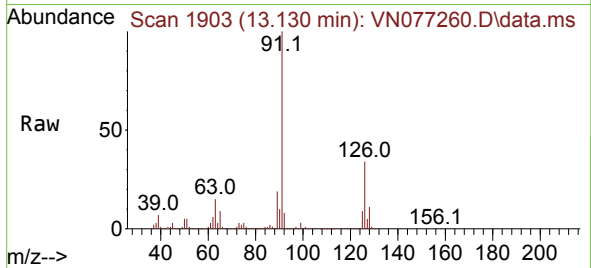




#79
2-Chlorotoluene
Concen: 86.377 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

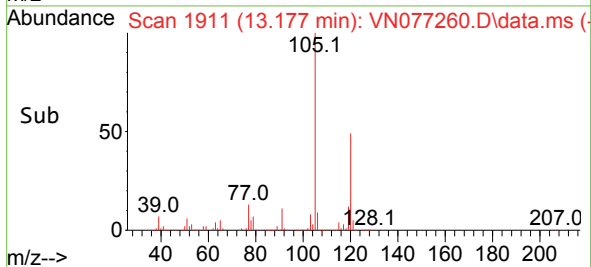
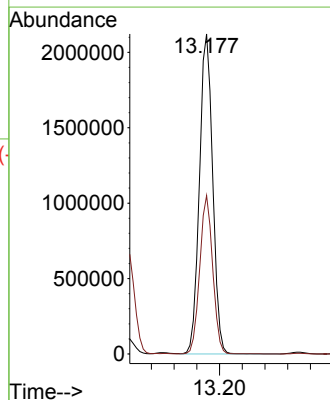
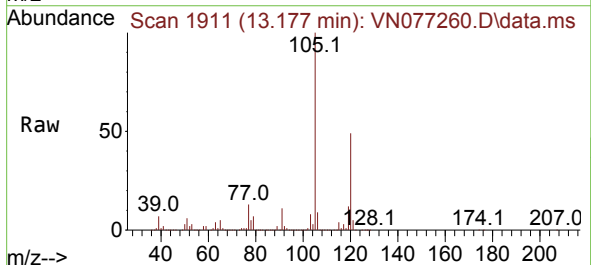
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

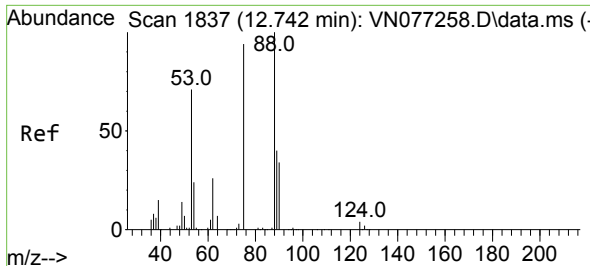
Tgt Ion: 91 Resp: 2758408
Ion Ratio Lower Upper
91 100
126 32.9 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 89.665 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion:105 Resp: 3437522
Ion Ratio Lower Upper
105 100
120 48.3 24.3 73.0

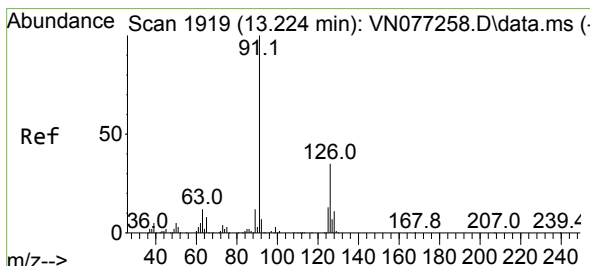
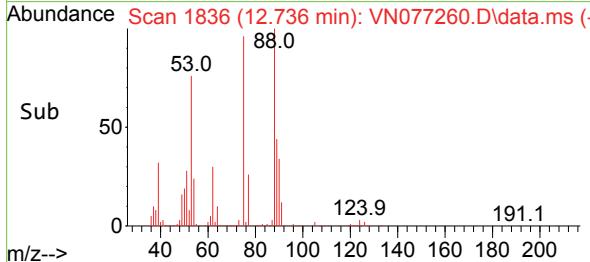
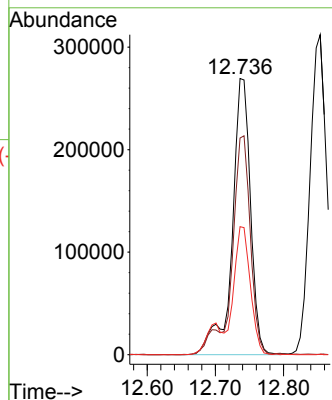
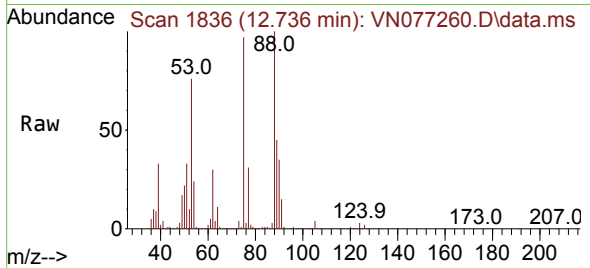




#81
trans-1,4-Dichloro-2-butene
Concen: 96.903 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

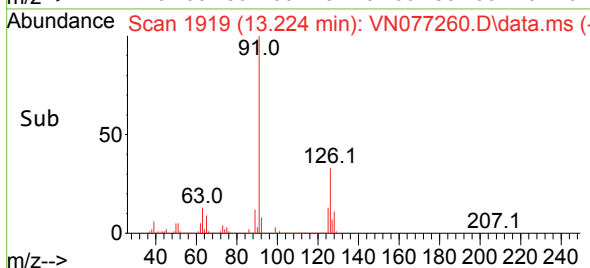
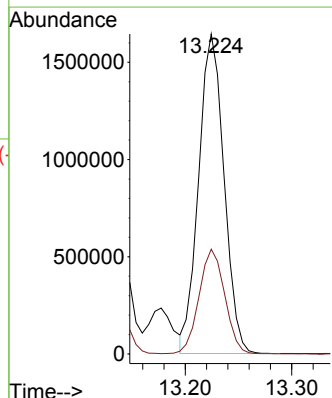
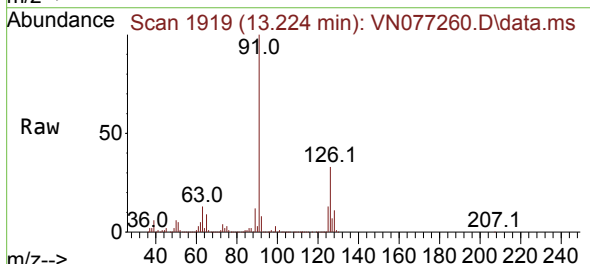
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

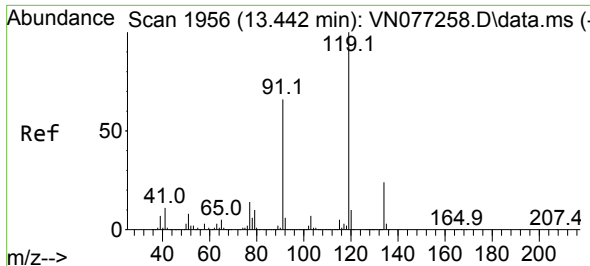
Tgt Ion: 75 Resp: 506742
Ion Ratio Lower Upper
75 100
53 79.5 72.8 109.2
89 41.4 37.4 56.2



#82
4-Chlorotoluene
Concen: 90.371 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 91 Resp: 2720982
Ion Ratio Lower Upper
91 100
126 33.3 16.9 50.7

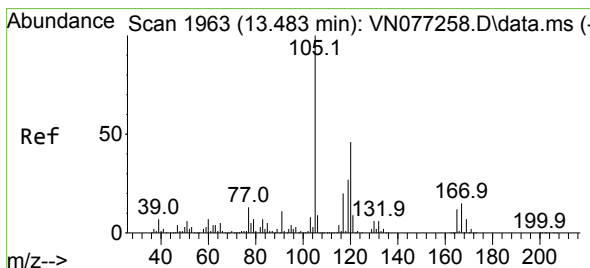
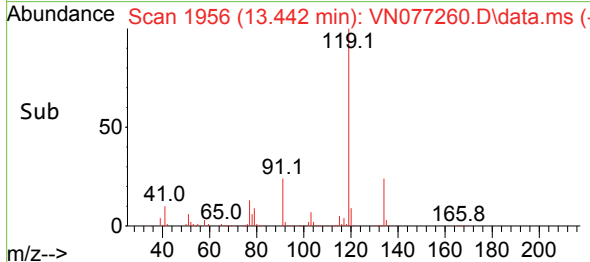
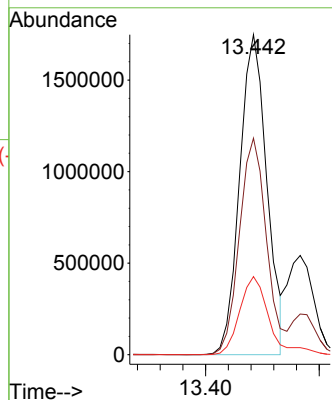
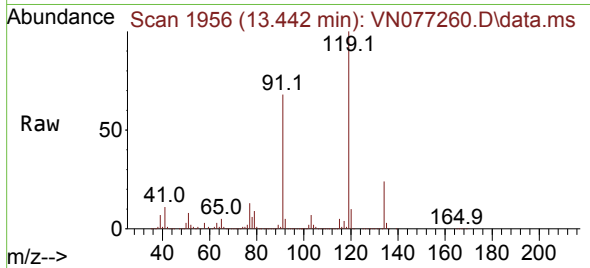




#83
tert-Butylbenzene
Concen: 85.213 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

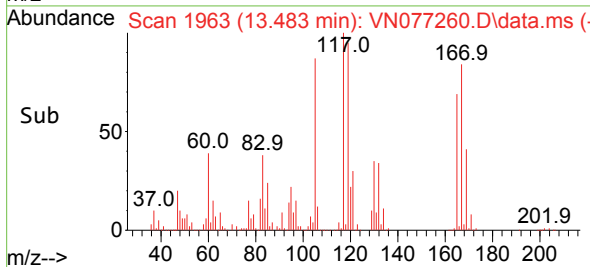
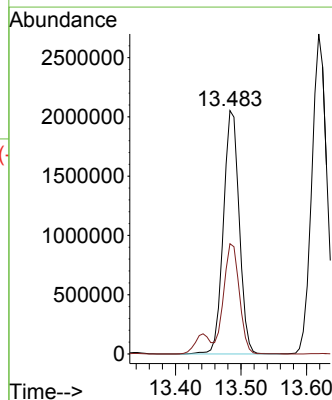
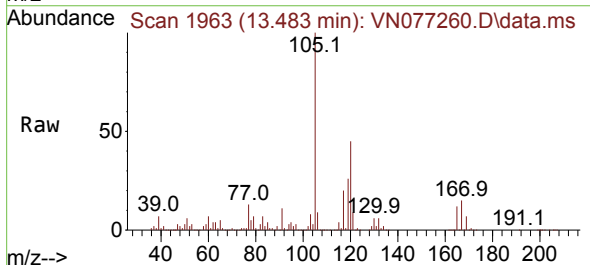
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

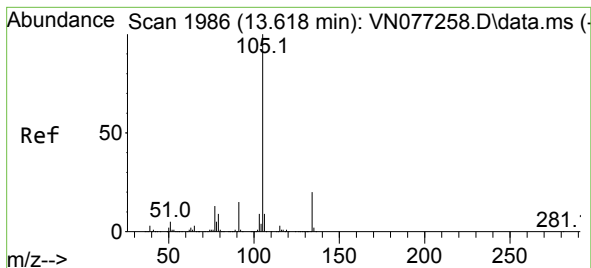
Tgt Ion:119 Resp: 2907836
Ion Ratio Lower Upper
119 100
91 67.9 33.5 100.4
134 26.4 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 90.382 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion:105 Resp: 3423207
Ion Ratio Lower Upper
105 100
120 45.6 22.5 67.5

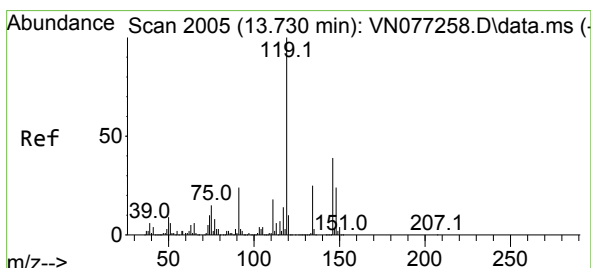
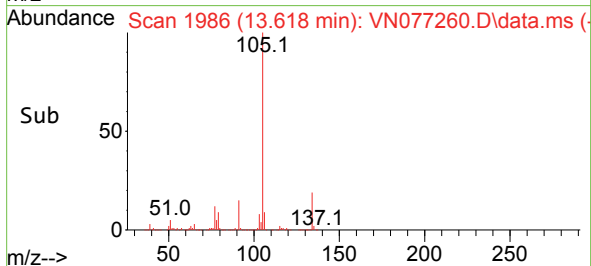
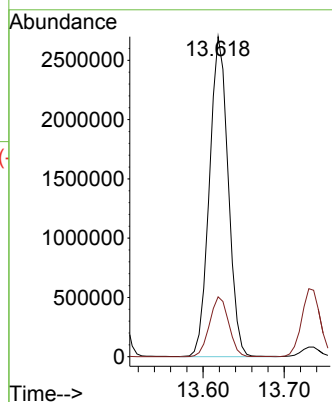
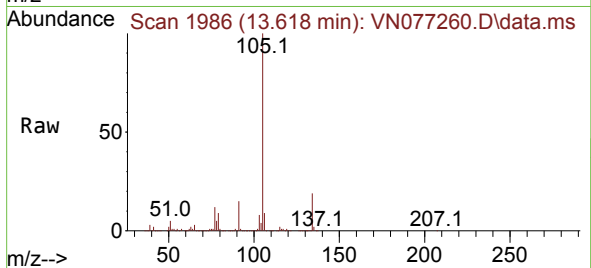




#85
 sec-Butylbenzene
 Concen: 90.968 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077260.D
 Acq: 05 Apr 2023 13:16

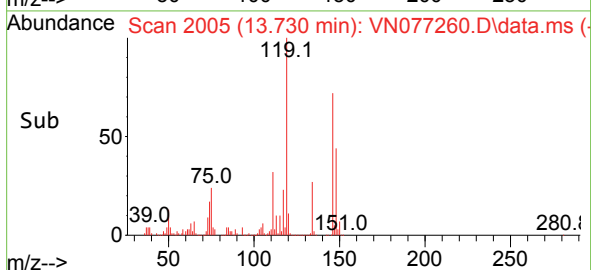
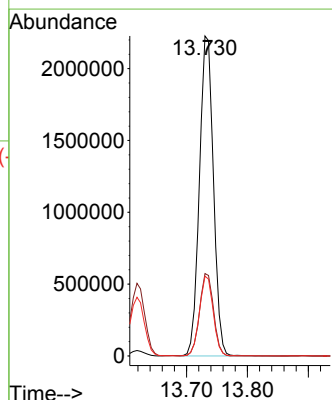
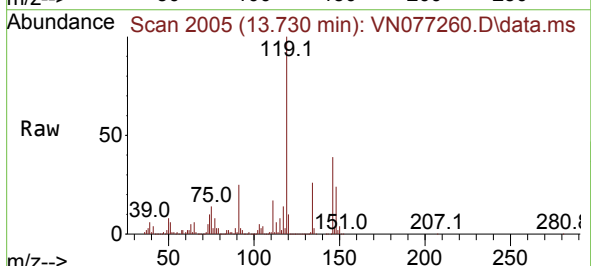
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

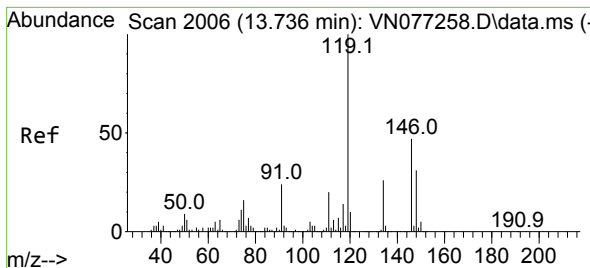
Tgt Ion:105 Resp: 4326209
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 94.994 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077260.D
 Acq: 05 Apr 2023 13:16

Tgt Ion:119 Resp: 3550480
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 24.5 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 92.523 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077260.D

Acq: 05 Apr 2023 13:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

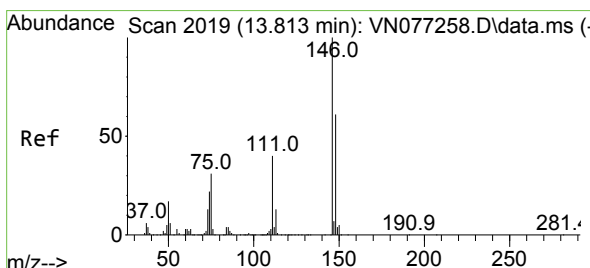
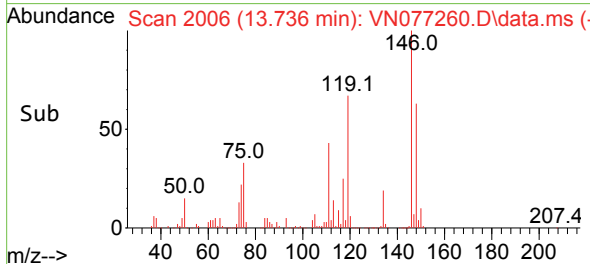
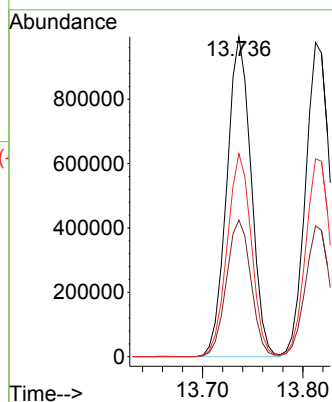
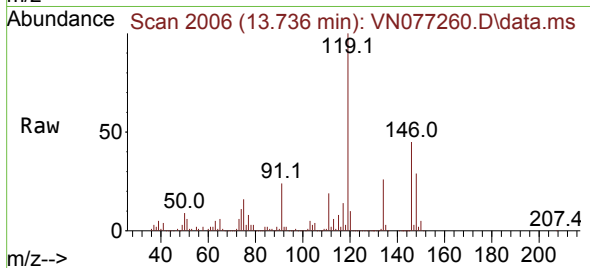
Tgt Ion:146 Resp: 1670613

Ion Ratio Lower Upper

146 100

111 43.2 21.8 65.4

148 63.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 92.974 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN077260.D

Acq: 05 Apr 2023 13:16

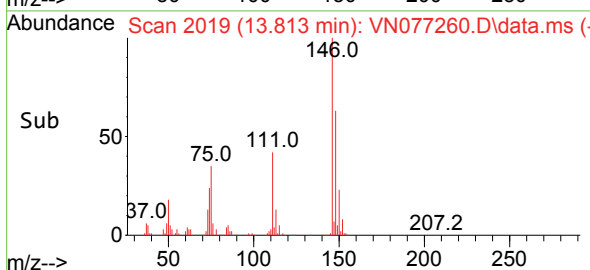
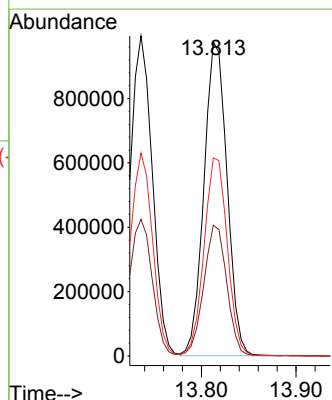
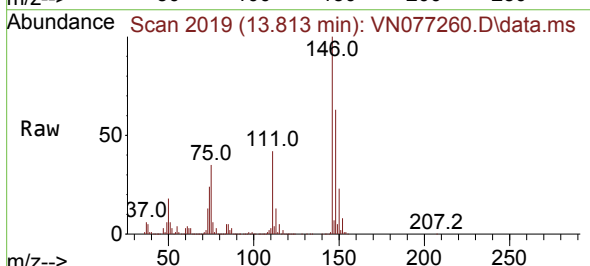
Tgt Ion:146 Resp: 1655513

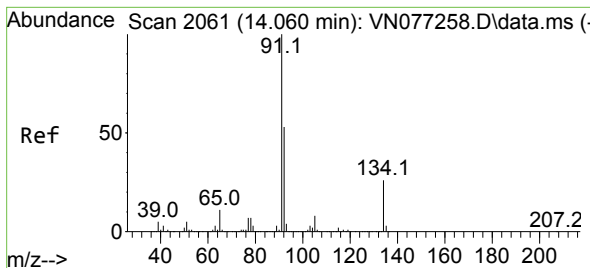
Ion Ratio Lower Upper

146 100

111 41.2 20.4 61.2

148 63.7 31.6 95.0





#89

n-Butylbenzene

Concen: 101.158 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077260.D

Acq: 05 Apr 2023 13:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

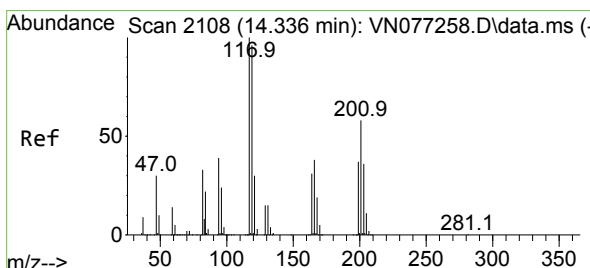
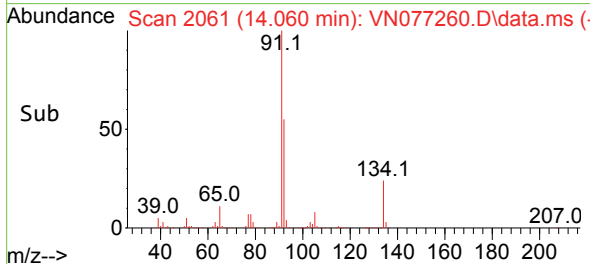
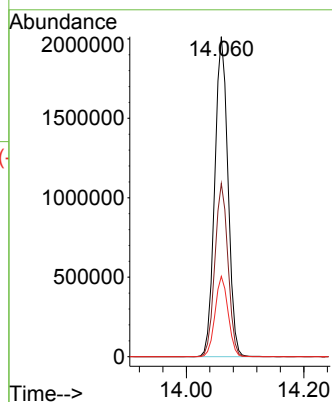
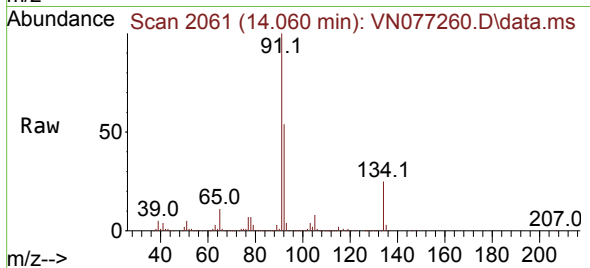
Tgt Ion: 91 Resp: 3138743

Ion Ratio Lower Upper

91 100

92 53.8 26.7 80.0

134 24.8 12.8 38.3



#90

Hexachloroethane

Concen: 87.172 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN077260.D

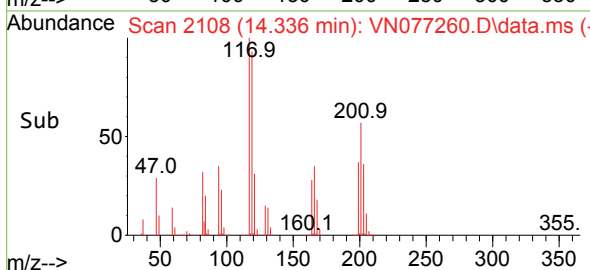
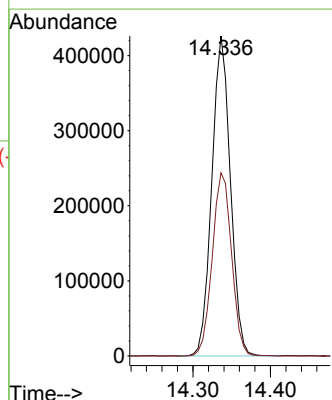
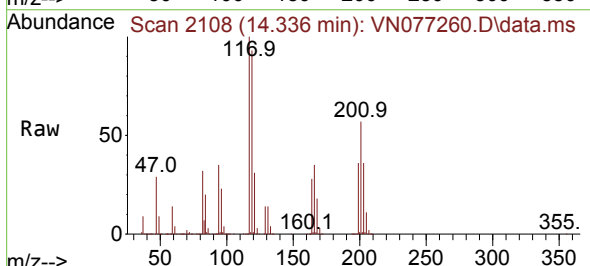
Acq: 05 Apr 2023 13:16

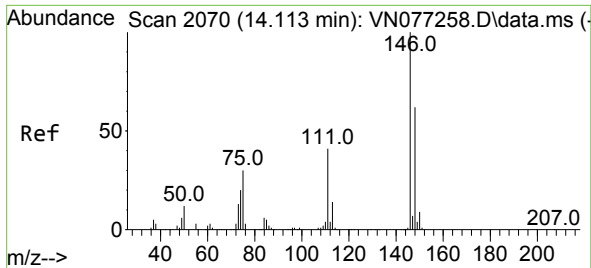
Tgt Ion: 117 Resp: 712379

Ion Ratio Lower Upper

117 100

201 59.3 29.8 89.5

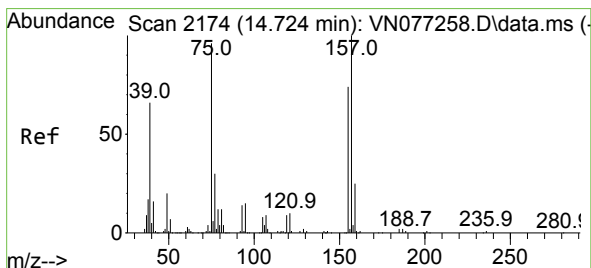
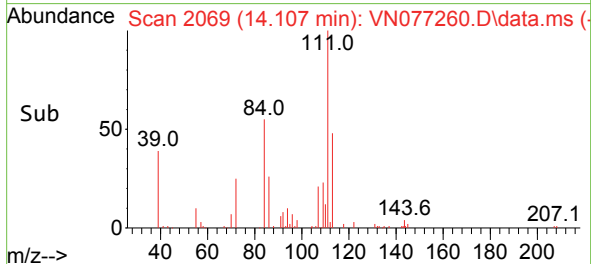
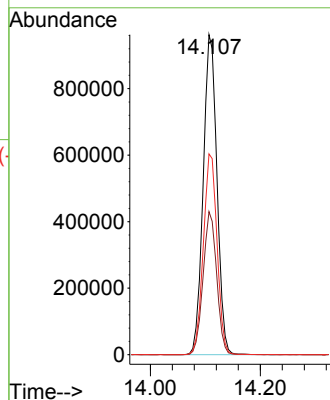
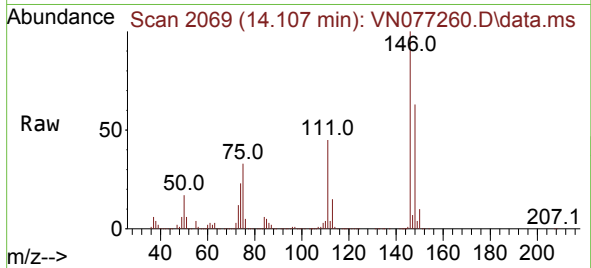




#91
1,2-Dichlorobenzene
Concen: 92.499 ug/l
RT: 14.107 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

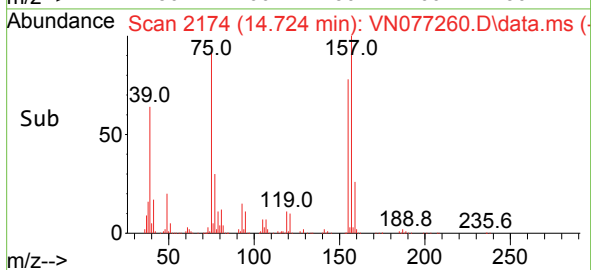
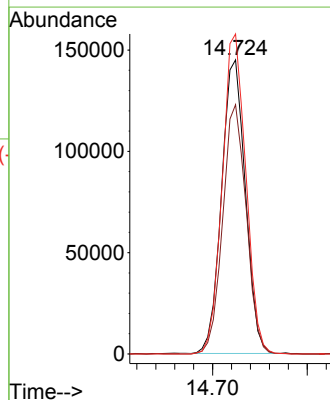
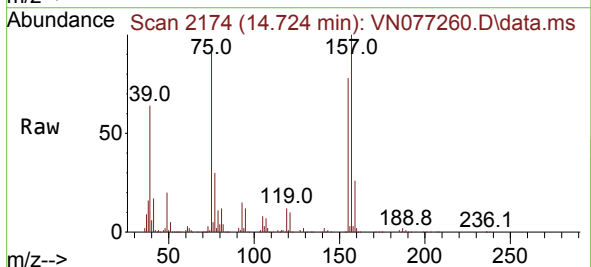
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

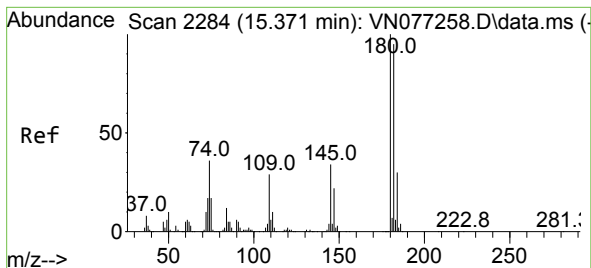
Tgt Ion:146 Resp: 1670843
Ion Ratio Lower Upper
146 100
111 44.1 21.9 65.5
148 62.7 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 88.688 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077260.D
Acq: 05 Apr 2023 13:16

Tgt Ion: 75 Resp: 253181
Ion Ratio Lower Upper
75 100
155 83.9 41.0 123.2
157 107.8 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 123.270 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077260.D

Acq: 05 Apr 2023 13:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

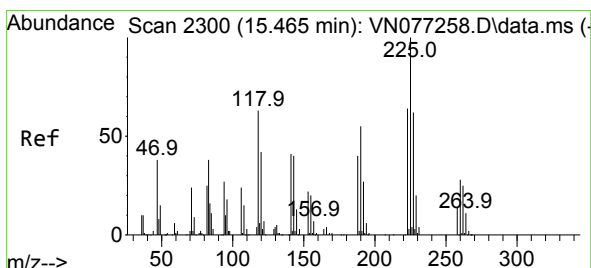
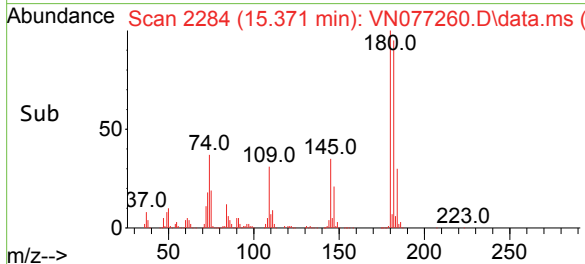
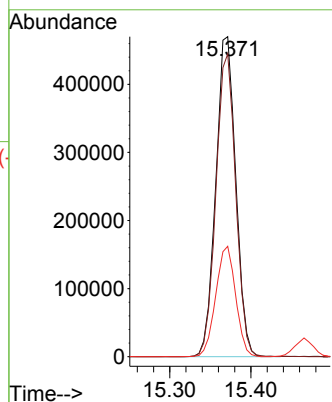
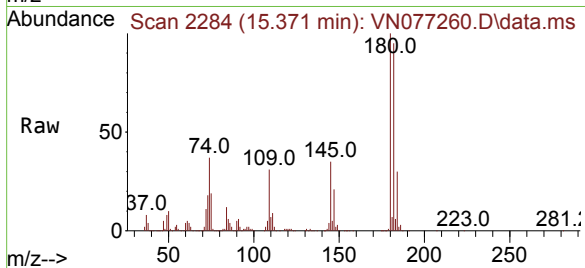
Tgt Ion:180 Resp: 803798

Ion Ratio Lower Upper

180 100

182 93.5 46.7 140.0

145 34.4 16.6 49.8



#94

Hexachlorobutadiene

Concen: 87.265 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077260.D

Acq: 05 Apr 2023 13:16

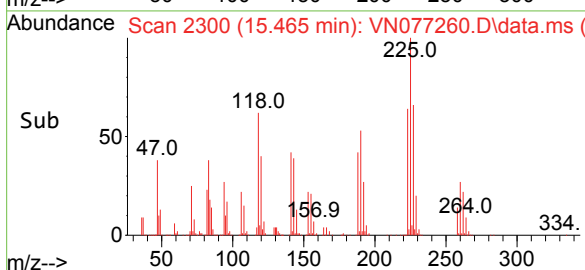
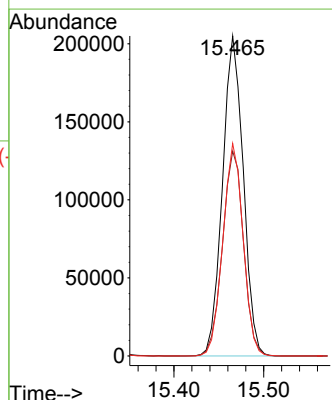
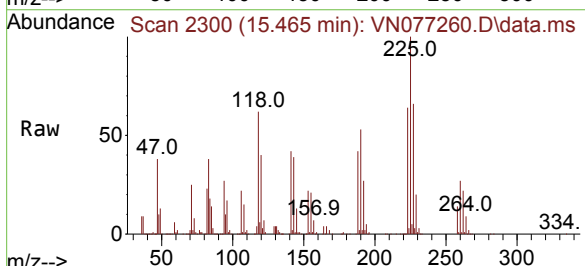
Tgt Ion:225 Resp: 329381

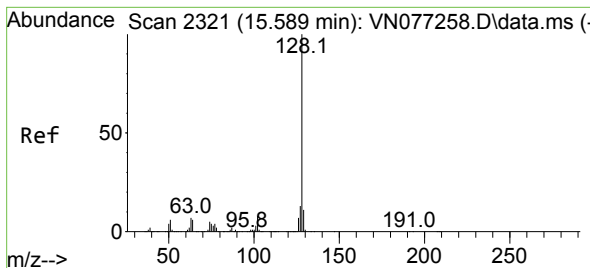
Ion Ratio Lower Upper

225 100

223 64.8 31.7 95.1

227 64.8 31.2 93.6





#95

Naphthalene

Concen: 125.054 ug/l

RT: 15.589 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077260.D

Acq: 05 Apr 2023 13:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

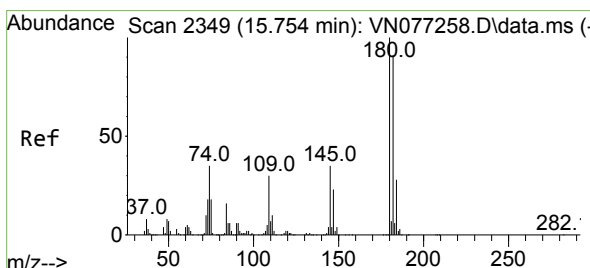
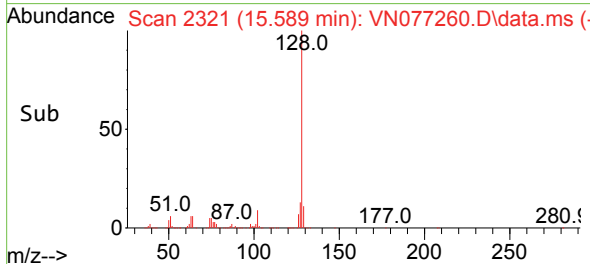
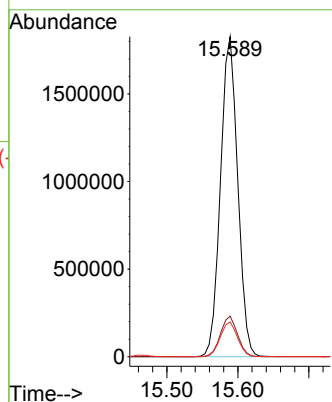
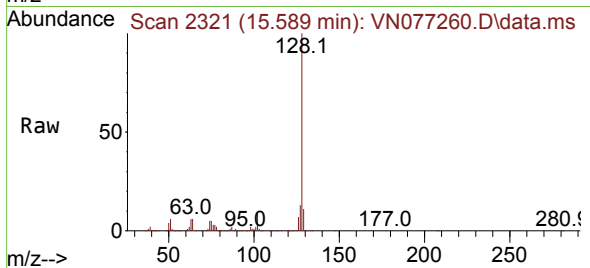
Tgt Ion:128 Resp: 3063194

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 121.591 ug/l

RT: 15.760 min Scan# 2350

Delta R.T. 0.006 min

Lab File: VN077260.D

Acq: 05 Apr 2023 13:16

Tgt Ion:180 Resp: 758365

Ion Ratio Lower Upper

180 100

182 94.4 46.9 140.8

145 36.1 17.6 52.8

