

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102522\
 Data File : VN075007.D
 Acq On : 25 Oct 2022 12:48
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 27 09:56:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 09:52:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	21918	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	112900	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	112206	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	53293	26.592	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	88.633%#
60) 4-Bromofluorobenzene	12.847	95	69022	31.307	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	104.367%
63) Toluene-d8	10.571	98	182295	29.048	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.833%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	149920	140.508	ug/l	99
3) Chloromethane	2.371	50	157893	112.498	ug/l	97
4) Vinyl Chloride	2.524	62	249426	117.526	ug/l	98
5) Bromomethane	2.912	94	160162	95.453	ug/l	99
6) Chloroethane	3.077	64	189318	115.648	ug/l	99
7) Trichlorofluoromethane	3.477	101	297742	130.784	ug/l	99
8) Diethyl Ether	3.965	74	120337	128.145	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	176338	131.714	ug/l	73
10) 1,1-Dichloroethene	4.336	96	168823	134.443	ug/l	96
11) Methyl Iodide	4.589	142	268826	137.224	ug/l	96
12) Methyl Acetate	5.036	43	272190	127.957	ug/l	95
13) Acrolein	4.189	56	170181	653.180	ug/l	98
14) Acrylonitrile	5.736	53	596896	679.184	ug/l	98
15) Acetone	4.442	58	160902	652.751	ug/l	85
16) Carbon Disulfide	4.712	76	382610	138.406	ug/l	99
17) Allyl chloride	5.030	41	228704	135.925	ug/l	89
18) Methylene Chloride	5.283	84	207827	132.105	ug/l	92
19) trans-1,2-Dichloroethene	5.794	96	199269	142.738	ug/l	96
20) Diisopropyl ether	6.683	45	583491	133.610	ug/l #	89
21) 1,1-Dichloroethane	6.577	63	363922	134.169	ug/l	97
22) cis-1,2-Dichloroethene	7.494	96	248648	140.960	ug/l	92
23) tert-Butyl Alcohol	5.553	59	274541	674.830	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	716508	139.510	ug/l #	89
25) Chloroform	7.971	83	414396	138.292	ug/l	99
26) Cyclohexane	8.259	56	293955	134.911	ug/l #	87
29) 1,1-Dichloropropene	8.377	75	288493	148.972	ug/l	99
30) 2-Butanone	7.494	43	789116	706.871	ug/l	94
31) 2,2-Dichloropropane	7.500	77	352226	148.899	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	384954	153.485	ug/l	97
33) Carbon Tetrachloride	8.365	117	338377	153.222	ug/l	98
34) Benzene	8.612	78	875198	147.827	ug/l #	94
35) Methacrylonitrile	7.788	41	161507	150.944	ug/l	92
36) 1,2-Dichloroethane	8.677	62	309419	141.047	ug/l #	95
37) Trichloroethene	9.353	130	221399	150.488	ug/l	99
38) Methylcyclohexane	9.606	83	360461	150.120	ug/l	94
39) 1,2-Dichloropropane	9.624	63	213693	143.379	ug/l	96
40) Dibromomethane	9.712	93	169576	149.969	ug/l	97
41) Bromodichloromethane	9.888	83	331481	150.574	ug/l	98
42) Vinyl Acetate	6.612	43	2368081	753.092	ug/l #	87

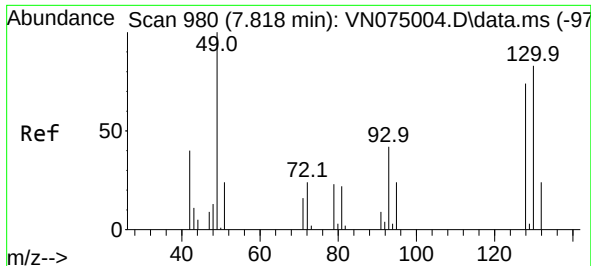
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102522\
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	312943	141.845	ug/l	98
44) Isopropyl Acetate	8.694	43	503314	142.221	ug/l	93
45) 1,4-Dioxane	9.700	88	127537	2927.946	ug/l #	91
46) Methyl methacrylate	9.682	41	225429	141.997	ug/l	83
47) n-amyl Acetate	12.494	43	476317	156.673	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	378958	157.570	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	388362	153.635	ug/l #	86
50) 1,1,2-Trichloroethane	11.018	97	255135	154.012	ug/l	97
51) Ethyl methacrylate	10.877	69	403579	156.362	ug/l	81
52) 1,3-Dichloropropane	11.165	76	405754	146.447	ug/l	100
53) Dibromochloromethane	11.359	129	294872	164.573	ug/l	99
54) 1,2-Dibromoethane	11.471	107	266668	155.594	ug/l	95
55) 2-Chloroethyl vinyl ether	10.165	63	826562	783.842	ug/l	96
56) Bromoform	12.582	173	241580	183.644	ug/l #	99
58) 4-Methyl-2-Pentanone	10.447	43	1687193	697.111	ug/l #	89
59) 2-Hexanone	11.200	43	1303028	701.819	ug/l	90
61) Tetrachloroethene	11.106	164	182533	146.276	ug/l	96
62) Toluene	10.635	91	1070139	147.306	ug/l	97
64) Chlorobenzene	11.894	112	682466	151.594	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	264952	154.060	ug/l	99
66) Ethyl Benzene	11.965	91	1235166	150.861	ug/l	95
67) m/p-Xylenes	12.076	106	1004369	305.874	ug/l	94
68) o-Xylene	12.400	106	502750	152.321	ug/l	93
69) Styrene	12.412	104	861219	159.552	ug/l	95
70) Isopropylbenzene	12.700	105	1340178	155.839	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	409916	146.328	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	369113m	157.463	ug/l	
73) Bromobenzene	12.982	156	309134	161.498	ug/l	96
74) n-propylbenzene	13.041	91	1510556	156.855	ug/l	96
75) 2-Chlorotoluene	13.129	91	891952	153.104	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	1134907	155.675	ug/l	95
77) t-1,4-Dichloro-2-butene	12.741	75	149965	169.005	ug/l	84
78) 4-Chlorotoluene	13.223	91	893448	154.496	ug/l	99
79) tert-butylbenzene	13.441	119	1024523	157.506	ug/l	95
80) 1,2,4-Trimethylbenzene	13.482	105	1155679m	156.160	ug/l	
81) sec-Butylbenzene	13.618	105	1452288	187.992	ug/l	98
82) p-Isopropyltoluene	13.729	119	1271928	164.879	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	629524	166.303	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	612542	167.728	ug/l	99
85) n-Butylbenzene	14.059	91	1054184	170.375	ug/l	95
86) Hexachloroethane	14.335	117	225913	158.032	ug/l	100
87) 1,2-Dichlorobenzene	14.106	146	613136	163.754	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	92291	156.738	ug/l	88
89) 1,2,4-Trichlorobenzene	15.394	180	297999	180.191	ug/l	99
90) Hexachlorobutadiene	15.500	225	125714	165.284	ug/l	99
91) Naphthalene	15.641	128	1157621	176.616	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	298340	178.209	ug/l	100

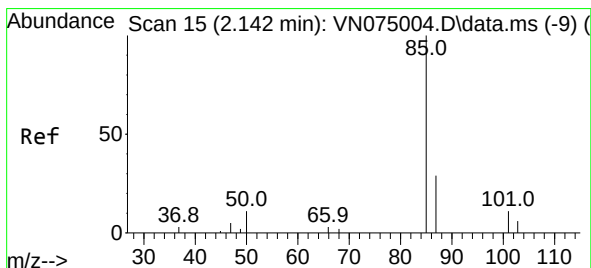
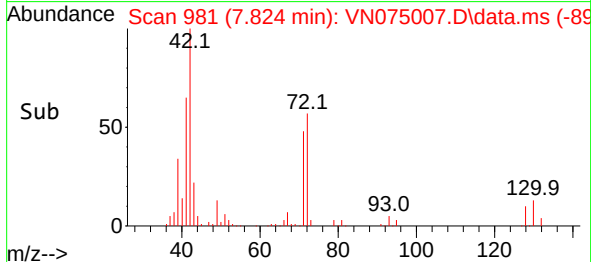
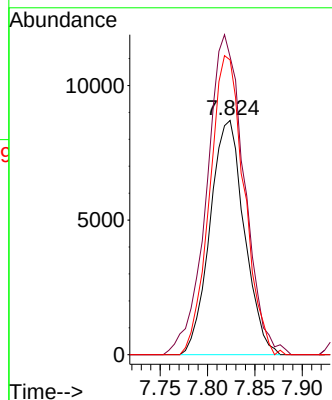
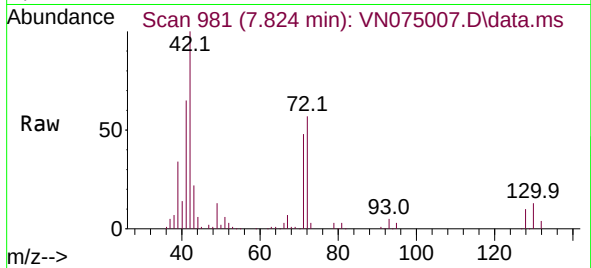
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

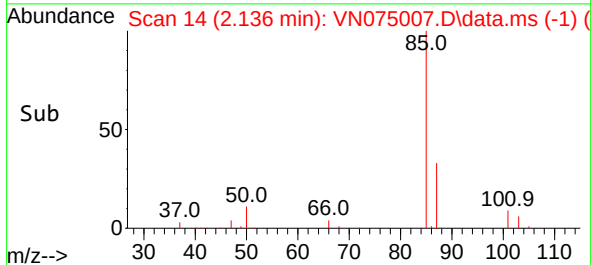
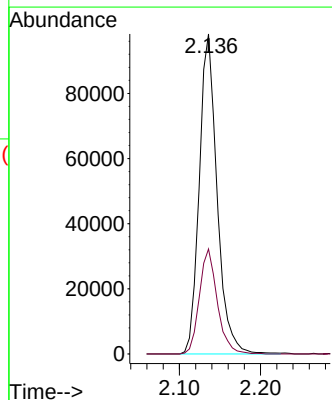
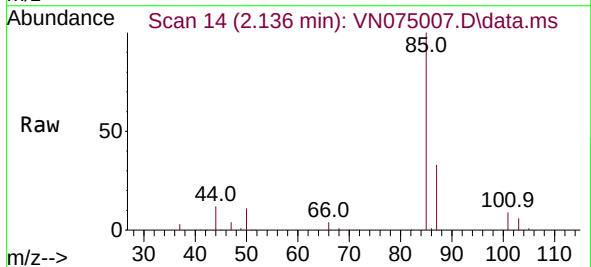
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

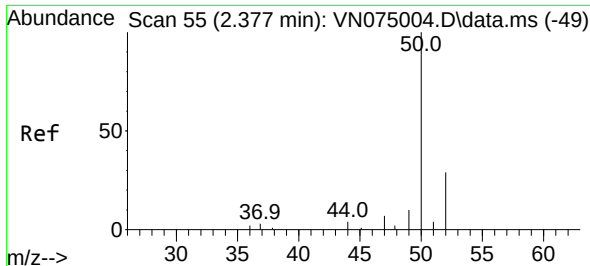
Tgt Ion:128 Resp: 21918
Ion Ratio Lower Upper
128 100
49 149.6 0.0 392.3
130 128.1 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 140.508 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 85 Resp: 149920
Ion Ratio Lower Upper
85 100
87 32.8 16.6 49.7

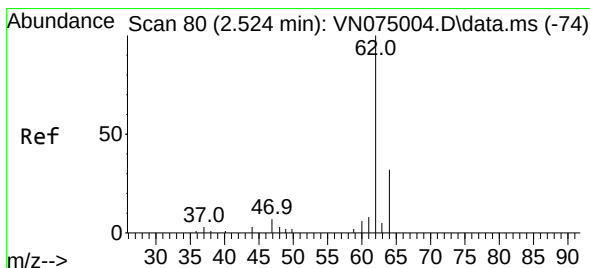
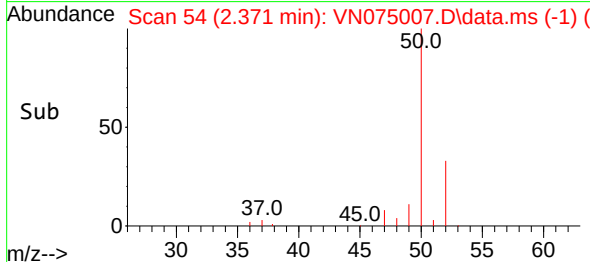
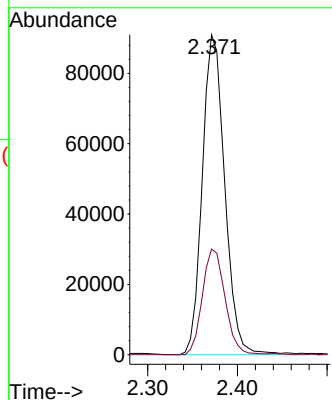
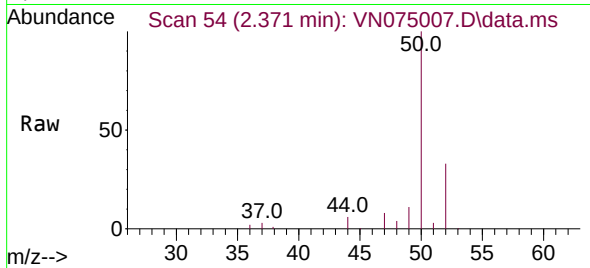




#3
Chloromethane
Concen: 112.498 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

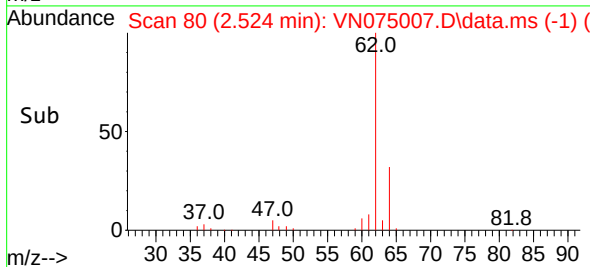
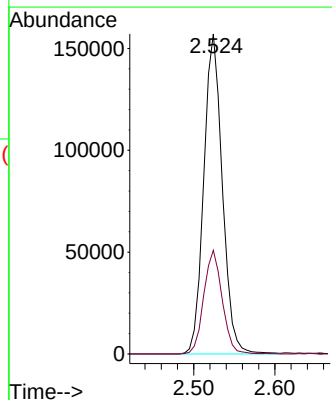
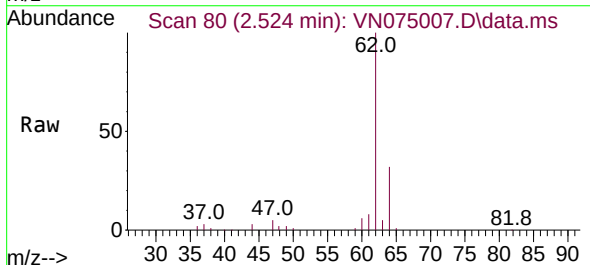
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MSVOA_N
ClientSampleId :
VSTDIC150

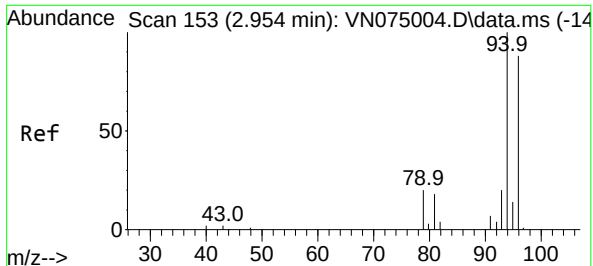
Tgt Ion: 50 Resp: 157893
Ion Ratio Lower Upper
50 100
52 33.0 27.8 41.6



#4
Vinyl Chloride
Concen: 117.526 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 62 Resp: 249426
Ion Ratio Lower Upper
62 100
64 32.4 25.1 37.7

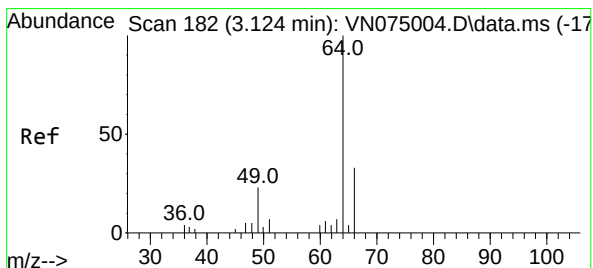
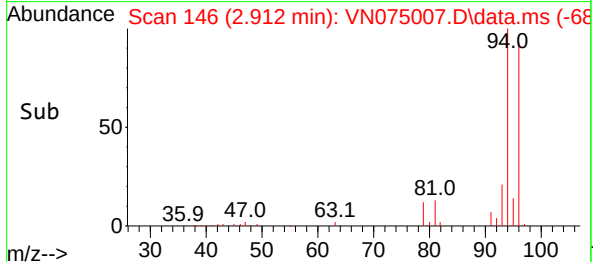
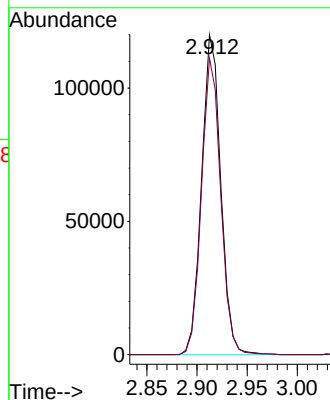
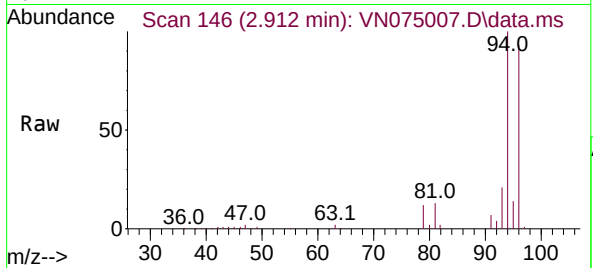




#5
Bromomethane
Concen: 95.453 ug/l
RT: 2.912 min Scan# 14
Delta R.T. -0.041 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

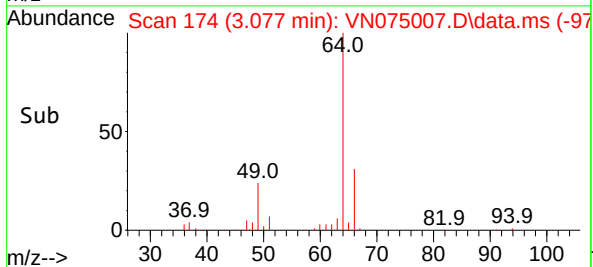
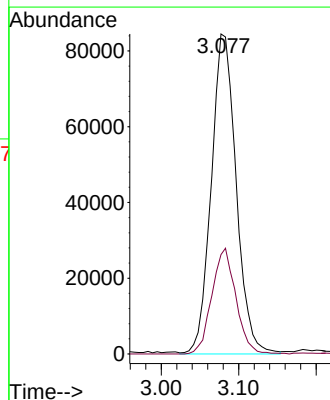
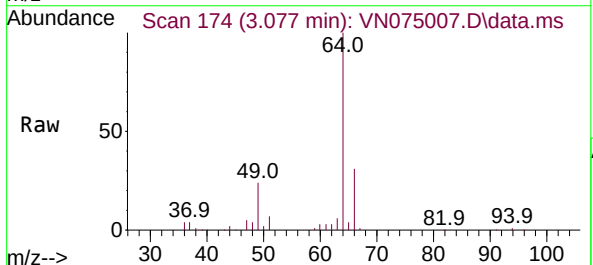
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ClientSampleId :
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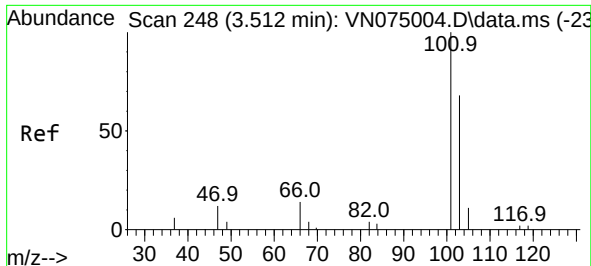
Tgt Ion: 94 Resp: 160162
Ion Ratio Lower Upper
94 100
96 92.6 75.2 112.8



#6
Chloroethane
Concen: 115.648 ug/l
RT: 3.077 min Scan# 174
Delta R.T. -0.047 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 64 Resp: 189318
Ion Ratio Lower Upper
64 100
66 31.2 24.6 36.8

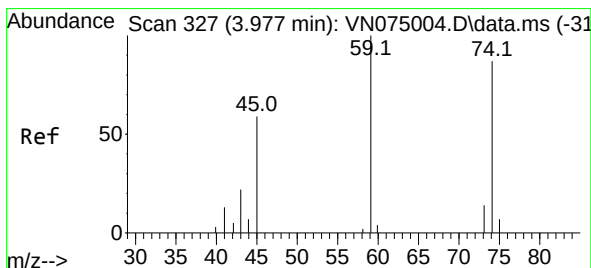
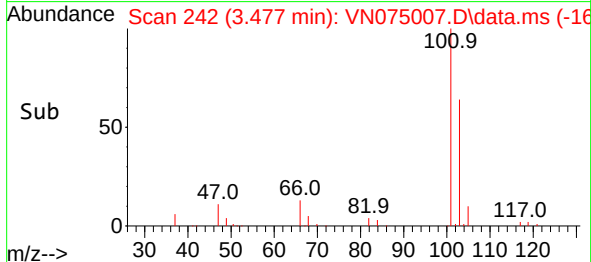
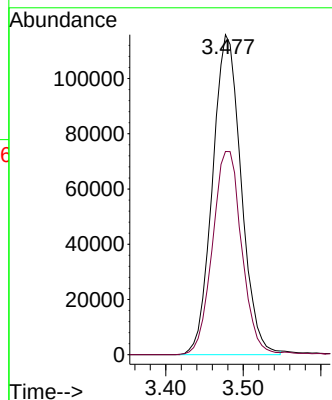
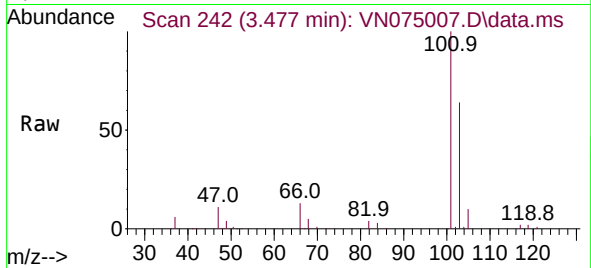




#7
 Trichlorofluoromethane
 Concen: 130.784 ug/l
 RT: 3.477 min Scan# 24
 Delta R.T. -0.035 min
 Lab File: VN075007.D
 Acq: 25 Oct 2022 12:48

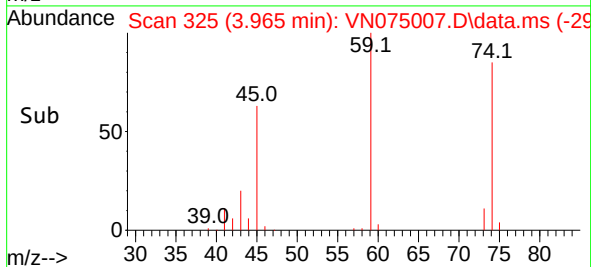
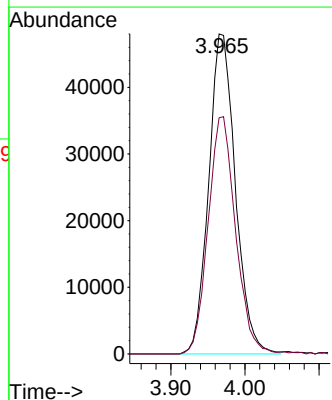
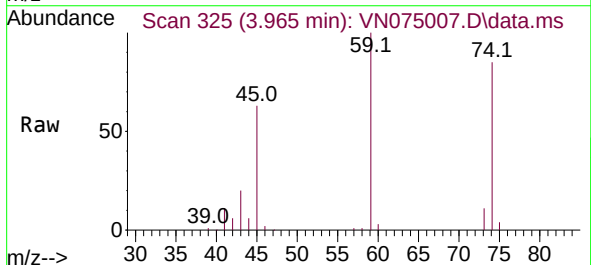
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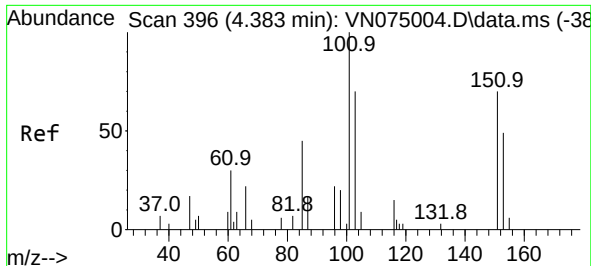
Tgt Ion:101 Resp: 297742
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.1 75.1



#8
 Diethyl Ether
 Concen: 128.145 ug/l
 RT: 3.965 min Scan# 325
 Delta R.T. -0.012 min
 Lab File: VN075007.D
 Acq: 25 Oct 2022 12:48

Tgt Ion: 74 Resp: 120337
 Ion Ratio Lower Upper
 74 100
 45 76.0 17.6 158.8

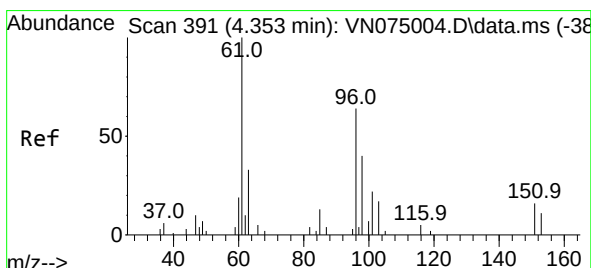
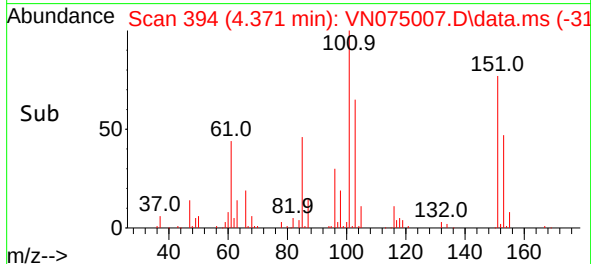
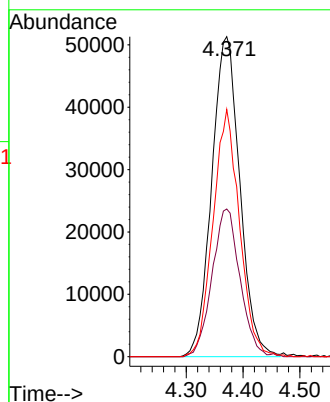
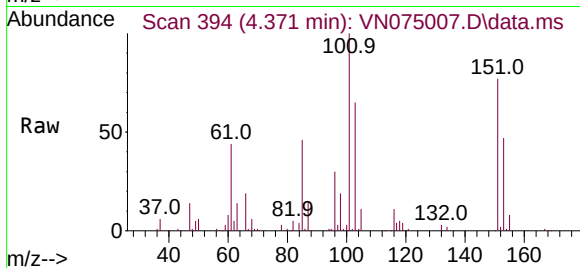




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 131.714 ug/l
 RT: 4.371 min Scan# 394
 Delta R.T. -0.012 min
 Lab File: VN075007.D
 Acq: 25 Oct 2022 12:48

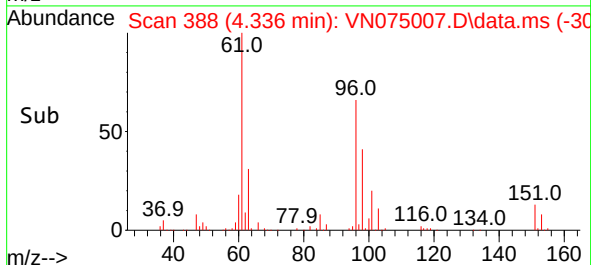
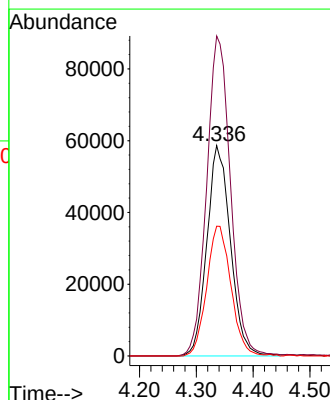
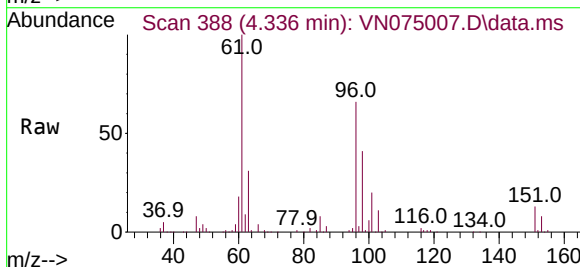
Instrument :
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 VSTDIC150

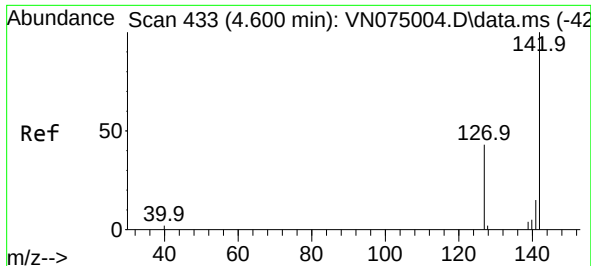
Tgt Ion:101 Resp: 176338
 Ion Ratio Lower Upper
 101 100
 85 45.7 0.0 94.0
 151 72.7 0.0 74.6



#10
 1,1-Dichloroethene
 Concen: 134.443 ug/l
 RT: 4.336 min Scan# 388
 Delta R.T. -0.018 min
 Lab File: VN075007.D
 Acq: 25 Oct 2022 12:48

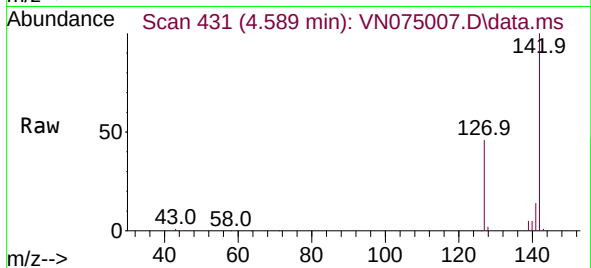
Tgt Ion: 96 Resp: 168823
 Ion Ratio Lower Upper
 96 100
 61 151.8 126.2 189.4
 98 61.7 50.9 76.3



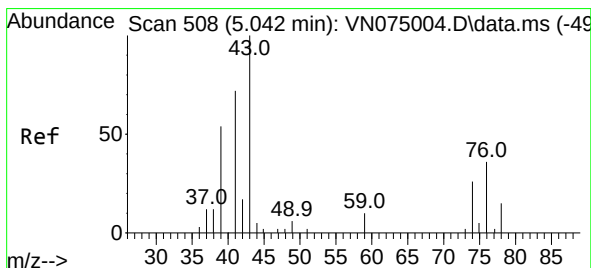
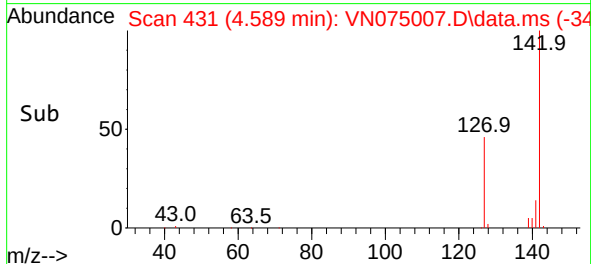
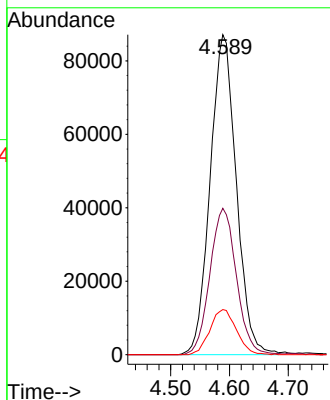


#11
Methyl Iodide
Concen: 137.224 ug/l
RT: 4.589 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

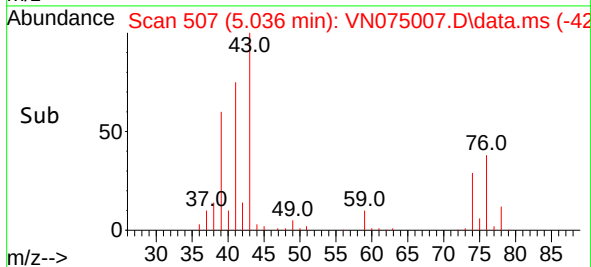
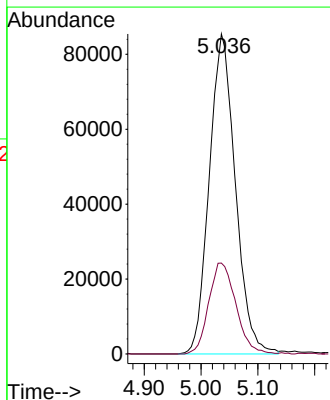
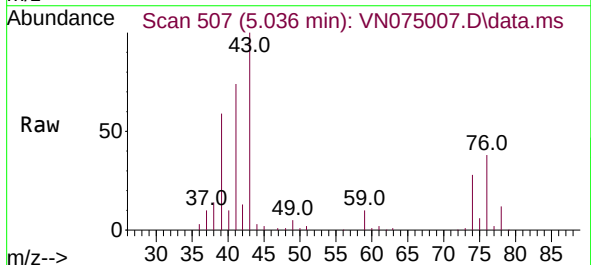


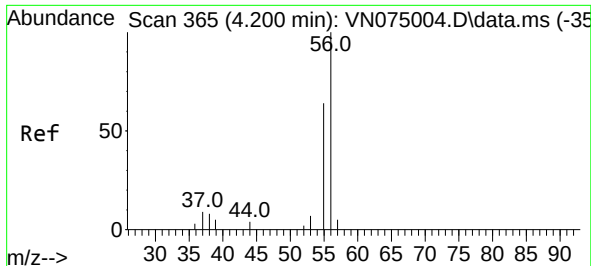
Tgt Ion:142 Resp: 268826
Ion Ratio Lower Upper
142 100
127 45.7 24.0 72.0
141 14.1 8.4 25.2



#12
Methyl Acetate
Concen: 127.957 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 43 Resp: 272190
Ion Ratio Lower Upper
43 100
74 28.4 20.8 31.2

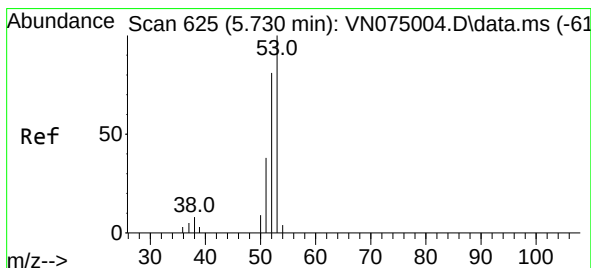
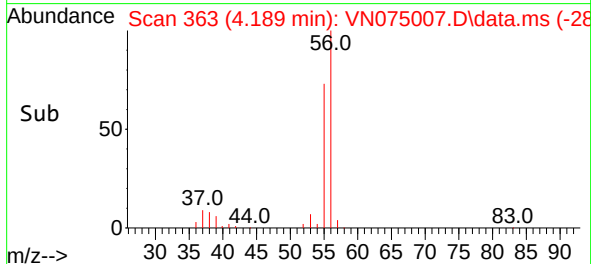
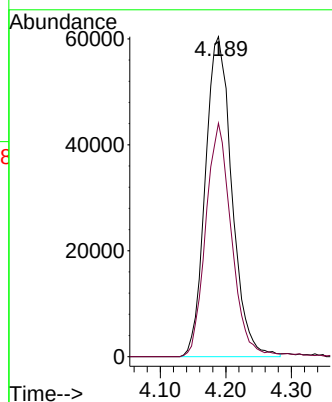
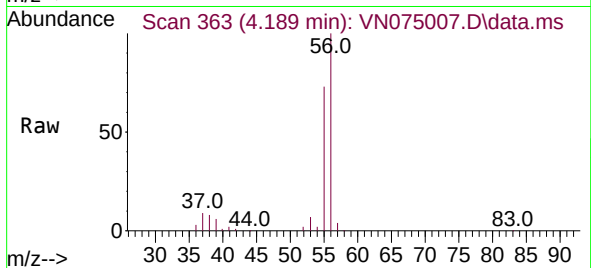




#13
Acrolein
Concen: 653.180 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.012 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

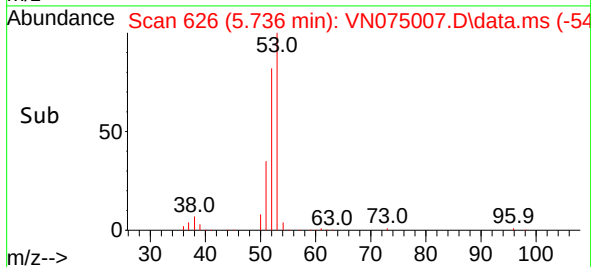
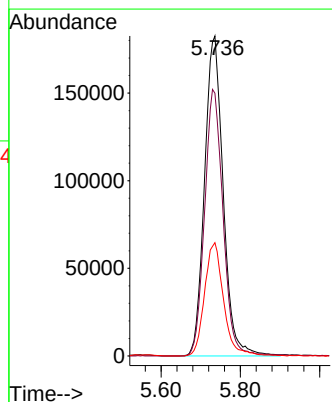
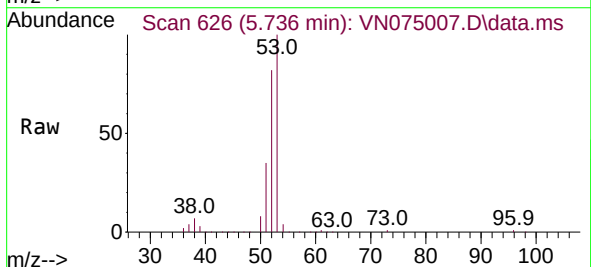
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

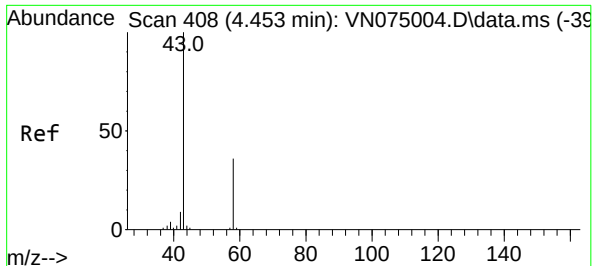
Tgt Ion: 56 Resp: 170181
Ion Ratio Lower Upper
56 100
55 70.5 57.6 86.4



#14
Acrylonitrile
Concen: 679.184 ug/l
RT: 5.736 min Scan# 626
Delta R.T. 0.006 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 53 Resp: 596896
Ion Ratio Lower Upper
53 100
52 81.9 41.8 125.4
51 35.9 19.0 57.0





#15

Acetone

Concen: 652.751 ug/l

RT: 4.442 min Scan# 406

Delta R.T. -0.012 min

Lab File: VN075007.D

Acq: 25 Oct 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

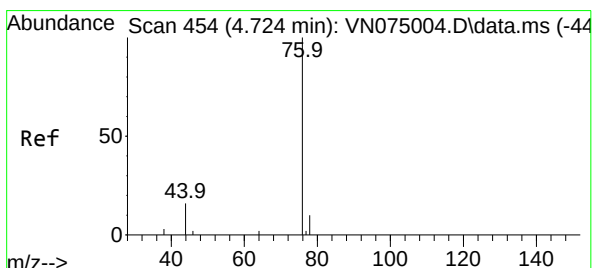
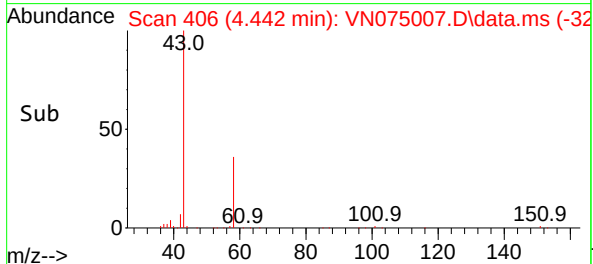
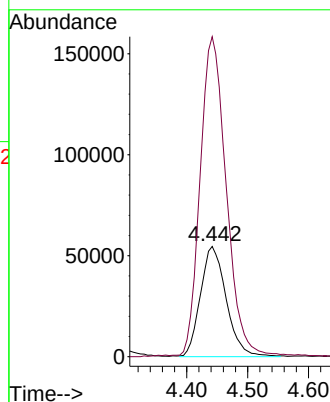
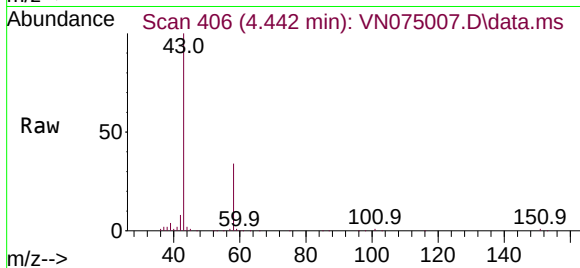
VSTDIC150

Tgt Ion: 58 Resp: 160902

Ion Ratio Lower Upper

58 100

43 290.9 256.6 384.8



#16

Carbon Disulfide

Concen: 138.406 ug/l

RT: 4.712 min Scan# 452

Delta R.T. -0.012 min

Lab File: VN075007.D

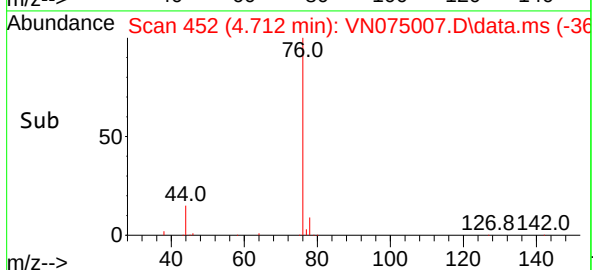
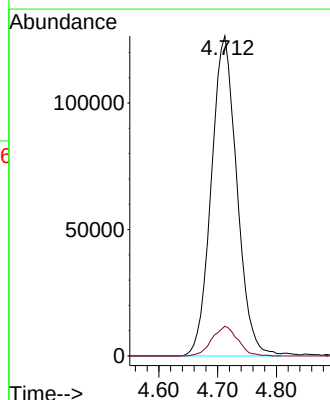
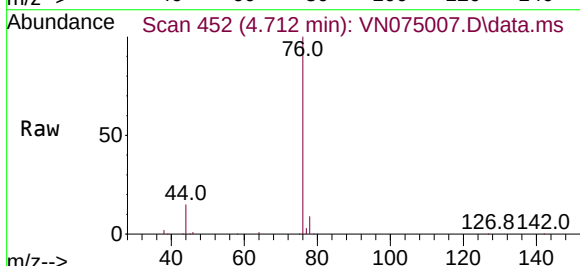
Acq: 25 Oct 2022 12:48

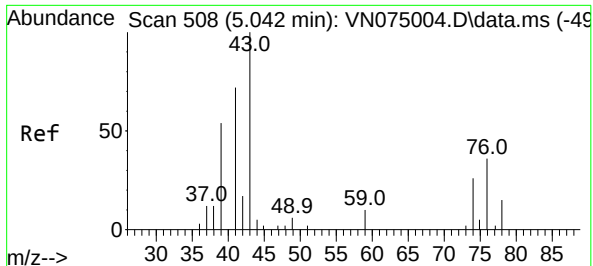
Tgt Ion: 76 Resp: 382610

Ion Ratio Lower Upper

76 100

78 9.3 7.8 11.8





#17

Allyl chloride

Concen: 135.925 ug/l

RT: 5.030 min Scan# 508

Delta R.T. -0.012 min

Lab File: VN075007.D

Acq: 25 Oct 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

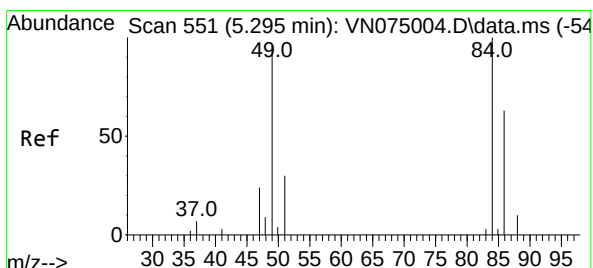
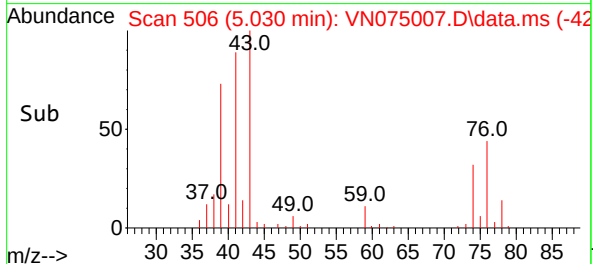
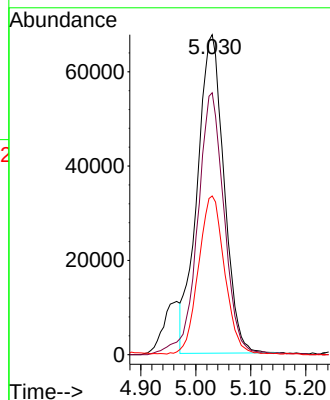
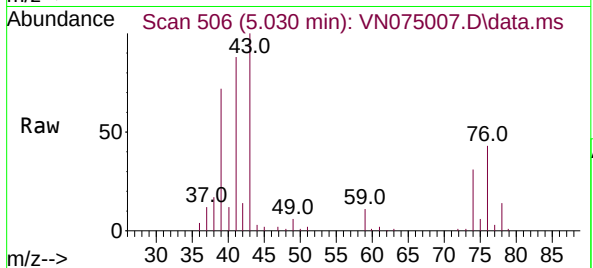
Tgt Ion: 41 Resp: 228704

Ion Ratio Lower Upper

41 100

39 81.8 44.6 134.0

76 49.6 19.6 58.7



#18

Methylene Chloride

Concen: 132.105 ug/l

RT: 5.283 min Scan# 549

Delta R.T. -0.012 min

Lab File: VN075007.D

Acq: 25 Oct 2022 12:48

Tgt Ion: 84 Resp: 207827

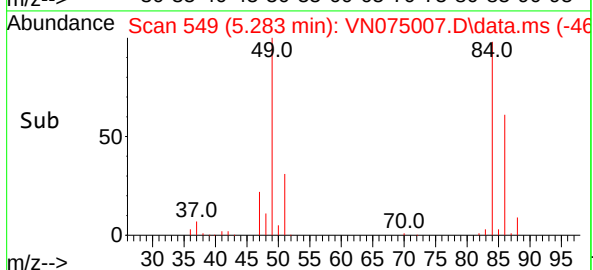
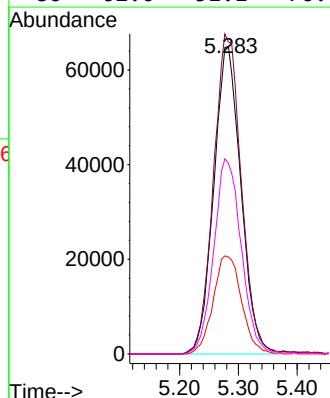
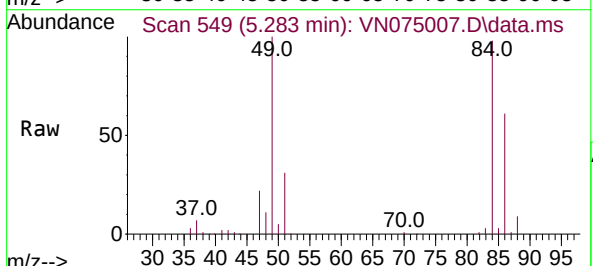
Ion Ratio Lower Upper

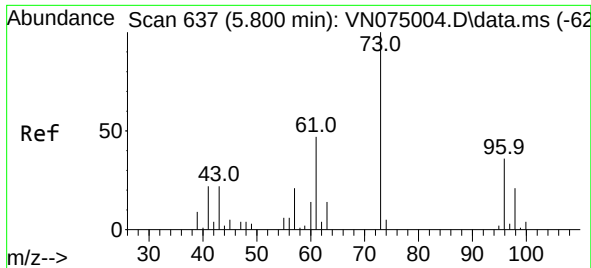
84 100

49 101.5 91.4 137.0

51 31.6 29.4 44.0

86 62.0 51.1 76.7

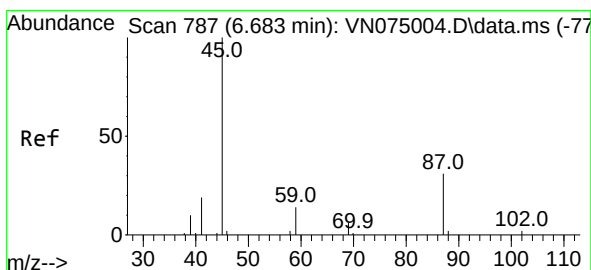
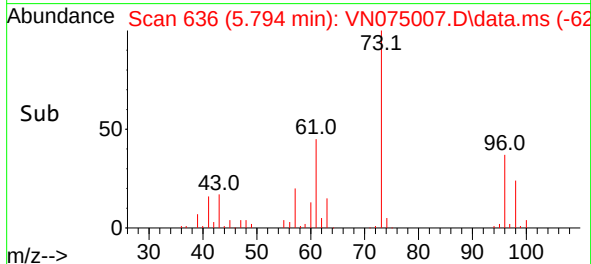
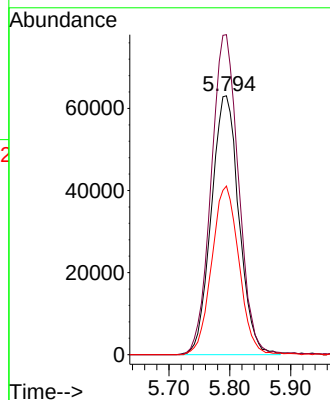
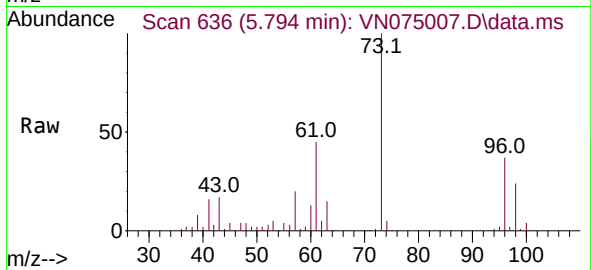




#19
trans-1,2-Dichloroethene
Concen: 142.738 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

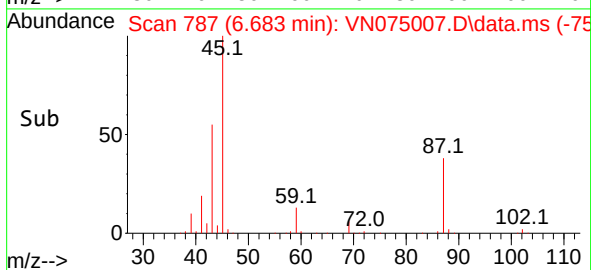
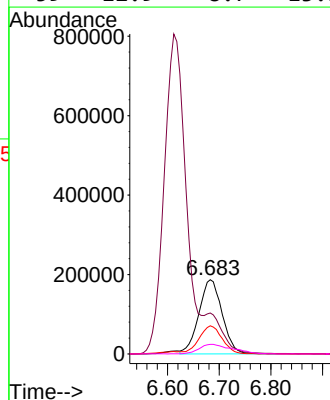
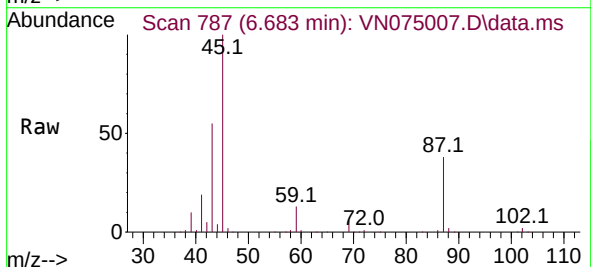
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

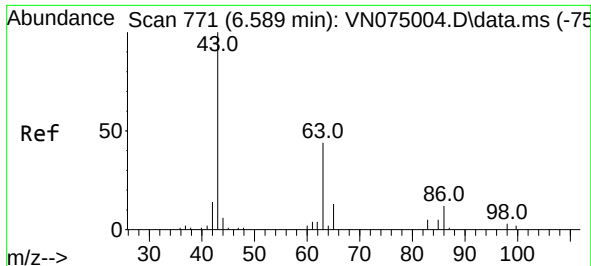
Tgt Ion: 96 Resp: 199269
Ion Ratio Lower Upper
96 100
61 123.4 102.8 154.2
98 65.1 49.3 73.9



#20
Diisopropyl ether
Concen: 133.610 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 45 Resp: 583491
Ion Ratio Lower Upper
45 100
43 54.8 51.0 76.4
87 38.0 25.0 37.4#
59 12.9 8.7 13.1





#21

1,1-Dichloroethane

Concen: 134.169 ug/l

RT: 6.577 min Scan# 7

Delta R.T. -0.012 min

Lab File: VN075007.D

Acq: 25 Oct 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

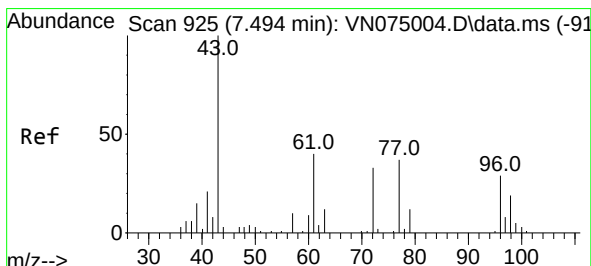
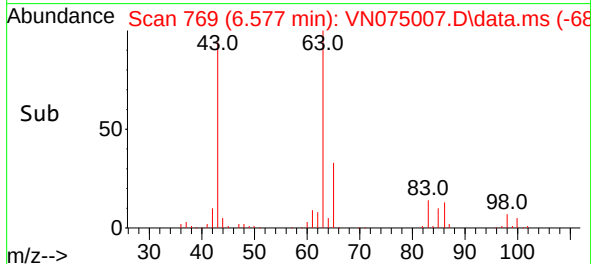
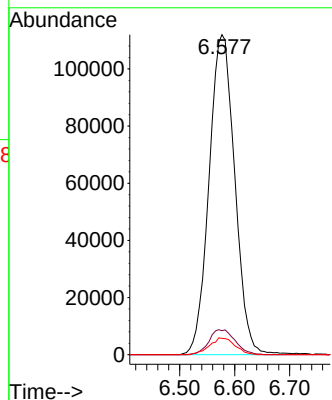
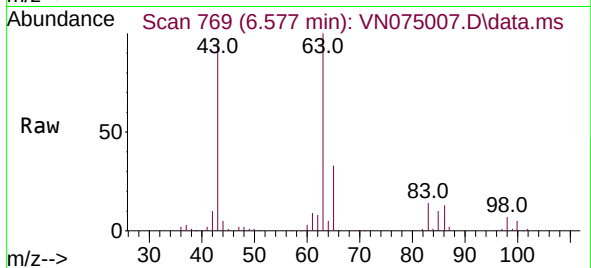
Tgt Ion: 63 Resp: 363922

Ion Ratio Lower Upper

63 100

98 7.5 3.2 9.6

100 5.1 2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 140.960 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.000 min

Lab File: VN075007.D

Acq: 25 Oct 2022 12:48

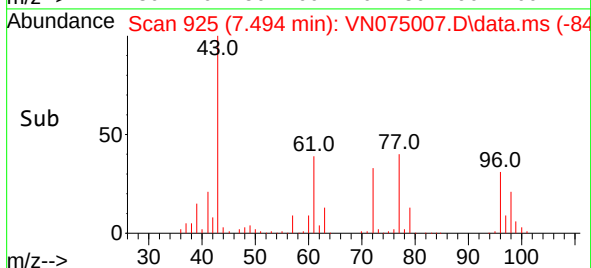
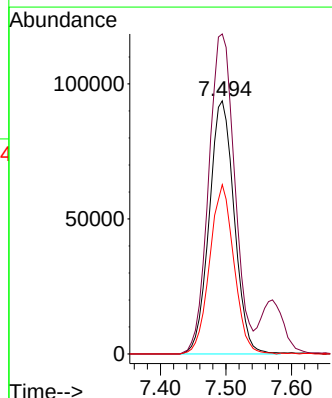
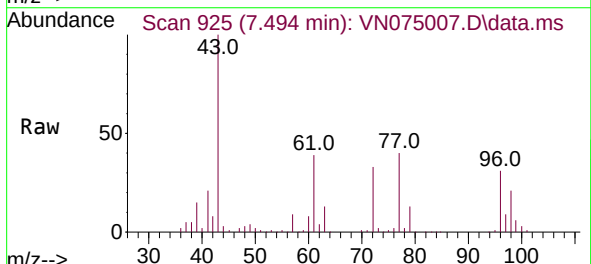
Tgt Ion: 96 Resp: 248648

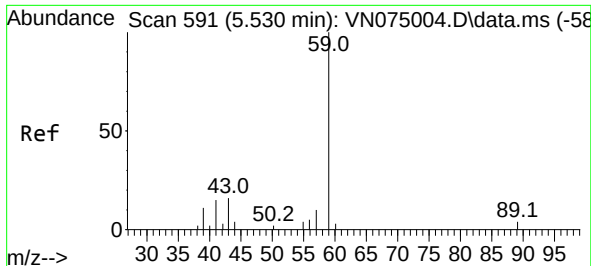
Ion Ratio Lower Upper

96 100

61 131.3 115.7 173.5

98 64.7 51.6 77.4

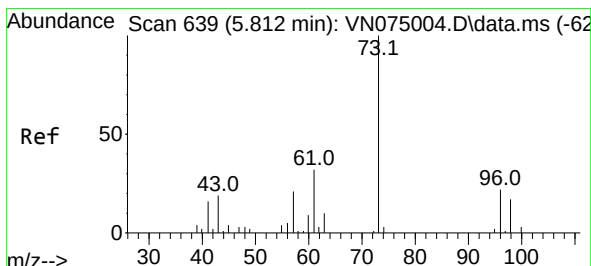
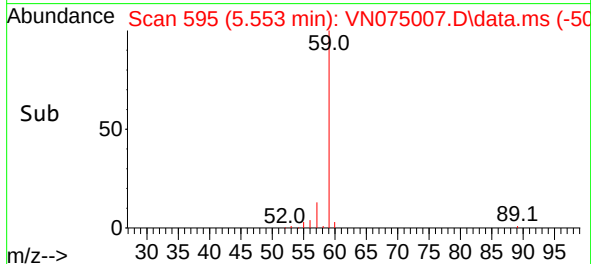
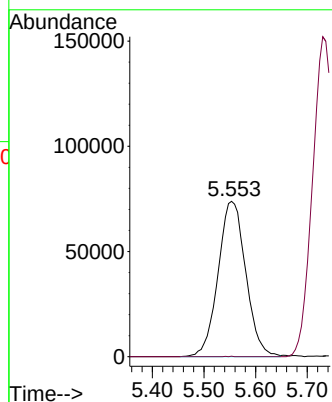
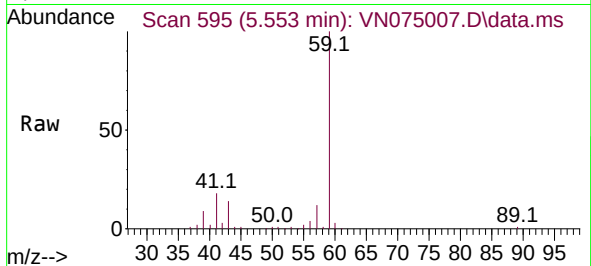




#23
tert-Butyl Alcohol
Concen: 674.830 ug/l
RT: 5.553 min Scan# 591
Delta R.T. 0.023 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

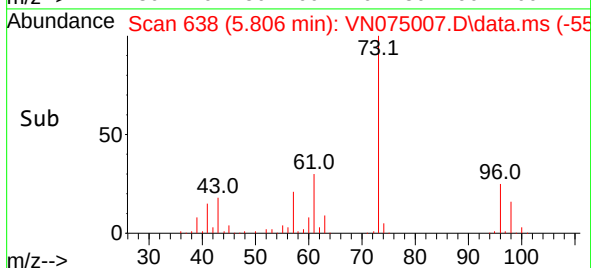
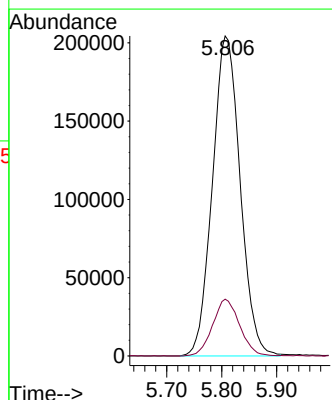
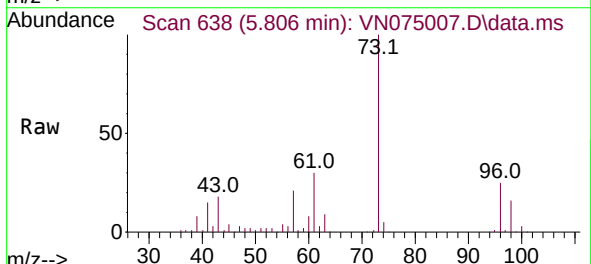
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

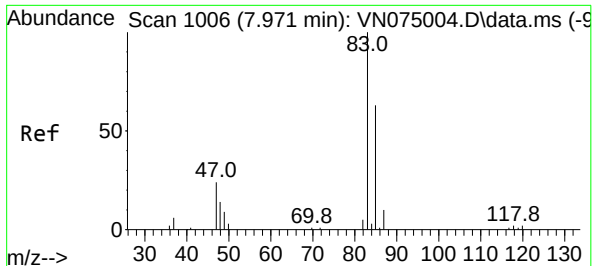
Tgt Ion: 59 Resp: 274541
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 139.510 ug/l
RT: 5.806 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 73 Resp: 716508
Ion Ratio Lower Upper
73 100
43 17.3 18.1 27.1#

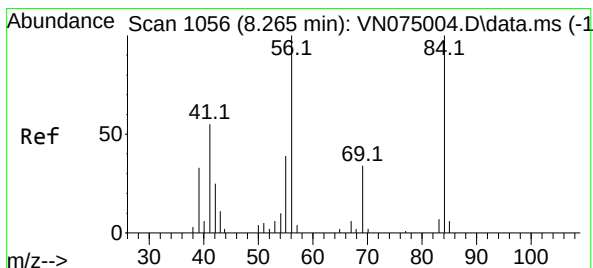
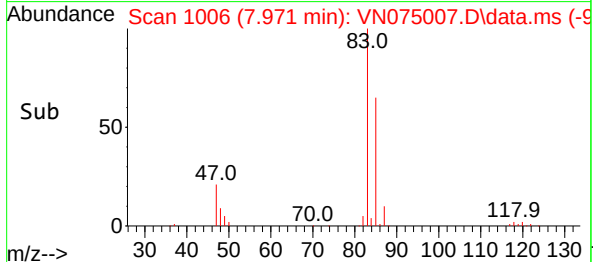
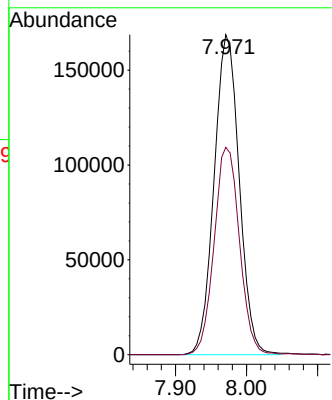
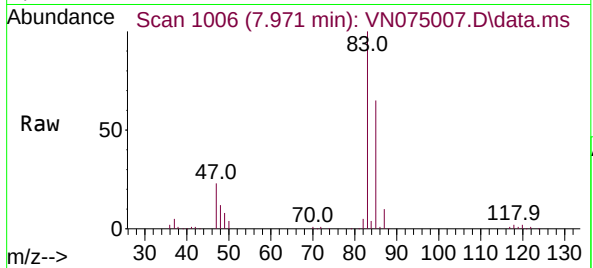




#25
Chloroform
Concen: 138.292 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

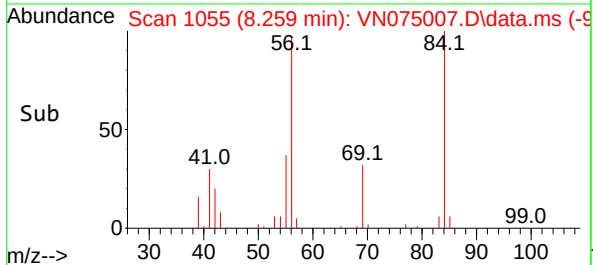
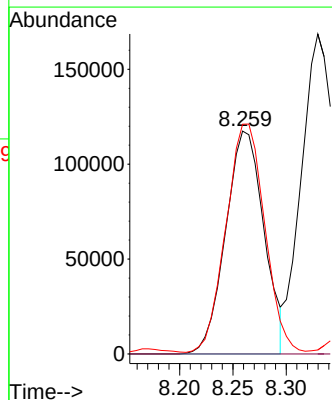
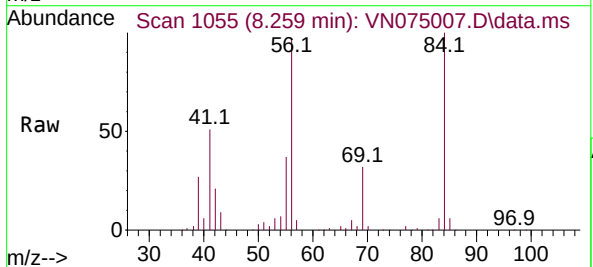
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

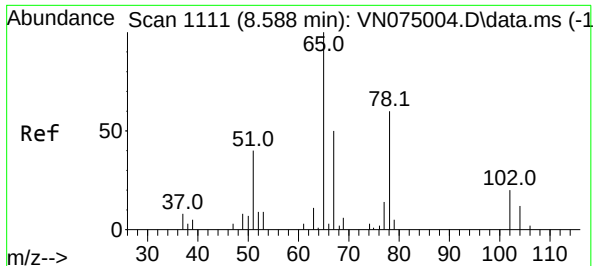
Tgt Ion: 83 Resp: 414396
Ion Ratio Lower Upper
83 100
85 64.8 51.3 76.9



#26
Cyclohexane
Concen: 134.911 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 56 Resp: 293955
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 105.3 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 26.592 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN075007.D

Acq: 25 Oct 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

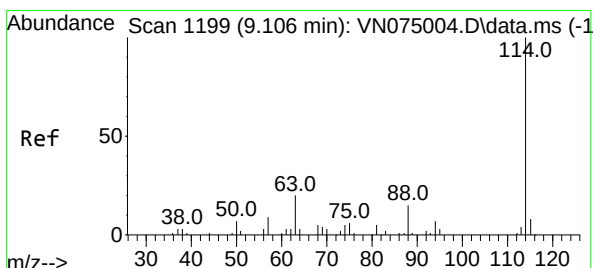
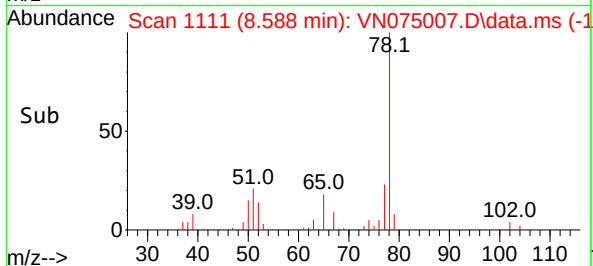
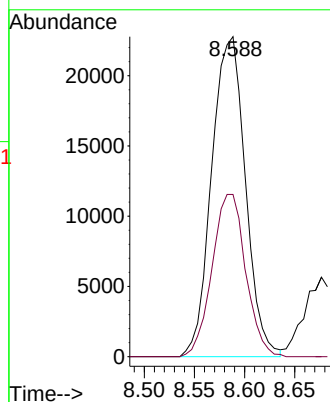
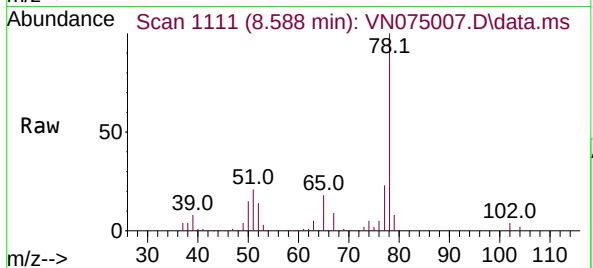
VSTDIC150

Tgt Ion: 65 Resp: 53293

Ion Ratio Lower Upper

65 100

67 50.4 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075007.D

Acq: 25 Oct 2022 12:48

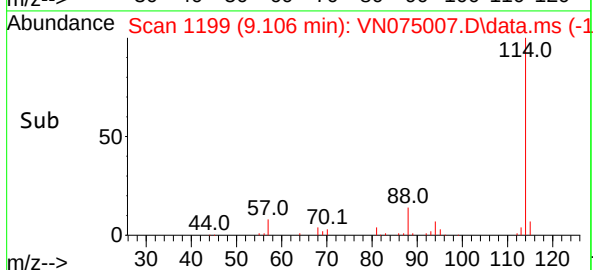
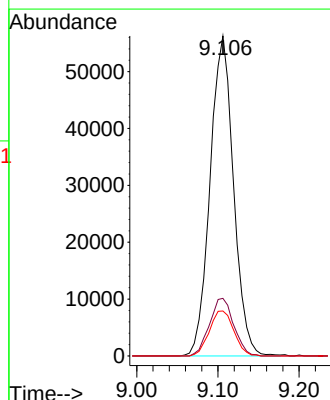
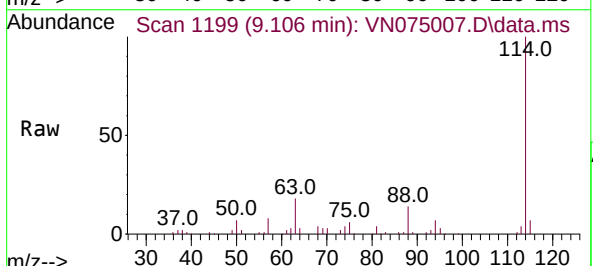
Tgt Ion: 114 Resp: 112900

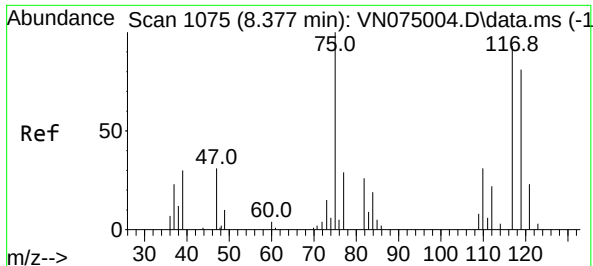
Ion Ratio Lower Upper

114 100

63 18.6 15.8 23.6

88 14.7 11.6 17.4





#29

1,1-Dichloropropene

Concen: 148.972 ug/l

RT: 8.377 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075007.D

Acq: 25 Oct 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

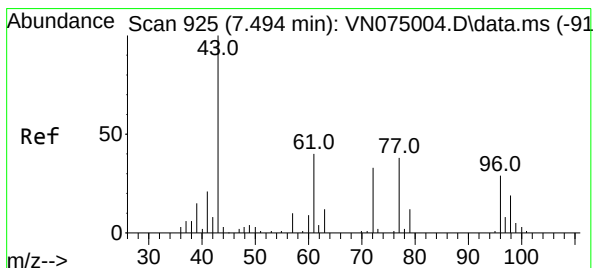
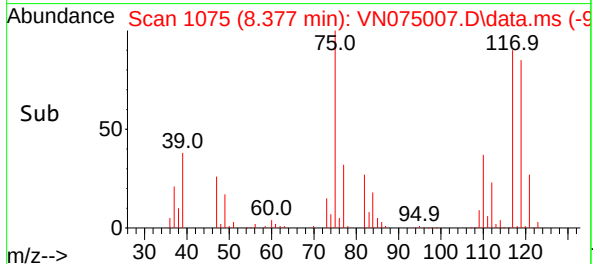
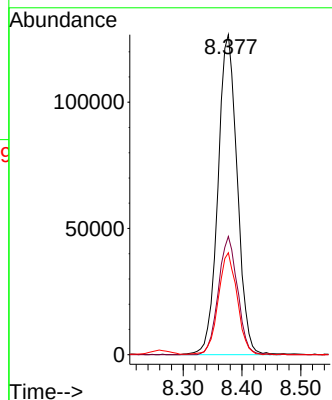
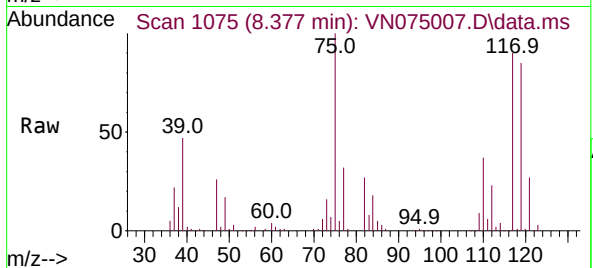
Tgt Ion: 75 Resp: 288493

Ion Ratio Lower Upper

75 100

110 36.5 0.0 74.2

77 31.4 0.0 63.2



#30

2-Butanone

Concen: 706.871 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.000 min

Lab File: VN075007.D

Acq: 25 Oct 2022 12:48

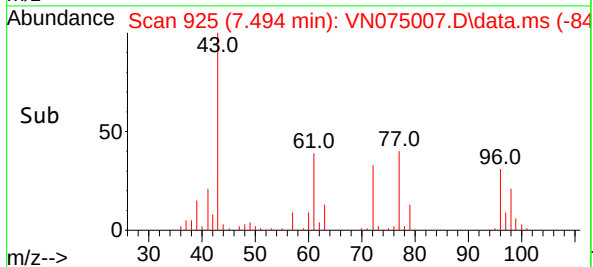
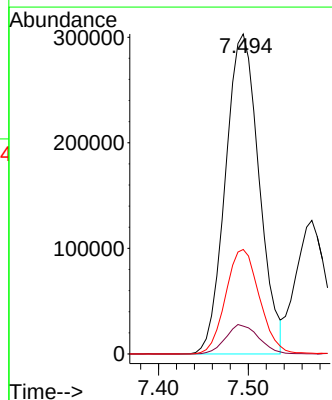
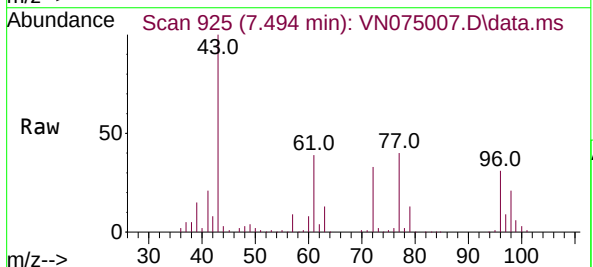
Tgt Ion: 43 Resp: 789116

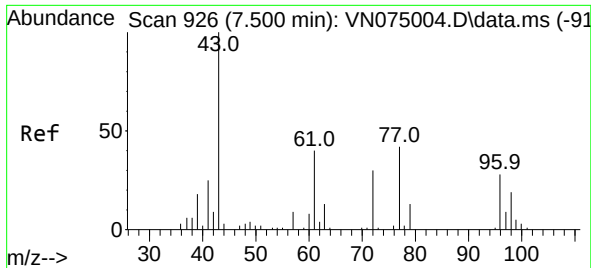
Ion Ratio Lower Upper

43 100

57 9.0 6.7 10.1

72 32.9 23.2 34.8





#31

2,2-Dichloropropane

Concen: 148.899 ug/l

RT: 7.500 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075007.D

Acq: 25 Oct 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

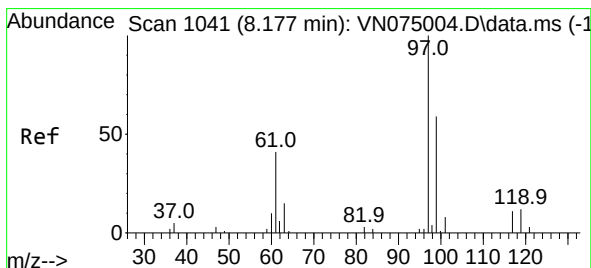
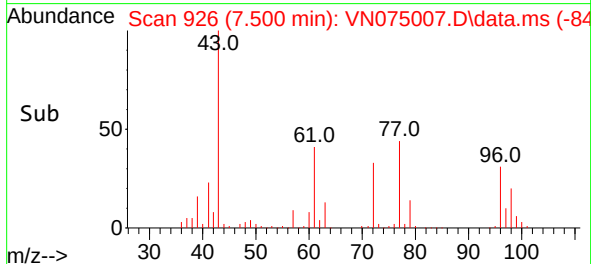
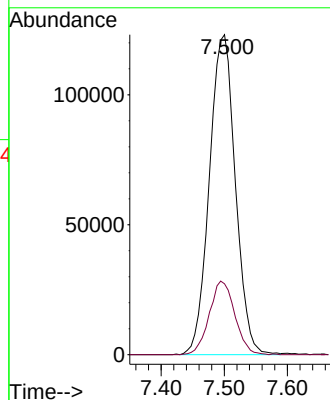
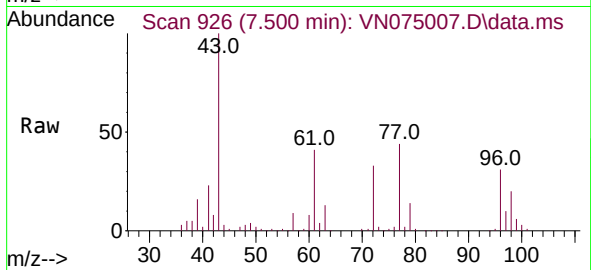
VSTDIC150

Tgt Ion: 77 Resp: 352226

Ion Ratio Lower Upper

77 100

97 22.6 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 153.485 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VN075007.D

Acq: 25 Oct 2022 12:48

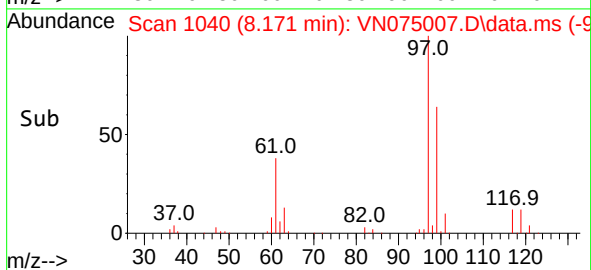
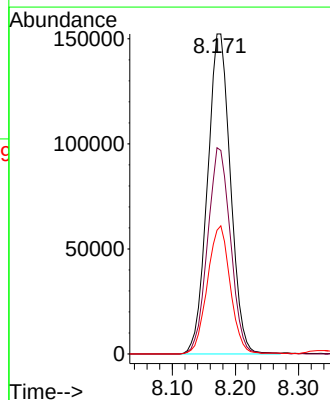
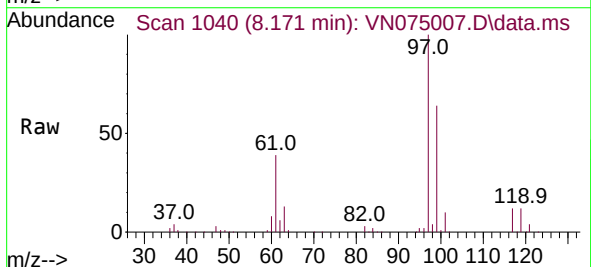
Tgt Ion: 97 Resp: 384954

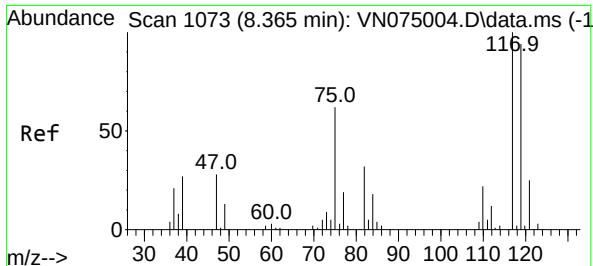
Ion Ratio Lower Upper

97 100

99 64.2 50.4 75.6

61 39.8 34.6 51.8

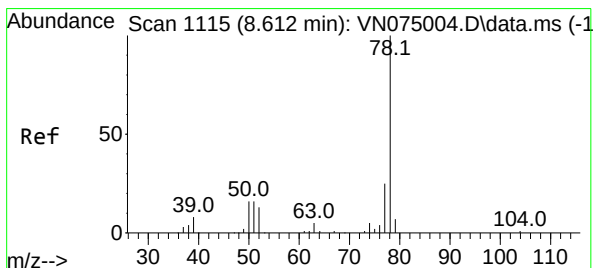
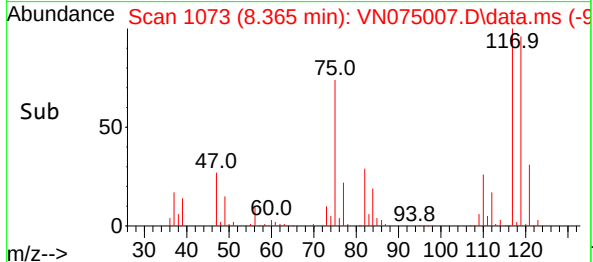
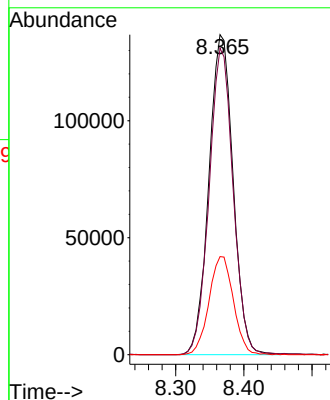
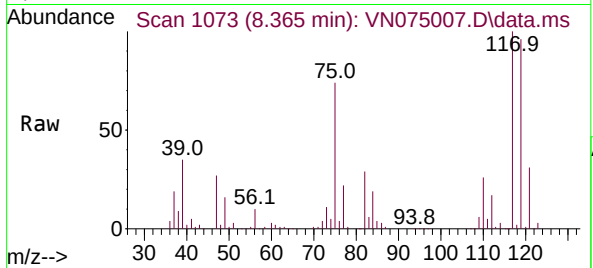




#33
Carbon Tetrachloride
Concen: 153.222 ug/l
RT: 8.365 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

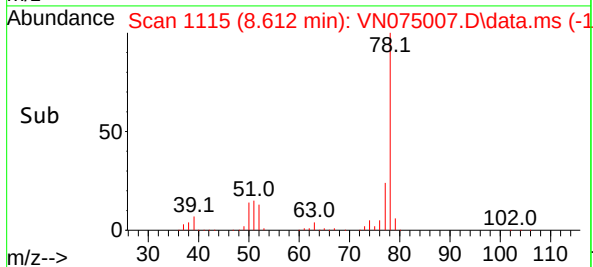
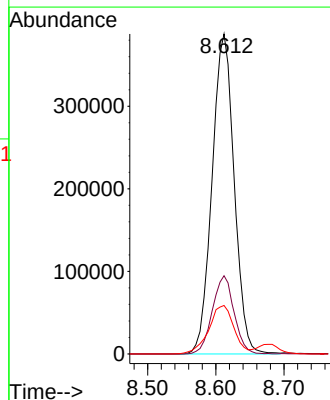
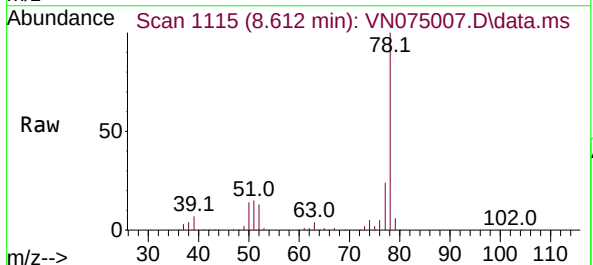
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

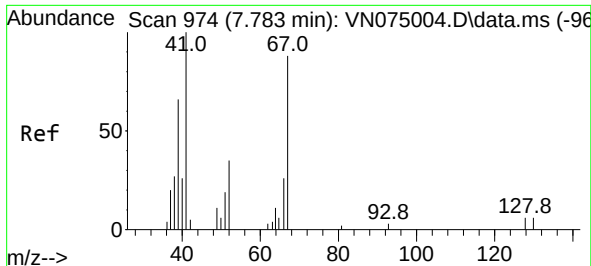
Tgt Ion:117 Resp: 338377
Ion Ratio Lower Upper
117 100
119 95.6 77.5 116.3
121 30.7 23.5 35.3



#34
Benzene
Concen: 147.827 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 78 Resp: 875198
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7
51 15.0 16.0 24.0#

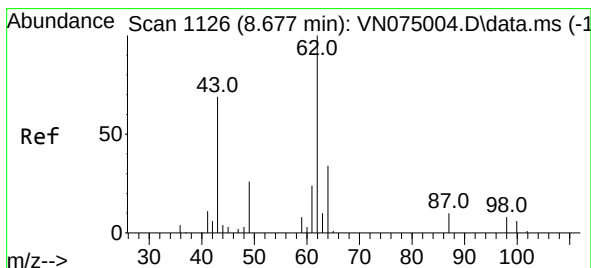
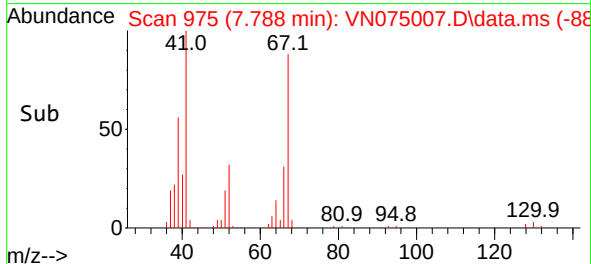
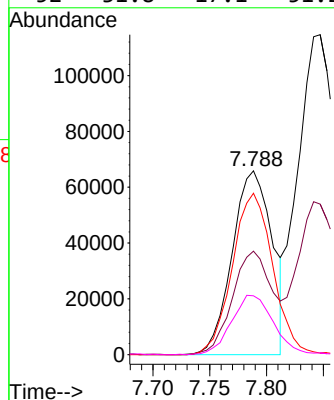
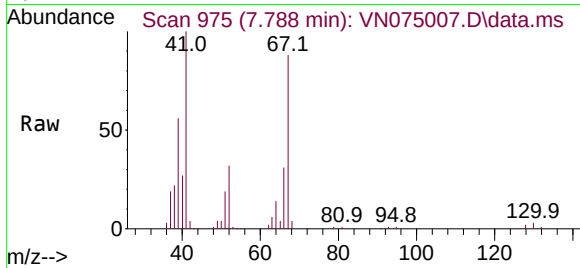




#35
Methacrylonitrile
Concen: 150.944 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

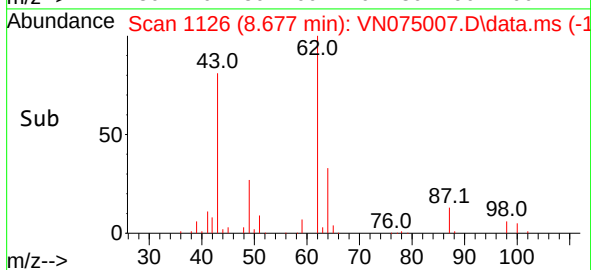
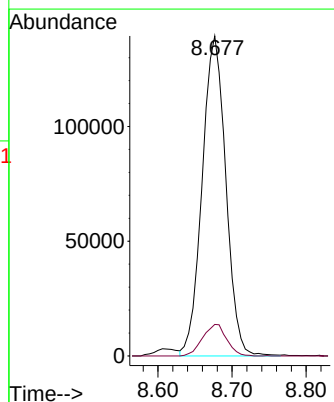
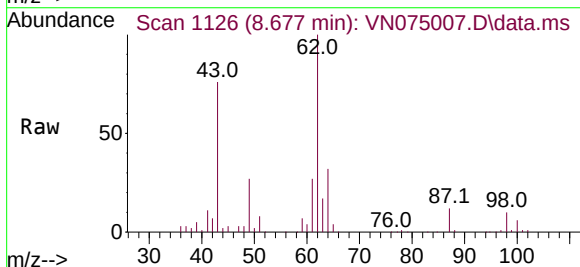
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

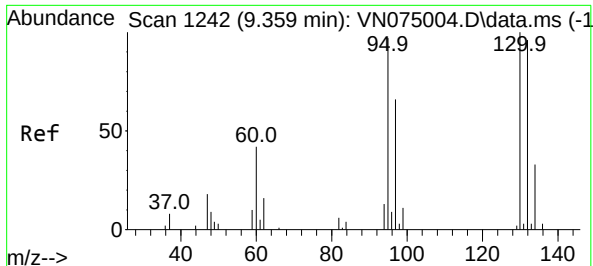
Tgt Ion: 41 Resp: 161507
Ion Ratio Lower Upper
41 100
39 56.3 28.0 83.9
67 87.8 37.7 113.1
52 31.8 17.1 51.2



#36
1,2-Dichloroethane
Concen: 141.047 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 62 Resp: 309419
Ion Ratio Lower Upper
62 100
98 10.0 6.6 10.0#





#37

Trichloroethene

Concen: 150.488 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. -0.006 min

Lab File: VN075007.D

Acq: 25 Oct 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

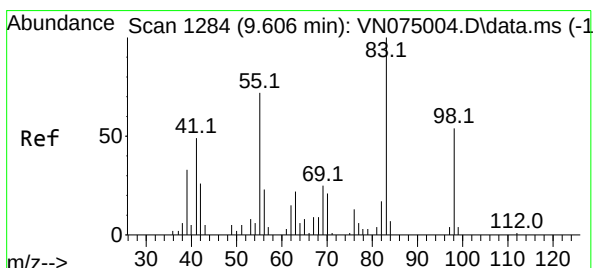
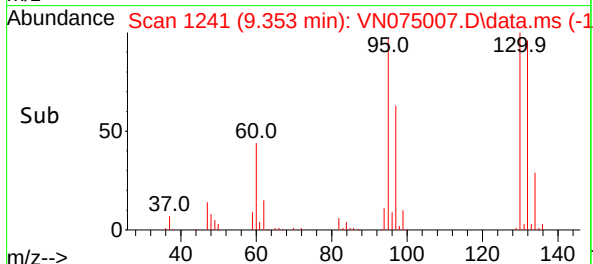
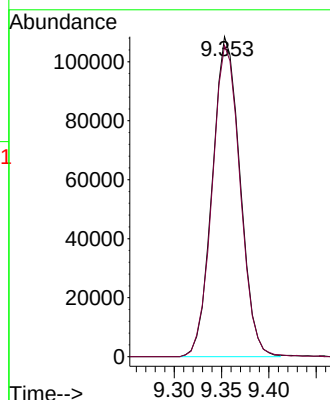
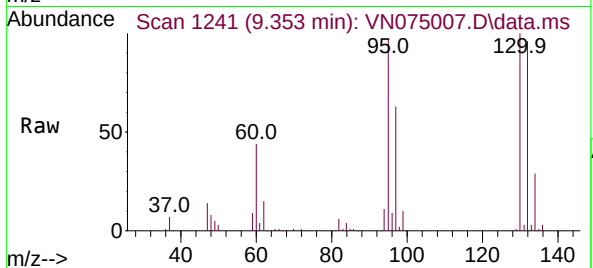
VSTDIC150

Tgt Ion:130 Resp: 221399

Ion Ratio Lower Upper

130 100

95 97.2 76.6 115.0



#38

Methylcyclohexane

Concen: 150.120 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VN075007.D

Acq: 25 Oct 2022 12:48

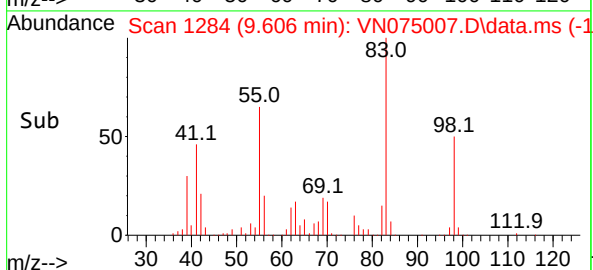
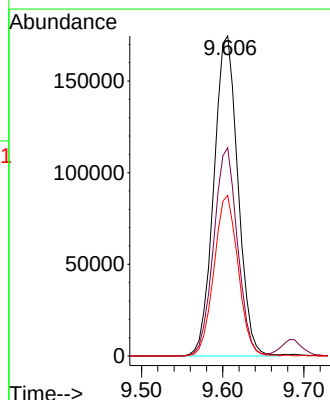
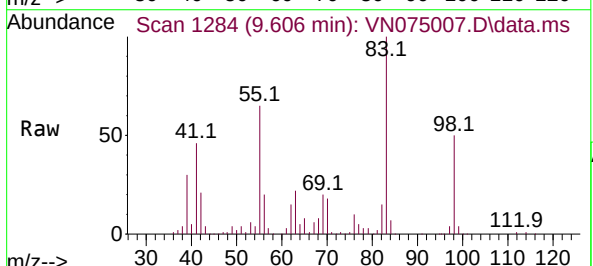
Tgt Ion: 83 Resp: 360461

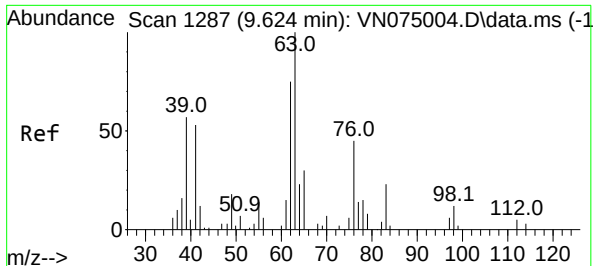
Ion Ratio Lower Upper

83 100

55 64.3 35.1 105.3

98 50.1 23.4 70.2





#39

1,2-Dichloropropane

Concen: 143.379 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075007.D

Acq: 25 Oct 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

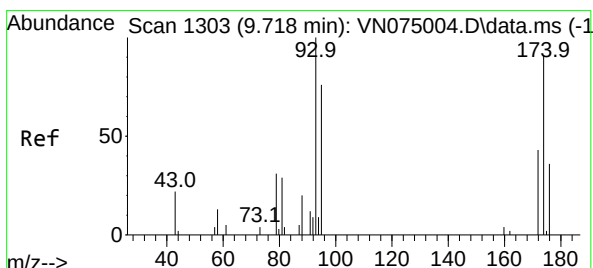
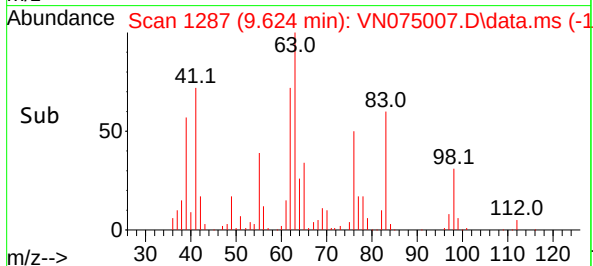
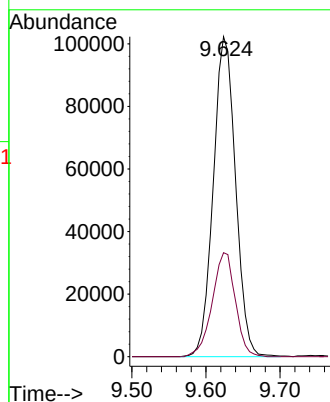
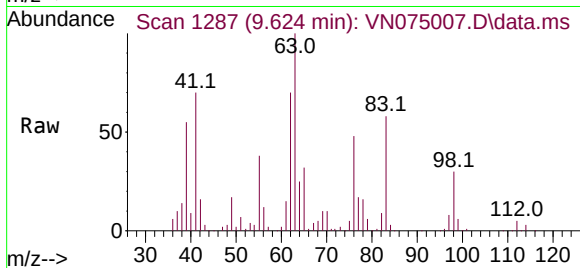
VSTDIC150

Tgt Ion: 63 Resp: 213693

Ion Ratio Lower Upper

63 100

65 32.5 24.2 36.4



#40

Dibromomethane

Concen: 149.969 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.006 min

Lab File: VN075007.D

Acq: 25 Oct 2022 12:48

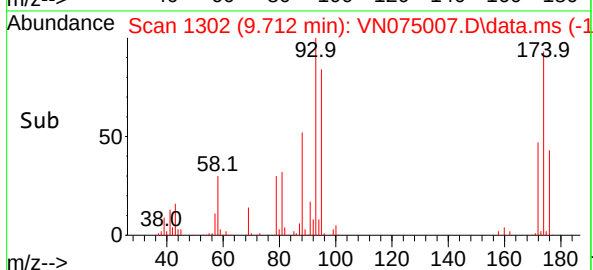
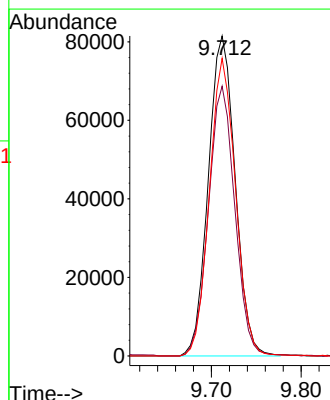
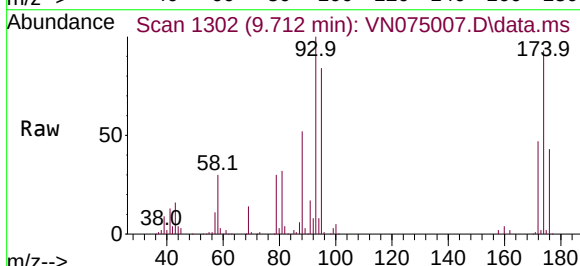
Tgt Ion: 93 Resp: 169576

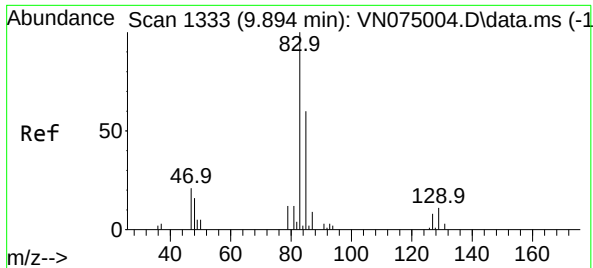
Ion Ratio Lower Upper

93 100

95 82.6 0.0 168.8

174 90.4 0.0 173.6

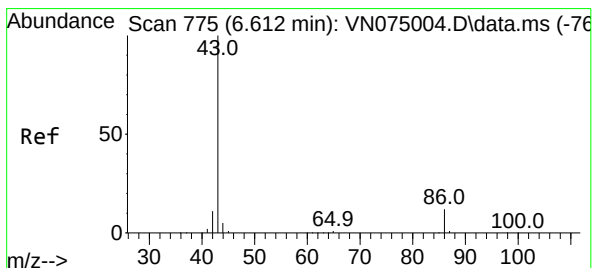
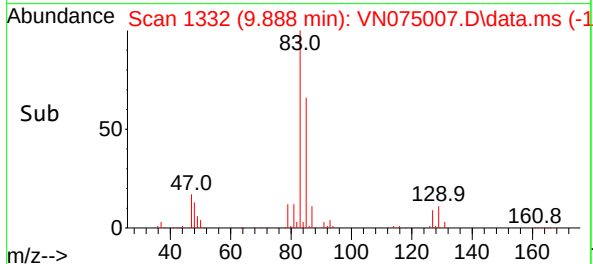
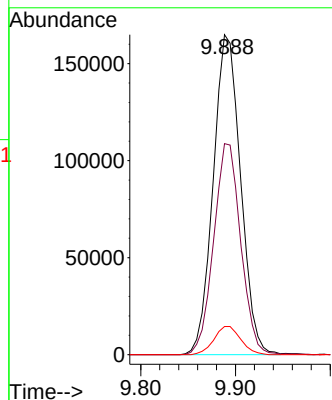
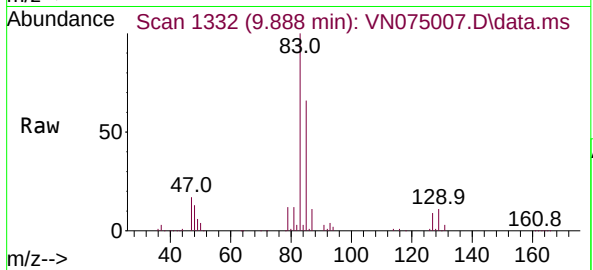




#41
Bromodichloromethane
Concen: 150.574 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

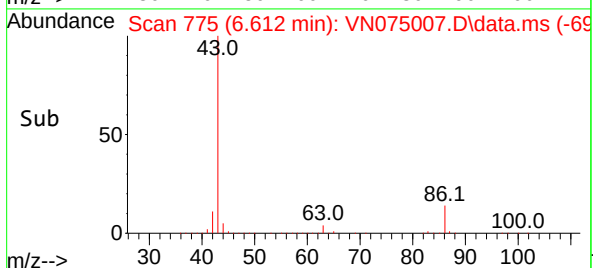
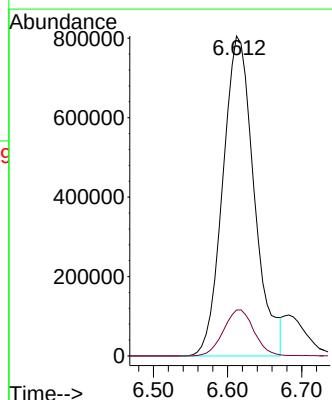
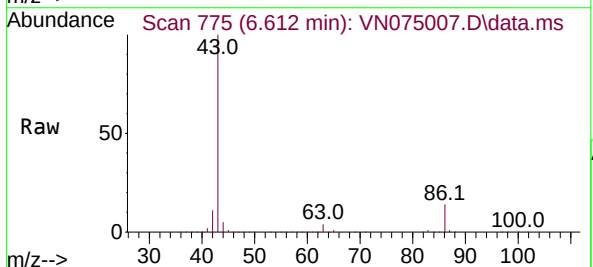
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

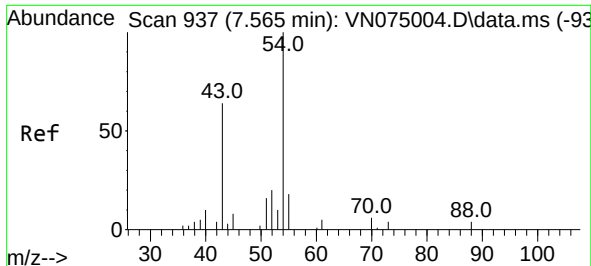
Tgt Ion: 83 Resp: 331481
Ion Ratio Lower Upper
83 100
85 65.9 54.1 81.1
127 8.8 7.6 11.4



#42
Vinyl Acetate
Concen: 753.092 ug/l
RT: 6.612 min Scan# 775
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 43 Resp: 2368081
Ion Ratio Lower Upper
43 100
86 14.1 7.5 11.3#

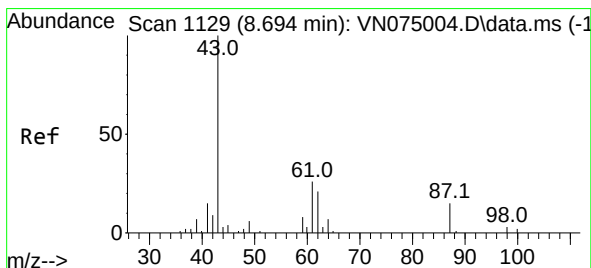
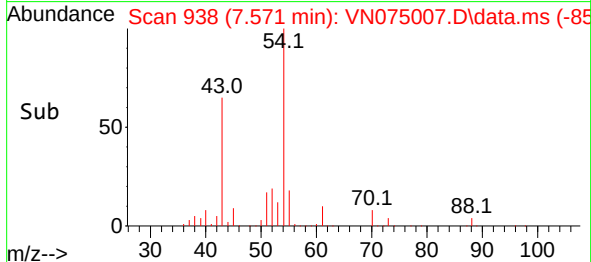
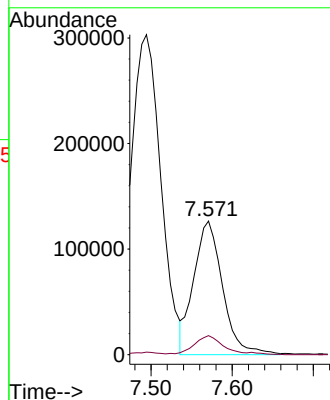
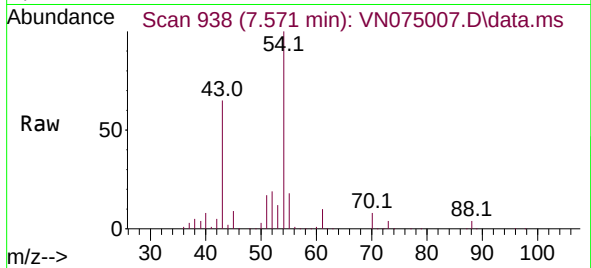




#43
Ethyl Acetate
Concen: 141.845 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

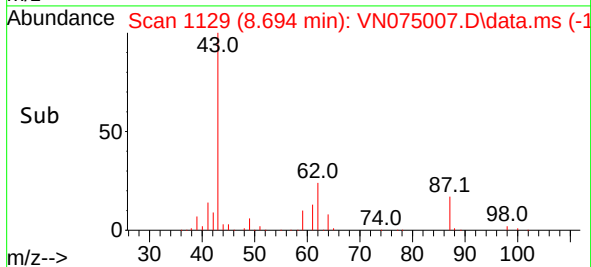
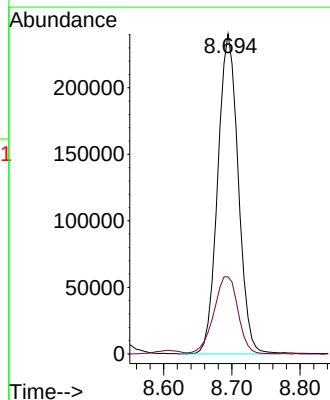
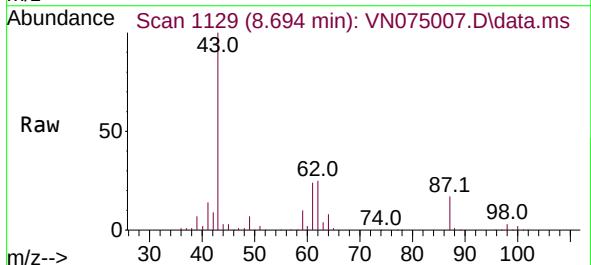
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

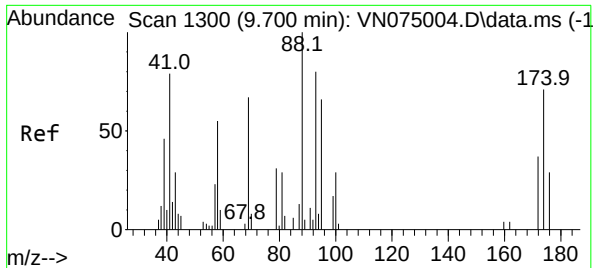
Tgt Ion: 43 Resp: 312943
Ion Ratio Lower Upper
43 100
45 14.1 10.6 16.0



#44
Isopropyl Acetate
Concen: 142.221 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 43 Resp: 503314
Ion Ratio Lower Upper
43 100
61 28.6 20.1 30.1

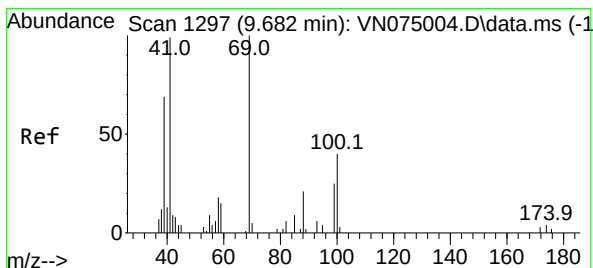
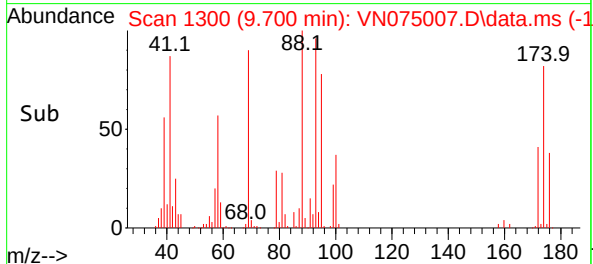
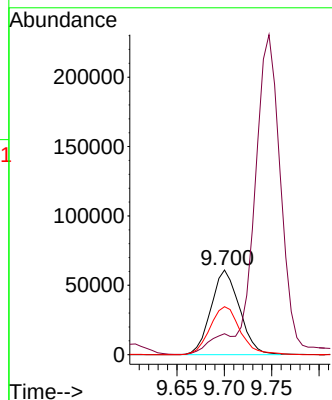
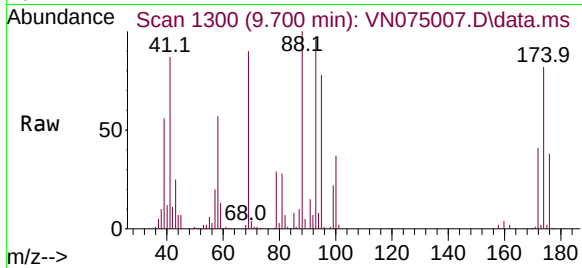




#45
1,4-Dioxane
Concen: 2927.946 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

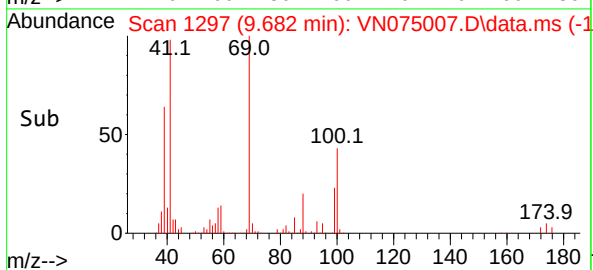
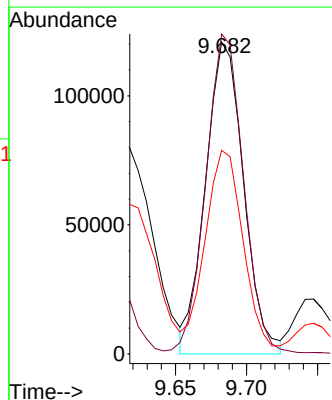
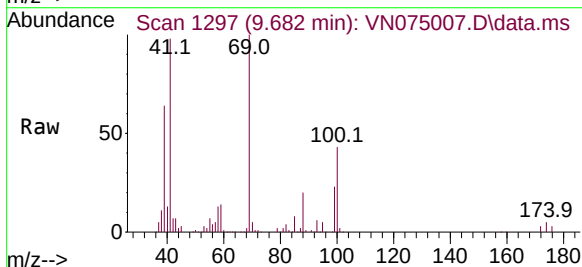
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

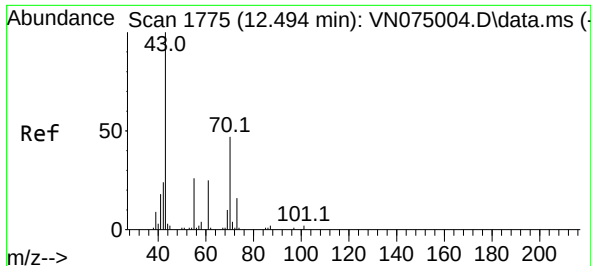
Tgt Ion: 88 Resp: 127537
Ion Ratio Lower Upper
88 100
43 19.0 25.0 37.6#
58 60.4 49.4 74.2



#46
Methyl methacrylate
Concen: 141.997 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 41 Resp: 225429
Ion Ratio Lower Upper
41 100
69 105.4 44.4 133.2
39 65.4 39.9 119.6

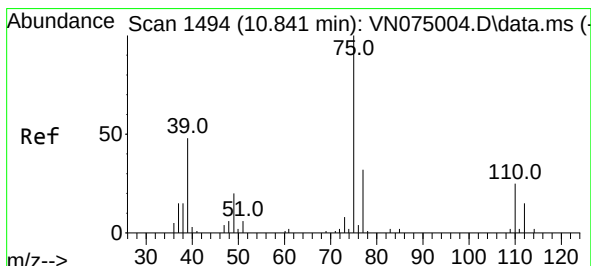
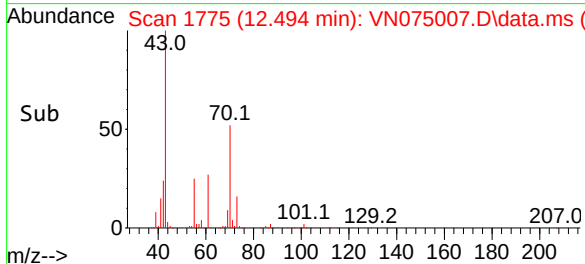
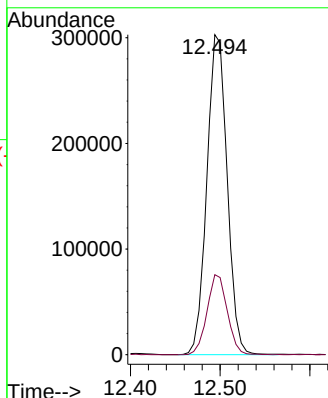
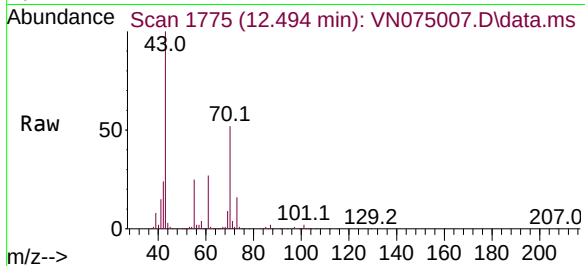




#47
n-amy1 Acetate
Concen: 156.673 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

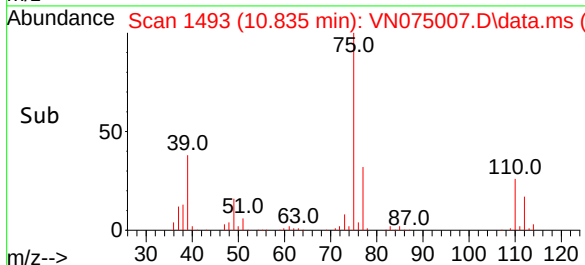
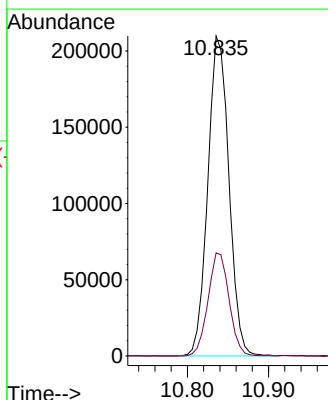
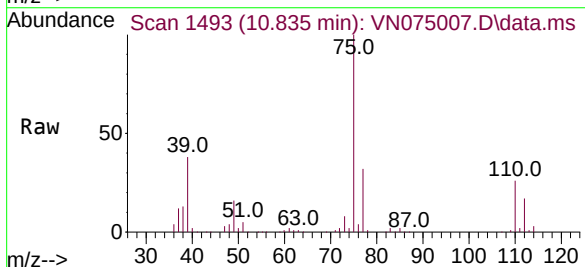
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

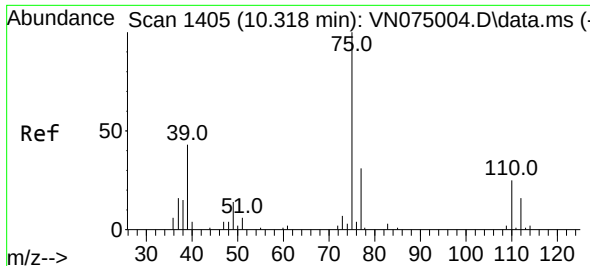
Tgt Ion: 43 Resp: 476317
Ion Ratio Lower Upper
43 100
55 24.8 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 157.570 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 75 Resp: 378958
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 153.635 ug/l

RT: 10.312 min Scan# 1404

Delta R.T. -0.006 min

Lab File: VN075007.D

Acq: 25 Oct 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

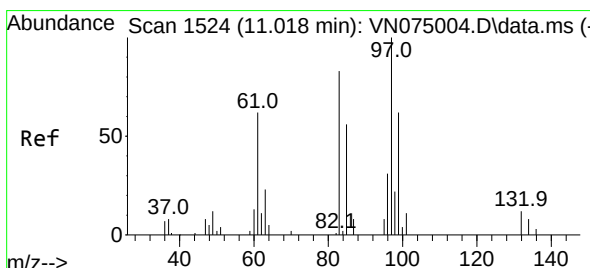
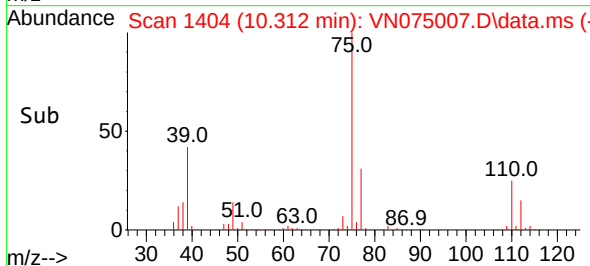
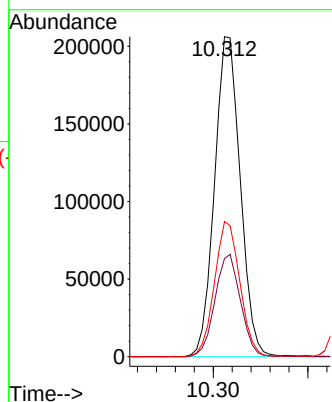
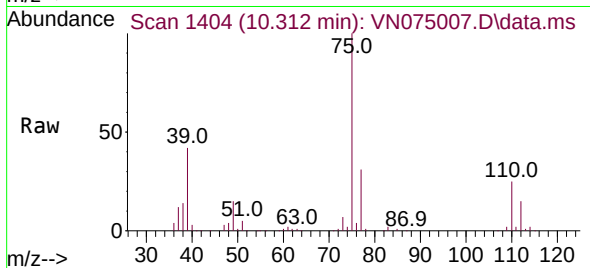
Tgt Ion: 75 Resp: 388362

Ion Ratio Lower Upper

75 100

77 30.6 25.3 37.9

39 42.3 46.2 69.4#



#50

1,1,2-Trichloroethane

Concen: 154.012 ug/l

RT: 11.018 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VN075007.D

Acq: 25 Oct 2022 12:48

Tgt Ion: 97 Resp: 255135

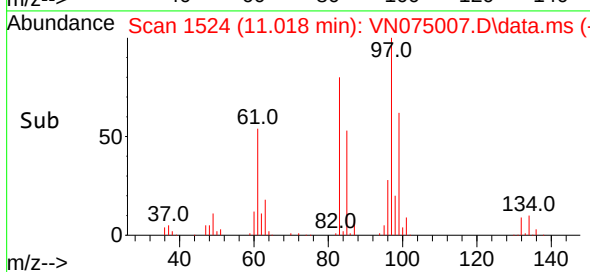
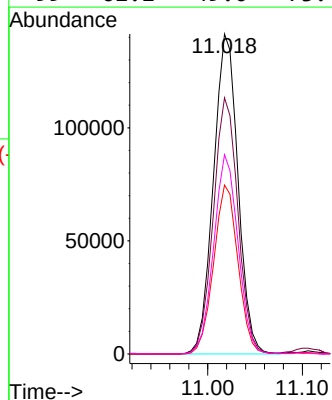
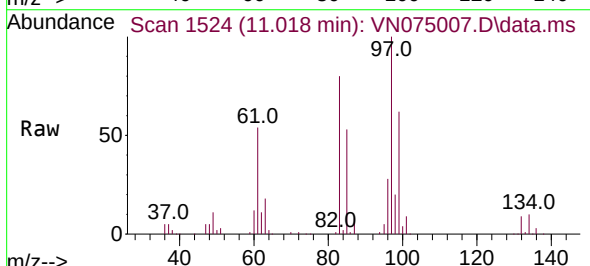
Ion Ratio Lower Upper

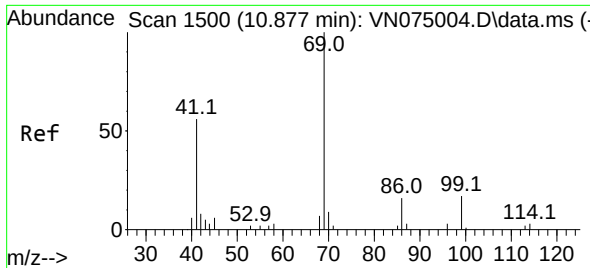
97 100

83 80.1 67.2 100.8

85 52.8 43.0 64.4

99 62.2 49.0 73.4

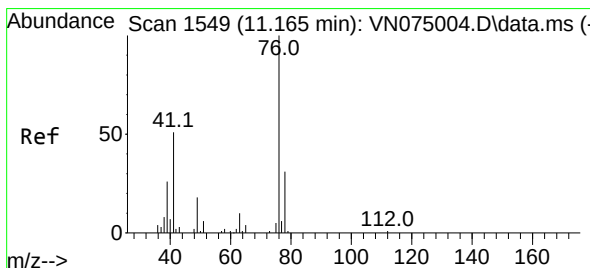
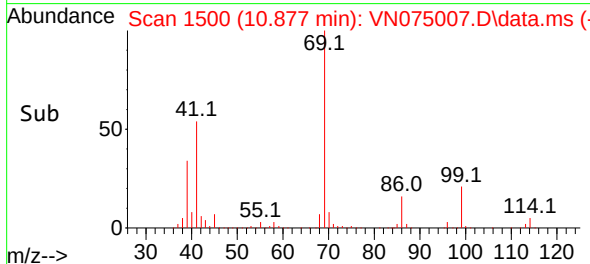
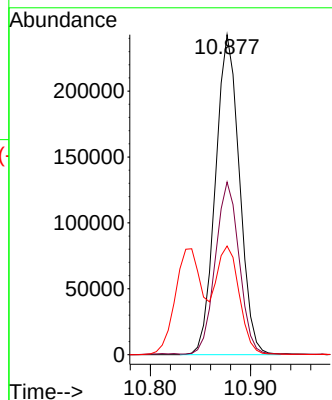
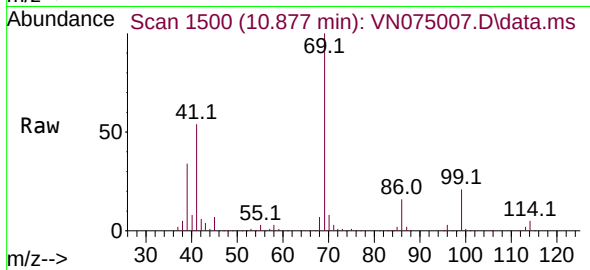




#51
Ethyl methacrylate
Concen: 156.362 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

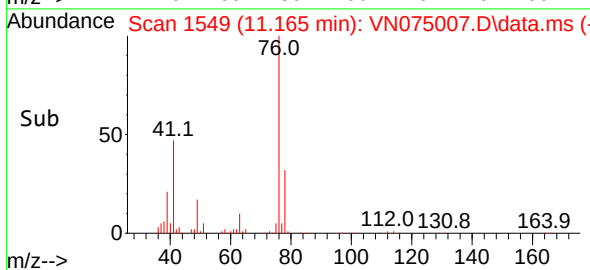
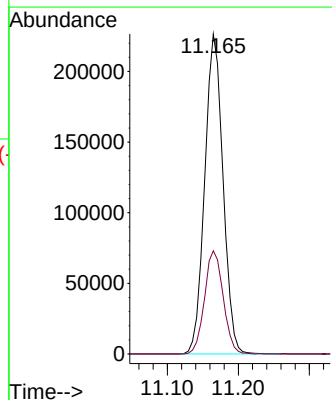
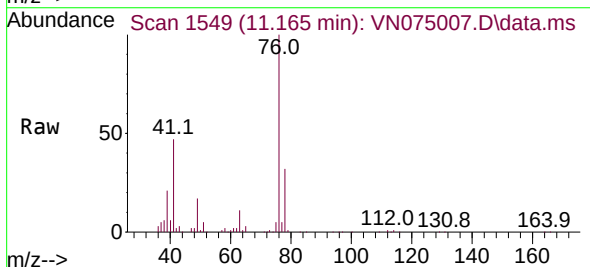
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

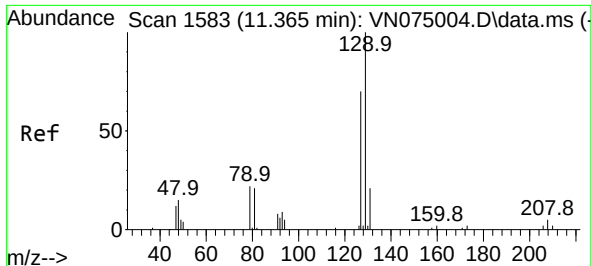
Tgt Ion: 69 Resp: 403579
Ion Ratio Lower Upper
69 100
41 53.7 33.0 98.9
39 33.8 25.4 76.4



#52
1,3-Dichloropropane
Concen: 146.447 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 76 Resp: 405754
Ion Ratio Lower Upper
76 100
78 32.9 0.0 65.4

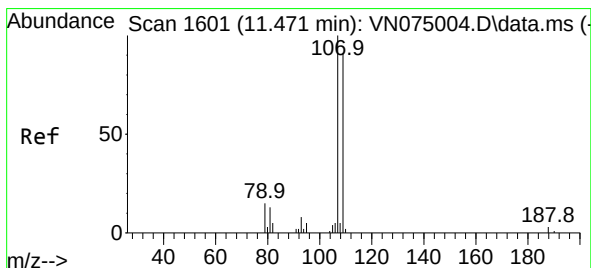
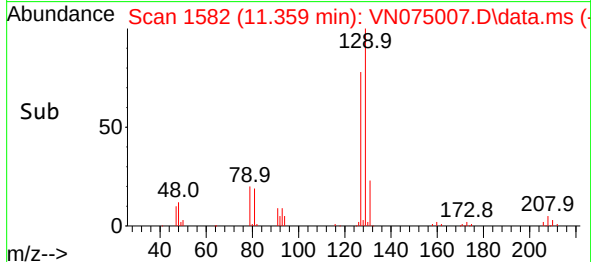
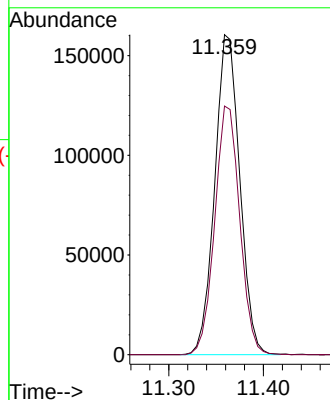
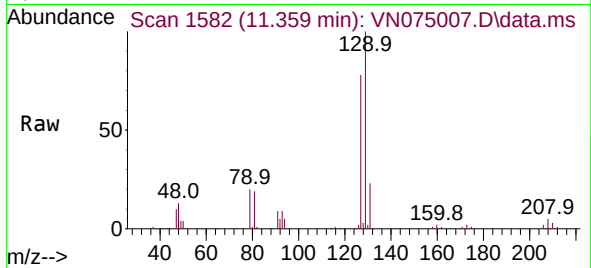




#53
Dibromochloromethane
Concen: 164.573 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

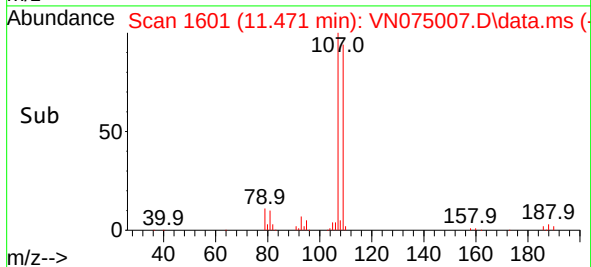
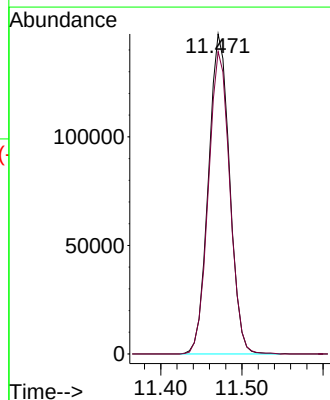
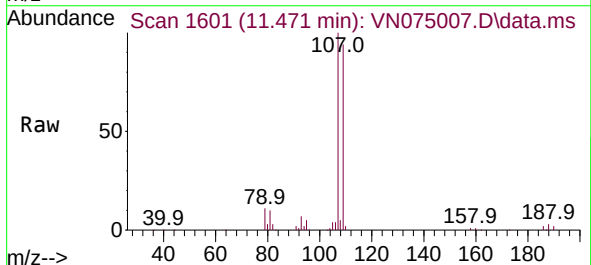
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

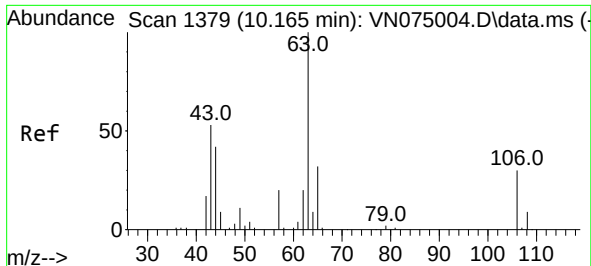
Tgt Ion:129 Resp: 294872
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0



#54
1,2-Dibromoethane
Concen: 155.594 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion:107 Resp: 266668
Ion Ratio Lower Upper
107 100
109 95.4 72.8 109.2

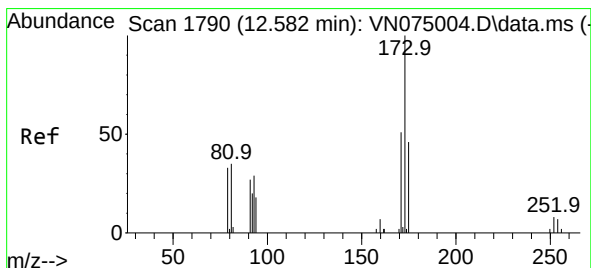
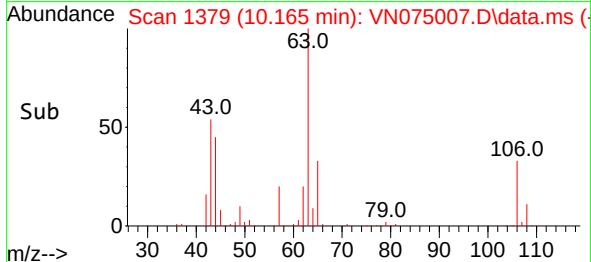
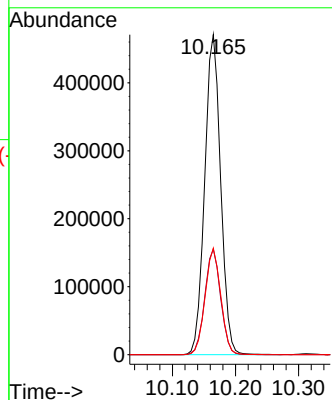
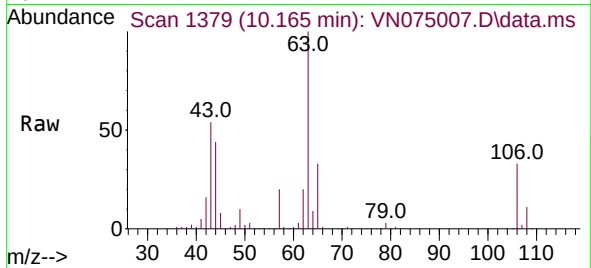




#55
2-Chloroethyl vinyl ether
Concen: 783.842 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

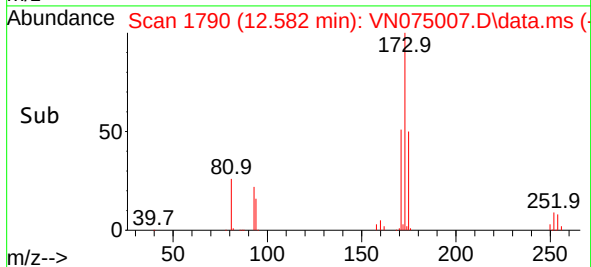
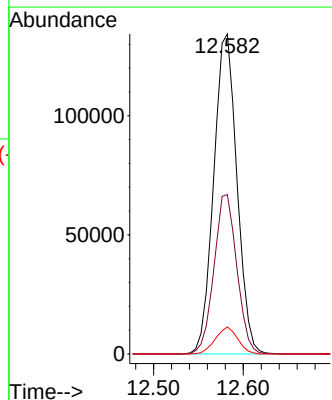
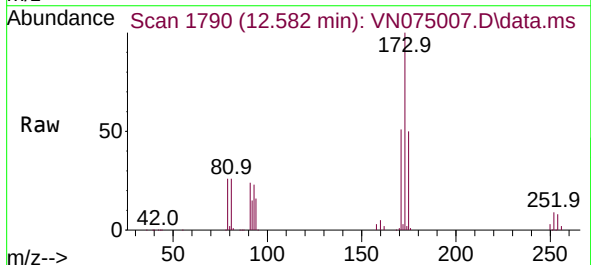
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

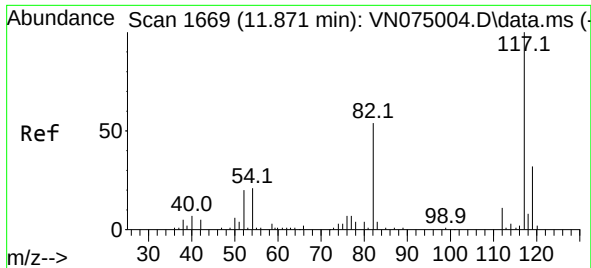
Tgt Ion: 63 Resp: 826562
Ion Ratio Lower Upper
63 100
65 32.8 25.4 38.0
106 32.8 23.2 34.8



#56
Bromoform
Concen: 183.644 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 173 Resp: 241580
Ion Ratio Lower Upper
173 100
175 49.0 38.6 58.0
254 8.1 0.0 0.0#

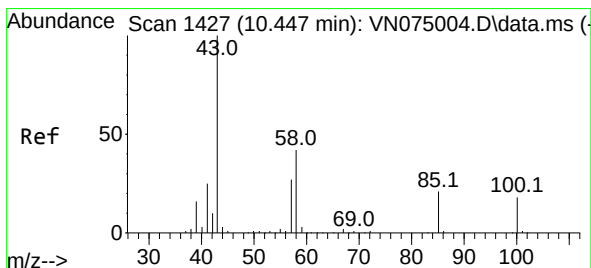
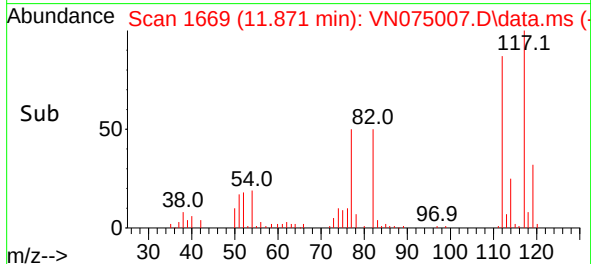
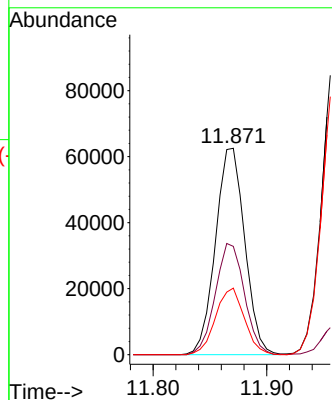
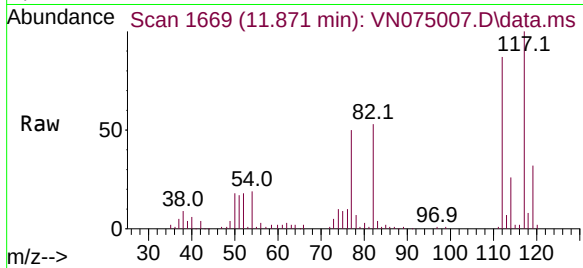




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

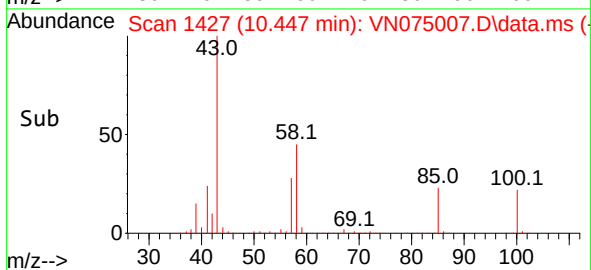
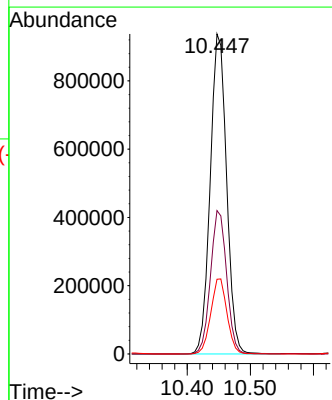
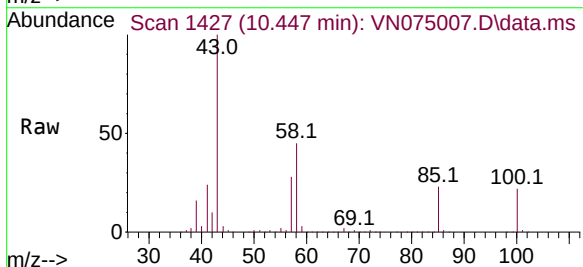
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

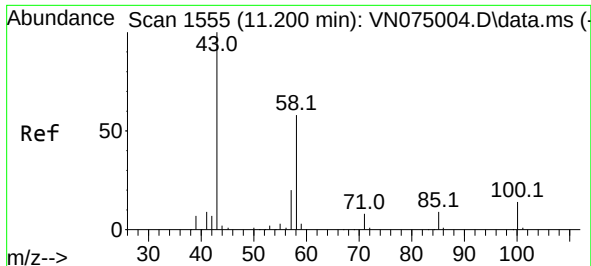
Tgt Ion:117 Resp: 112206
Ion Ratio Lower Upper
117 100
82 53.4 43.6 65.4
119 31.7 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 697.111 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 43 Resp: 1687193
Ion Ratio Lower Upper
43 100
58 44.2 30.0 45.0
85 23.3 15.0 22.6#

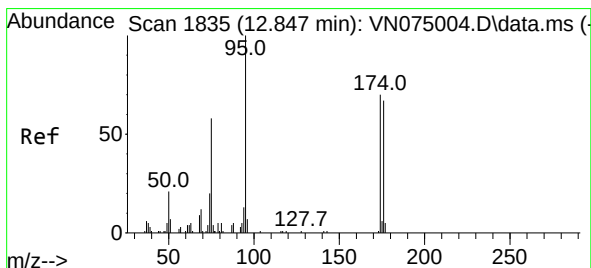
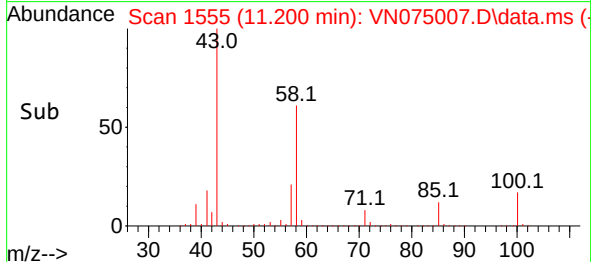
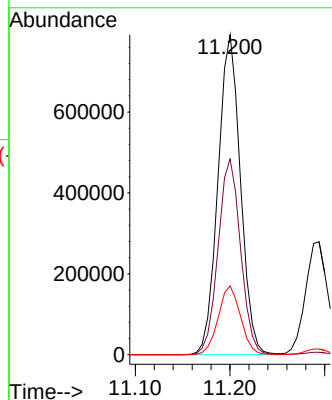
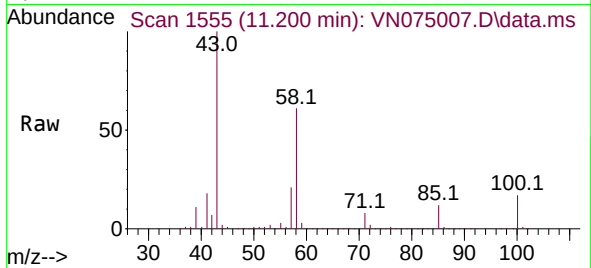




#59
2-Hexanone
Concen: 701.819 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

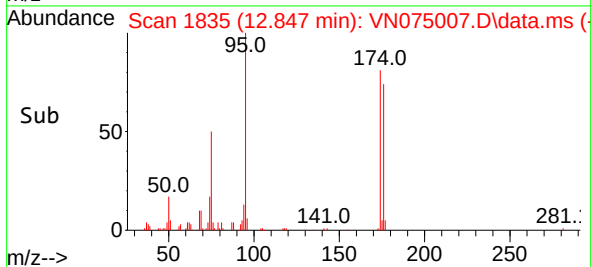
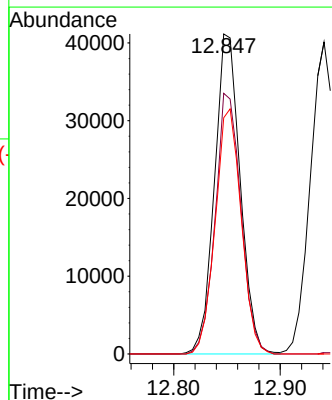
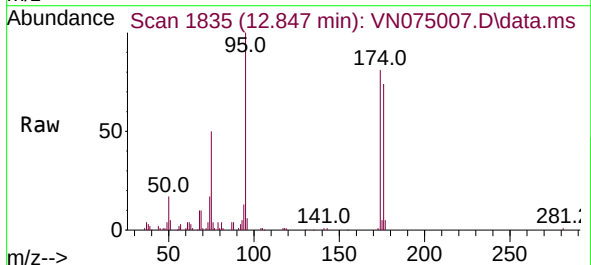
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

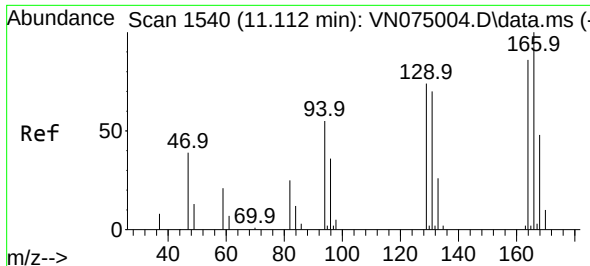
Tgt Ion: 43 Resp: 1303028
Ion Ratio Lower Upper
43 100
58 61.2 42.2 63.2
57 21.4 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 31.307 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 95 Resp: 69022
Ion Ratio Lower Upper
95 100
174 81.5 62.9 94.3
176 77.2 61.0 91.4

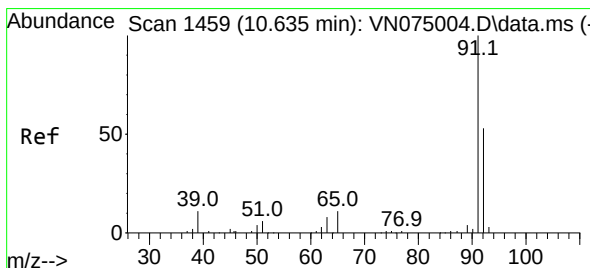
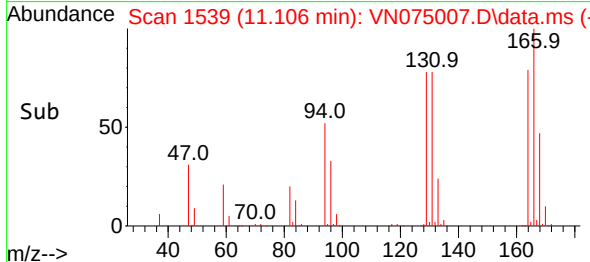
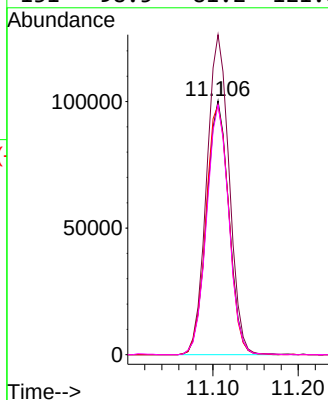
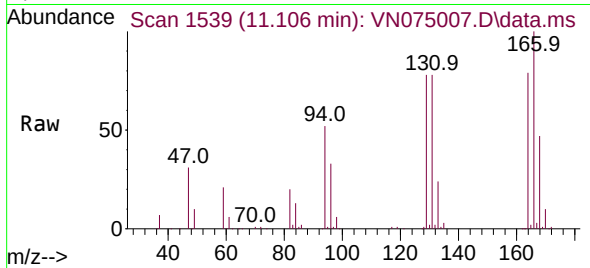




#61
Tetrachloroethene
Concen: 146.276 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

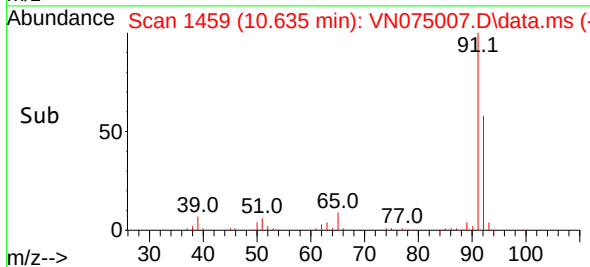
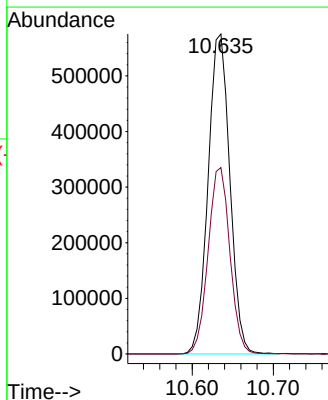
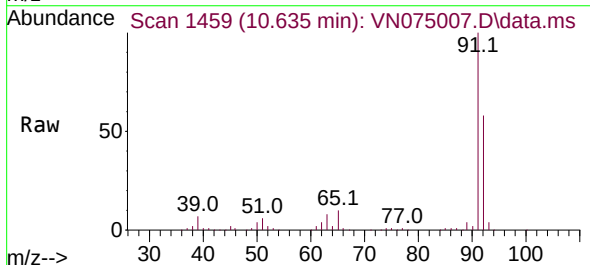
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

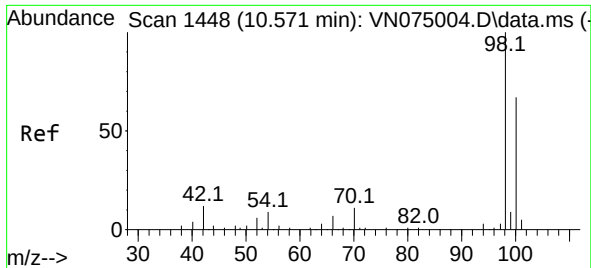
Tgt Ion:164 Resp: 182533
Ion Ratio Lower Upper
164 100
166 126.1 105.8 158.8
129 98.5 82.5 123.7
131 98.5 81.2 121.8



#62
Toluene
Concen: 147.306 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 91 Resp: 1070139
Ion Ratio Lower Upper
91 100
92 58.3 44.6 67.0

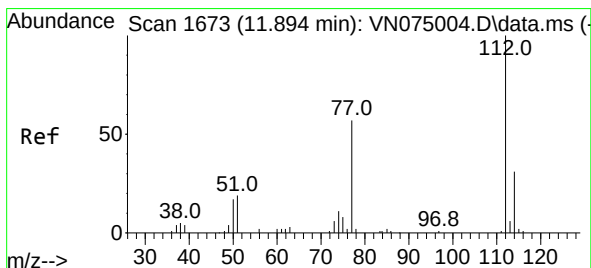
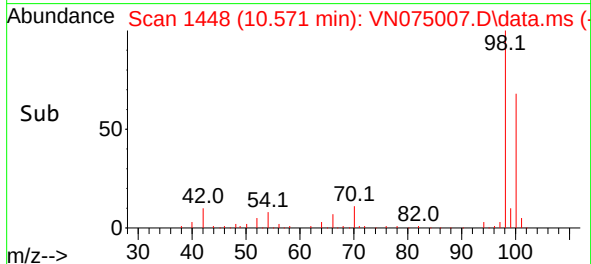
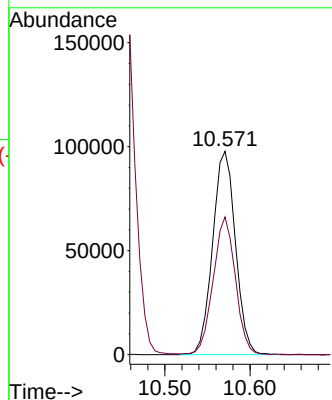
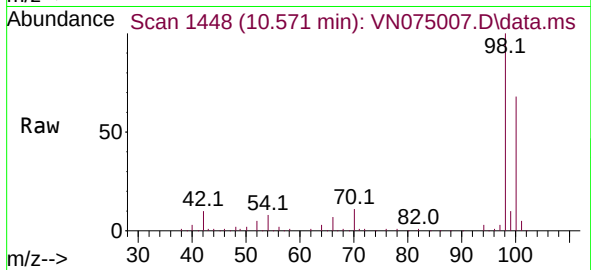




#63
Toluene-d8
Concen: 29.048 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

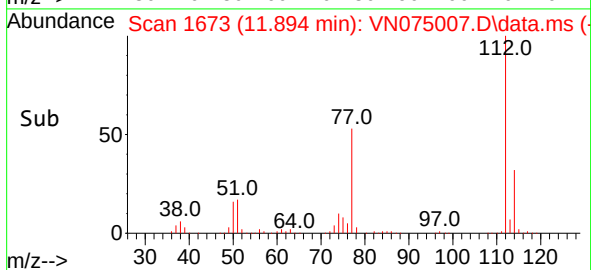
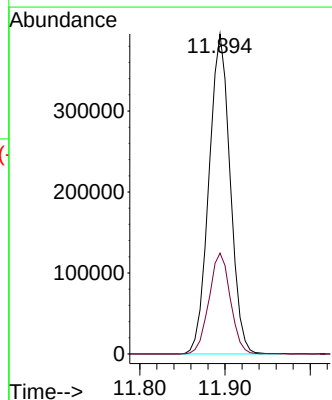
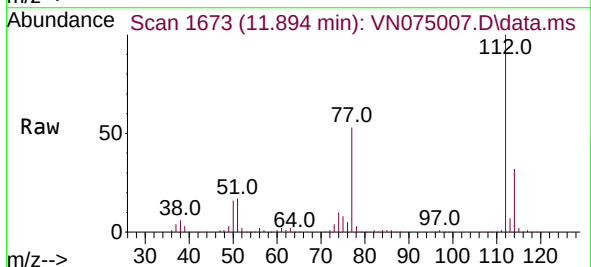
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

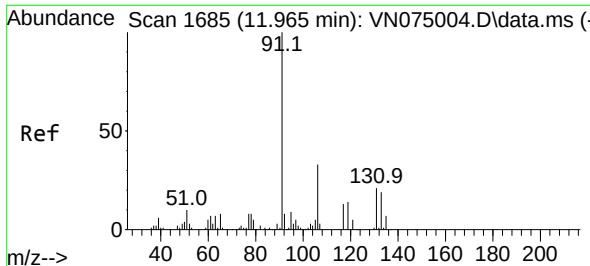
Tgt Ion: 98 Resp: 182295
Ion Ratio Lower Upper
98 100
100 65.9 50.6 76.0



#64
Chlorobenzene
Concen: 151.594 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 112 Resp: 682466
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

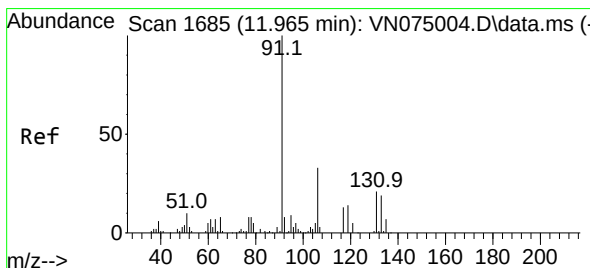
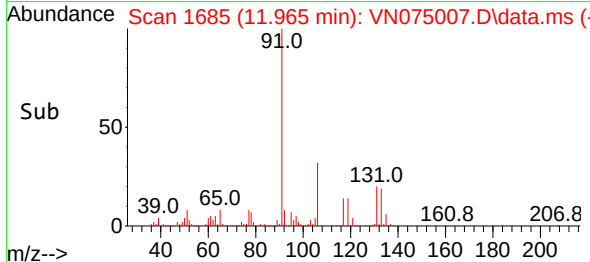
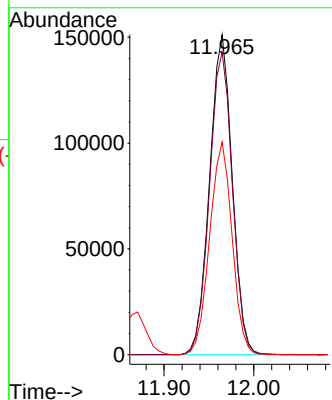
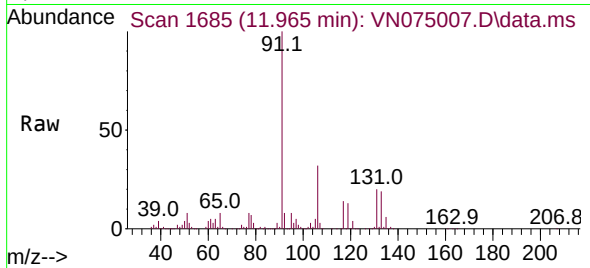




#65
1,1,1,2-Tetrachloroethane
Concen: 154.060 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

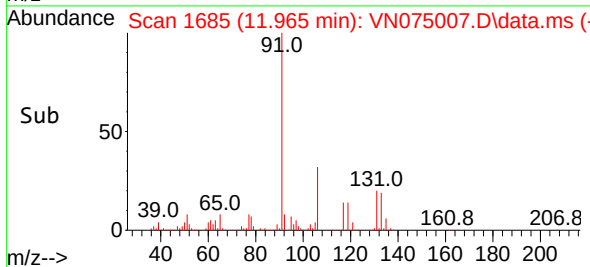
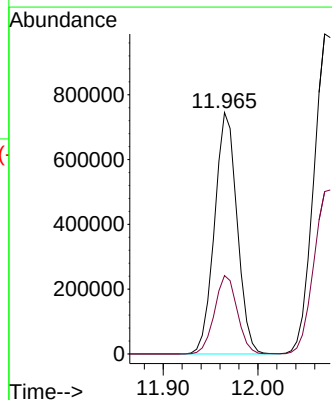
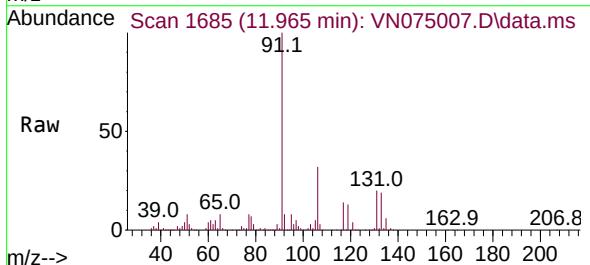
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

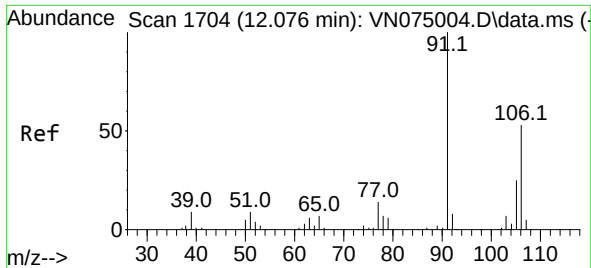
Tgt Ion:131 Resp: 264952
Ion Ratio Lower Upper
131 100
133 95.7 0.0 191.2
119 65.9 0.0 128.8



#66
Ethyl Benzene
Concen: 150.861 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 91 Resp: 1235166
Ion Ratio Lower Upper
91 100
106 32.5 24.0 36.0

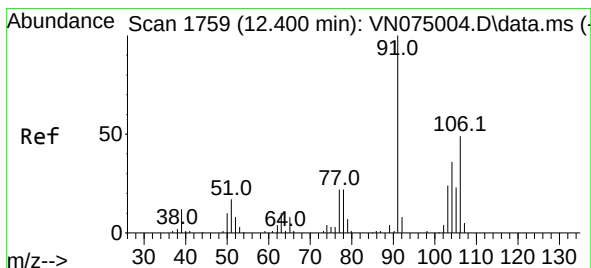
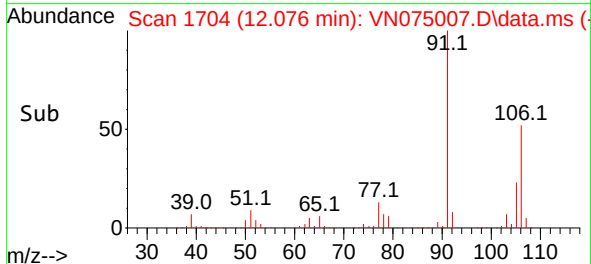
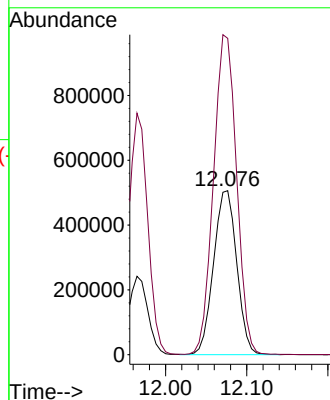
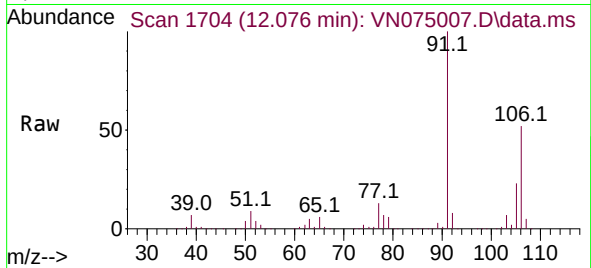




#67
m/p-Xylenes
Concen: 305.874 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

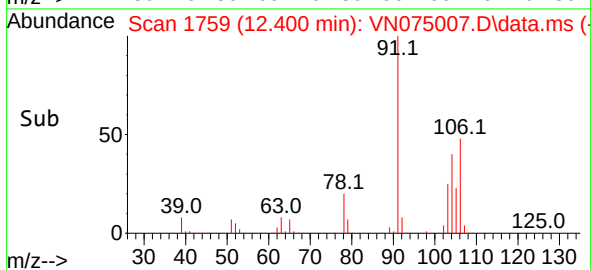
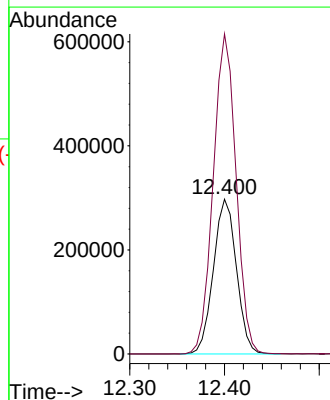
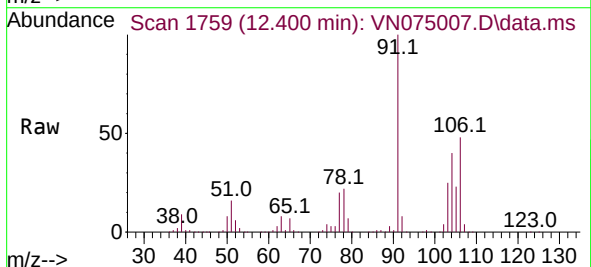
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

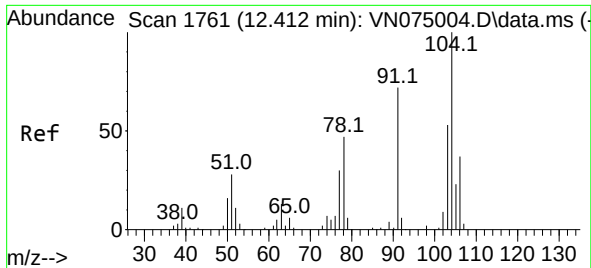
Tgt Ion:106 Resp: 1004369
Ion Ratio Lower Upper
106 100
91 194.7 162.9 244.3



#68
o-Xylene
Concen: 152.321 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion:106 Resp: 502750
Ion Ratio Lower Upper
106 100
91 205.0 107.7 323.1

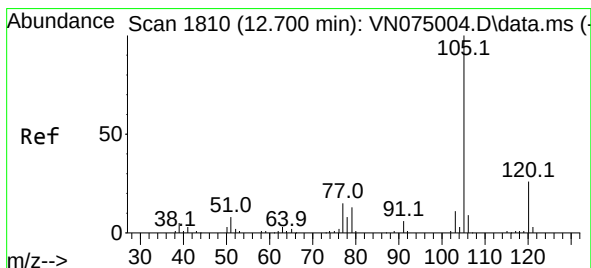
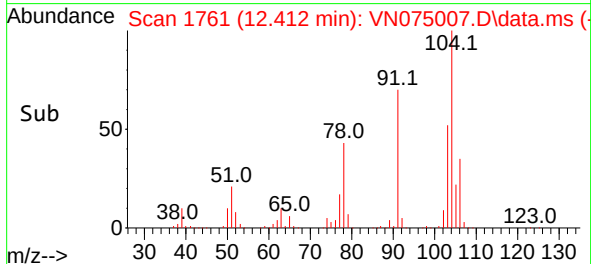
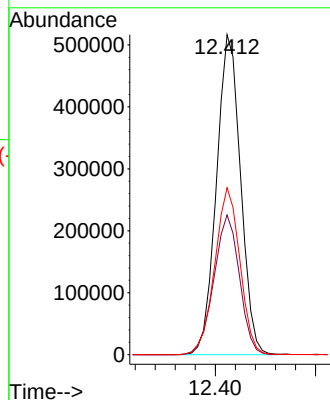
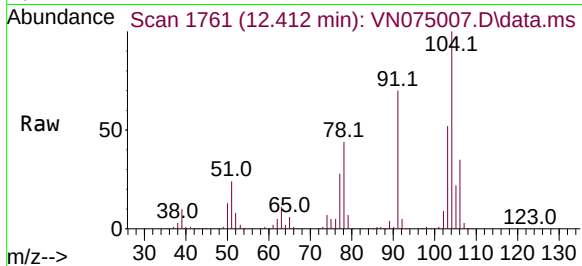




#69
Styrene
Concen: 159.552 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

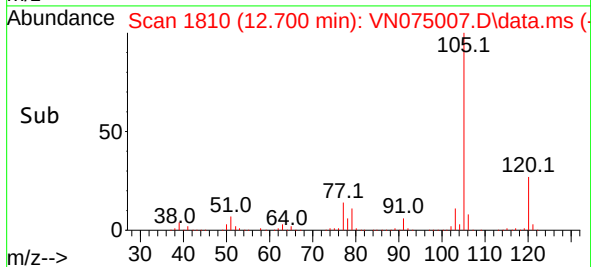
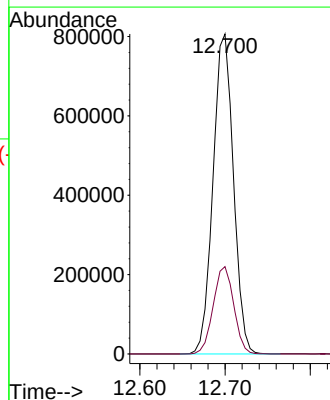
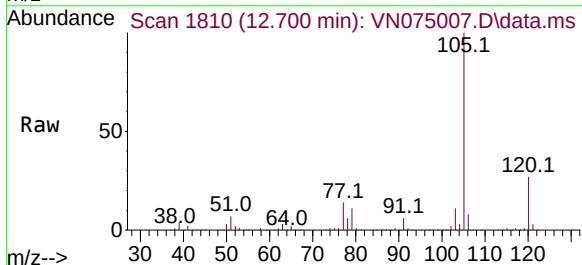
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

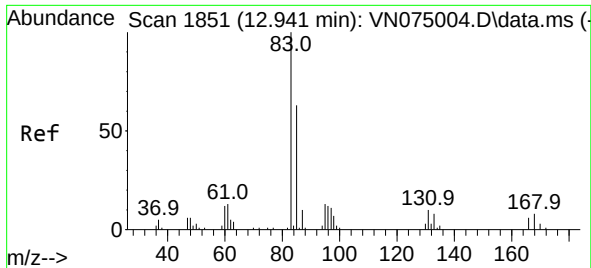
Tgt Ion:104 Resp: 861219
Ion Ratio Lower Upper
104 100
78 46.3 40.7 61.1
103 54.4 45.8 68.8



#70
Isopropylbenzene
Concen: 155.839 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion:105 Resp: 1340178
Ion Ratio Lower Upper
105 100
120 27.4 18.3 34.1

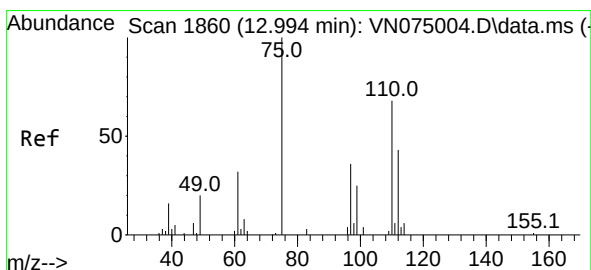
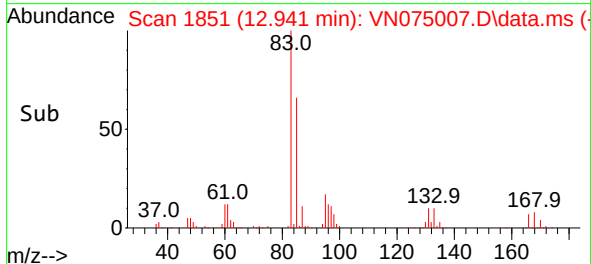
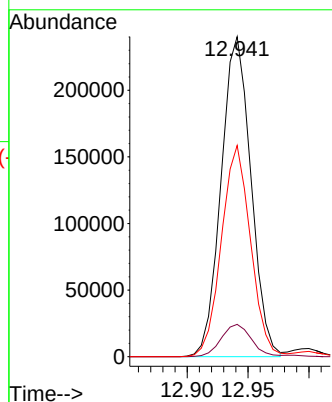
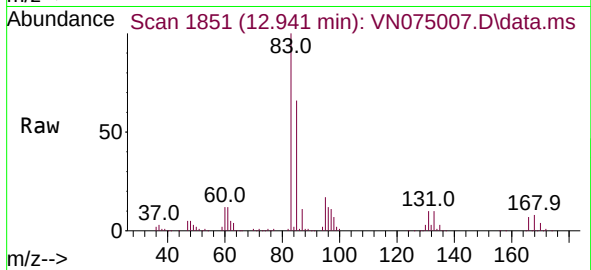




#71
 1,1,2,2-Tetrachloroethane
 Concen: 146.328 ug/l
 RT: 12.941 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: VN075007.D
 Acq: 25 Oct 2022 12:48

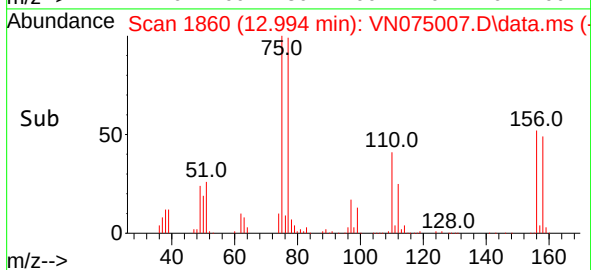
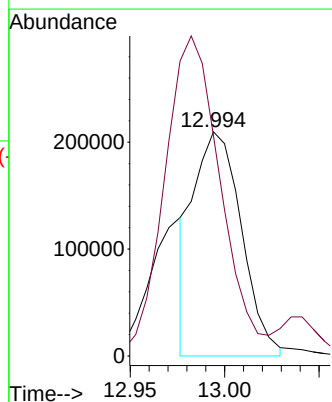
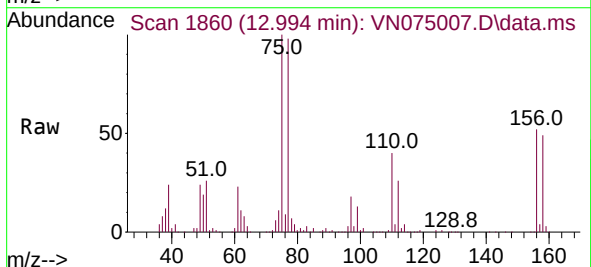
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

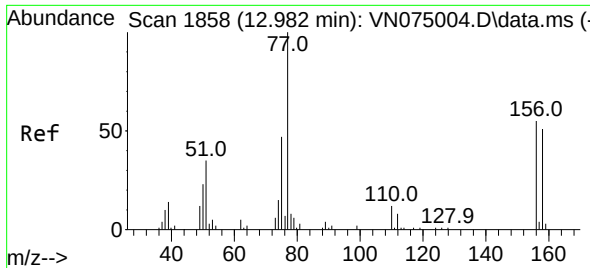
Tgt Ion: 83 Resp: 409916
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.3
 85 64.5 33.1 99.2



#72
 1,2,3-Trichloropropane
 Concen: 157.463 ug/l m
 RT: 12.994 min Scan# 1860
 Delta R.T. -0.000 min
 Lab File: VN075007.D
 Acq: 25 Oct 2022 12:48

Tgt Ion: 75 Resp: 369113
 Ion Ratio Lower Upper
 75 100
 77 167.4 0.0 378.0

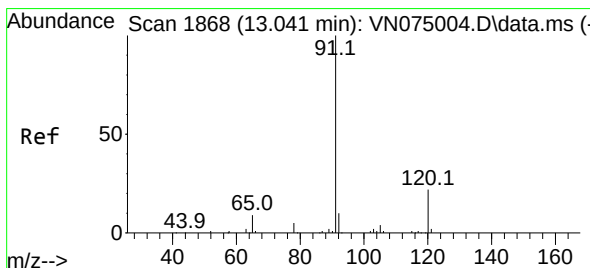
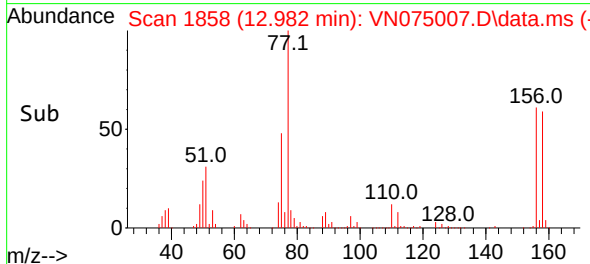
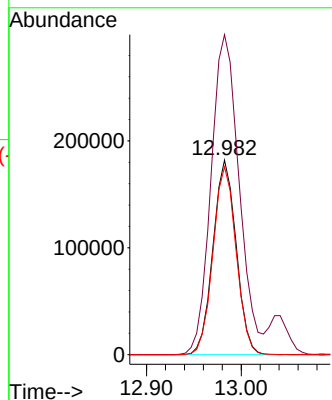
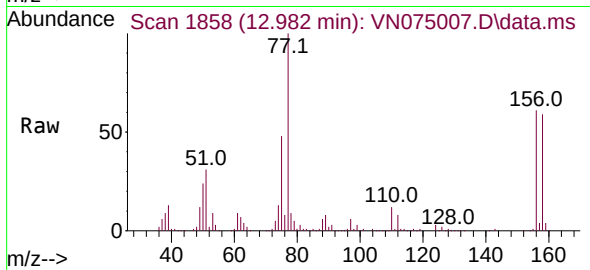




#73
Bromobenzene
Concen: 161.498 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

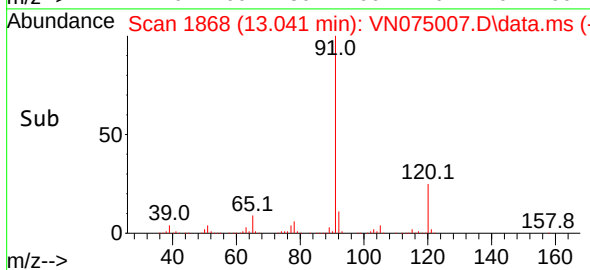
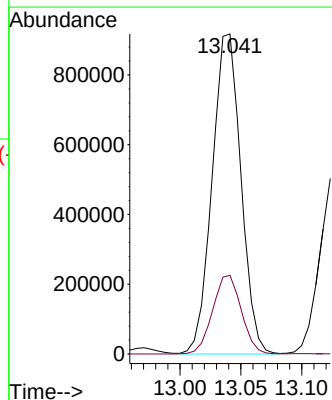
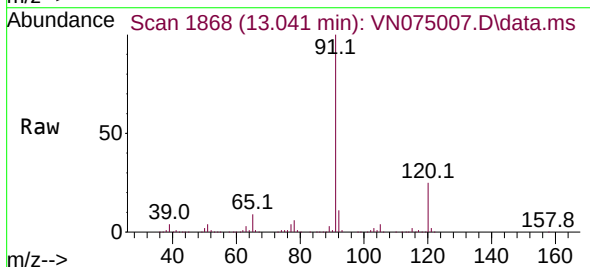
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

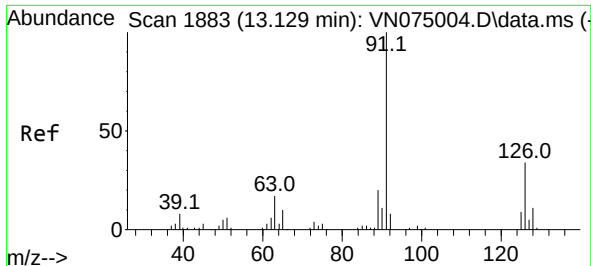
Tgt Ion:156 Resp: 309134
Ion Ratio Lower Upper
156 100
77 199.8 0.0 416.0
158 96.4 0.0 195.4



#74
n-propylbenzene
Concen: 156.855 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 91 Resp: 1510556
Ion Ratio Lower Upper
91 100
120 24.5 0.0 45.0

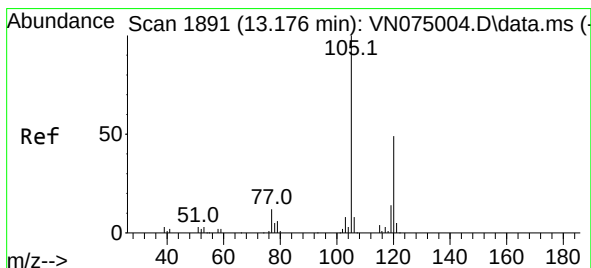
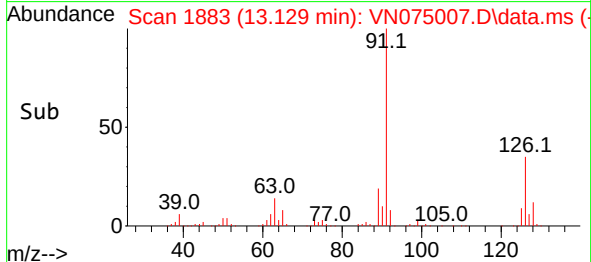
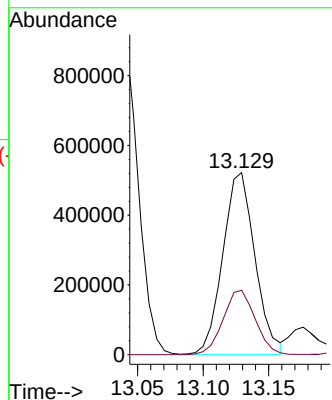
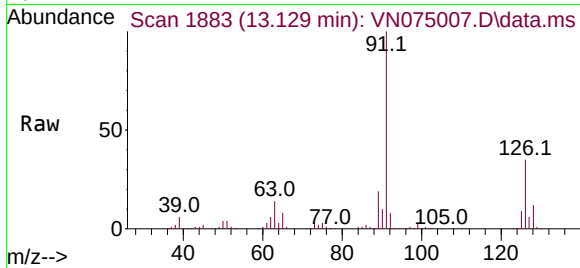




#75
2-Chlorotoluene
Concen: 153.104 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

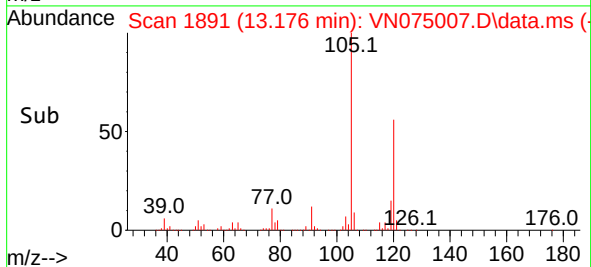
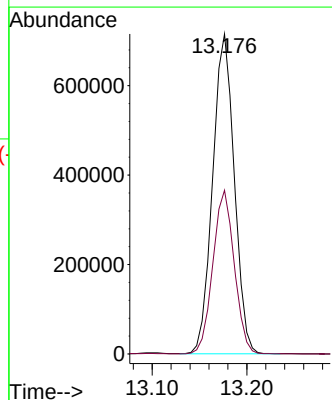
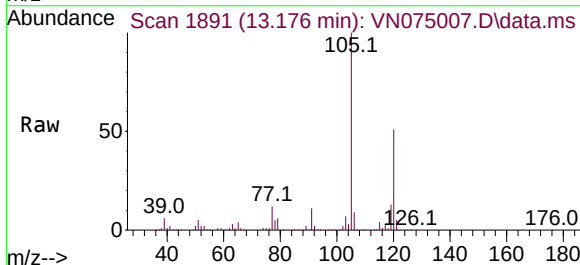
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

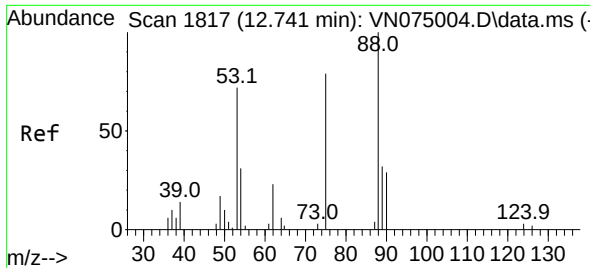
Tgt Ion: 91 Resp: 891952
Ion Ratio Lower Upper
91 100
126 35.3 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 155.675 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 105 Resp: 1134907
Ion Ratio Lower Upper
105 100
120 50.5 0.0 93.8

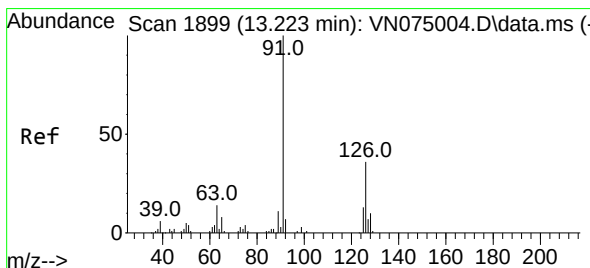
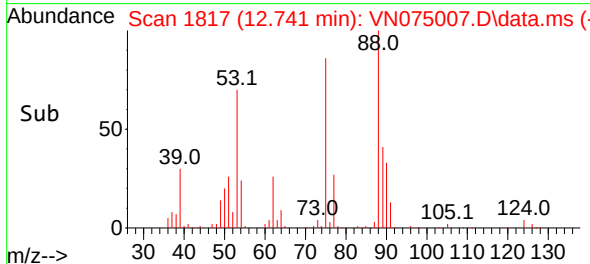
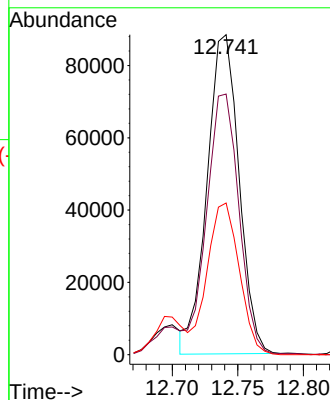
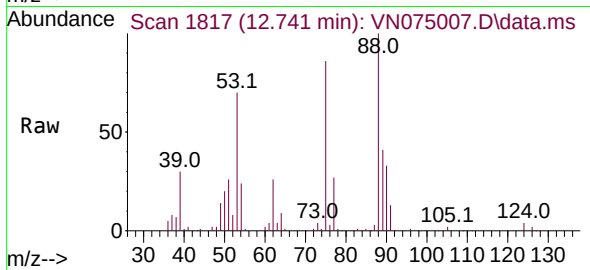




#77
t-1,4-Dichloro-2-butene
Concen: 169.005 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

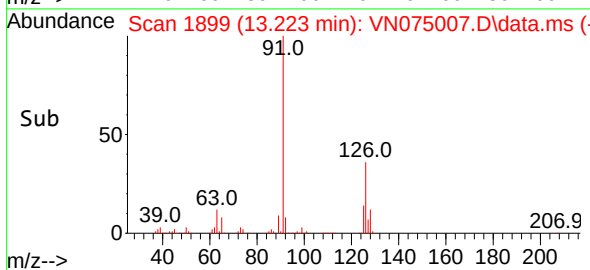
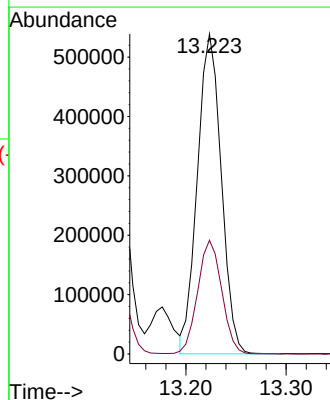
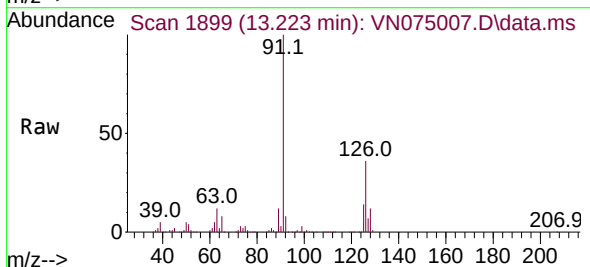
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

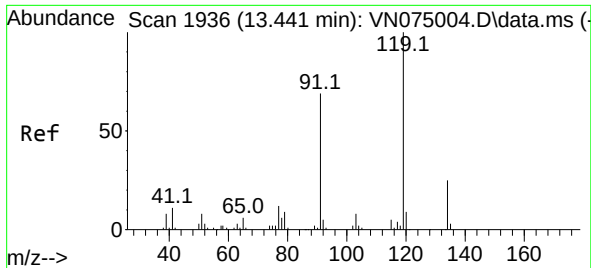
Tgt Ion: 75 Resp: 149965
Ion Ratio Lower Upper
75 100
53 81.4 51.8 155.5
89 47.6 22.9 68.7



#78
4-Chlorotoluene
Concen: 154.496 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 91 Resp: 893448
Ion Ratio Lower Upper
91 100
126 35.8 0.0 70.6

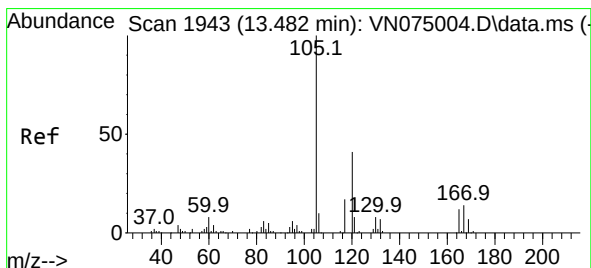
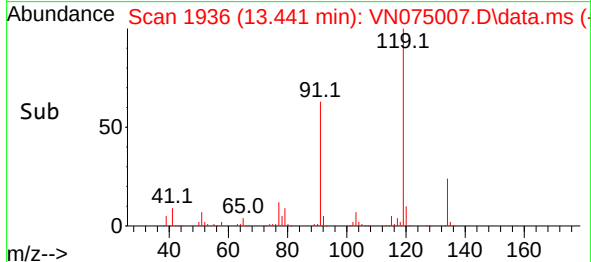
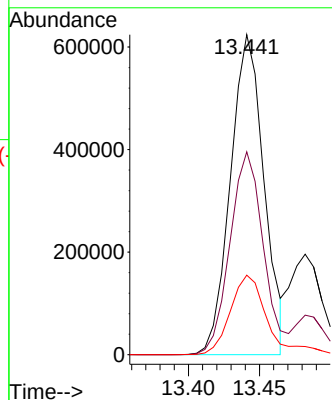
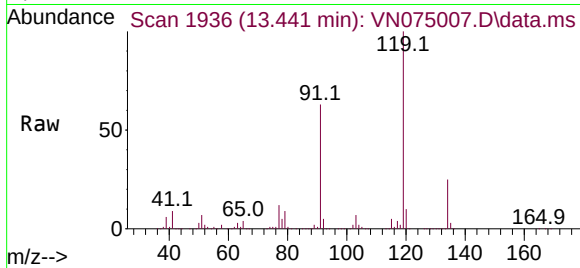




#79
tert-butylbenzene
Concen: 157.506 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

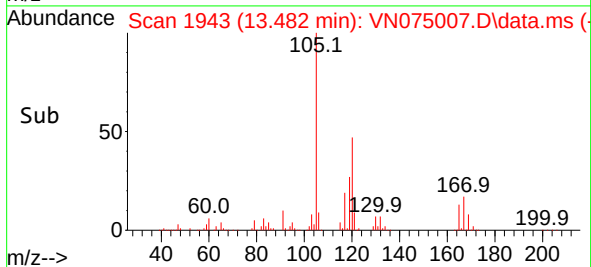
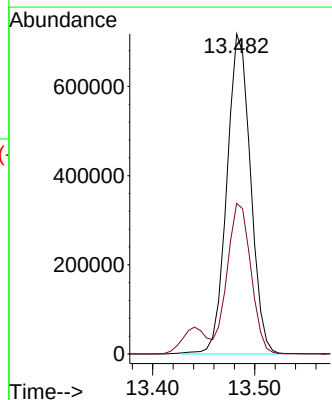
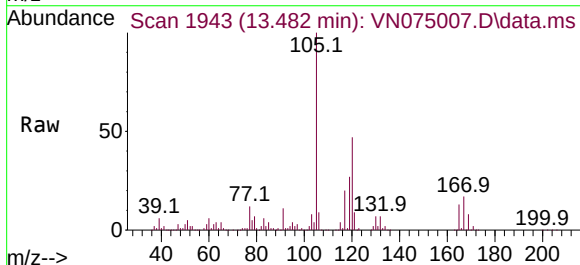
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

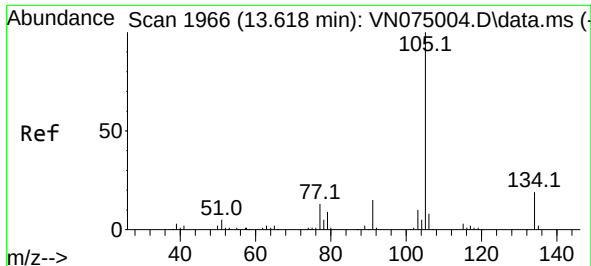
Tgt Ion:119 Resp: 1024523
Ion Ratio Lower Upper
119 100
91 63.5 0.0 137.0
134 25.4 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 156.160 ug/l m
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion:105 Resp: 1155679
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2

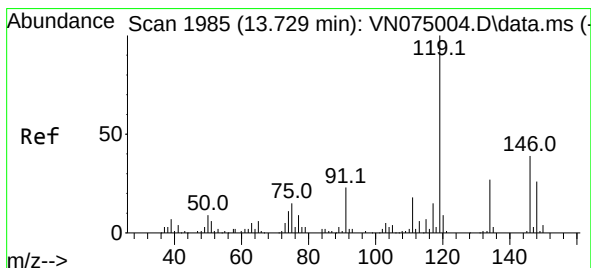
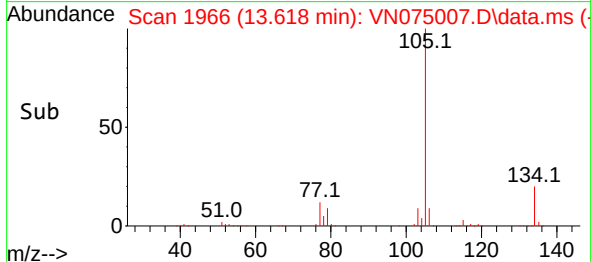
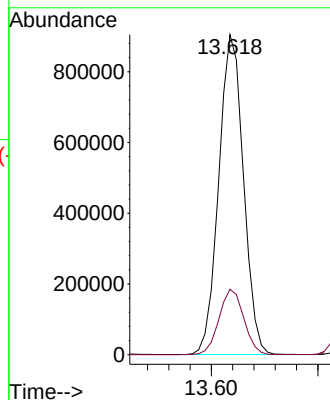
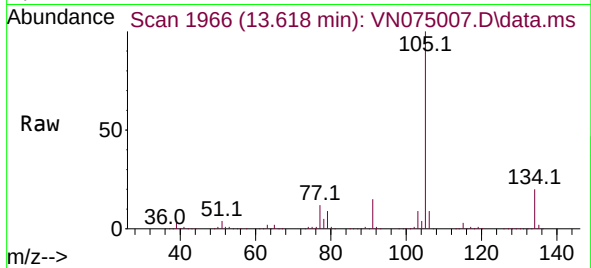




#81
 sec-Butylbenzene
 Concen: 187.992 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075007.D
 Acq: 25 Oct 2022 12:48

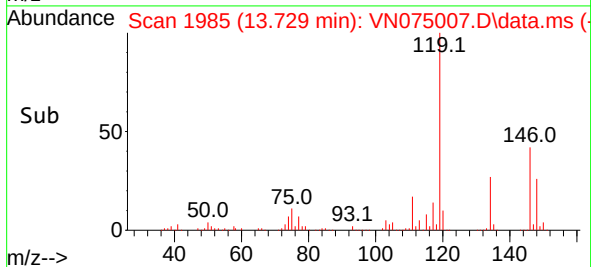
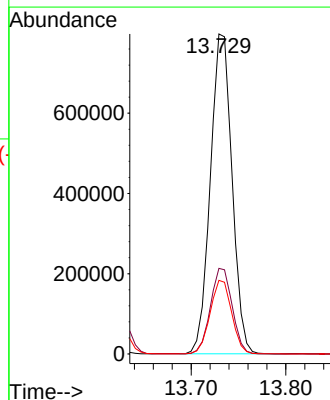
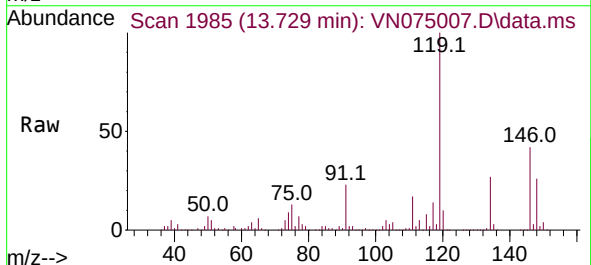
Instrument :
 MSVOA_N
 ClientSampleId :
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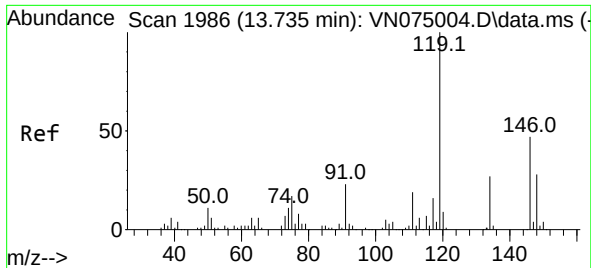
Tgt Ion:105 Resp: 1452288
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 164.879 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN075007.D
 Acq: 25 Oct 2022 12:48

Tgt Ion:119 Resp: 1271928
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 51.8
 91 22.9 0.0 50.4

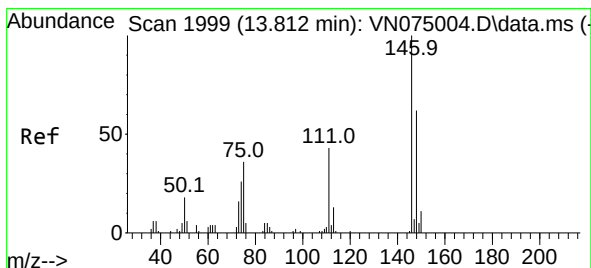
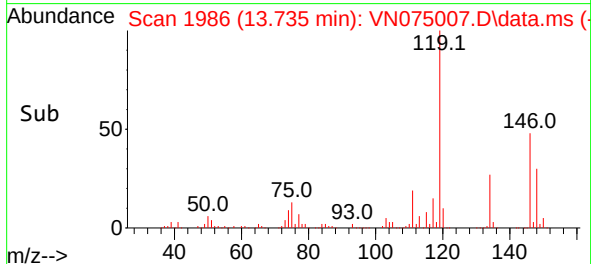
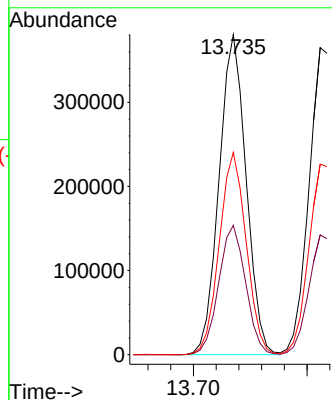
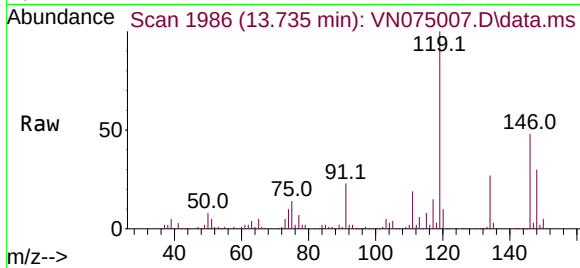




#83
 1,3-Dichlorobenzene
 Concen: 166.303 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN075007.D
 Acq: 25 Oct 2022 12:48

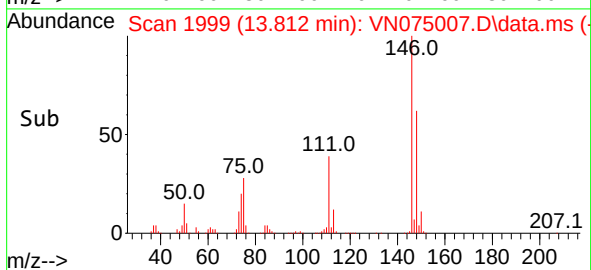
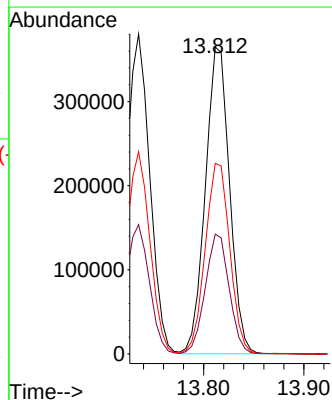
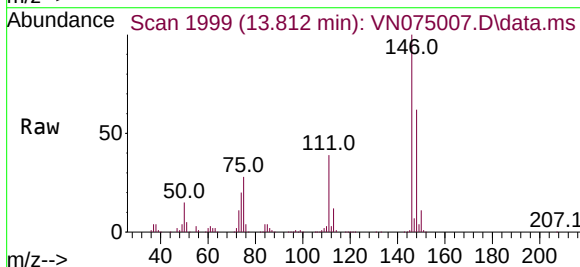
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

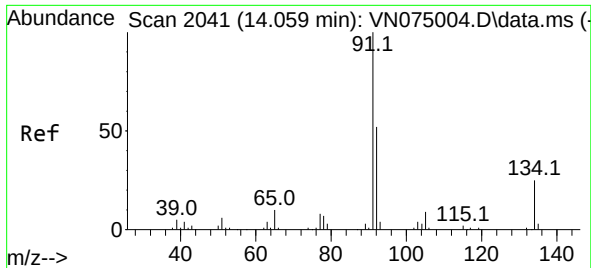
Tgt Ion:146 Resp: 629524
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.8 62.2
 148 62.9 31.4 94.3



#84
 1,4-Dichlorobenzene
 Concen: 167.728 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN075007.D
 Acq: 25 Oct 2022 12:48

Tgt Ion:146 Resp: 612542
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.5 58.5
 148 63.1 31.1 93.5

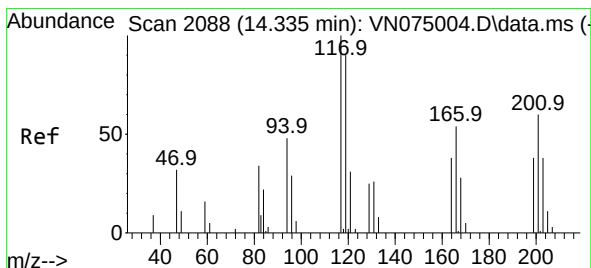
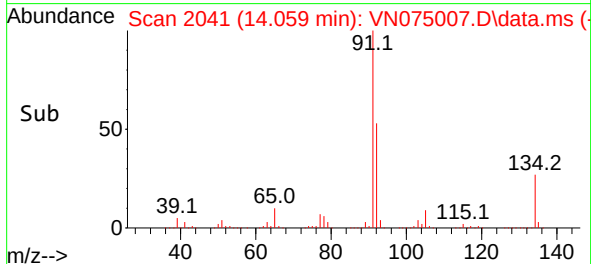
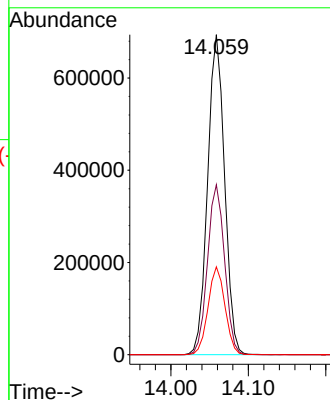
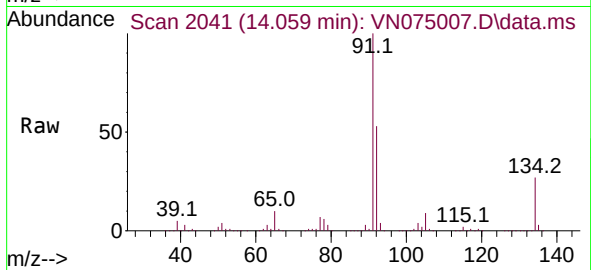




#85
n-Butylbenzene
Concen: 170.375 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

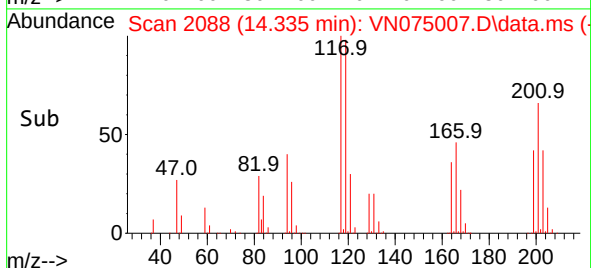
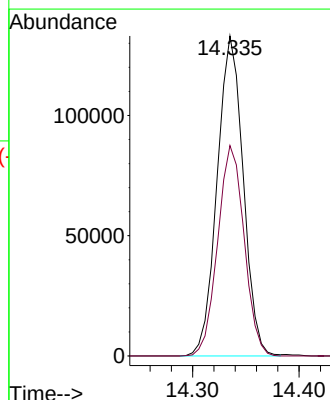
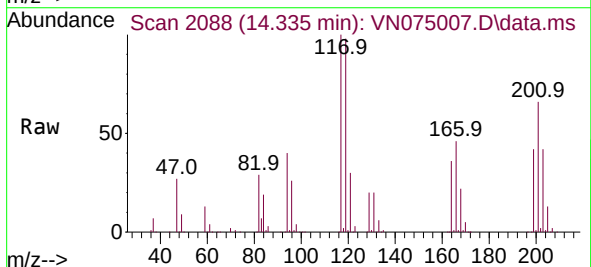
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

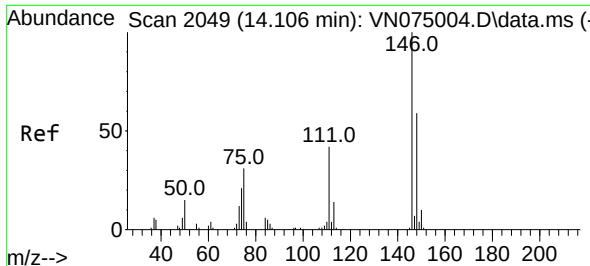
Tgt Ion: 91 Resp: 1054184
Ion Ratio Lower Upper
91 100
92 53.5 0.0 100.6
134 27.4 0.0 50.2



#86
Hexachloroethane
Concen: 158.032 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion: 117 Resp: 225913
Ion Ratio Lower Upper
117 100
201 66.6 33.3 99.8

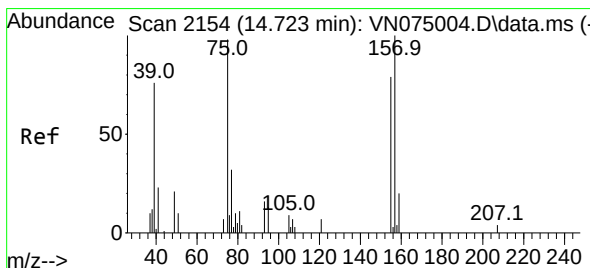
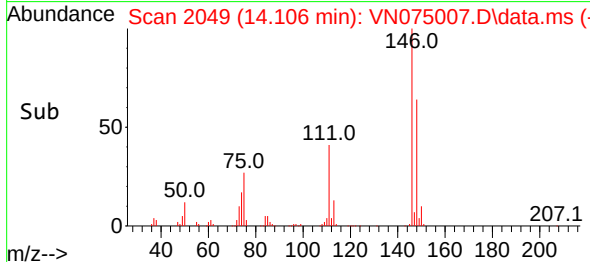
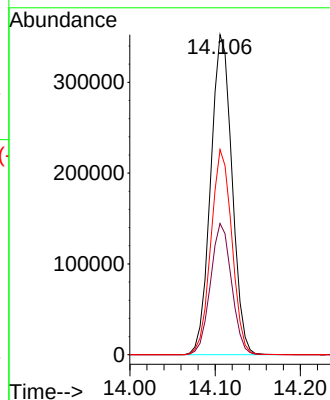
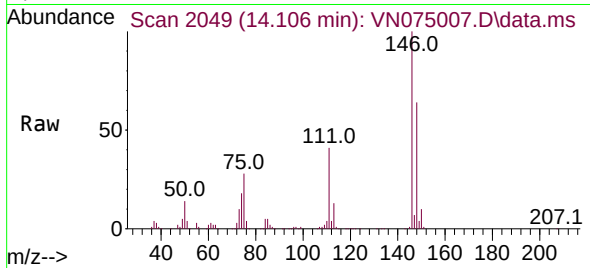




#87
 1,2-Dichlorobenzene
 Concen: 163.754 ug/l
 RT: 14.106 min Scan# 2049
 Delta R.T. -0.000 min
 Lab File: VN075007.D
 Acq: 25 Oct 2022 12:48

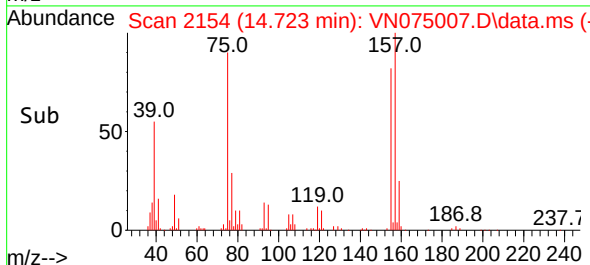
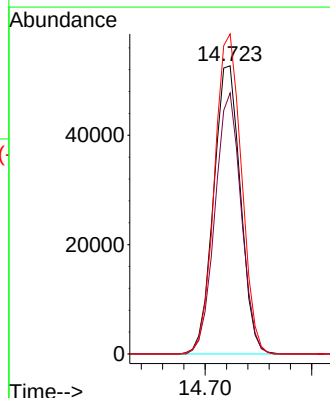
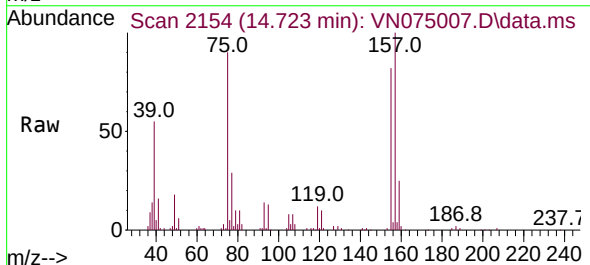
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

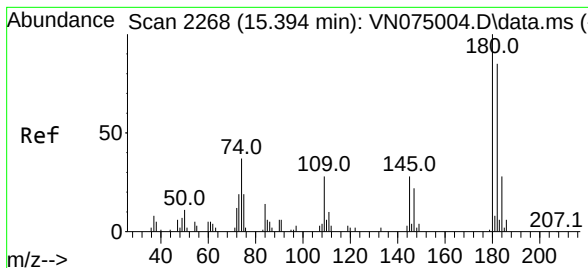
Tgt Ion:146 Resp: 613136
 Ion Ratio Lower Upper
 146 100
 111 40.5 21.4 64.2
 148 63.1 32.5 97.4



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 156.738 ug/l
 RT: 14.723 min Scan# 2154
 Delta R.T. -0.000 min
 Lab File: VN075007.D
 Acq: 25 Oct 2022 12:48

Tgt Ion: 75 Resp: 92291
 Ion Ratio Lower Upper
 75 100
 155 88.2 63.8 95.8
 157 111.2 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 180.191 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075007.D

Acq: 25 Oct 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

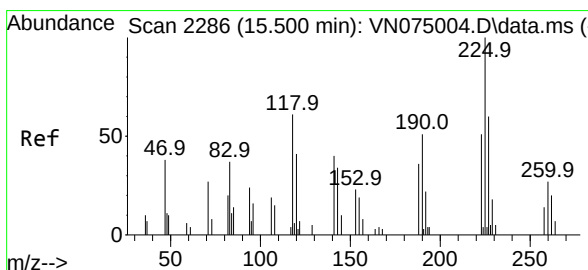
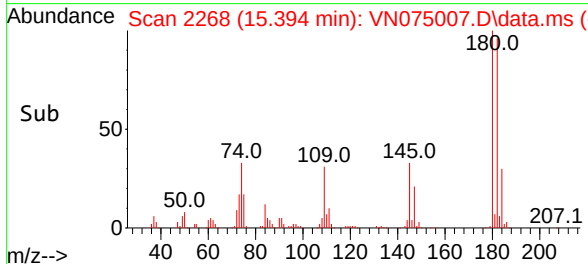
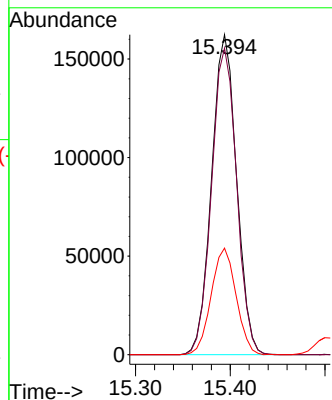
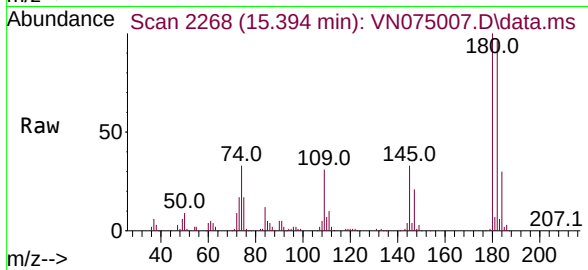
Tgt Ion:180 Resp: 297999

Ion Ratio Lower Upper

180 100

182 96.1 77.7 116.5

145 33.2 26.6 39.8



#90

Hexachlorobutadiene

Concen: 165.284 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN075007.D

Acq: 25 Oct 2022 12:48

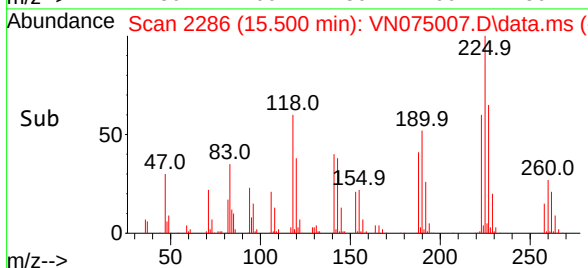
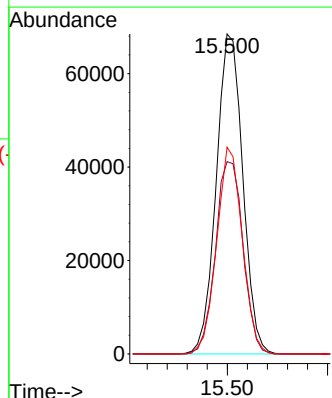
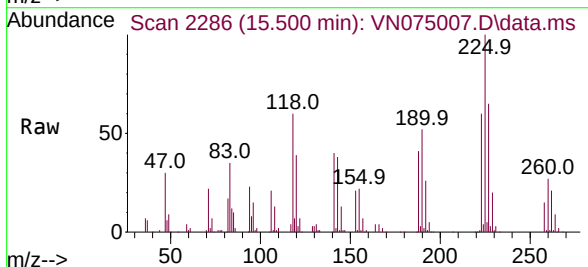
Tgt Ion:225 Resp: 125714

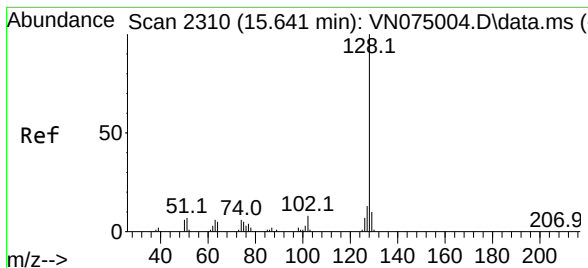
Ion Ratio Lower Upper

225 100

223 62.3 0.0 126.8

227 62.4 0.0 123.0

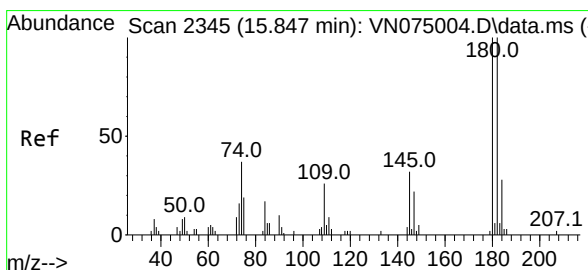
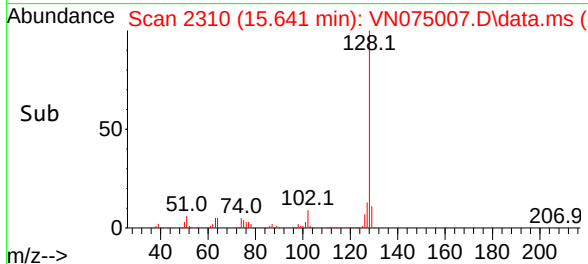
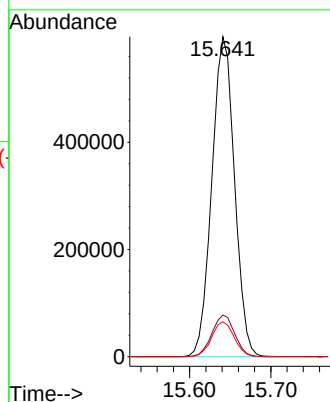
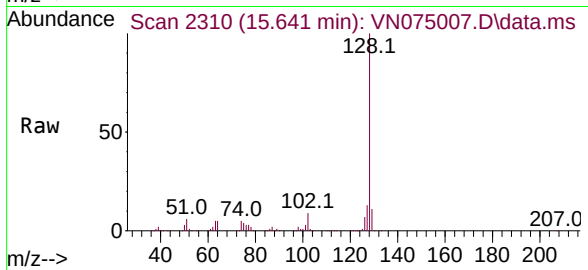




#91
Naphthalene
Concen: 176.616 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1157621
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.9 9.0 13.6



#92
1,2,3-Trichlorobenzene
Concen: 178.209 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.006 min
Lab File: VN075007.D
Acq: 25 Oct 2022 12:48

Tgt Ion:180 Resp: 298340
Ion Ratio Lower Upper
180 100
182 94.7 0.0 190.0
145 34.2 0.0 67.8

