

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
 Data File : VN071313.D
 Acq On : 16 Mar 2022 11:53
 Operator : JC\MD
 Sample : VN0316MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316MBS01

Quant Time: Mar 16 15:46:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	607481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1008560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	878152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	338467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	443122	53.223	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.440%	
35) Dibromofluoromethane	8.016	113	334462	52.552	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.100%	
50) Toluene-d8	10.439	98	1326898	51.782	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.560%	
62) 4-Bromofluorobenzene	12.727	95	420203	48.426	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.860%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	106909	16.058	ug/l	100
3) Chloromethane	2.299	50	157477	17.596	ug/l	94
4) Vinyl Chloride	2.440	62	140287	17.194	ug/l	94
5) Bromomethane	2.840	94	78387	17.649	ug/l	99
6) Chloroethane	3.005	64	88925	17.997	ug/l	92
7) Trichlorofluoromethane	3.369	101	186959	17.409	ug/l	97
8) Diethyl Ether	3.822	74	84859	18.465	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.210	101	108863	17.511	ug/l	97
10) Methyl Iodide	4.422	142	139610	15.899	ug/l	99
11) Tert butyl alcohol	5.363	59	157710	96.425	ug/l	99
12) 1,1-Dichloroethene	4.181	96	106792	17.535	ug/l	94
13) Acrolein	4.040	56	80253	46.358	ug/l	98
14) Allyl chloride	4.840	41	235337	17.767	ug/l #	85
15) Acrylonitrile	5.551	53	466830	96.125	ug/l	99
16) Acetone	4.281	43	394650	97.419	ug/l	99
17) Carbon Disulfide	4.528	76	264091	15.232	ug/l	100
18) Methyl Acetate	4.851	43	230358	21.444	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	427265	18.686	ug/l	96
20) Methylene Chloride	5.093	84	132763	18.176	ug/l	89
21) trans-1,2-Dichloroethene	5.593	96	114736	17.224	ug/l	94
22) Diisopropyl ether	6.493	45	483377	18.523	ug/l	93
23) Vinyl Acetate	6.428	43	2072135	93.794	ug/l	99
24) 1,1-Dichloroethane	6.381	63	248959	18.054	ug/l	98
25) 2-Butanone	7.334	43	642345	98.432	ug/l	94
26) 2,2-Dichloropropane	7.322	77	198745	18.682	ug/l	96
27) cis-1,2-Dichloroethene	7.328	96	144426	18.267	ug/l	91
28) Bromochloromethane	7.651	49	99140	16.145	ug/l #	82
29) Tetrahydrofuran	7.681	42	438342	96.959	ug/l	92
30) Chloroform	7.816	83	242858	18.466	ug/l	99
31) Cyclohexane	8.092	56	230114	17.308	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	210624	18.801	ug/l	98
36) 1,1-Dichloropropene	8.222	75	172582	16.925	ug/l	97
37) Ethyl Acetate	7.404	43	261486	18.633	ug/l	98
38) Carbon Tetrachloride	8.204	117	172899	17.530	ug/l	98
39) Methylcyclohexane	9.457	83	199064	16.594	ug/l	91
40) Benzene	8.457	78	545312	17.749	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	127480	18.562	ug/l	87
42) 1,2-Dichloroethane	8.528	62	200551	18.758	ug/l	100
43) Isopropyl Acetate	8.557	43	414445	19.748	ug/l #	92
44) Trichloroethene	9.210	130	127483	17.586	ug/l	100
45) 1,2-Dichloropropane	9.486	63	148291	17.980	ug/l	99
46) Dibromomethane	9.575	93	94186	18.554	ug/l	96
47) Bromodichloromethane	9.757	83	189263	18.449	ug/l	99
48) Methyl methacrylate	9.557	41	169378	17.416	ug/l #	88
49) 1,4-Dioxane	9.563	88	68415	404.707	ug/l #	88
51) 4-Methyl-2-Pentanone	10.328	43	1258610	96.637	ug/l	100
52) Toluene	10.504	92	338806	17.909	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	202081	17.870	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	221325	17.912	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	136130	17.957	ug/l	99
56) Ethyl methacrylate	10.757	69	221333	17.878	ug/l	90
57) 1,3-Dichloropropane	11.039	76	246038	18.081	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	271414	120.584	ug/l	95
59) 2-Hexanone	11.080	43	912694	102.706	ug/l	100
60) Dibromochloromethane	11.233	129	139292	18.492	ug/l	99
61) 1,2-Dibromoethane	11.345	107	135853	17.534	ug/l	100
64) Tetrachloroethene	10.975	164	111097	18.140	ug/l	99
65) Chlorobenzene	11.769	112	347753	18.440	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	131568	19.026	ug/l	99
67) Ethyl Benzene	11.839	91	624938	18.742	ug/l	94
68) m/p-Xylenes	11.951	106	466916	38.277	ug/l	98
69) o-Xylene	12.280	106	229557	18.774	ug/l	96
70) Styrene	12.292	104	363403	19.200	ug/l	97
71) Bromoform	12.457	173	101210	19.273	ug/l #	99
73) Isopropylbenzene	12.574	105	589355	18.063	ug/l	100
74) N-amyl acetate	12.386	43	237425	19.353	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	219773	21.191	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	269001	31.762	ug/l	65
77) Bromobenzene	12.857	156	137486	18.071	ug/l	78
78) n-propylbenzene	12.916	91	636344	18.175	ug/l	98
79) 2-Chlorotoluene	13.004	91	405552	18.045	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	473161	18.640	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	62528	19.970	ug/l	97
82) 4-Chlorotoluene	13.104	91	380503	19.007	ug/l	93
83) tert-Butylbenzene	13.321	119	422268	18.640	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	462335	19.015	ug/l	100
85) sec-Butylbenzene	13.498	105	558459	18.547	ug/l	99
86) p-Isopropyltoluene	13.610	119	445450	18.811	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	227425	18.397	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	216907	17.950	ug/l	96
89) n-Butylbenzene	13.939	91	321520	17.360	ug/l	96
90) Hexachloroethane	14.210	117	86595	18.389	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	222946	18.759	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	39379	20.743	ug/l	84
93) 1,2,4-Trichlorobenzene	15.257	180	90303	18.296	ug/l	98
94) Hexachlorobutadiene	15.368	225	61163	18.332	ug/l	97
95) Naphthalene	15.504	128	244148	19.208	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	87742	18.342	ug/l	97

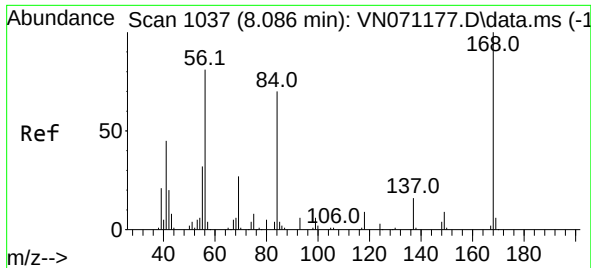
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Response via : Initial Calibration

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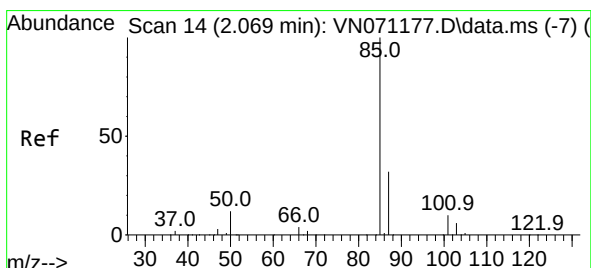
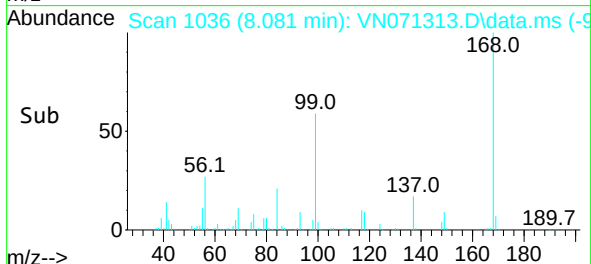
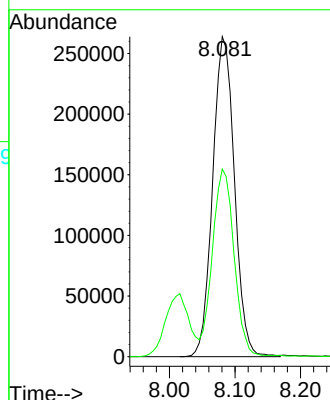
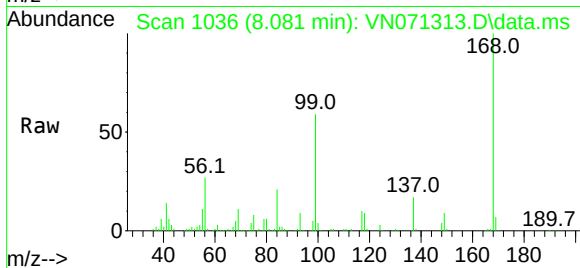
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

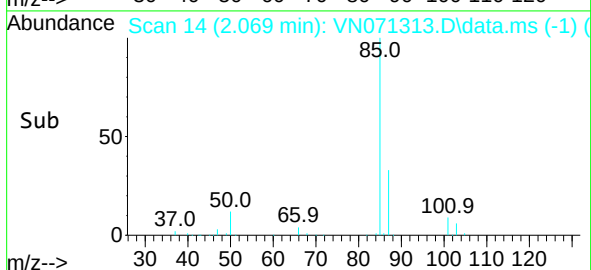
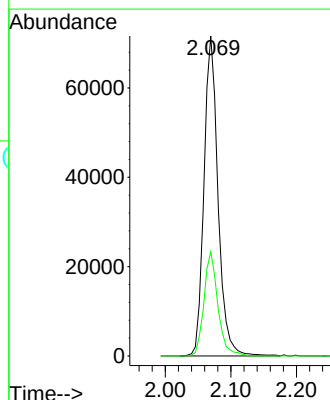
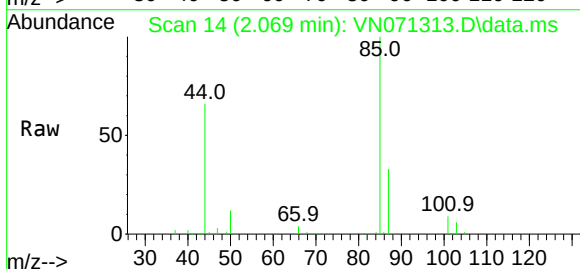
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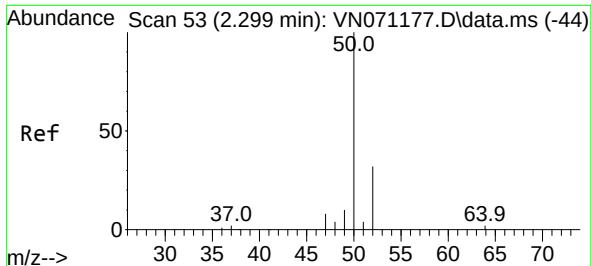
Tgt Ion:168 Resp: 607481
Ion Ratio Lower Upper
168 100
99 58.2 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 16.058 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 85 Resp: 106909
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9

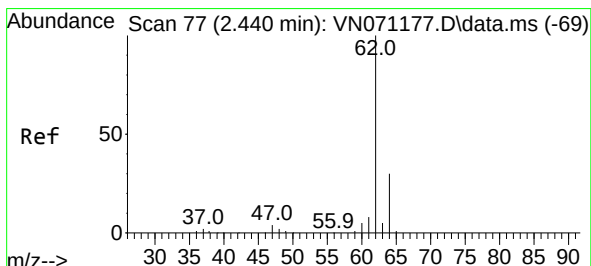
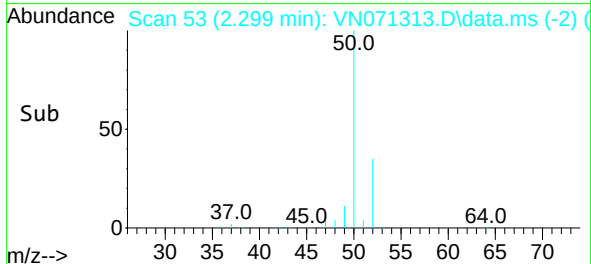
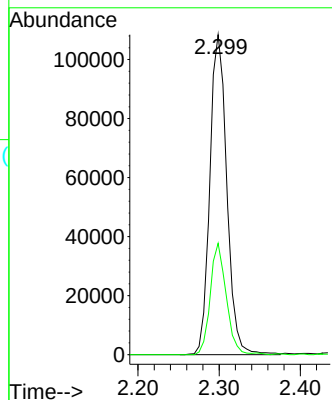
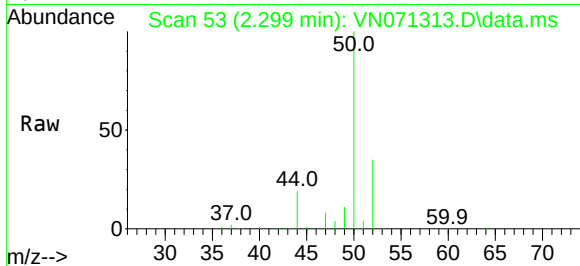




#3
Chloromethane
Concen: 17.596 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

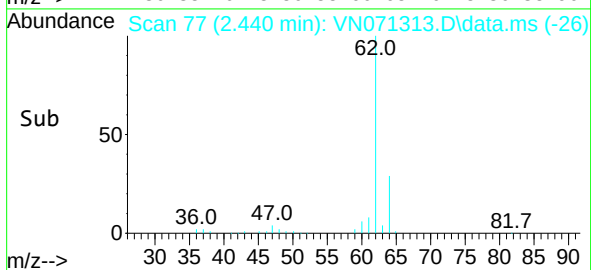
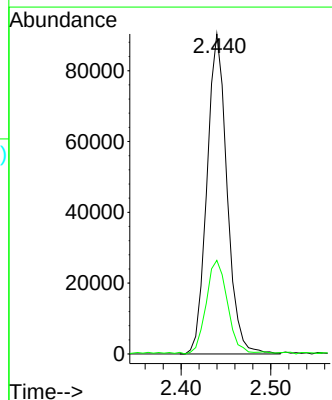
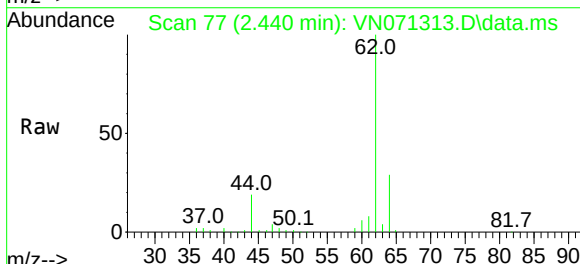
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ClientSampleId :
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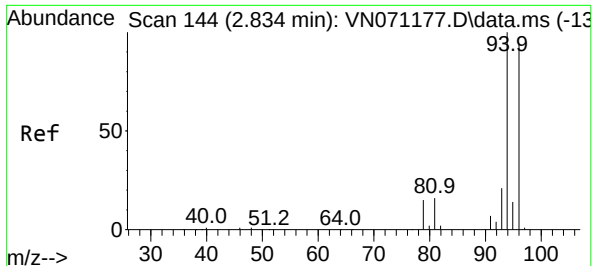
Tgt Ion: 50 Resp: 157477
Ion Ratio Lower Upper
50 100
52 34.8 25.4 38.0



#4
Vinyl Chloride
Concen: 17.194 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 62 Resp: 140287
Ion Ratio Lower Upper
62 100
64 28.9 25.8 38.6

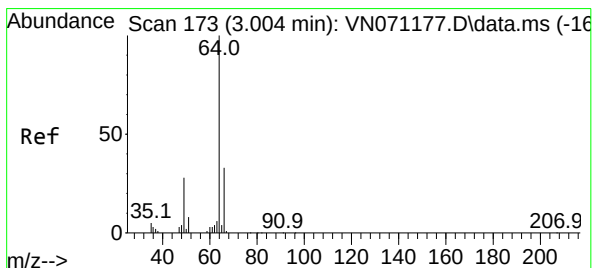
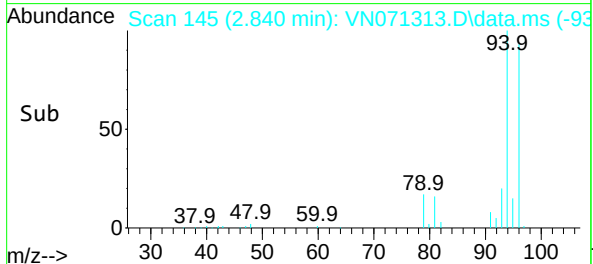
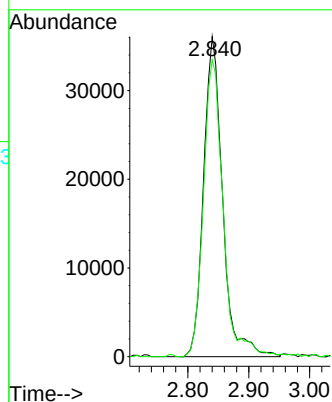
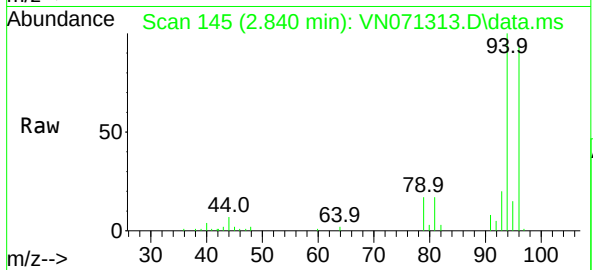




#5
Bromomethane
Concen: 17.649 ug/l
RT: 2.840 min Scan# 144
Delta R.T. 0.006 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

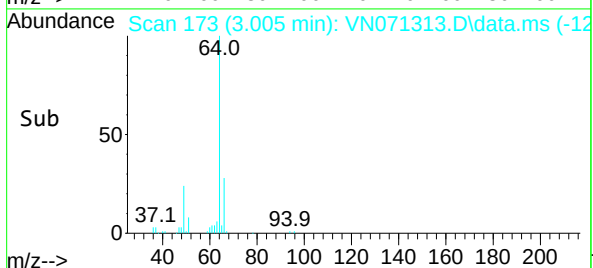
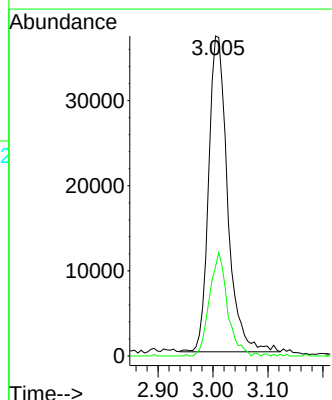
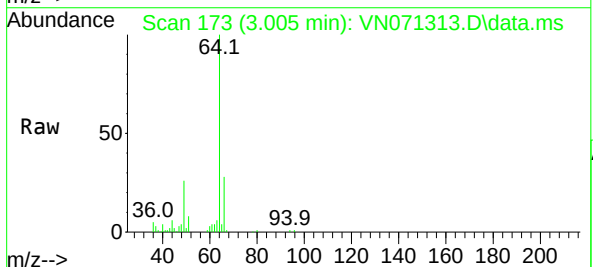
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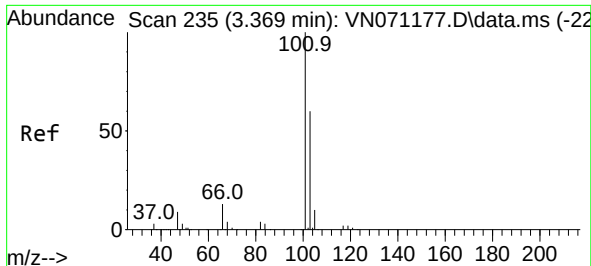
Tgt Ion: 94 Resp: 78387
Ion Ratio Lower Upper
94 100
96 92.8 73.8 110.8



#6
Chloroethane
Concen: 17.997 ug/l
RT: 3.005 min Scan# 173
Delta R.T. 0.001 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 64 Resp: 88925
Ion Ratio Lower Upper
64 100
66 28.4 26.3 39.5

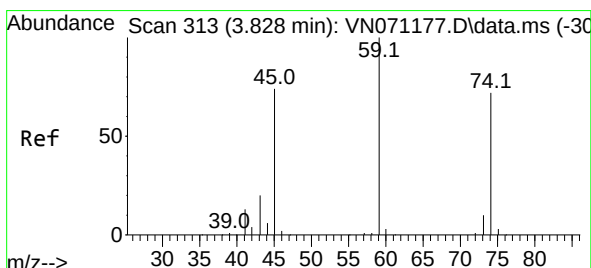
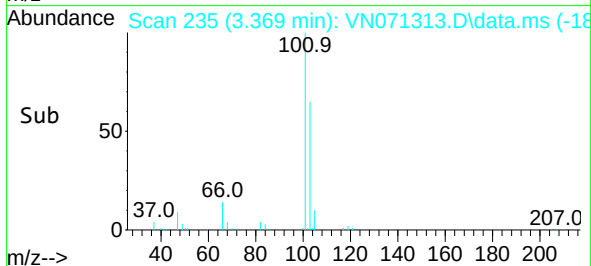
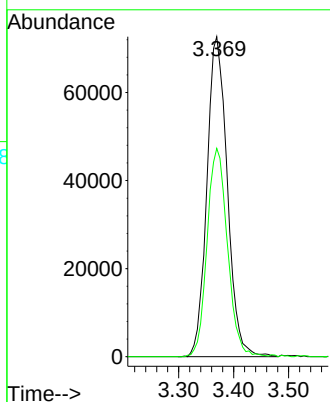
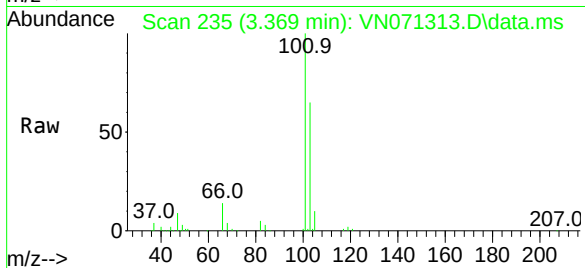




#7
 Trichlorofluoromethane
 Concen: 17.409 ug/l
 RT: 3.369 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN071313.D
 Acq: 16 Mar 2022 11:53

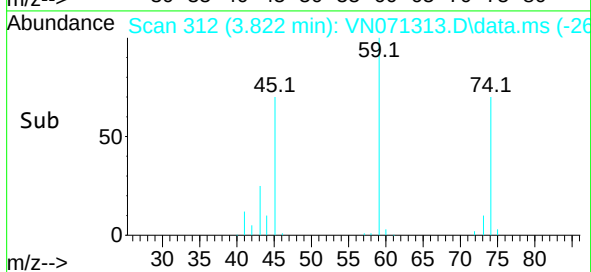
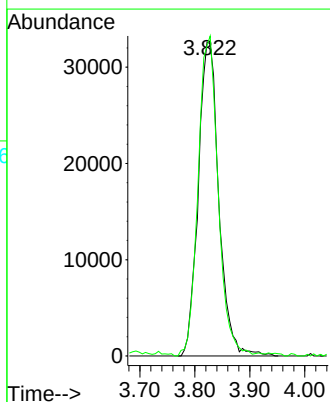
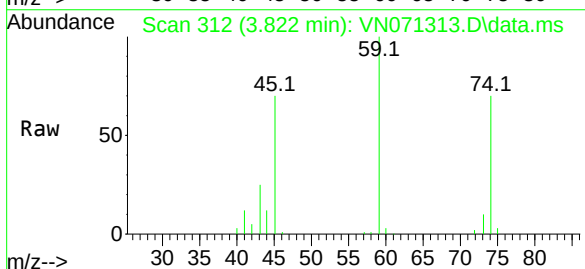
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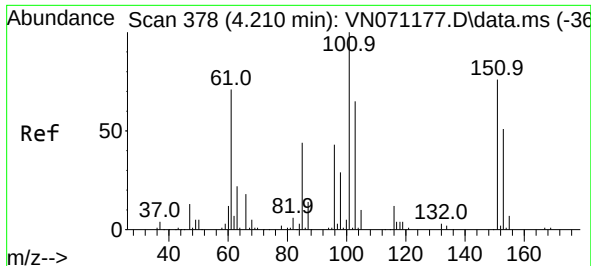
Tgt Ion:101 Resp: 186959
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.1 75.1



#8
 Diethyl Ether
 Concen: 18.465 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. -0.006 min
 Lab File: VN071313.D
 Acq: 16 Mar 2022 11:53

Tgt Ion: 74 Resp: 84859
 Ion Ratio Lower Upper
 74 100
 45 99.3 47.0 141.2

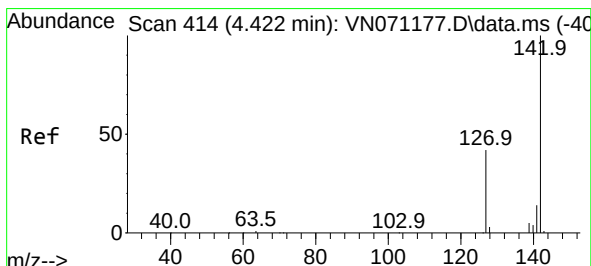
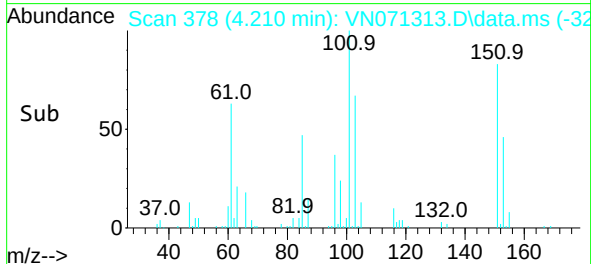
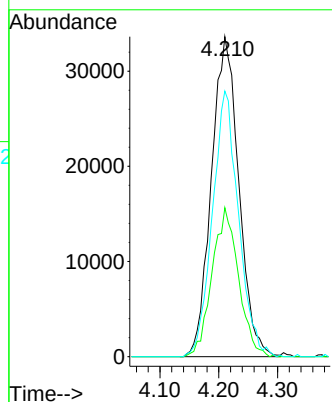
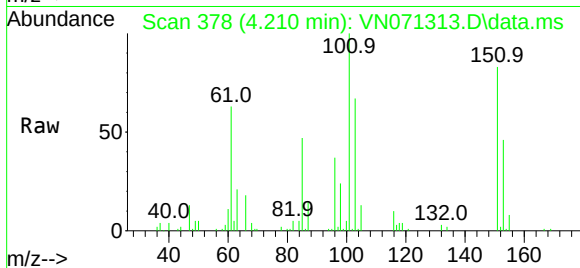




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.511 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN071313.D
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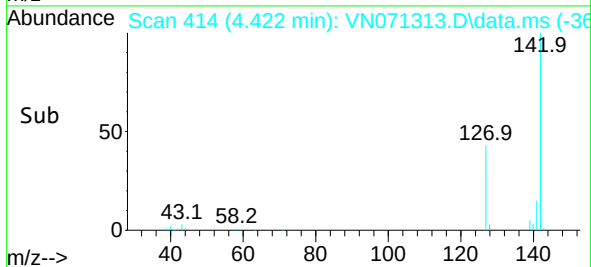
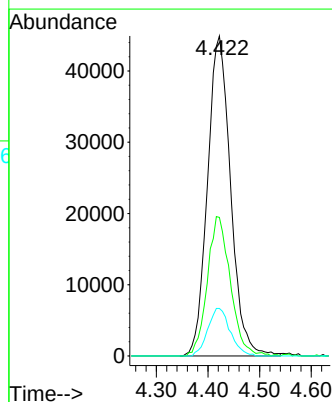
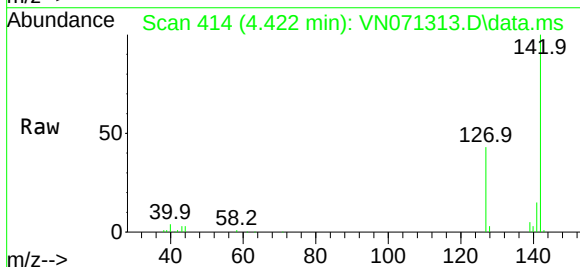
Instrument :
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ClientSampleId :
VN0316MBS01

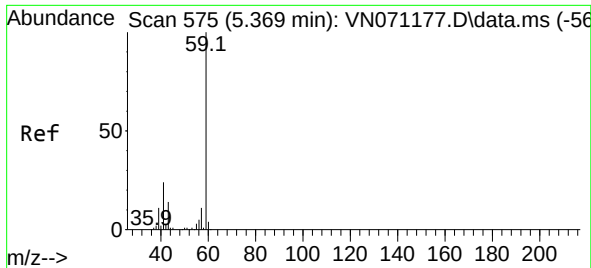
Tgt Ion:101 Resp: 108863
Ion Ratio Lower Upper
101 100
85 44.8 37.2 55.8
151 79.2 65.9 98.9



#10
Methyl Iodide
Concen: 15.899 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion:142 Resp: 139610
Ion Ratio Lower Upper
142 100
127 43.4 35.4 53.0
141 14.4 11.6 17.4

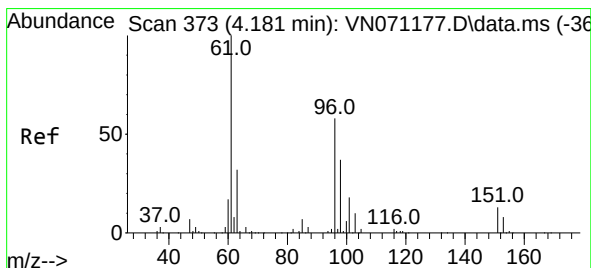
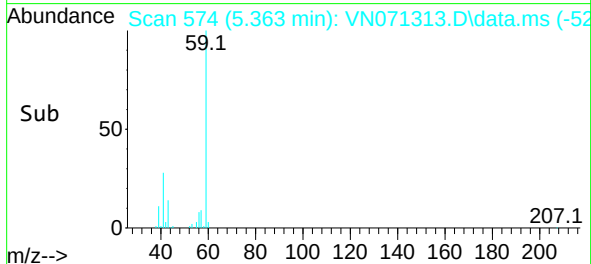
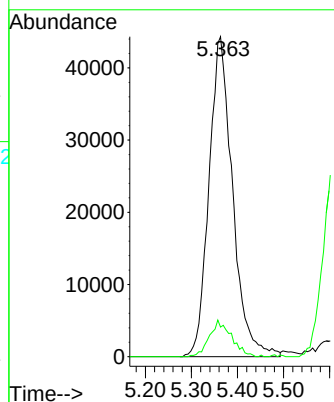
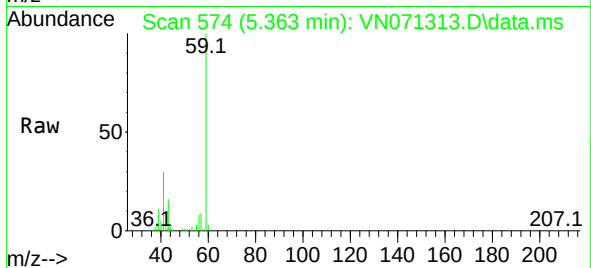




#11
Tert butyl alcohol
Concen: 96.425 ug/l
RT: 5.363 min Scan# 575
Delta R.T. -0.006 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

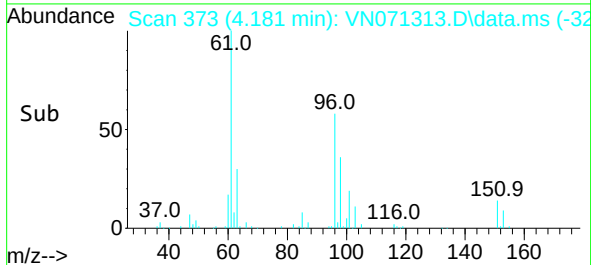
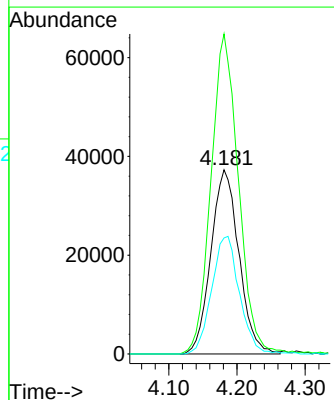
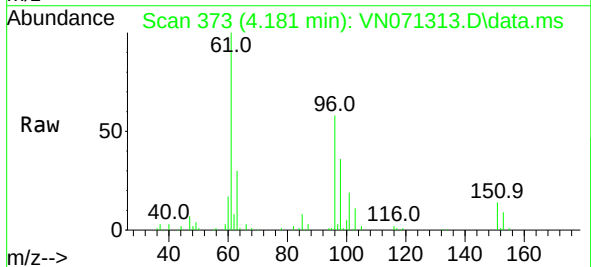
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

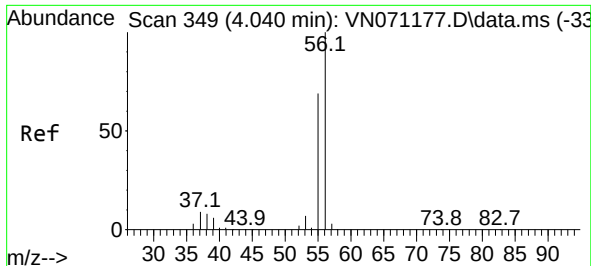
Tgt Ion: 59 Resp: 157710
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1



#12
1,1-Dichloroethene
Concen: 17.535 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 96 Resp: 106792
Ion Ratio Lower Upper
96 100
61 173.7 131.0 196.6
98 63.0 52.4 78.6

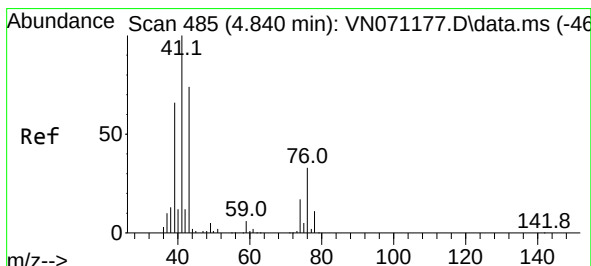
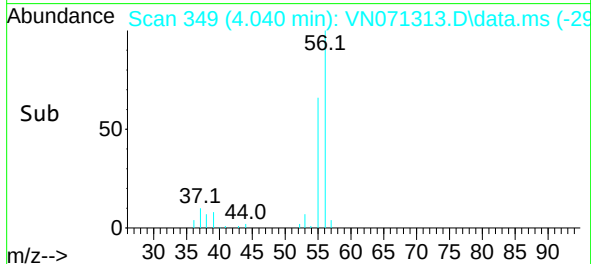
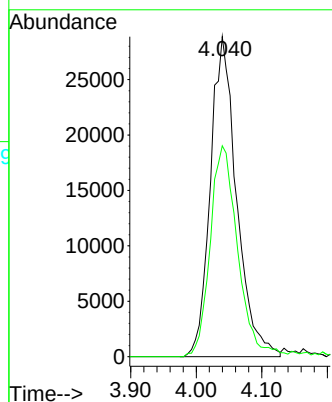
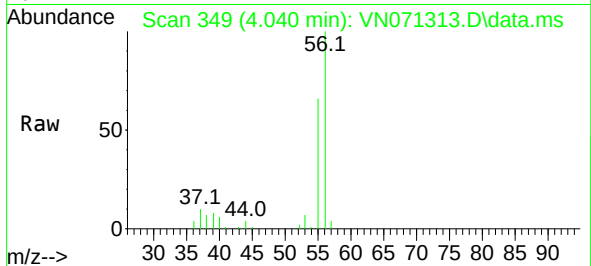




#13
Acrolein
Concen: 46.358 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

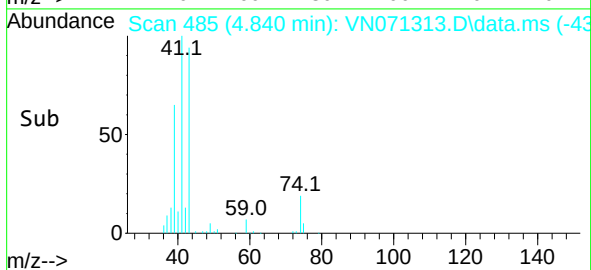
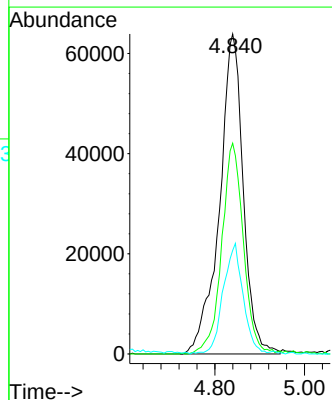
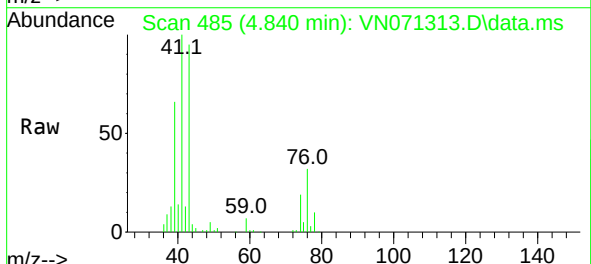
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

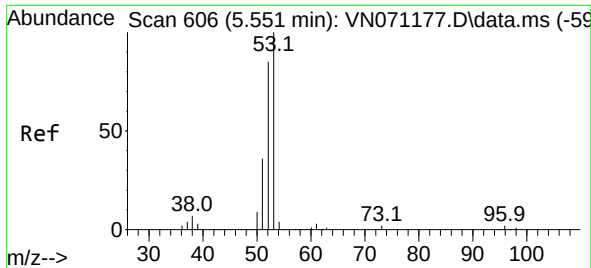
Tgt Ion: 56 Resp: 80253
Ion Ratio Lower Upper
56 100
55 68.9 56.6 85.0



#14
Allyl chloride
Concen: 17.767 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 41 Resp: 235337
Ion Ratio Lower Upper
41 100
39 60.1 61.2 91.8#
76 29.0 26.0 39.0

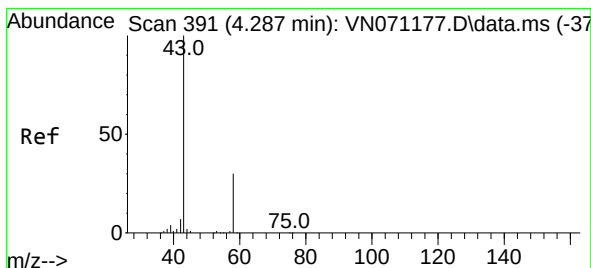
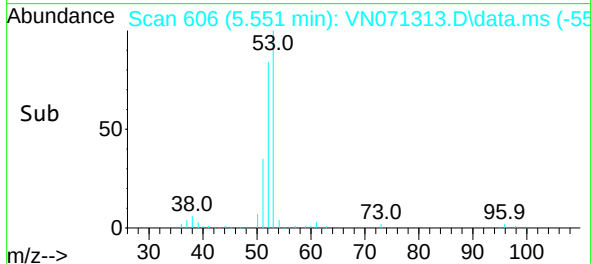
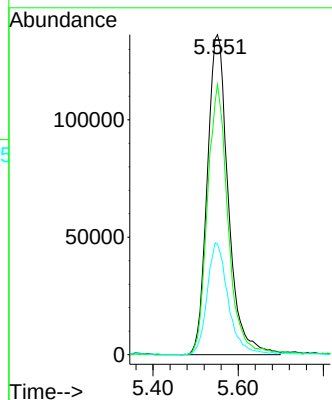
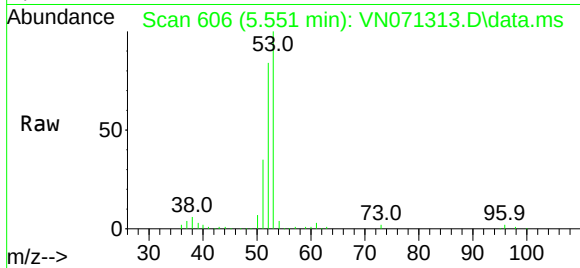




#15
Acrylonitrile
Concen: 96.125 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

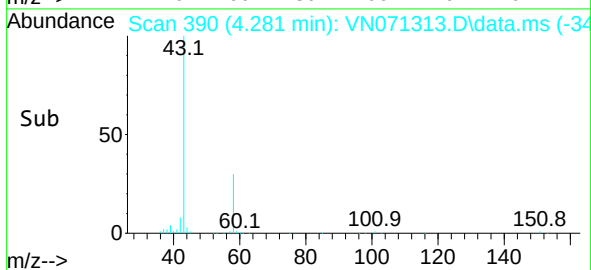
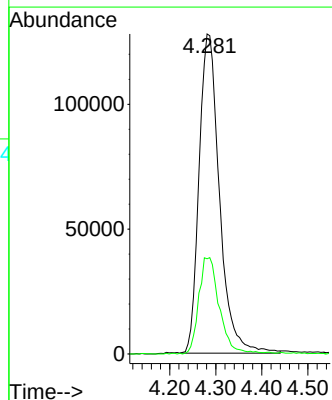
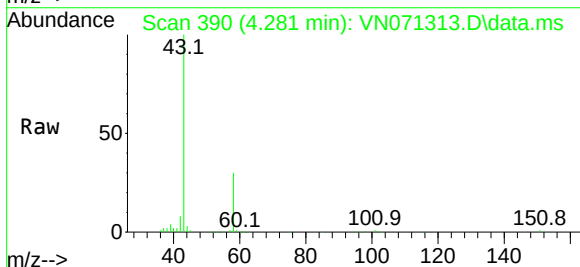
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

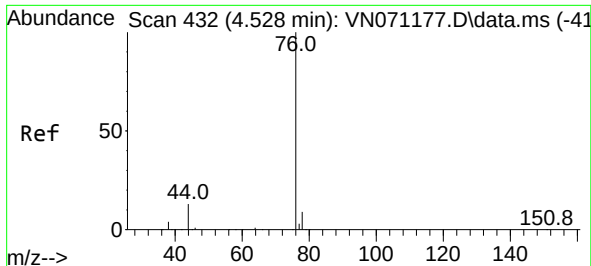
Tgt Ion: 53 Resp: 466830
Ion Ratio Lower Upper
53 100
52 82.2 66.2 99.2
51 35.0 29.6 44.4



#16
Acetone
Concen: 97.419 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 43 Resp: 394650
Ion Ratio Lower Upper
43 100
58 29.6 23.1 34.7

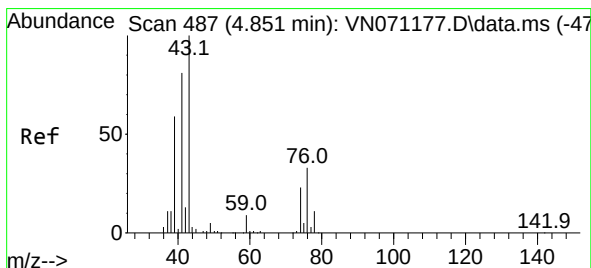
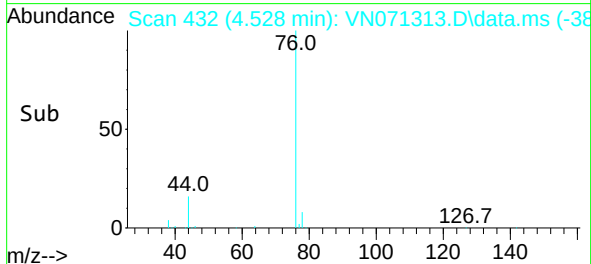
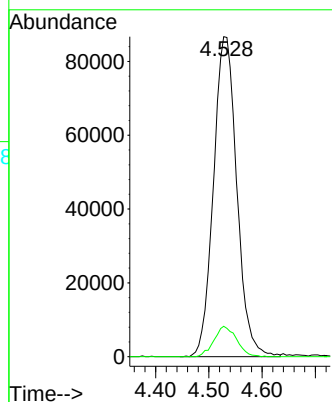
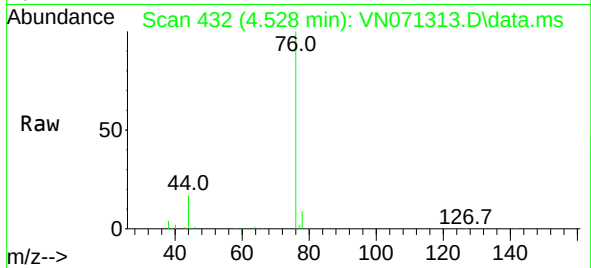




#17
Carbon Disulfide
Concen: 15.232 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

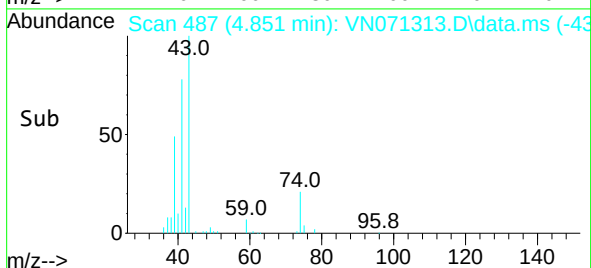
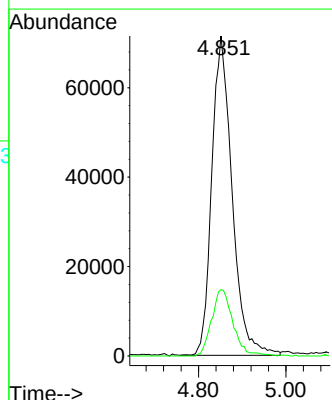
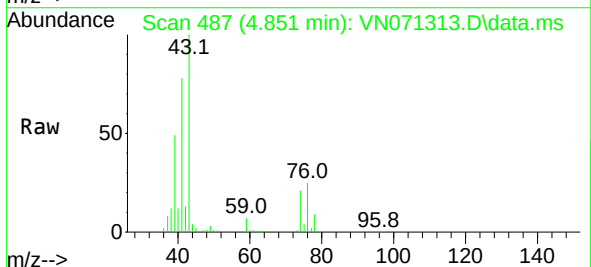
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

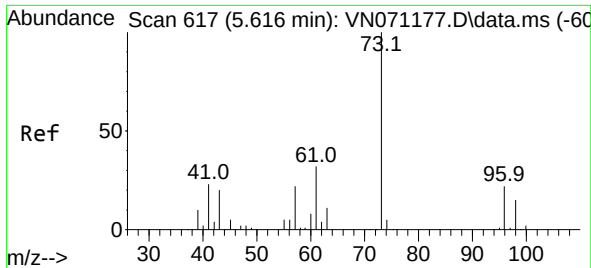
Tgt Ion: 76 Resp: 264091
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 21.444 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 43 Resp: 230358
Ion Ratio Lower Upper
43 100
74 21.8 19.4 29.2

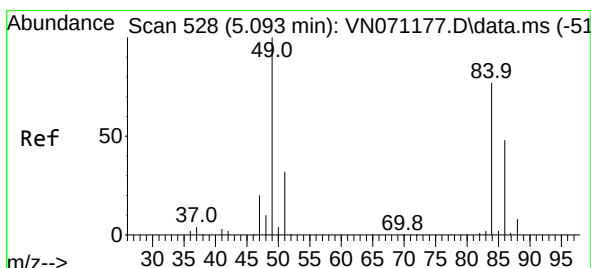
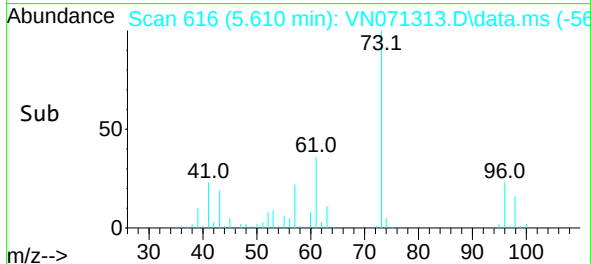
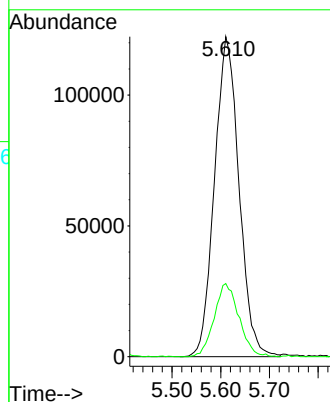
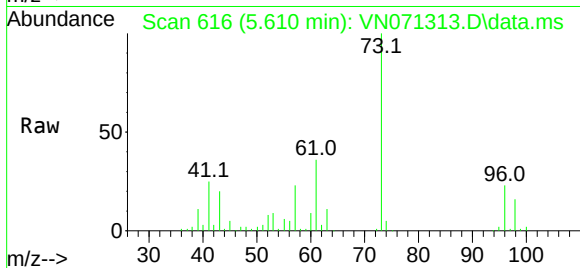




#19
Methyl tert-butyl Ether
Concen: 18.686 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

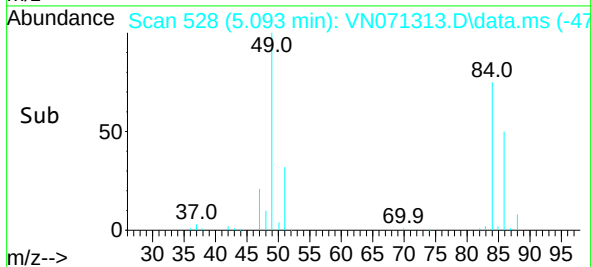
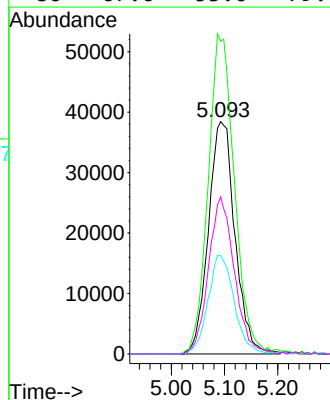
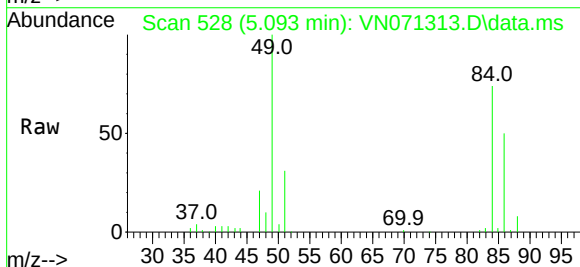
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

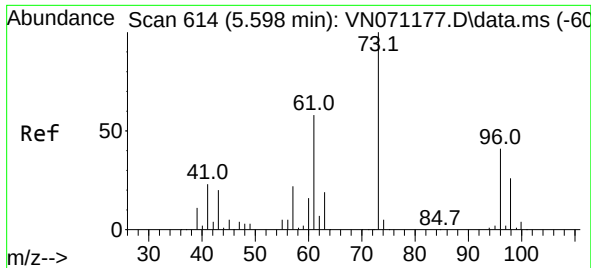
Tgt Ion: 73 Resp: 427265
Ion Ratio Lower Upper
73 100
57 22.8 16.8 25.2



#20
Methylene Chloride
Concen: 18.176 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 84 Resp: 132763
Ion Ratio Lower Upper
84 100
49 134.6 93.5 140.3
51 42.4 29.4 44.2
86 67.6 53.0 79.4

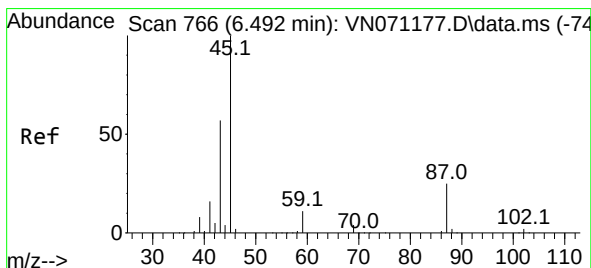
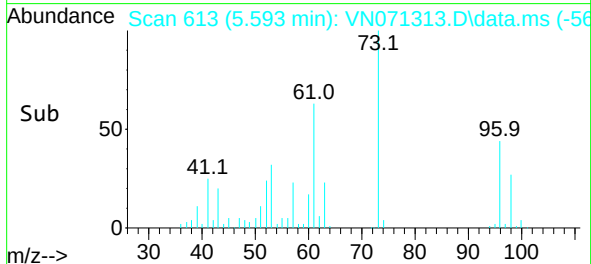
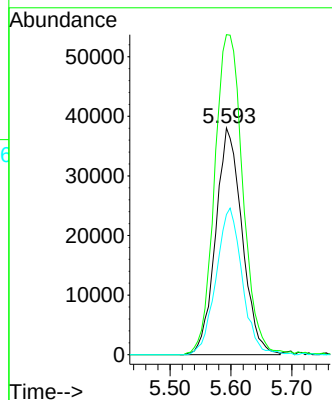
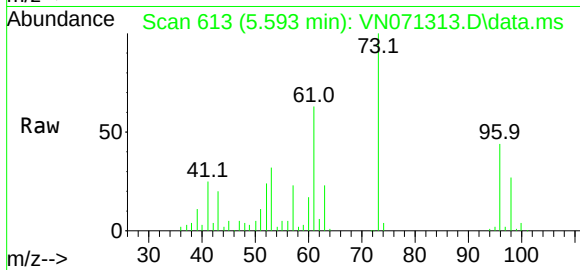




#21
trans-1,2-Dichloroethene
Concen: 17.224 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

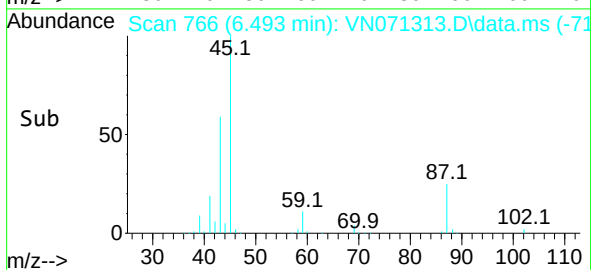
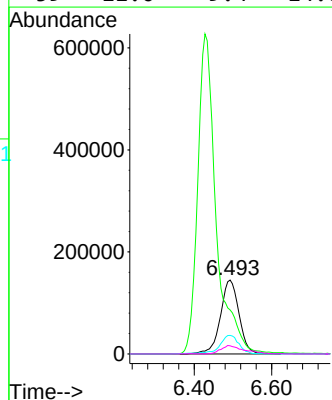
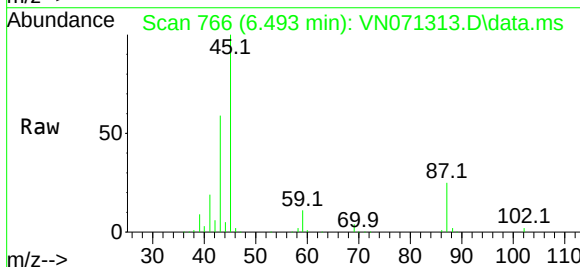
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

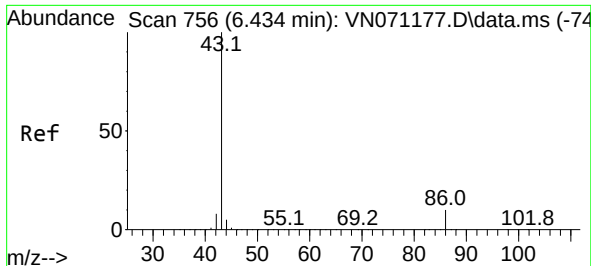
Tgt Ion: 96 Resp: 114736
Ion Ratio Lower Upper
96 100
61 141.1 105.8 158.6
98 61.8 52.0 78.0



#22
Diisopropyl ether
Concen: 18.523 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 45 Resp: 483377
Ion Ratio Lower Upper
45 100
43 59.0 51.7 77.5
87 25.1 23.2 34.8
59 11.0 9.4 14.0

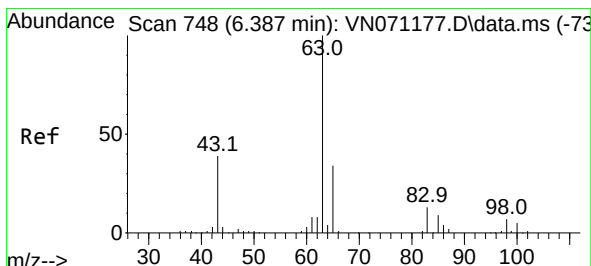
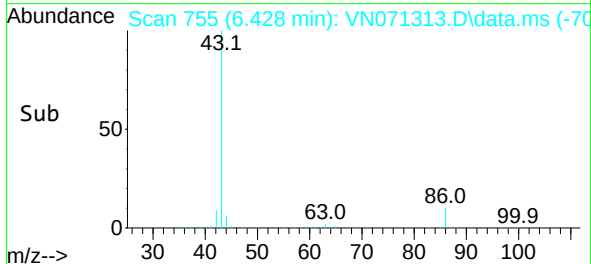
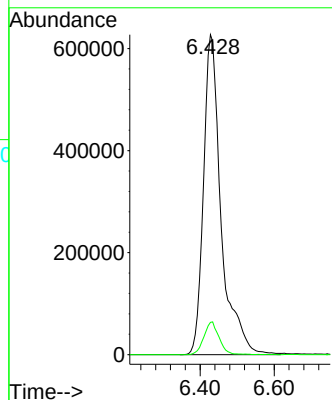
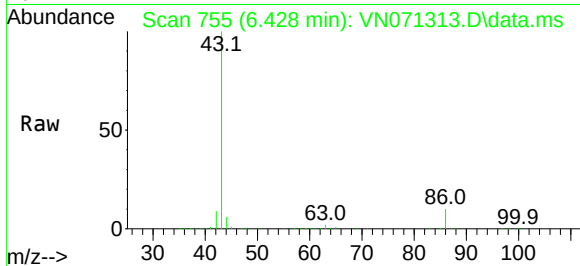




#23
 Vinyl Acetate
 Concen: 93.794 ug/l
 RT: 6.428 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VN071313.D
 Acq: 16 Mar 2022 11:53

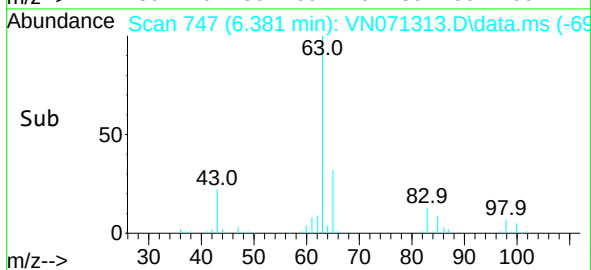
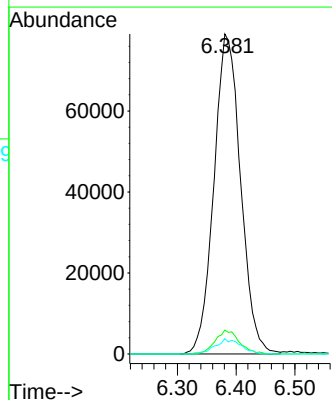
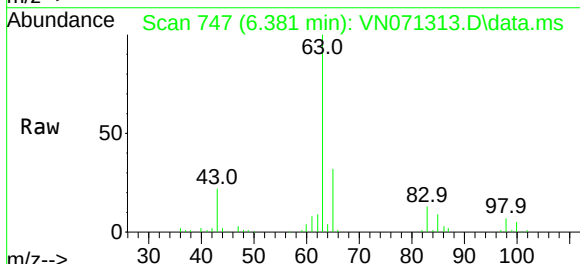
Instrument :
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 ClientSampleId :
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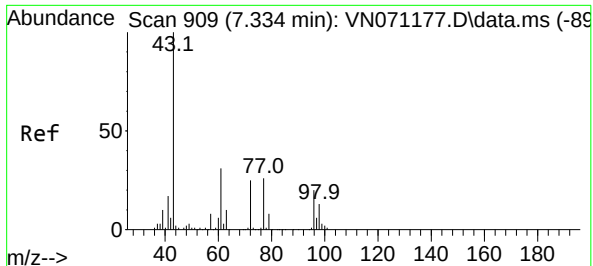
Tgt Ion: 43 Resp: 2072135
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 18.054 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071313.D
 Acq: 16 Mar 2022 11:53

Tgt Ion: 63 Resp: 248959
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 4.8 2.1 6.5

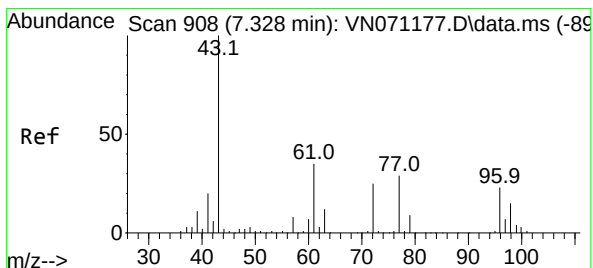
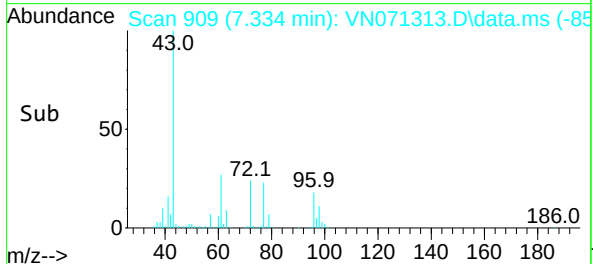
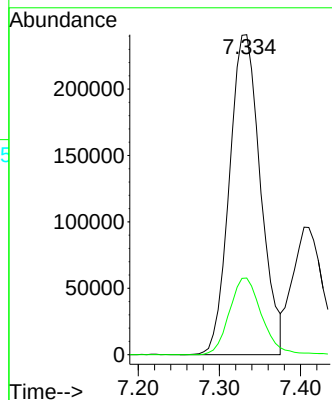
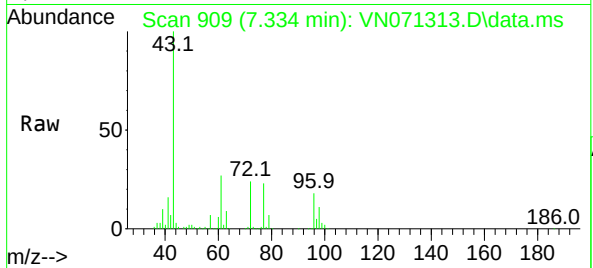




#25
2-Butanone
Concen: 98.432 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

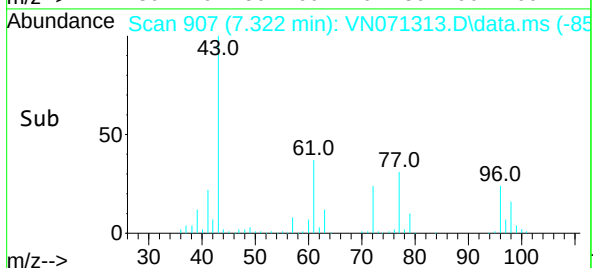
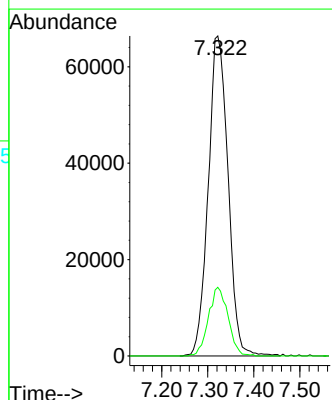
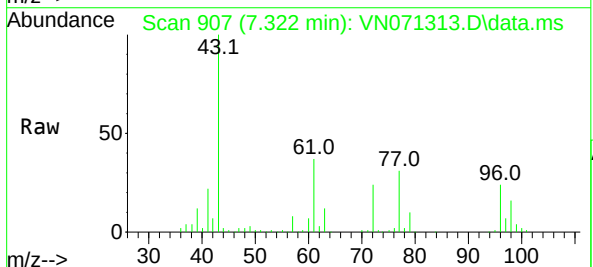
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

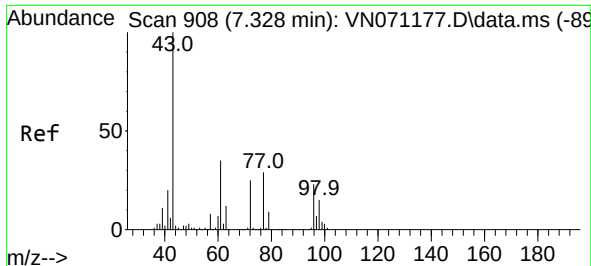
Tgt Ion: 43 Resp: 642345
Ion Ratio Lower Upper
43 100
72 23.9 21.7 32.5



#26
2,2-Dichloropropane
Concen: 18.682 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 77 Resp: 198745
Ion Ratio Lower Upper
77 100
97 21.3 11.6 34.8

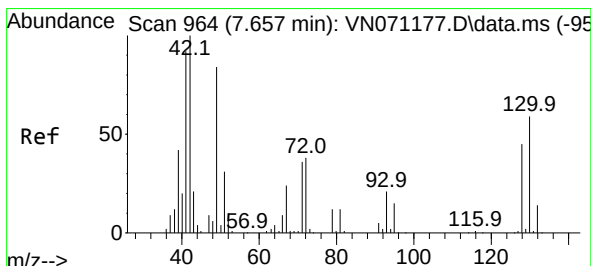
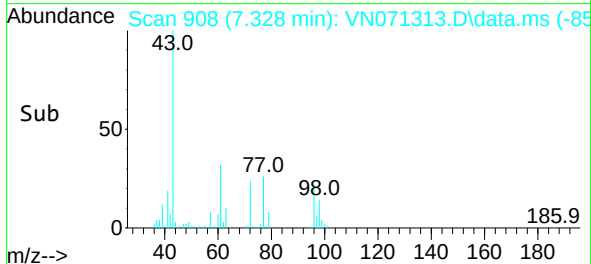
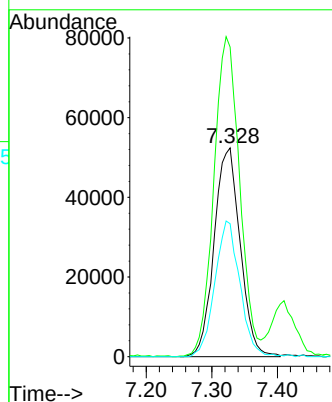
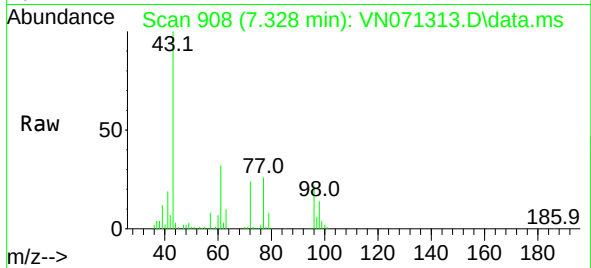




#27
 cis-1,2-Dichloroethene
 Concen: 18.267 ug/l
 RT: 7.328 min Scan# 908
 Delta R.T. 0.000 min
 Lab File: VN071313.D
 Acq: 16 Mar 2022 11:53

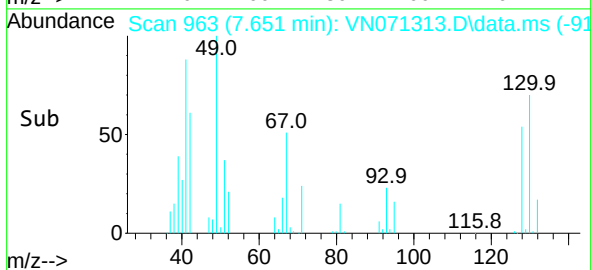
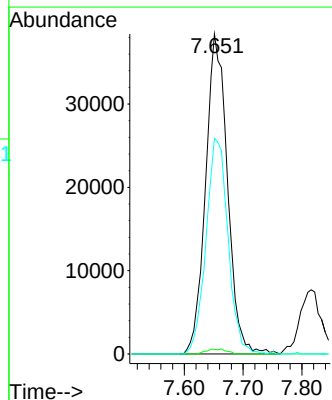
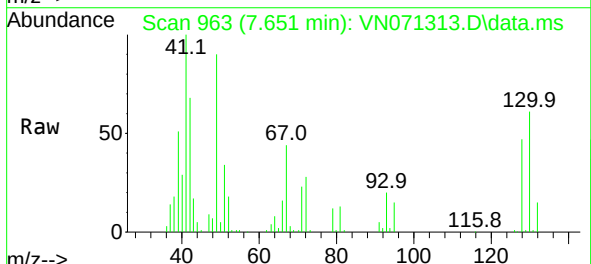
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316MBS01

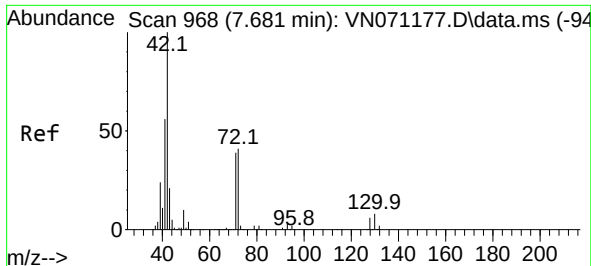
Tgt Ion: 96 Resp: 144426
 Ion Ratio Lower Upper
 96 100
 61 152.0 0.0 275.0
 98 62.4 0.0 129.6



#28
 Bromochloromethane
 Concen: 16.145 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN071313.D
 Acq: 16 Mar 2022 11:53

Tgt Ion: 49 Resp: 99140
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.0
 130 67.8 67.8 101.8#





#29

Tetrahydrofuran

Concen: 96.959 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0316MBS01

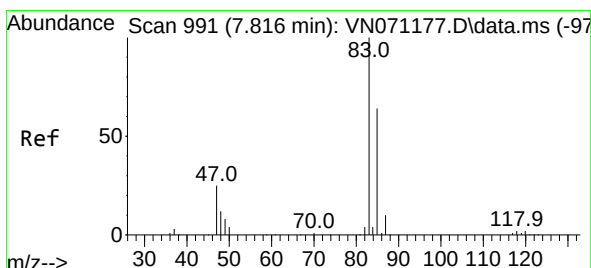
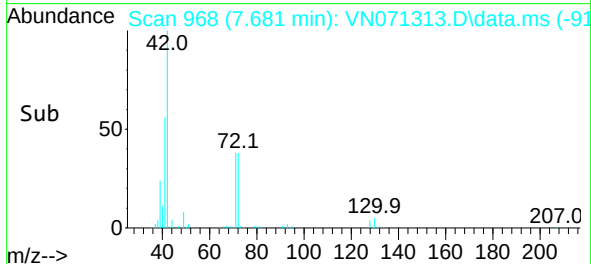
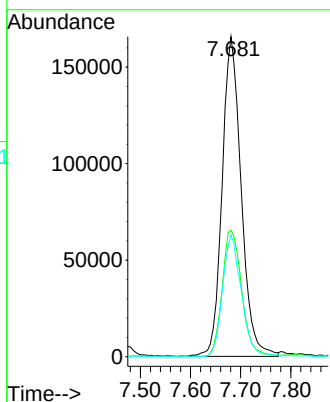
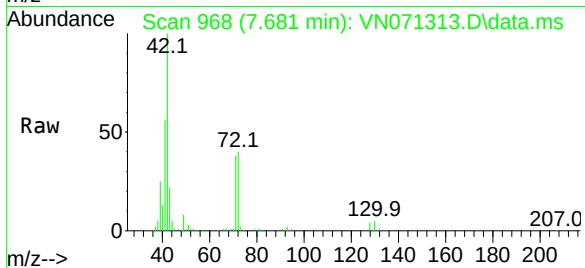
Tgt Ion: 42 Resp: 438342

Ion Ratio Lower Upper

42 100

72 40.5 36.3 54.5

71 37.6 34.7 52.1



#30

Chloroform

Concen: 18.466 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.000 min

Lab File: VN071313.D

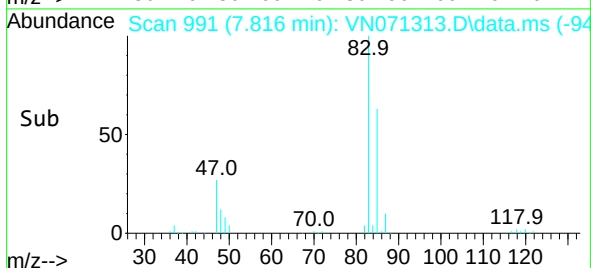
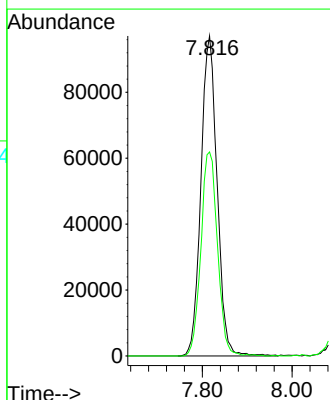
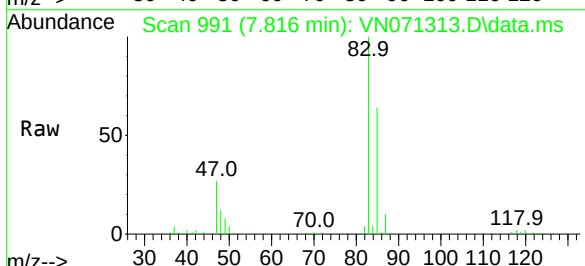
Acq: 16 Mar 2022 11:53

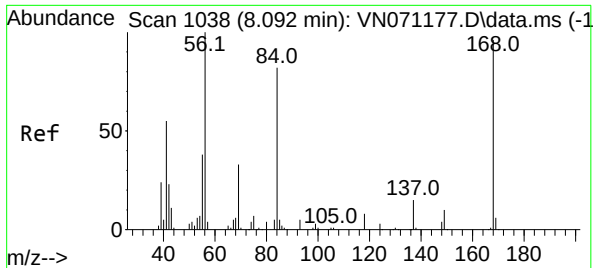
Tgt Ion: 83 Resp: 242858

Ion Ratio Lower Upper

83 100

85 63.7 51.9 77.9

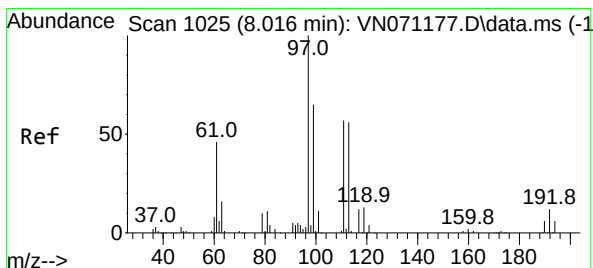
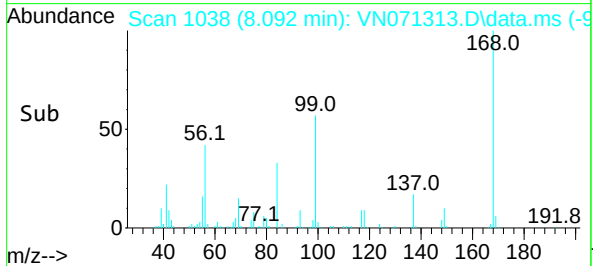
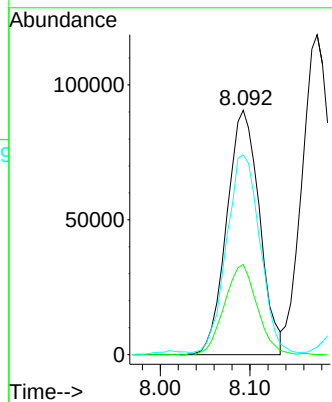
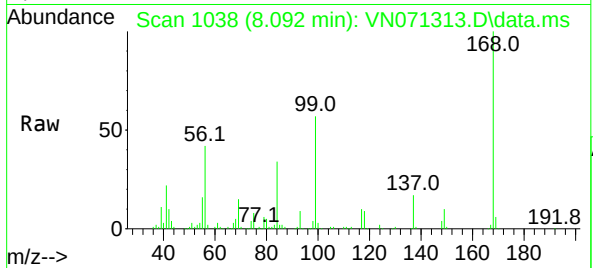




#31
Cyclohexane
Concen: 17.308 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

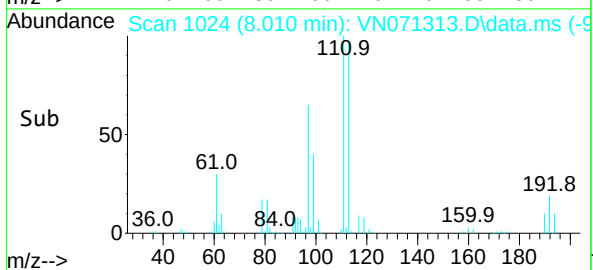
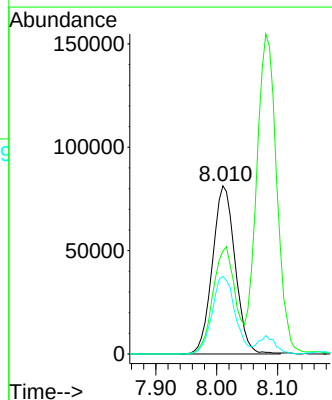
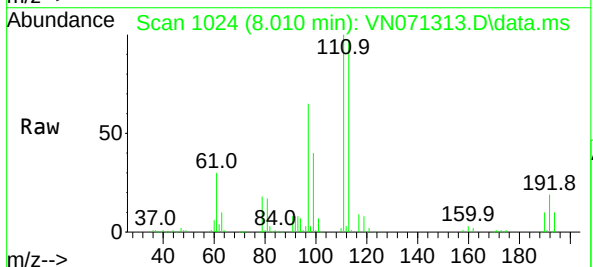
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

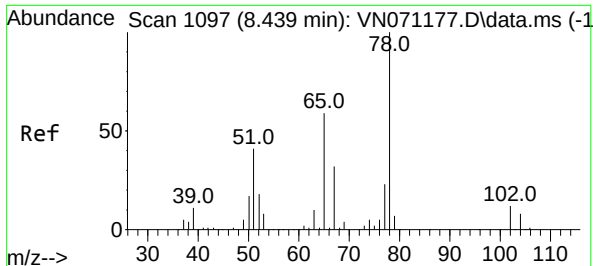
Tgt Ion: 56 Resp: 230114
Ion Ratio Lower Upper
56 100
69 36.9 27.1 40.7
84 80.6 73.4 110.0



#32
1,1,1-Trichloroethane
Concen: 18.801 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 97 Resp: 210624
Ion Ratio Lower Upper
97 100
99 62.8 50.1 75.1
61 46.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 53.223 ug/l

RT: 8.434 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

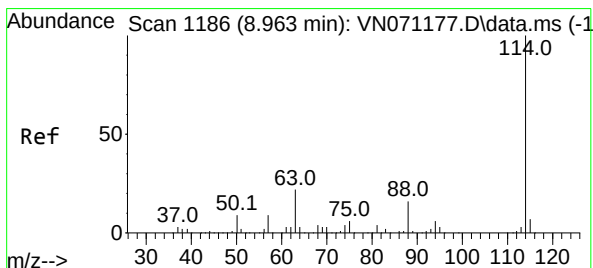
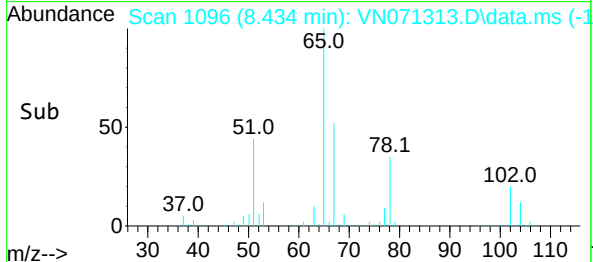
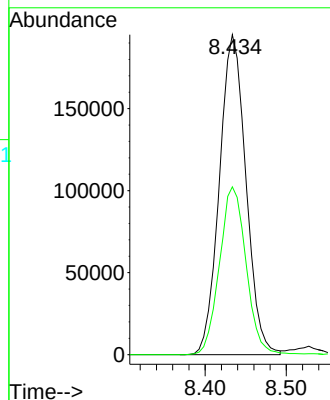
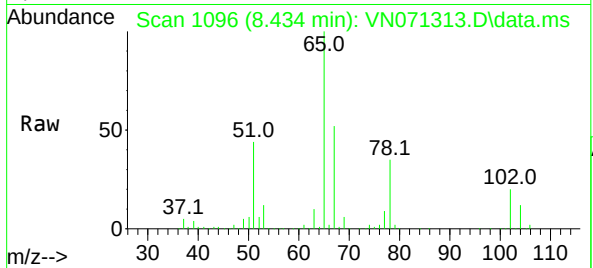
VN0316MBS01

Tgt Ion: 65 Resp: 443122

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

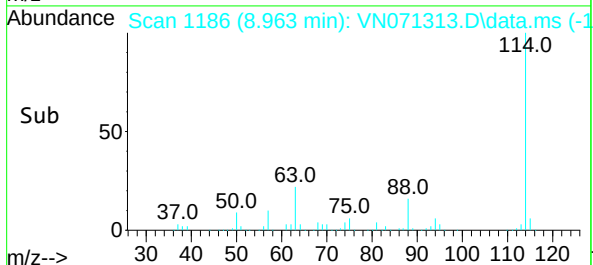
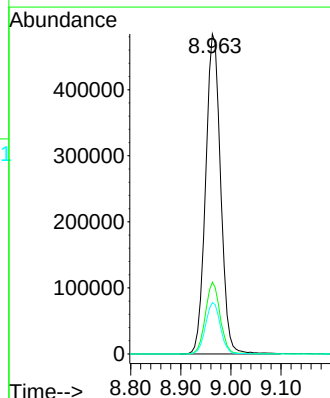
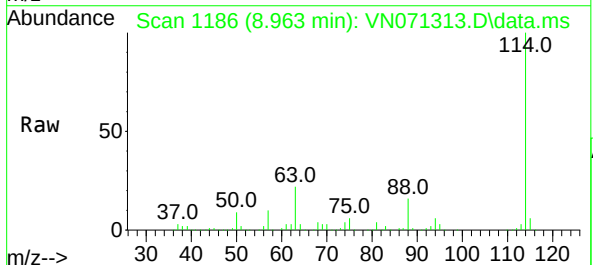
Tgt Ion: 114 Resp: 1008560

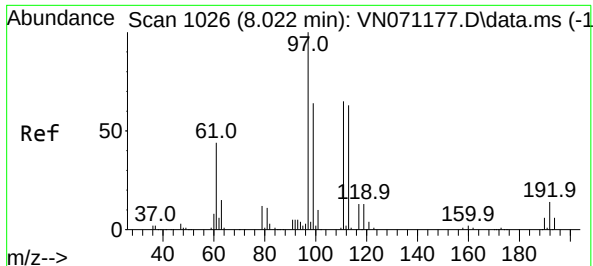
Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.8

88 16.0 0.0 27.4





#35

Dibromofluoromethane

Concen: 52.552 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0316MBS01

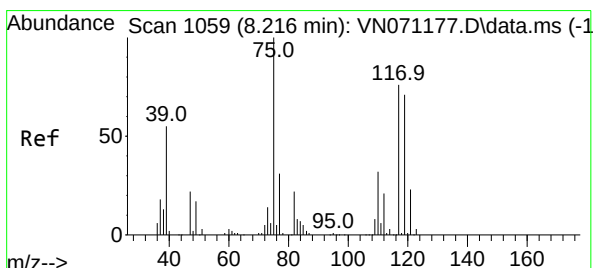
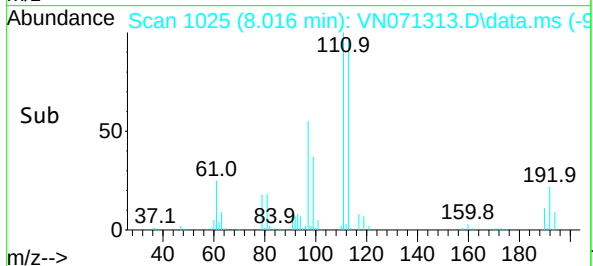
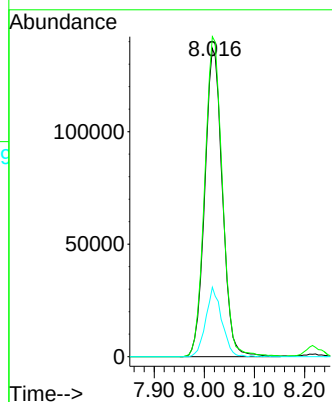
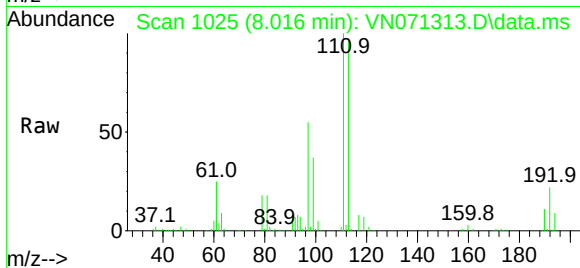
Tgt Ion:113 Resp: 334462

Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.2

192 20.4 16.9 25.3



#36

1,1-Dichloropropene

Concen: 16.925 ug/l

RT: 8.222 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

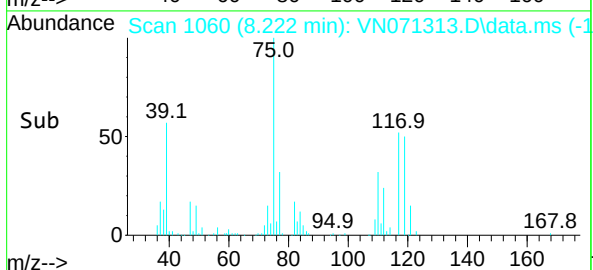
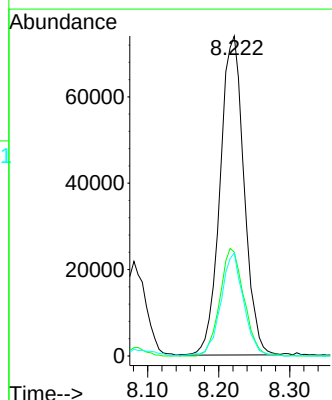
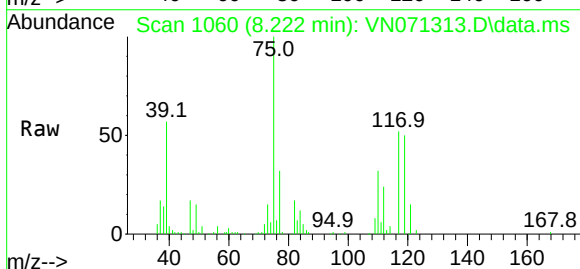
Tgt Ion: 75 Resp: 172582

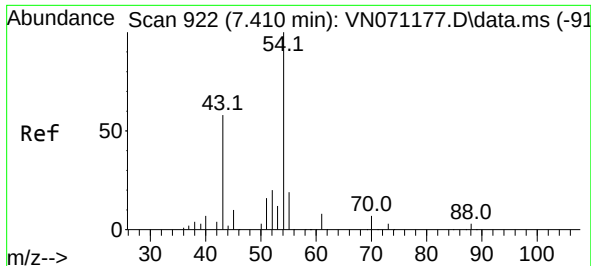
Ion Ratio Lower Upper

75 100

110 33.9 18.4 55.2

77 30.8 24.4 36.6

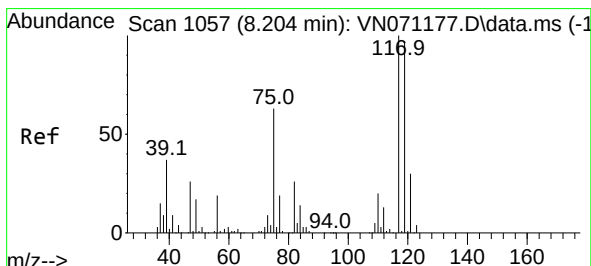
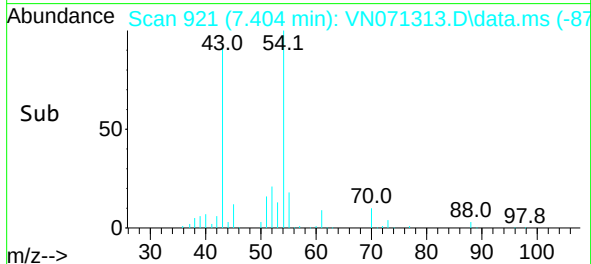
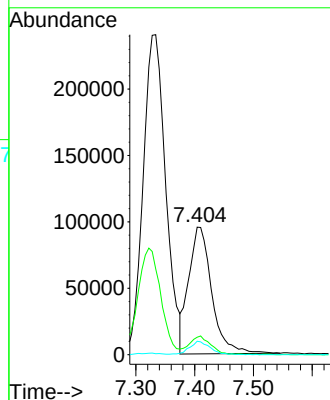
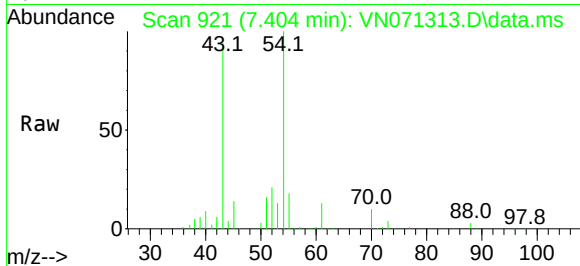




#37
Ethyl Acetate
Concen: 18.633 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

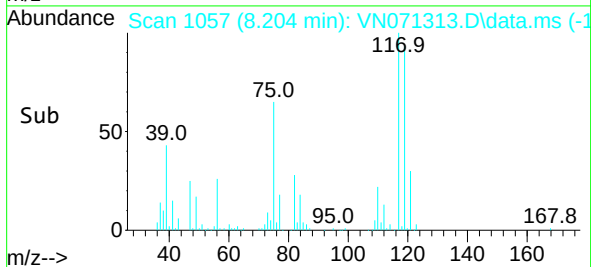
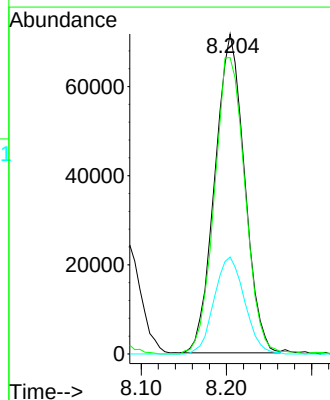
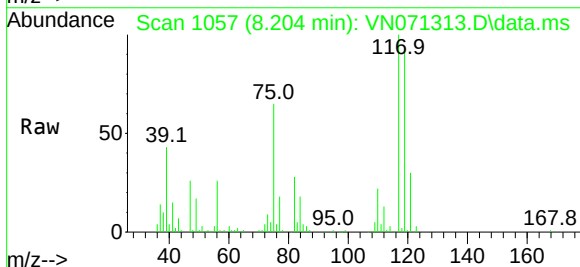
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

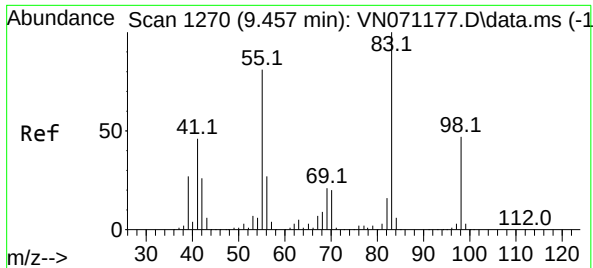
Tgt Ion: 43 Resp: 261486
Ion Ratio Lower Upper
43 100
61 13.2 11.5 17.3
70 9.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 17.530 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 117 Resp: 172899
Ion Ratio Lower Upper
117 100
119 92.9 76.1 114.1
121 30.4 24.2 36.2





#39

Methylcyclohexane

Concen: 16.594 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0316MBS01

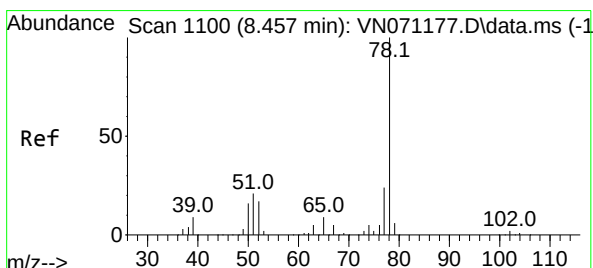
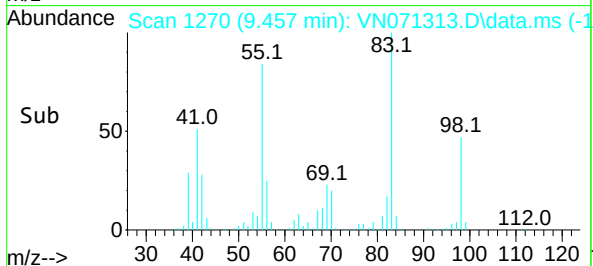
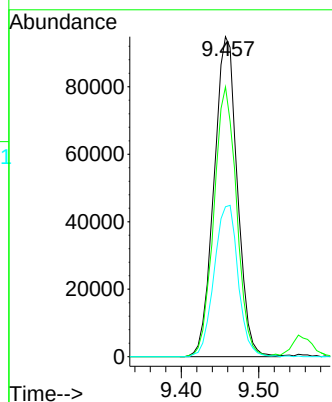
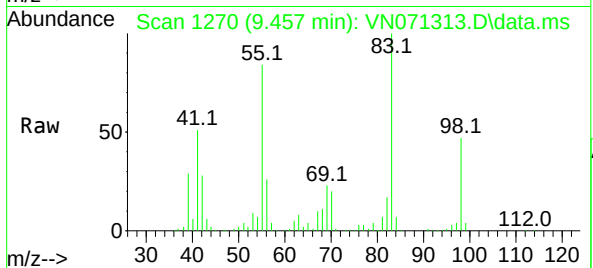
Tgt Ion: 83 Resp: 199064

Ion Ratio Lower Upper

83 100

55 84.3 58.1 87.1

98 46.9 38.4 57.6



#40

Benzene

Concen: 17.749 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071313.D

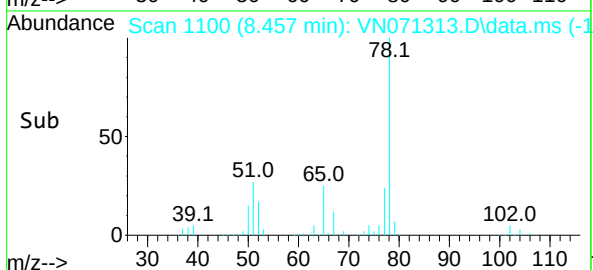
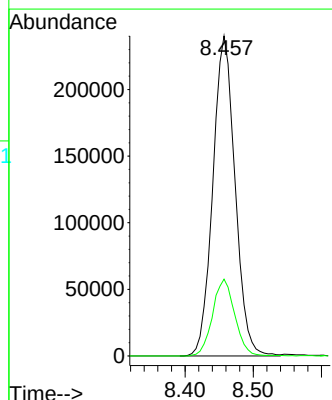
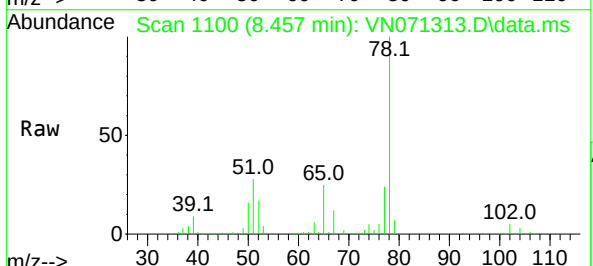
Acq: 16 Mar 2022 11:53

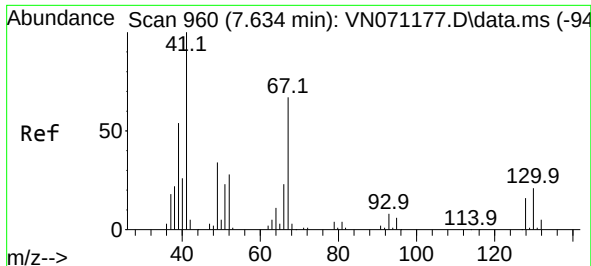
Tgt Ion: 78 Resp: 545312

Ion Ratio Lower Upper

78 100

77 24.0 18.6 27.8

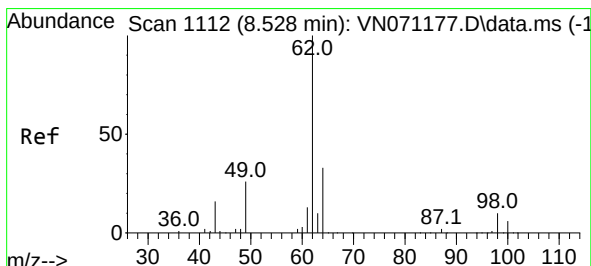
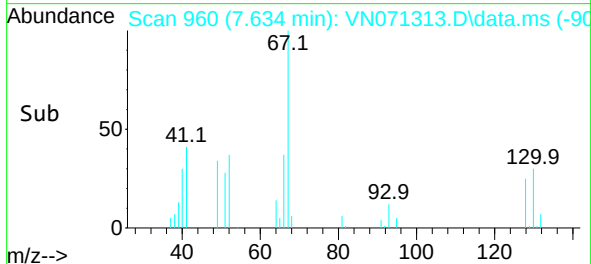
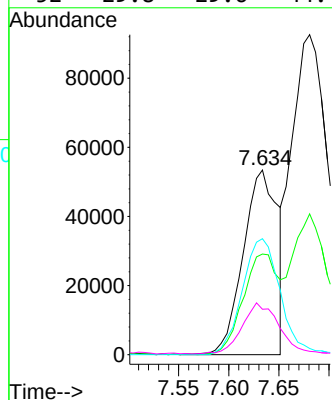
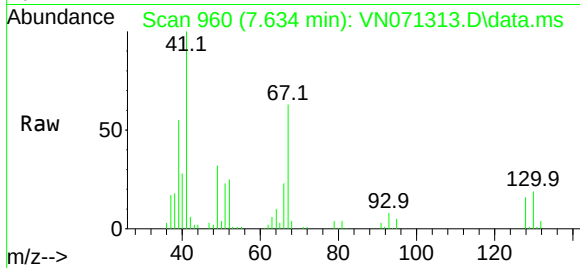




#41
Methacrylonitrile
Concen: 18.562 ug/l
RT: 7.634 min Scan# 960
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

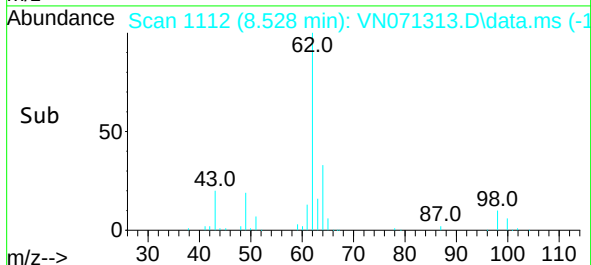
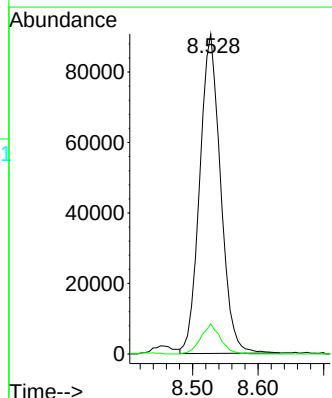
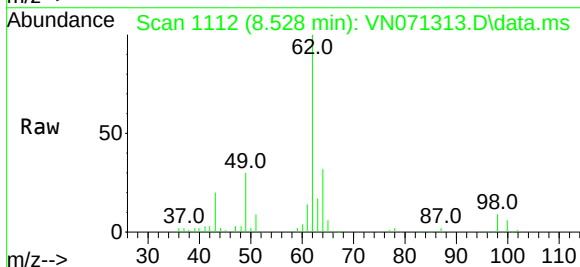
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

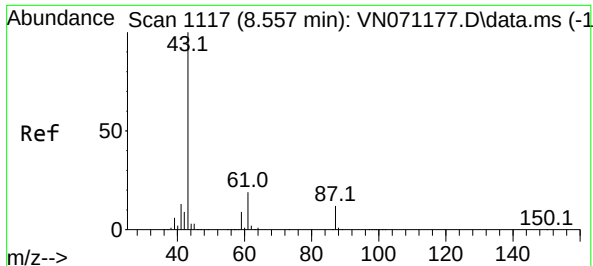
Tgt Ion:	41	Resp:	127480
Ion	Ratio	Lower	Upper
41	100		
39	55.2	48.1	72.1
67	69.7	68.3	102.5
52	29.8	29.6	44.4



#42
1,2-Dichloroethane
Concen: 18.758 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion:	62	Resp:	200551
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6

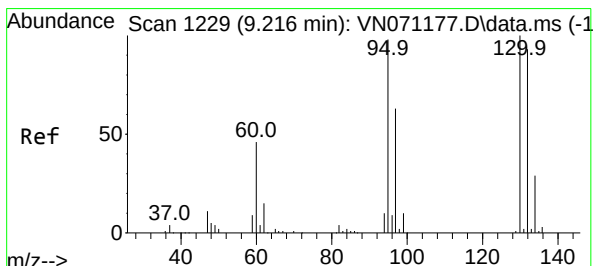
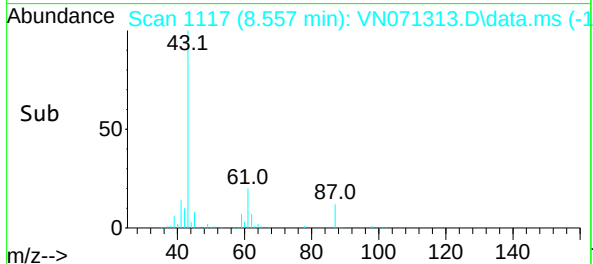
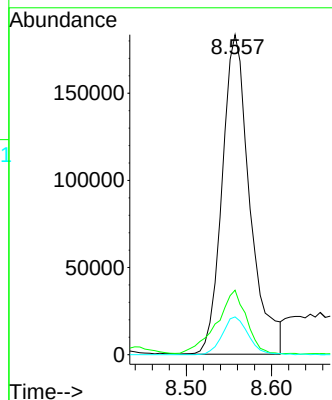
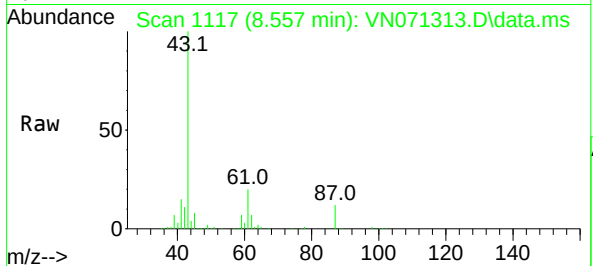




#43
Isopropyl Acetate
Concen: 19.748 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

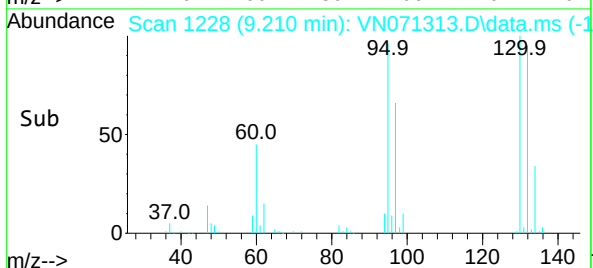
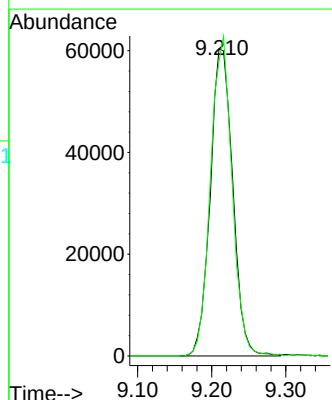
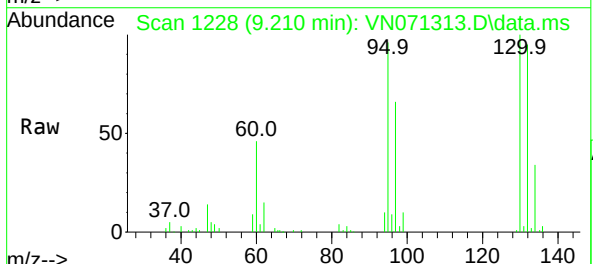
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

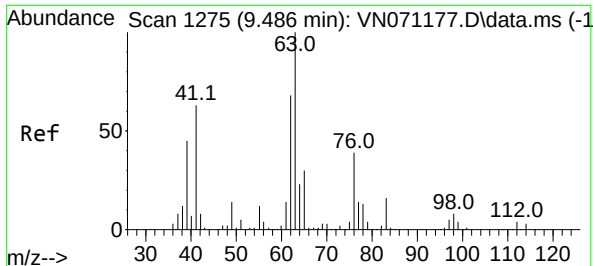
Tgt Ion: 43 Resp: 414445
Ion Ratio Lower Upper
43 100
61 21.5 20.4 30.6
87 11.0 11.2 16.8#



#44
Trichloroethene
Concen: 17.586 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion:130 Resp: 127483
Ion Ratio Lower Upper
130 100
95 96.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 17.980 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

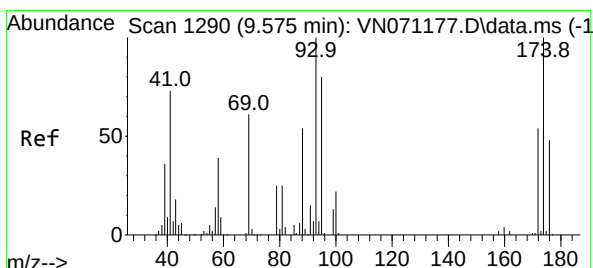
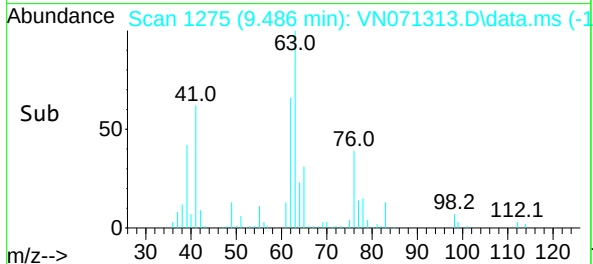
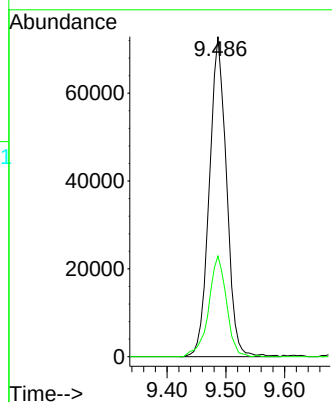
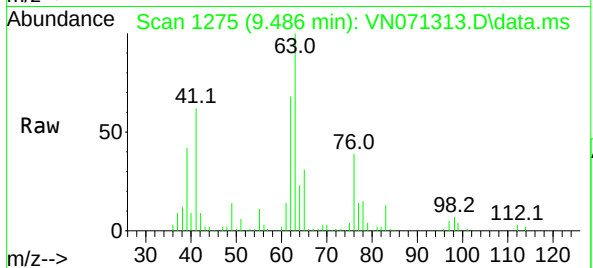
VN0316MBS01

Tgt Ion: 63 Resp: 148291

Ion Ratio Lower Upper

63 100

65 31.5 24.7 37.1



#46

Dibromomethane

Concen: 18.554 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

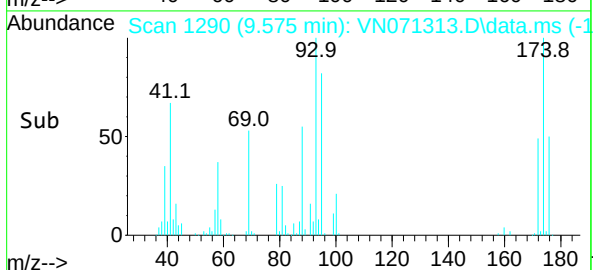
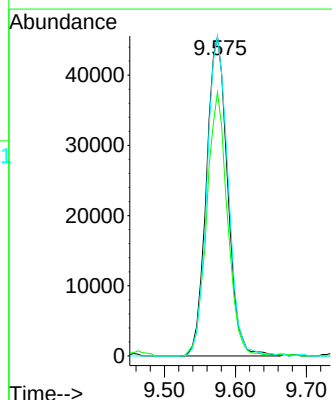
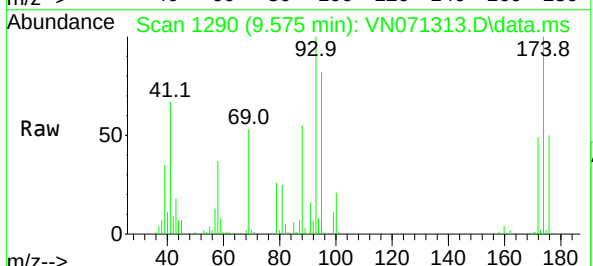
Tgt Ion: 93 Resp: 94186

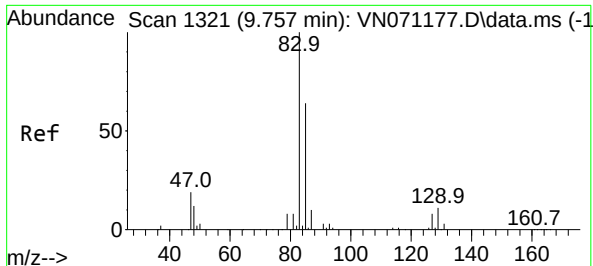
Ion Ratio Lower Upper

93 100

95 80.6 65.9 98.9

174 99.4 84.6 127.0

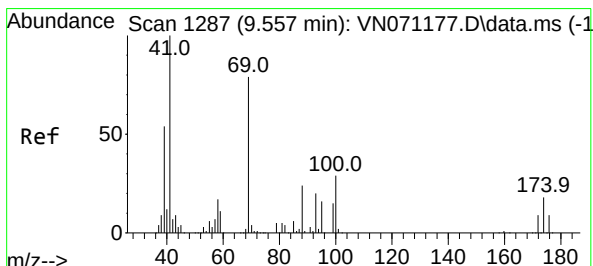
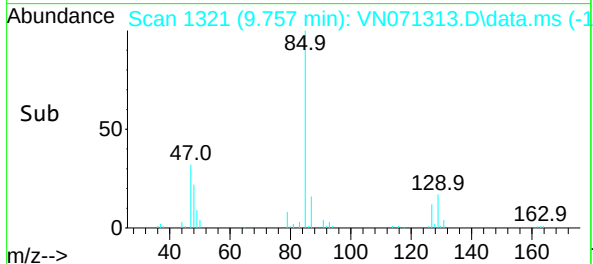
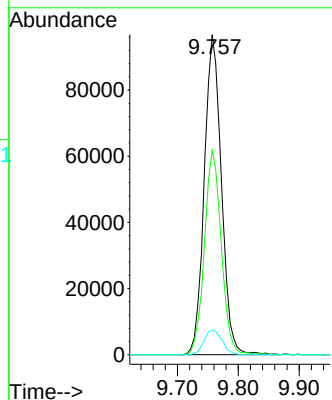
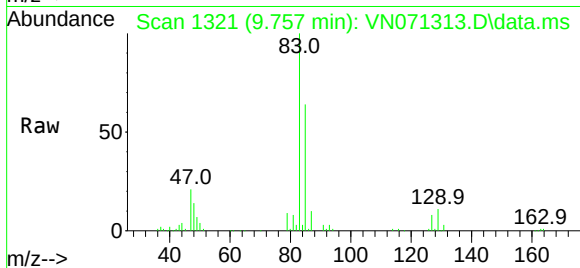




#47
Bromodichloromethane
Concen: 18.449 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

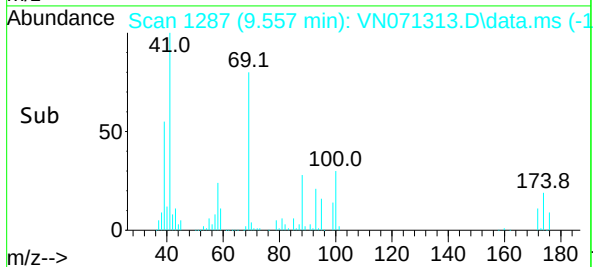
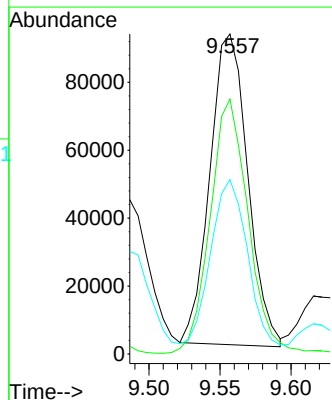
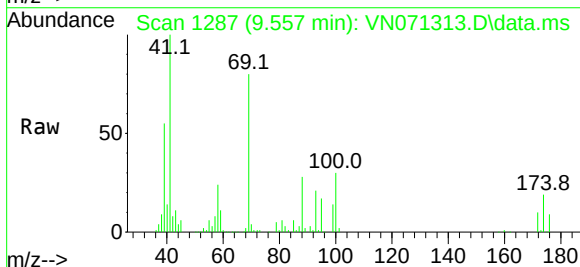
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

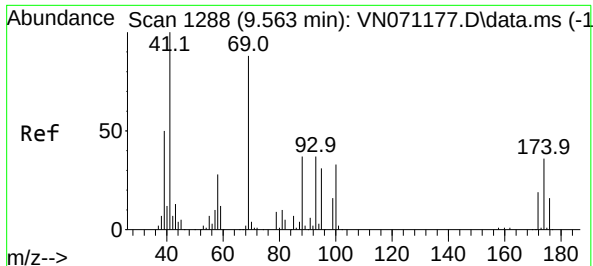
Tgt Ion: 83 Resp: 189263
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3
127 7.7 7.1 10.7



#48
Methyl methacrylate
Concen: 17.416 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 41 Resp: 169378
Ion Ratio Lower Upper
41 100
69 84.0 72.4 108.6
39 56.7 58.4 87.6#





#49

1,4-Dioxane

Concen: 404.707 ug/l

RT: 9.563 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0316MBS01

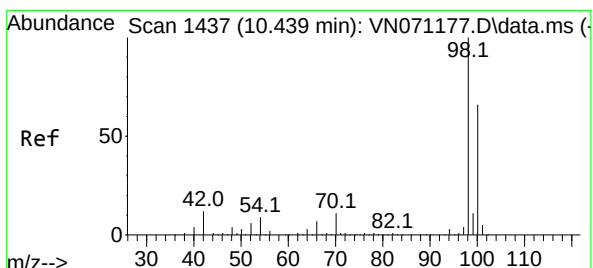
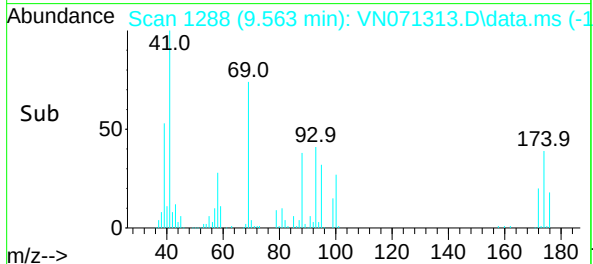
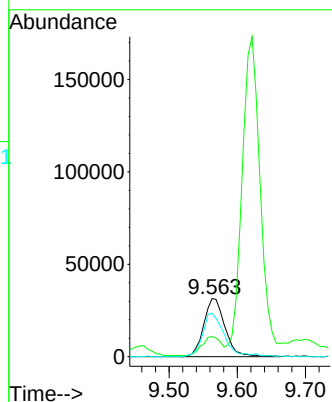
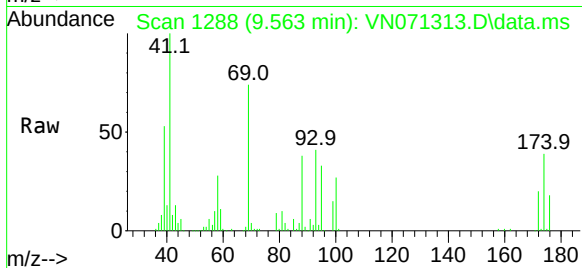
Tgt Ion: 88 Resp: 68415

Ion Ratio Lower Upper

88 100

43 29.3 23.4 35.2

58 76.9 50.6 75.8#



#50

Toluene-d8

Concen: 51.782 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071313.D

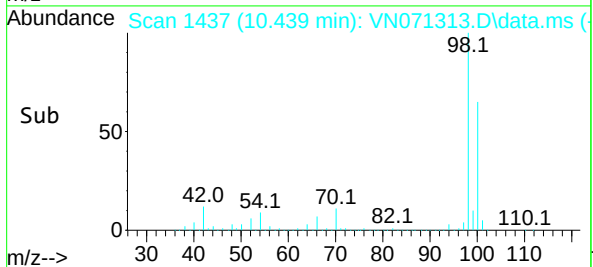
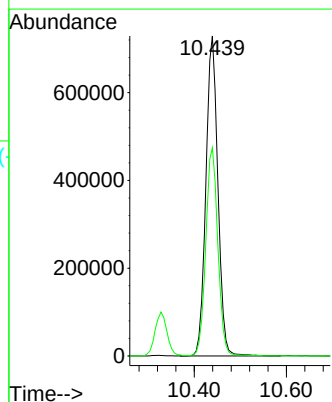
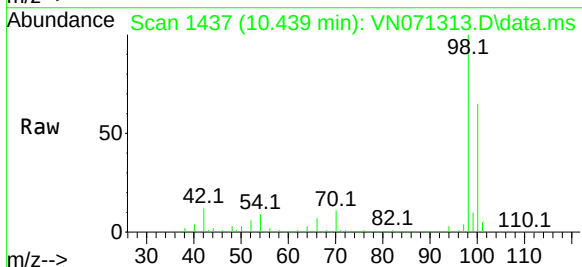
Acq: 16 Mar 2022 11:53

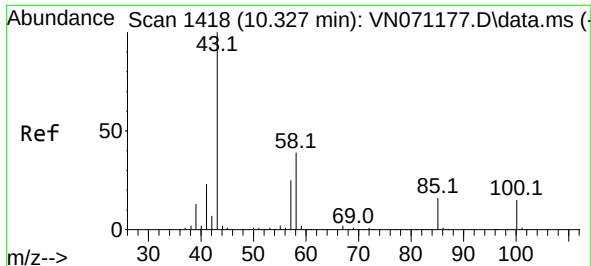
Tgt Ion: 98 Resp: 1326898

Ion Ratio Lower Upper

98 100

100 65.5 50.4 75.6

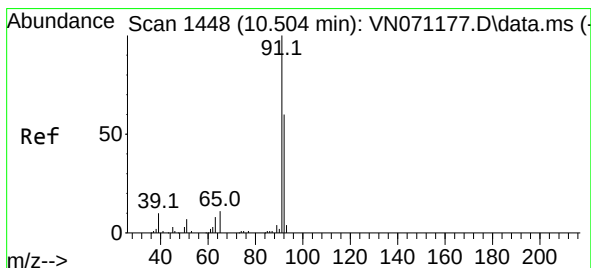
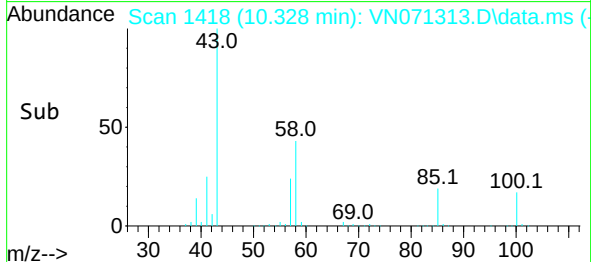
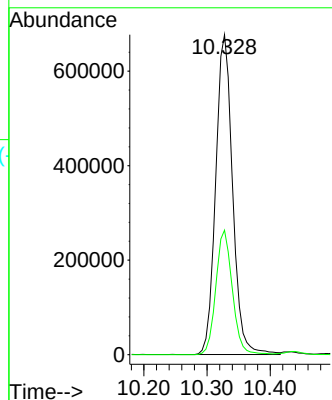
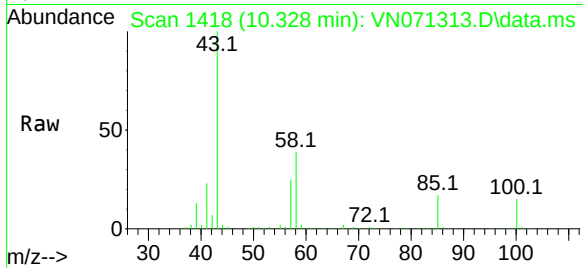




#51
4-Methyl-2-Pentanone
Concen: 96.637 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

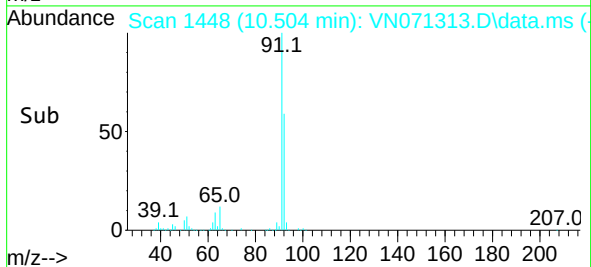
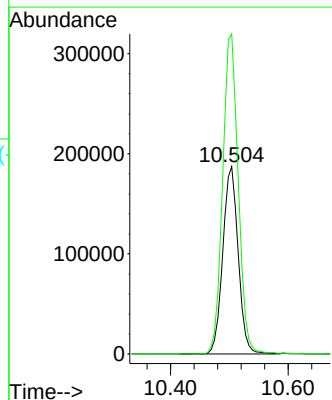
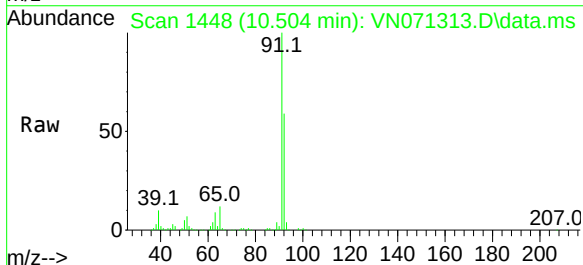
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

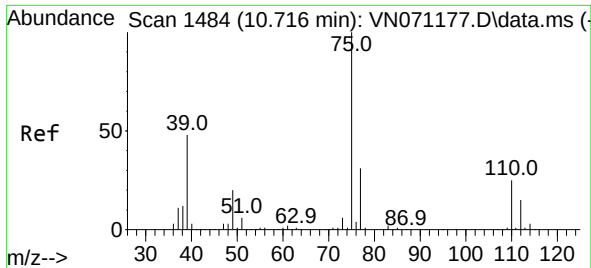
Tgt Ion: 43 Resp: 1258610
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6



#52
Toluene
Concen: 17.909 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 92 Resp: 338806
Ion Ratio Lower Upper
92 100
91 173.2 142.0 213.0

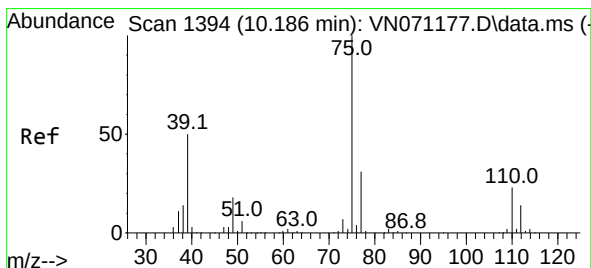
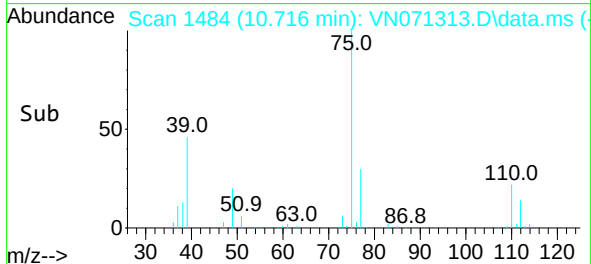
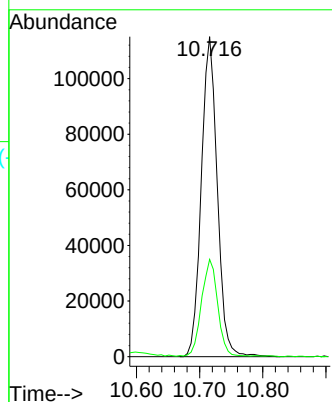
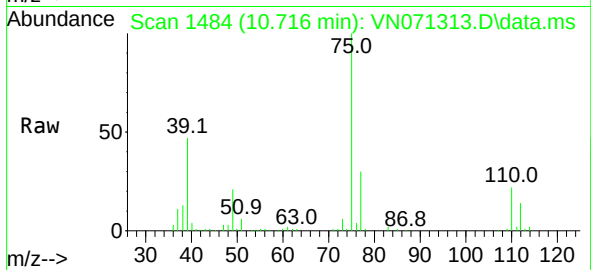




#53
t-1,3-Dichloropropene
Concen: 17.870 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

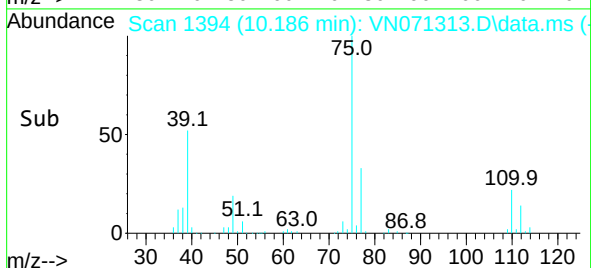
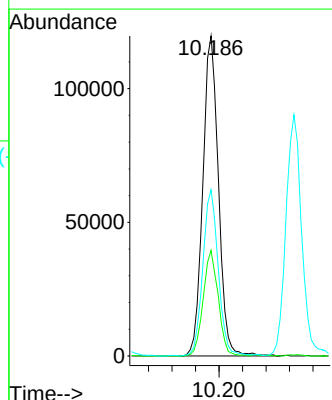
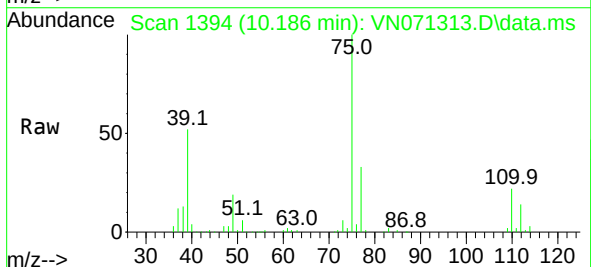
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

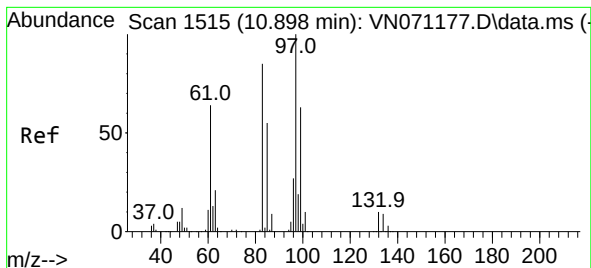
Tgt Ion: 75 Resp: 202081
Ion Ratio Lower Upper
75 100
77 30.4 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 17.912 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 75 Resp: 221325
Ion Ratio Lower Upper
75 100
77 33.0 26.4 39.6
39 51.9 42.5 63.7





#55

1,1,2-Trichloroethane

Concen: 17.957 ug/l

RT: 10.892 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0316MBS01

Tgt Ion: 97 Resp: 136130

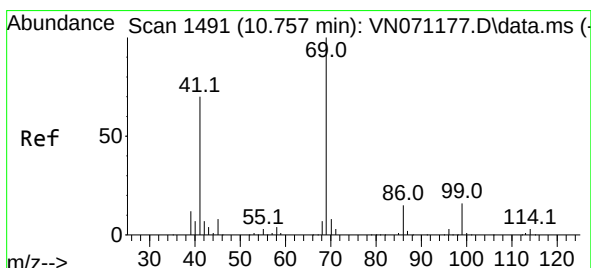
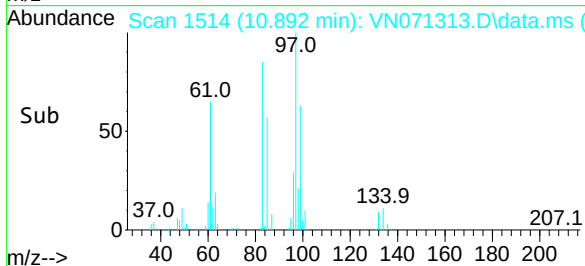
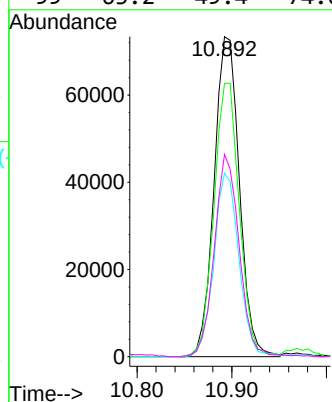
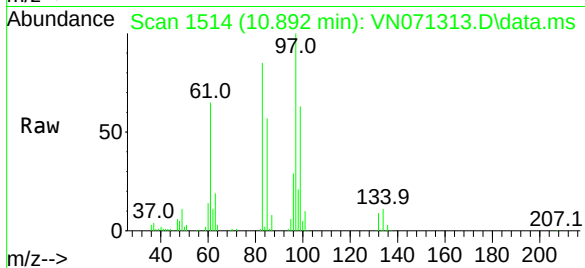
Ion Ratio Lower Upper

97 100

83 85.4 67.8 101.6

85 57.3 45.4 68.2

99 63.2 49.4 74.0



#56

Ethyl methacrylate

Concen: 17.878 ug/l

RT: 10.757 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

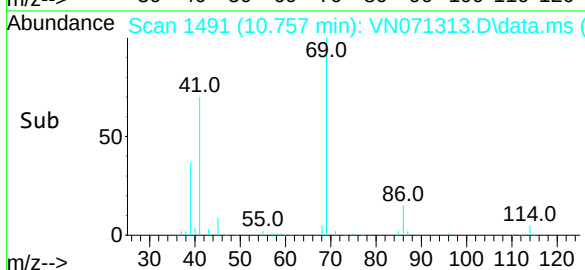
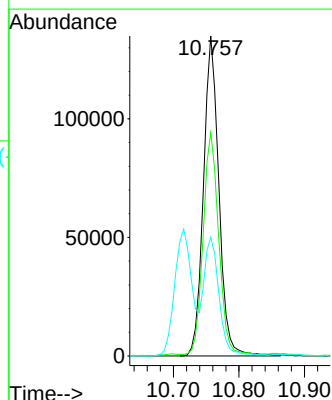
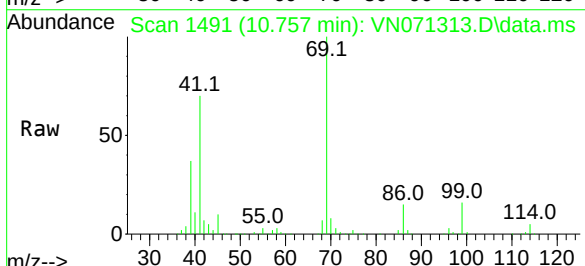
Tgt Ion: 69 Resp: 221333

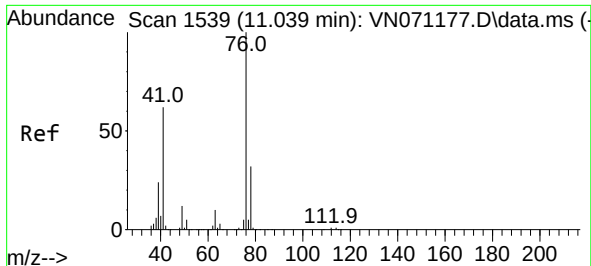
Ion Ratio Lower Upper

69 100

41 70.3 51.4 77.0

39 35.5 34.6 52.0





#57

1,3-Dichloropropane

Concen: 18.081 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

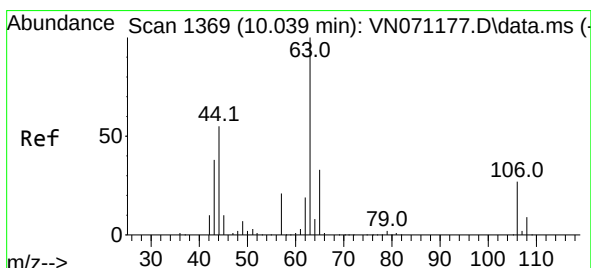
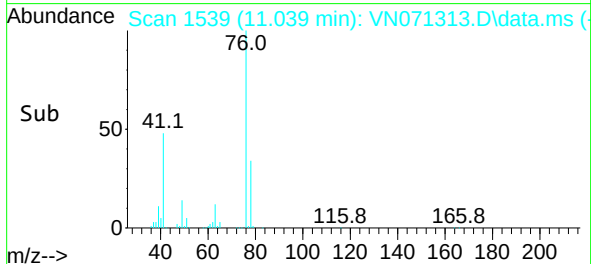
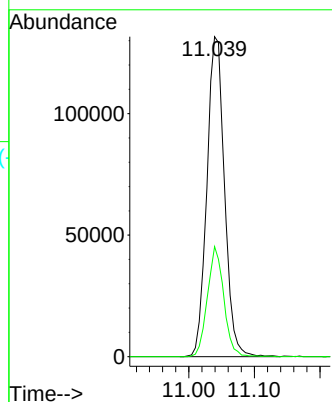
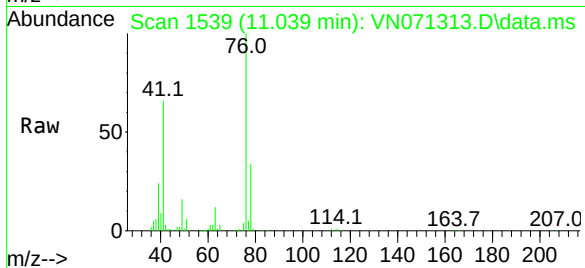
VN0316MBS01

Tgt Ion: 76 Resp: 246038

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 120.584 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN071313.D

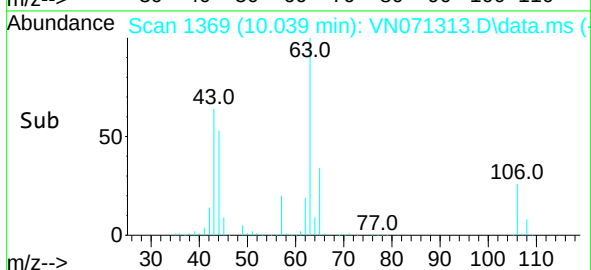
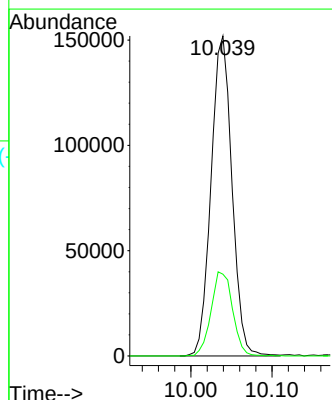
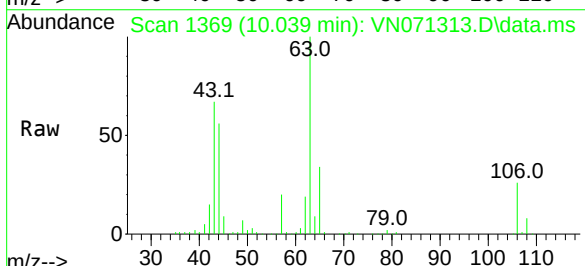
Acq: 16 Mar 2022 11:53

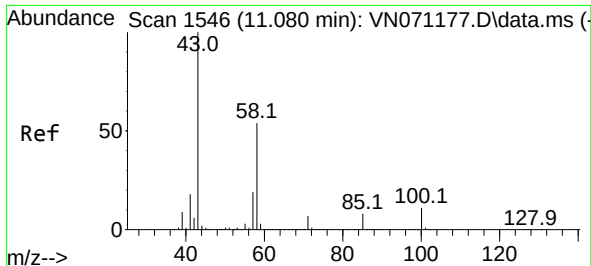
Tgt Ion: 63 Resp: 271414

Ion Ratio Lower Upper

63 100

106 27.1 23.9 35.9

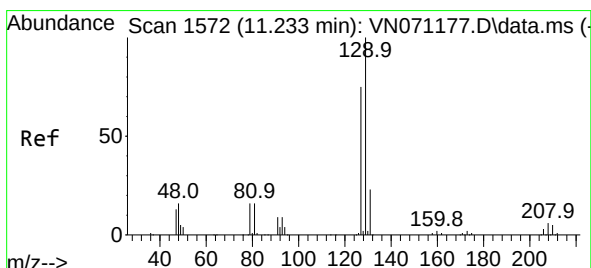
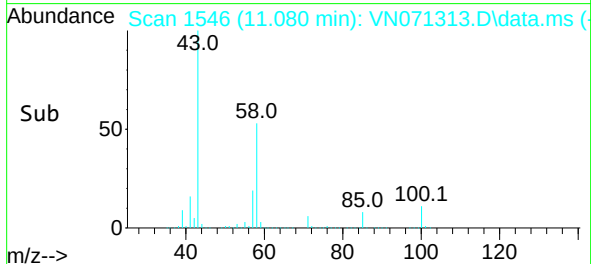
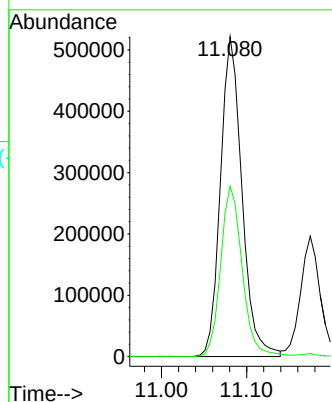
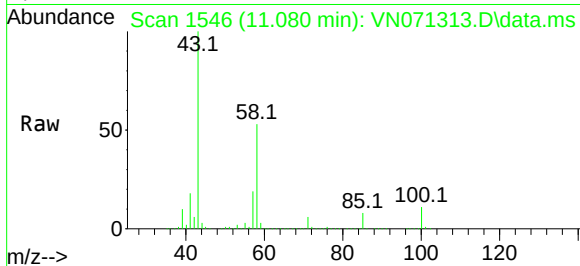




#59
2-Hexanone
Concen: 102.706 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

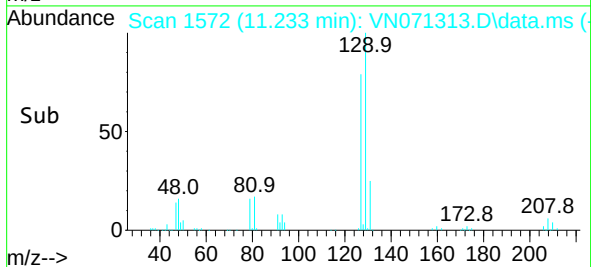
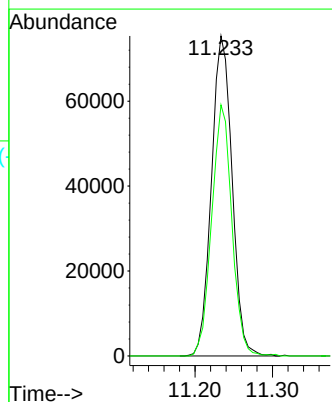
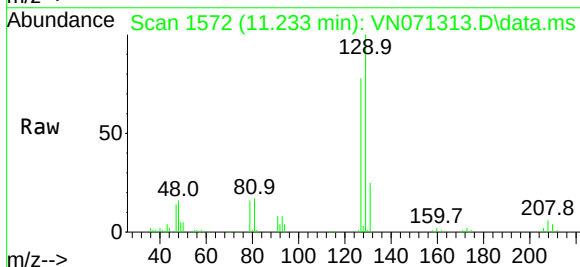
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

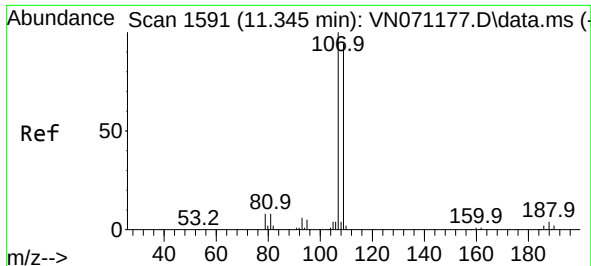
Tgt Ion: 43 Resp: 912694
Ion Ratio Lower Upper
43 100
58 53.5 26.9 80.7



#60
Dibromochloromethane
Concen: 18.492 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion:129 Resp: 139292
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0

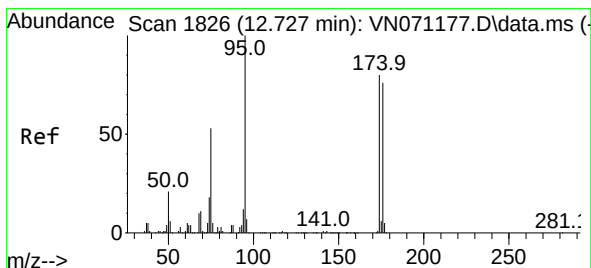
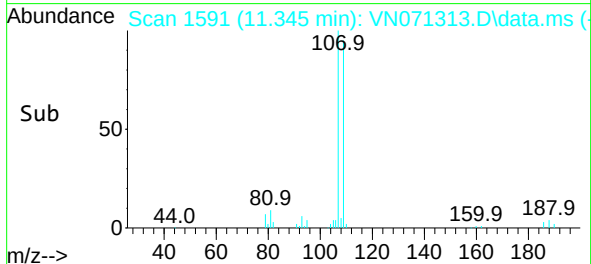
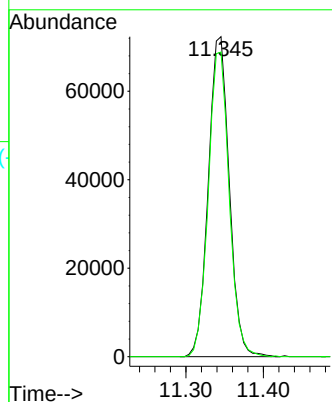
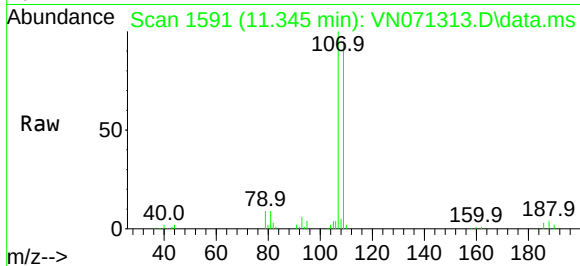




#61
1,2-Dibromoethane
Concen: 17.534 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

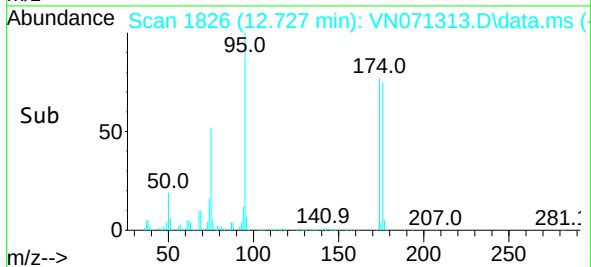
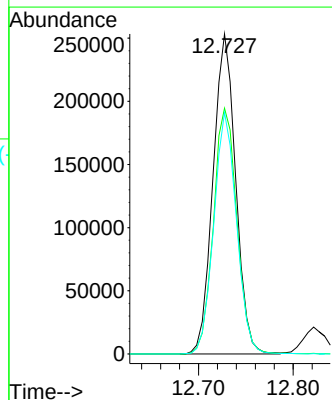
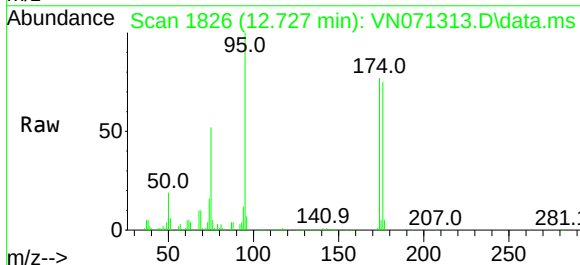
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

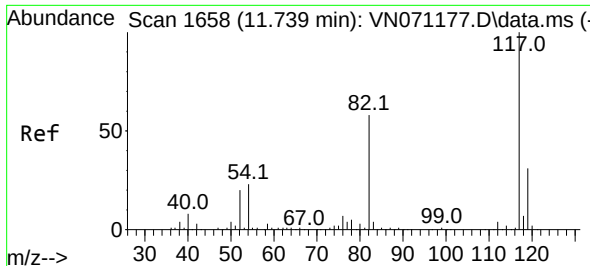
Tgt Ion:107 Resp: 135853
Ion Ratio Lower Upper
107 100
109 95.0 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 48.426 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 95 Resp: 420203
Ion Ratio Lower Upper
95 100
174 79.7 0.0 187.2
176 75.9 0.0 181.4

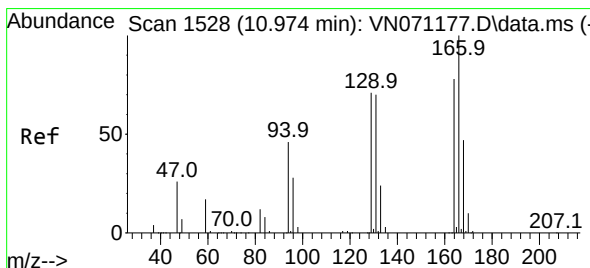
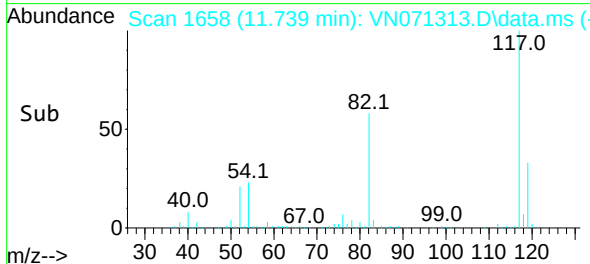
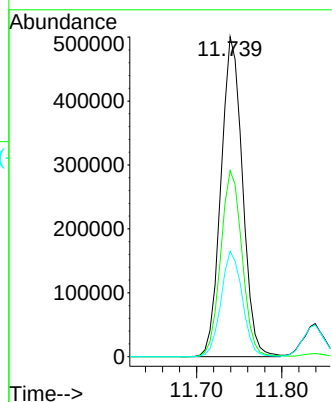
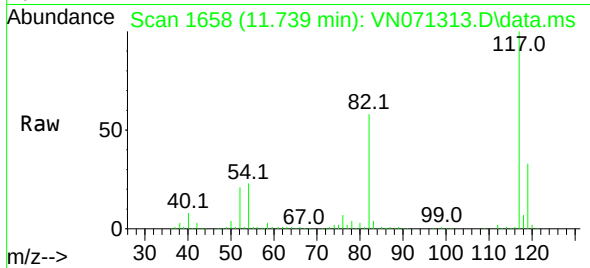




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

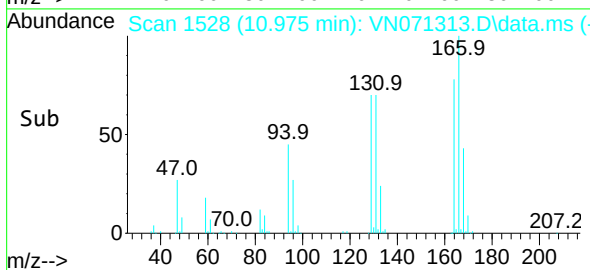
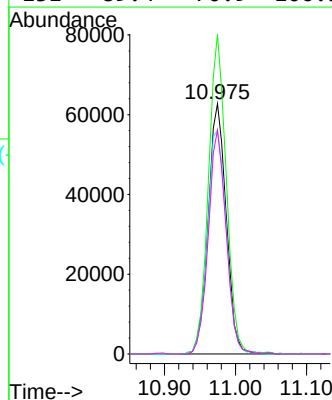
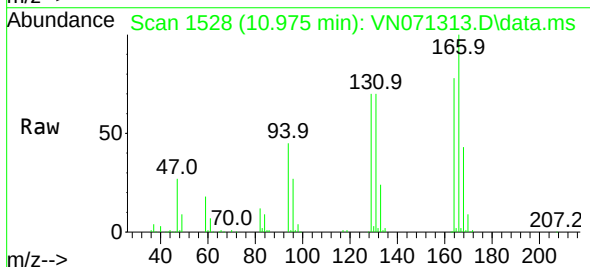
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

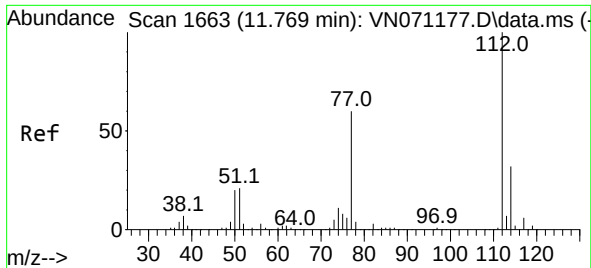
Tgt Ion:117 Resp: 878152
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 32.9 25.4 38.2



#64
Tetrachloroethene
Concen: 18.140 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.001 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion:164 Resp: 111097
Ion Ratio Lower Upper
164 100
166 127.8 101.9 152.9
129 89.5 72.0 108.0
131 89.4 70.9 106.3

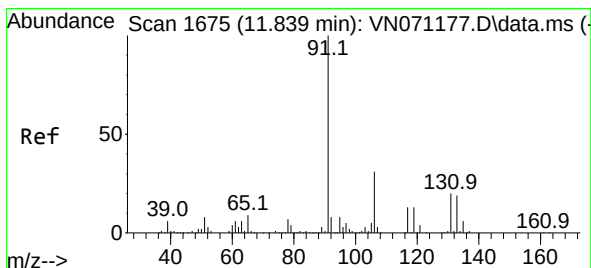
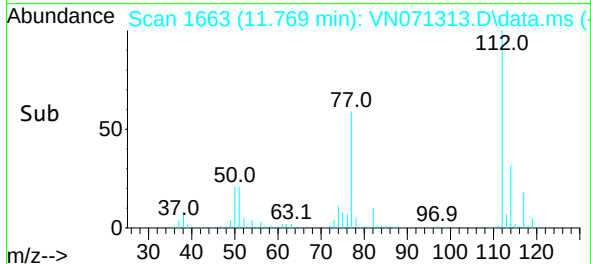
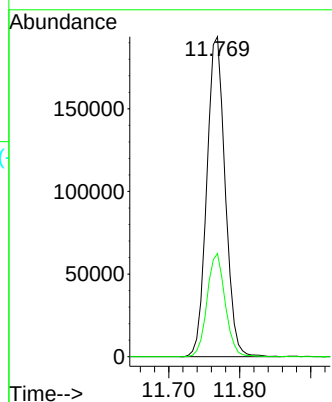
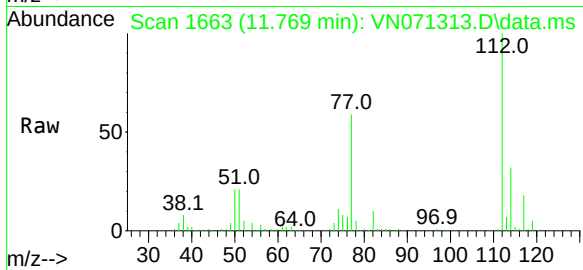




#65
Chlorobenzene
Concen: 18.440 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

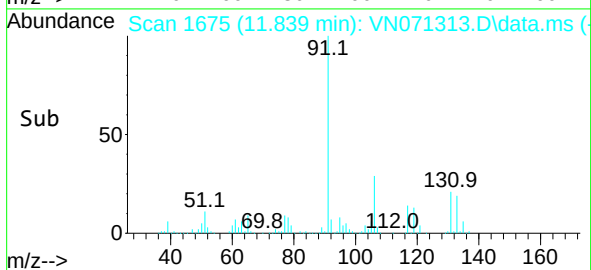
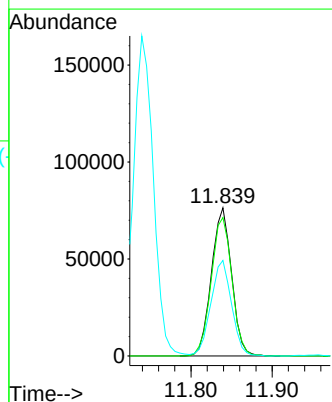
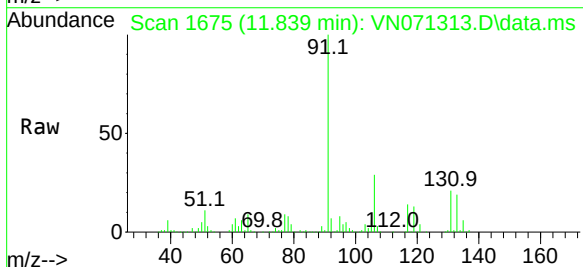
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

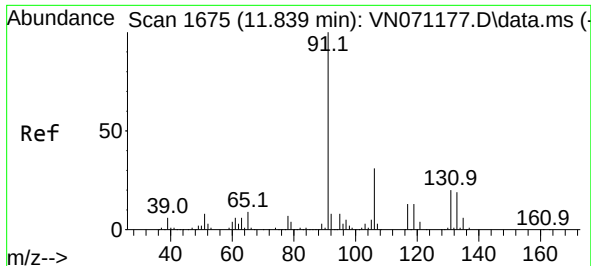
Tgt Ion:112 Resp: 347753
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.026 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion:131 Resp: 131568
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.7
119 66.1 32.1 96.5

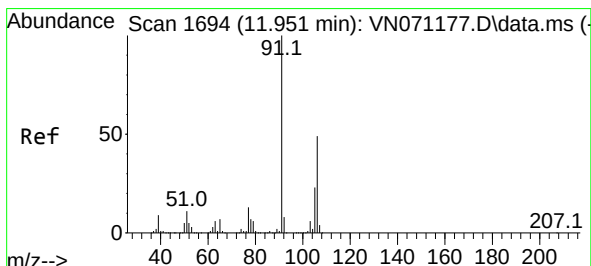
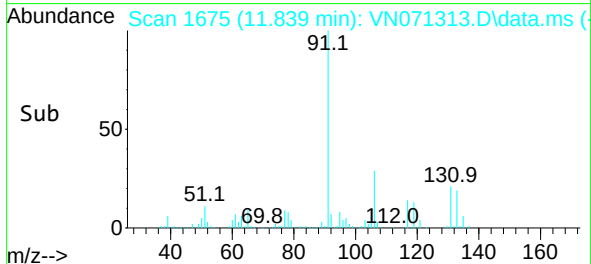
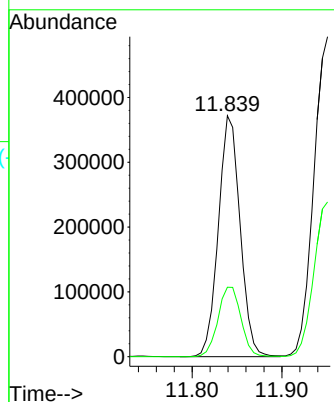
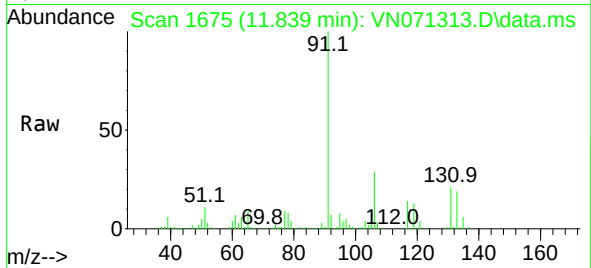




#67
Ethyl Benzene
Concen: 18.742 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

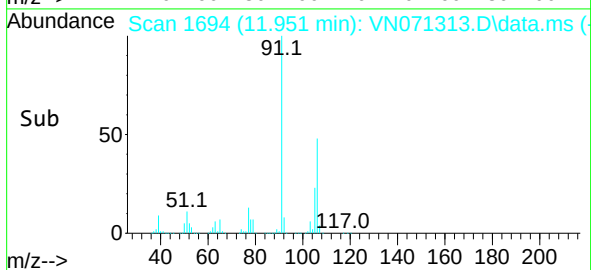
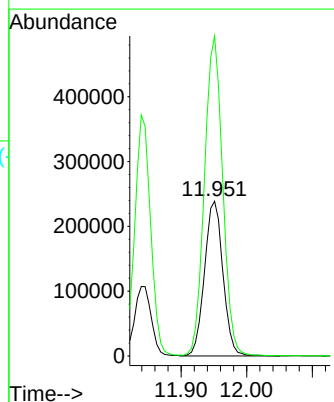
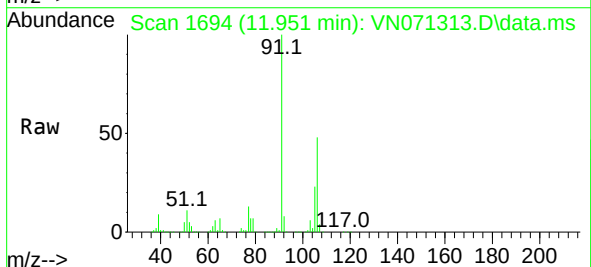
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

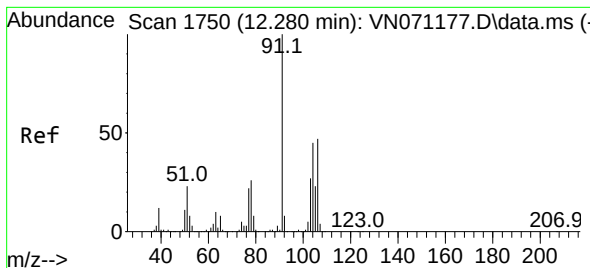
Tgt Ion: 91 Resp: 624938
Ion Ratio Lower Upper
91 100
106 28.9 25.7 38.5



#68
m/p-Xylenes
Concen: 38.277 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion:106 Resp: 466916
Ion Ratio Lower Upper
106 100
91 204.2 160.6 240.8

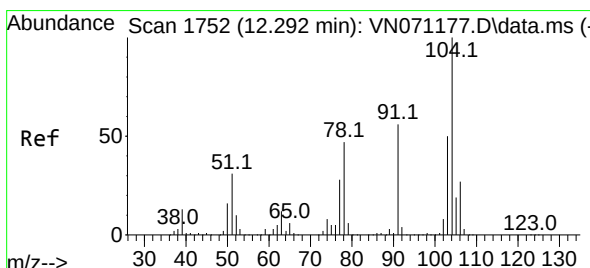
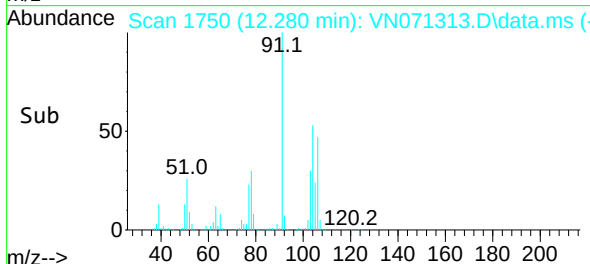
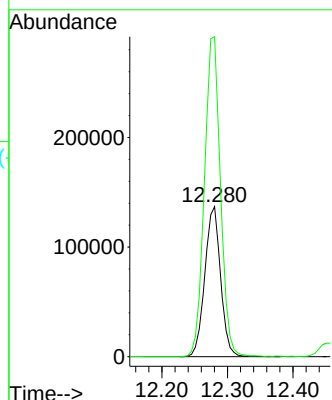
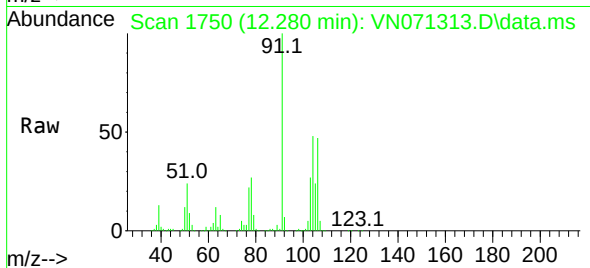




#69
o-Xylene
Concen: 18.774 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

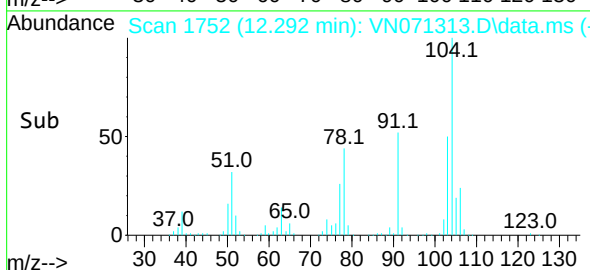
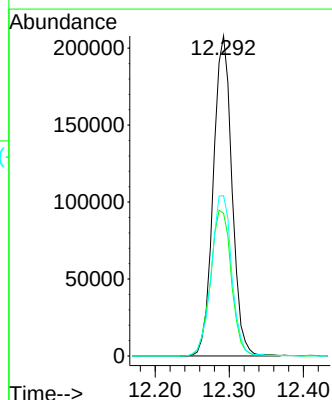
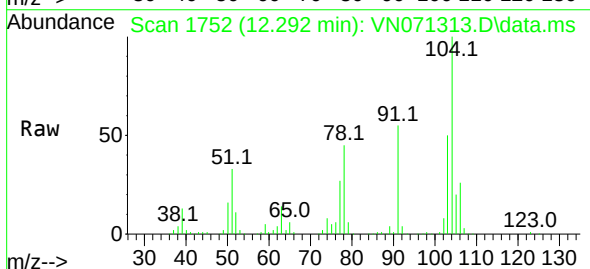
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

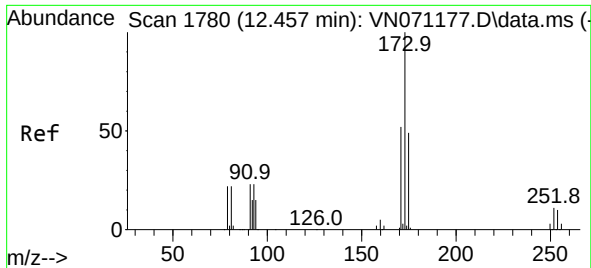
Tgt Ion:106 Resp: 229557
Ion Ratio Lower Upper
106 100
91 217.7 105.8 317.3



#70
Styrene
Concen: 19.200 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion:104 Resp: 363403
Ion Ratio Lower Upper
104 100
78 50.9 38.7 58.1
103 55.1 45.0 67.6

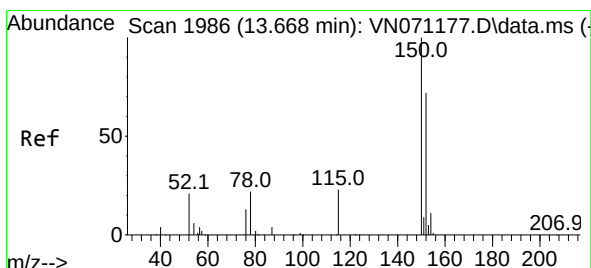
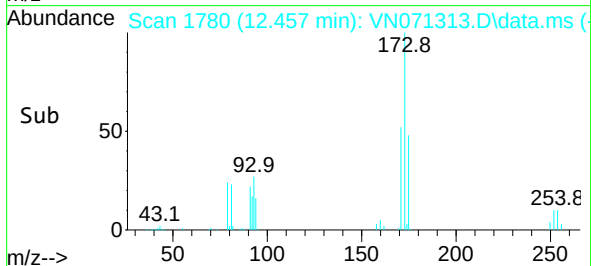
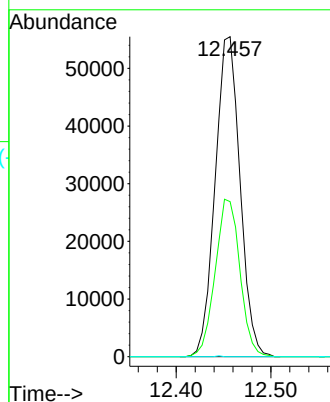
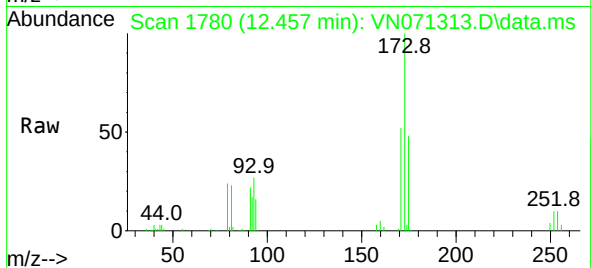




#71
Bromoform
Concen: 19.273 ug/l
RT: 12.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

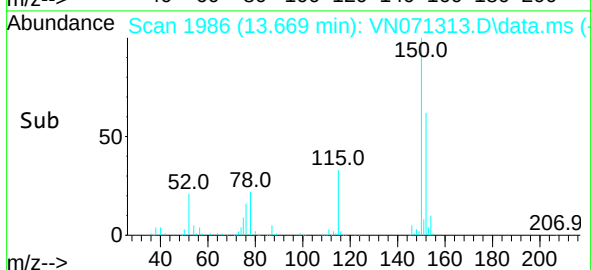
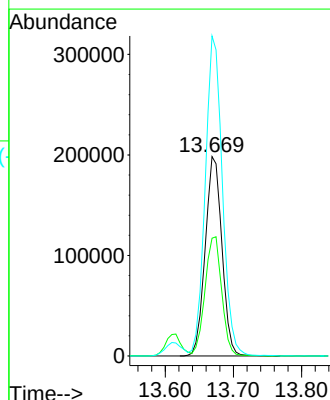
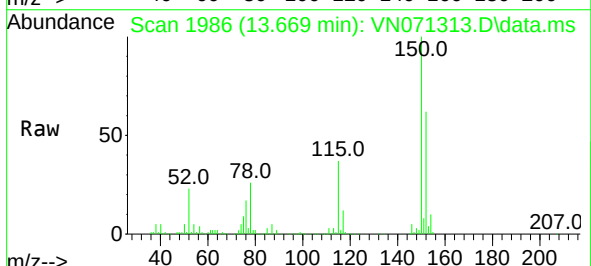
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

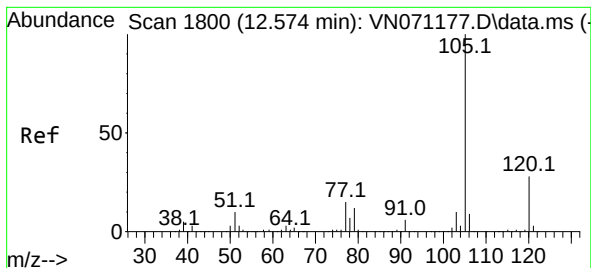
Tgt Ion:173 Resp: 101210
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion:152 Resp: 338467
Ion Ratio Lower Upper
152 100
115 59.9 27.5 82.5
150 164.6 0.0 344.4





#73

Isopropylbenzene

Concen: 18.063 ug/l

RT: 12.574 min Scan# 1800

Delta R.T. 0.000 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

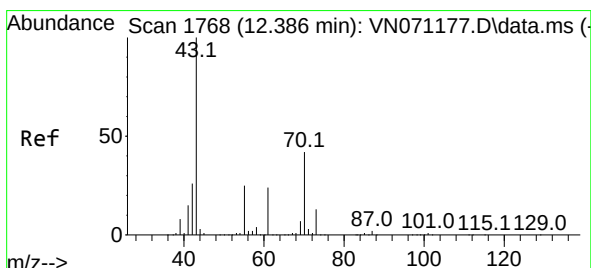
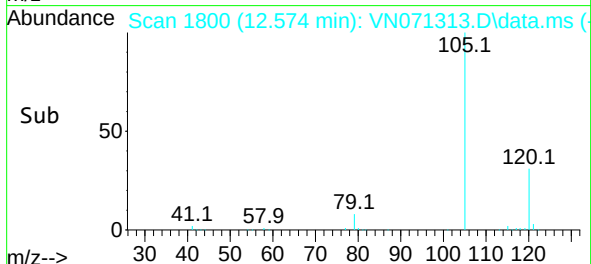
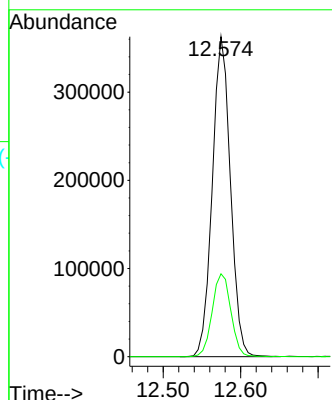
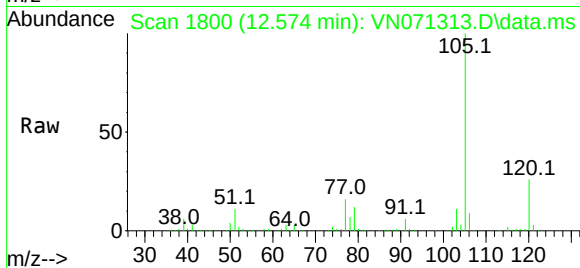
VN0316MBS01

Tgt Ion:105 Resp: 589355

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 19.353 ug/l

RT: 12.386 min Scan# 1768

Delta R.T. 0.000 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

Tgt Ion: 43 Resp: 237425

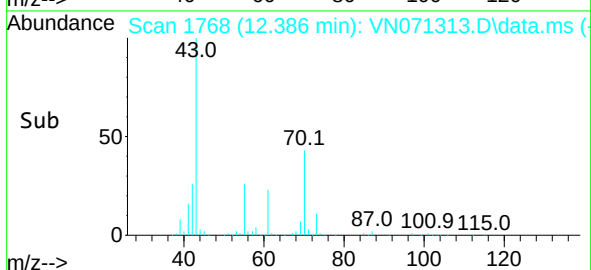
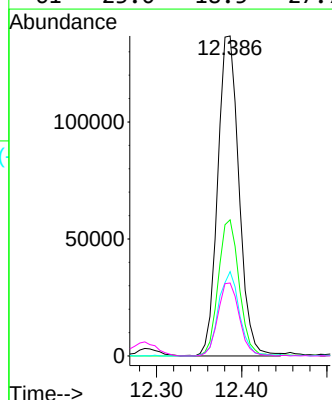
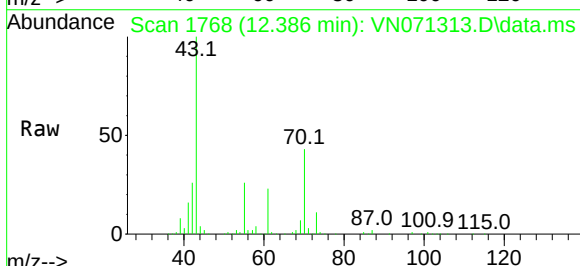
Ion Ratio Lower Upper

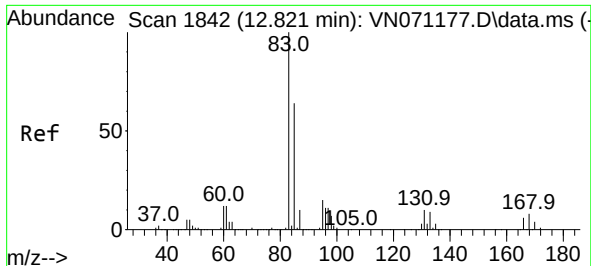
43 100

70 41.6 33.4 50.0

55 26.0 19.3 28.9

61 23.0 18.5 27.7

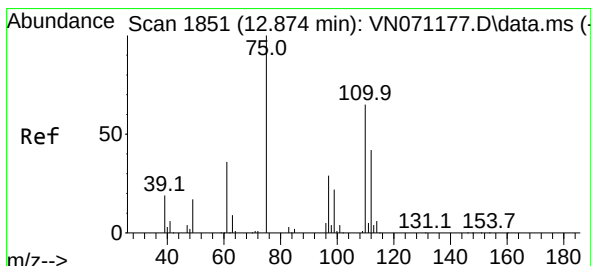
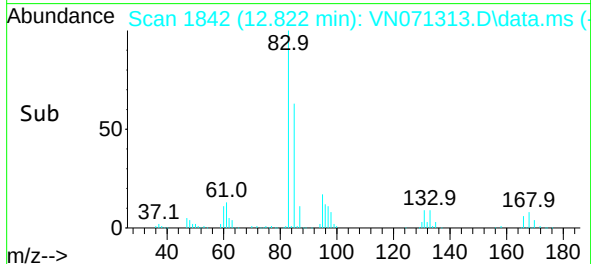
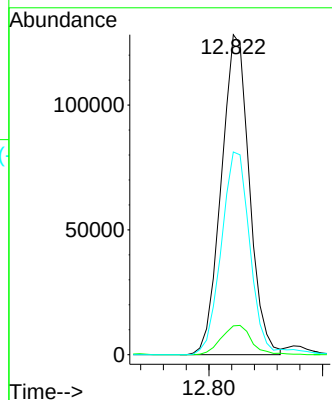
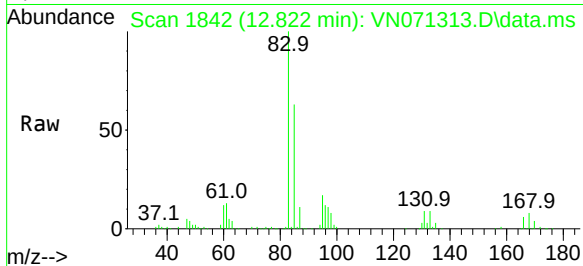




#75
1,1,2,2-Tetrachloroethane
Concen: 21.191 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.001 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

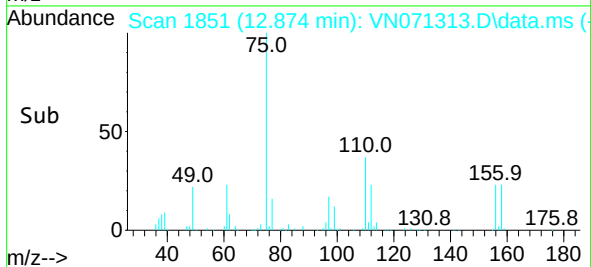
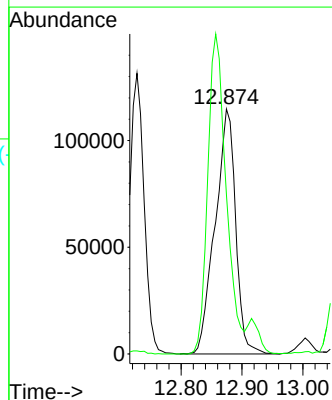
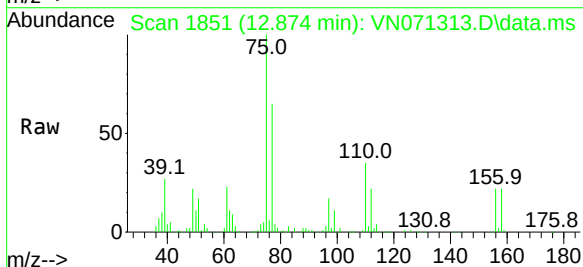
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

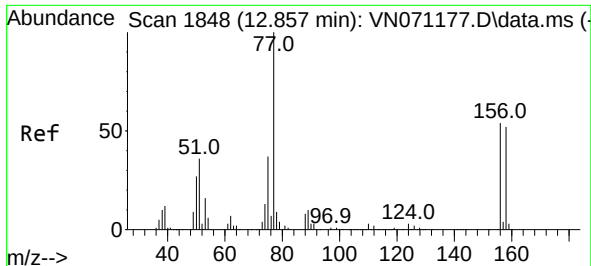
Tgt Ion: 83 Resp: 219773
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 65.8 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 31.762 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 75 Resp: 269001
Ion Ratio Lower Upper
75 100
77 117.4 82.6 247.8

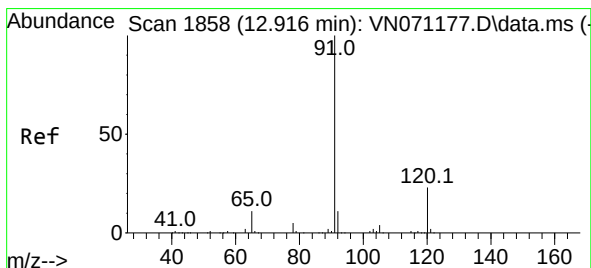
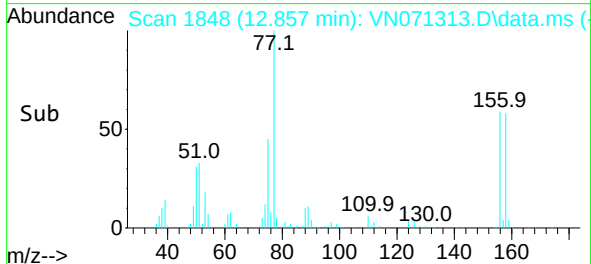
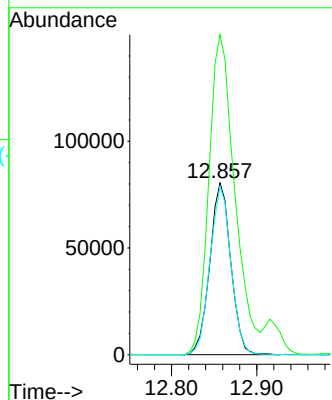
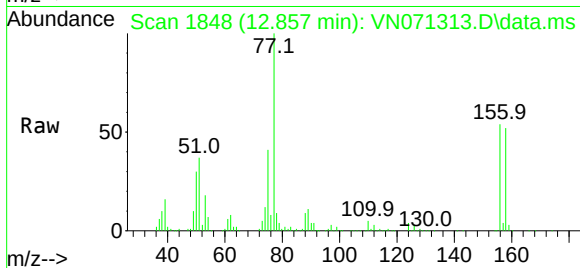




#77
Bromobenzene
Concen: 18.071 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

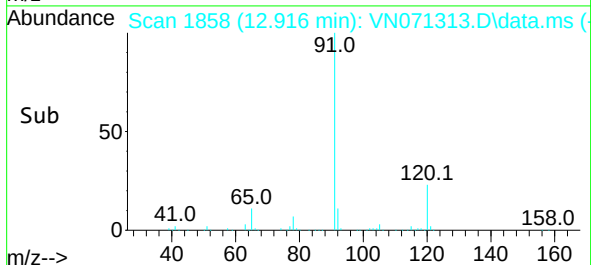
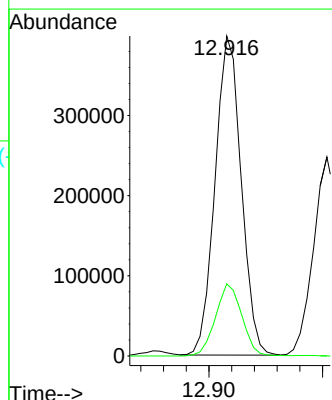
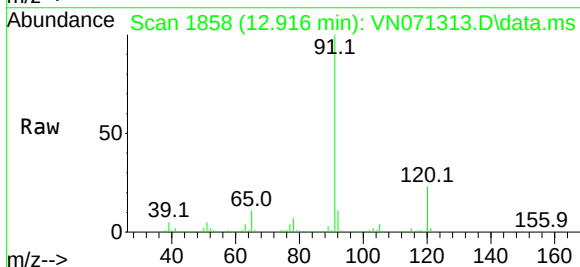
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

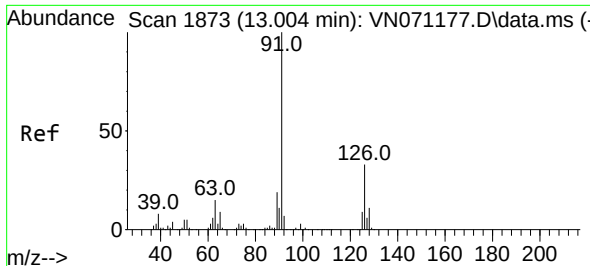
Tgt Ion:156 Resp: 137486
Ion Ratio Lower Upper
156 100
77 229.7 90.6 271.8
158 97.9 48.9 146.7



#78
n-propylbenzene
Concen: 18.175 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 91 Resp: 636344
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9

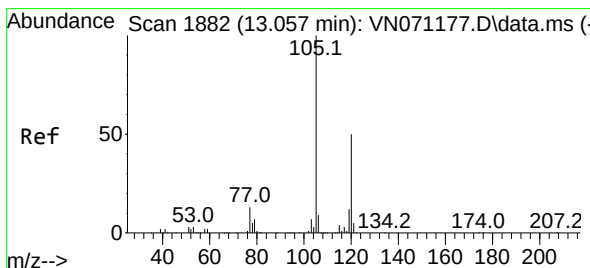
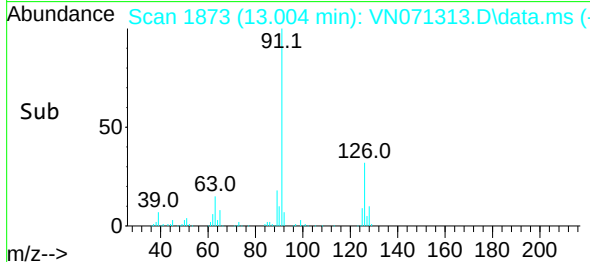
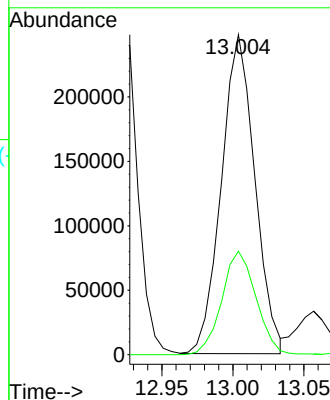
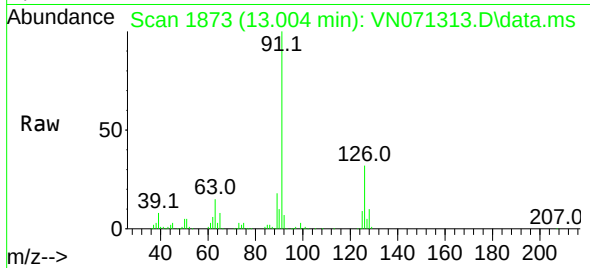




#79
2-Chlorotoluene
Concen: 18.045 ug/l
RT: 13.004 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

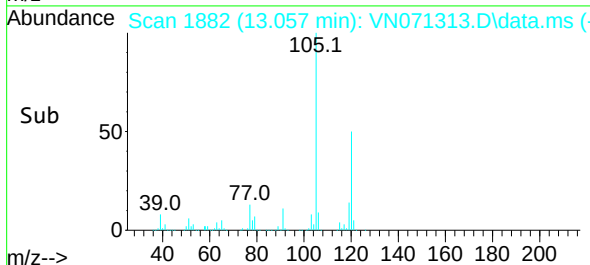
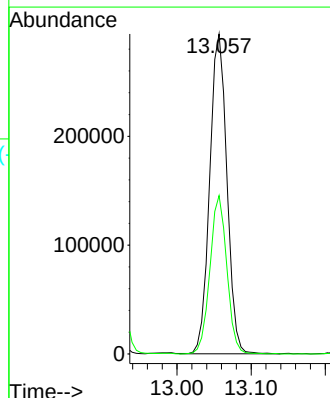
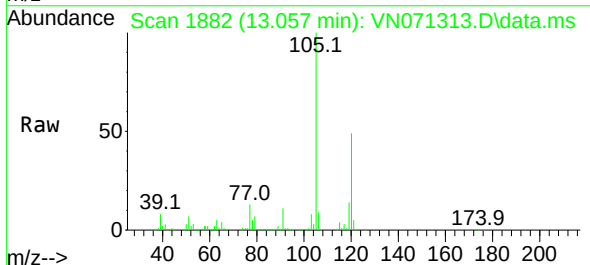
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

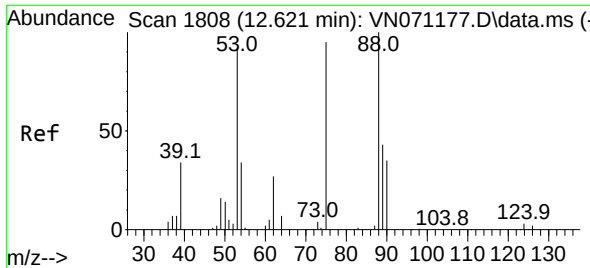
Tgt Ion: 91 Resp: 405552
Ion Ratio Lower Upper
91 100
126 33.3 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 18.640 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion:105 Resp: 473161
Ion Ratio Lower Upper
105 100
120 48.8 24.6 73.6

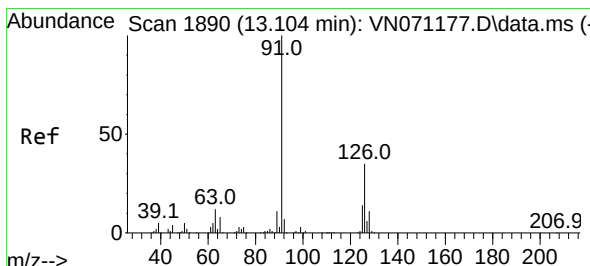
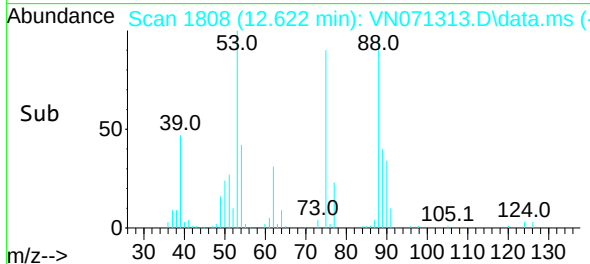
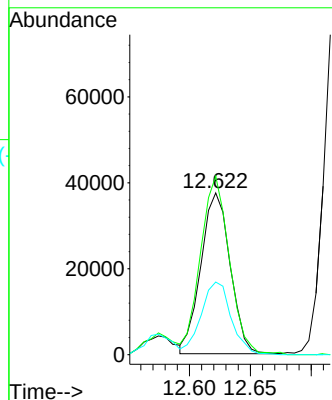
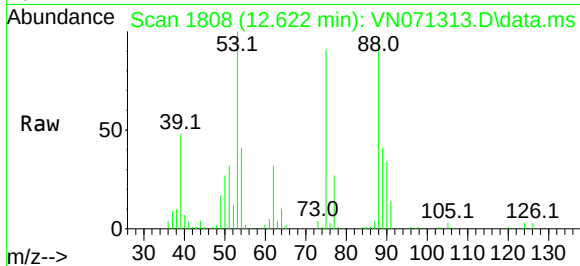




#81
trans-1,4-Dichloro-2-butene
Concen: 19.970 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

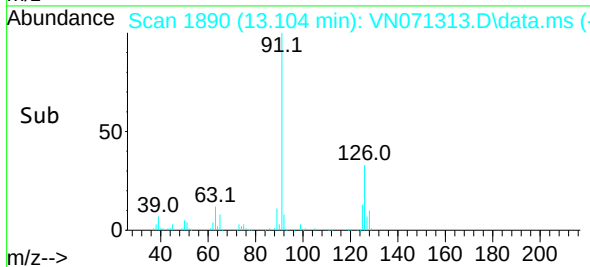
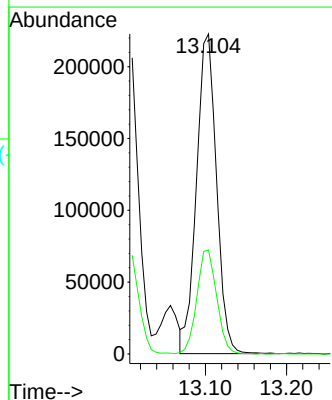
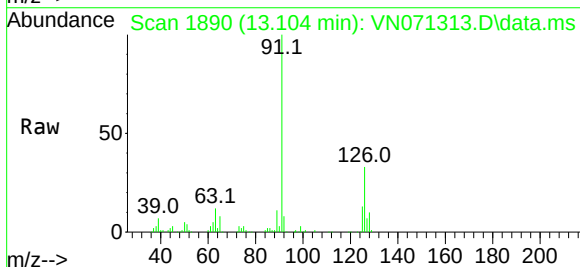
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

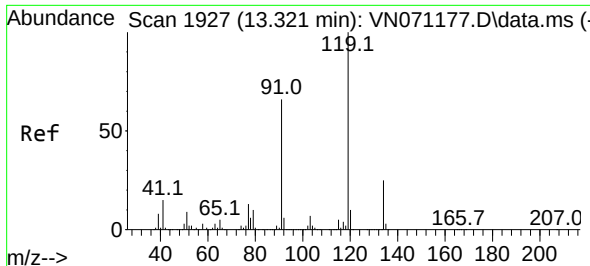
Tgt Ion: 75 Resp: 62528
Ion Ratio Lower Upper
75 100
53 109.8 90.5 135.7
89 46.6 38.2 57.4



#82
4-Chlorotoluene
Concen: 19.007 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 91 Resp: 380503
Ion Ratio Lower Upper
91 100
126 32.4 18.2 54.6

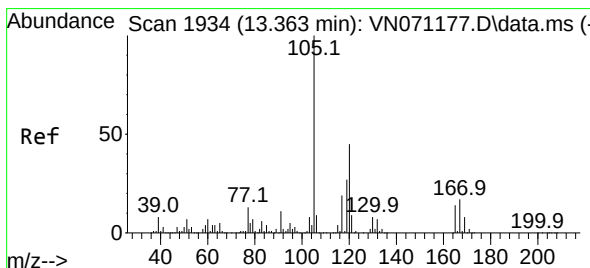
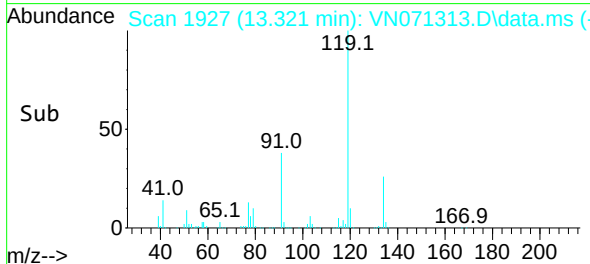
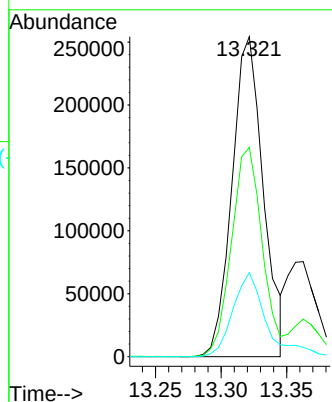
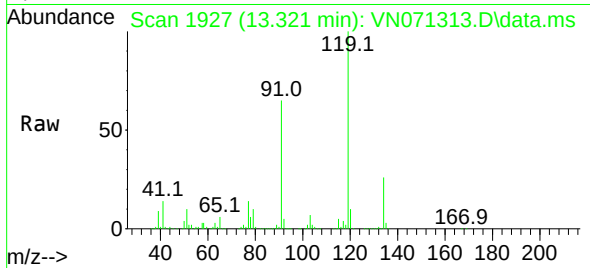




#83
 tert-Butylbenzene
 Concen: 18.640 ug/l
 RT: 13.321 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VN071313.D
 Acq: 16 Mar 2022 11:53

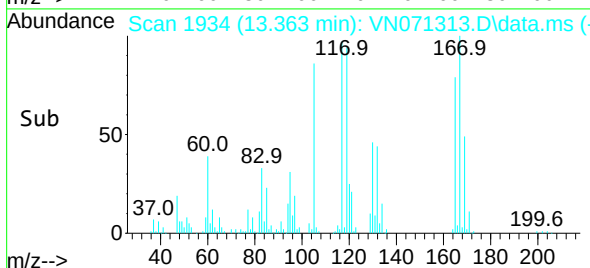
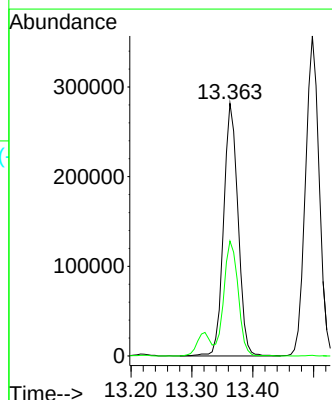
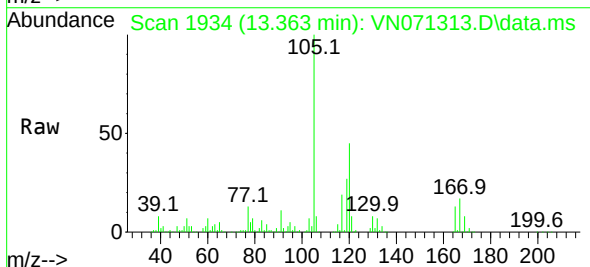
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316MBS01

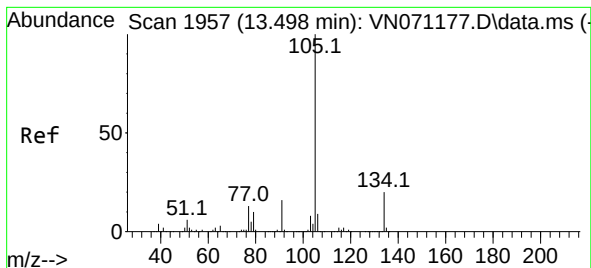
Tgt Ion:119 Resp: 422268
 Ion Ratio Lower Upper
 119 100
 91 65.6 31.5 94.5
 134 28.0 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.015 ug/l
 RT: 13.363 min Scan# 1934
 Delta R.T. -0.000 min
 Lab File: VN071313.D
 Acq: 16 Mar 2022 11:53

Tgt Ion:105 Resp: 462335
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.8 68.4





#85

sec-Butylbenzene

Concen: 18.547 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

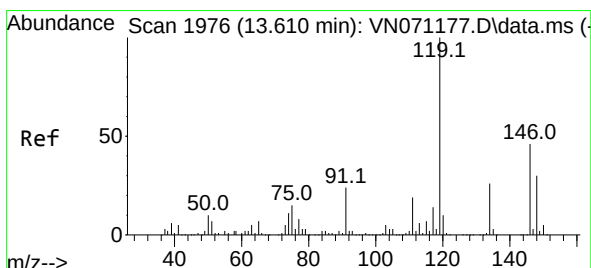
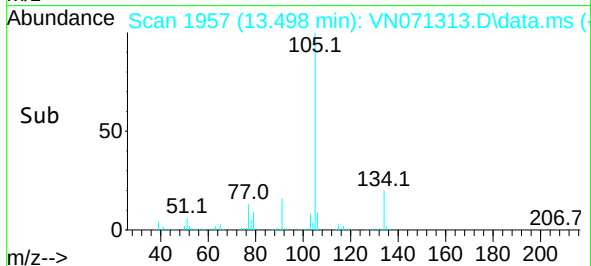
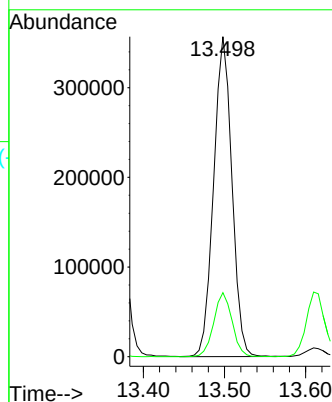
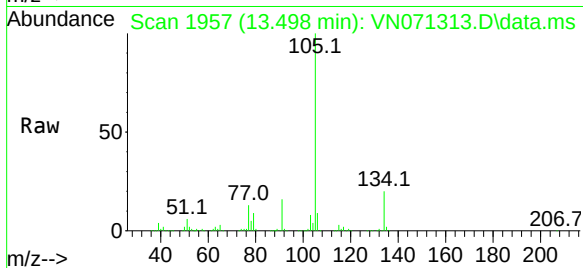
VN0316MBS01

Tgt Ion:105 Resp: 558459

Ion Ratio Lower Upper

105 100

134 20.1 10.4 31.1



#86

p-Isopropyltoluene

Concen: 18.811 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

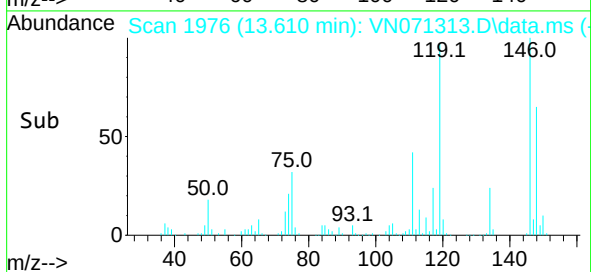
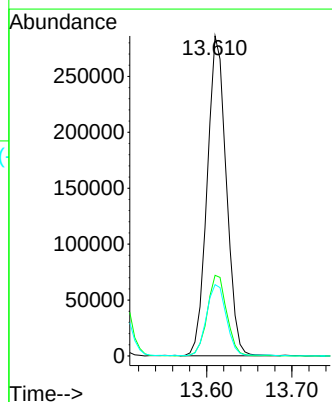
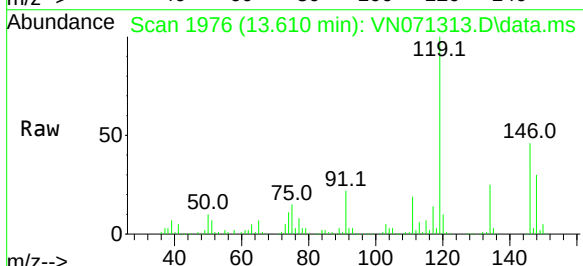
Tgt Ion:119 Resp: 445450

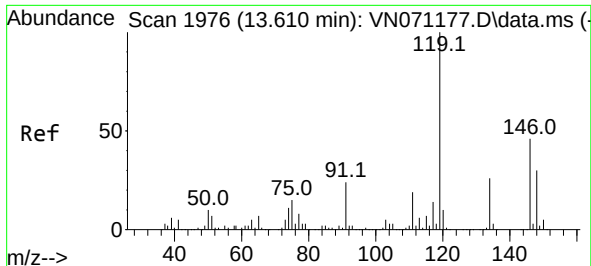
Ion Ratio Lower Upper

119 100

134 25.7 13.6 40.7

91 23.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.397 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0316MBS01

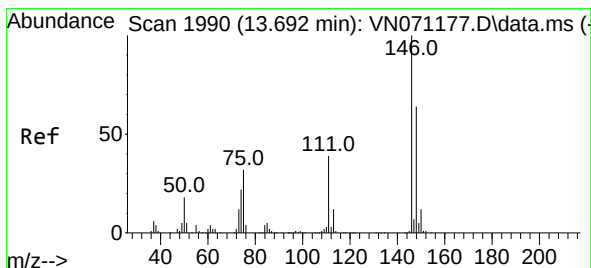
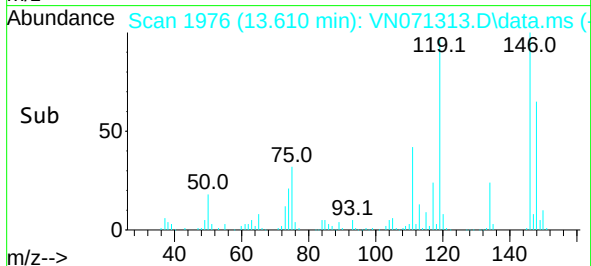
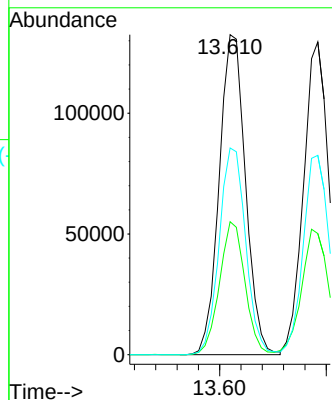
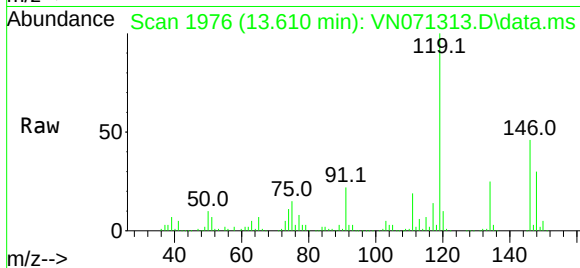
Tgt Ion:146 Resp: 227425

Ion Ratio Lower Upper

146 100

111 40.3 18.6 55.6

148 65.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 17.950 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

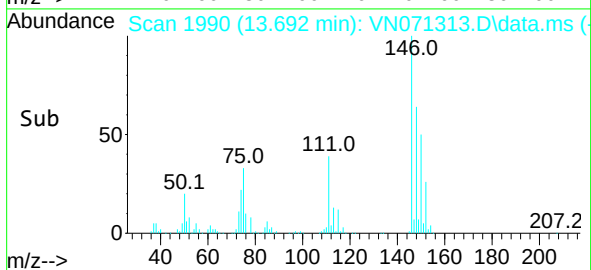
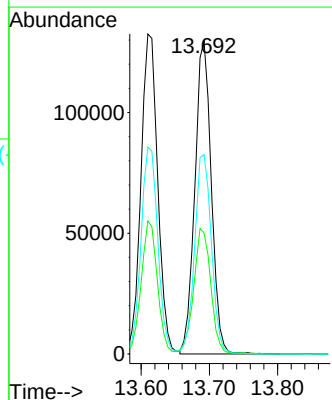
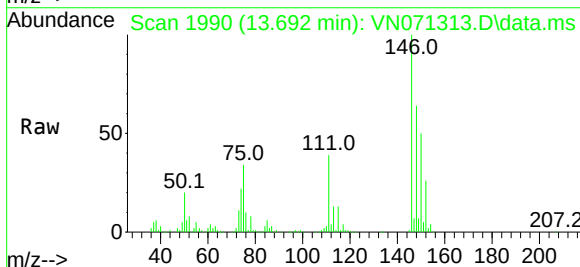
Tgt Ion:146 Resp: 216907

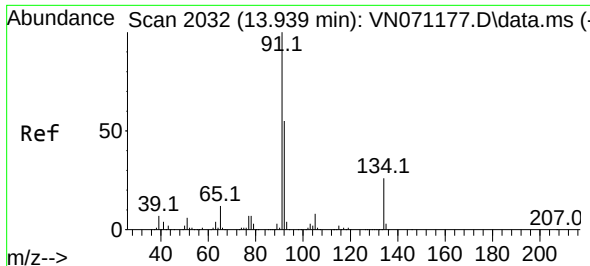
Ion Ratio Lower Upper

146 100

111 41.5 18.3 54.8

148 65.0 31.8 95.4

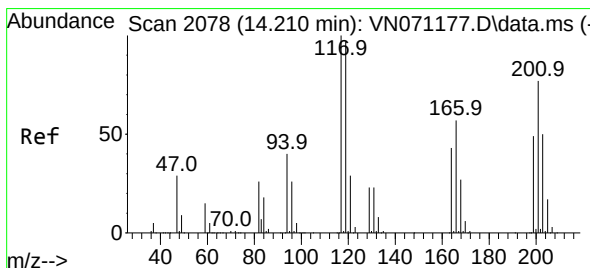
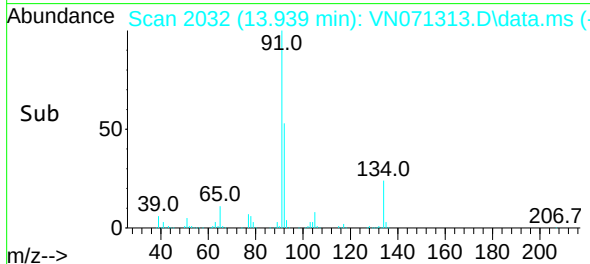
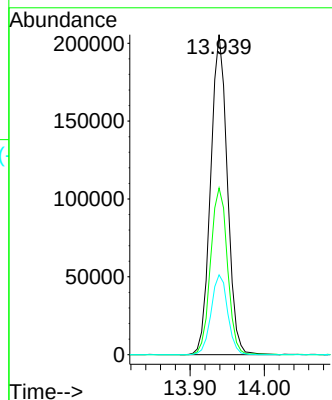
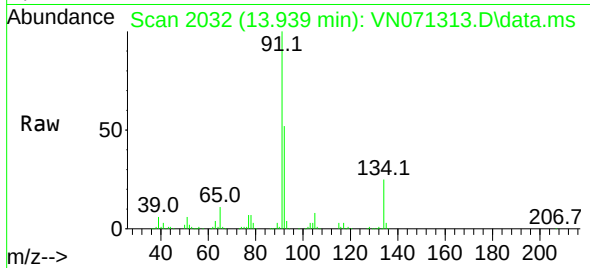




#89
n-Butylbenzene
Concen: 17.360 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

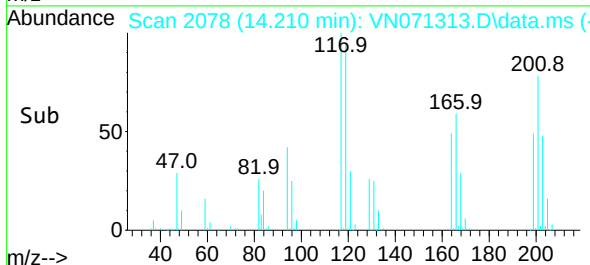
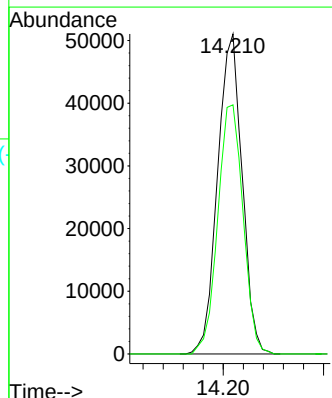
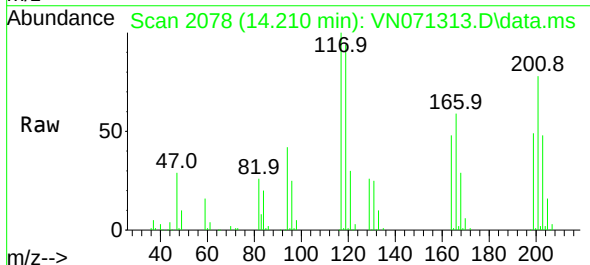
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

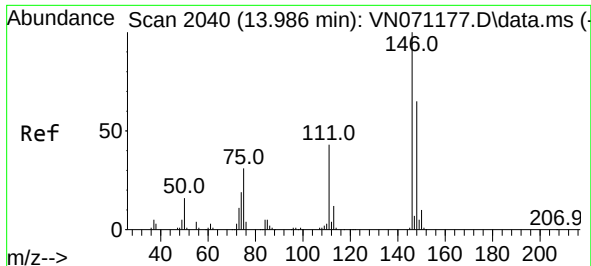
Tgt Ion: 91 Resp: 321520
Ion Ratio Lower Upper
91 100
92 52.7 25.4 76.0
134 24.7 13.6 40.8



#90
Hexachloroethane
Concen: 18.389 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 117 Resp: 86595
Ion Ratio Lower Upper
117 100
201 80.2 43.9 131.6

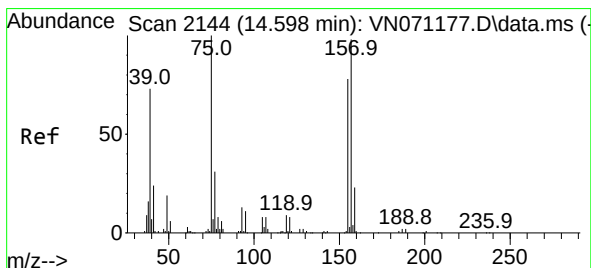
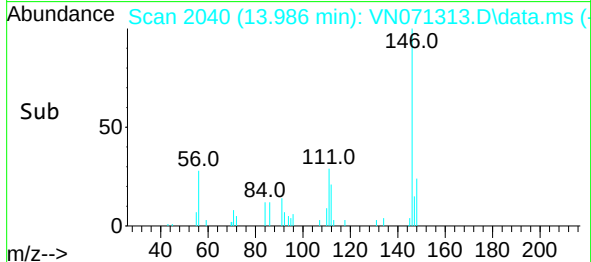
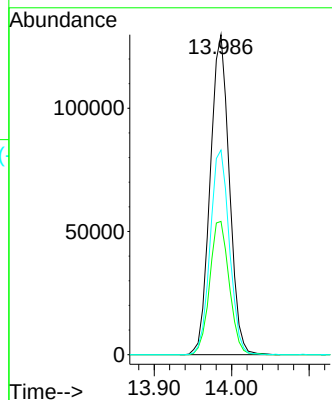
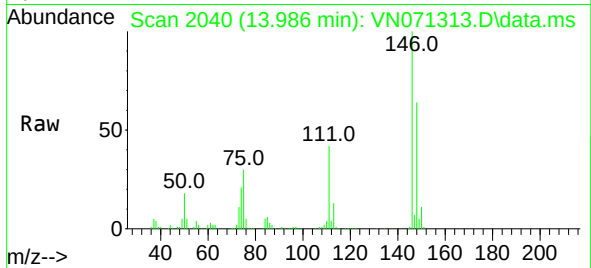




#91
1,2-Dichlorobenzene
Concen: 18.759 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

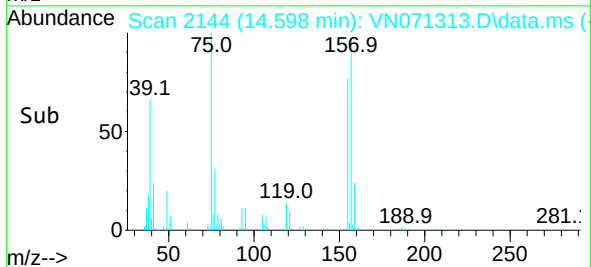
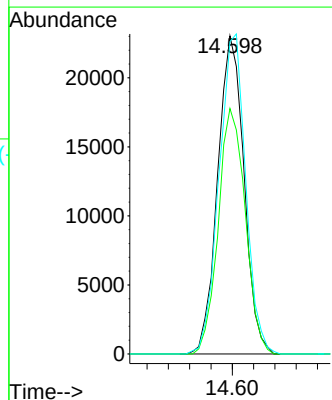
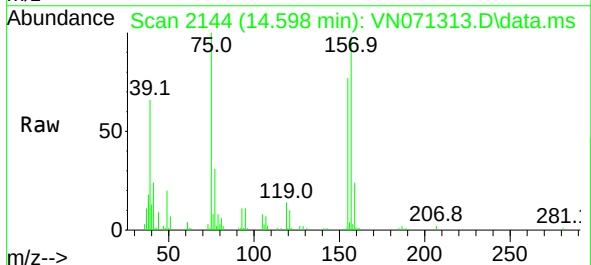
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

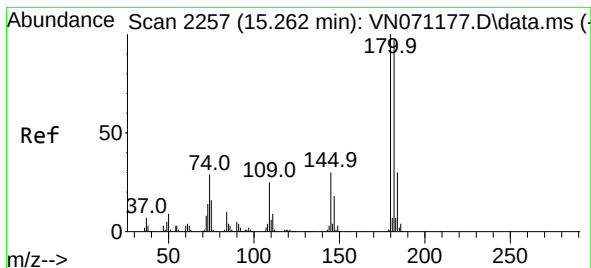
Tgt Ion:146 Resp: 222946
Ion Ratio Lower Upper
146 100
111 42.5 19.1 57.3
148 64.2 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.743 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071313.D
Acq: 16 Mar 2022 11:53

Tgt Ion: 75 Resp: 39379
Ion Ratio Lower Upper
75 100
155 79.2 46.9 140.7
157 101.9 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 18.296 ug/l

RT: 15.257 min Scan# 21

Delta R.T. -0.005 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0316MBS01

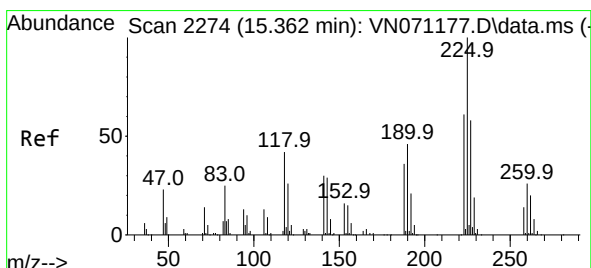
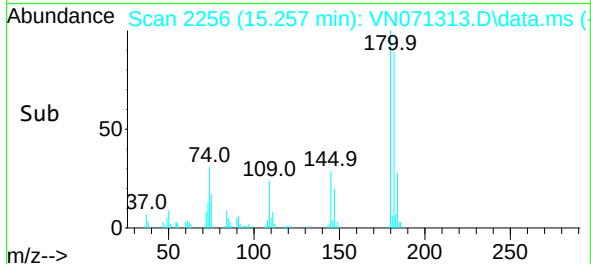
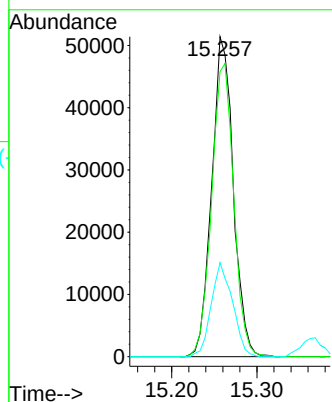
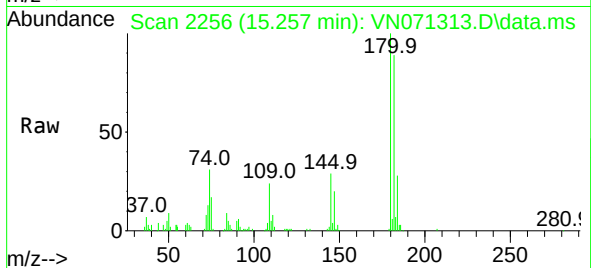
Tgt Ion:180 Resp: 90303

Ion Ratio Lower Upper

180 100

182 93.9 48.3 144.9

145 29.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 18.332 ug/l

RT: 15.368 min Scan# 2275

Delta R.T. 0.006 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

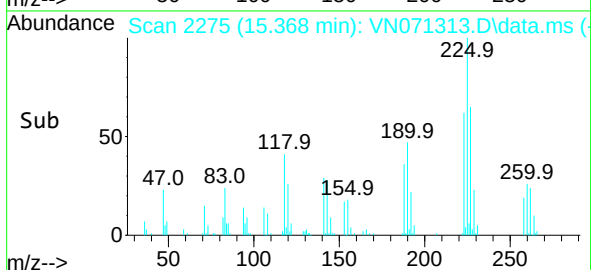
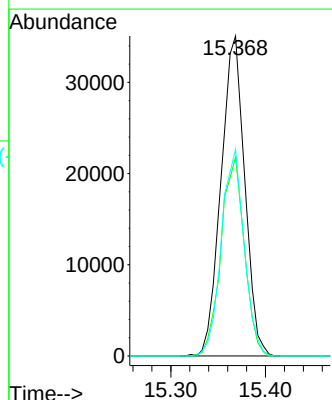
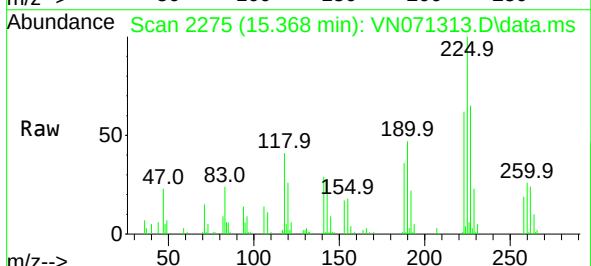
Tgt Ion:225 Resp: 61163

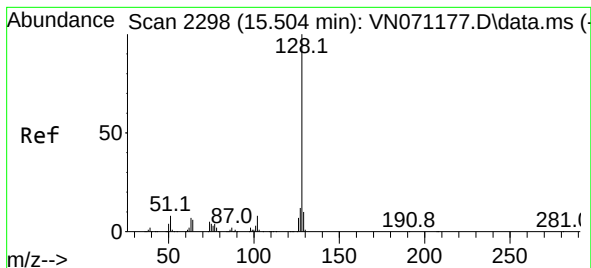
Ion Ratio Lower Upper

225 100

223 61.0 31.9 95.7

227 61.9 32.1 96.3





#95

Naphthalene

Concen: 19.208 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0316MBS01

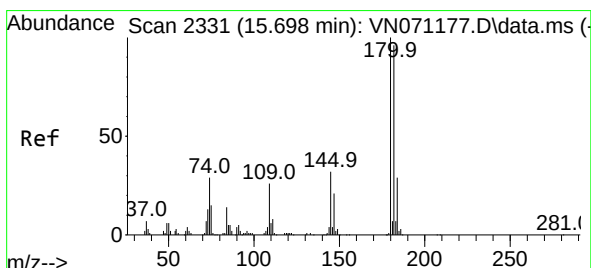
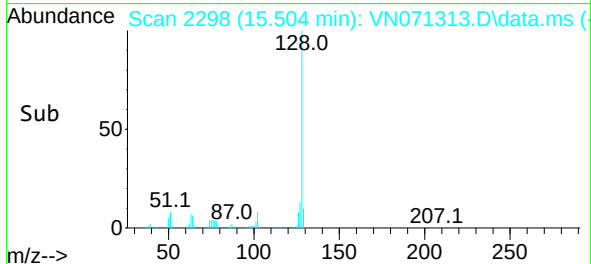
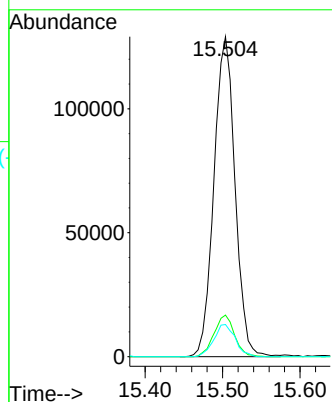
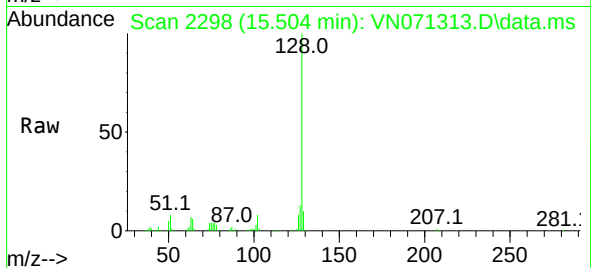
Tgt Ion:128 Resp: 244148

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 10.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.342 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. -0.000 min

Lab File: VN071313.D

Acq: 16 Mar 2022 11:53

Tgt Ion:180 Resp: 87742

Ion Ratio Lower Upper

180 100

182 97.0 47.4 142.2

145 33.0 15.0 45.1

