

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083022\
 Data File : VN074170.D
 Acq On : 30 Aug 2022 12:48
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 31 05:29:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 05:27:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	195754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	379135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	327875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	130753	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	17161	5.651	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	11.300%#
35) Dibromofluoromethane	7.951	113	12627	5.118	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.240%#
50) Toluene-d8	10.380	98	54278	5.587	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	11.180%#
62) 4-Bromofluorobenzene	12.674	95	13243	4.482	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	8.960%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	12528	5.802	ug/l	92
3) Chloromethane	2.269	50	14871	5.148	ug/l #	87
4) Vinyl Chloride	2.404	62	14454	5.049	ug/l	98
5) Bromomethane	2.787	94	8734	5.635	ug/l	91
6) Chloroethane	2.946	64	13857	5.875	ug/l #	83
7) Trichlorofluoromethane	3.310	101	22395	5.057	ug/l	93
8) Diethyl Ether	3.775	74	11042	6.140	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.134	101	15467	6.197	ug/l	94
10) Methyl Iodide	4.351	142	9475	4.743	ug/l #	82
11) Tert butyl alcohol	5.304	59	24052	32.391	ug/l #	87
12) 1,1-Dichloroethene	4.110	96	14008	6.014	ug/l #	90
13) Acrolein	3.975	56	18946	28.224	ug/l	93
14) Allyl chloride	4.763	41	31975	5.988	ug/l #	92
15) Acrylonitrile	5.481	53	63829	29.351	ug/l	99
16) Acetone	4.222	43	64310	31.533	ug/l	89
17) Carbon Disulfide	4.457	76	39749	6.058	ug/l #	91
18) Methyl Acetate	4.781	43	38156	6.208	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	53458	6.177	ug/l	98
20) Methylene Chloride	4.998	84	9614	3.117	ug/l #	82
21) trans-1,2-Dichloroethene	5.522	96	15617	5.991	ug/l #	86
22) Diisopropyl ether	6.416	45	60723	5.967	ug/l #	90
23) Vinyl Acetate	6.351	43	251436	28.872	ug/l	99
24) 1,1-Dichloroethane	6.298	63	32081	6.098	ug/l	97
25) 2-Butanone	7.263	43	87978	26.106	ug/l #	86
26) 2,2-Dichloropropane	7.245	77	19471	5.464	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	14931	5.272	ug/l	81
28) Bromochloromethane	7.580	49	13164	6.527	ug/l #	80
29) Tetrahydrofuran	7.622	42	53921	25.646	ug/l #	81
30) Chloroform	7.745	83	30626	5.717	ug/l #	83
31) Cyclohexane	8.016	56	29633	5.906	ug/l #	73
32) 1,1,1-Trichloroethane	7.945	97	20719	5.098	ug/l #	90
36) 1,1-Dichloropropene	8.151	75	18047	4.399	ug/l	100
37) Ethyl Acetate	7.333	43	35698	5.375	ug/l #	93
38) Carbon Tetrachloride	8.139	117	15627	4.106	ug/l	98
39) Methylcyclohexane	9.392	83	22552	4.971	ug/l #	86
40) Benzene	8.386	78	59237	4.776	ug/l	94

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	15509	4.967	ug/l #	87
42) 1,2-Dichloroethane	8.463	62	21730	4.780	ug/l	92
43) Isopropyl Acetate	8.498	43	40798	4.578	ug/l #	96
44) Trichloroethene	9.145	130	13783	5.015	ug/l	99
45) 1,2-Dichloropropane	9.427	63	19149	5.583	ug/l	92
46) Dibromomethane	9.516	93	13784	6.304	ug/l #	85
47) Bromodichloromethane	9.704	83	27430	6.301	ug/l #	83
48) Methyl methacrylate	9.498	41	22732	5.546	ug/l #	84
49) 1,4-Dioxane	9.516	88	9267	100.533	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	177720	27.912	ug/l	88
52) Toluene	10.445	92	41827	5.747	ug/l	96
53) t-1,3-Dichloropropene	10.657	75	22347	5.452	ug/l	96
54) cis-1,3-Dichloropropene	10.127	75	27454	5.747	ug/l	95
55) 1,1,2-Trichloroethane	10.839	97	18681	5.881	ug/l	92
56) Ethyl methacrylate	10.704	69	25282	5.312	ug/l #	79
57) 1,3-Dichloropropane	10.986	76	32892	5.896	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	65499	27.082	ug/l	91
59) 2-Hexanone	11.027	43	135103	27.382	ug/l	83
60) Dibromochloromethane	11.180	129	15464	5.149	ug/l	98
61) 1,2-Dibromoethane	11.280	107	15154	4.929	ug/l	98
64) Tetrachloroethene	10.916	164	14128	6.011	ug/l	86
65) Chlorobenzene	11.710	112	34254	4.605	ug/l	89
66) 1,1,1,2-Tetrachloroethane	11.786	131	13375	4.915	ug/l	95
67) Ethyl Benzene	11.786	91	62341	4.792	ug/l	95
68) m/p-Xylenes	11.892	106	43153	9.063	ug/l	85
69) o-Xylene	12.221	106	24222	4.982	ug/l	94
70) Styrene	12.233	104	35496	4.584	ug/l	92
71) Bromoform	12.392	173	11242	5.265	ug/l #	99
73) Isopropylbenzene	12.515	105	57545	5.218	ug/l	98
74) N-amyl acetate	12.327	43	32168	5.297	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.768	83	24498	5.242	ug/l	97
76) 1,2,3-Trichloropropane	12.821	75	31946	6.588	ug/l #	1
77) Bromobenzene	12.798	156	13906	5.473	ug/l	77
78) n-propylbenzene	12.857	91	60898	4.752	ug/l	96
79) 2-Chlorotoluene	12.945	91	40069	5.101	ug/l	94
80) 1,3,5-Trimethylbenzene	12.998	105	45405	4.921	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.563	75	6555	5.204	ug/l #	71
82) 4-Chlorotoluene	13.045	91	36892	4.832	ug/l	100
83) tert-Butylbenzene	13.262	119	39065	5.006	ug/l	86
84) 1,2,4-Trimethylbenzene	13.310	105	41306	4.743	ug/l	98
85) sec-Butylbenzene	13.445	105	51178	4.653	ug/l	94
86) p-Isopropyltoluene	13.557	119	37738	4.535	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	21849	4.565	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	23917	4.894	ug/l	91
89) n-Butylbenzene	13.880	91	31667	4.189	ug/l	92
90) Hexachloroethane	14.145	117	8667	5.176	ug/l	87
91) 1,2-Dichlorobenzene	13.927	146	22101	4.593	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.539	75	4596	4.634	ug/l	91
93) 1,2,4-Trichlorobenzene	15.198	180	9291	3.996	ug/l	91
94) Hexachlorobutadiene	15.304	225	5360	4.457	ug/l	90
95) Naphthalene	15.433	128	34621	4.060	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.627	180	11186	4.466	ug/l	90

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Wed Aug 31 05:27:05 2022
Response via : Initial Calibration

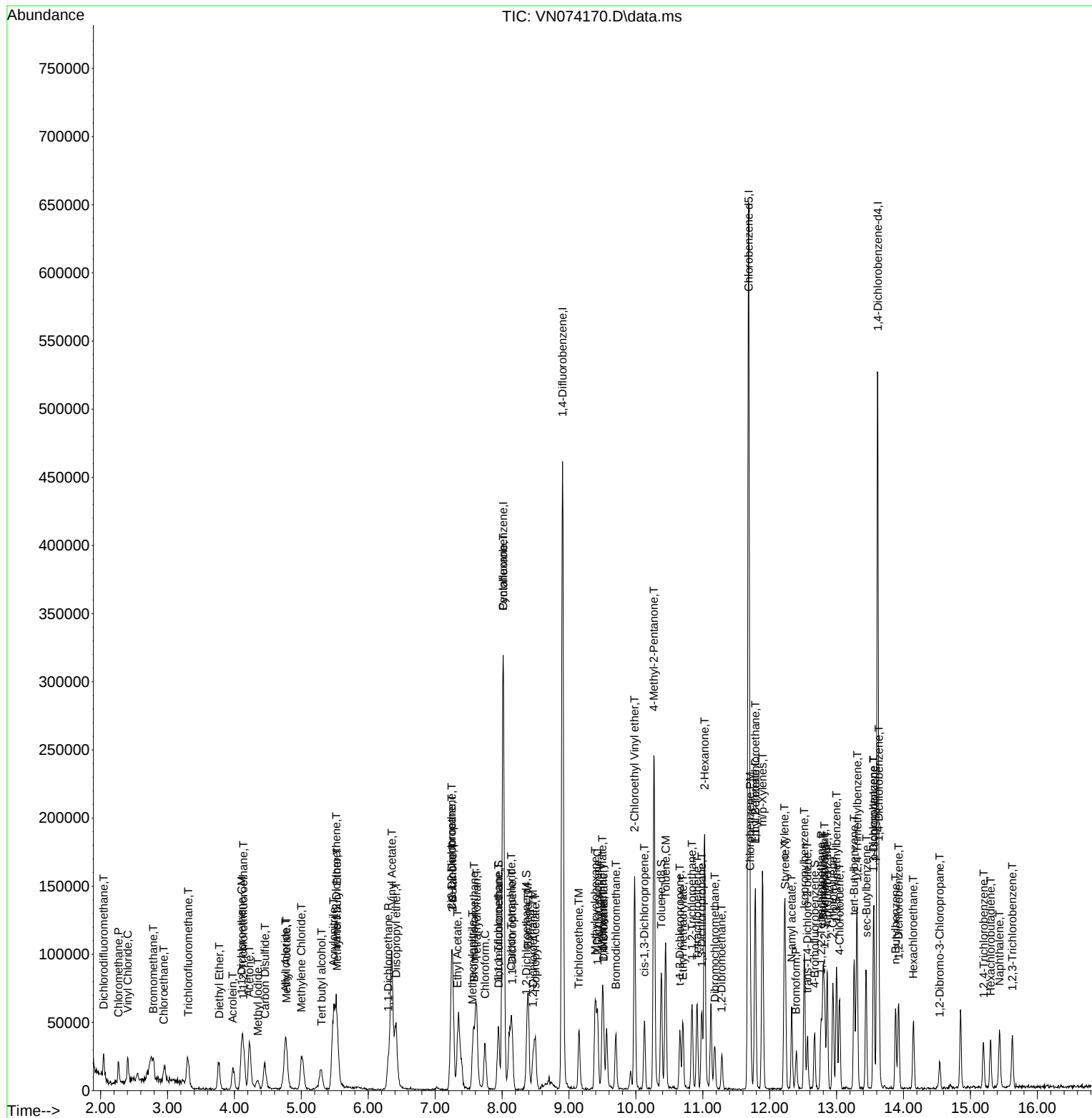
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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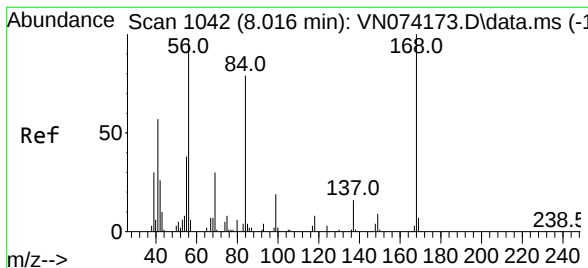
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 Data File : VN074170.D
 Acq On : 30 Aug 2022 12:48
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 Sample : VSTDIC005
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
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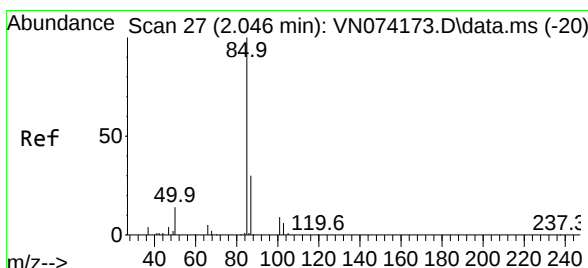
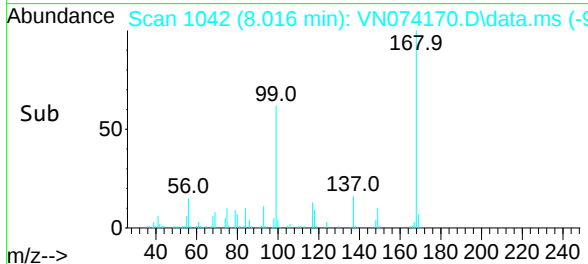
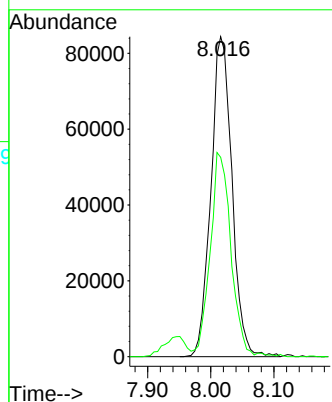
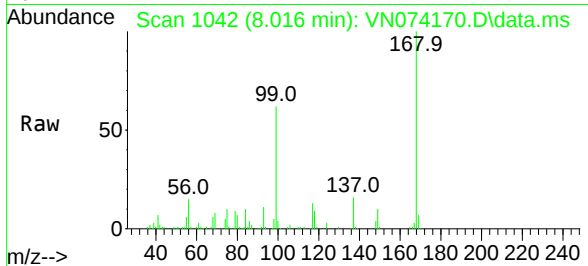




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074170.D
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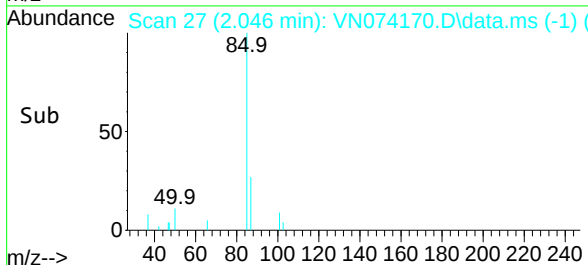
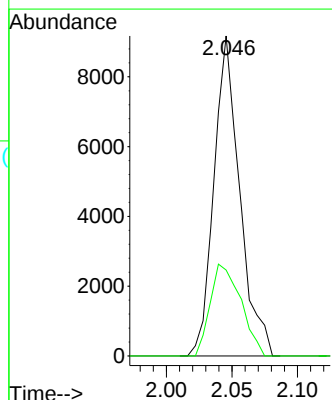
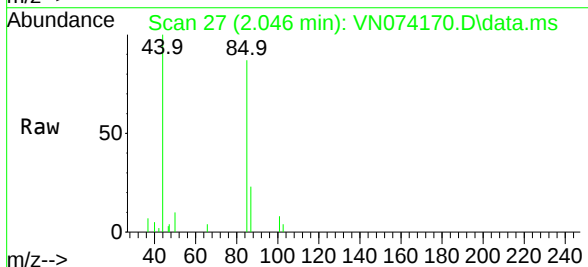
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

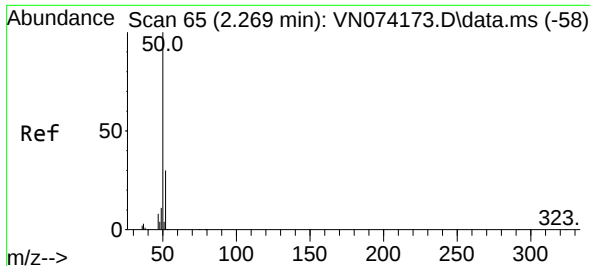
Tgt Ion:168 Resp: 195754
Ion Ratio Lower Upper
168 100
99 61.6 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 5.802 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 85 Resp: 12528
Ion Ratio Lower Upper
85 100
87 26.9 15.7 47.1

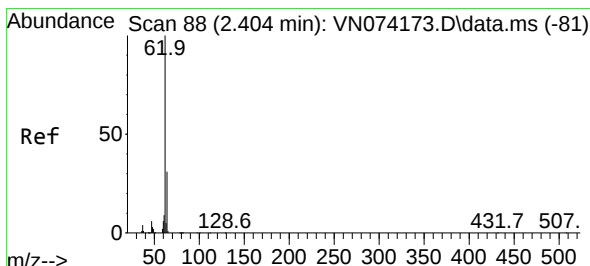
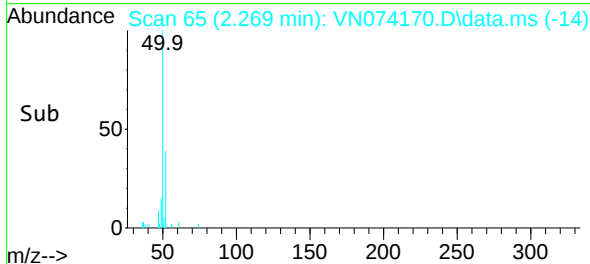
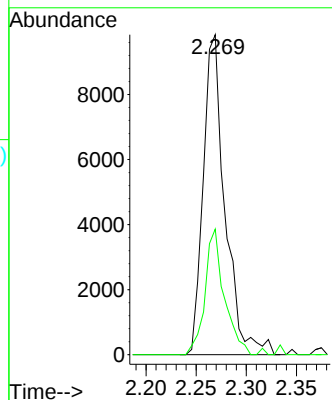
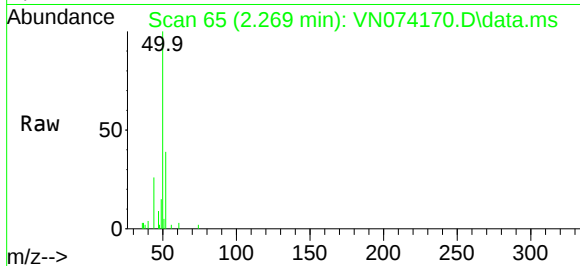




#3
Chloromethane
Concen: 5.148 ug/l
RT: 2.269 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

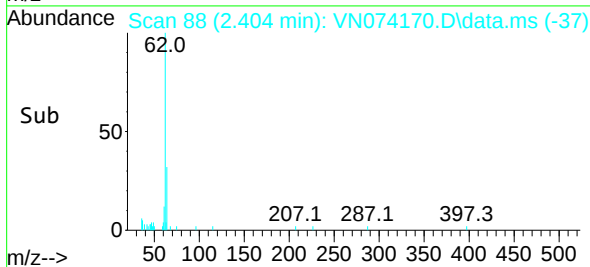
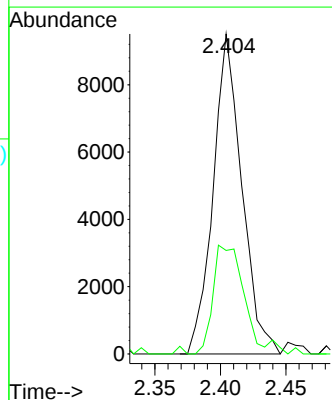
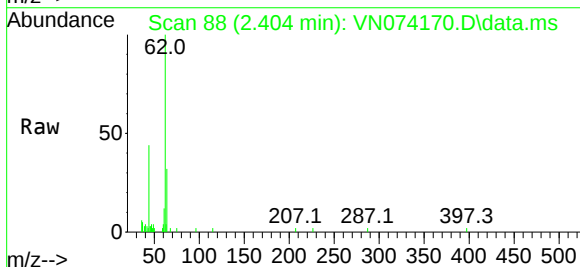
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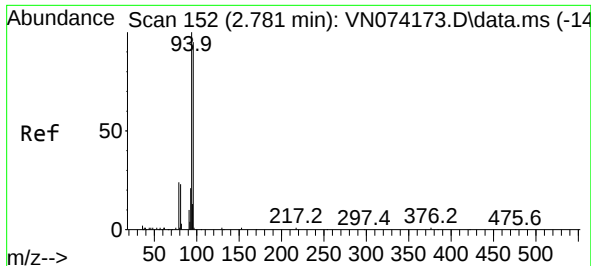
Tgt Ion: 50 Resp: 14871
Ion Ratio Lower Upper
50 100
52 39.3 25.7 38.5#



#4
Vinyl Chloride
Concen: 5.049 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 62 Resp: 14454
Ion Ratio Lower Upper
62 100
64 30.4 25.0 37.4

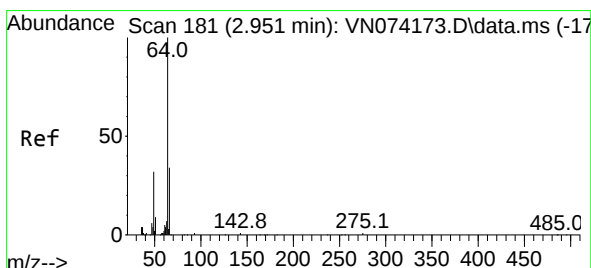
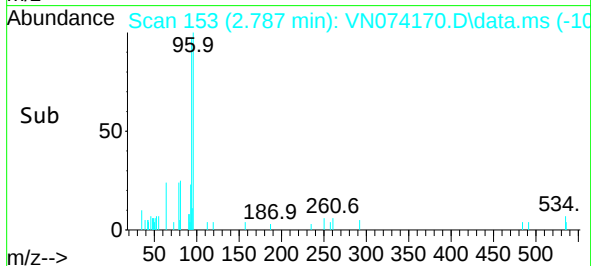
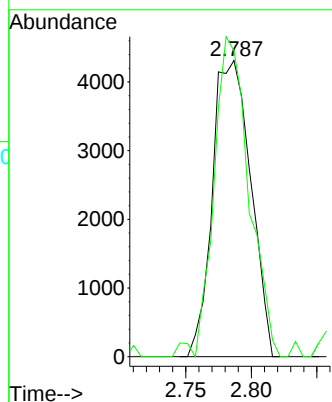
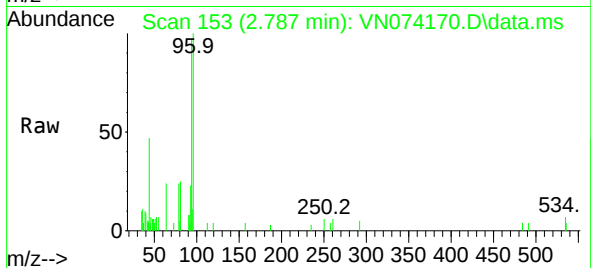




#5
Bromomethane
Concen: 5.635 ug/l
RT: 2.787 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074170.D
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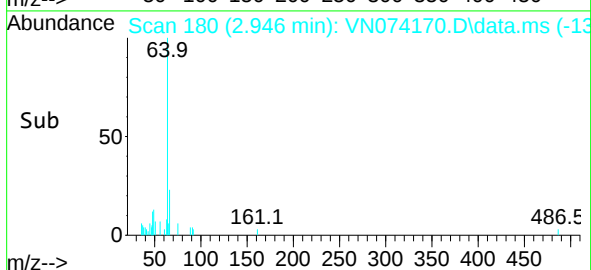
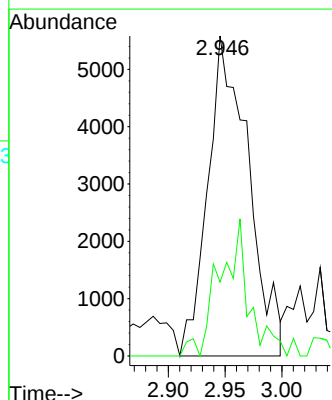
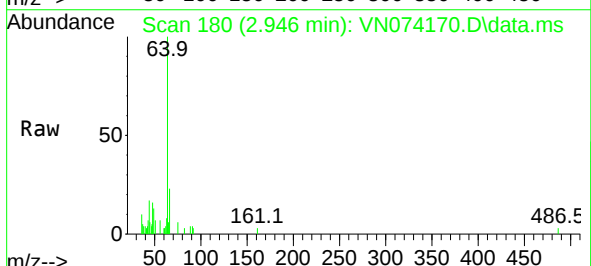
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Tgt Ion: 94 Resp: 8734
Ion Ratio Lower Upper
94 100
96 103.3 76.0 114.0



#6
Chloroethane
Concen: 5.875 ug/l
RT: 2.946 min Scan# 180
Delta R.T. -0.006 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 64 Resp: 13857
Ion Ratio Lower Upper
64 100
66 23.1 26.2 39.4#

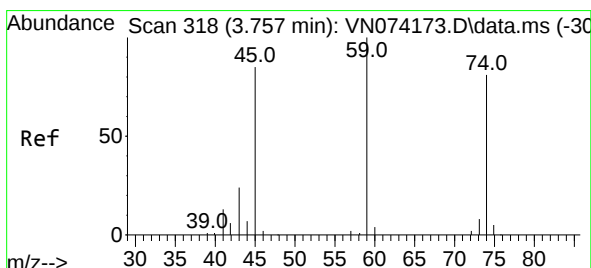
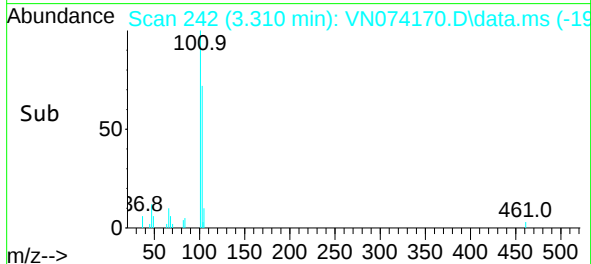
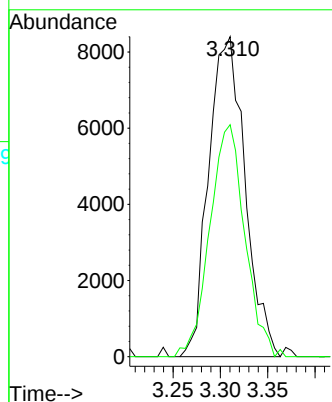
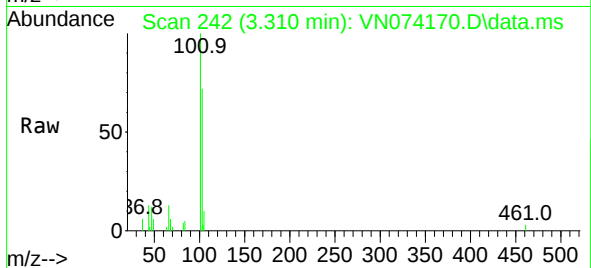




#7
Trichlorofluoromethane
Concen: 5.057 ug/l
RT: 3.310 min Scan# 242
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

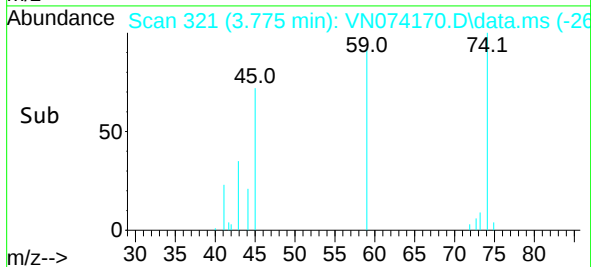
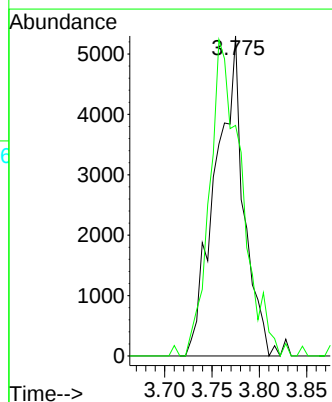
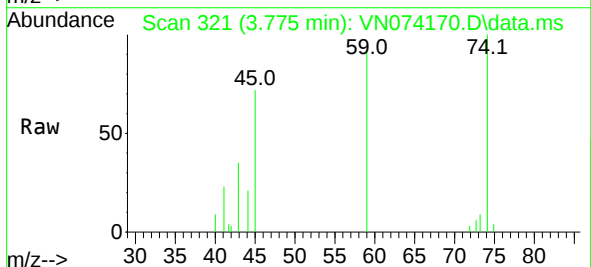
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

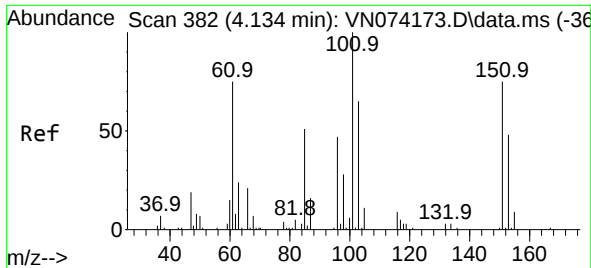
Tgt Ion:101 Resp: 22395
Ion Ratio Lower Upper
101 100
103 70.2 51.5 77.3



#8
Diethyl Ether
Concen: 6.140 ug/l
RT: 3.775 min Scan# 321
Delta R.T. 0.018 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 74 Resp: 11042
Ion Ratio Lower Upper
74 100
45 111.5 42.9 128.5

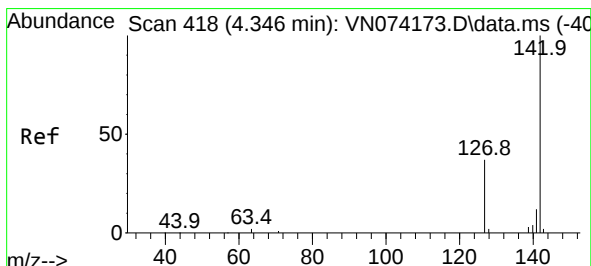
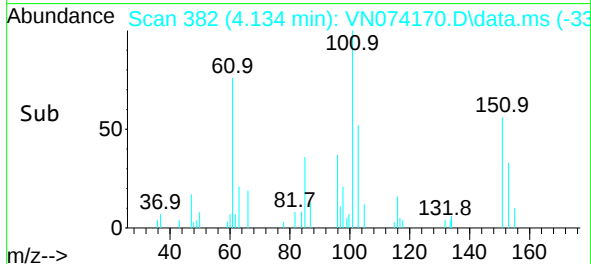
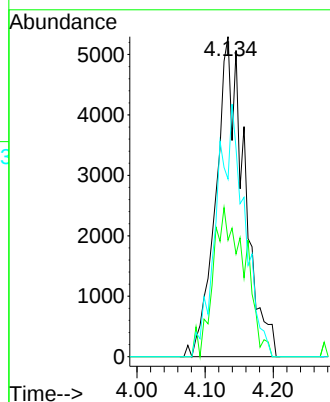
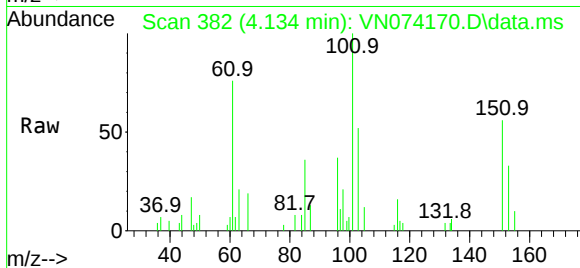




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.197 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

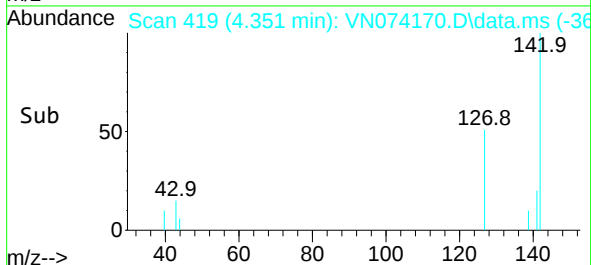
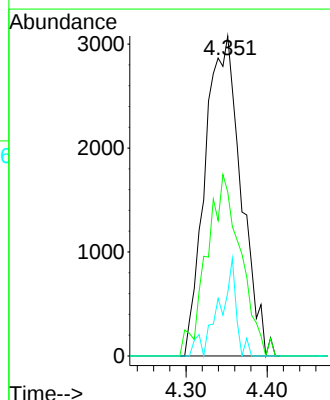
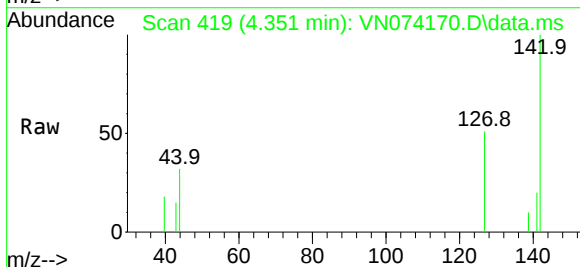
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

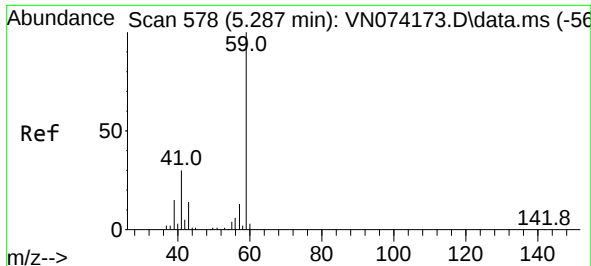
Tgt Ion:101	Resp:	15467
Ion	Ratio	Lower Upper
101	100	
85	51.9	34.7 52.1
151	76.9	63.0 94.4



#10
Methyl Iodide
Concen: 4.743 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion:142	Resp:	9475
Ion	Ratio	Lower Upper
142	100	
127	53.9	31.3 46.9#
141	14.8	11.2 16.8

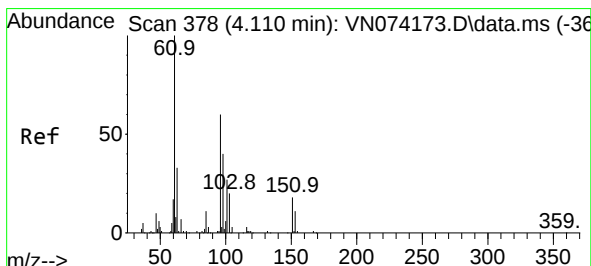
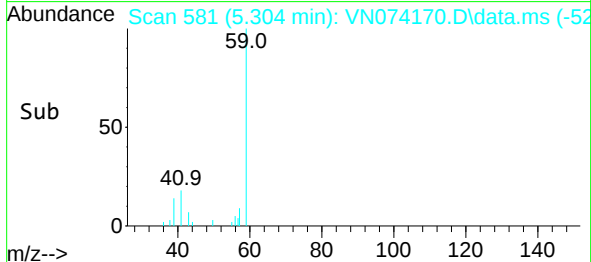
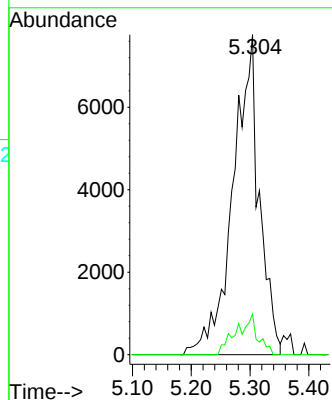
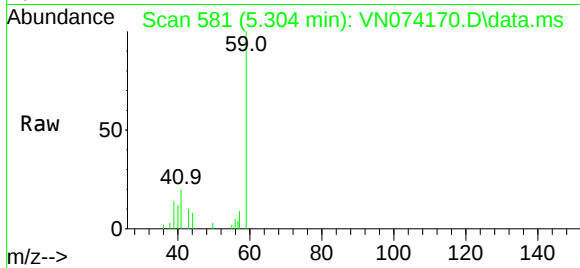




#11
Tert butyl alcohol
Concen: 32.391 ug/l
RT: 5.304 min Scan# 581
Delta R.T. 0.018 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

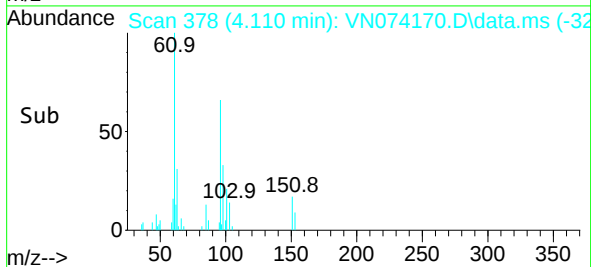
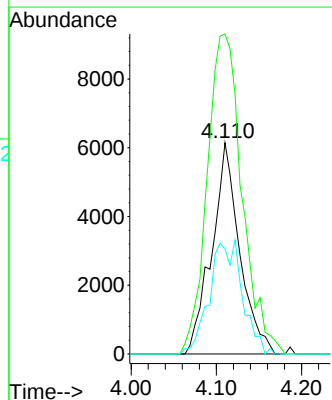
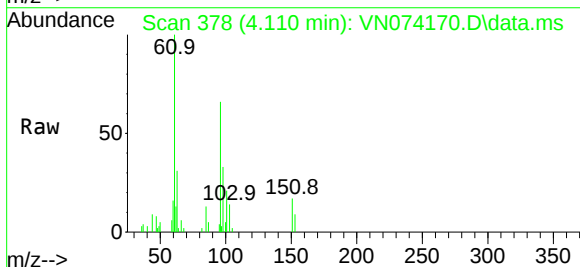
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

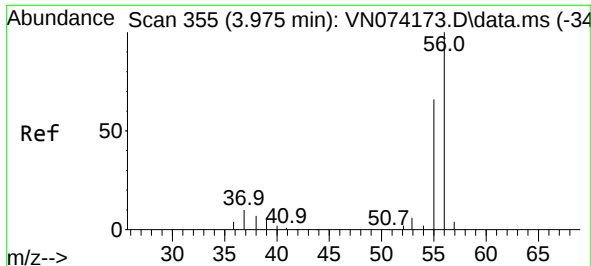
Tgt Ion: 59 Resp: 24052
Ion Ratio Lower Upper
59 100
57 5.7 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 6.014 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 96 Resp: 14008
Ion Ratio Lower Upper
96 100
61 151.5 127.6 191.4
98 49.8 51.2 76.8#

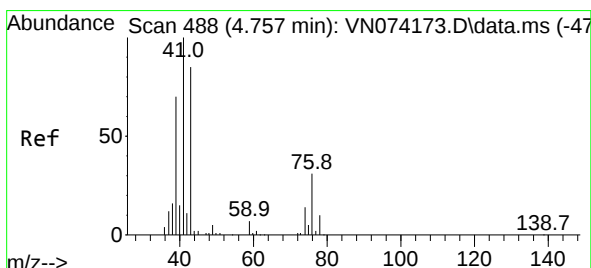
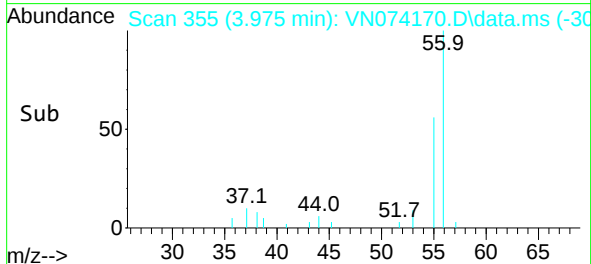
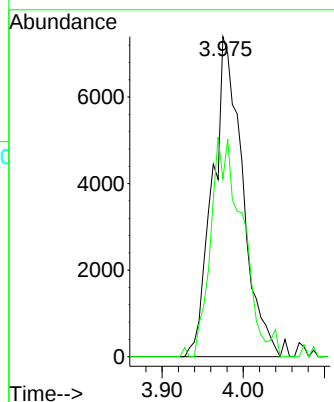
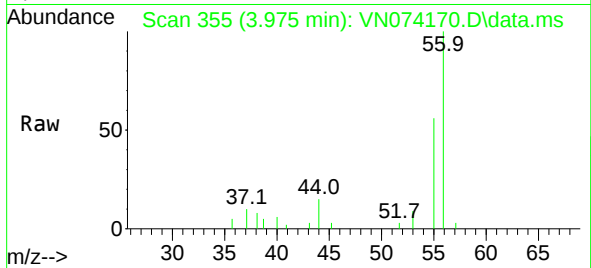




#13
Acrolein
Concen: 28.224 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

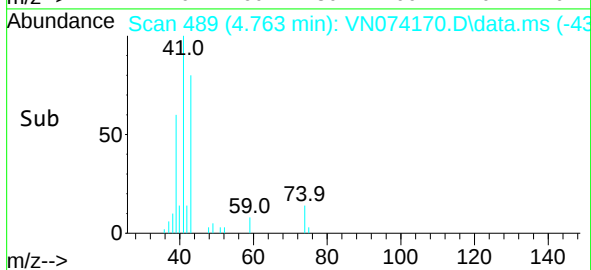
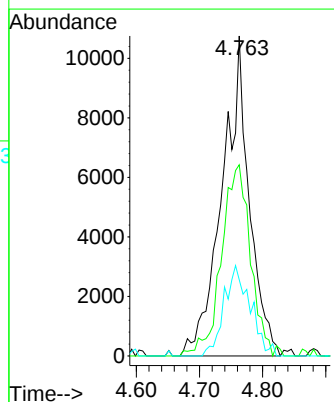
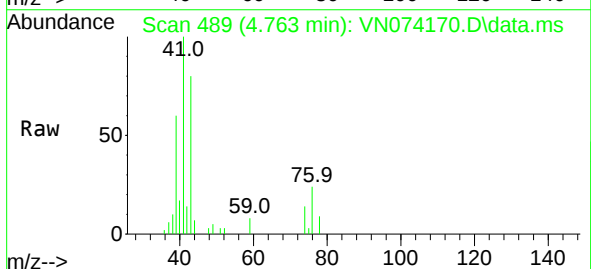
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

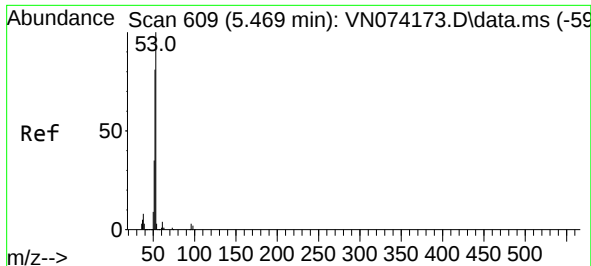
Tgt Ion: 56 Resp: 18946
Ion Ratio Lower Upper
56 100
55 73.8 54.8 82.2



#14
Allyl chloride
Concen: 5.988 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 41 Resp: 31975
Ion Ratio Lower Upper
41 100
39 64.6 53.2 79.8
76 27.4 29.9 44.9#

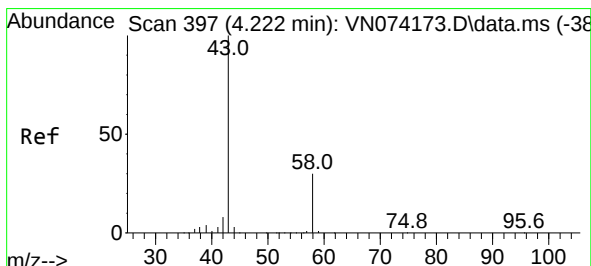
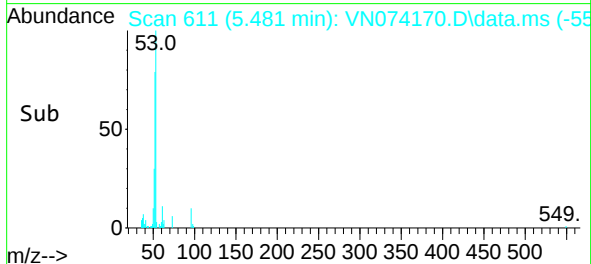
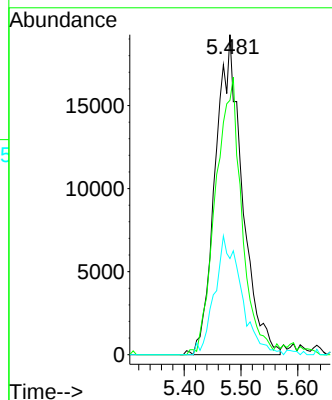
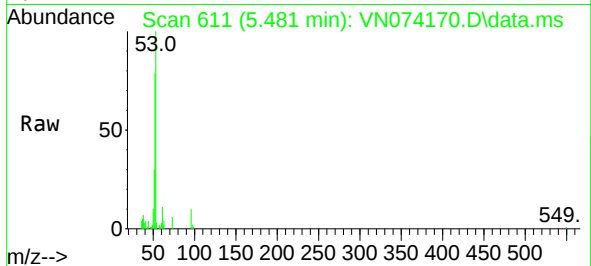




#15
Acrylonitrile
Concen: 29.351 ug/l
RT: 5.481 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

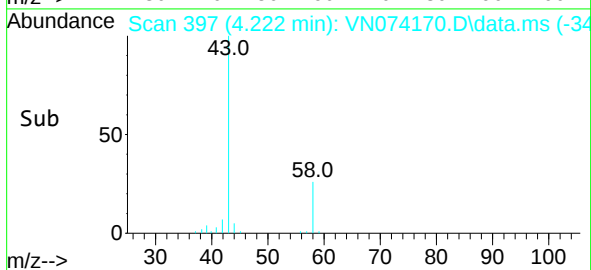
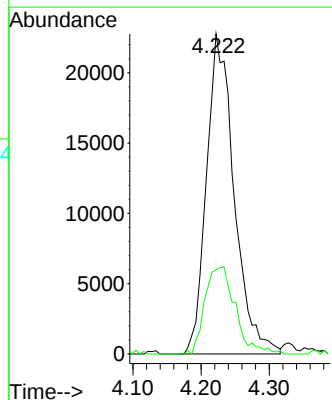
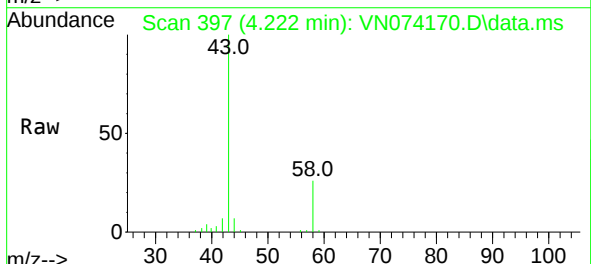
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

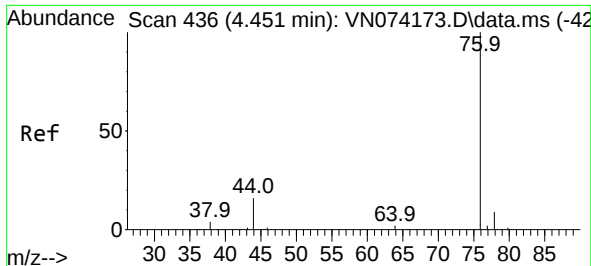
Tgt Ion: 53 Resp: 63829
Ion Ratio Lower Upper
53 100
52 83.7 66.4 99.6
51 36.5 28.5 42.7



#16
Acetone
Concen: 31.533 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 43 Resp: 64310
Ion Ratio Lower Upper
43 100
58 26.3 26.0 39.0

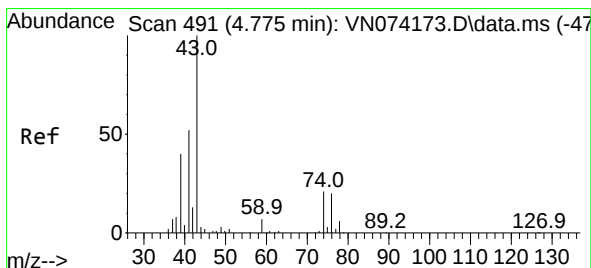
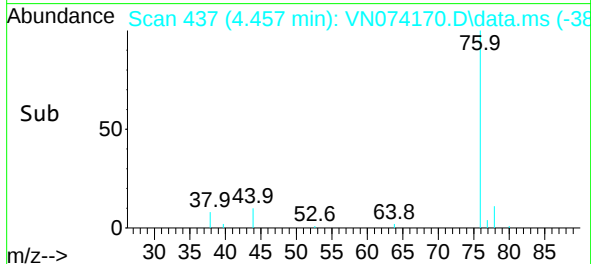
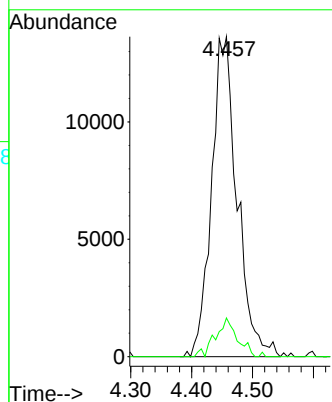
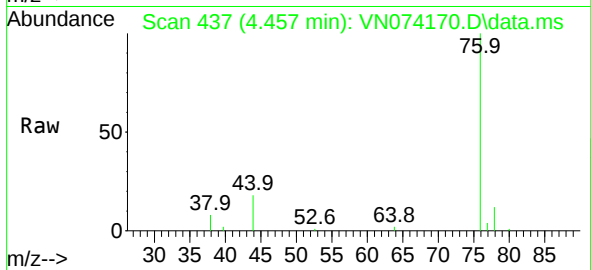




#17
Carbon Disulfide
Concen: 6.058 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

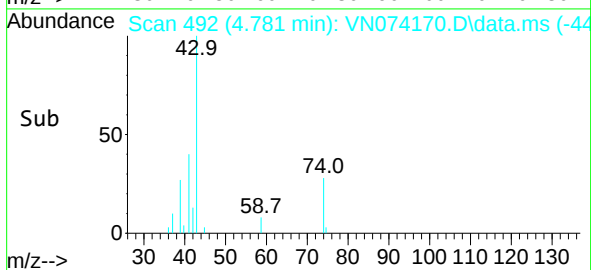
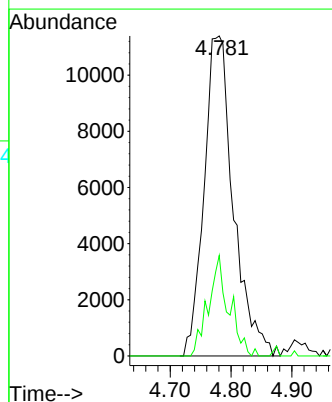
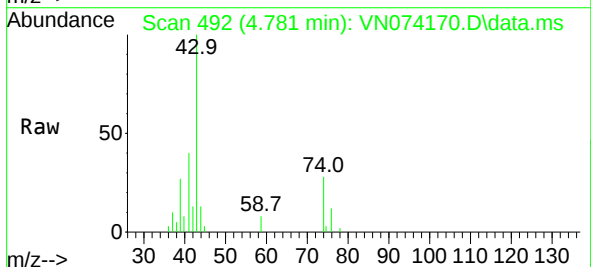
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

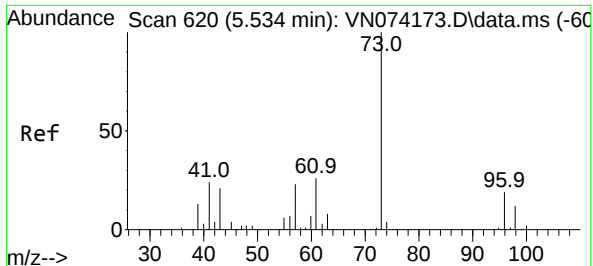
Tgt Ion: 76 Resp: 39749
Ion Ratio Lower Upper
76 100
78 12.1 7.2 10.8#



#18
Methyl Acetate
Concen: 6.208 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 43 Resp: 38156
Ion Ratio Lower Upper
43 100
74 21.9 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 6.177 ug/l

RT: 5.534 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

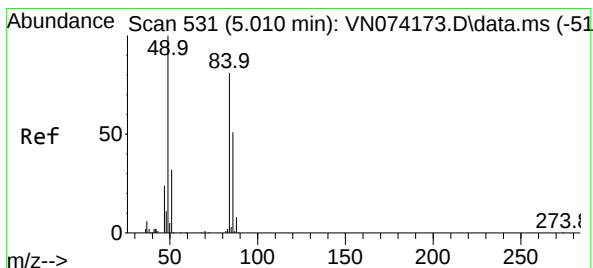
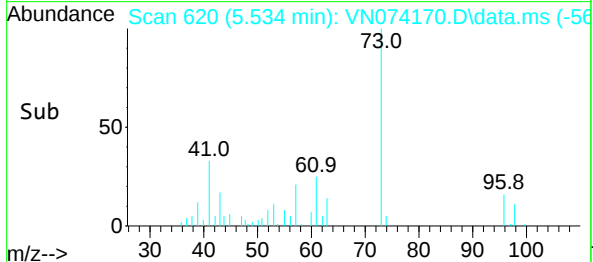
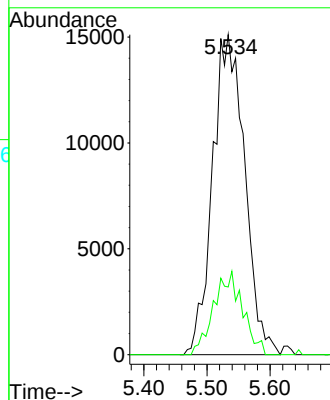
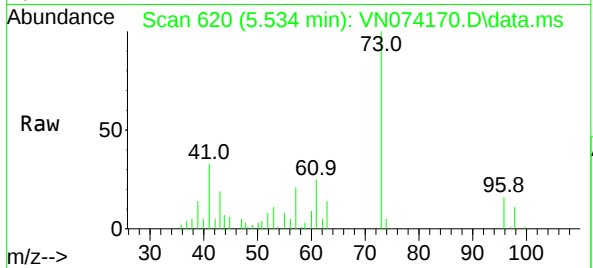
VSTDICC005

Tgt Ion: 73 Resp: 53458

Ion Ratio Lower Upper

73 100

57 21.1 17.6 26.4



#20

Methylene Chloride

Concen: 3.117 ug/l

RT: 4.998 min Scan# 529

Delta R.T. -0.012 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

Tgt Ion: 84 Resp: 9614

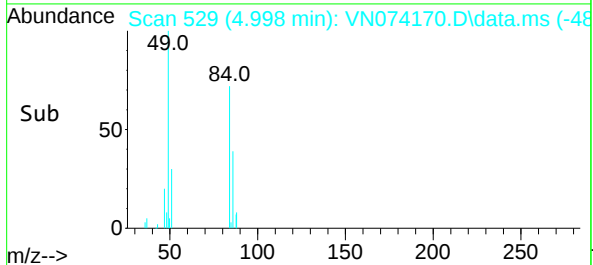
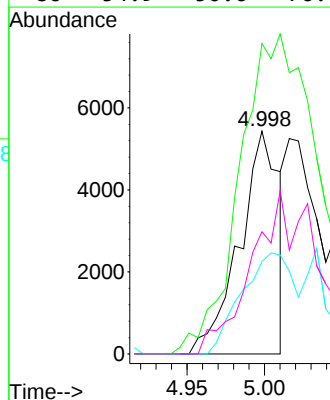
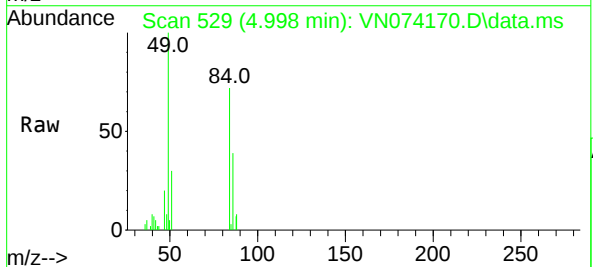
Ion Ratio Lower Upper

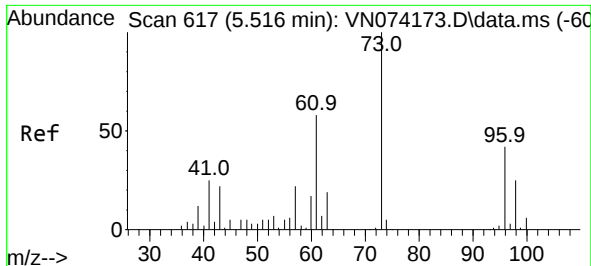
84 100

49 136.5 88.3 132.5#

51 41.4 28.2 42.2

86 54.9 50.6 76.0

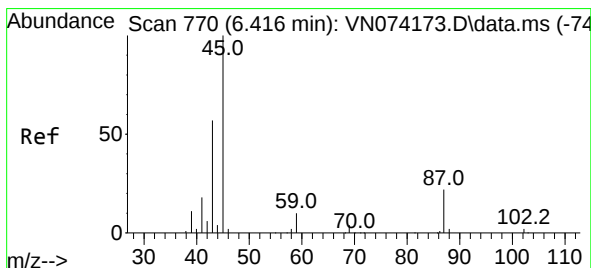
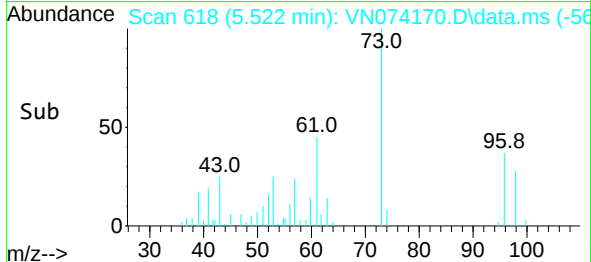
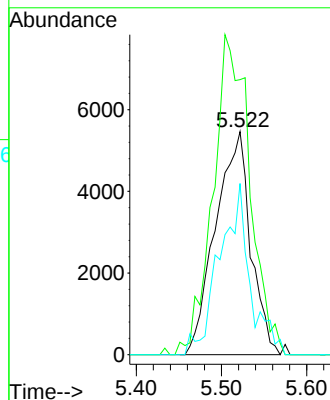
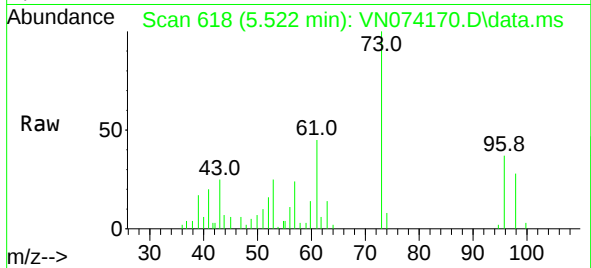




#21
trans-1,2-Dichloroethene
Concen: 5.991 ug/l
RT: 5.522 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

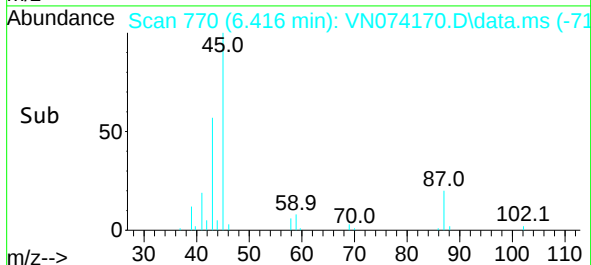
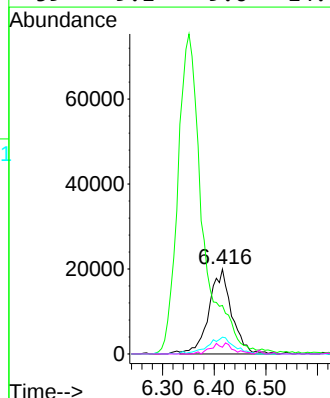
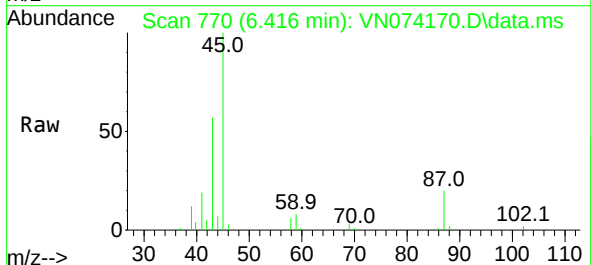
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

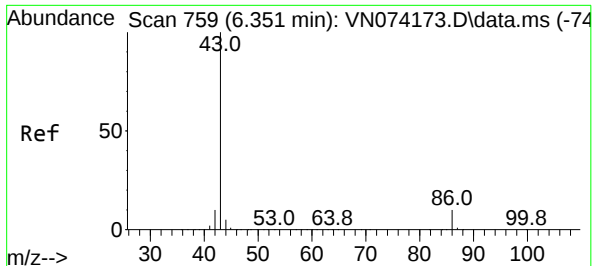
Tgt Ion: 96 Resp: 15617
Ion Ratio Lower Upper
96 100
61 118.1 105.8 158.8
98 76.8 50.3 75.5#



#22
Diisopropyl ether
Concen: 5.967 ug/l
RT: 6.416 min Scan# 770
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 45 Resp: 60723
Ion Ratio Lower Upper
45 100
43 54.1 46.6 70.0
87 19.8 24.3 36.5#
59 9.1 9.6 14.4#

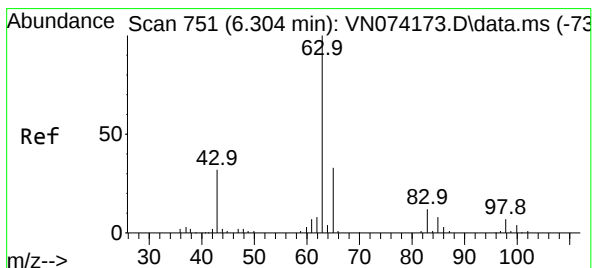
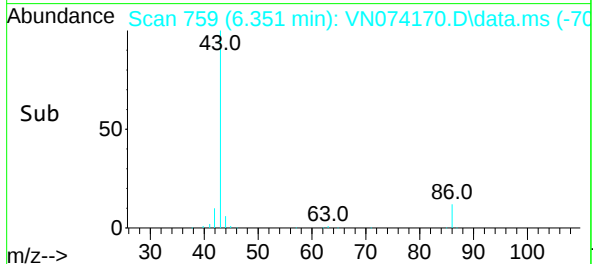
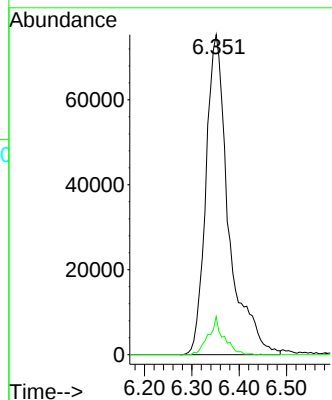
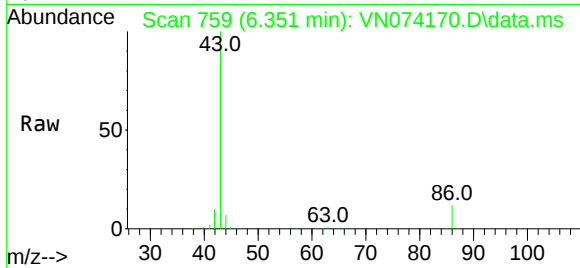




#23
 Vinyl Acetate
 Concen: 28.872 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. -0.000 min
 Lab File: VN074170.D
 Acq: 30 Aug 2022 12:48

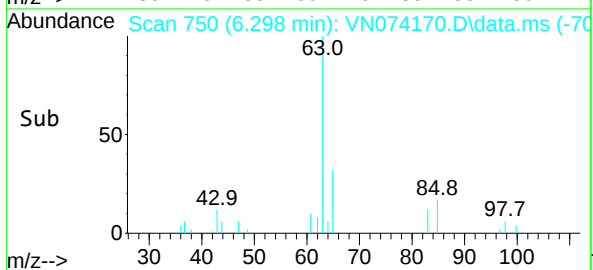
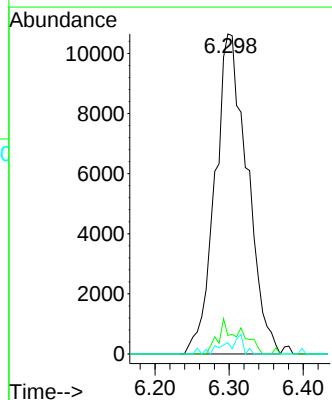
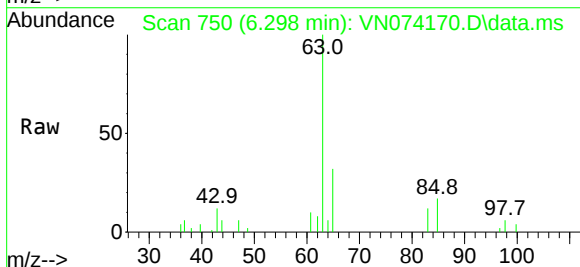
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

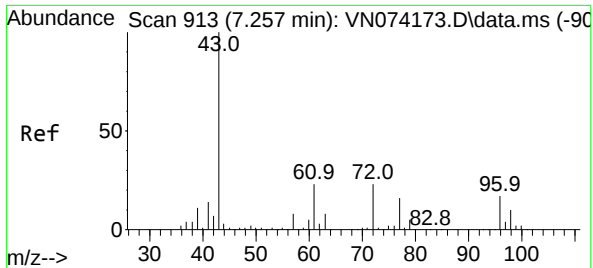
Tgt Ion: 43 Resp: 251436
 Ion Ratio Lower Upper
 43 100
 86 11.9 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 6.098 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN074170.D
 Acq: 30 Aug 2022 12:48

Tgt Ion: 63 Resp: 32081
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.5 10.4
 100 3.5 2.3 6.8

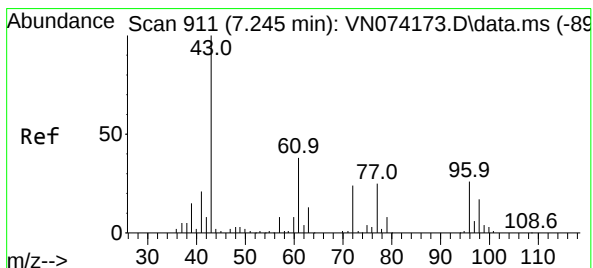
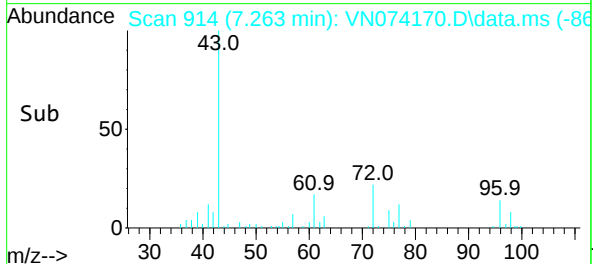
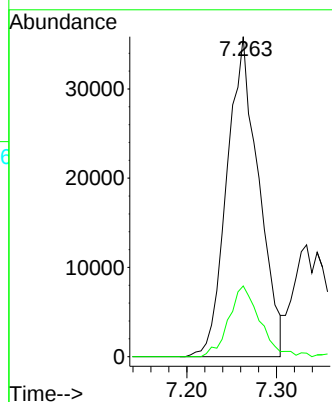
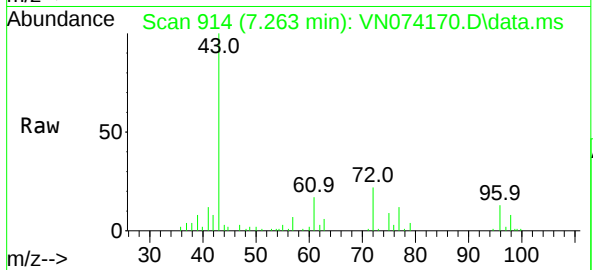




#25
2-Butanone
Concen: 26.106 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

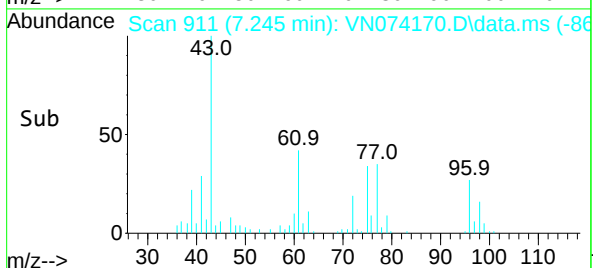
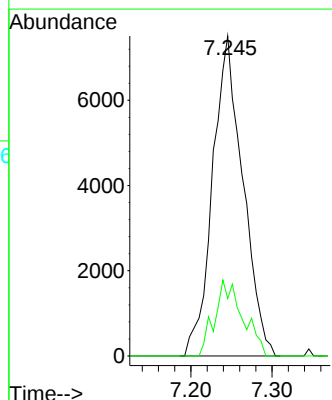
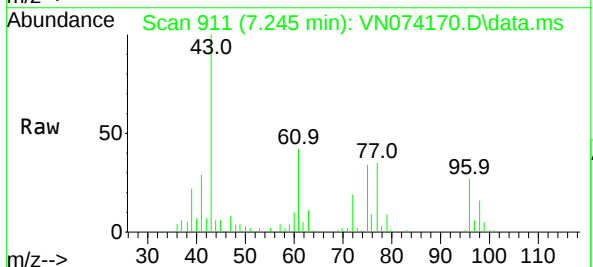
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

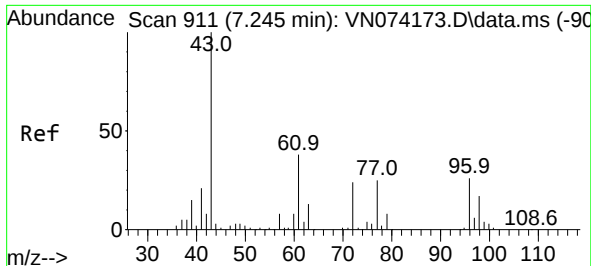
Tgt Ion: 43 Resp: 87978
Ion Ratio Lower Upper
43 100
72 22.1 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 5.464 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 77 Resp: 19471
Ion Ratio Lower Upper
77 100
97 21.9 11.4 34.2

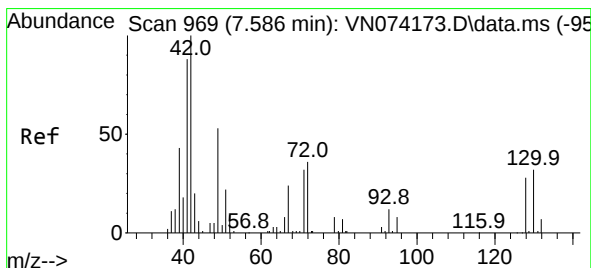
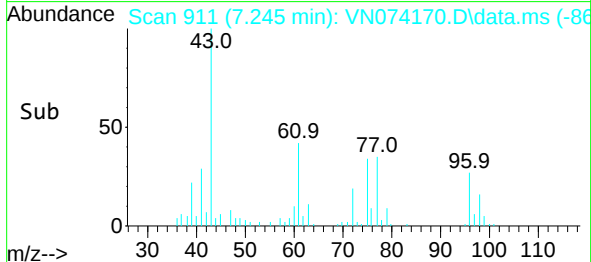
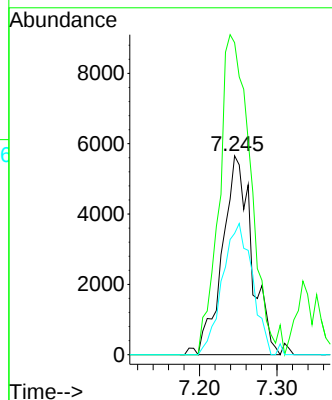
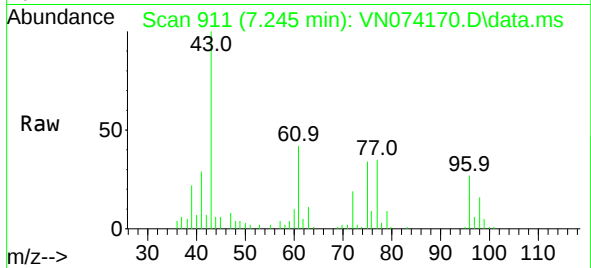




#27
 cis-1,2-Dichloroethene
 Concen: 5.272 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.000 min
 Lab File: VN074170.D
 Acq: 30 Aug 2022 12:48

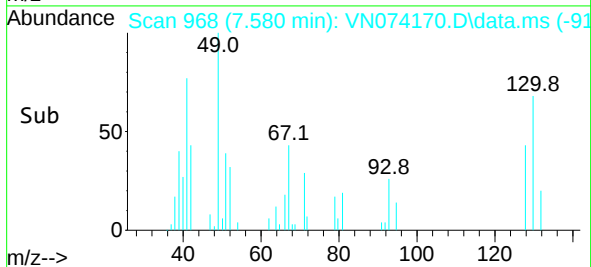
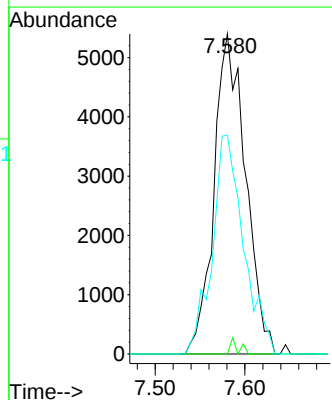
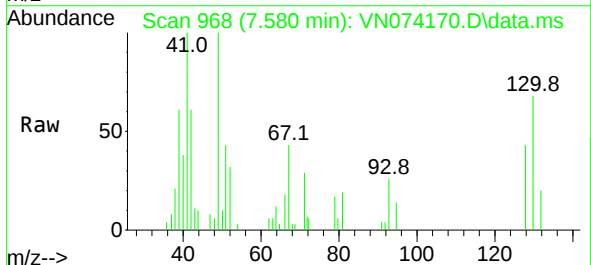
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

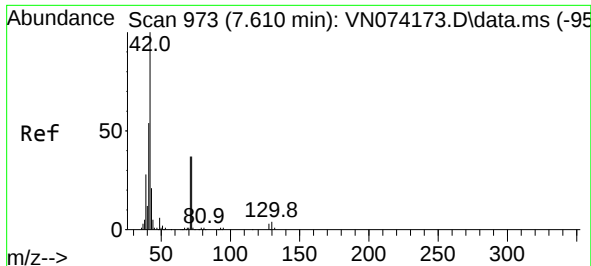
Tgt Ion: 96 Resp: 14931
 Ion Ratio Lower Upper
 96 100
 61 172.2 0.0 280.6
 98 67.1 0.0 128.4



#28
 Bromochloromethane
 Concen: 6.527 ug/l
 RT: 7.580 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN074170.D
 Acq: 30 Aug 2022 12:48

Tgt Ion: 49 Resp: 13164
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.6
 130 68.1 69.7 104.5#





#29

Tetrahydrofuran

Concen: 25.646 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

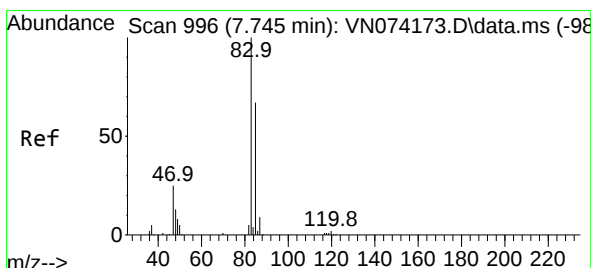
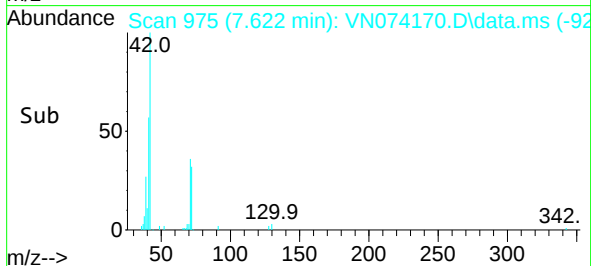
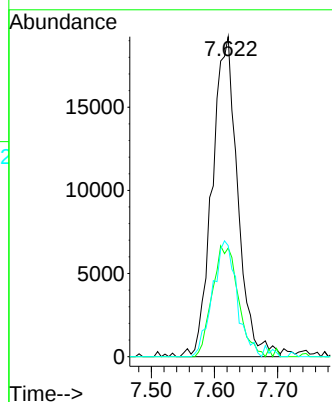
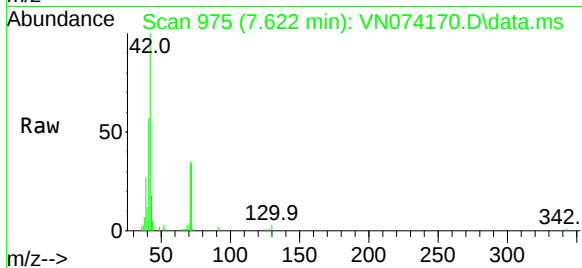
Tgt Ion: 42 Resp: 53921

Ion Ratio Lower Upper

42 100

72 35.4 39.7 59.5#

71 34.7 36.6 55.0#



#30

Chloroform

Concen: 5.717 ug/l

RT: 7.745 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN074170.D

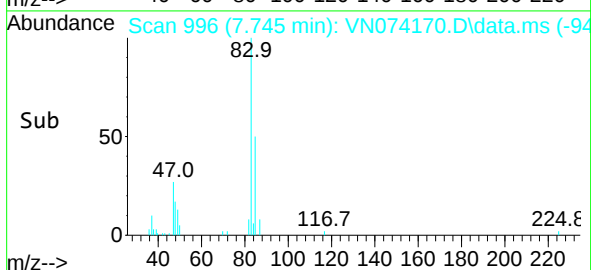
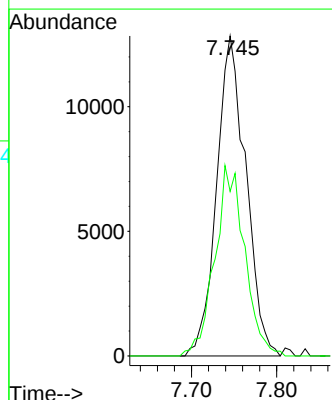
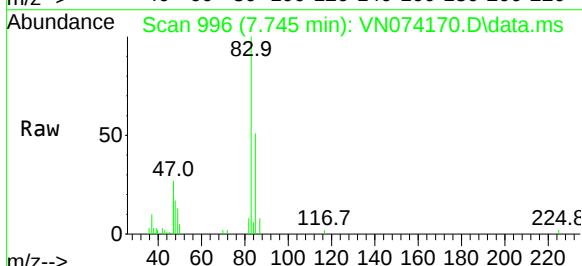
Acq: 30 Aug 2022 12:48

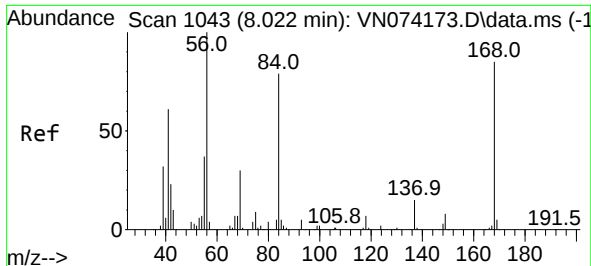
Tgt Ion: 83 Resp: 30626

Ion Ratio Lower Upper

83 100

85 51.4 51.8 77.8#





#31

Cyclohexane

Concen: 5.906 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

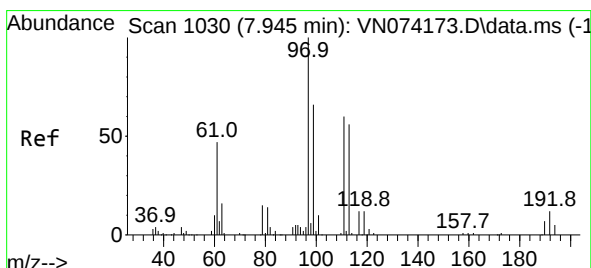
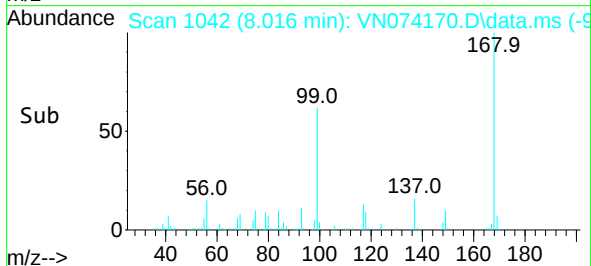
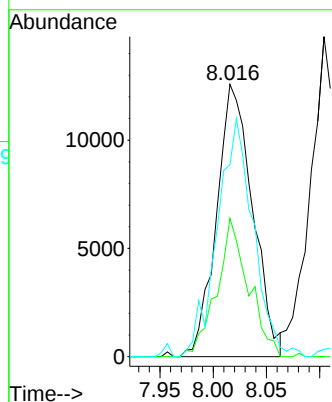
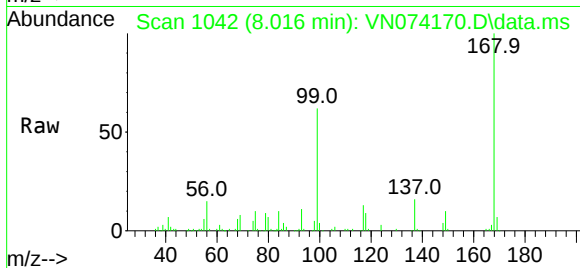
Tgt Ion: 56 Resp: 29633

Ion Ratio Lower Upper

56 100

69 50.8 27.8 41.8#

84 70.5 76.9 115.3#



#32

1,1,1-Trichloroethane

Concen: 5.098 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

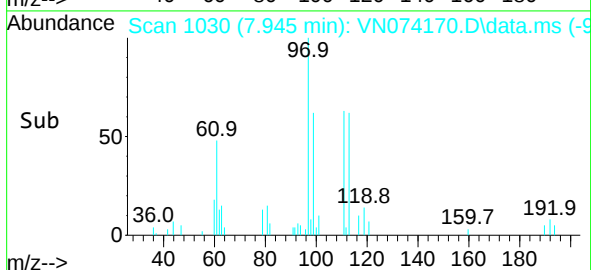
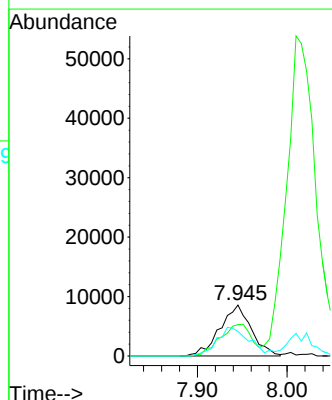
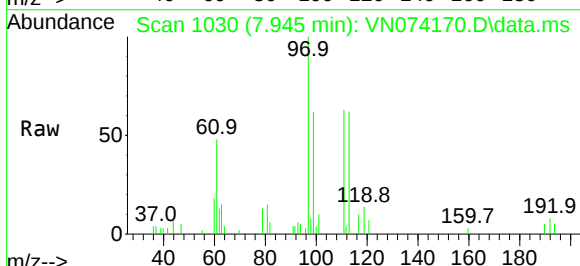
Tgt Ion: 97 Resp: 20719

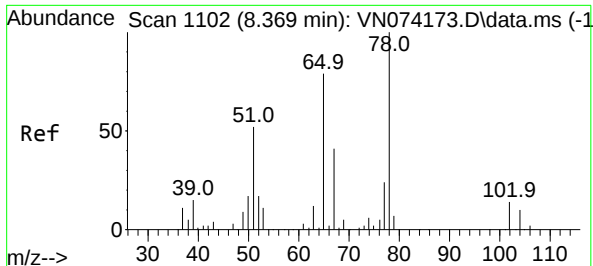
Ion Ratio Lower Upper

97 100

99 62.0 50.6 76.0

61 59.2 36.0 54.0#





#33

1,2-Dichloroethane-d4

Concen: 5.651 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

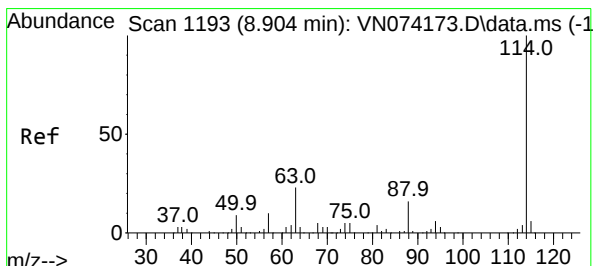
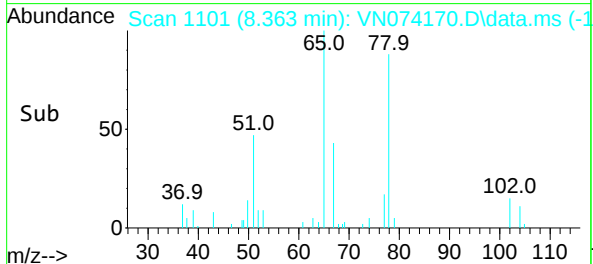
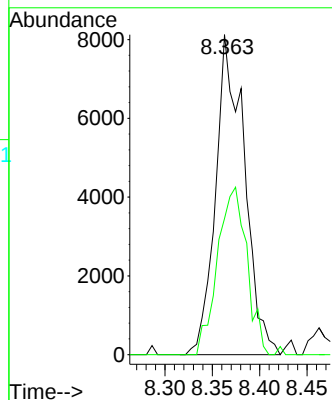
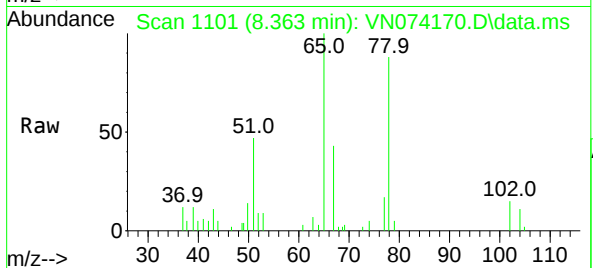
VSTDIC005

Tgt Ion: 65 Resp: 17161

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

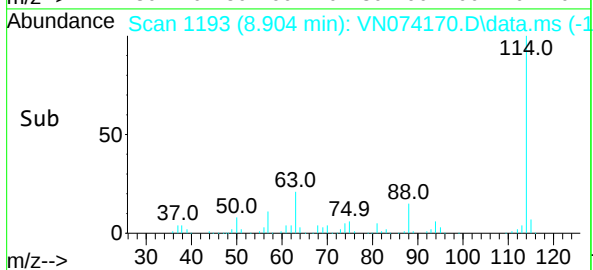
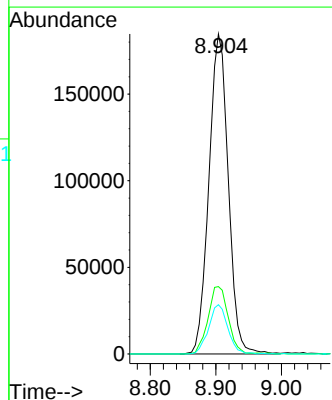
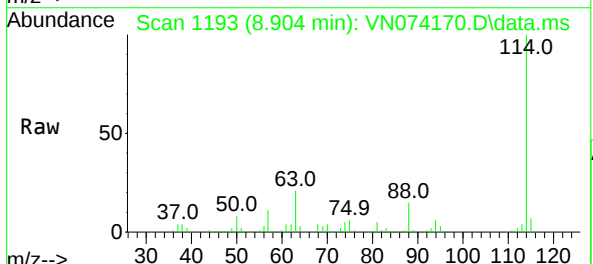
Tgt Ion: 114 Resp: 379135

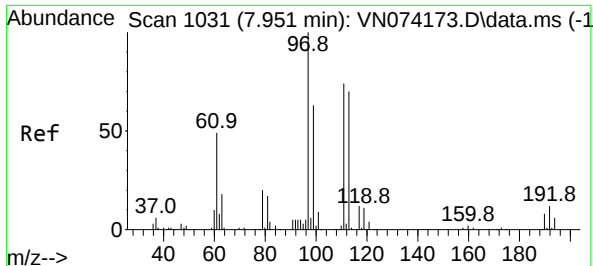
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 5.118 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

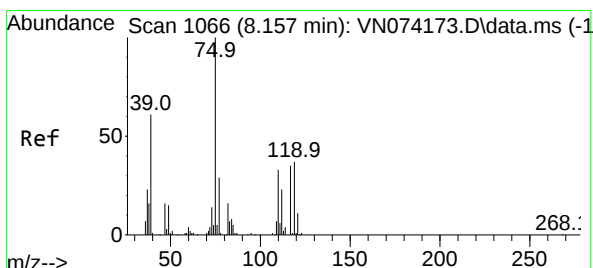
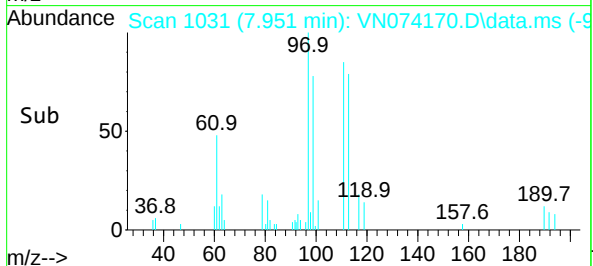
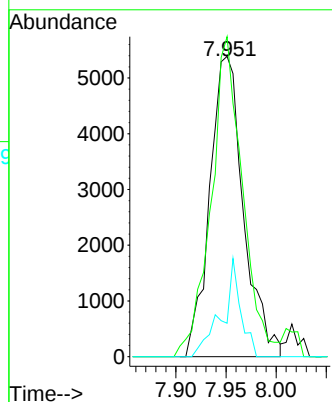
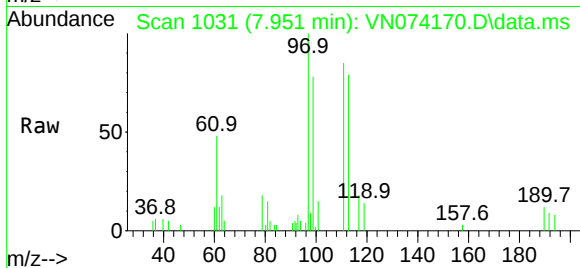
Tgt Ion:113 Resp: 12627

Ion Ratio Lower Upper

113 100

111 98.4 81.4 122.0

192 18.0 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.399 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

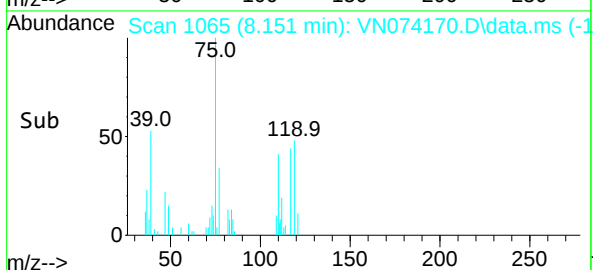
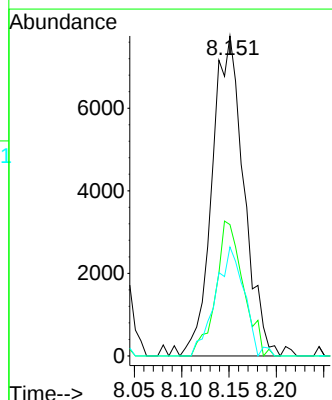
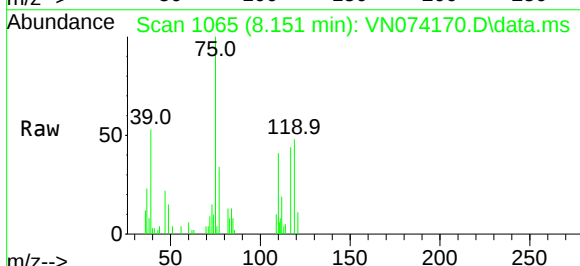
Tgt Ion: 75 Resp: 18047

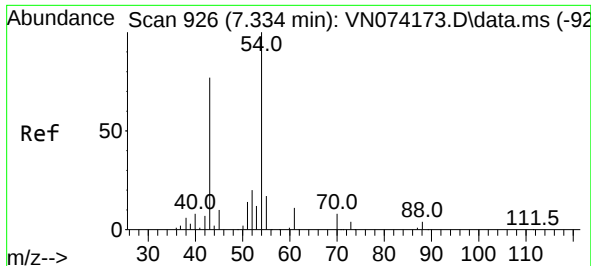
Ion Ratio Lower Upper

75 100

110 36.5 18.3 54.8

77 31.0 25.1 37.7

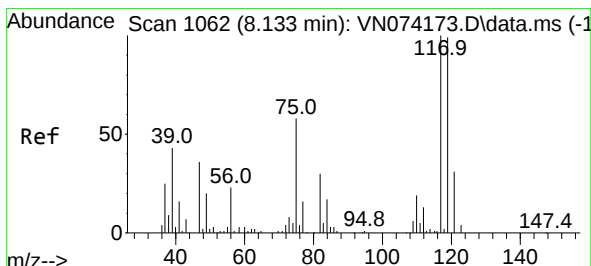
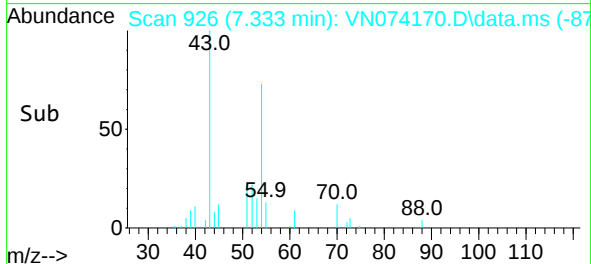
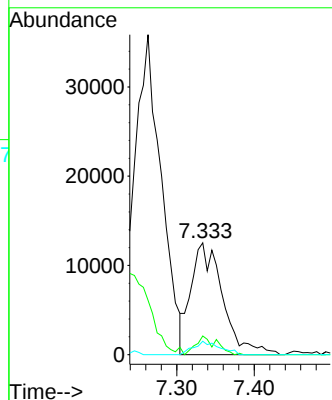
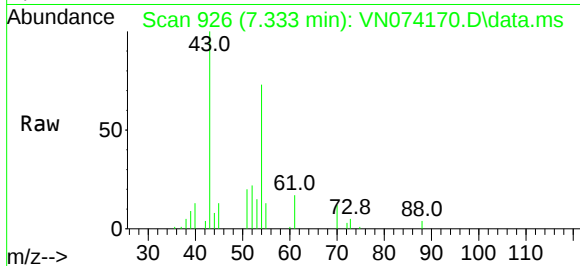




#37
Ethyl Acetate
Concen: 5.375 ug/l
RT: 7.333 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

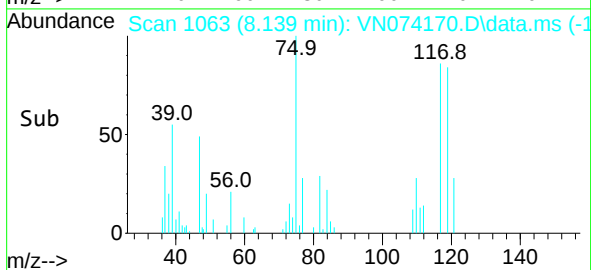
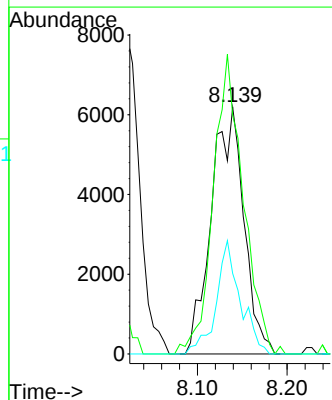
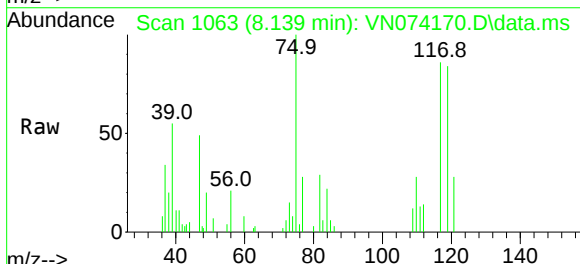
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

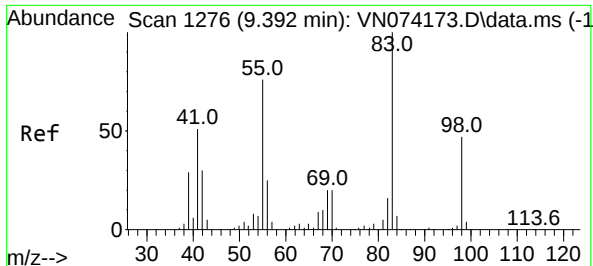
Tgt Ion: 43 Resp: 35698
Ion Ratio Lower Upper
43 100
61 10.9 11.8 17.6#
70 9.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 4.106 ug/l
RT: 8.139 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 117 Resp: 15627
Ion Ratio Lower Upper
117 100
119 93.7 75.8 113.8
121 32.6 24.6 37.0





#39

Methylcyclohexane

Concen: 4.971 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

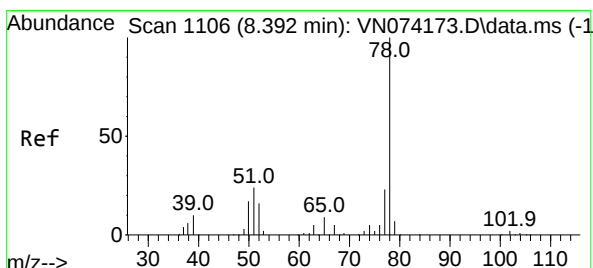
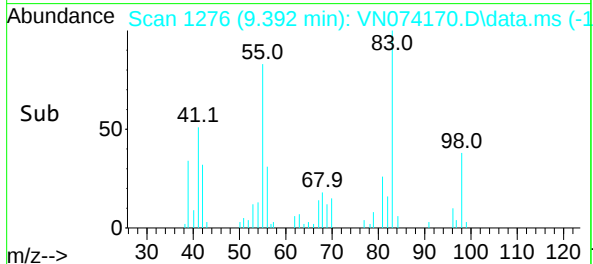
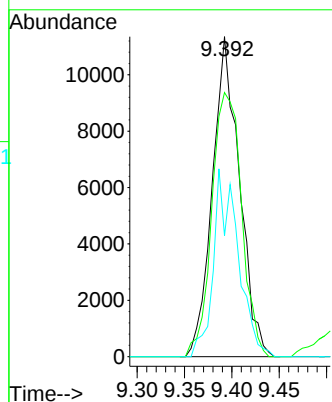
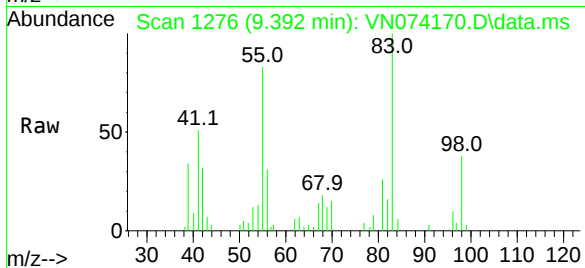
Tgt Ion: 83 Resp: 22552

Ion Ratio Lower Upper

83 100

55 82.6 57.8 86.8

98 37.8 39.4 59.2#



#40

Benzene

Concen: 4.776 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN074170.D

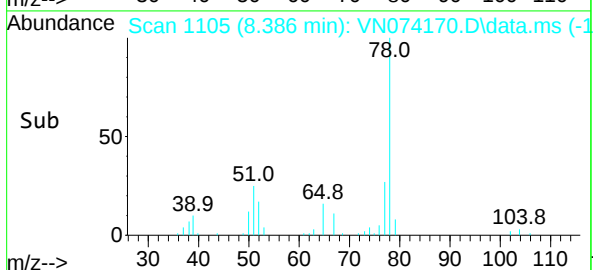
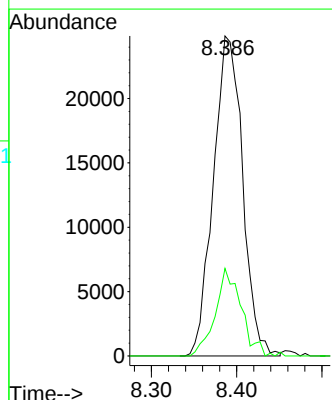
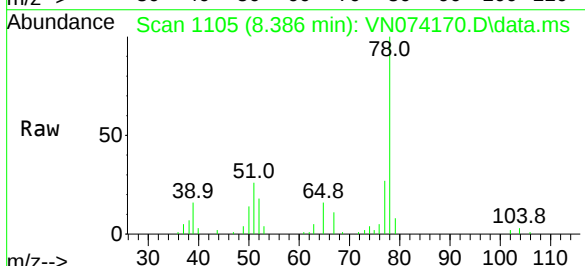
Acq: 30 Aug 2022 12:48

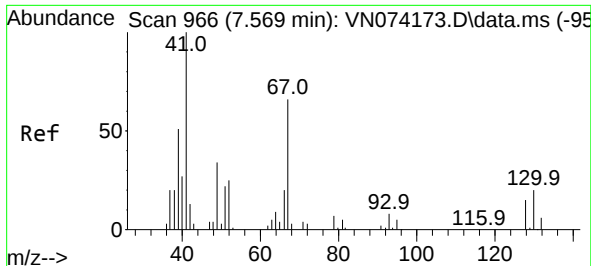
Tgt Ion: 78 Resp: 59237

Ion Ratio Lower Upper

78 100

77 27.3 19.4 29.0

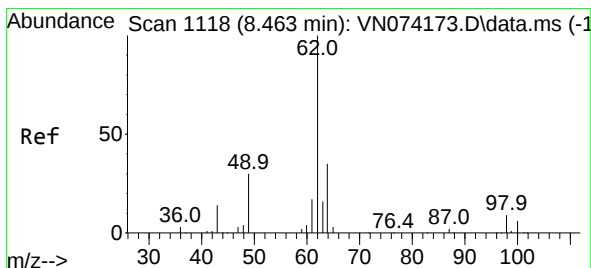
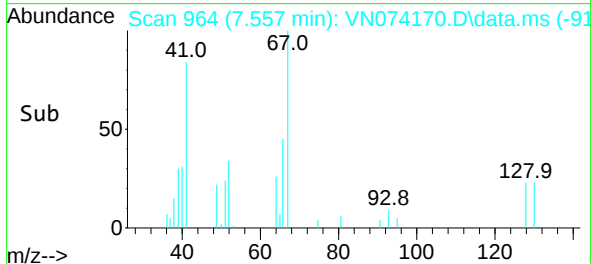
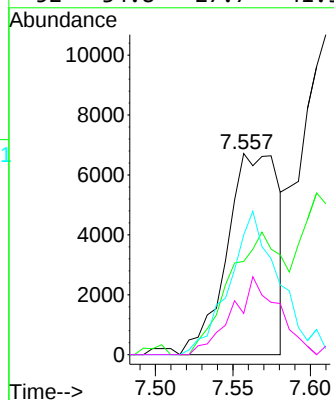
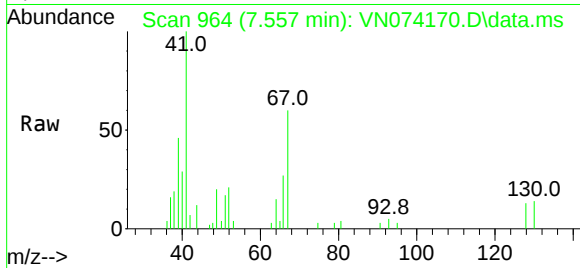




#41
Methacrylonitrile
Concen: 4.967 ug/l
RT: 7.557 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

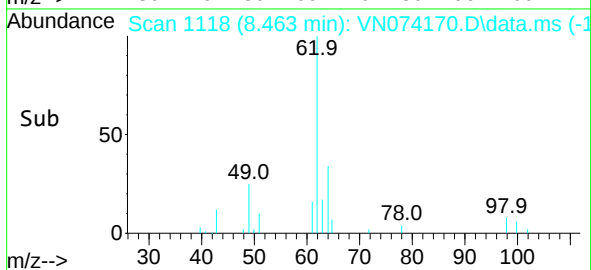
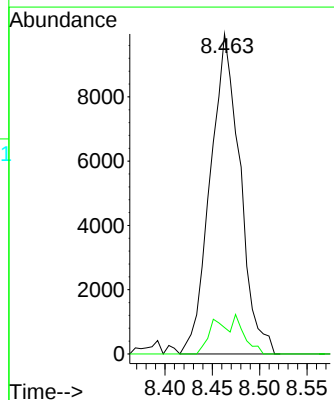
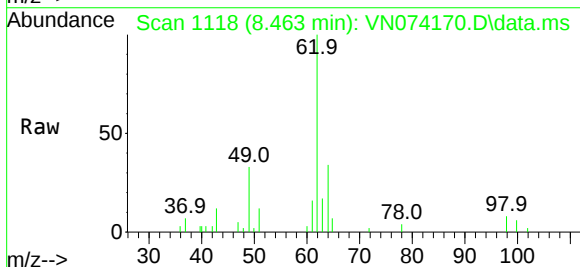
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

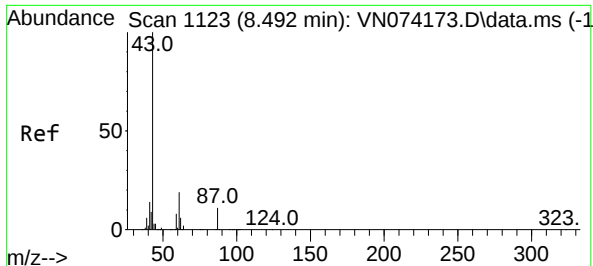
Tgt Ion:	41	Resp:	15509
Ion	Ratio	Lower	Upper
41	100		
39	64.6	48.6	73.0
67	69.0	73.4	110.2#
52	34.8	27.7	41.5



#42
1,2-Dichloroethane
Concen: 4.780 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion:	62	Resp:	21730
Ion	Ratio	Lower	Upper
62	100		
98	6.9	0.0	19.4

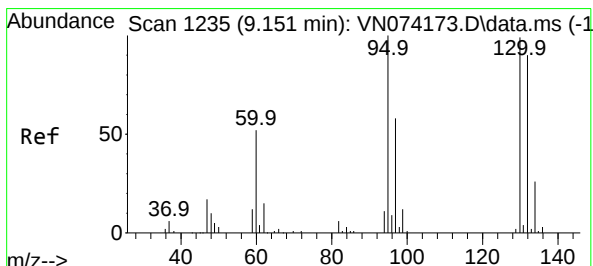
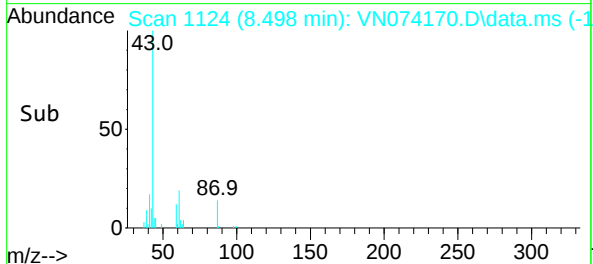
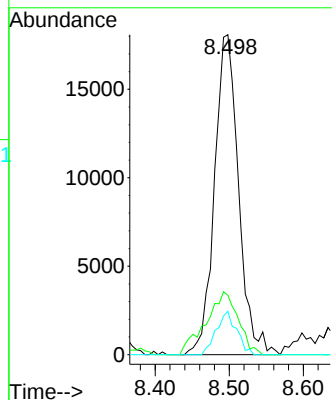
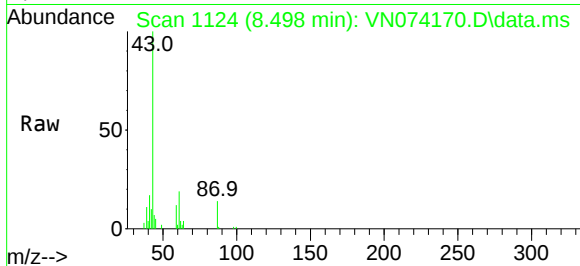




#43
Isopropyl Acetate
Concen: 4.578 ug/l
RT: 8.498 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

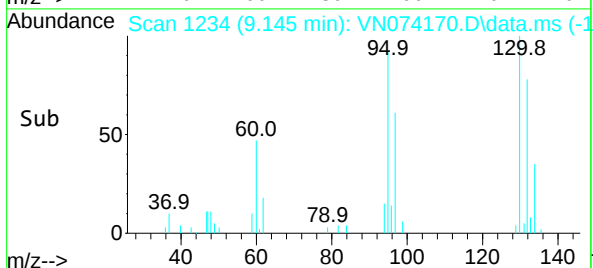
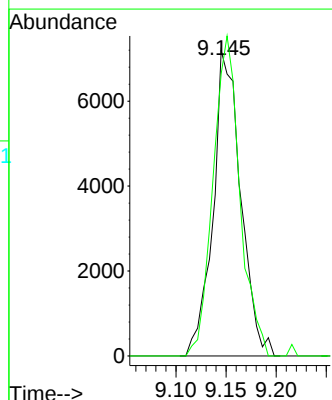
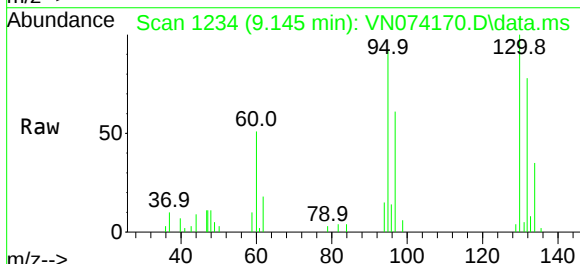
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

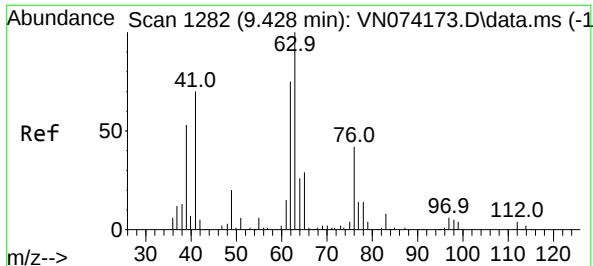
Tgt Ion: 43 Resp: 40798
Ion Ratio Lower Upper
43 100
61 26.5 21.9 32.9
87 11.4 12.0 18.0#



#44
Trichloroethene
Concen: 5.015 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 130 Resp: 13783
Ion Ratio Lower Upper
130 100
95 92.3 0.0 186.8





#45

1,2-Dichloropropane

Concen: 5.583 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

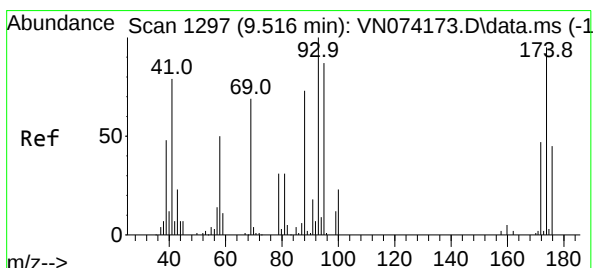
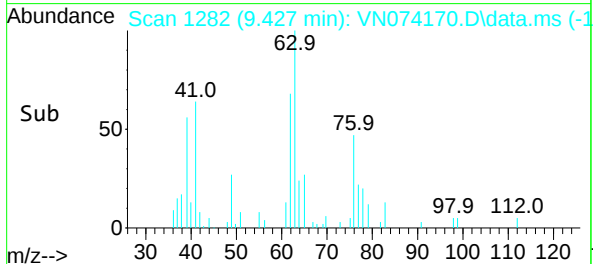
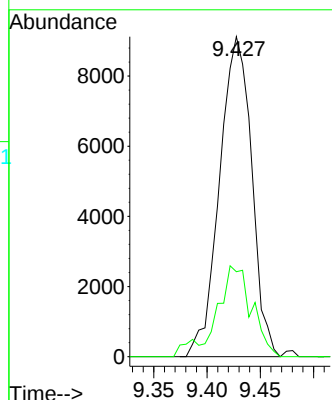
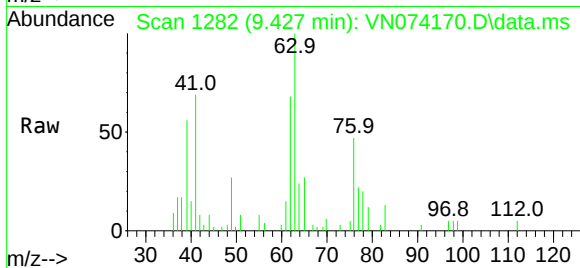
VSTDIC005

Tgt Ion: 63 Resp: 19149

Ion Ratio Lower Upper

63 100

65 26.5 24.9 37.3



#46

Dibromomethane

Concen: 6.304 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

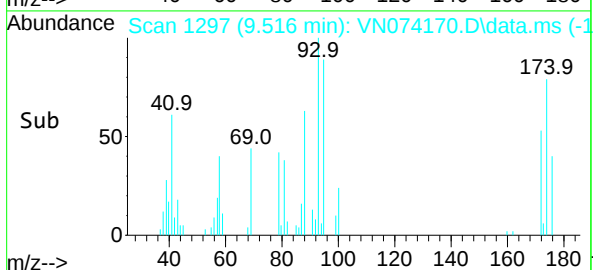
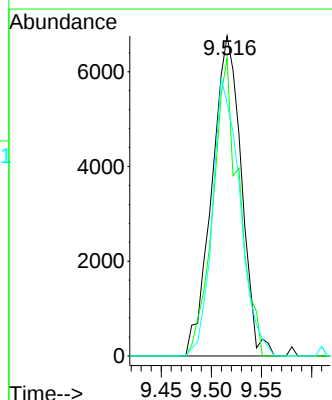
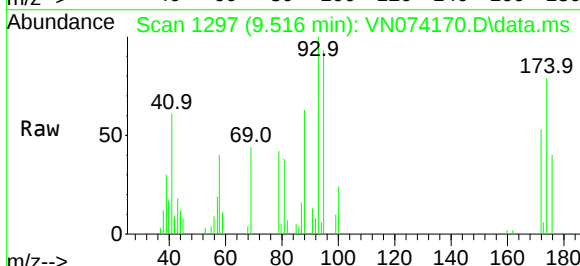
Tgt Ion: 93 Resp: 13784

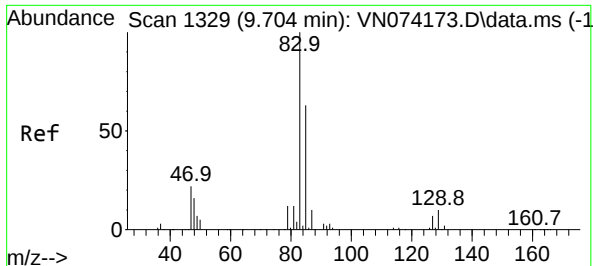
Ion Ratio Lower Upper

93 100

95 82.6 66.9 100.3

174 81.2 86.6 130.0#





#47

Bromodichloromethane

Concen: 6.301 ug/l

RT: 9.704 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

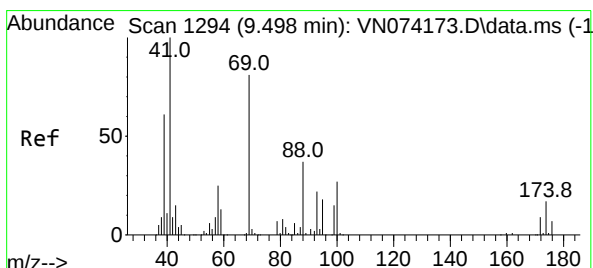
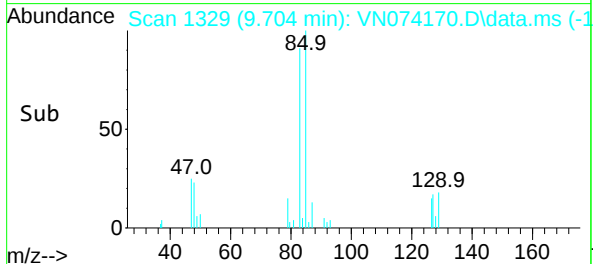
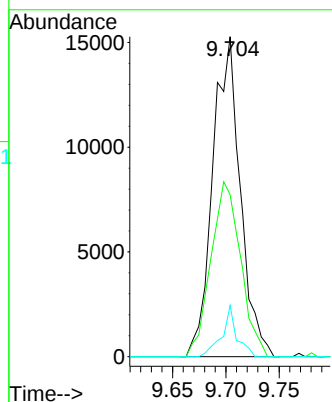
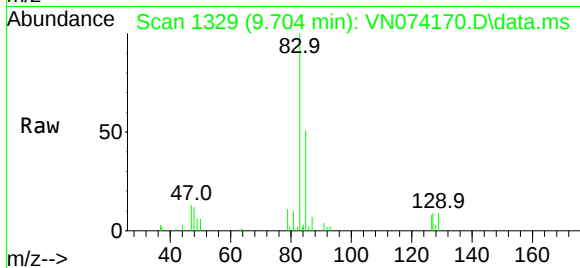
Tgt Ion: 83 Resp: 27430

Ion Ratio Lower Upper

83 100

85 50.6 50.5 75.7

127 16.1 6.8 10.2#



#48

Methyl methacrylate

Concen: 5.546 ug/l

RT: 9.498 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

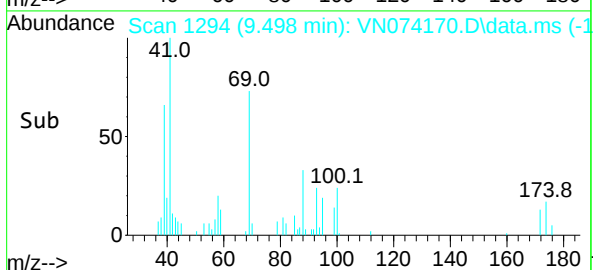
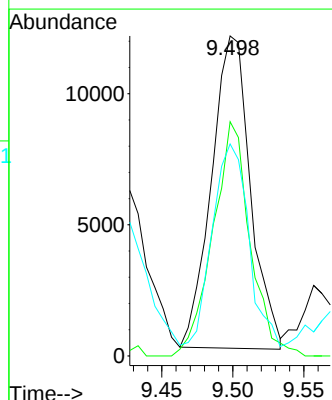
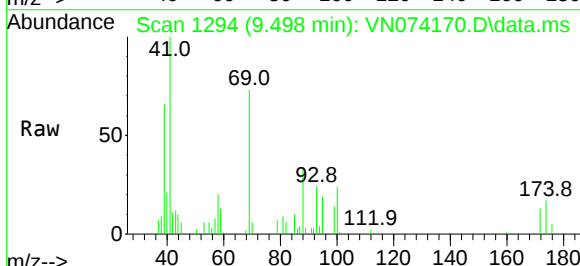
Tgt Ion: 41 Resp: 22732

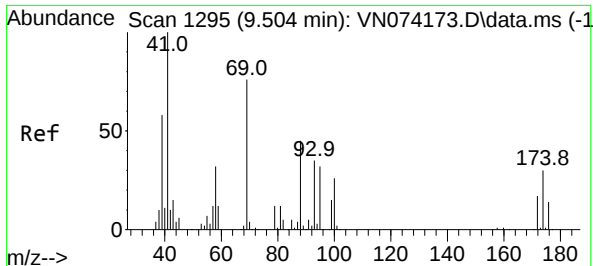
Ion Ratio Lower Upper

41 100

69 71.6 74.7 112.1#

39 60.4 45.6 68.4

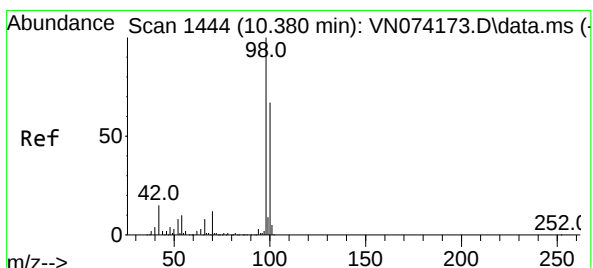
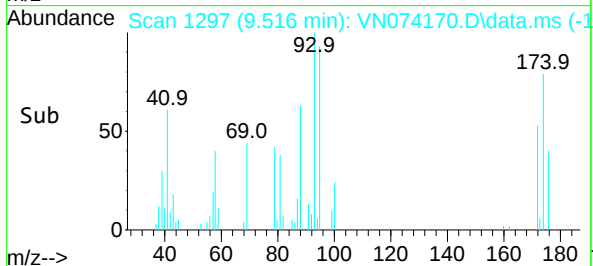
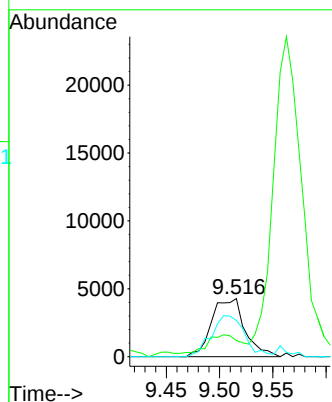
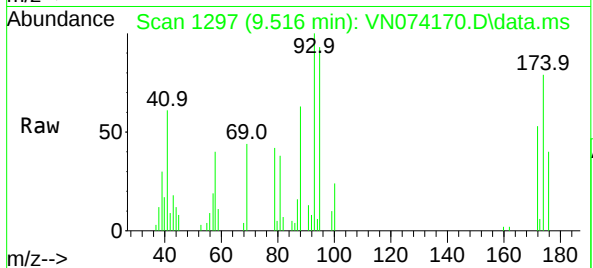




#49
1,4-Dioxane
Concen: 100.533 ug/l
RT: 9.516 min Scan# 1295
Delta R.T. 0.012 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

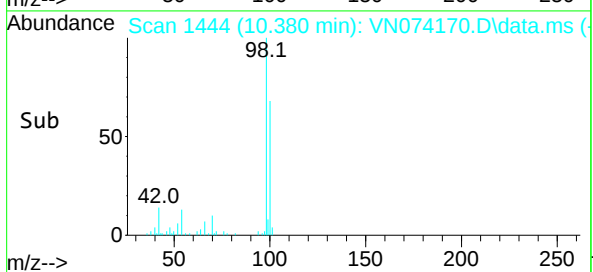
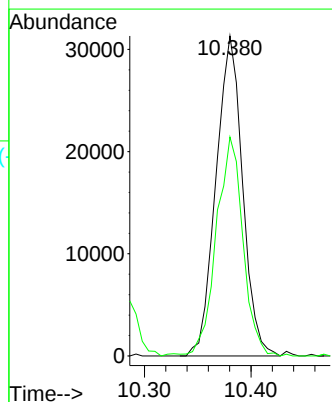
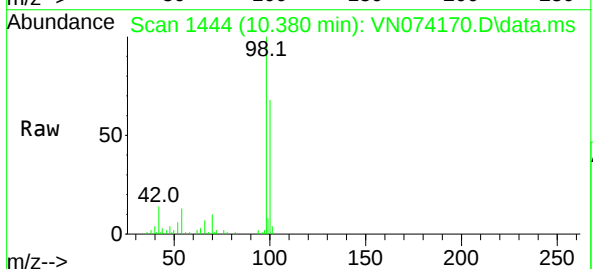
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

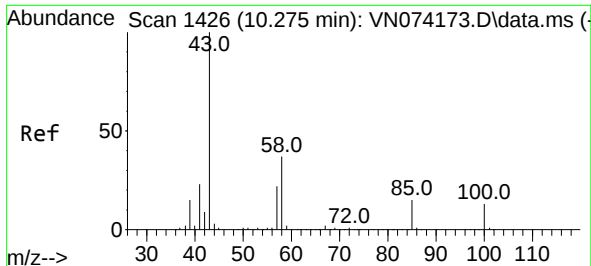
Tgt Ion: 88 Resp: 9267
Ion Ratio Lower Upper
88 100
43 31.4 20.2 30.4#
58 71.1 54.2 81.4



#50
Toluene-d8
Concen: 5.587 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 98 Resp: 54278
Ion Ratio Lower Upper
98 100
100 68.7 52.6 78.8

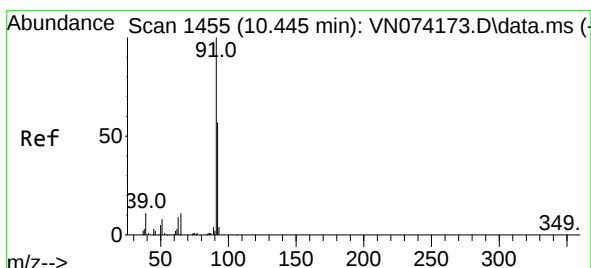
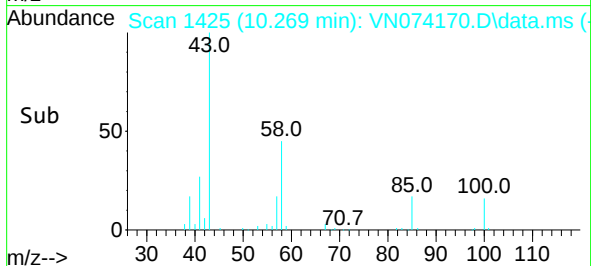
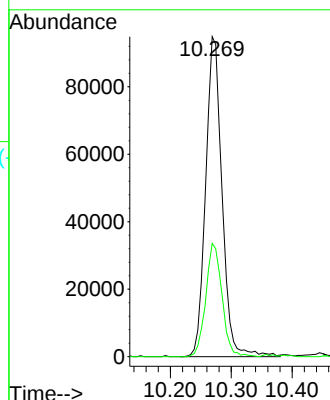
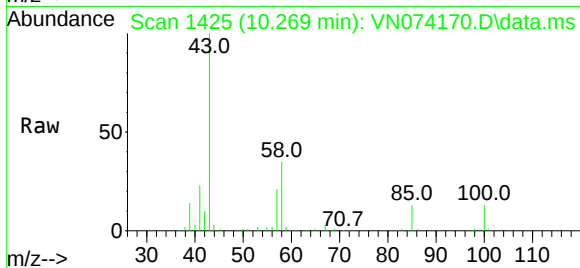




#51
4-Methyl-2-Pentanone
Concen: 27.912 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

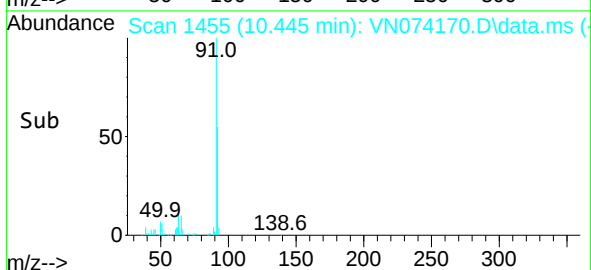
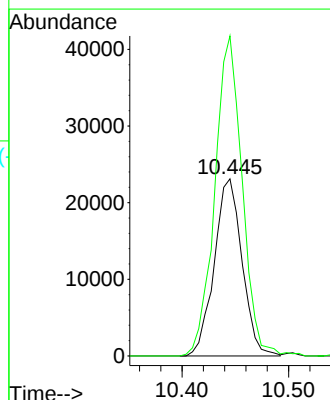
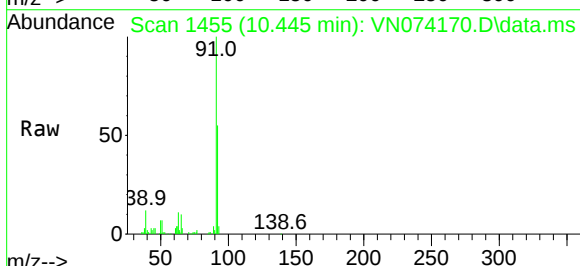
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

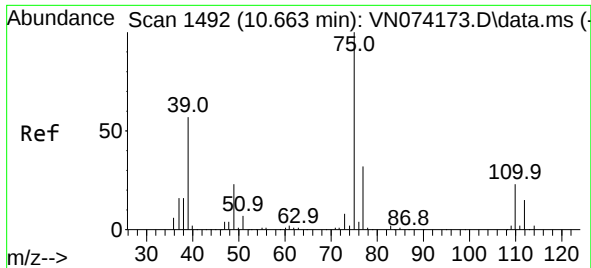
Tgt Ion: 43 Resp: 177720
Ion Ratio Lower Upper
43 100
58 35.0 34.1 51.1



#52
Toluene
Concen: 5.747 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 92 Resp: 41827
Ion Ratio Lower Upper
92 100
91 178.4 138.6 207.8

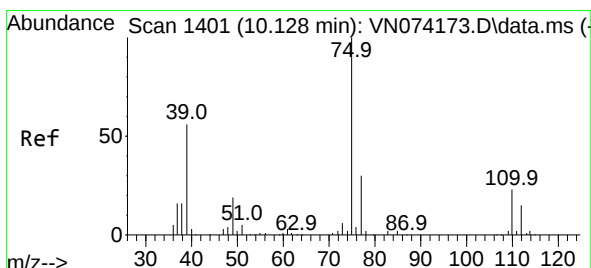
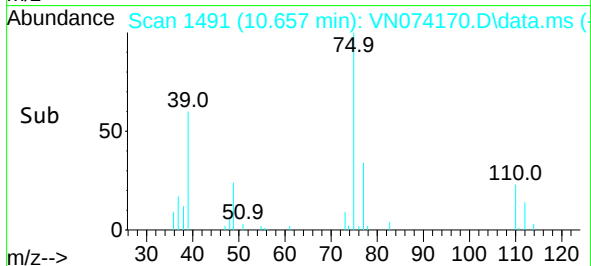
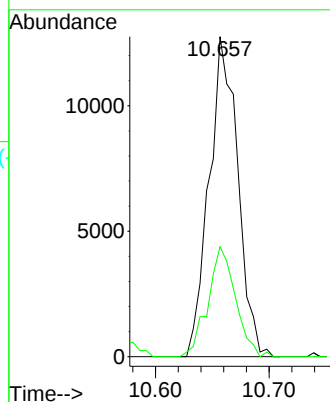
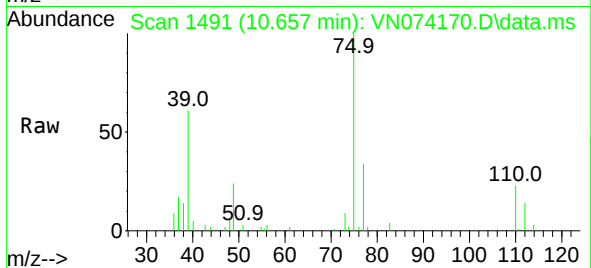




#53
 t-1,3-Dichloropropene
 Concen: 5.452 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.006 min
 Lab File: VN074170.D
 Acq: 30 Aug 2022 12:48

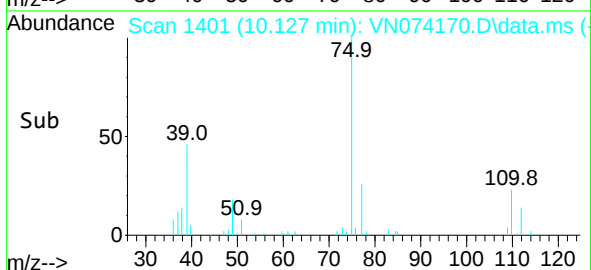
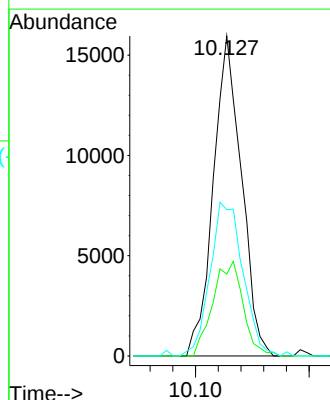
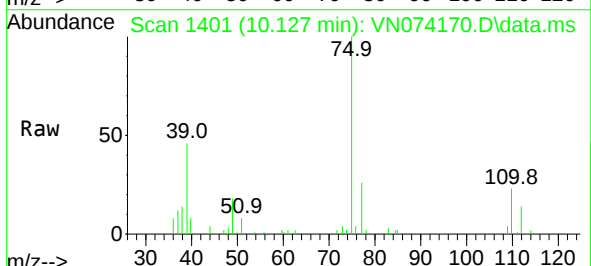
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

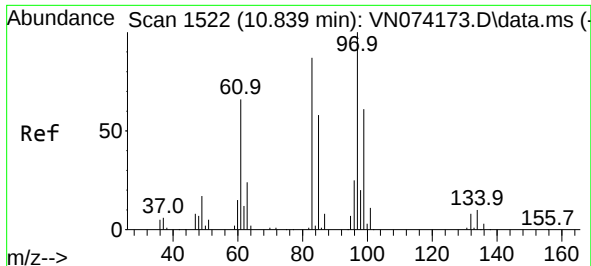
Tgt Ion: 75 Resp: 22347
 Ion Ratio Lower Upper
 75 100
 77 34.3 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 5.747 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. -0.000 min
 Lab File: VN074170.D
 Acq: 30 Aug 2022 12:48

Tgt Ion: 75 Resp: 27454
 Ion Ratio Lower Upper
 75 100
 77 25.6 25.2 37.8
 39 45.7 35.7 53.5

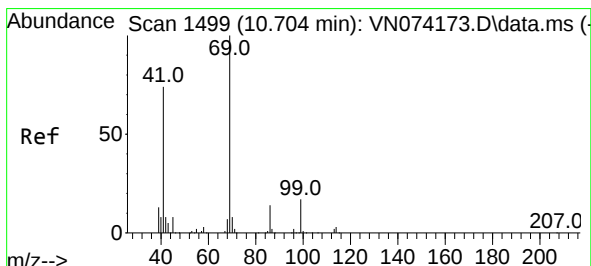
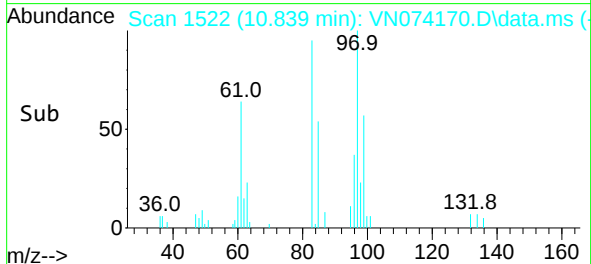
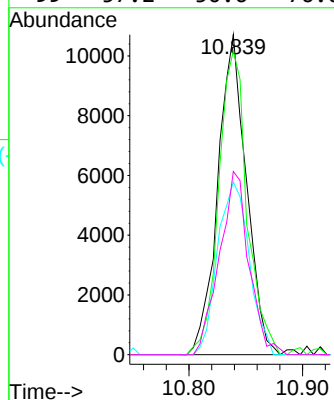
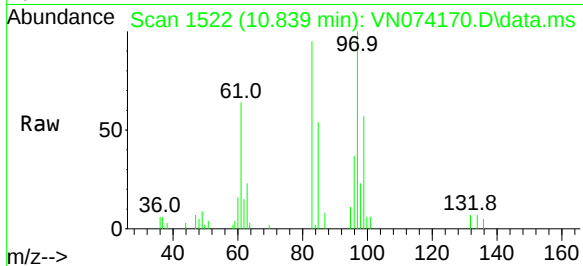




#55
 1,1,2-Trichloroethane
 Concen: 5.881 ug/l
 RT: 10.839 min Scan# 1522
 Delta R.T. -0.000 min
 Lab File: VN074170.D
 Acq: 30 Aug 2022 12:48

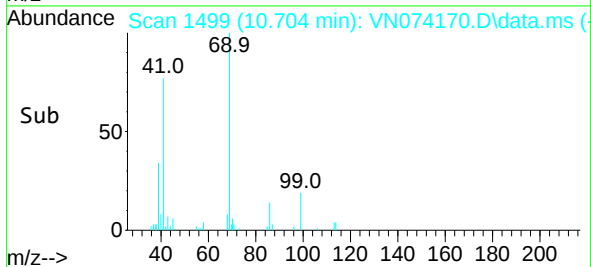
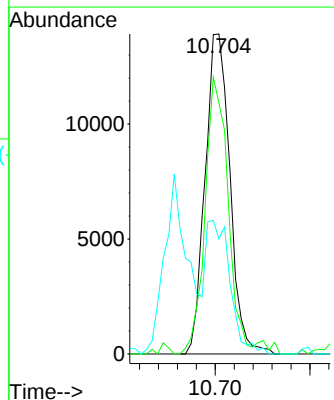
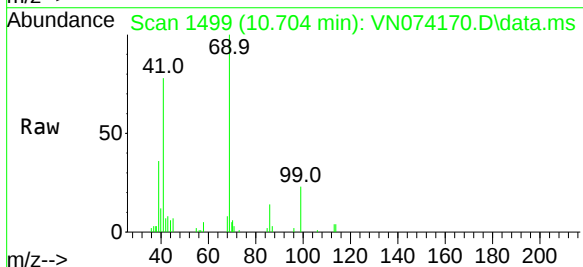
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

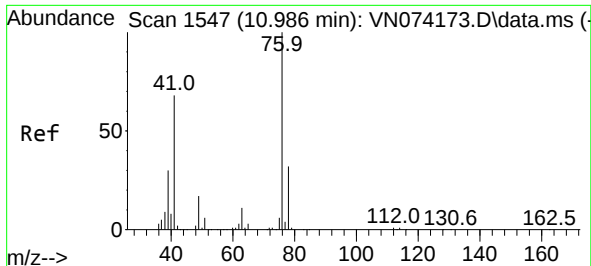
Tgt Ion:	97	Resp:	18681
Ion	Ratio	Lower	Upper
97	100		
83	95.0	66.2	99.4
85	54.0	43.9	65.9
99	57.2	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 5.312 ug/l
 RT: 10.704 min Scan# 1499
 Delta R.T. -0.000 min
 Lab File: VN074170.D
 Acq: 30 Aug 2022 12:48

Tgt Ion:	69	Resp:	25282
Ion	Ratio	Lower	Upper
69	100		
41	79.9	47.8	71.6#
39	40.0	27.3	40.9





#57

1,3-Dichloropropane

Concen: 5.896 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. -0.000 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

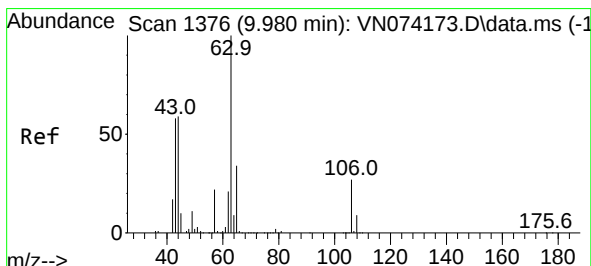
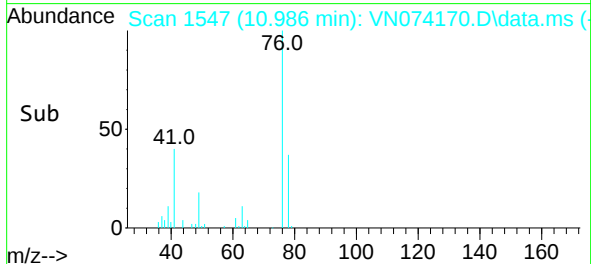
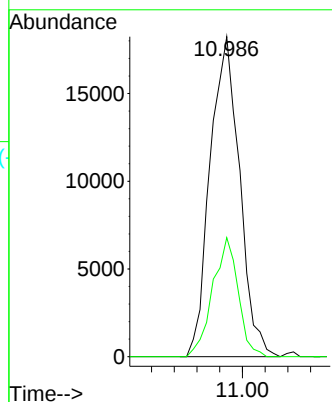
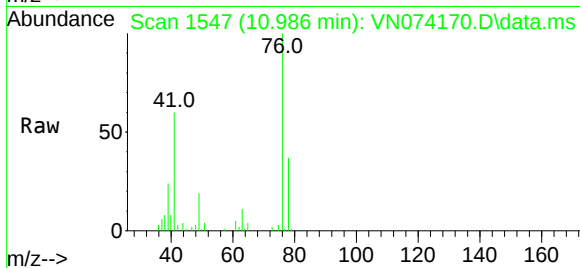
VSTDIC005

Tgt Ion: 76 Resp: 32892

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 27.082 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VN074170.D

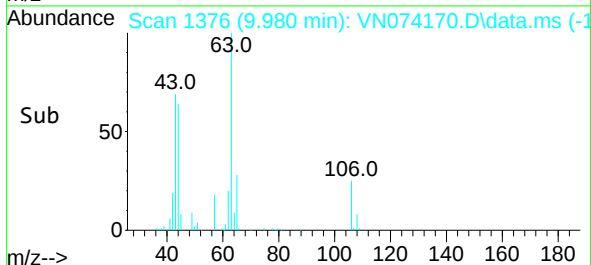
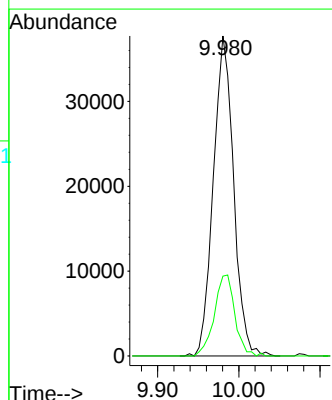
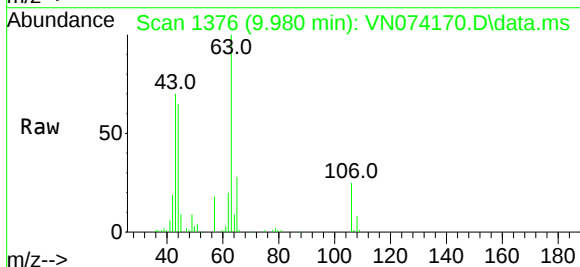
Acq: 30 Aug 2022 12:48

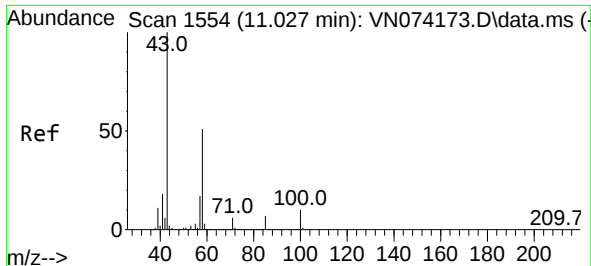
Tgt Ion: 63 Resp: 65499

Ion Ratio Lower Upper

63 100

106 25.6 24.6 36.8

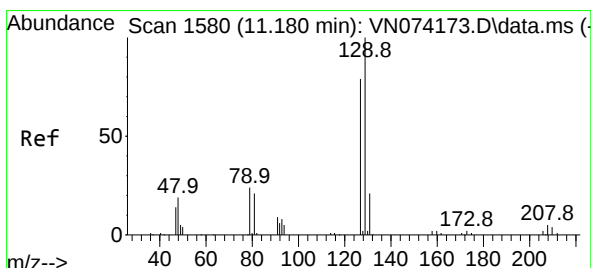
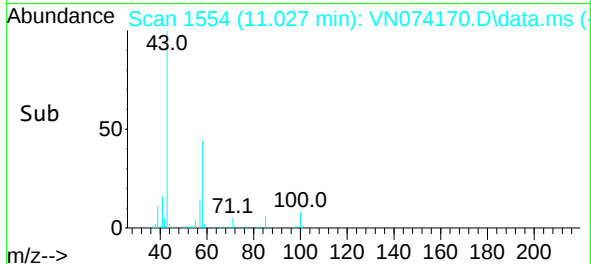
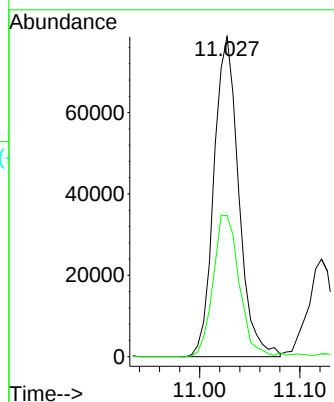
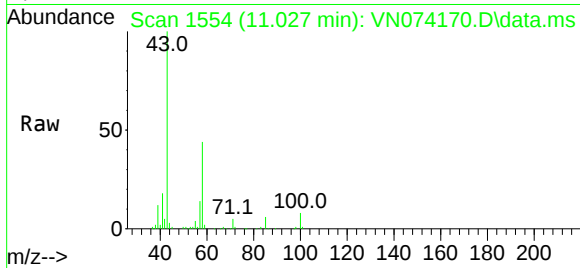




#59
2-Hexanone
Concen: 27.382 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

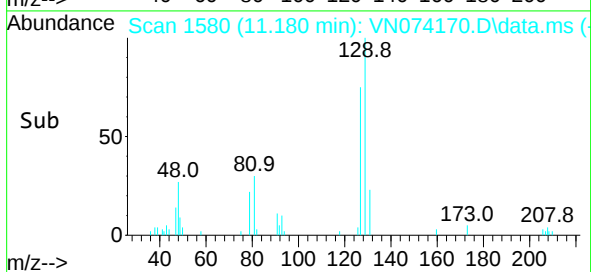
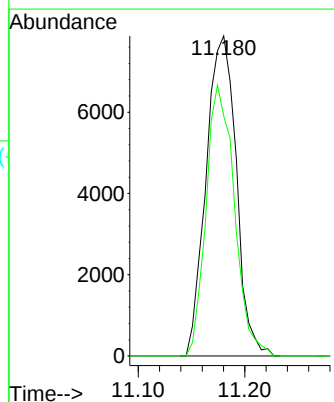
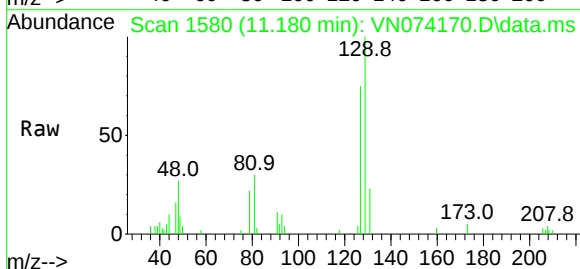
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

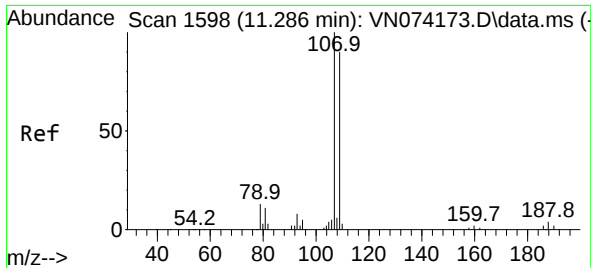
Tgt Ion: 43 Resp: 135103
Ion Ratio Lower Upper
43 100
58 46.4 29.7 89.1



#60
Dibromochloromethane
Concen: 5.149 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 129 Resp: 15464
Ion Ratio Lower Upper
129 100
127 79.6 38.8 116.4

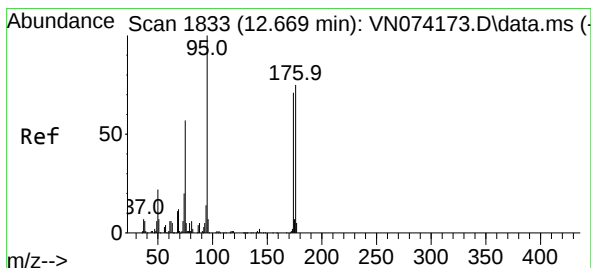
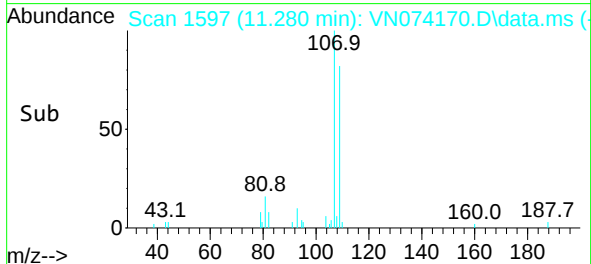
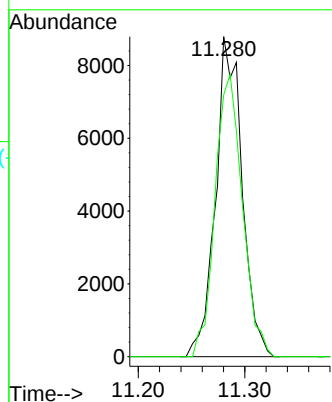
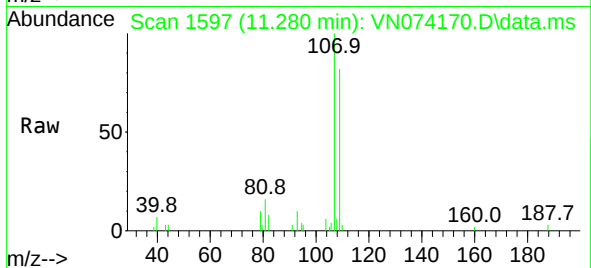




#61
1,2-Dibromoethane
Concen: 4.929 ug/l
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

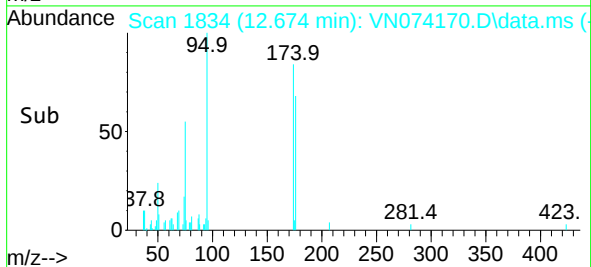
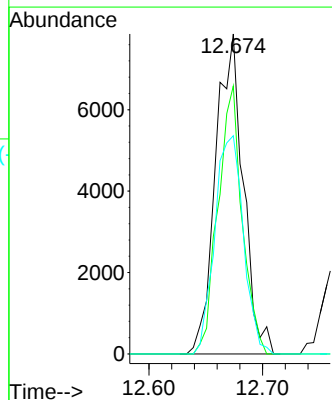
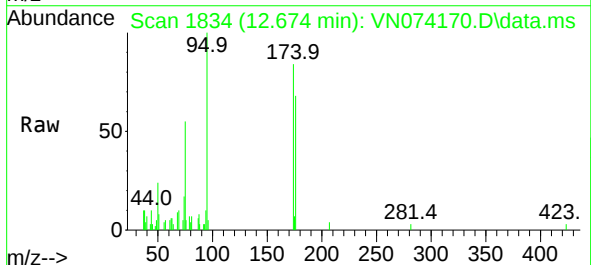
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

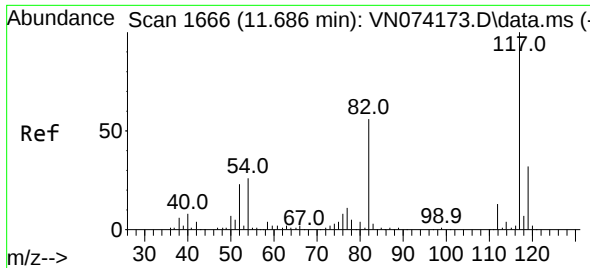
Tgt Ion:107 Resp: 15154
Ion Ratio Lower Upper
107 100
109 91.4 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 4.482 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 95 Resp: 13243
Ion Ratio Lower Upper
95 100
174 73.6 0.0 167.6
176 70.8 0.0 163.4

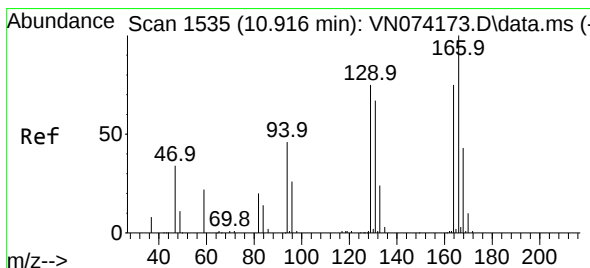
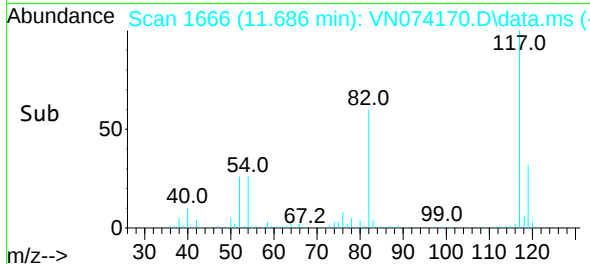
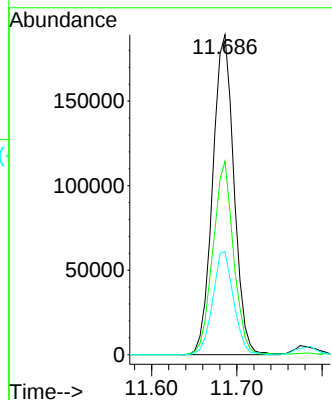
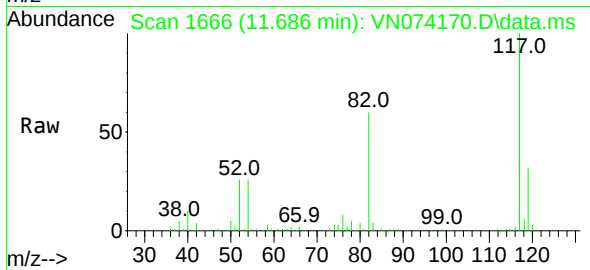




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

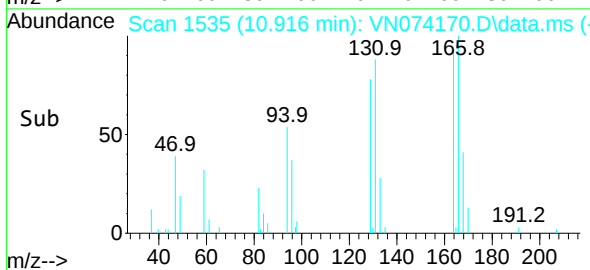
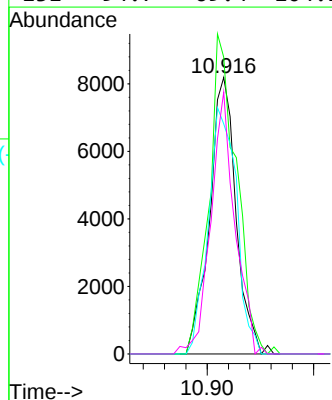
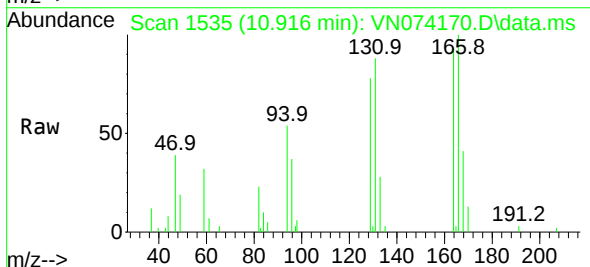
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

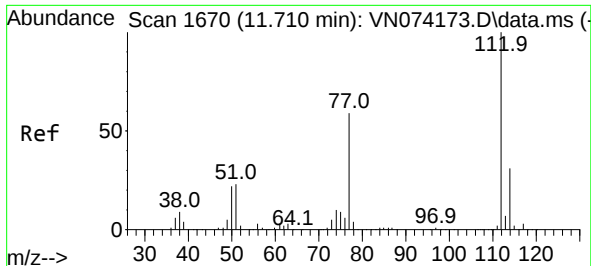
Tgt Ion:117 Resp: 327875
Ion Ratio Lower Upper
117 100
82 60.5 44.2 66.2
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 6.011 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion:164 Resp: 14128
Ion Ratio Lower Upper
164 100
166 107.4 104.2 156.2
129 83.2 73.9 110.9
131 94.7 69.4 104.2

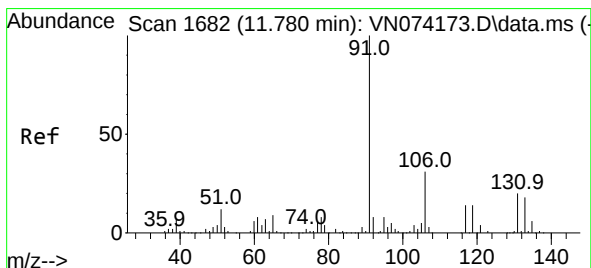
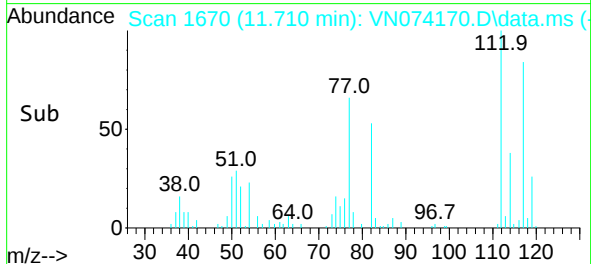
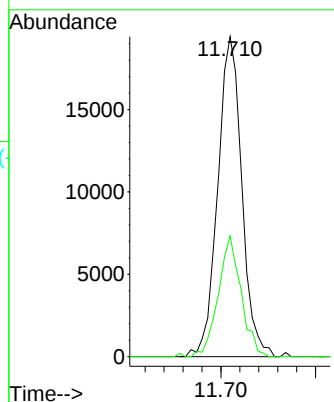
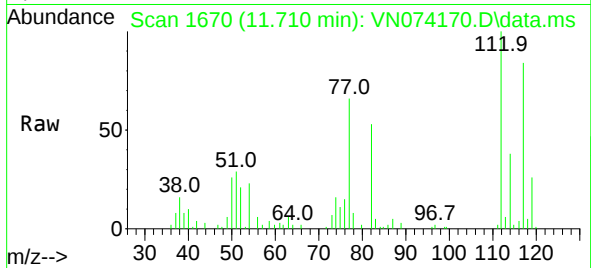




#65
Chlorobenzene
Concen: 4.605 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

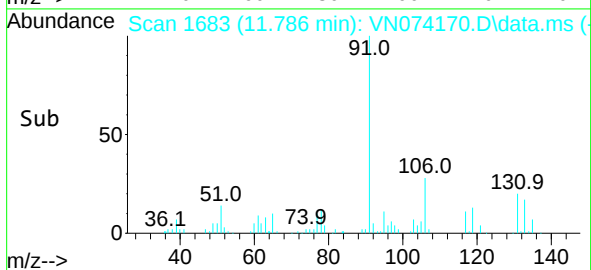
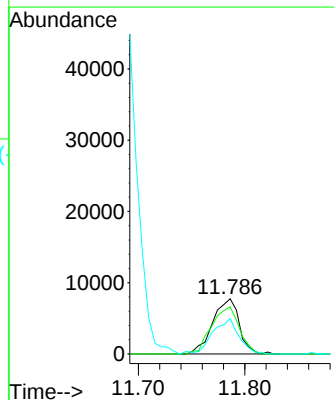
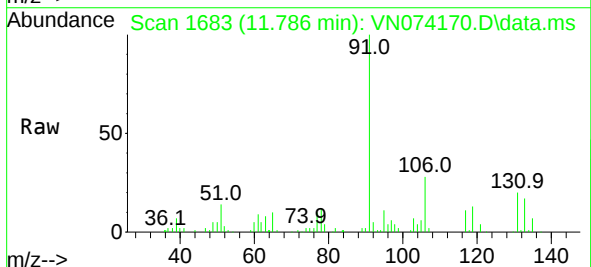
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

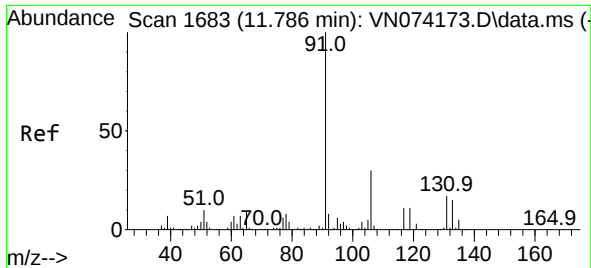
Tgt Ion:112 Resp: 34254
Ion Ratio Lower Upper
112 100
114 37.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 4.915 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion:131 Resp: 13375
Ion Ratio Lower Upper
131 100
133 89.6 47.8 143.4
119 63.4 33.4 100.2

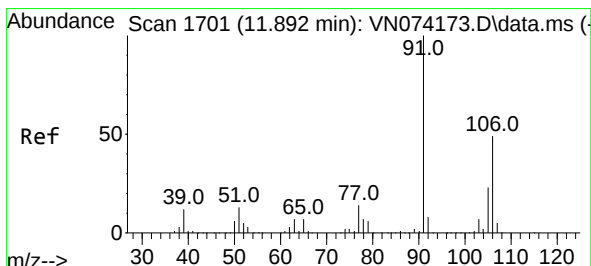
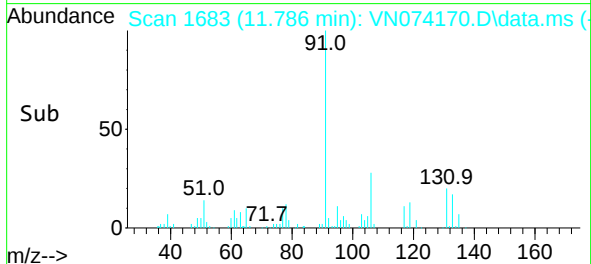
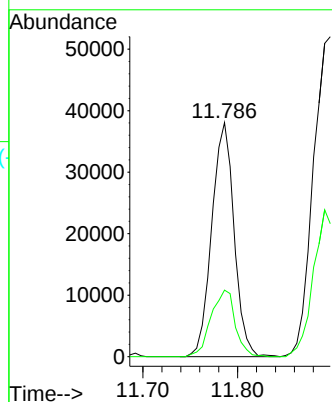
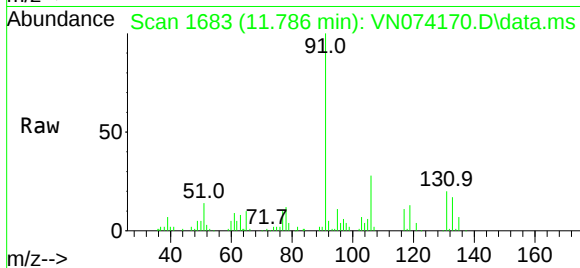




#67
Ethyl Benzene
Concen: 4.792 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

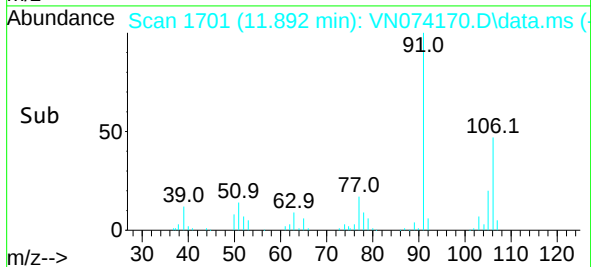
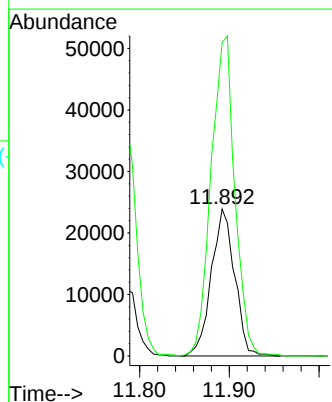
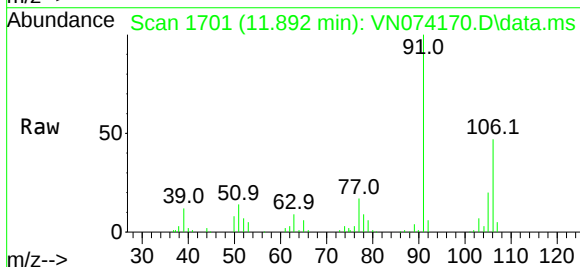
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

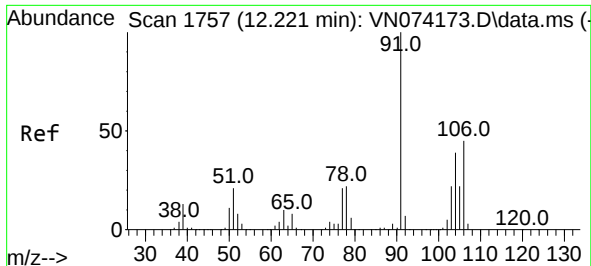
Tgt Ion: 91 Resp: 62341
Ion Ratio Lower Upper
91 100
106 28.4 24.9 37.3



#68
m/p-Xylenes
Concen: 9.063 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 106 Resp: 43153
Ion Ratio Lower Upper
106 100
91 221.9 158.9 238.3

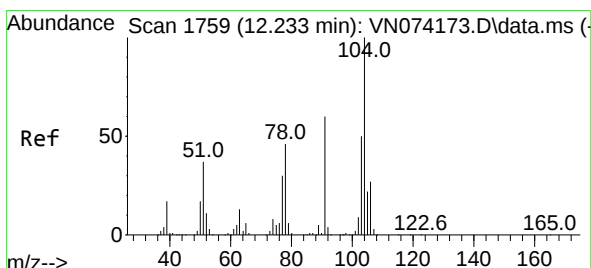
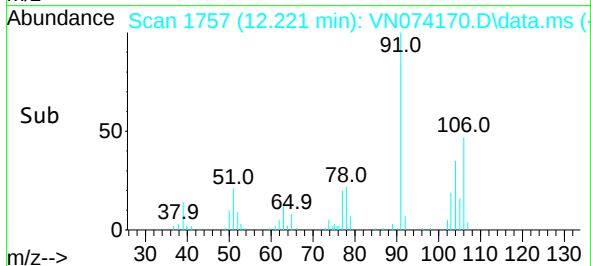
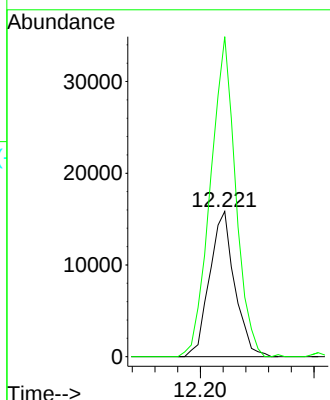
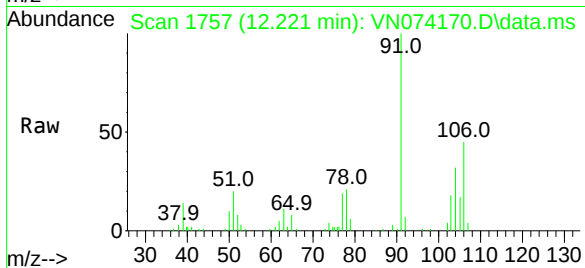




#69
o-Xylene
Concen: 4.982 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

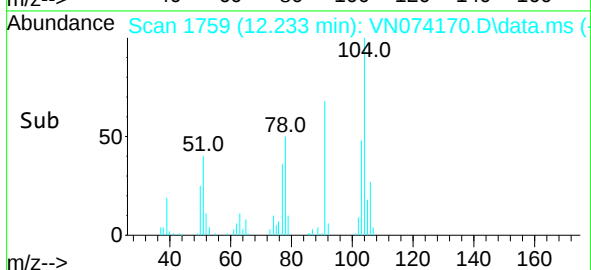
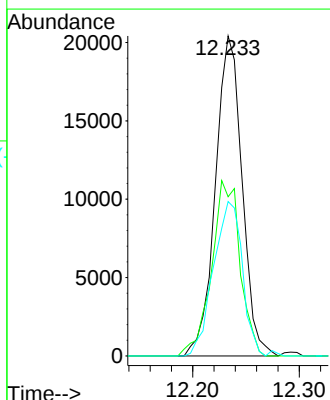
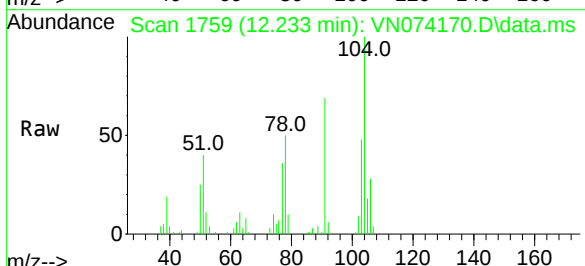
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

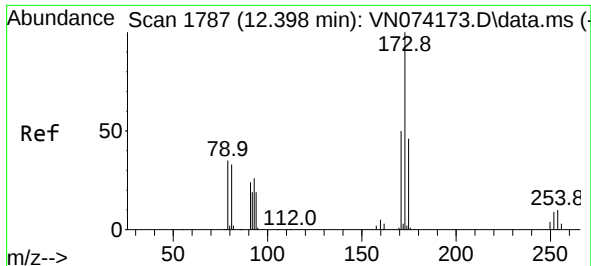
Tgt Ion:106 Resp: 24222
Ion Ratio Lower Upper
106 100
91 221.9 106.0 318.0



#70
Styrene
Concen: 4.584 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion:104 Resp: 35496
Ion Ratio Lower Upper
104 100
78 58.4 39.5 59.3
103 52.2 44.0 66.0

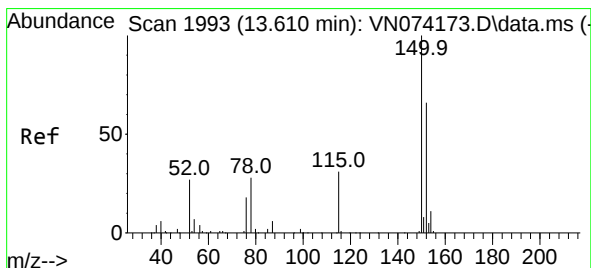
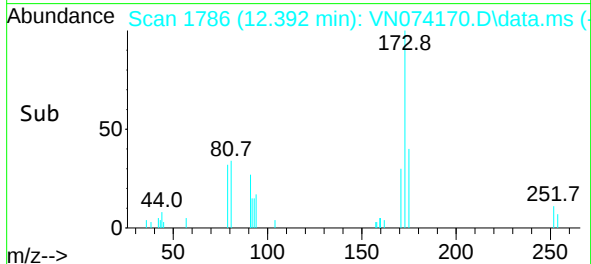
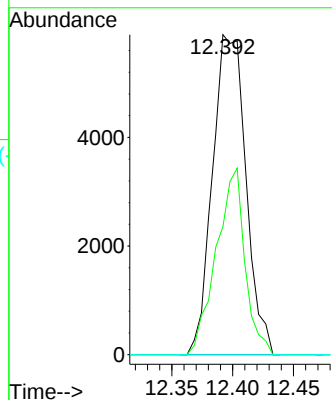
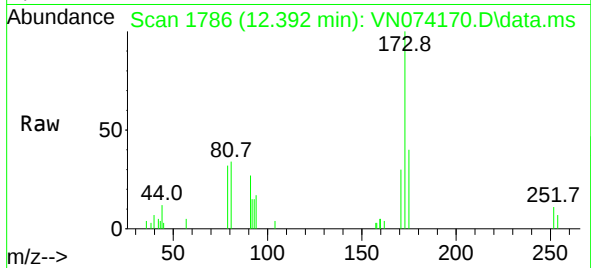




#71
Bromoform
Concen: 5.265 ug/l
RT: 12.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

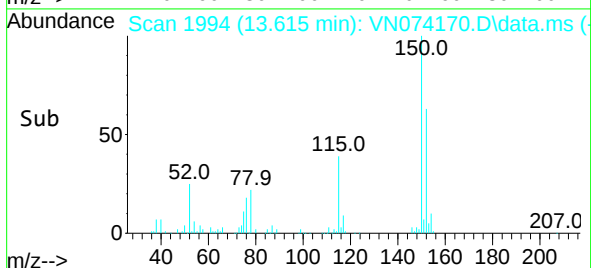
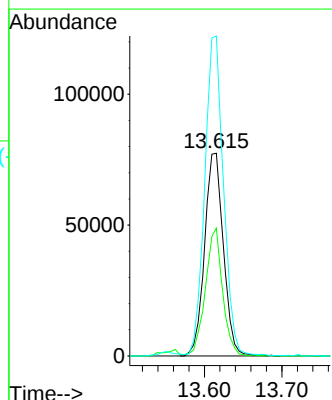
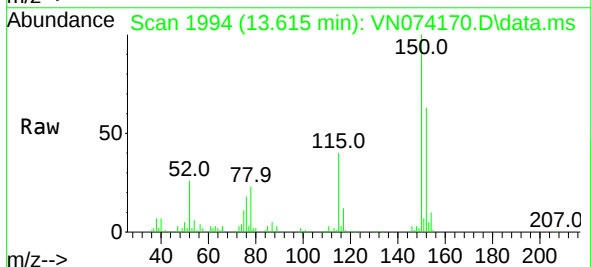
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

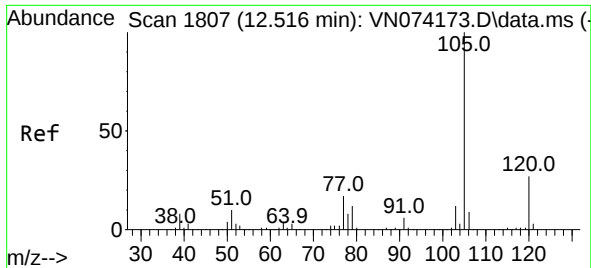
Tgt Ion:173 Resp: 11242
Ion Ratio Lower Upper
173 100
175 50.0 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion:152 Resp: 130753
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.7
150 156.4 0.0 356.2

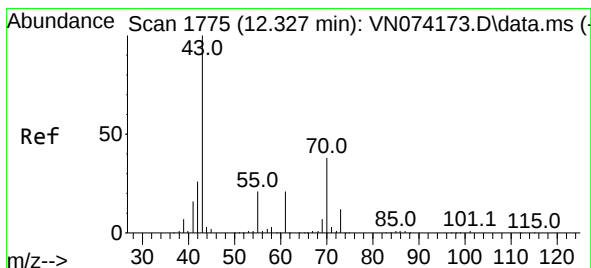
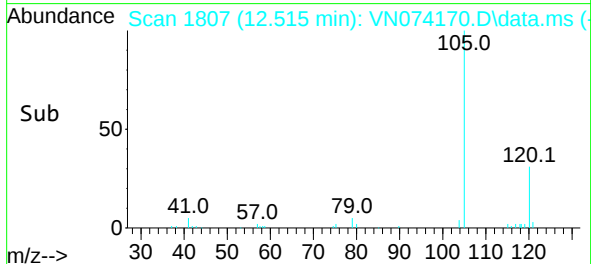
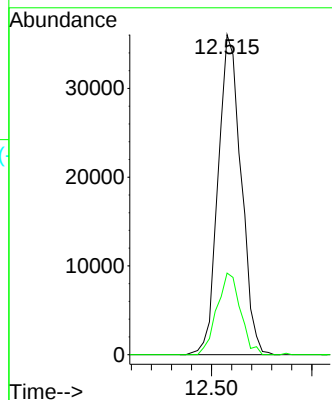
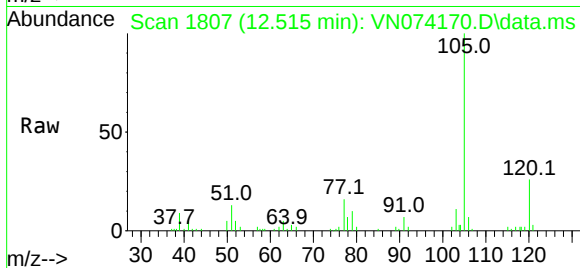




#73
Isopropylbenzene
Concen: 5.218 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

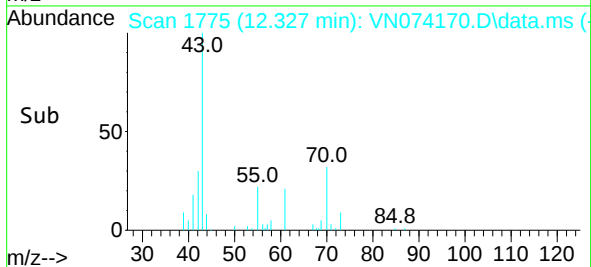
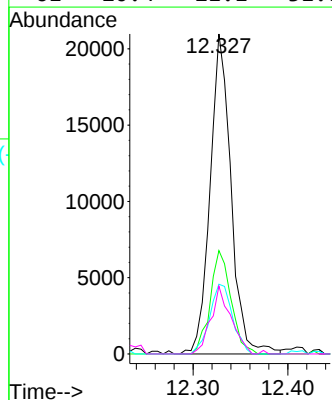
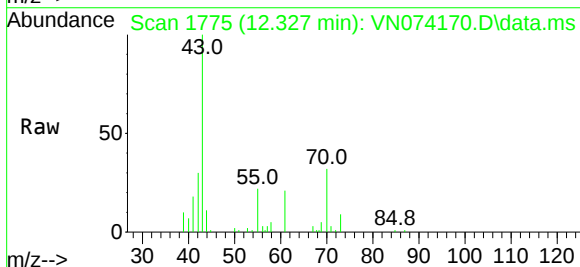
Instrument :
MSVOA_N
ClientSampleId :
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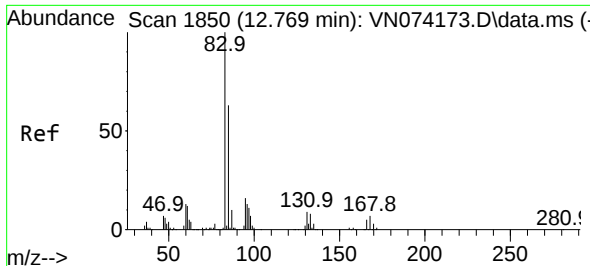
Tgt Ion:105 Resp: 57545
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4



#74
N-ethyl acetate
Concen: 5.297 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 43 Resp: 32168
Ion Ratio Lower Upper
43 100
70 32.2 39.0 58.4#
55 23.8 21.1 31.7
61 20.4 21.1 31.7#

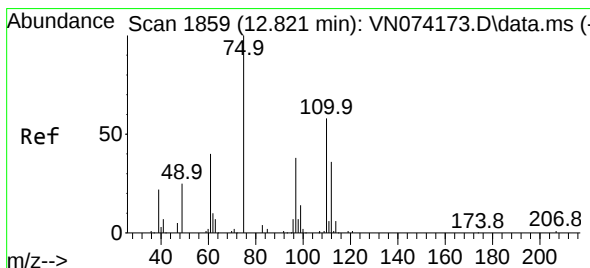
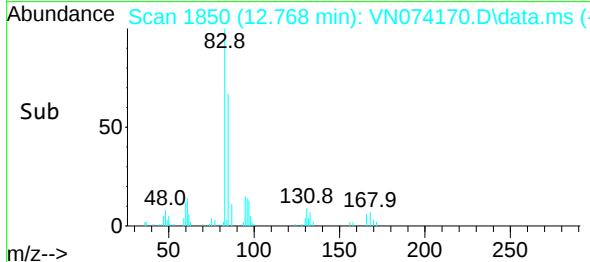
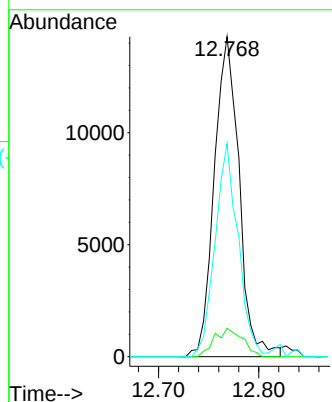
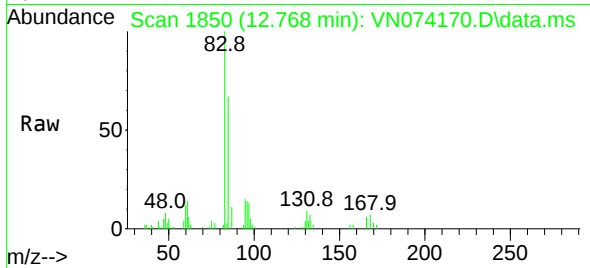




#75
1,1,2,2-Tetrachloroethane
Concen: 5.242 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

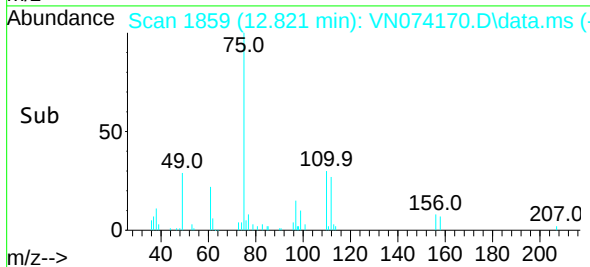
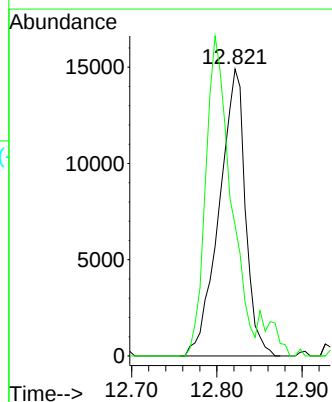
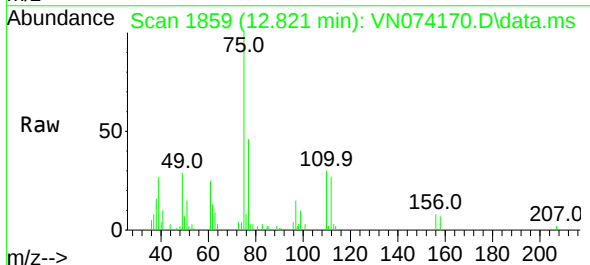
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

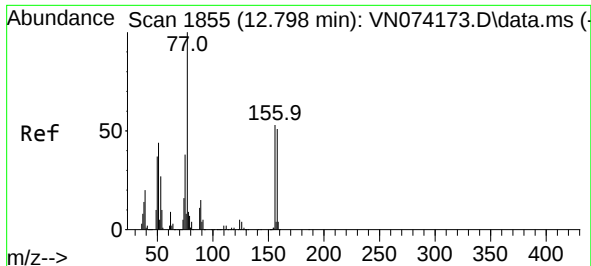
Tgt Ion: 83 Resp: 24498
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.9
85 61.8 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 6.588 ug/l
RT: 12.821 min Scan# 1859
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 75 Resp: 31946
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#

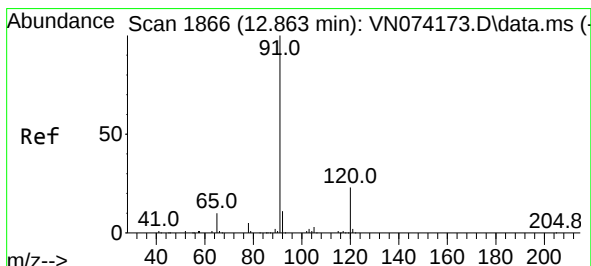
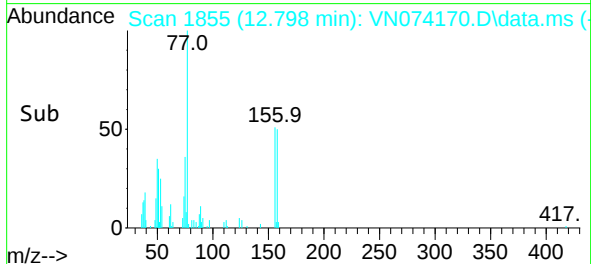
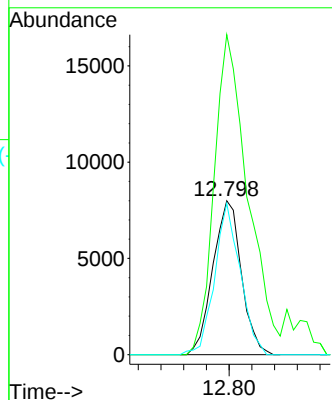
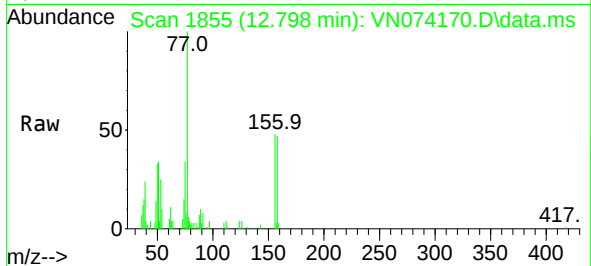




#77
Bromobenzene
Concen: 5.473 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

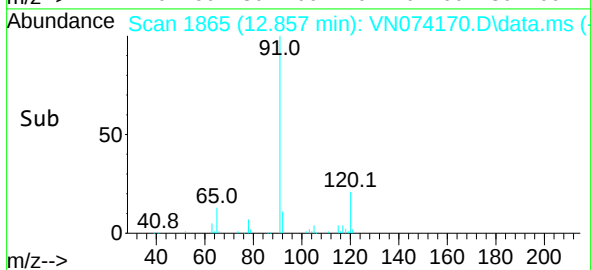
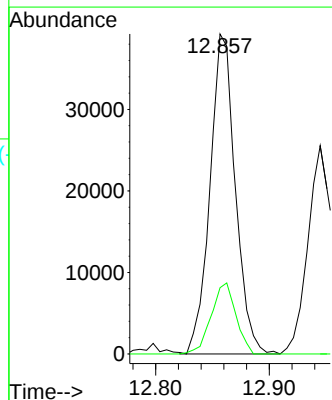
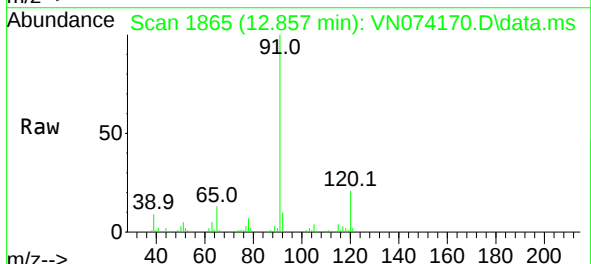
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

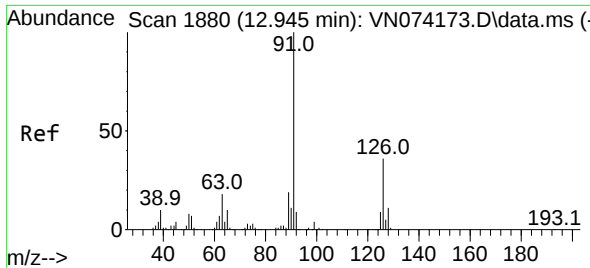
Tgt Ion:156 Resp: 13906
Ion Ratio Lower Upper
156 100
77 245.9 100.5 301.5
158 88.5 48.9 146.6



#78
n-propylbenzene
Concen: 4.752 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 91 Resp: 60898
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.5

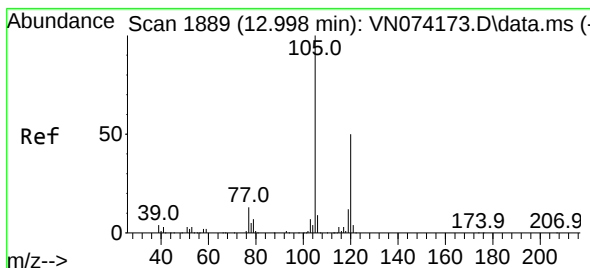
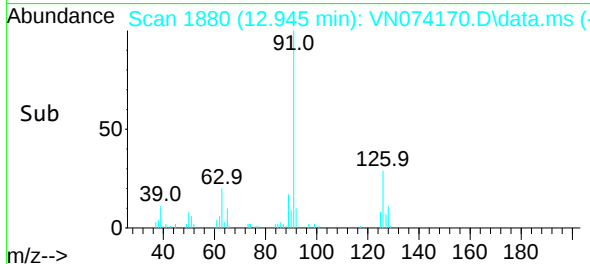
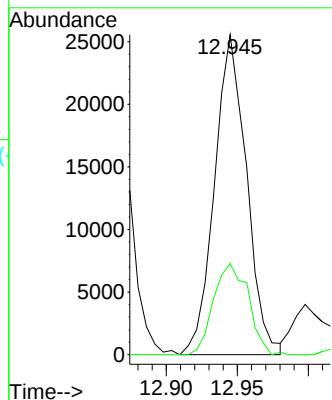
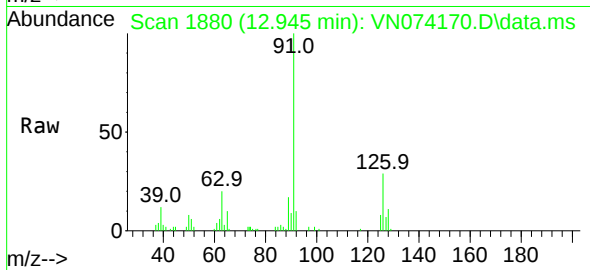




#79
2-Chlorotoluene
Concen: 5.101 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

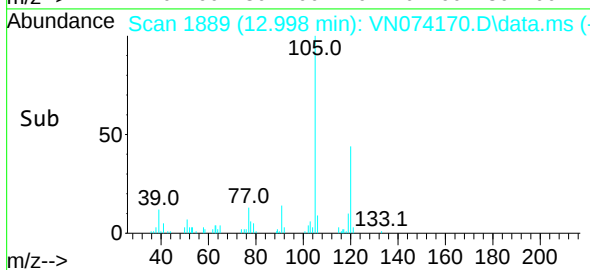
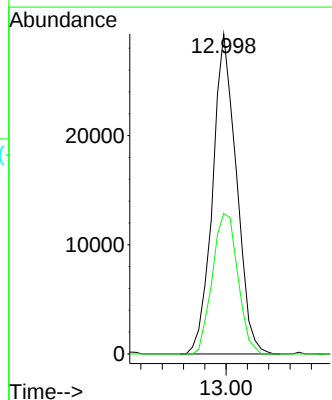
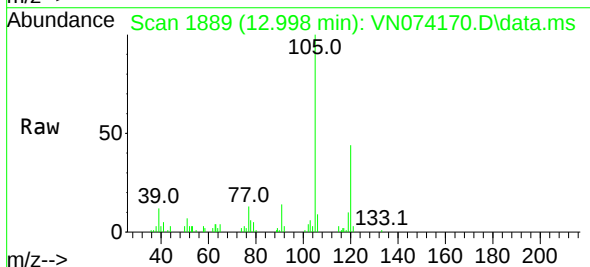
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

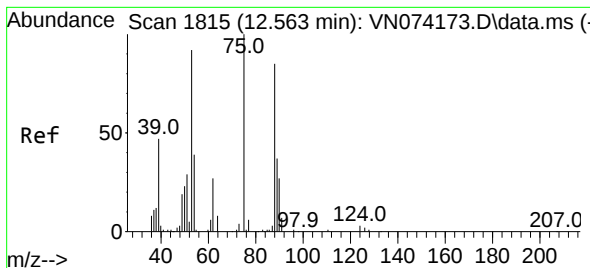
Tgt Ion: 91 Resp: 40069
Ion Ratio Lower Upper
91 100
126 31.0 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 4.921 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 105 Resp: 45405
Ion Ratio Lower Upper
105 100
120 46.8 24.9 74.7

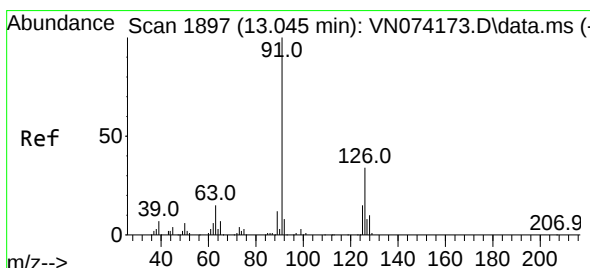
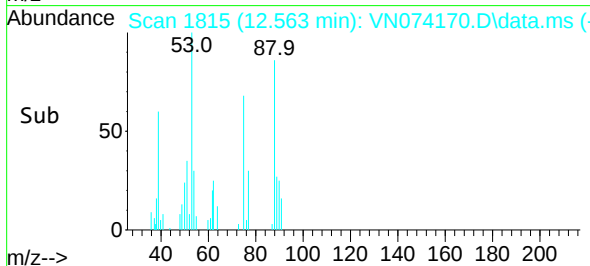
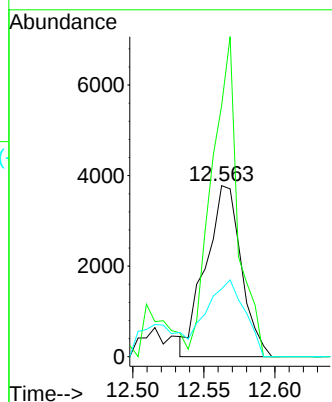
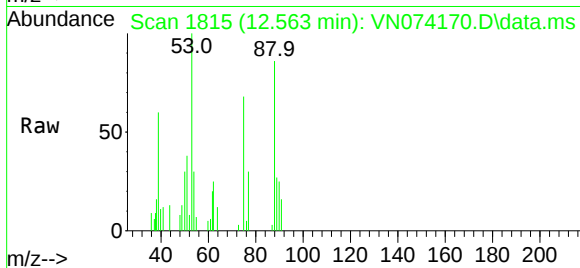




#81
trans-1,4-Dichloro-2-butene
Concen: 5.204 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

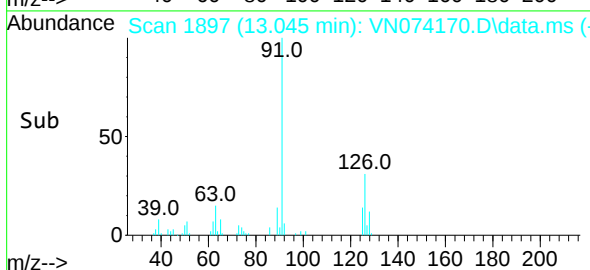
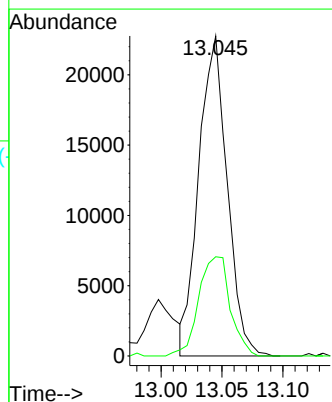
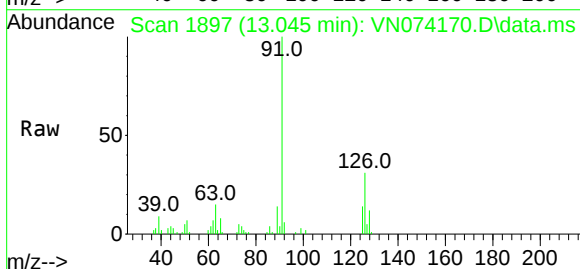
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

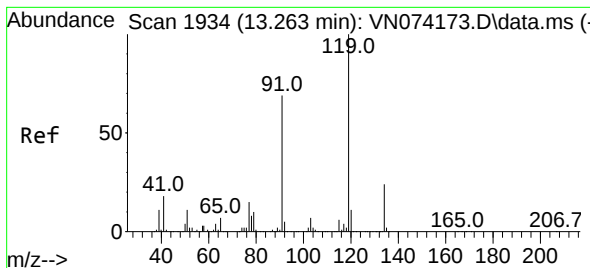
Tgt Ion: 75 Resp: 6555
Ion Ratio Lower Upper
75 100
53 137.9 78.0 117.0#
89 48.3 37.2 55.8



#82
4-Chlorotoluene
Concen: 4.832 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion: 91 Resp: 36892
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 5.006 ug/l

RT: 13.262 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

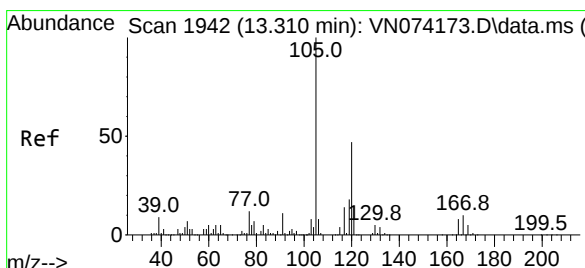
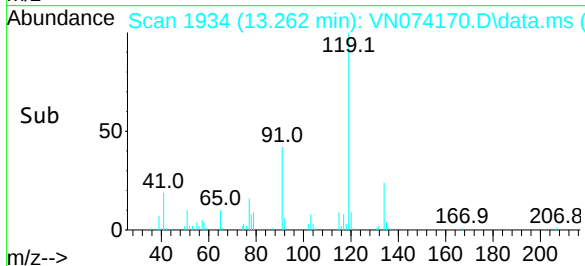
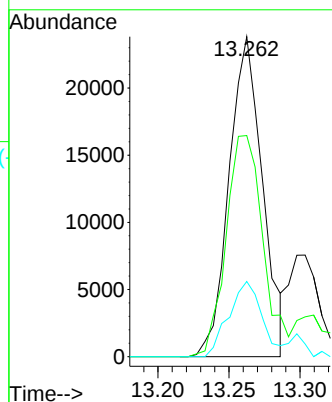
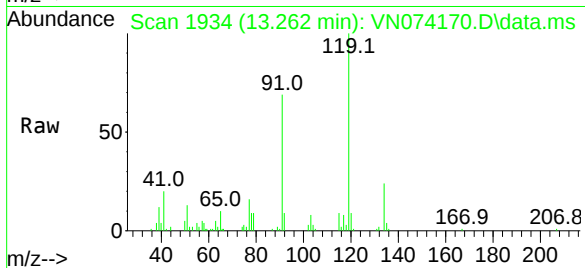
Tgt Ion:119 Resp: 39065

Ion Ratio Lower Upper

119 100

91 76.0 31.6 94.8

134 23.1 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 4.743 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.000 min

Lab File: VN074170.D

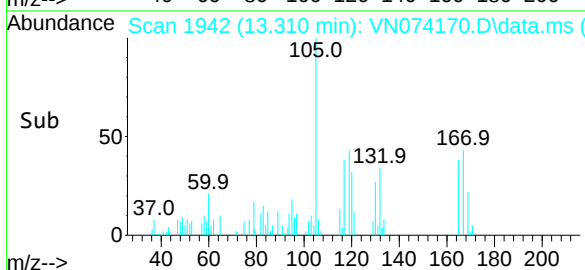
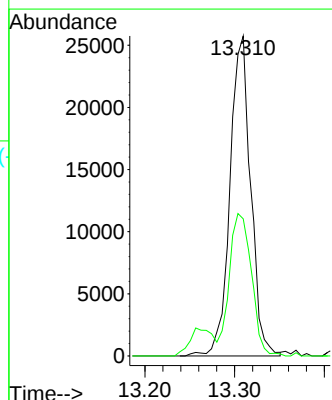
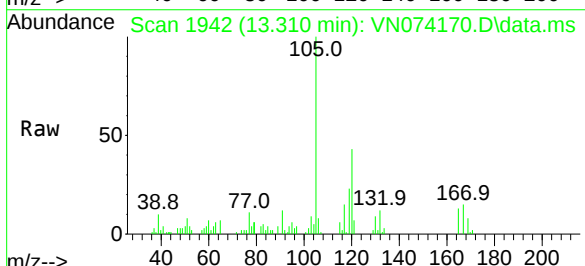
Acq: 30 Aug 2022 12:48

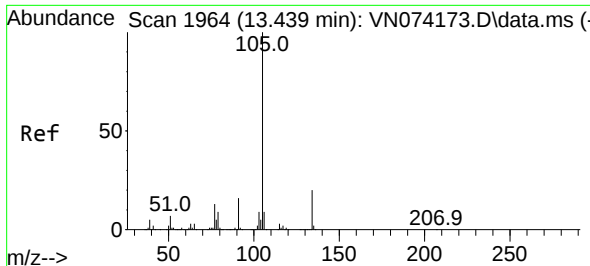
Tgt Ion:105 Resp: 41306

Ion Ratio Lower Upper

105 100

120 47.5 23.3 69.8

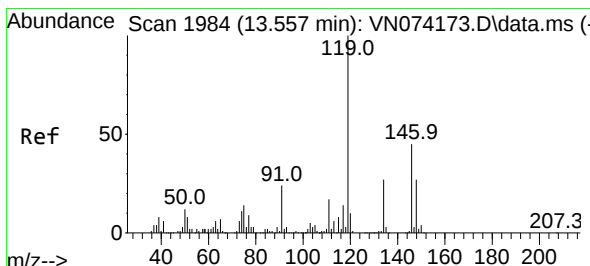
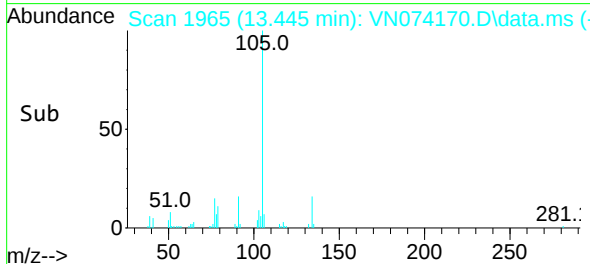
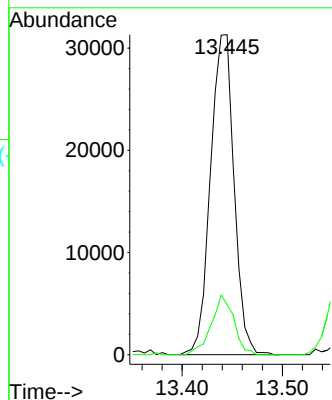
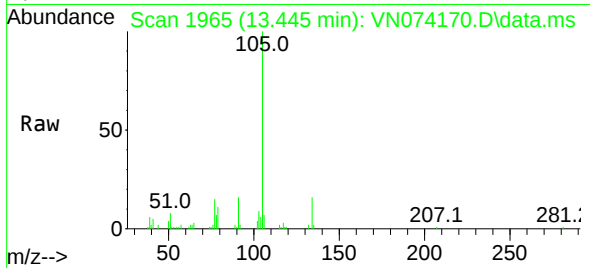




#85
 sec-Butylbenzene
 Concen: 4.653 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.006 min
 Lab File: VN074170.D
 Acq: 30 Aug 2022 12:48

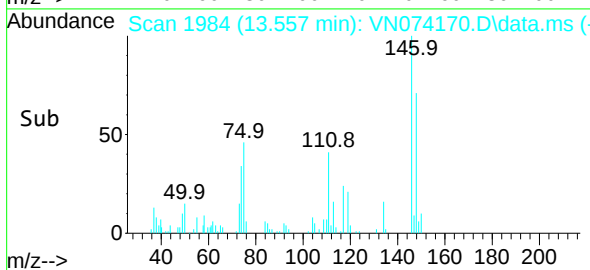
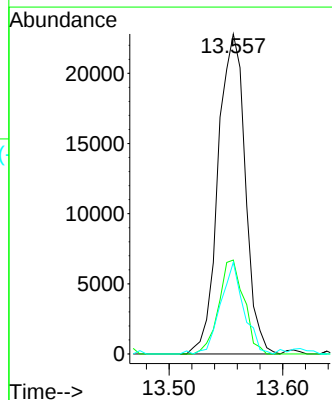
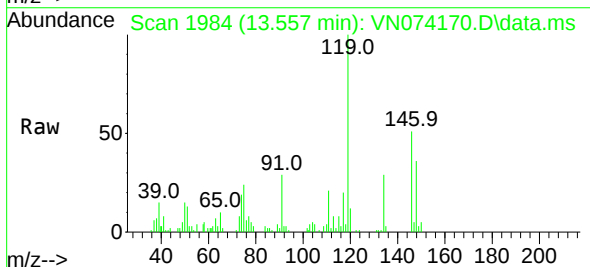
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

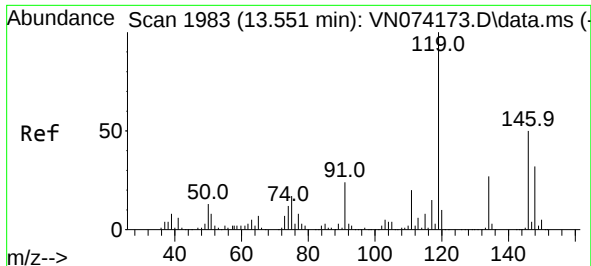
Tgt Ion:105 Resp: 51178
 Ion Ratio Lower Upper
 105 100
 134 17.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 4.535 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074170.D
 Acq: 30 Aug 2022 12:48

Tgt Ion:119 Resp: 37738
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.3 39.8
 91 24.6 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 4.565 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

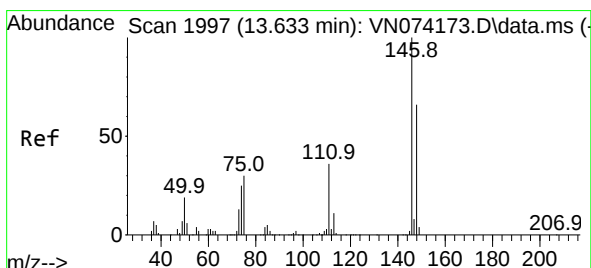
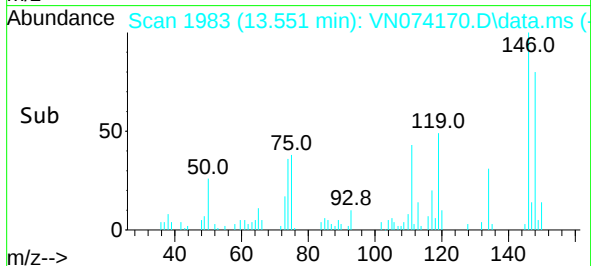
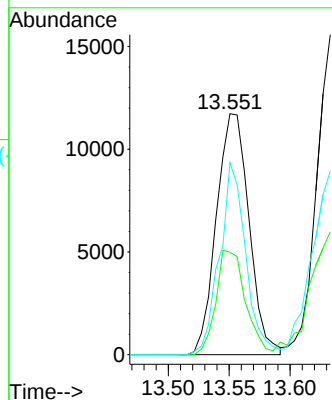
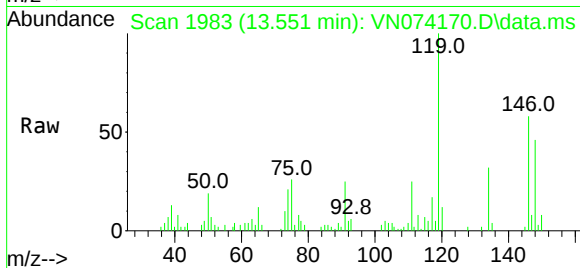
Tgt Ion:146 Resp: 21849

Ion Ratio Lower Upper

146 100

111 39.3 20.0 60.0

148 64.2 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 4.894 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. -0.000 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

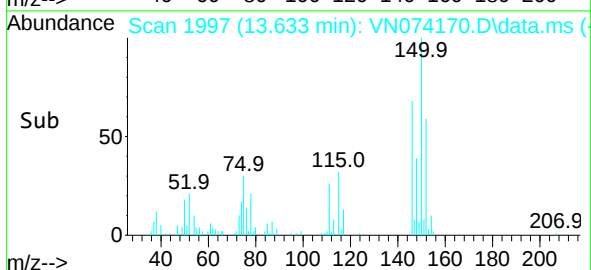
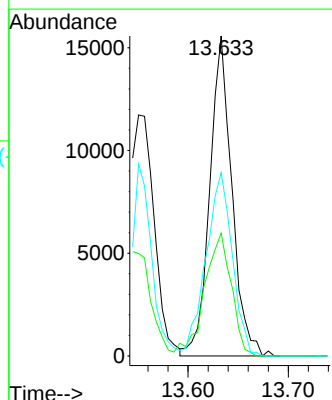
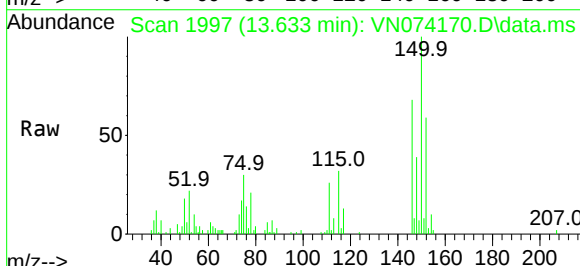
Tgt Ion:146 Resp: 23917

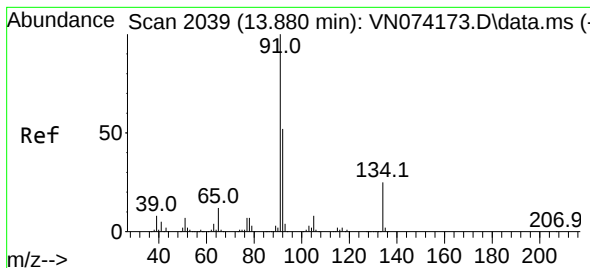
Ion Ratio Lower Upper

146 100

111 46.4 19.1 57.1

148 68.3 31.4 94.3





#89

n-Butylbenzene

Concen: 4.189 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. -0.000 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

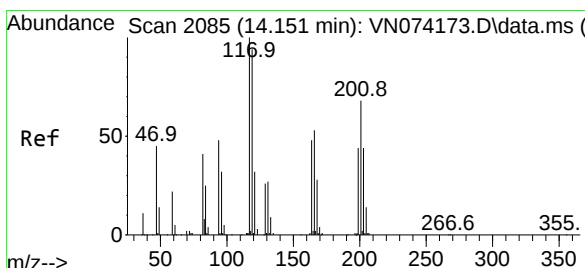
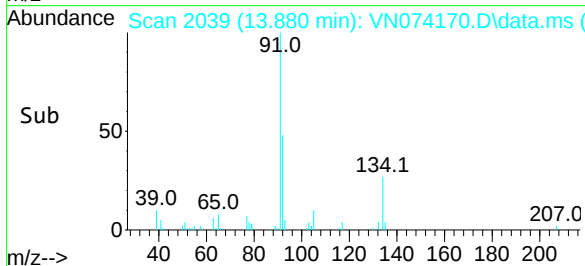
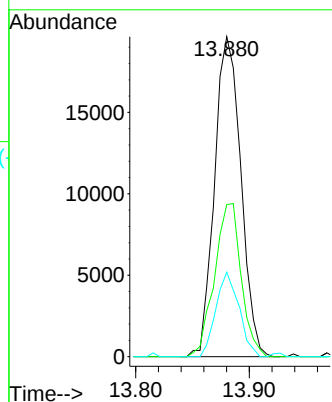
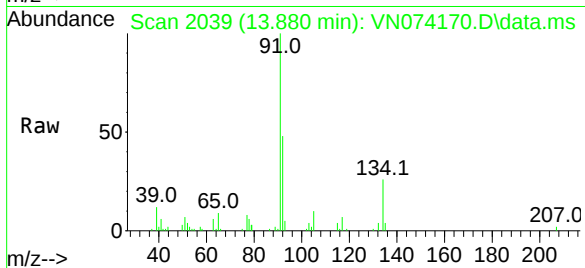
Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:	91	Resp:	31667
Ion	Ratio	Lower	Upper
91	100		
92	48.5	26.9	80.7
134	23.1	13.6	40.8



#90

Hexachloroethane

Concen: 5.176 ug/l

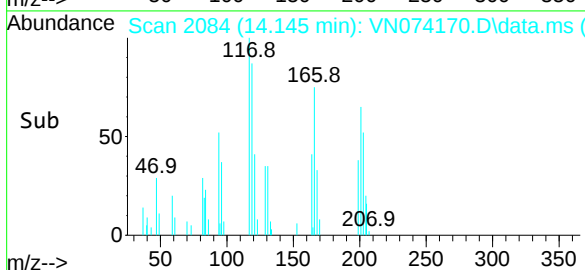
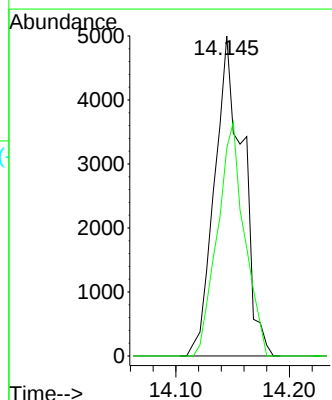
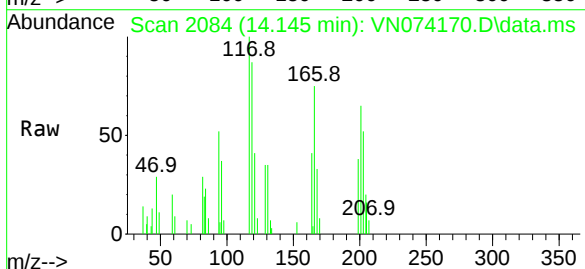
RT: 14.145 min Scan# 2084

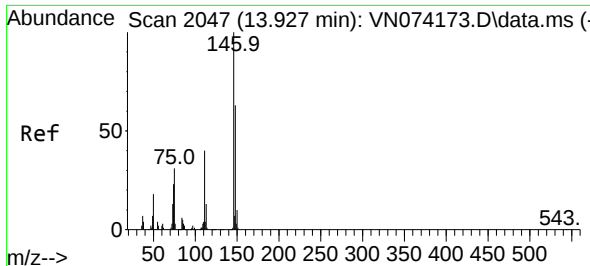
Delta R.T. -0.006 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

Tgt Ion:	117	Resp:	8667
Ion	Ratio	Lower	Upper
117	100		
201	69.7	40.6	122.0





#91

1,2-Dichlorobenzene

Concen: 4.593 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

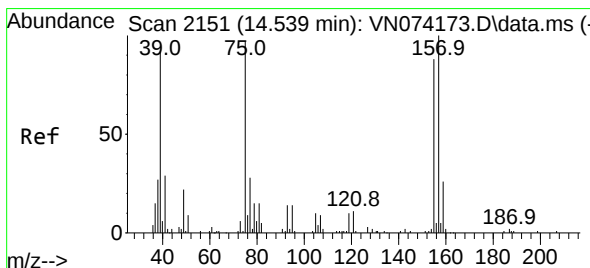
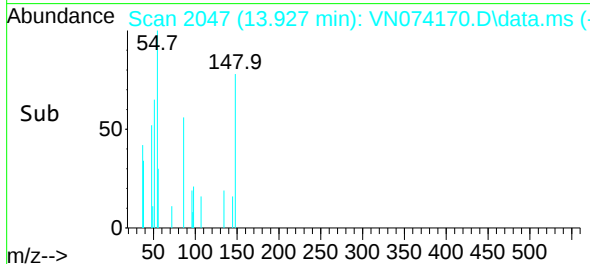
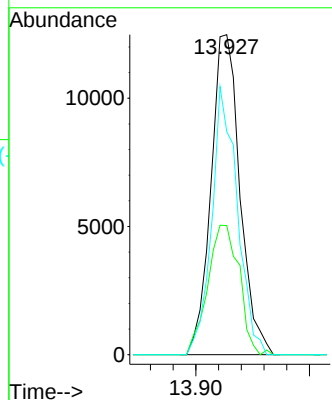
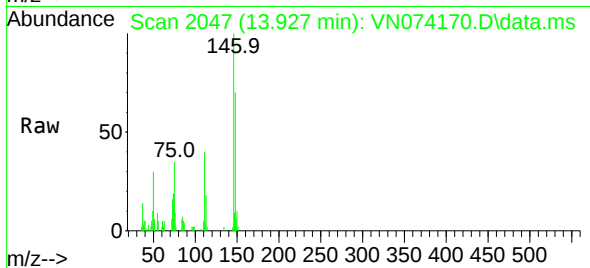
Tgt Ion:146 Resp: 22101

Ion Ratio Lower Upper

146 100

111 43.9 20.9 62.8

148 73.9 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.634 ug/l

RT: 14.539 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

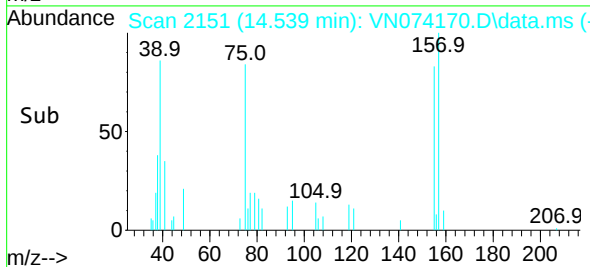
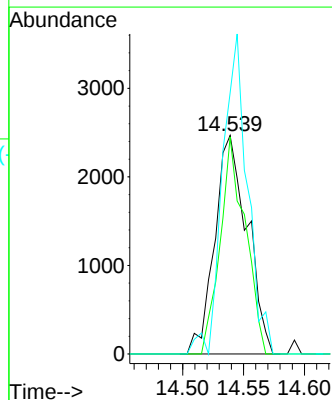
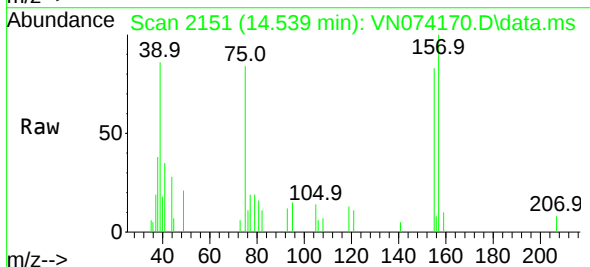
Tgt Ion: 75 Resp: 4596

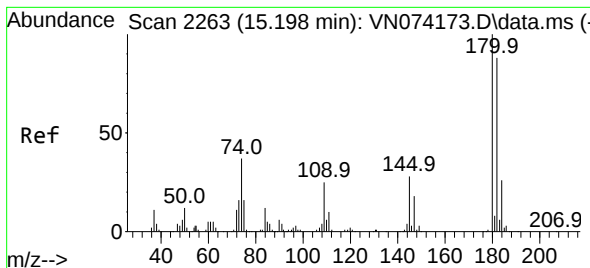
Ion Ratio Lower Upper

75 100

155 76.3 44.9 134.5

157 112.9 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 3.996 ug/l

RT: 15.198 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

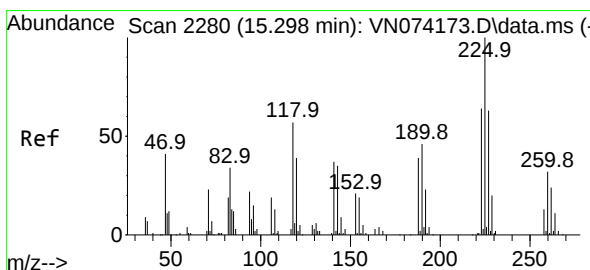
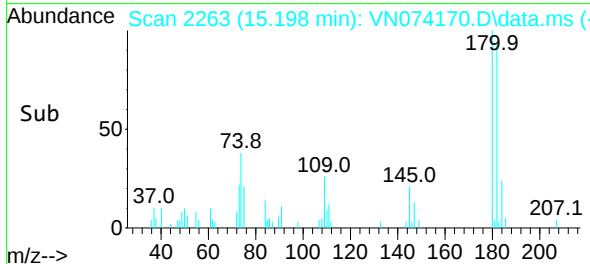
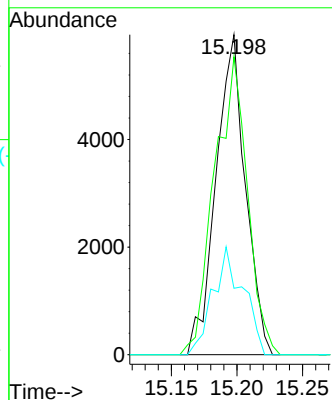
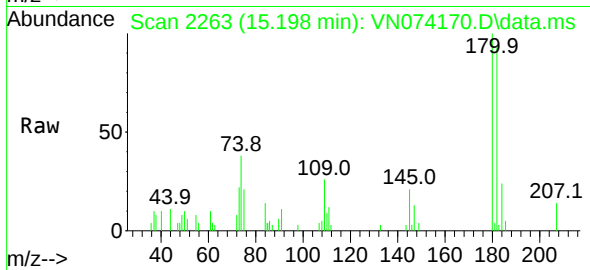
Tgt Ion:180 Resp: 9291

Ion Ratio Lower Upper

180 100

182 103.9 47.5 142.5

145 34.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 4.457 ug/l

RT: 15.304 min Scan# 2281

Delta R.T. 0.006 min

Lab File: VN074170.D

Acq: 30 Aug 2022 12:48

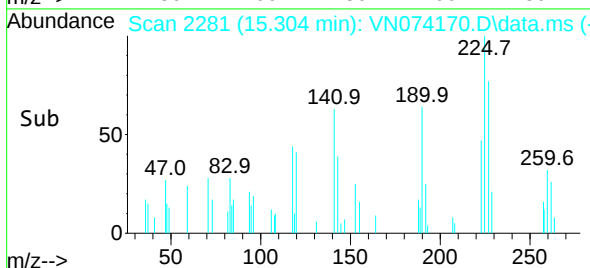
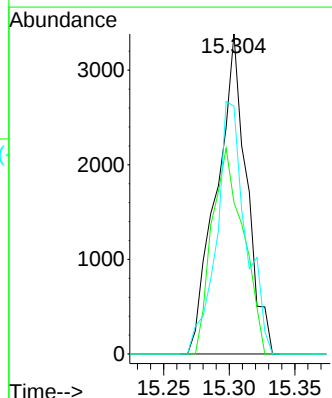
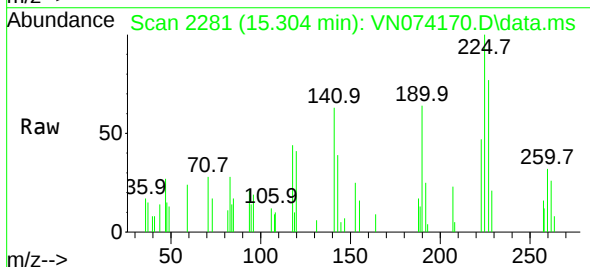
Tgt Ion:225 Resp: 5360

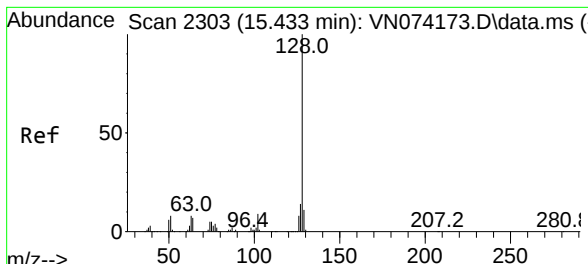
Ion Ratio Lower Upper

225 100

223 67.3 32.4 97.2

227 77.5 31.8 95.4

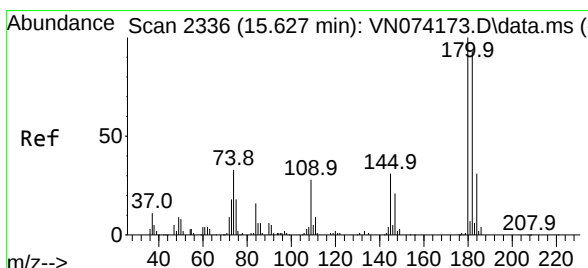
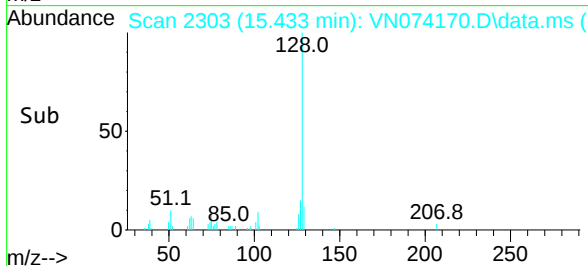
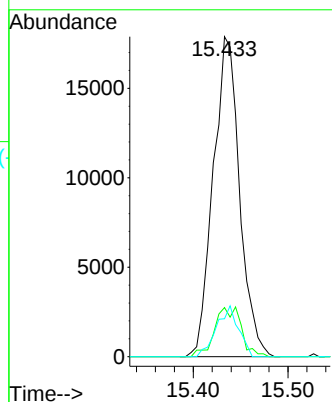
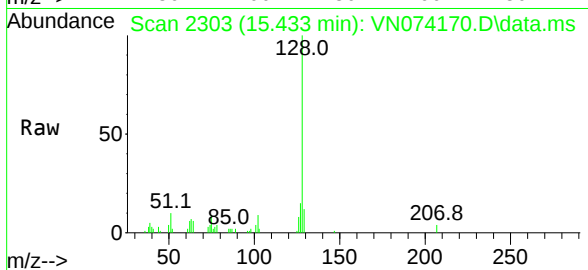




#95
Naphthalene
Concen: 4.060 ug/l
RT: 15.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 34621
Ion Ratio Lower Upper
128 100
127 15.7 10.3 15.5#
129 13.3 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 4.466 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VN074170.D
Acq: 30 Aug 2022 12:48

Tgt Ion:180 Resp: 11186
Ion Ratio Lower Upper
180 100
182 86.8 47.8 143.3
145 37.9 15.5 46.5

