

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071322\
 Data File : VN073447.D
 Acq On : 13 Jul 2022 14:11
 Operator : JC\MD
 Sample : VN0713MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713MBS01

Quant Time: Jul 14 07:02:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	195461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	342176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	313342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	148279	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	145783	51.665	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.340%	
35) Dibromofluoromethane	7.951	113	115042	50.534	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.060%	
50) Toluene-d8	10.375	98	386931	47.855	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.700%	
62) 4-Bromofluorobenzene	12.669	95	155366	50.001	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	53079	18.574	ug/l	95
3) Chloromethane	2.269	50	50914	18.352	ug/l	99
4) Vinyl Chloride	2.404	62	43606	18.498	ug/l	97
5) Bromomethane	2.804	94	22368	20.090	ug/l	95
6) Chloroethane	2.963	64	29605	21.350	ug/l	94
7) Trichlorofluoromethane	3.316	101	80500	19.753	ug/l	92
8) Diethyl Ether	3.763	74	35614	21.467	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.134	101	49356	20.496	ug/l	95
10) Methyl Iodide	4.346	142	44521	16.542	ug/l	96
11) Tert butyl alcohol	5.287	59	78151	114.333	ug/l	100
12) 1,1-Dichloroethene	4.110	96	44632	19.397	ug/l	97
13) Acrolein	3.981	56	23924	55.374	ug/l	95
14) Allyl chloride	4.757	41	100630	20.760	ug/l #	89
15) Acrylonitrile	5.469	53	214817	122.082	ug/l	97
16) Acetone	4.216	43	197522	124.709	ug/l	93
17) Carbon Disulfide	4.457	76	100175	16.790	ug/l	96
18) Methyl Acetate	4.781	43	115547	26.032	ug/l	92
19) Methyl tert-butyl Ether	5.528	73	187323	22.337	ug/l	97
20) Methylene Chloride	5.016	84	58513	21.021	ug/l	92
21) trans-1,2-Dichloroethene	5.516	96	46874	19.496	ug/l	94
22) Diisopropyl ether	6.416	45	211422	23.374	ug/l	93
23) Vinyl Acetate	6.345	43	905783	111.848	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	104889	22.408	ug/l	99
25) 2-Butanone	7.257	43	317694	125.985	ug/l	91
26) 2,2-Dichloropropane	7.245	77	80781	18.660	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	61942	21.275	ug/l	96
28) Bromochloromethane	7.581	49	47590	24.276	ug/l #	78
29) Tetrahydrofuran	7.610	42	216995	125.674	ug/l #	84
30) Chloroform	7.745	83	104282	22.120	ug/l	98
31) Cyclohexane	8.022	56	88423	19.134	ug/l	86
32) 1,1,1-Trichloroethane	7.939	97	86188	20.514	ug/l	99
36) 1,1-Dichloropropene	8.145	75	68422	19.533	ug/l	98
37) Ethyl Acetate	7.334	43	123724	23.376	ug/l #	94
38) Carbon Tetrachloride	8.128	117	69051	19.062	ug/l	93
39) Methylcyclohexane	9.392	83	81931	18.787	ug/l	94
40) Benzene	8.386	78	223810	20.703	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	63431	24.711	ug/l #	83
42) 1,2-Dichloroethane	8.463	62	88125	22.488	ug/l	98
43) Isopropyl Acetate	8.492	43	176253	23.171	ug/l #	92
44) Trichloroethene	9.145	130	52705	19.158	ug/l	85
45) 1,2-Dichloropropane	9.422	63	62470	22.672	ug/l	93
46) Dibromomethane	9.510	93	40965	21.896	ug/l	90
47) Bromodichloromethane	9.704	83	81964	22.620	ug/l	91
48) Methyl methacrylate	9.498	41	75533	21.446	ug/l	92
49) 1,4-Dioxane	9.504	88	32096	480.041	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	599831	124.347	ug/l	90
52) Toluene	10.445	92	136523	20.435	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	84238	21.118	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	90745	21.071	ug/l #	91
55) 1,1,2-Trichloroethane	10.839	97	59770	21.731	ug/l	97
56) Ethyl methacrylate	10.698	69	93762	21.091	ug/l #	84
57) 1,3-Dichloropropane	10.986	76	103977	22.053	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	200431	101.093	ug/l	93
59) 2-Hexanone	11.022	43	452516	123.064	ug/l	88
60) Dibromochloromethane	11.174	129	58690	22.381	ug/l	99
61) 1,2-Dibromoethane	11.286	107	59346	21.602	ug/l	98
64) Tetrachloroethene	10.910	164	48507	18.958	ug/l	96
65) Chlorobenzene	11.710	112	142657	20.130	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	54302	20.833	ug/l	97
67) Ethyl Benzene	11.786	91	256075	19.904	ug/l	98
68) m/p-Xylenes	11.892	106	191756	39.493	ug/l	95
69) o-Xylene	12.221	106	96113	19.390	ug/l	95
70) Styrene	12.233	104	155865	20.367	ug/l	97
71) Bromoform	12.398	173	40903	21.445	ug/l #	99
73) Isopropylbenzene	12.516	105	251856	19.669	ug/l	97
74) N-amyl acetate	12.327	43	126681	19.758	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	95687	22.520	ug/l	97
76) 1,2,3-Trichloropropane	12.821	75	120432	31.062	ug/l #	1
77) Bromobenzene	12.798	156	58014	19.487	ug/l	84
78) n-propylbenzene	12.857	91	288404	20.275	ug/l	97
79) 2-Chlorotoluene	12.945	91	180123	20.007	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	210556	20.175	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	26940	19.055	ug/l	92
82) 4-Chlorotoluene	13.045	91	174637	20.036	ug/l	96
83) tert-Butylbenzene	13.263	119	181545	19.403	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	208085	19.970	ug/l	98
85) sec-Butylbenzene	13.439	105	257408	20.488	ug/l	98
86) p-Isopropyltoluene	13.551	119	203728	20.073	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	106331	19.909	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	105268	19.672	ug/l	97
89) n-Butylbenzene	13.880	91	163651	19.350	ug/l	97
90) Hexachloroethane	14.145	117	36359	19.223	ug/l	85
91) 1,2-Dichlorobenzene	13.921	146	109049	20.044	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	21138	20.468	ug/l	88
93) 1,2,4-Trichlorobenzene	15.192	180	53693	18.954	ug/l	99
94) Hexachlorobutadiene	15.304	225	25026	19.873	ug/l	97
95) Naphthalene	15.433	128	207910	18.193	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	57152	19.558	ug/l	98

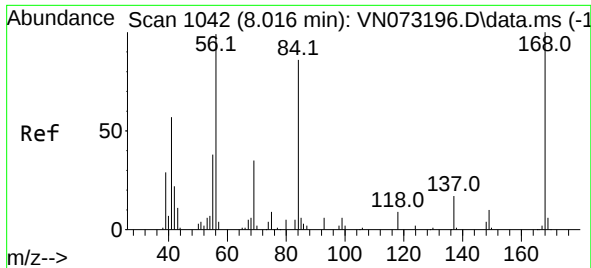
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Response via : Initial Calibration

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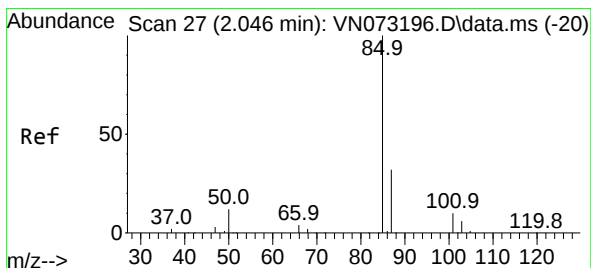
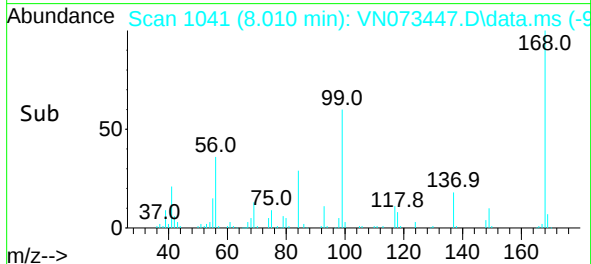
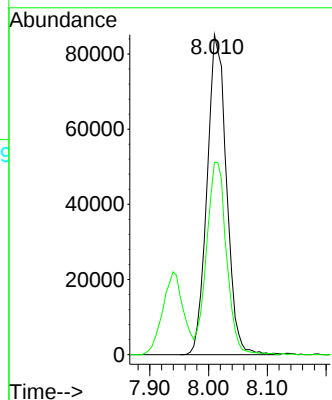
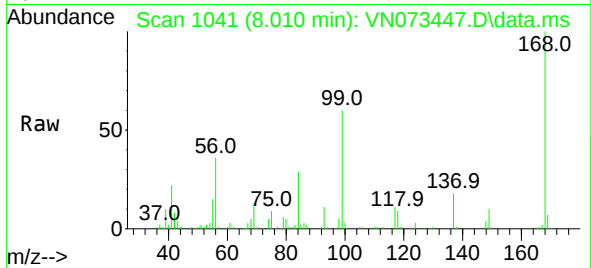
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

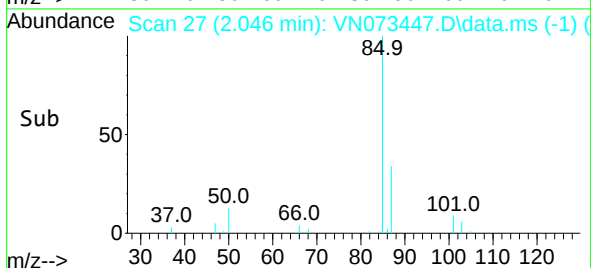
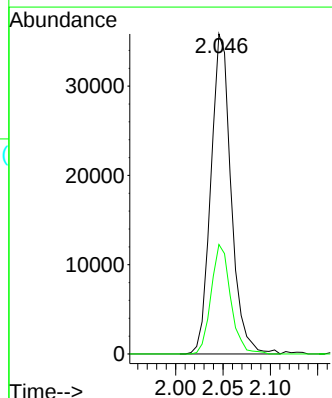
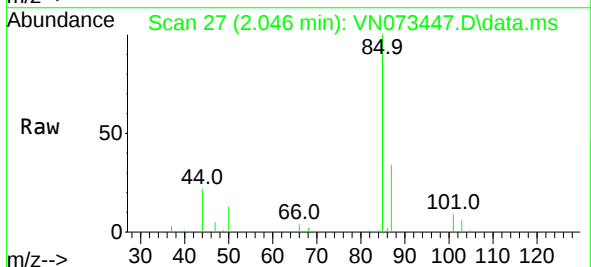
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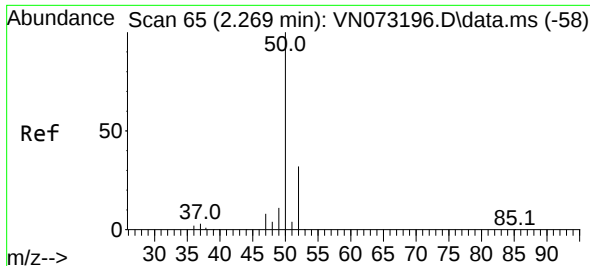
Tgt Ion:168 Resp: 195461
Ion Ratio Lower Upper
168 100
99 60.0 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 18.574 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 85 Resp: 53079
Ion Ratio Lower Upper
85 100
87 34.2 15.7 47.1

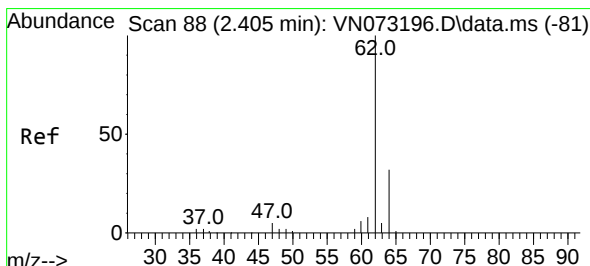
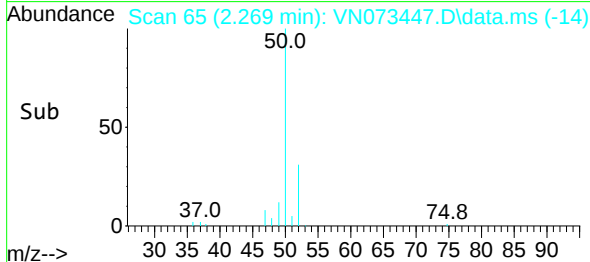
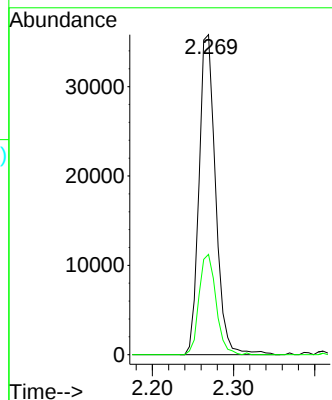
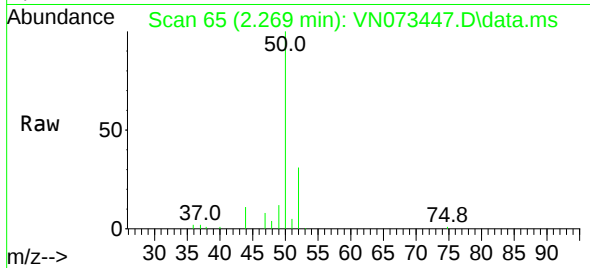




#3
Chloromethane
Concen: 18.352 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

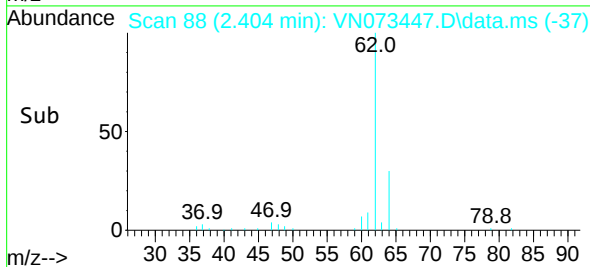
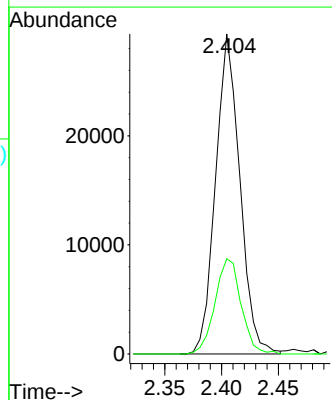
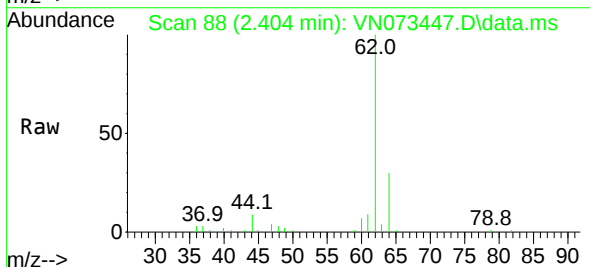
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ClientSampleId :
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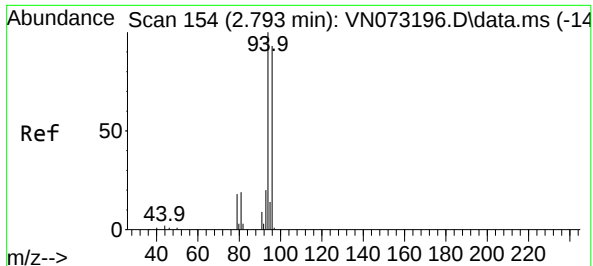
Tgt Ion: 50 Resp: 50914
Ion Ratio Lower Upper
50 100
52 31.4 25.7 38.5



#4
Vinyl Chloride
Concen: 18.498 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.001 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 62 Resp: 43606
Ion Ratio Lower Upper
62 100
64 29.7 25.0 37.4

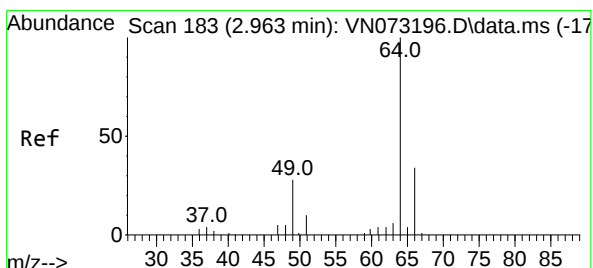
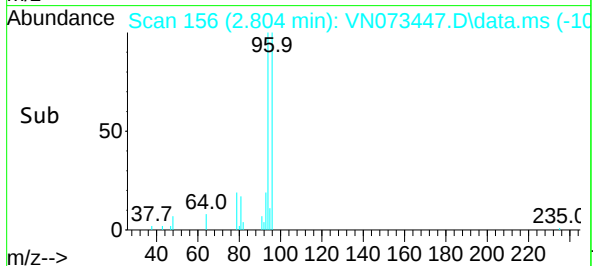
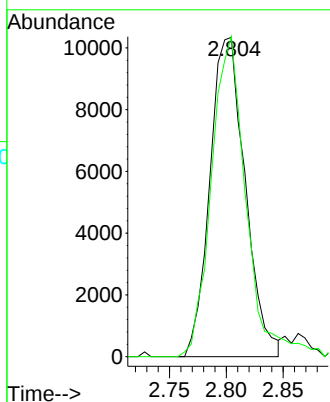
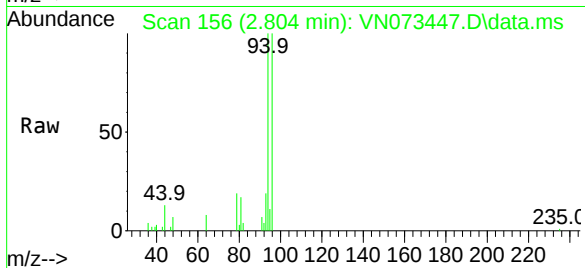




#5
Bromomethane
Concen: 20.090 ug/l
RT: 2.804 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

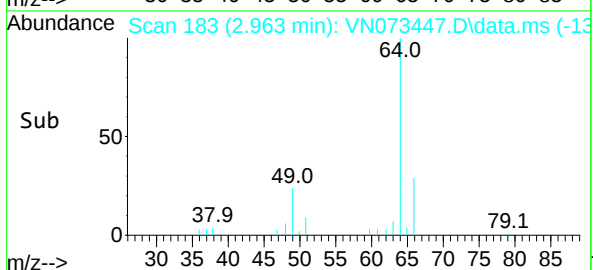
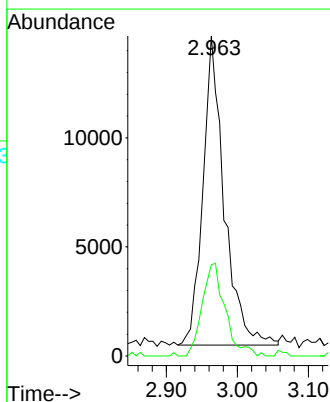
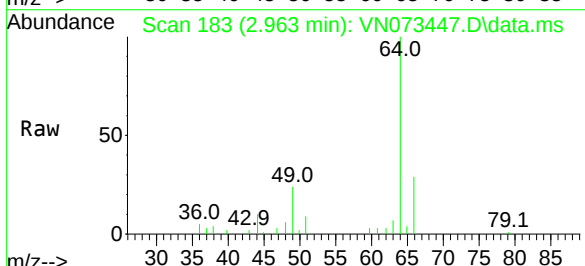
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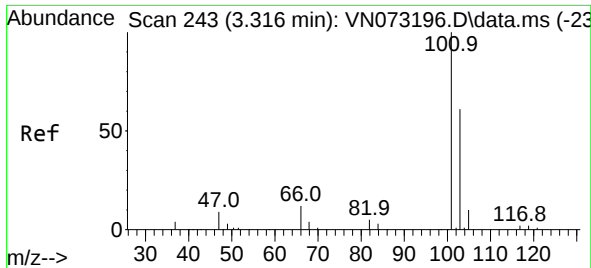
Tgt Ion: 94 Resp: 22368
Ion Ratio Lower Upper
94 100
96 100.2 76.0 114.0



#6
Chloroethane
Concen: 21.350 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 64 Resp: 29605
Ion Ratio Lower Upper
64 100
66 29.5 26.2 39.4

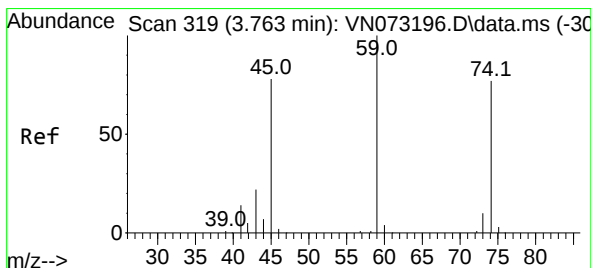
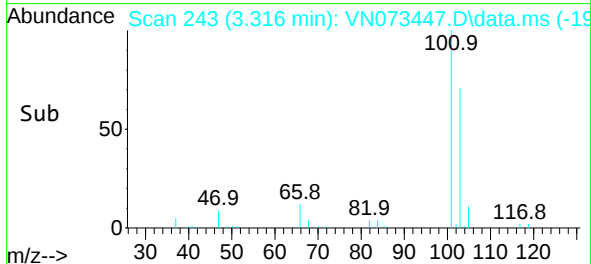
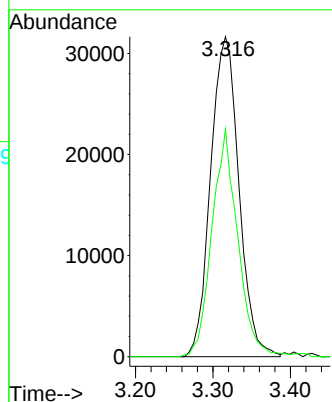
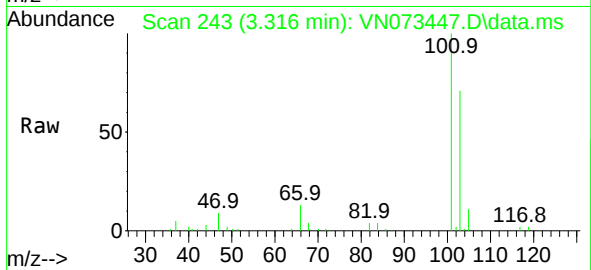




#7
 Trichlorofluoromethane
 Concen: 19.753 ug/l
 RT: 3.316 min Scan# 243
 Delta R.T. 0.000 min
 Lab File: VN073447.D
 Acq: 13 Jul 2022 14:11

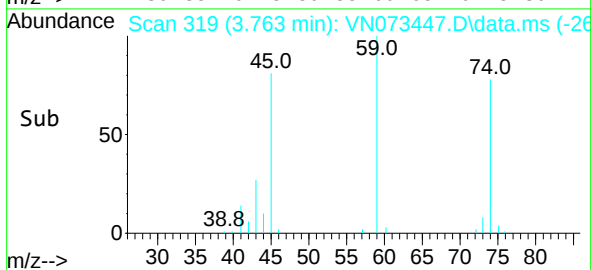
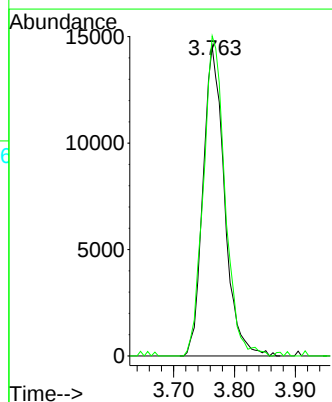
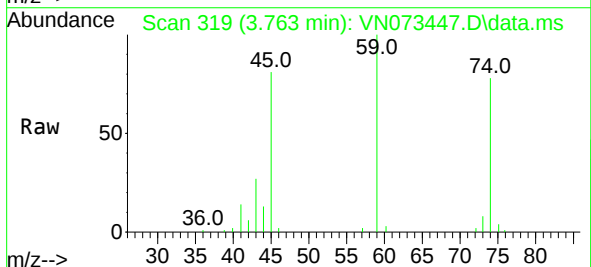
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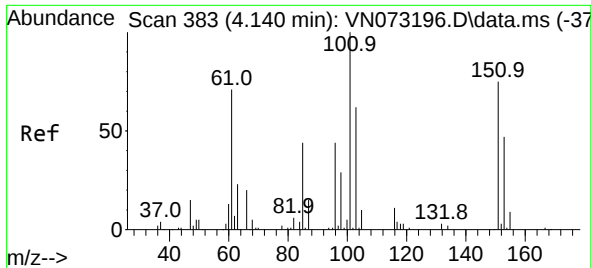
Tgt Ion:101 Resp: 80500
 Ion Ratio Lower Upper
 101 100
 103 71.1 51.5 77.3



#8
 Diethyl Ether
 Concen: 21.467 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN073447.D
 Acq: 13 Jul 2022 14:11

Tgt Ion: 74 Resp: 35614
 Ion Ratio Lower Upper
 74 100
 45 104.6 42.9 128.5

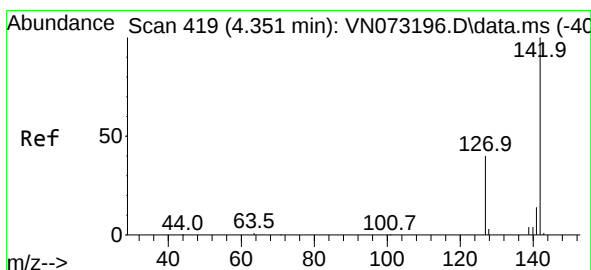
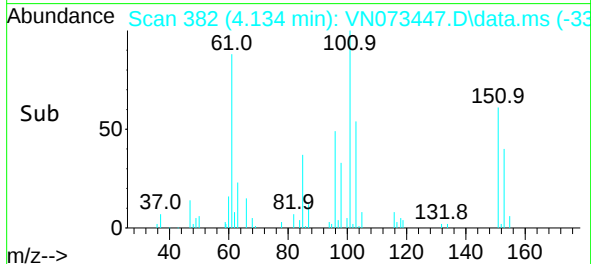
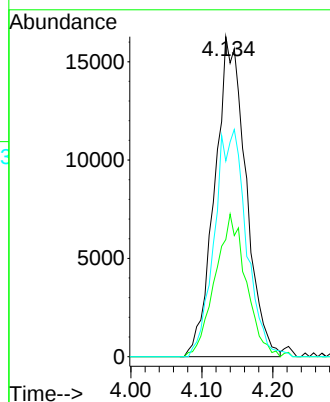
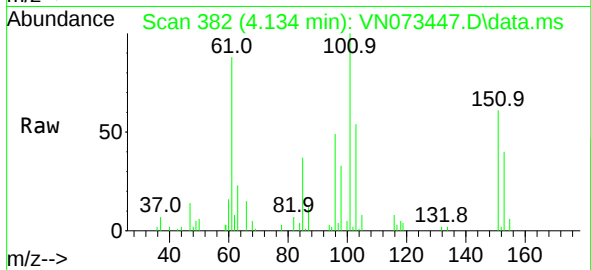




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.496 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN073447.D
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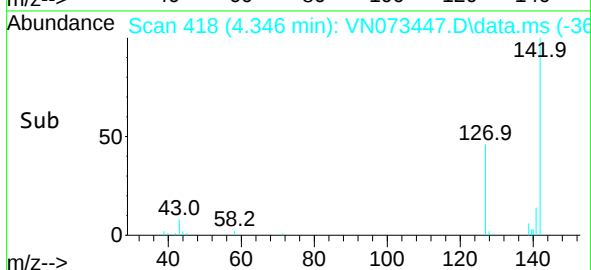
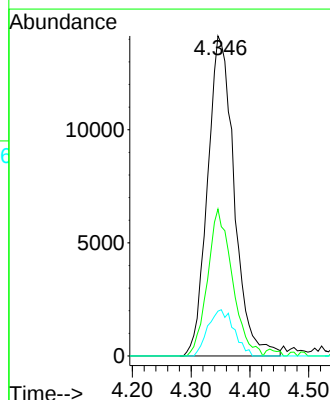
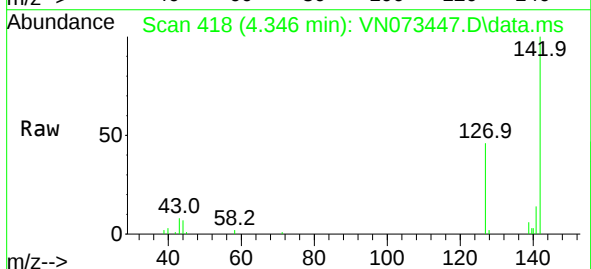
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

Tgt Ion:101 Resp: 49356
Ion Ratio Lower Upper
101 100
85 44.4 34.7 52.1
151 73.2 63.0 94.4



#10
Methyl Iodide
Concen: 16.542 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.005 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion:142 Resp: 44521
Ion Ratio Lower Upper
142 100
127 42.5 31.3 46.9
141 14.1 11.2 16.8

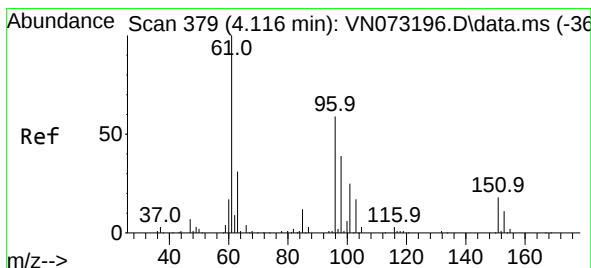
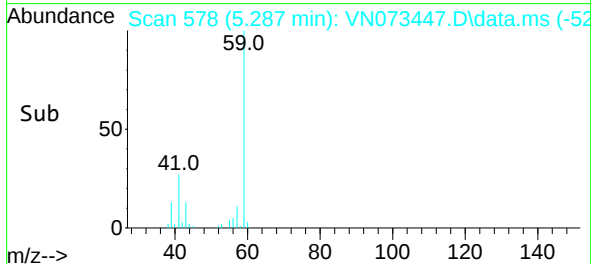
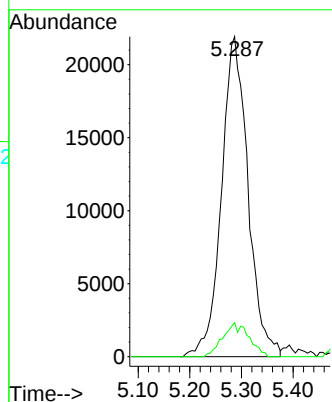
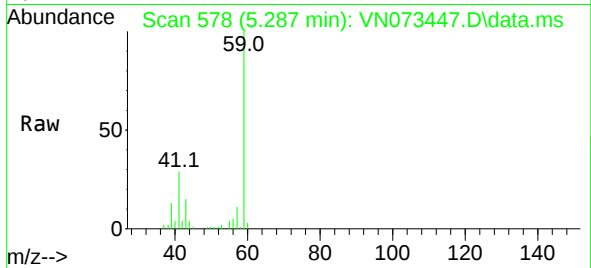




#11
Tert butyl alcohol
Concen: 114.333 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

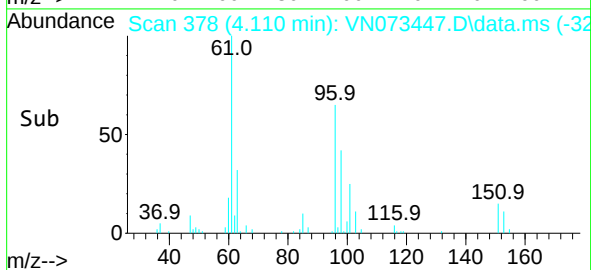
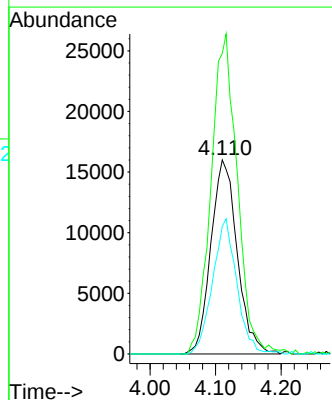
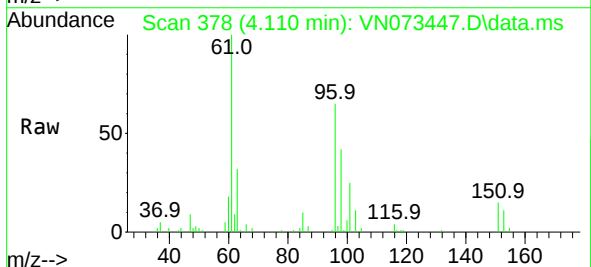
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

Tgt Ion: 59 Resp: 78151
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 19.397 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 96 Resp: 44632
Ion Ratio Lower Upper
96 100
61 154.8 127.6 191.4
98 65.7 51.2 76.8

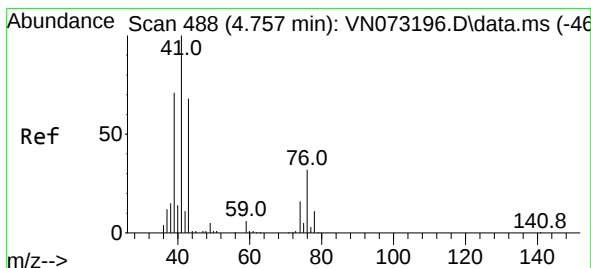
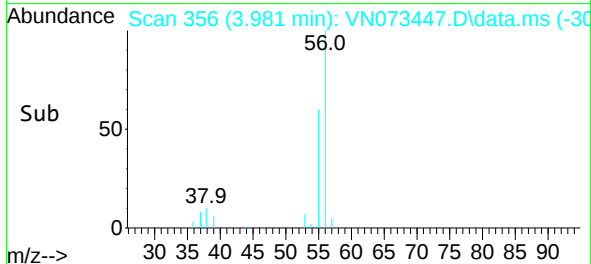
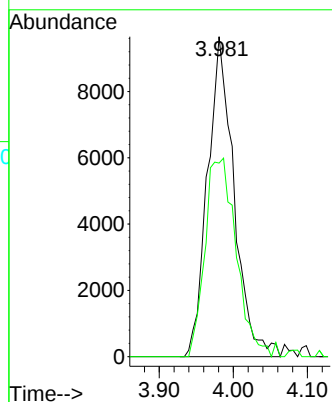
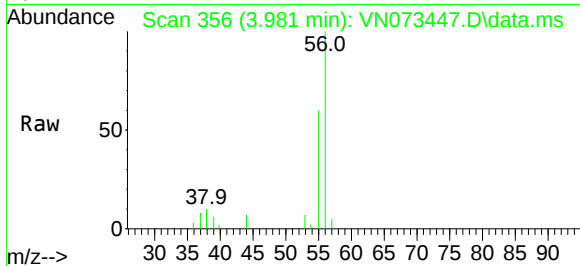




#13
Acrolein
Concen: 55.374 ug/l
RT: 3.981 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

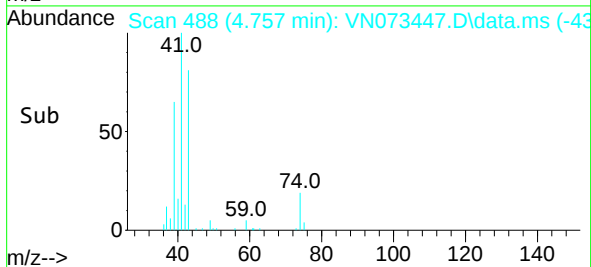
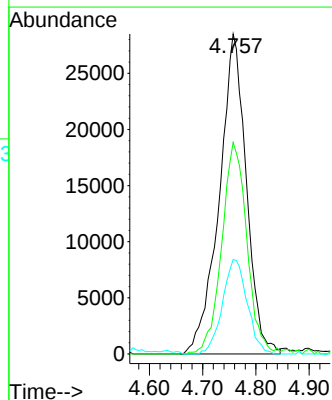
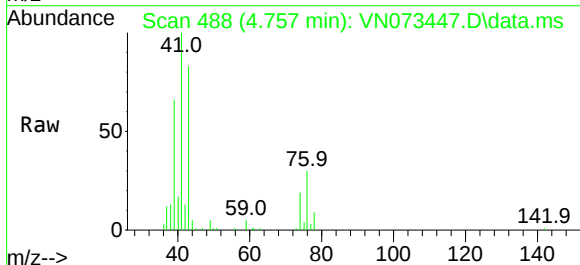
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

Tgt Ion: 56 Resp: 23924
Ion Ratio Lower Upper
56 100
55 72.9 54.8 82.2



#14
Allyl chloride
Concen: 20.760 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 41 Resp: 100630
Ion Ratio Lower Upper
41 100
39 61.0 53.2 79.8
76 27.0 29.9 44.9#

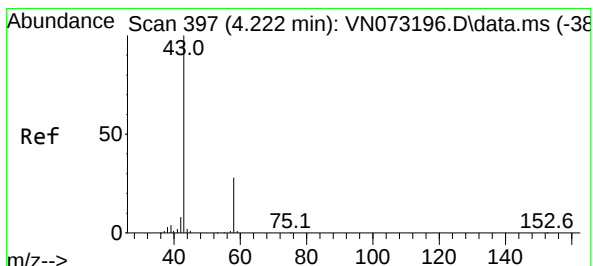
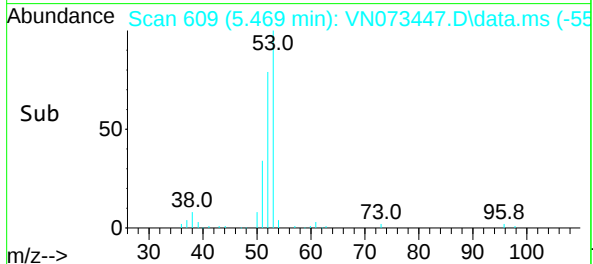
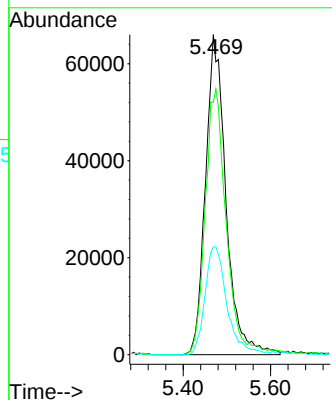
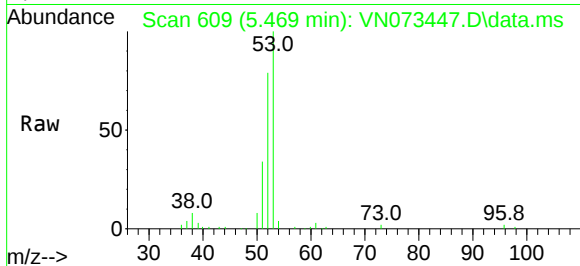




#15
Acrylonitrile
Concen: 122.082 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

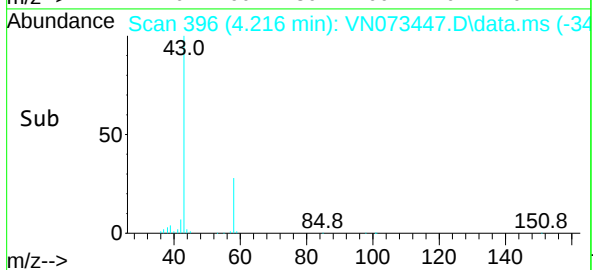
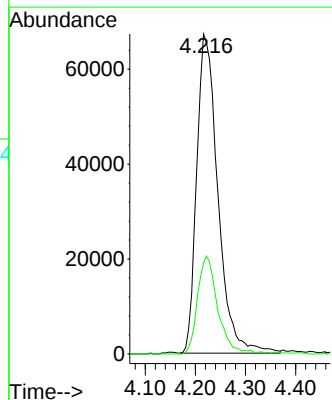
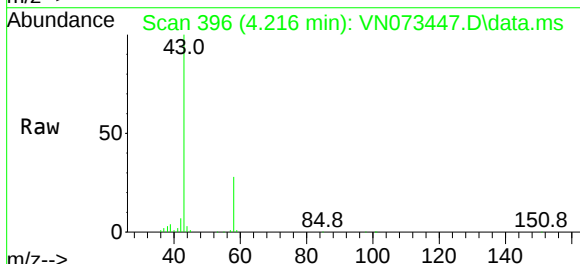
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

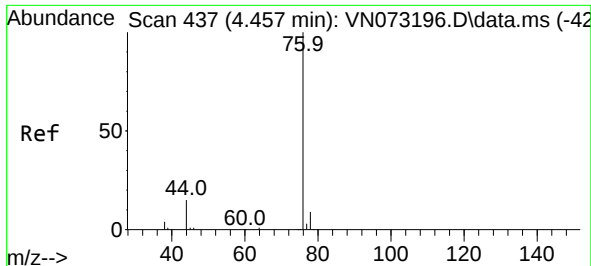
Tgt Ion: 53 Resp: 214817
Ion Ratio Lower Upper
53 100
52 86.2 66.4 99.6
51 36.1 28.5 42.7



#16
Acetone
Concen: 124.709 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 43 Resp: 197522
Ion Ratio Lower Upper
43 100
58 28.5 26.0 39.0

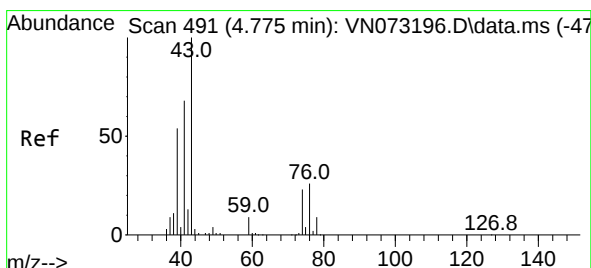
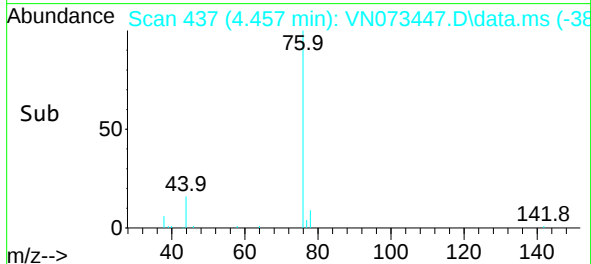
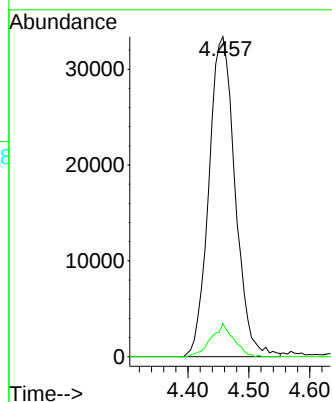
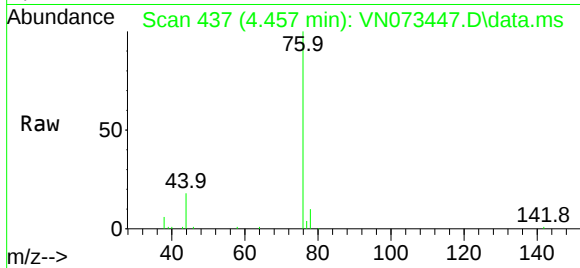




#17
Carbon Disulfide
Concen: 16.790 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

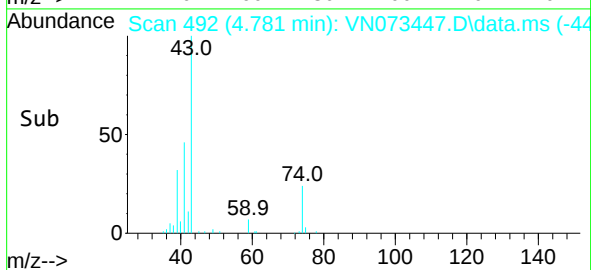
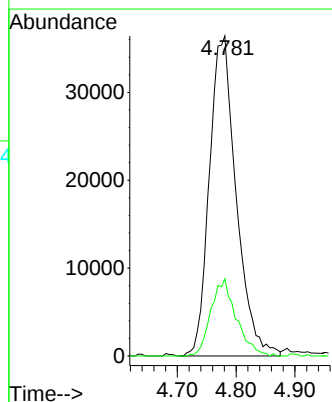
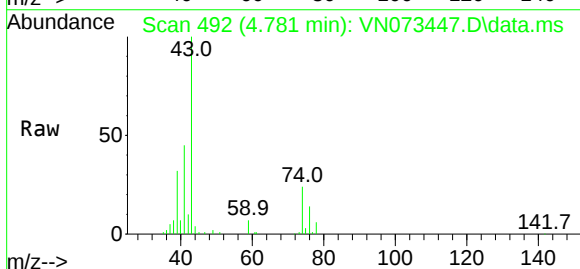
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

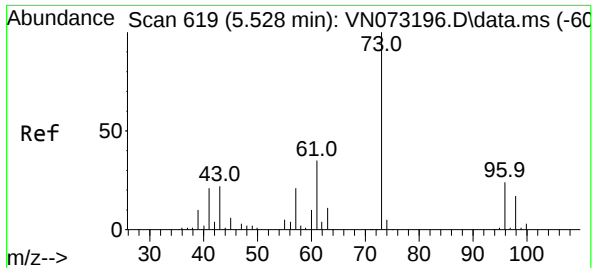
Tgt Ion: 76 Resp: 100175
Ion Ratio Lower Upper
76 100
78 10.4 7.2 10.8



#18
Methyl Acetate
Concen: 26.032 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 43 Resp: 115547
Ion Ratio Lower Upper
43 100
74 22.8 21.6 32.4

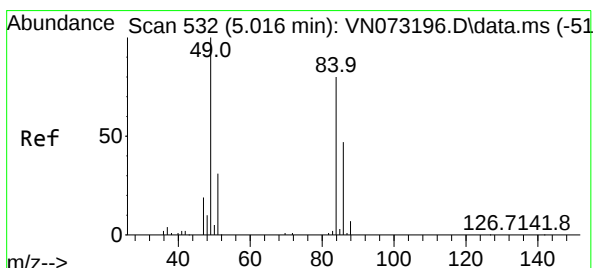
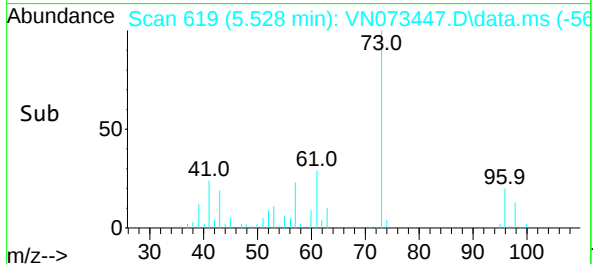
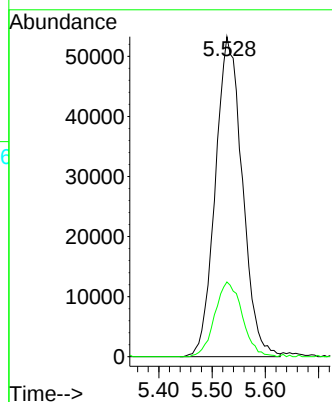
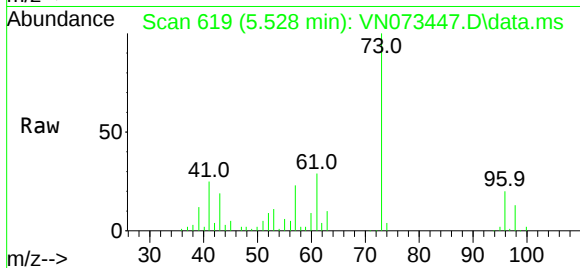




#19
Methyl tert-butyl Ether
Concen: 22.337 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

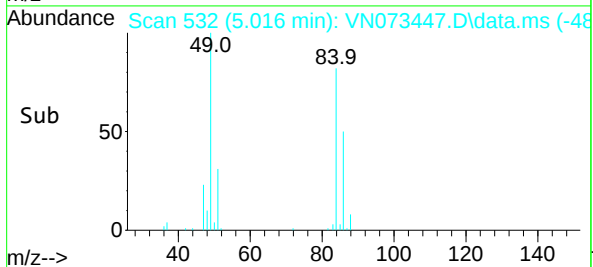
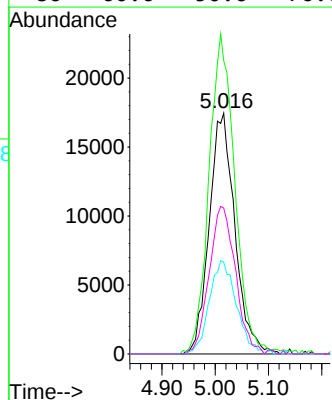
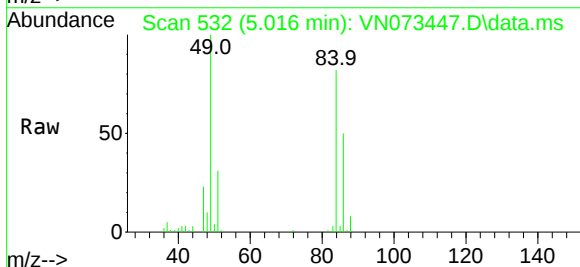
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

Tgt Ion: 73 Resp: 187323
Ion Ratio Lower Upper
73 100
57 23.4 17.6 26.4



#20
Methylene Chloride
Concen: 21.021 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

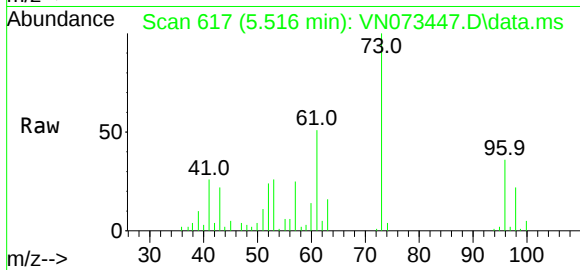
Tgt Ion: 84 Resp: 58513
Ion Ratio Lower Upper
84 100
49 121.8 88.3 132.5
51 38.1 28.2 42.2
86 60.6 50.6 76.0



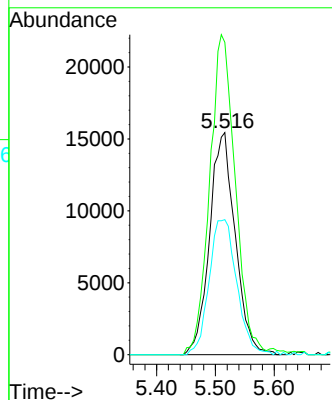
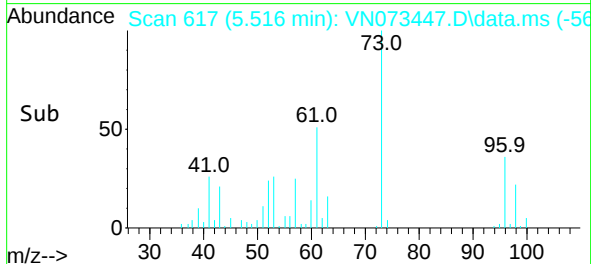


#21
trans-1,2-Dichloroethene
Concen: 19.496 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

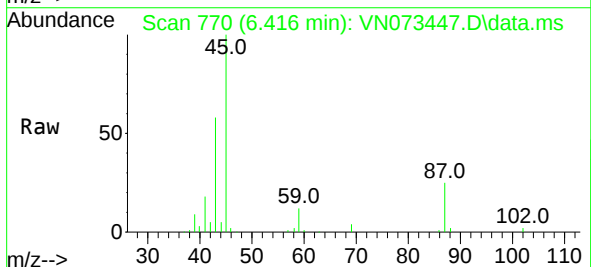
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01



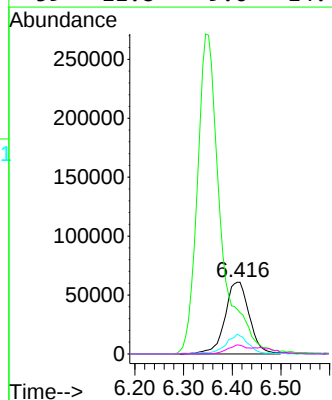
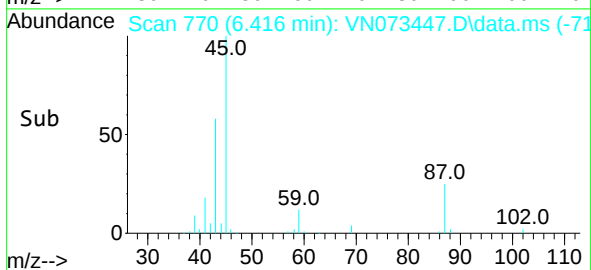
Tgt Ion: 96 Resp: 46874
Ion Ratio Lower Upper
96 100
61 140.6 105.8 158.8
98 60.8 50.3 75.5



#22
Diisopropyl ether
Concen: 23.374 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11



Tgt Ion: 45 Resp: 211422
Ion Ratio Lower Upper
45 100
43 53.8 46.6 70.0
87 24.9 24.3 36.5
59 11.8 9.6 14.4

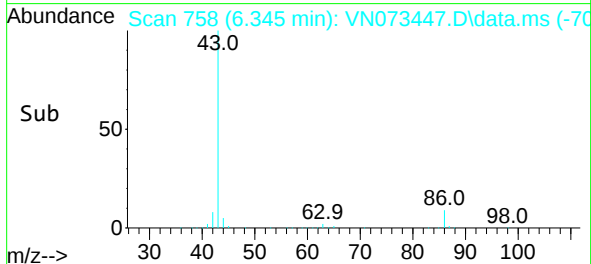
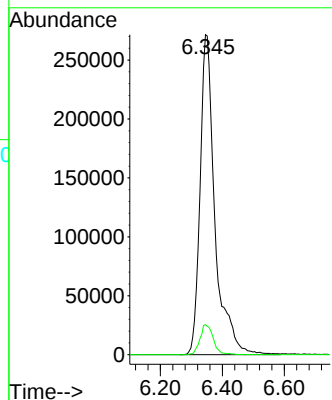
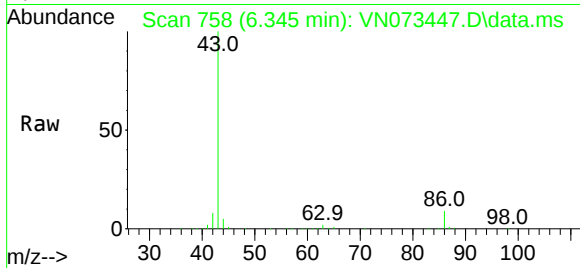




#23
 Vinyl Acetate
 Concen: 111.848 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. -0.006 min
 Lab File: VN073447.D
 Acq: 13 Jul 2022 14:11

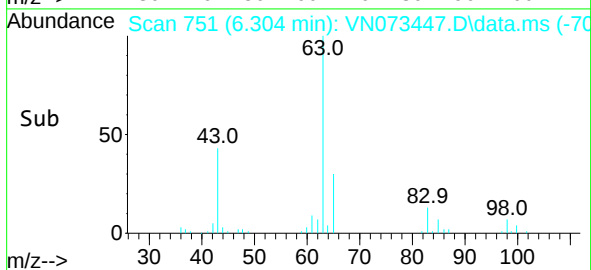
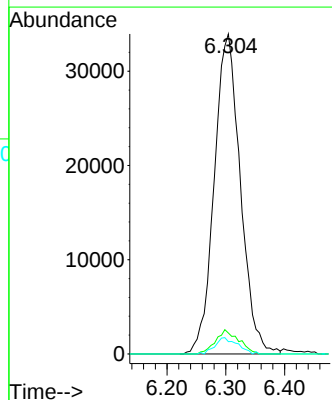
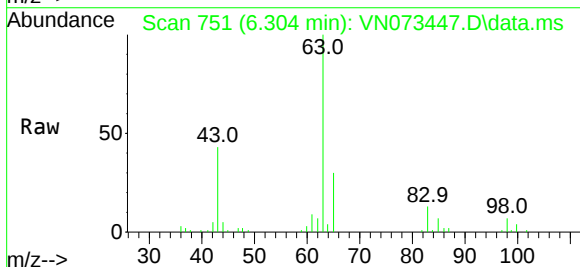
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713MBSD01

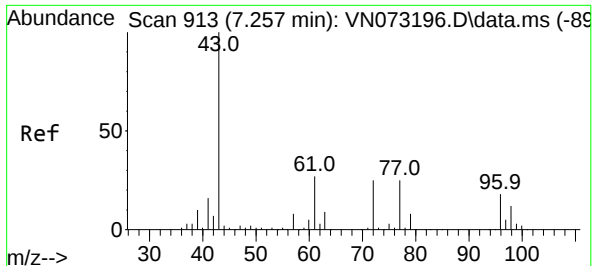
Tgt Ion: 43 Resp: 905783
 Ion Ratio Lower Upper
 43 100
 86 9.4 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 22.408 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073447.D
 Acq: 13 Jul 2022 14:11

Tgt Ion: 63 Resp: 104889
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 3.9 2.3 6.8





#25

2-Butanone

Concen: 125.985 ug/l

RT: 7.257 min Scan# 913

Delta R.T. 0.000 min

Lab File: VN073447.D

Acq: 13 Jul 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

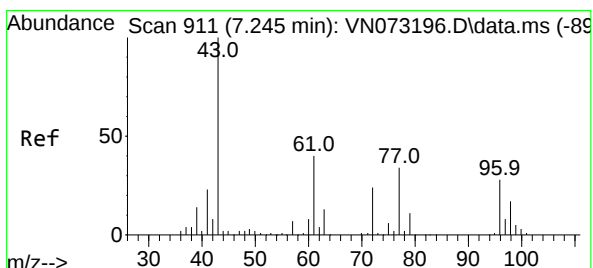
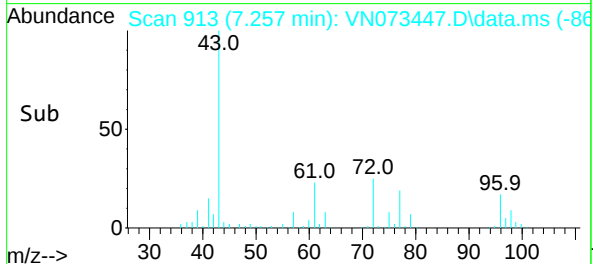
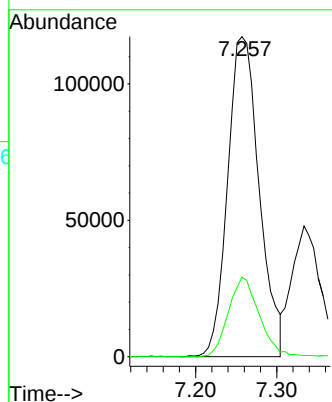
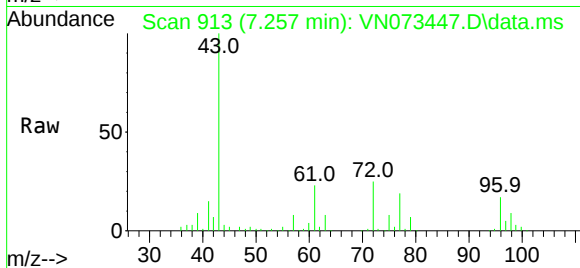
VN0713MBS01

Tgt Ion: 43 Resp: 317694

Ion Ratio Lower Upper

43 100

72 24.9 23.7 35.5



#26

2,2-Dichloropropane

Concen: 18.660 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN073447.D

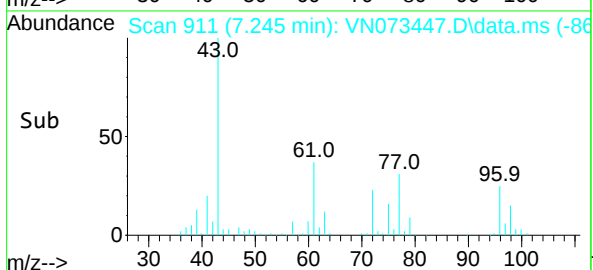
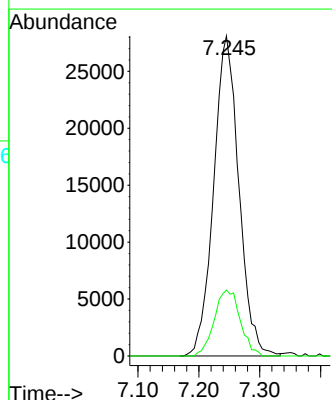
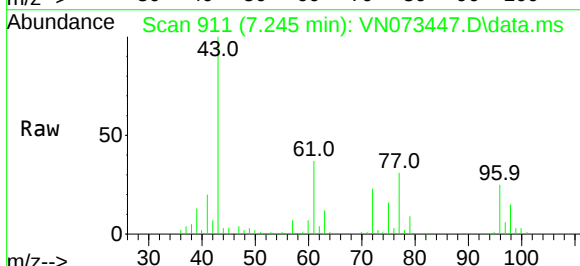
Acq: 13 Jul 2022 14:11

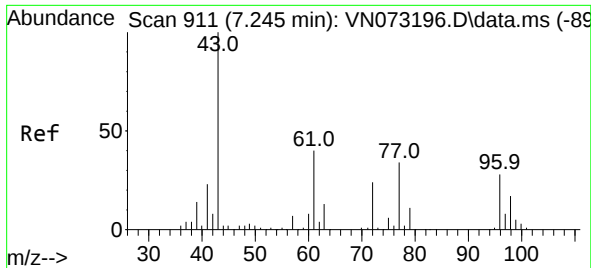
Tgt Ion: 77 Resp: 80781

Ion Ratio Lower Upper

77 100

97 21.2 11.4 34.2

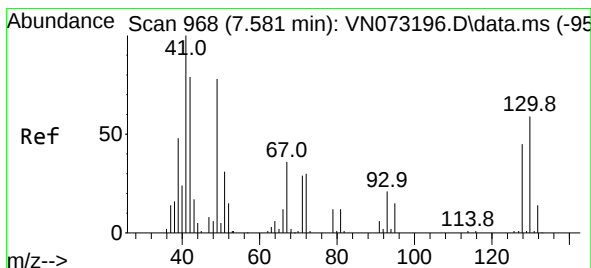
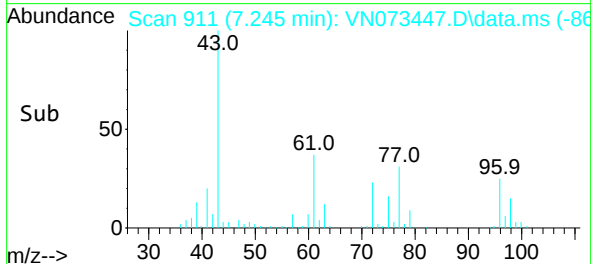
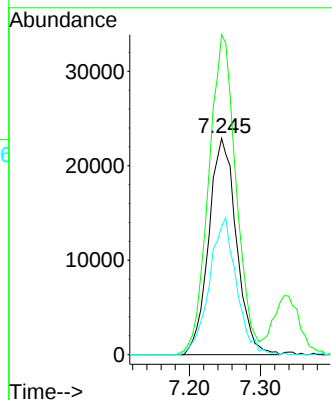
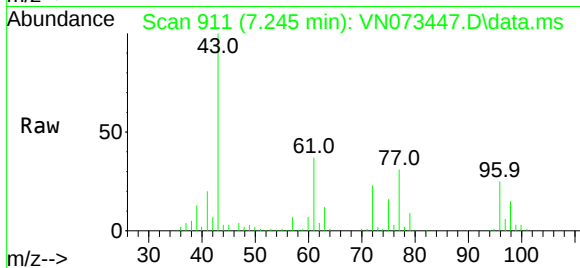




#27
 cis-1,2-Dichloroethene
 Concen: 21.275 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073447.D
 Acq: 13 Jul 2022 14:11

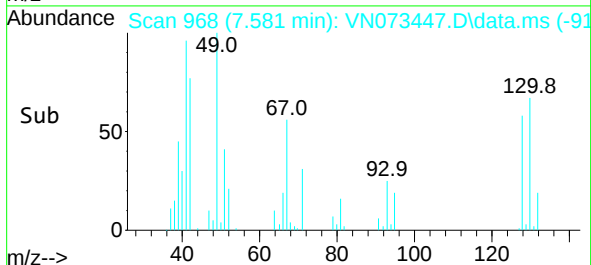
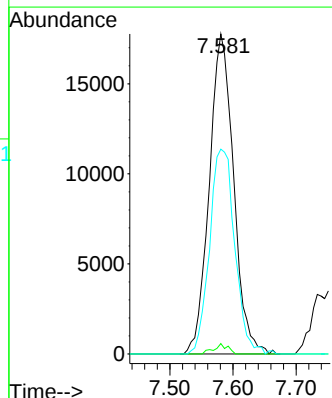
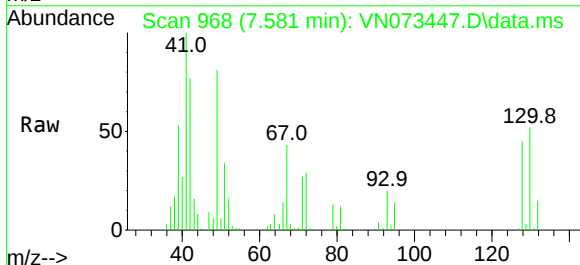
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713MBS01

Tgt Ion: 96 Resp: 61942
 Ion Ratio Lower Upper
 96 100
 61 146.6 0.0 280.6
 98 62.2 0.0 128.4



#28
 Bromochloromethane
 Concen: 24.276 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VN073447.D
 Acq: 13 Jul 2022 14:11

Tgt Ion: 49 Resp: 47590
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 66.3 69.7 104.5#





#29

Tetrahydrofuran

Concen: 125.674 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073447.D

Acq: 13 Jul 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBS01

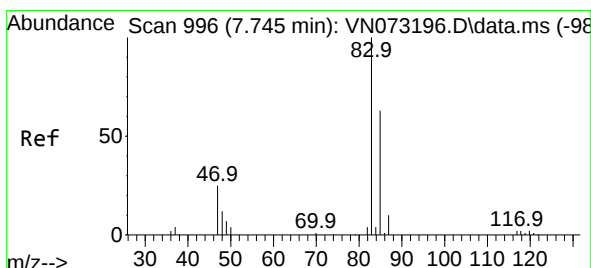
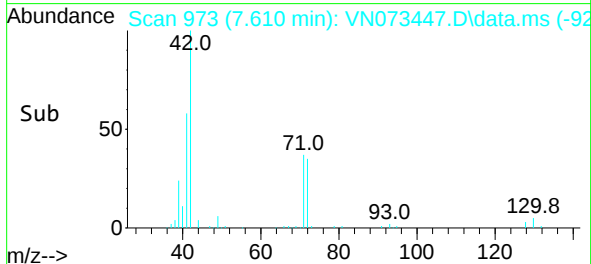
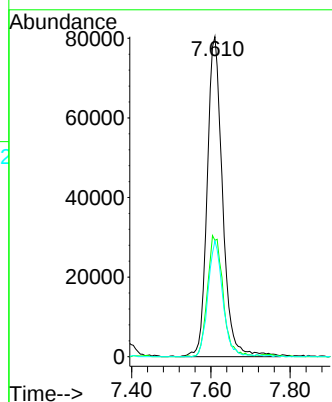
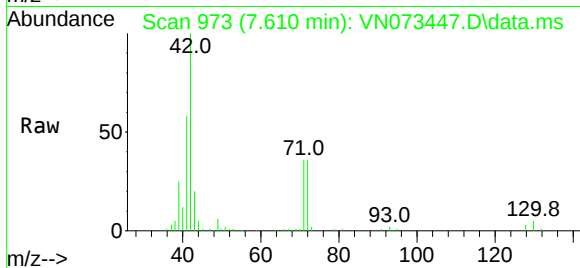
Tgt Ion: 42 Resp: 216995

Ion Ratio Lower Upper

42 100

72 38.4 39.7 59.5#

71 34.8 36.6 55.0#



#30

Chloroform

Concen: 22.120 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073447.D

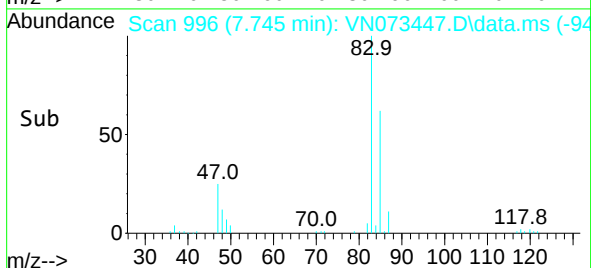
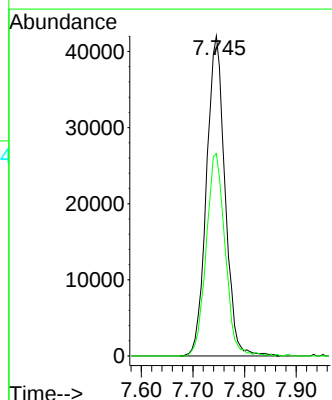
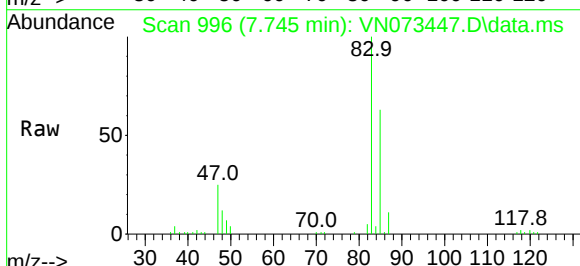
Acq: 13 Jul 2022 14:11

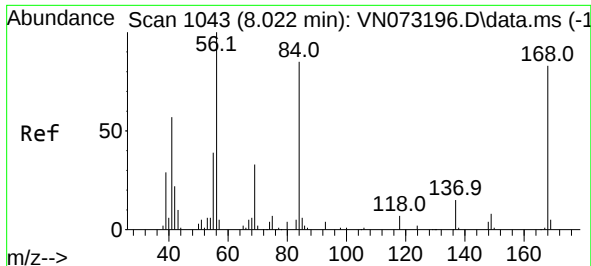
Tgt Ion: 83 Resp: 104282

Ion Ratio Lower Upper

83 100

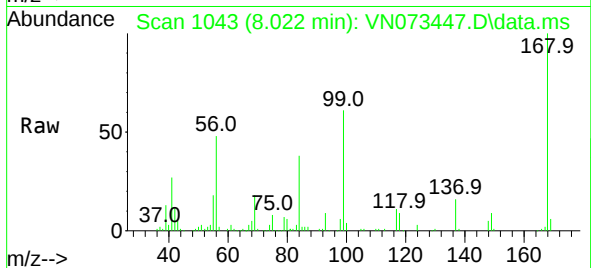
85 63.3 51.8 77.8



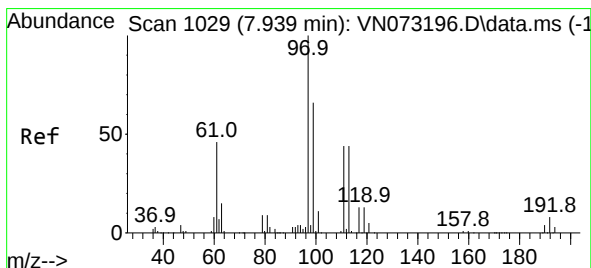
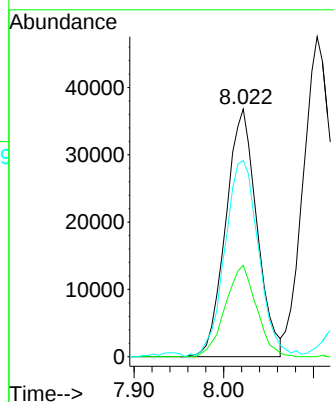
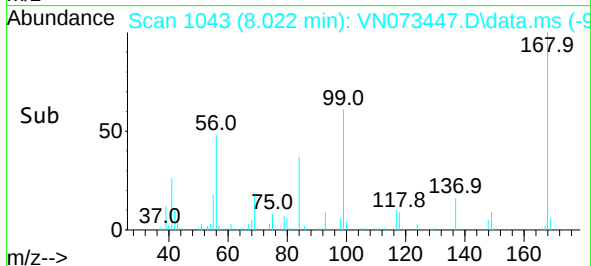


#31
Cyclohexane
Concen: 19.134 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

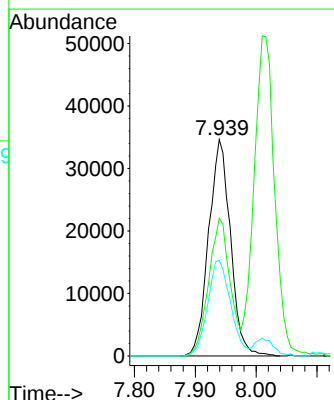
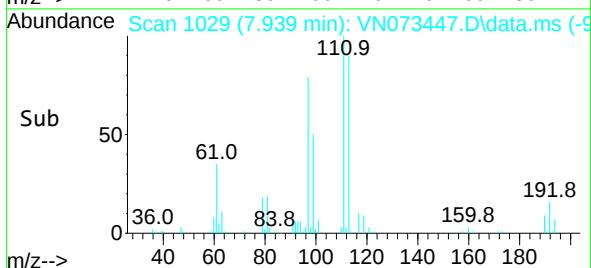
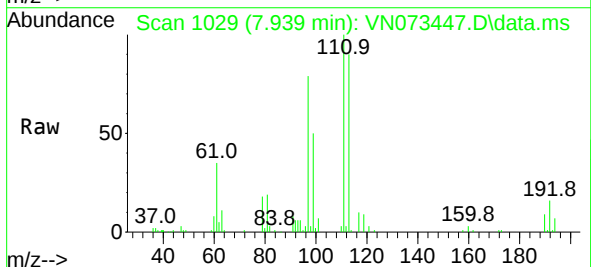


Tgt Ion: 56 Resp: 88423
Ion Ratio Lower Upper
56 100
69 36.9 27.8 41.8
84 78.1 76.9 115.3



#32
1,1,1-Trichloroethane
Concen: 20.514 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 97 Resp: 86188
Ion Ratio Lower Upper
97 100
99 62.8 50.6 76.0
61 46.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 51.665 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073447.D

Acq: 13 Jul 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

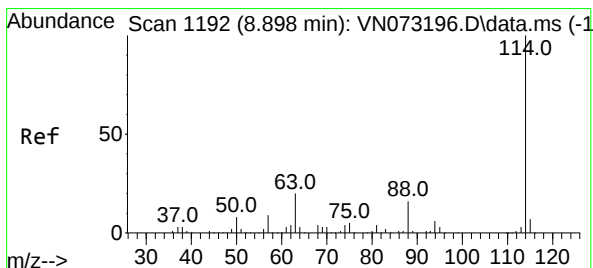
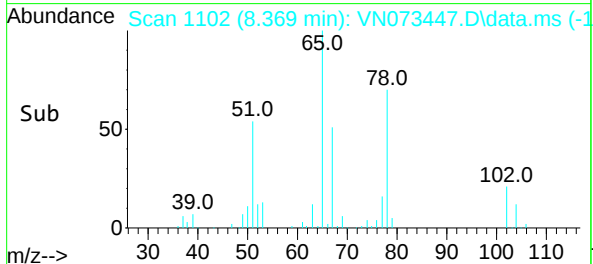
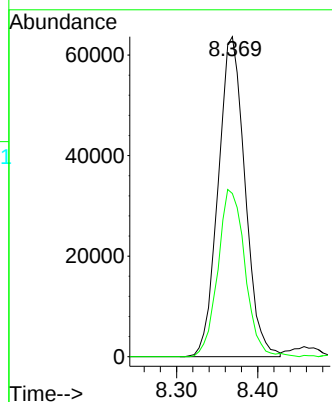
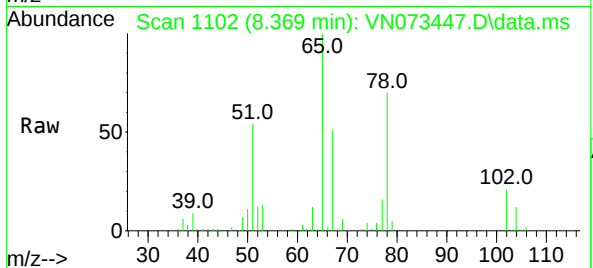
VN0713MBS01

Tgt Ion: 65 Resp: 145783

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073447.D

Acq: 13 Jul 2022 14:11

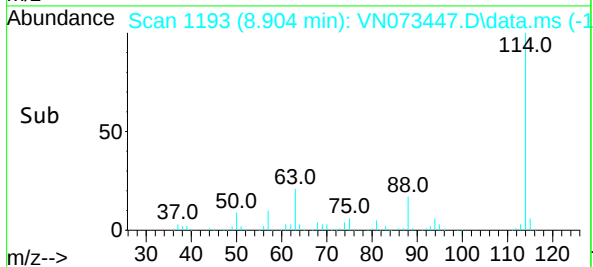
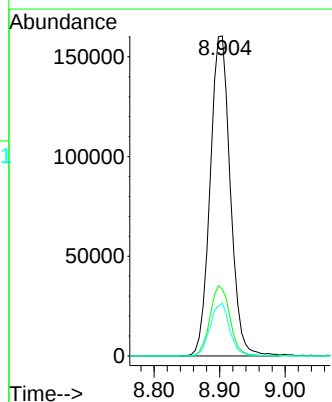
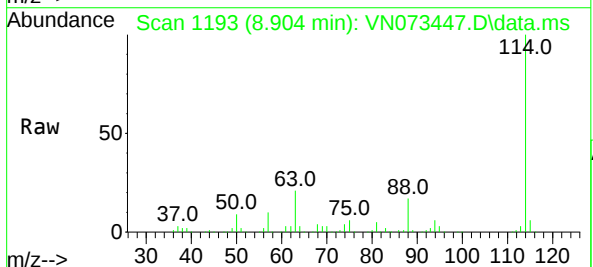
Tgt Ion: 114 Resp: 342176

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

88 16.5 0.0 32.6

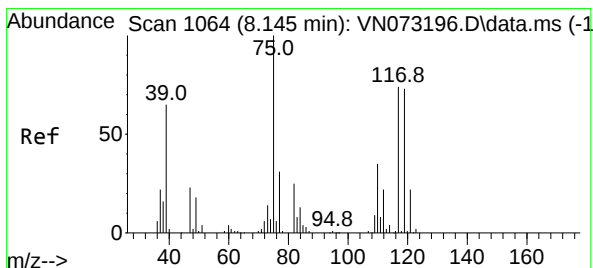
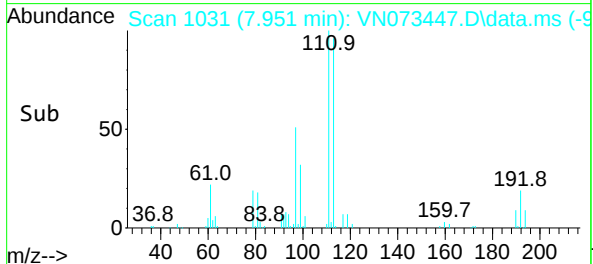
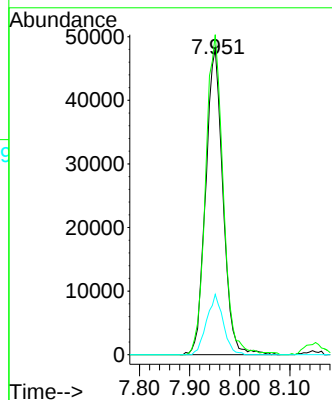
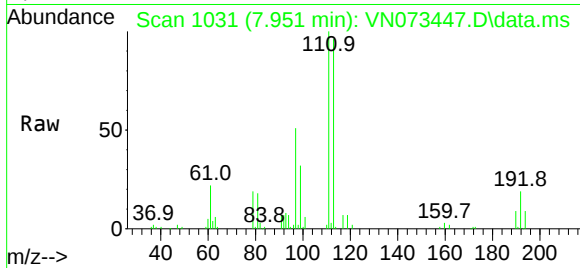




#35
Dibromofluoromethane
Concen: 50.534 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

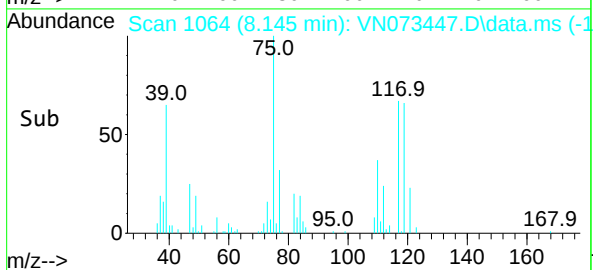
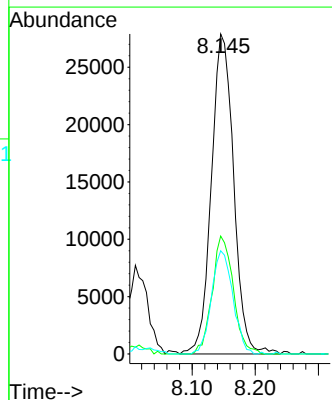
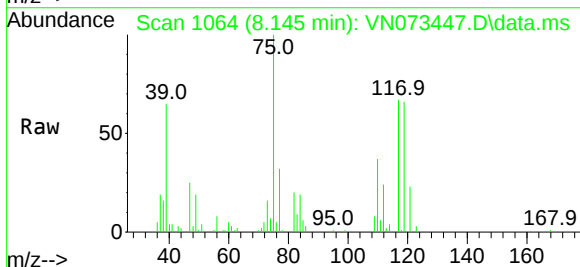
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

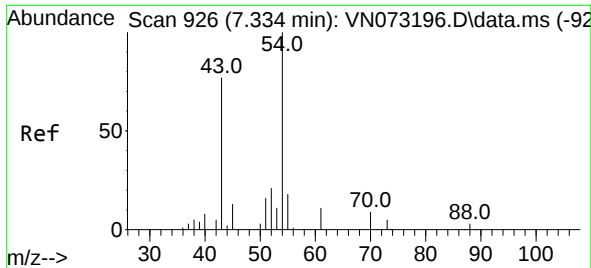
Tgt Ion:113 Resp: 115042
Ion Ratio Lower Upper
113 100
111 106.3 81.4 122.0
192 18.8 17.0 25.6



#36
1,1-Dichloropropene
Concen: 19.533 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 75 Resp: 68422
Ion Ratio Lower Upper
75 100
110 35.0 18.3 54.8
77 31.0 25.1 37.7

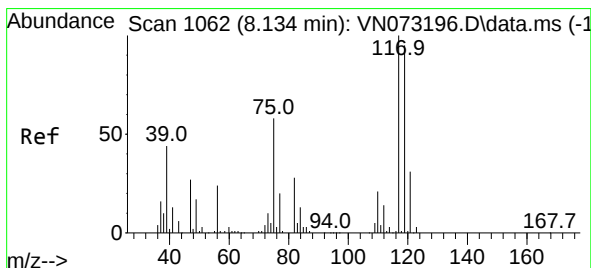
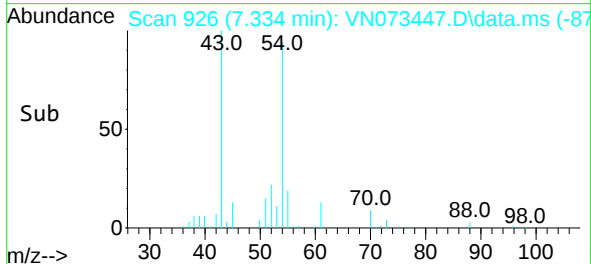
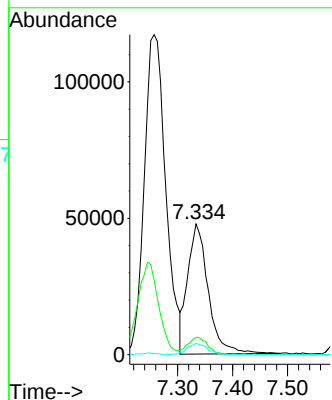
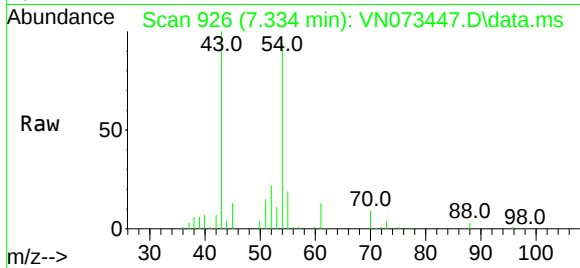




#37
Ethyl Acetate
Concen: 23.376 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

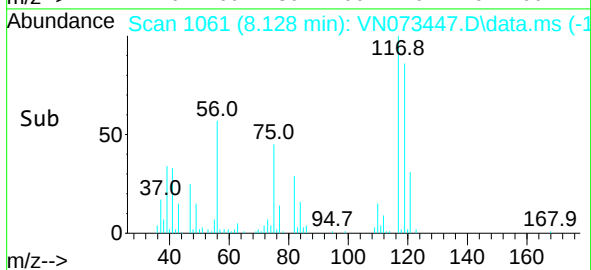
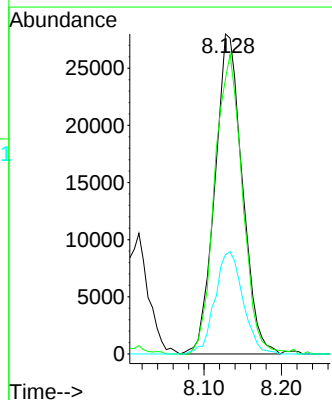
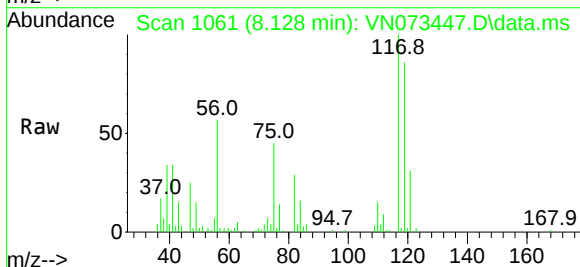
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

Tgt Ion: 43 Resp: 123724
Ion Ratio Lower Upper
43 100
61 12.7 11.8 17.6
70 8.6 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 19.062 ug/l
RT: 8.128 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 117 Resp: 69051
Ion Ratio Lower Upper
117 100
119 86.0 75.8 113.8
121 31.0 24.6 37.0





#39

Methylcyclohexane

Concen: 18.787 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073447.D

Acq: 13 Jul 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBSD01

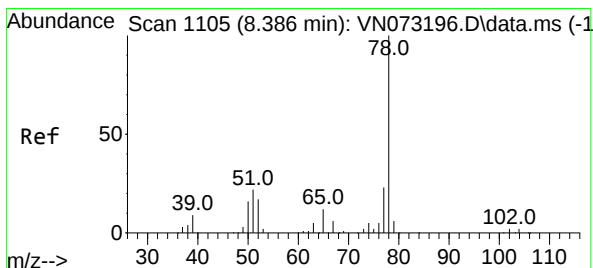
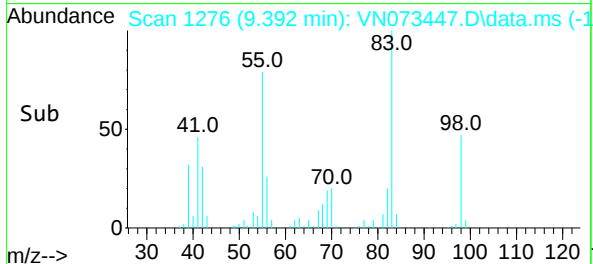
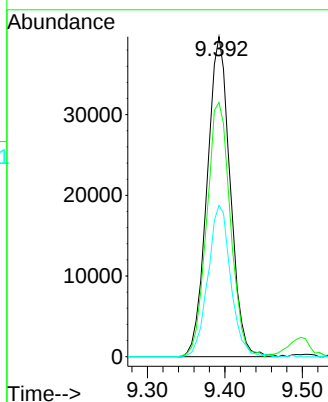
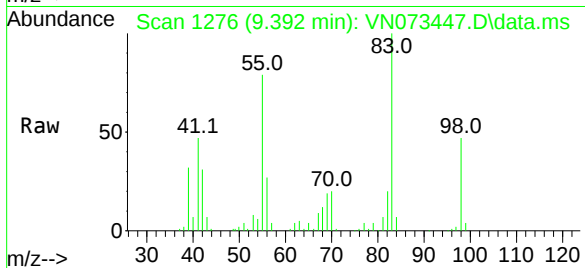
Tgt Ion: 83 Resp: 81931

Ion Ratio Lower Upper

83 100

55 79.4 57.8 86.8

98 47.3 39.4 59.2



#40

Benzene

Concen: 20.703 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073447.D

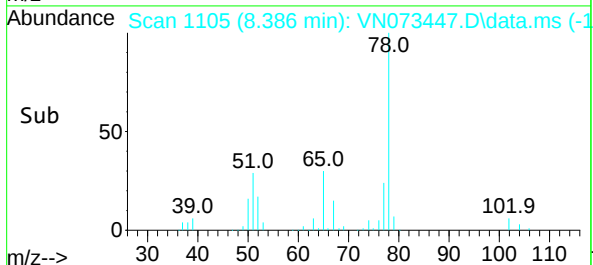
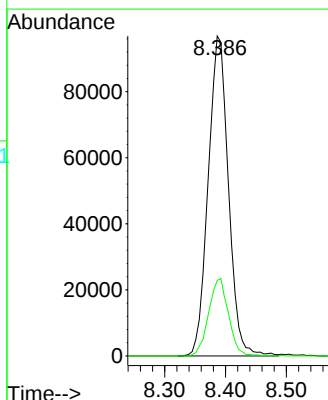
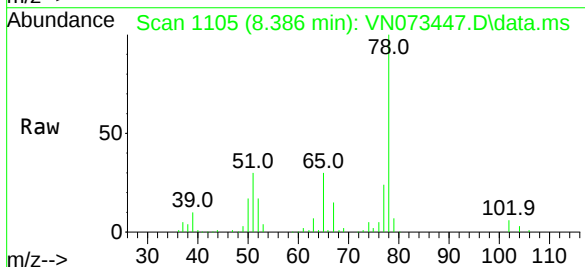
Acq: 13 Jul 2022 14:11

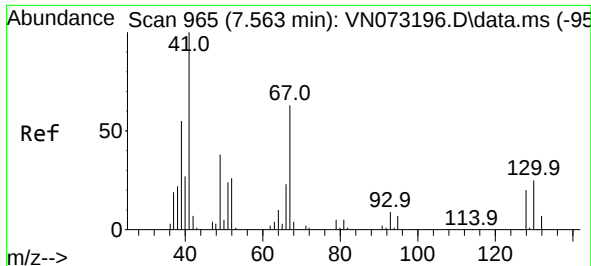
Tgt Ion: 78 Resp: 223810

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0

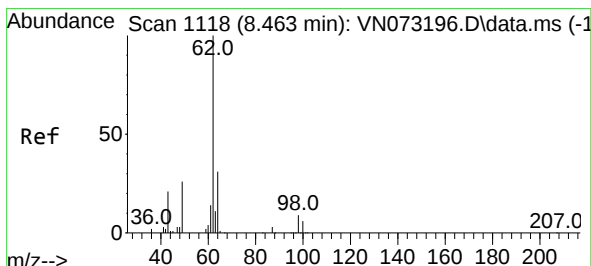
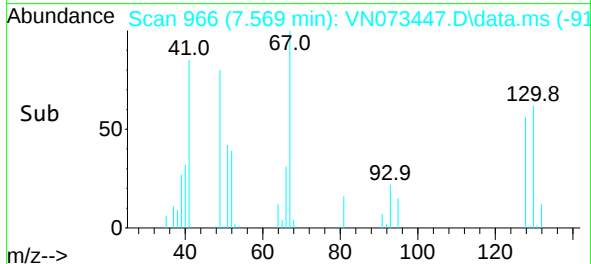
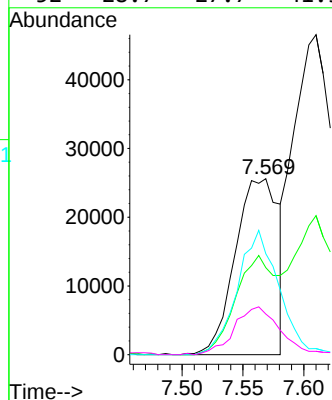
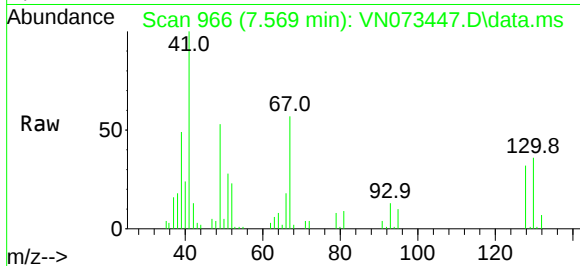




#41
Methacrylonitrile
Concen: 24.711 ug/l
RT: 7.569 min Scan# 965
Delta R.T. 0.006 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

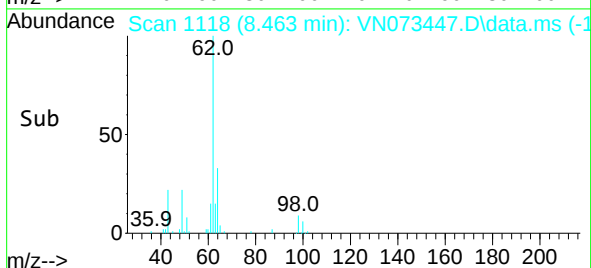
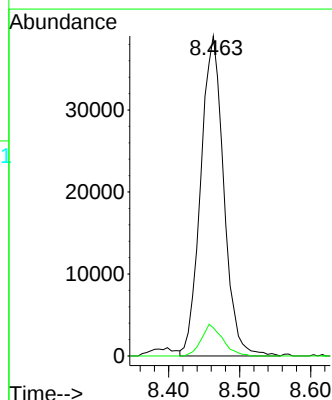
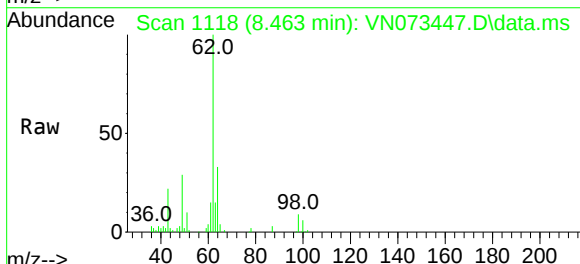
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

Tgt Ion: 41 Resp: 63431
Ion Ratio Lower Upper
41 100
39 53.6 48.6 73.0
67 68.8 73.4 110.2#
52 28.7 27.7 41.5



#42
1,2-Dichloroethane
Concen: 22.488 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 62 Resp: 88125
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.4

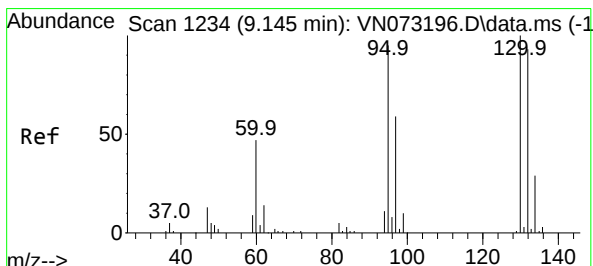
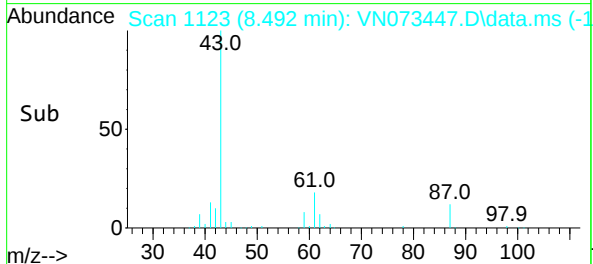
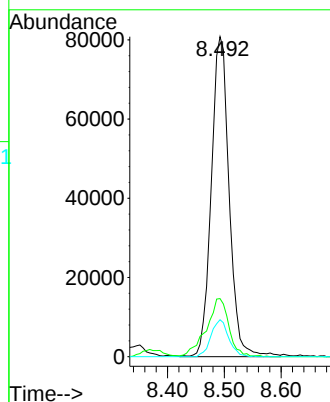
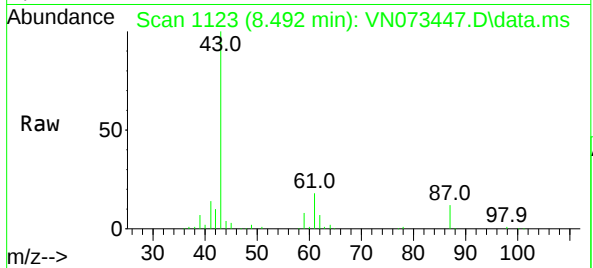




#43
Isopropyl Acetate
Concen: 23.171 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

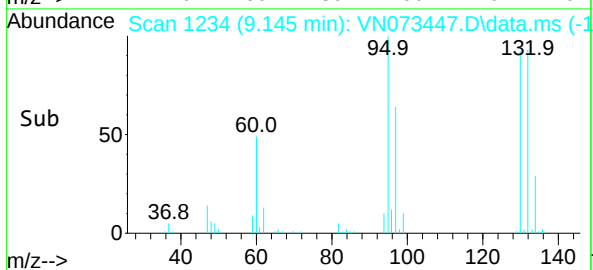
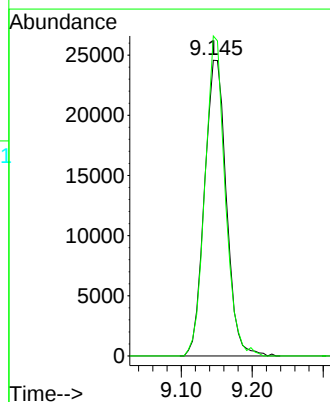
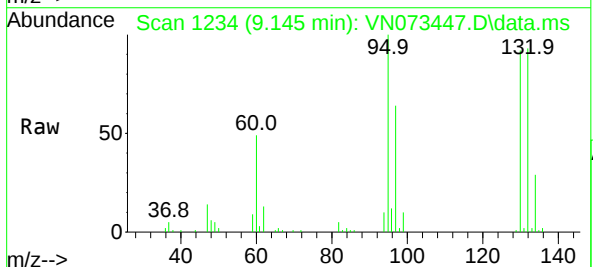
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

Tgt Ion: 43 Resp: 176253
Ion Ratio Lower Upper
43 100
61 23.1 21.9 32.9
87 11.4 12.0 18.0#



#44
Trichloroethene
Concen: 19.158 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion:130 Resp: 52705
Ion Ratio Lower Upper
130 100
95 108.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 22.672 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VN073447.D

Acq: 13 Jul 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

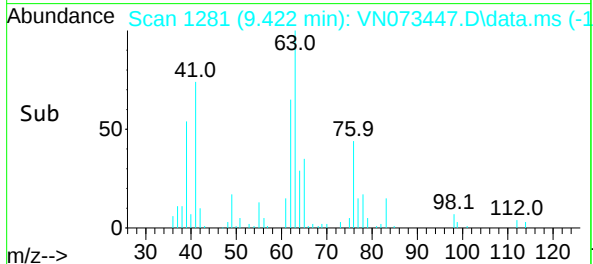
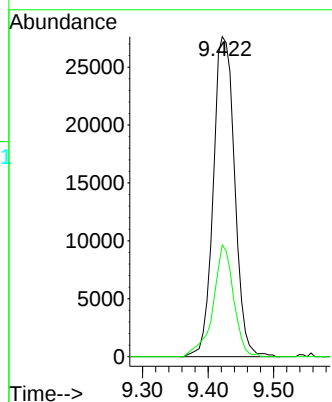
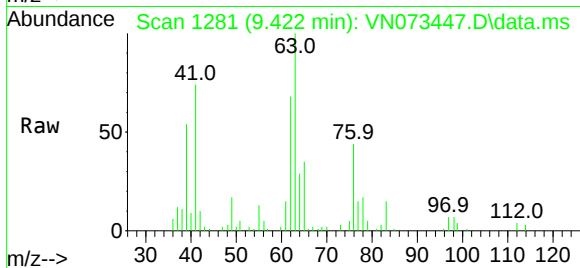
VN0713MBS01

Tgt Ion: 63 Resp: 62470

Ion Ratio Lower Upper

63 100

65 35.0 24.9 37.3



#46

Dibromomethane

Concen: 21.896 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073447.D

Acq: 13 Jul 2022 14:11

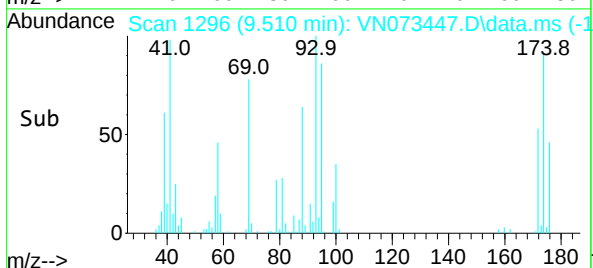
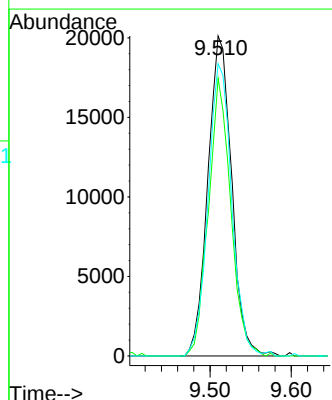
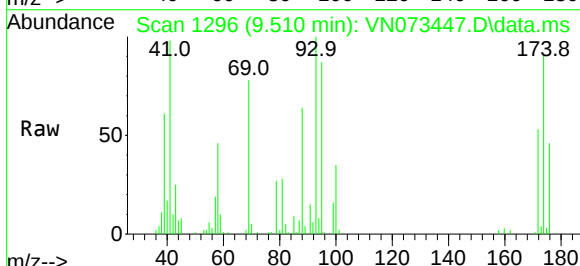
Tgt Ion: 93 Resp: 40965

Ion Ratio Lower Upper

93 100

95 81.4 66.9 100.3

174 90.9 86.6 130.0

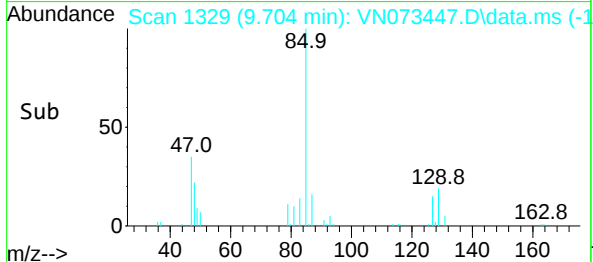
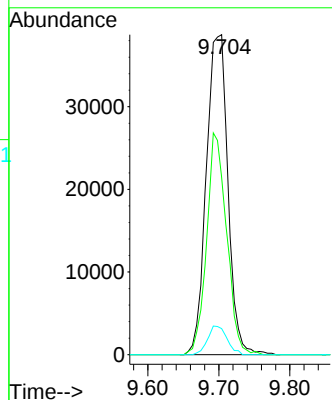
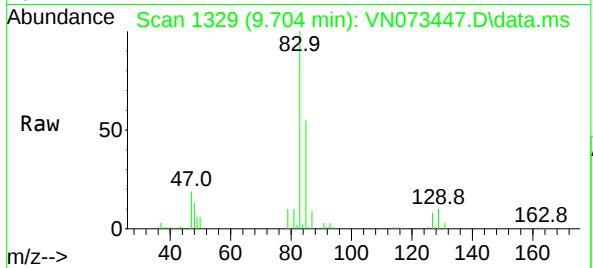




#47
Bromodichloromethane
Concen: 22.620 ug/l
RT: 9.704 min Scan# 1329
Delta R.T. 0.006 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

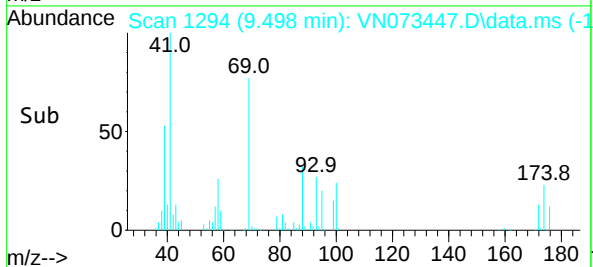
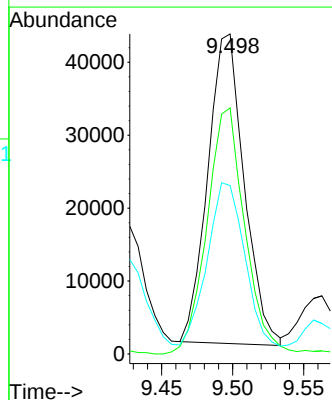
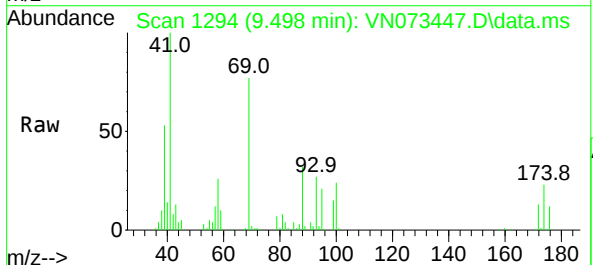
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

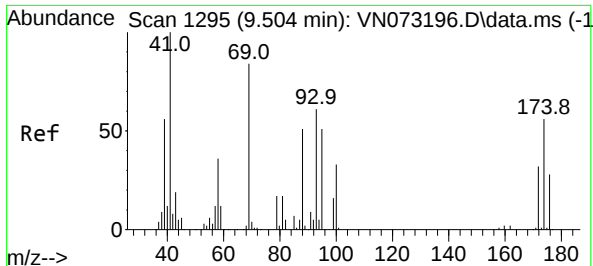
Tgt Ion: 83 Resp: 81964
Ion Ratio Lower Upper
83 100
85 55.4 50.5 75.7
127 8.2 6.8 10.2



#48
Methyl methacrylate
Concen: 21.446 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 41 Resp: 75533
Ion Ratio Lower Upper
41 100
69 83.3 74.7 112.1
39 58.9 45.6 68.4

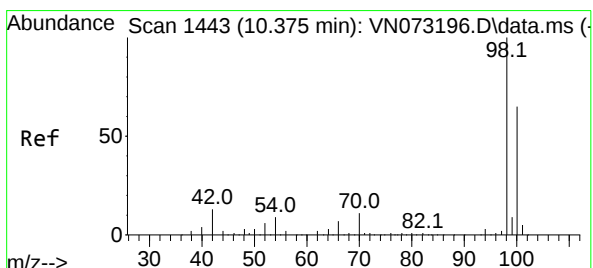
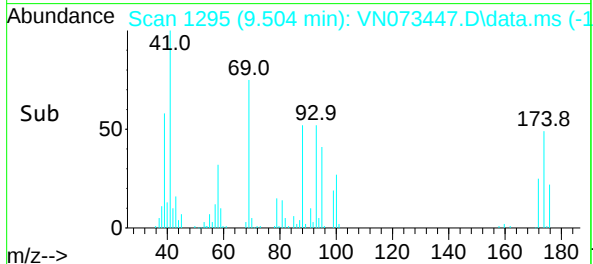
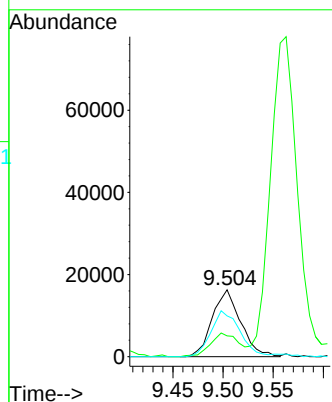
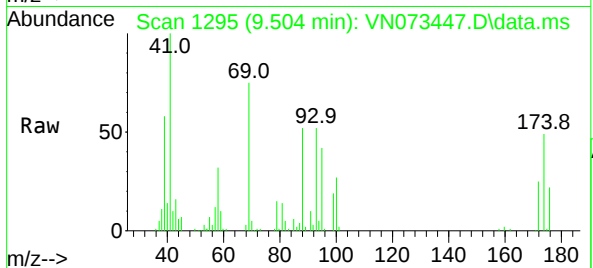




#49
1,4-Dioxane
Concen: 480.041 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

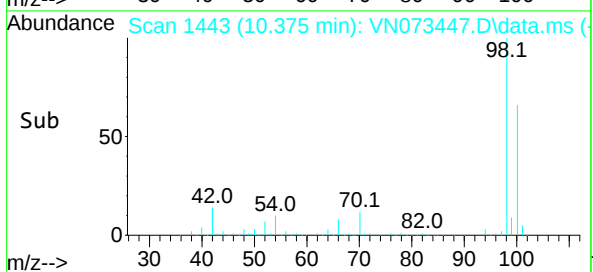
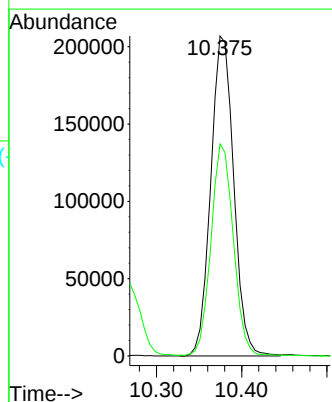
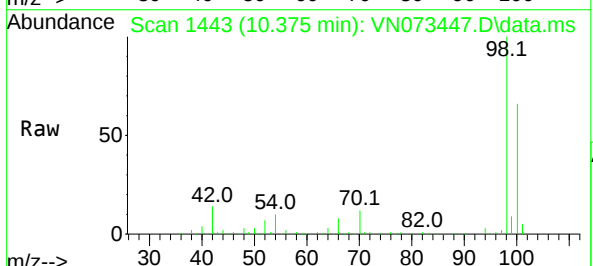
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

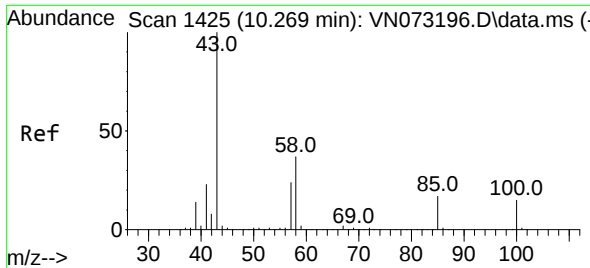
Tgt Ion: 88 Resp: 32096
Ion Ratio Lower Upper
88 100
43 34.3 20.2 30.4#
58 69.8 54.2 81.4



#50
Toluene-d8
Concen: 47.855 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 98 Resp: 386931
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

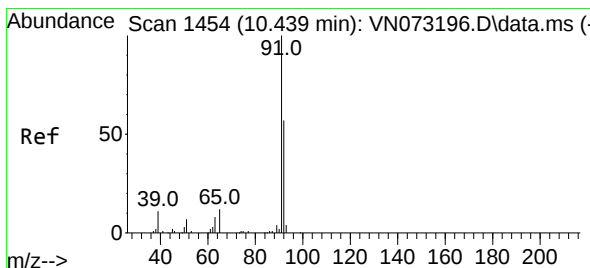
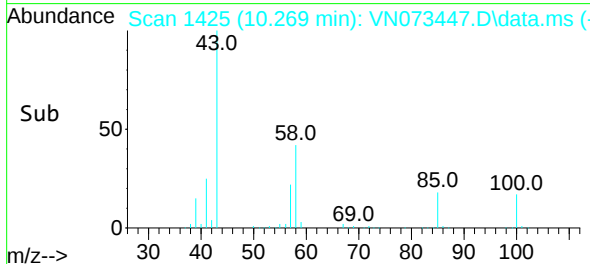
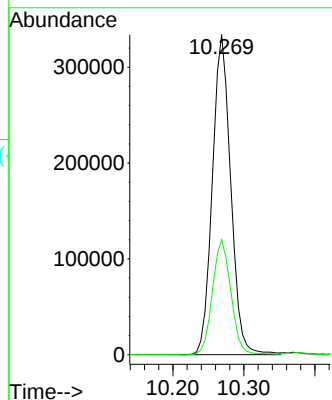
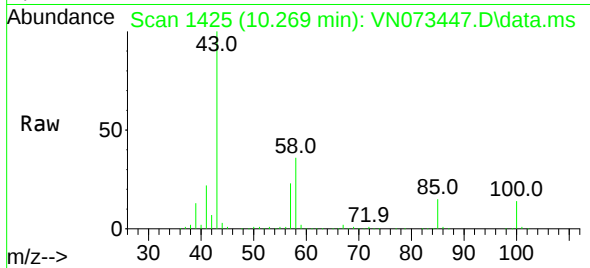




#51
4-Methyl-2-Pentanone
Concen: 124.347 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

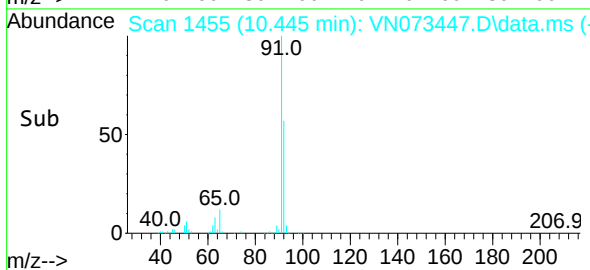
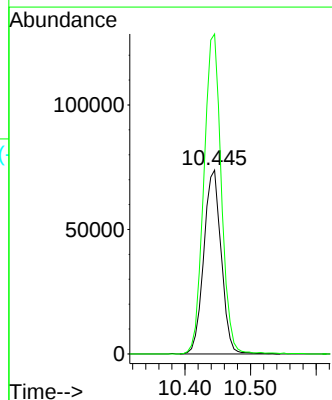
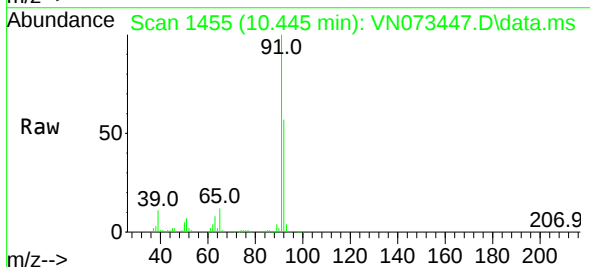
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

Tgt Ion: 43 Resp: 599831
Ion Ratio Lower Upper
43 100
58 36.0 34.1 51.1



#52
Toluene
Concen: 20.435 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 92 Resp: 136523
Ion Ratio Lower Upper
92 100
91 174.2 138.6 207.8

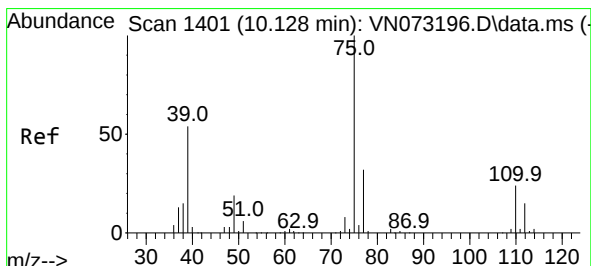
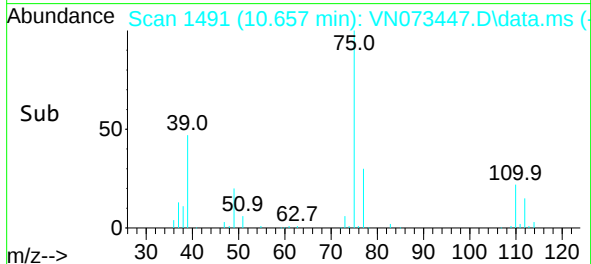
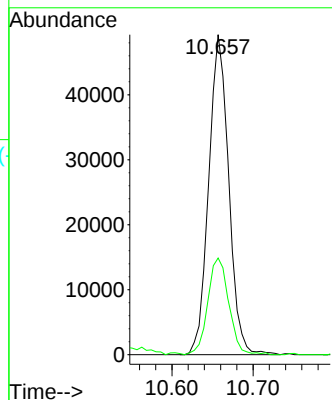
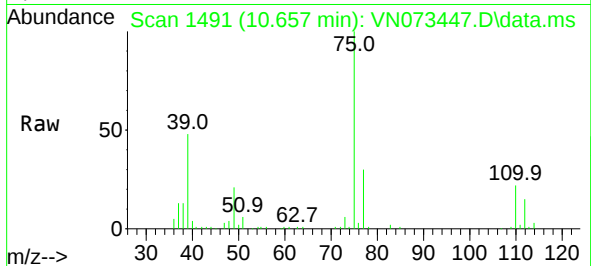




#53
 t-1,3-Dichloropropene
 Concen: 21.118 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.000 min
 Lab File: VN073447.D
 Acq: 13 Jul 2022 14:11

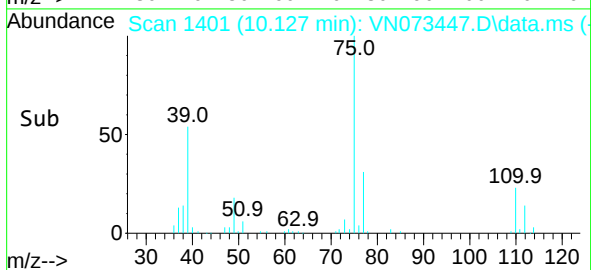
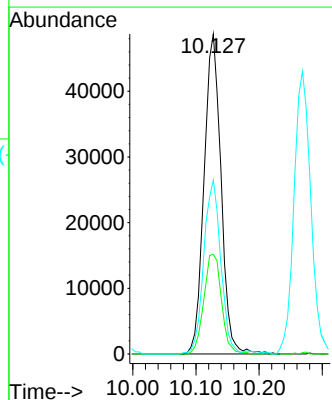
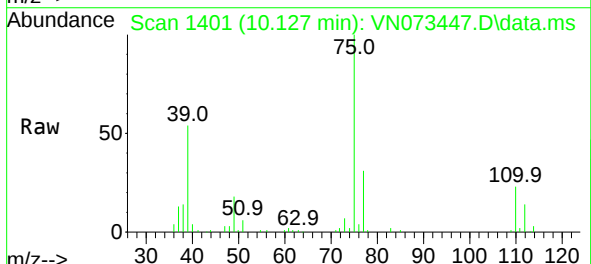
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713MBSD01

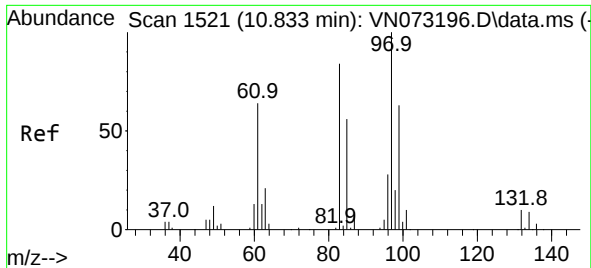
Tgt Ion: 75 Resp: 84238
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.071 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. -0.001 min
 Lab File: VN073447.D
 Acq: 13 Jul 2022 14:11

Tgt Ion: 75 Resp: 90745
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8
 39 54.4 35.7 53.5#

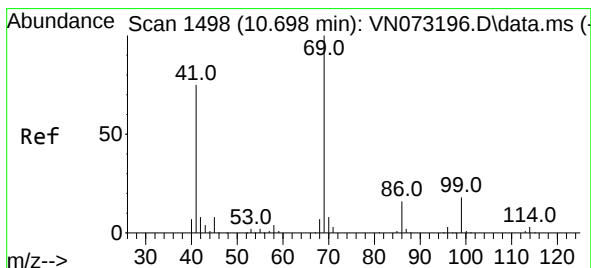
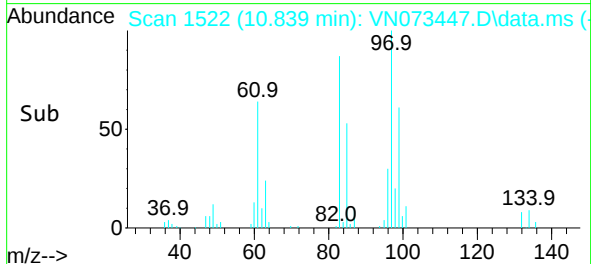
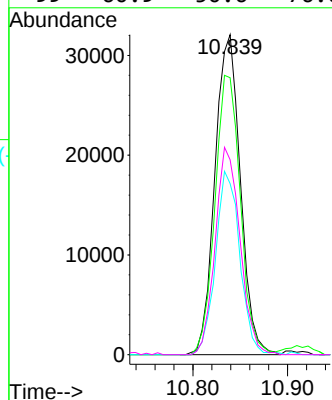
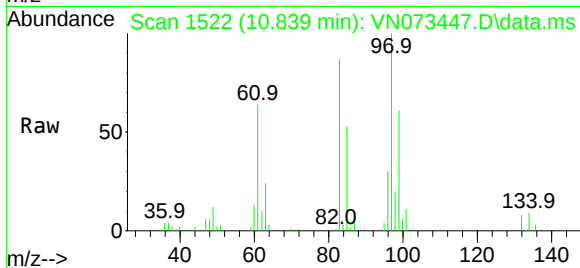




#55
1,1,2-Trichloroethane
Concen: 21.731 ug/l
RT: 10.839 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

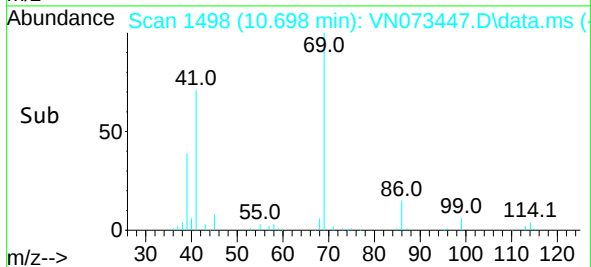
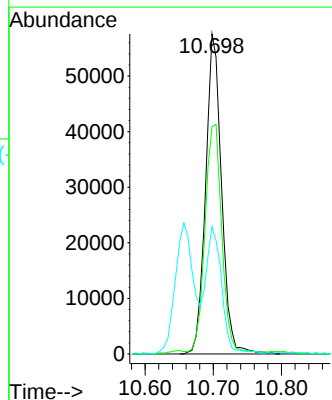
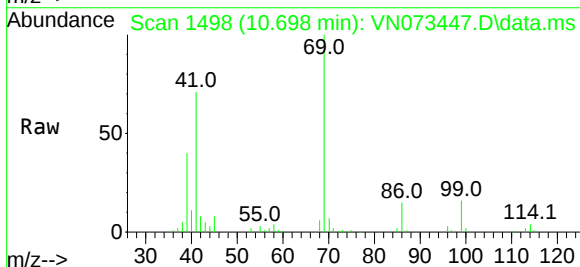
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

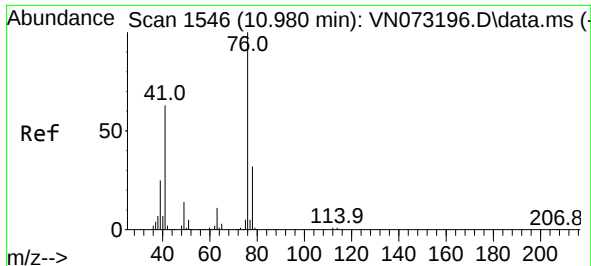
Tgt Ion:	97	Resp:	59770
Ion	Ratio	Lower	Upper
97	100		
83	86.6	66.2	99.4
85	53.4	43.9	65.9
99	60.9	50.6	76.0



#56
Ethyl methacrylate
Concen: 21.091 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion:	69	Resp:	93762
Ion	Ratio	Lower	Upper
69	100		
41	75.0	47.8	71.6#
39	38.6	27.3	40.9





#57

1,3-Dichloropropane

Concen: 22.053 ug/l

RT: 10.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN073447.D

Acq: 13 Jul 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

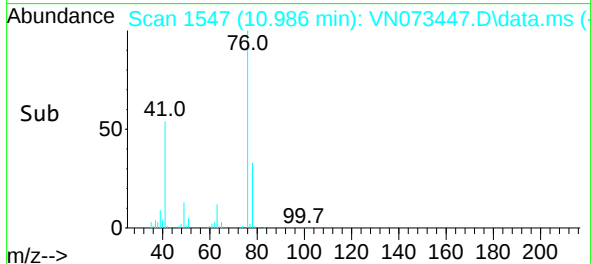
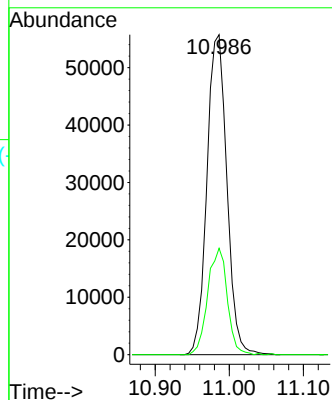
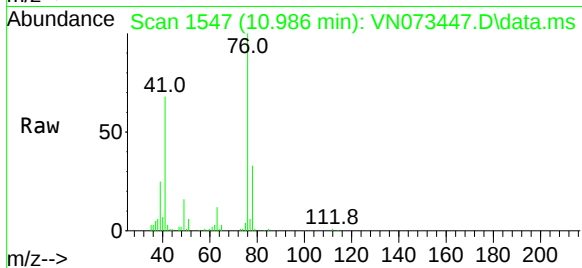
VN0713MBSD01

Tgt Ion: 76 Resp: 103977

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 101.093 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.005 min

Lab File: VN073447.D

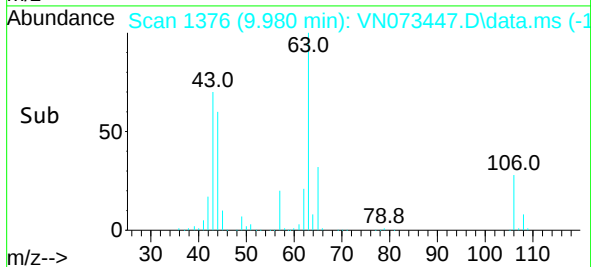
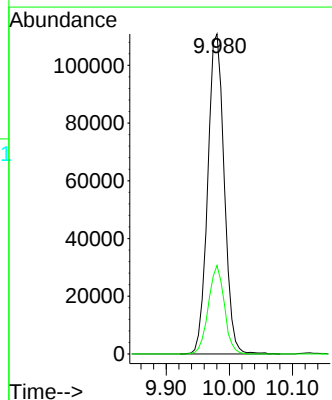
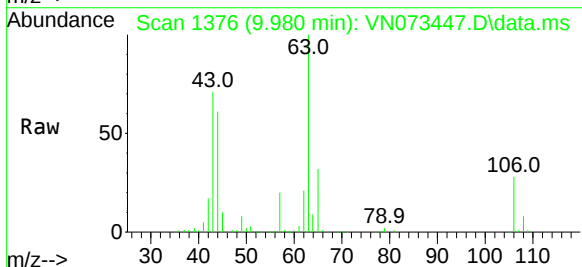
Acq: 13 Jul 2022 14:11

Tgt Ion: 63 Resp: 200431

Ion Ratio Lower Upper

63 100

106 26.8 24.6 36.8

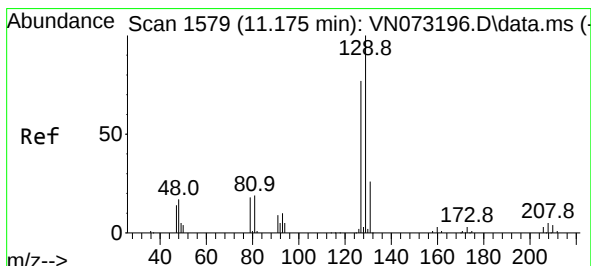
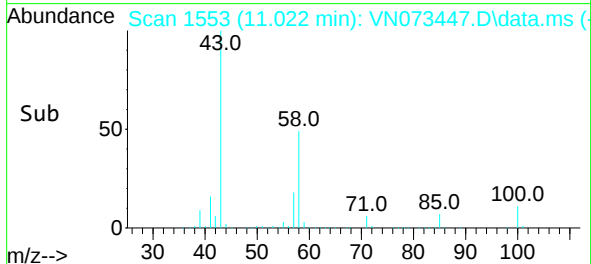
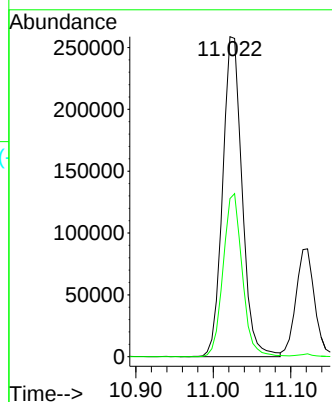
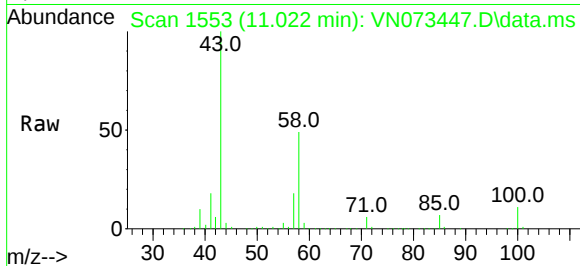




#59
2-Hexanone
Concen: 123.064 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

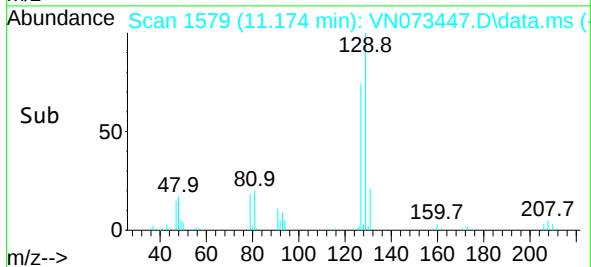
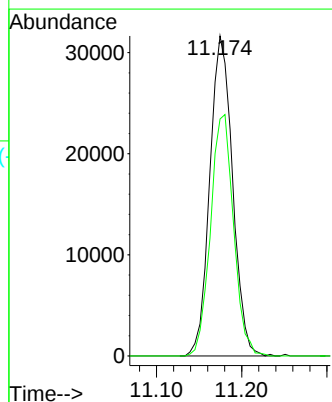
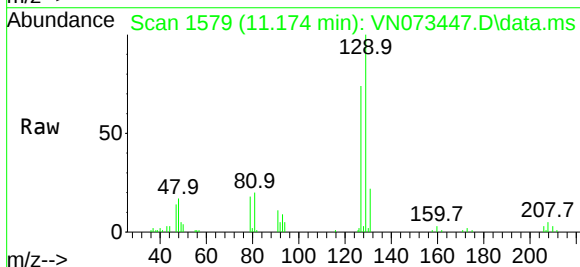
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

Tgt Ion: 43 Resp: 452516
Ion Ratio Lower Upper
43 100
58 50.1 29.7 89.1



#60
Dibromochloromethane
Concen: 22.381 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.001 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 129 Resp: 58690
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4

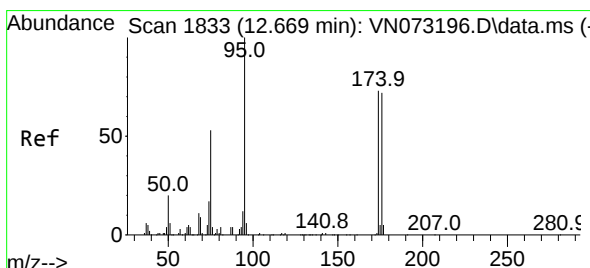
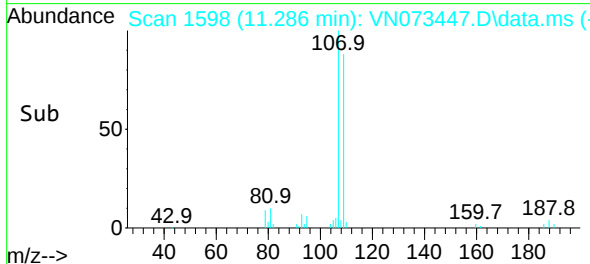
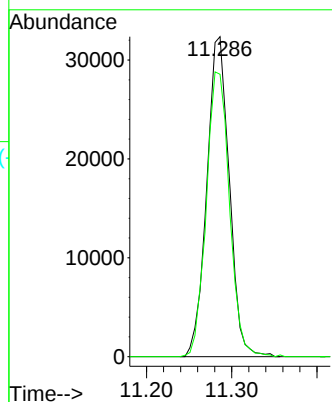
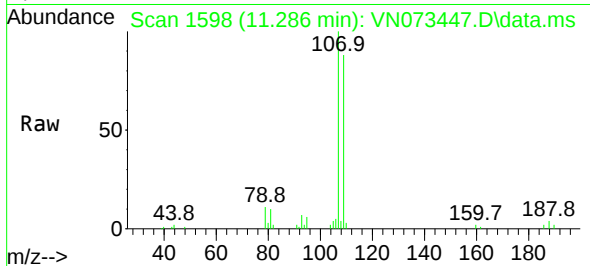




#61
1,2-Dibromoethane
Concen: 21.602 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

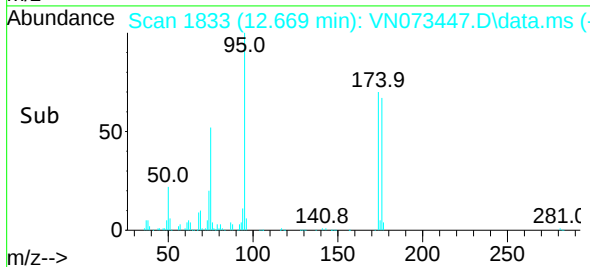
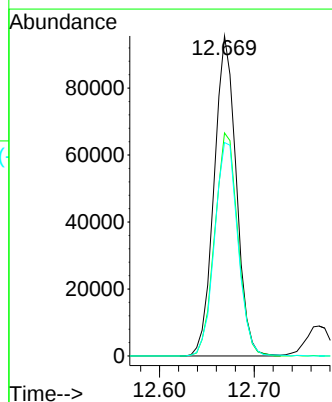
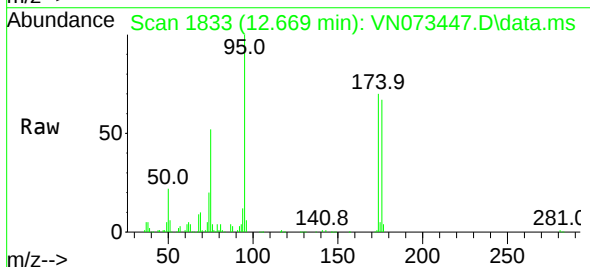
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

Tgt Ion:107 Resp: 59346
Ion Ratio Lower Upper
107 100
109 91.8 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 50.001 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 95 Resp: 155366
Ion Ratio Lower Upper
95 100
174 72.6 0.0 167.6
176 70.6 0.0 163.4

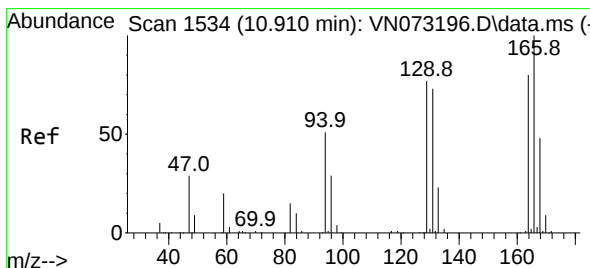
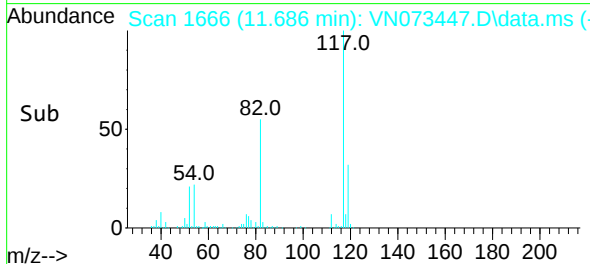
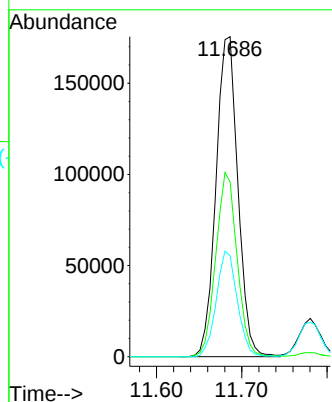
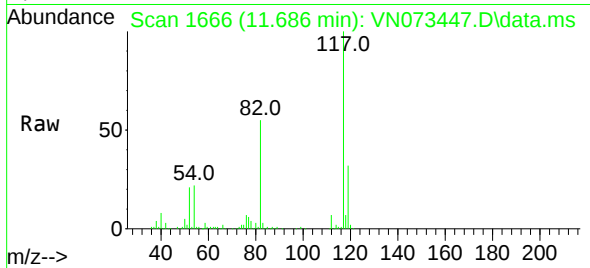




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

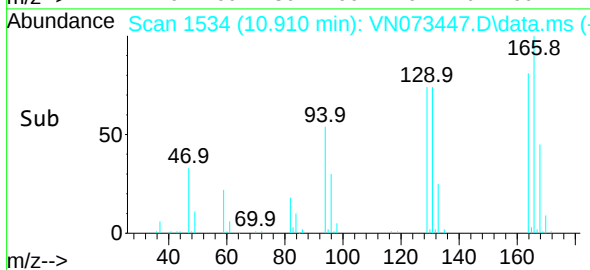
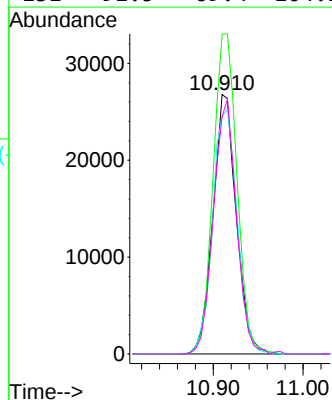
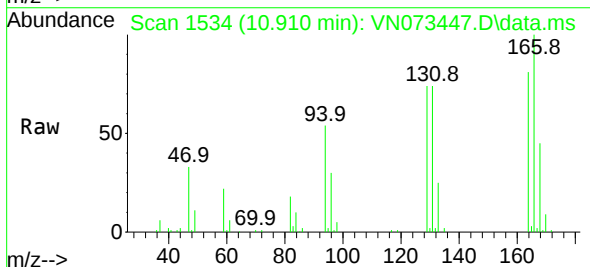
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

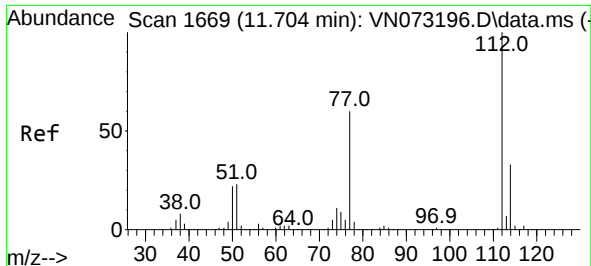
Tgt Ion:117 Resp: 313342
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 31.5 25.4 38.0



#64
Tetrachloroethene
Concen: 18.958 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion:164 Resp: 48507
Ion Ratio Lower Upper
164 100
166 123.3 104.2 156.2
129 91.6 73.9 110.9
131 91.5 69.4 104.2

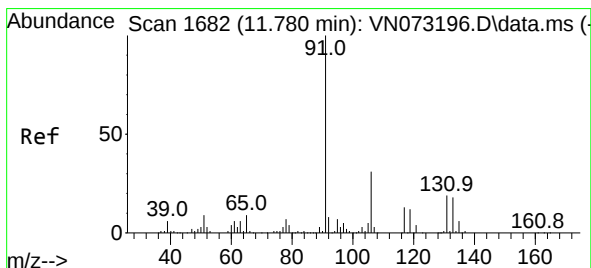
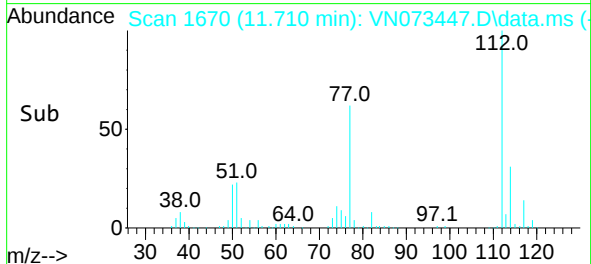
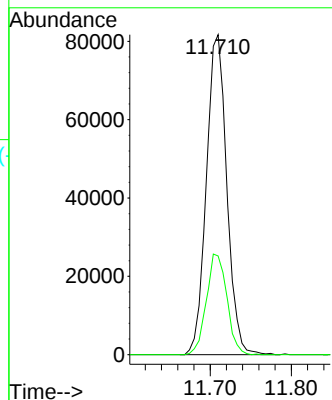
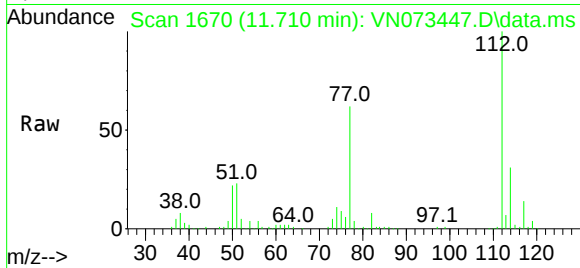




#65
Chlorobenzene
Concen: 20.130 ug/l
RT: 11.710 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

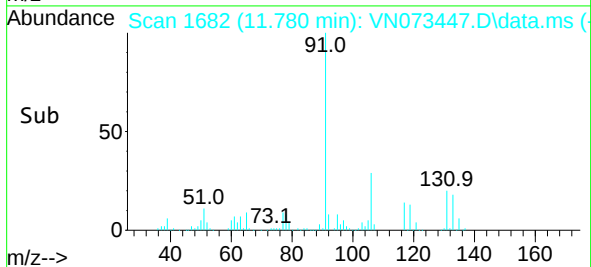
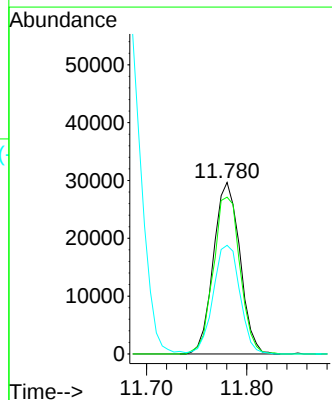
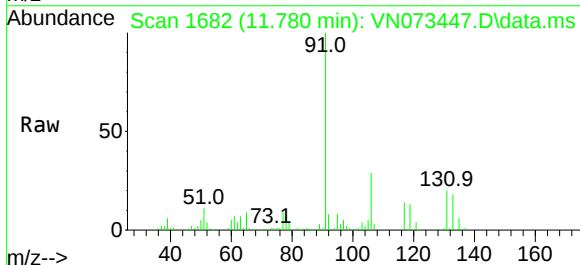
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

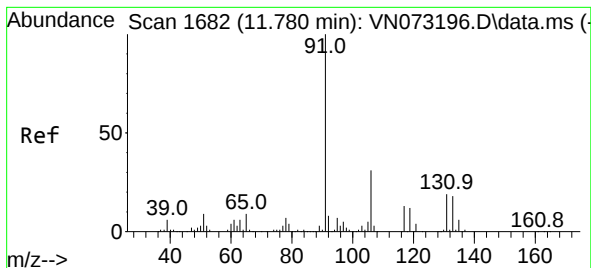
Tgt Ion:112 Resp: 142657
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.833 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion:131 Resp: 54302
Ion Ratio Lower Upper
131 100
133 92.3 47.8 143.4
119 64.0 33.4 100.2





#67

Ethyl Benzene

Concen: 19.904 ug/l

RT: 11.786 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073447.D

Acq: 13 Jul 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

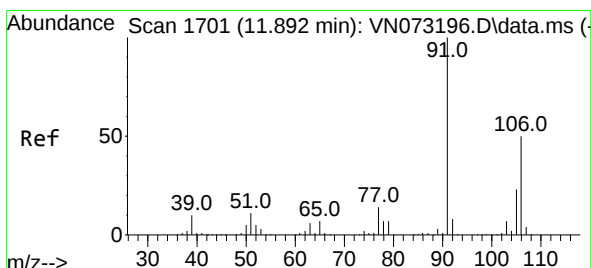
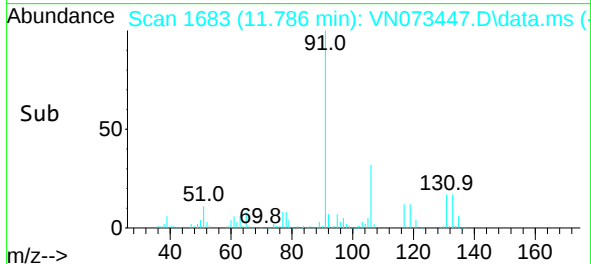
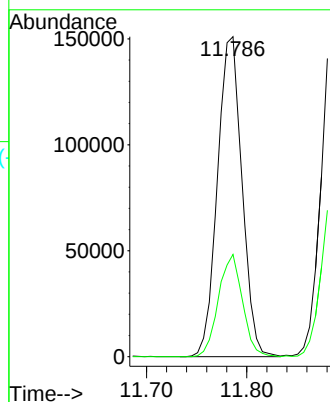
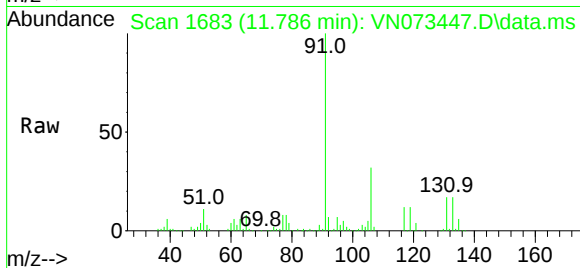
VN0713MBSD01

Tgt Ion: 91 Resp: 256075

Ion Ratio Lower Upper

91 100

106 31.9 24.9 37.3



#68

m/p-Xylenes

Concen: 39.493 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN073447.D

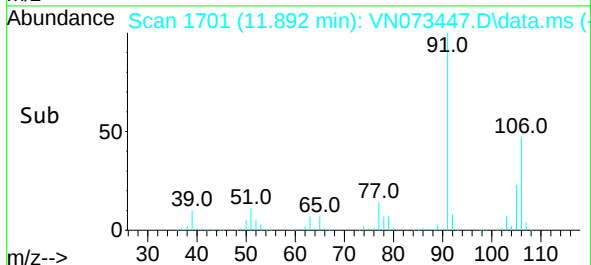
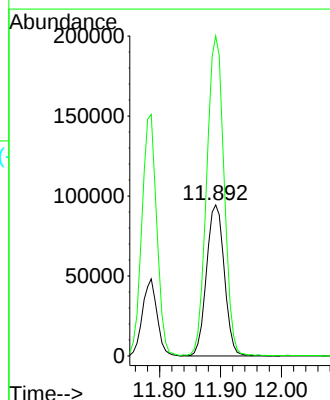
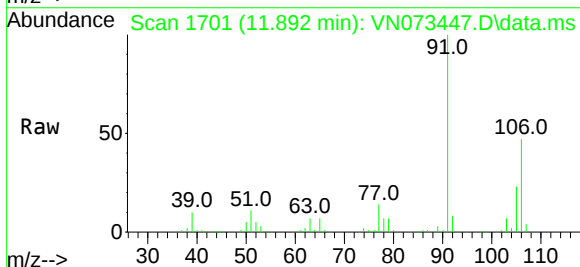
Acq: 13 Jul 2022 14:11

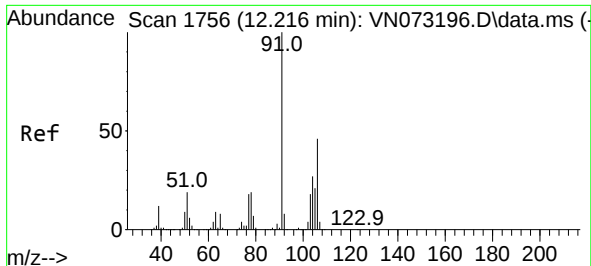
Tgt Ion: 106 Resp: 191756

Ion Ratio Lower Upper

106 100

91 206.1 158.9 238.3

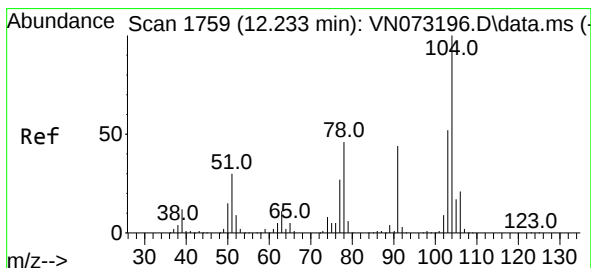
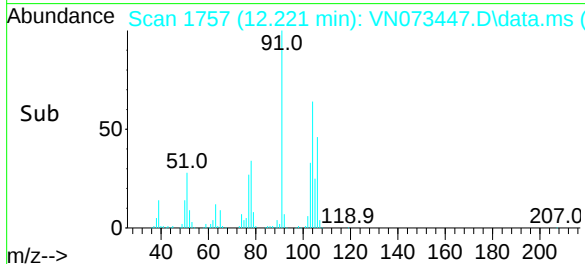
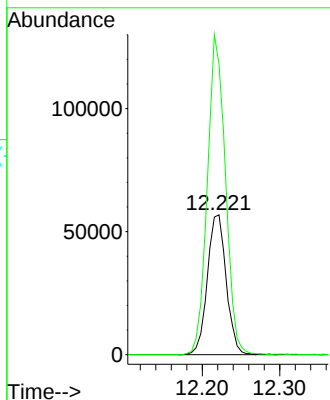
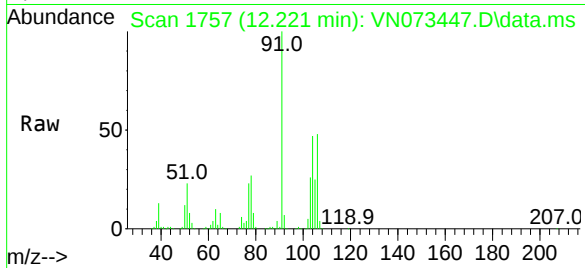




#69
o-Xylene
Concen: 19.390 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.005 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

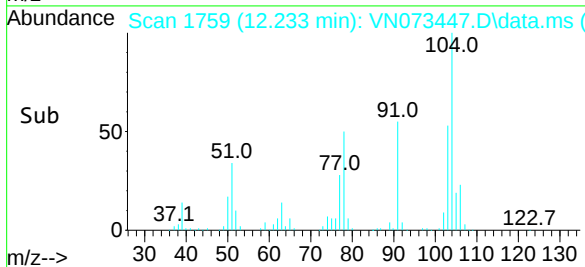
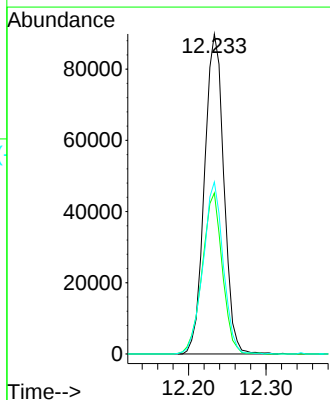
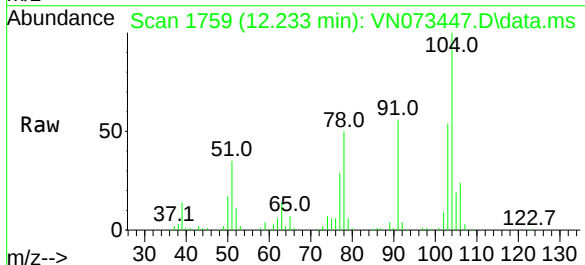
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

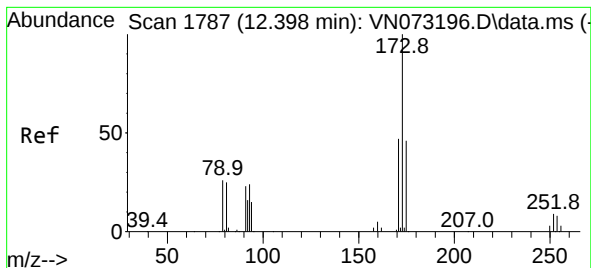
Tgt Ion:106 Resp: 96113
Ion Ratio Lower Upper
106 100
91 219.2 106.0 318.0



#70
Styrene
Concen: 20.367 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion:104 Resp: 155865
Ion Ratio Lower Upper
104 100
78 52.2 39.5 59.3
103 56.0 44.0 66.0





#71

Bromoform

Concen: 21.445 ug/l

RT: 12.398 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN073447.D

Acq: 13 Jul 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBSD01

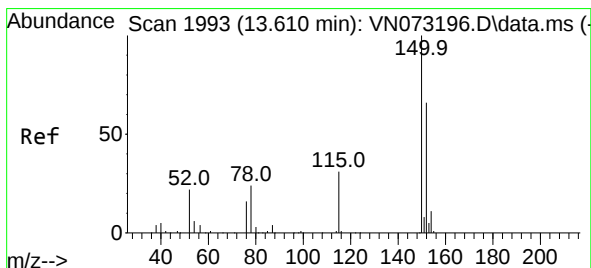
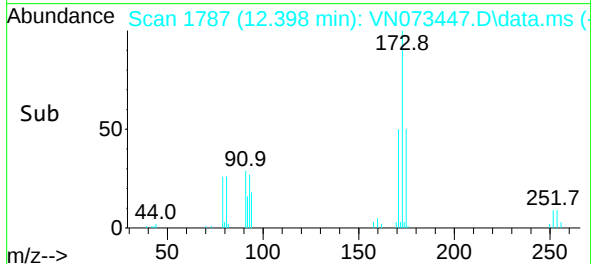
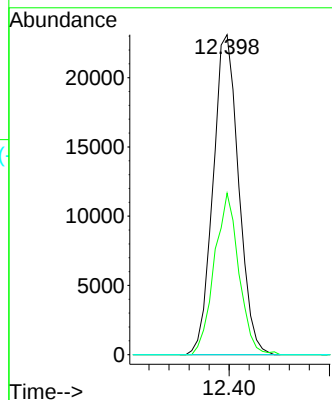
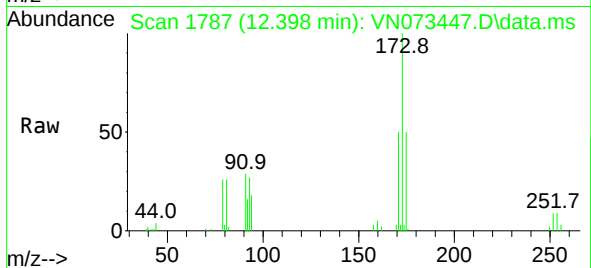
Tgt Ion:173 Resp: 40903

Ion Ratio Lower Upper

173 100

175 48.4 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. 0.005 min

Lab File: VN073447.D

Acq: 13 Jul 2022 14:11

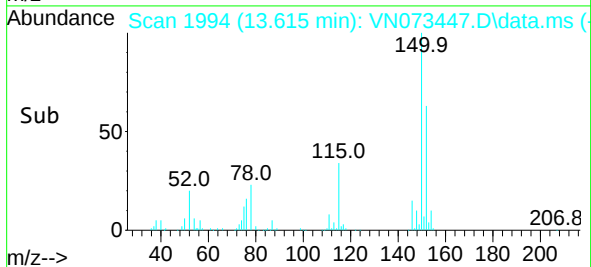
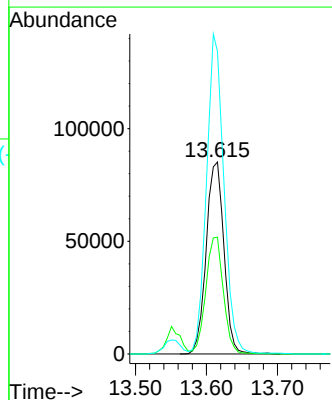
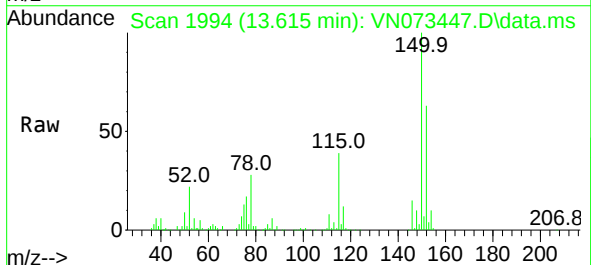
Tgt Ion:152 Resp: 148279

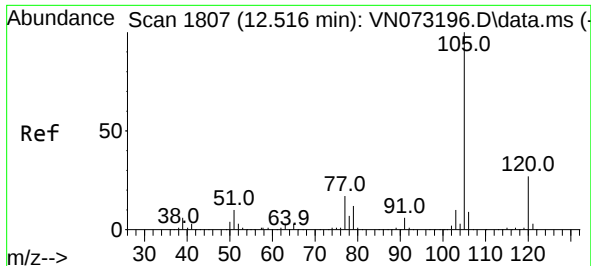
Ion Ratio Lower Upper

152 100

115 60.5 28.9 86.7

150 163.7 0.0 356.2

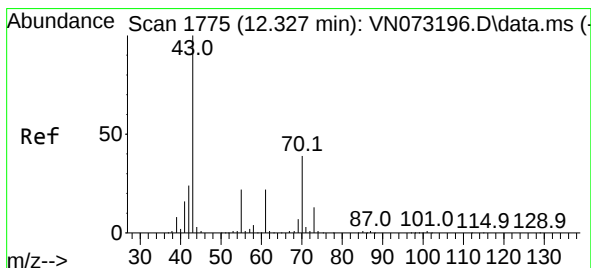
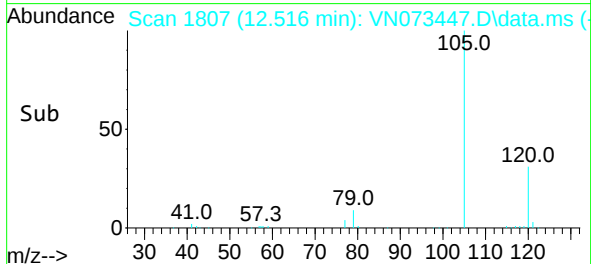
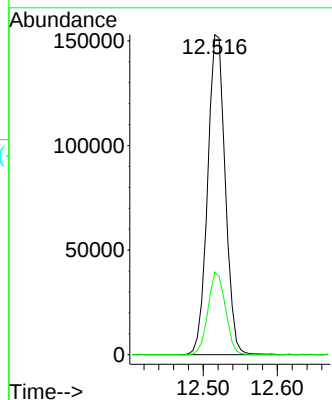
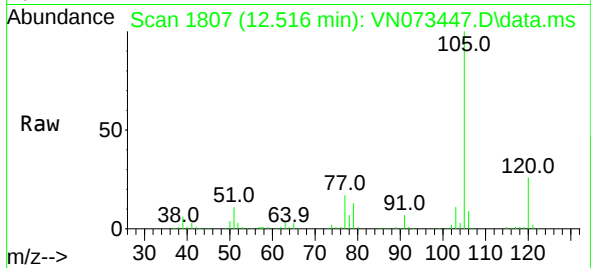




#73
Isopropylbenzene
Concen: 19.669 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

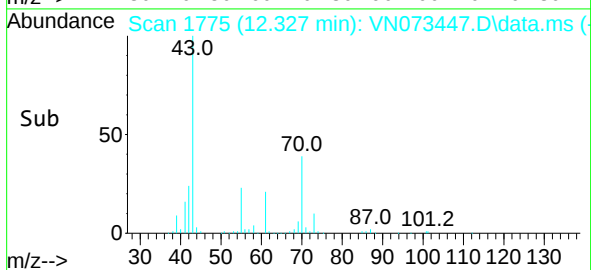
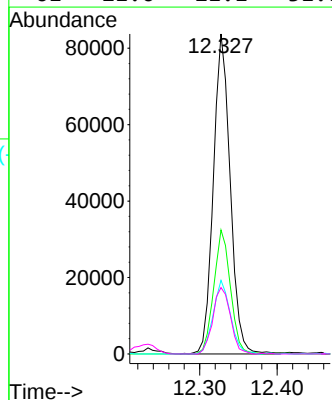
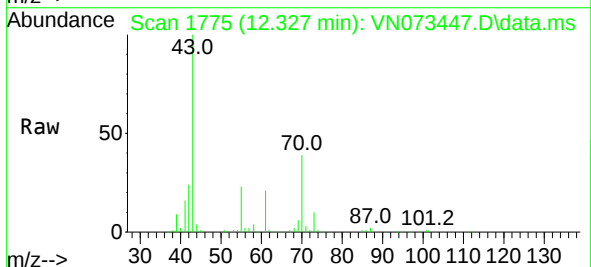
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

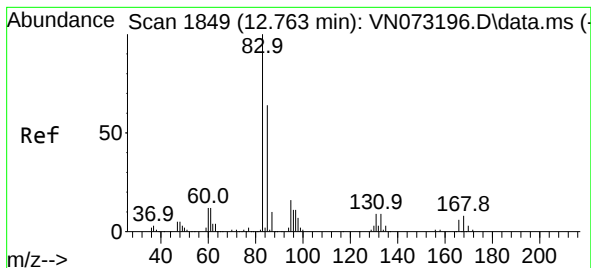
Tgt Ion:105 Resp: 251856
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.4



#74
N-ethyl acetate
Concen: 19.758 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 43 Resp: 126681
Ion Ratio Lower Upper
43 100
70 38.2 39.0 58.4#
55 23.4 21.1 31.7
61 21.6 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 22.520 ug/l

RT: 12.768 min Scan# 1849

Delta R.T. 0.005 min

Lab File: VN073447.D

Acq: 13 Jul 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBSD01

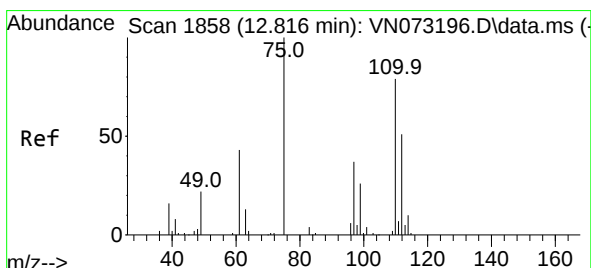
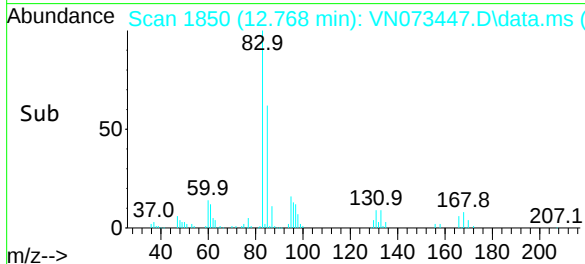
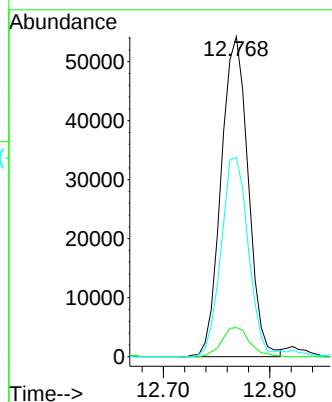
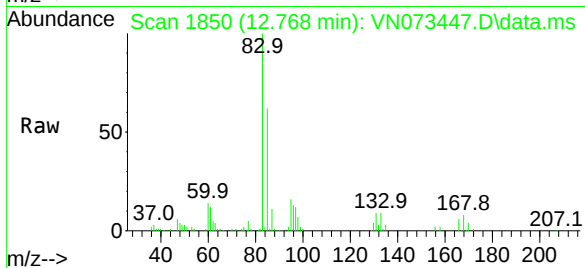
Tgt Ion: 83 Resp: 95687

Ion Ratio Lower Upper

83 100

131 9.5 5.3 15.9

85 62.5 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 31.062 ug/l

RT: 12.821 min Scan# 1859

Delta R.T. 0.005 min

Lab File: VN073447.D

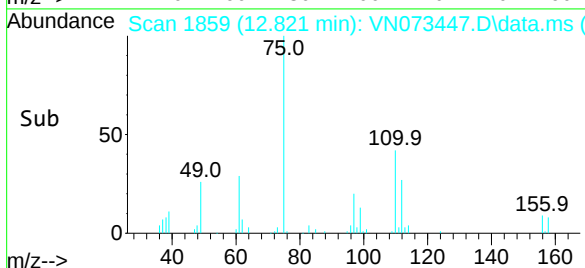
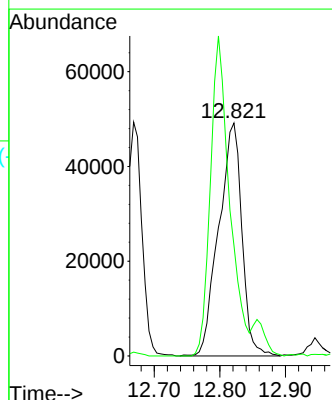
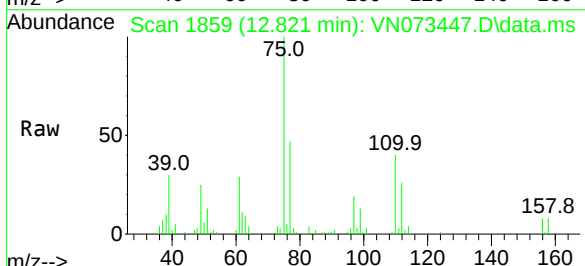
Acq: 13 Jul 2022 14:11

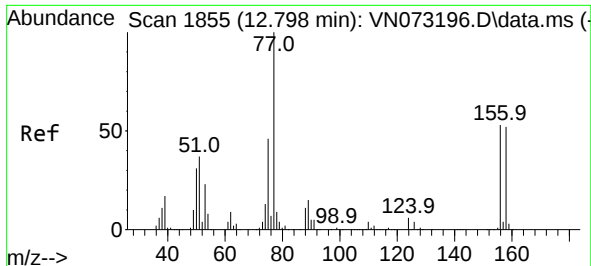
Tgt Ion: 75 Resp: 120432

Ion Ratio Lower Upper

75 100

77 0.0 98.5 295.5#

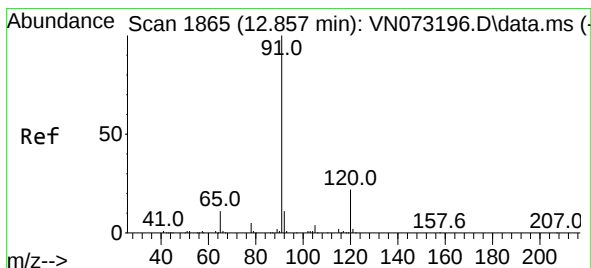
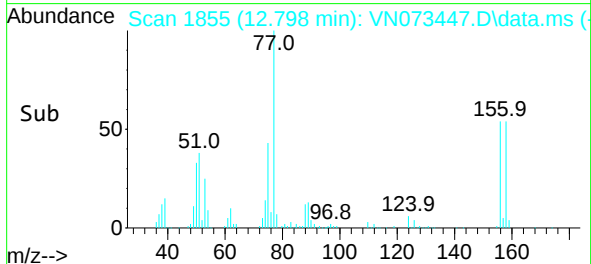
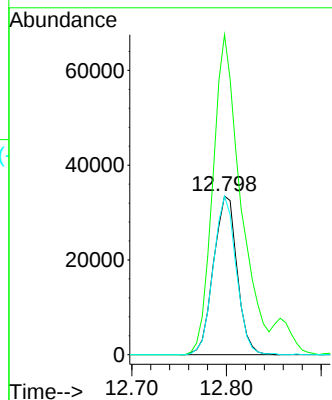
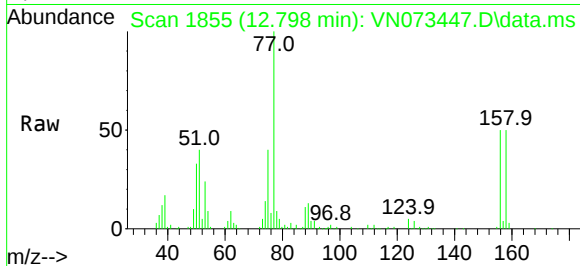




#77
Bromobenzene
Concen: 19.487 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

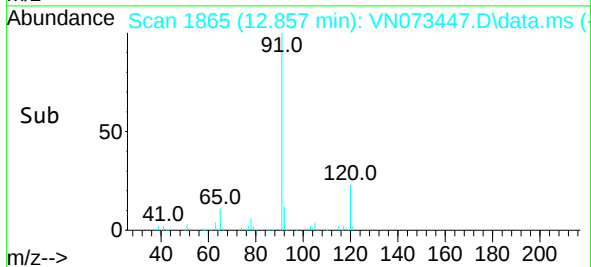
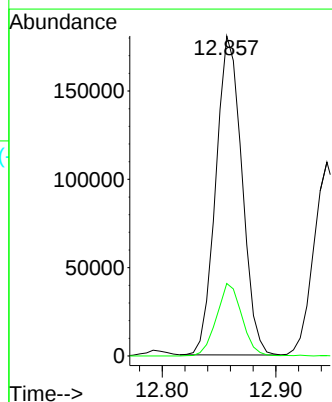
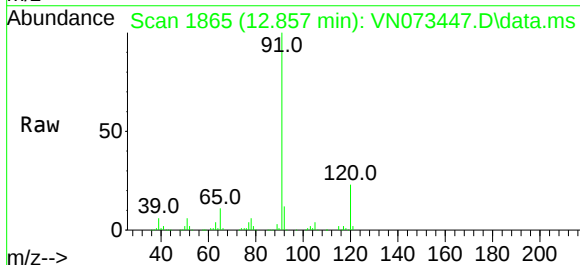
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

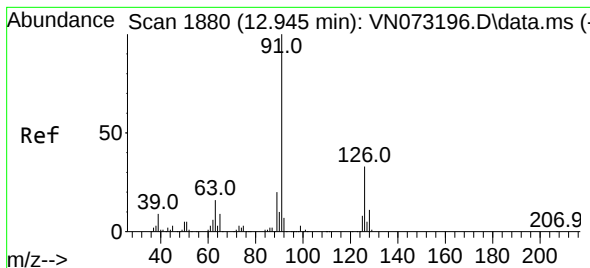
Tgt Ion:156 Resp: 58014
Ion Ratio Lower Upper
156 100
77 236.8 100.5 301.5
158 97.1 48.9 146.6



#78
n-propylbenzene
Concen: 20.275 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 91 Resp: 288404
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.5





#79

2-Chlorotoluene

Concen: 20.007 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN073447.D

Acq: 13 Jul 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

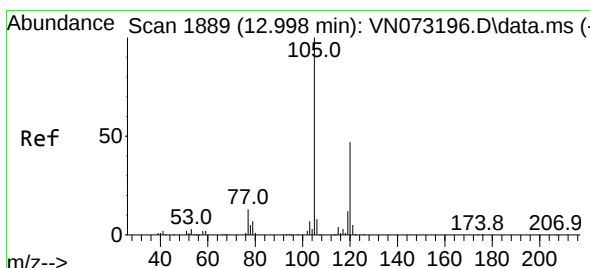
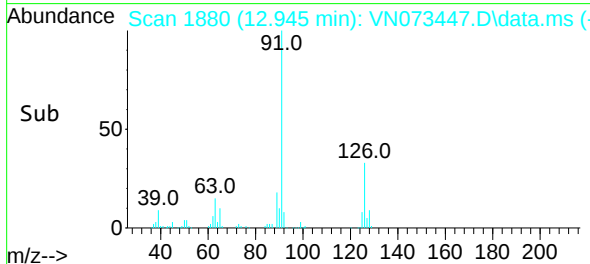
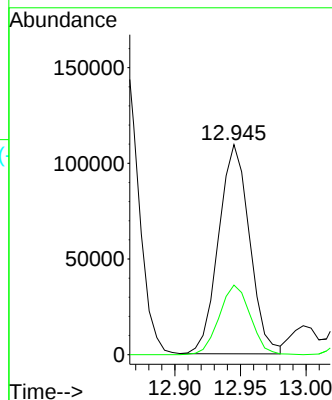
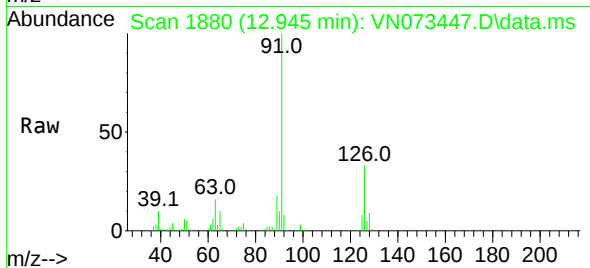
VN0713MBSD01

Tgt Ion: 91 Resp: 180123

Ion Ratio Lower Upper

91 100

126 33.3 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 20.175 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073447.D

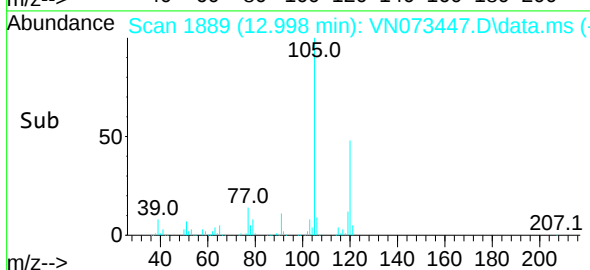
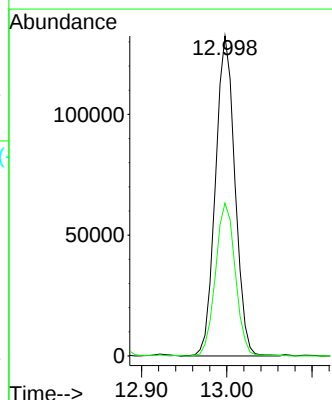
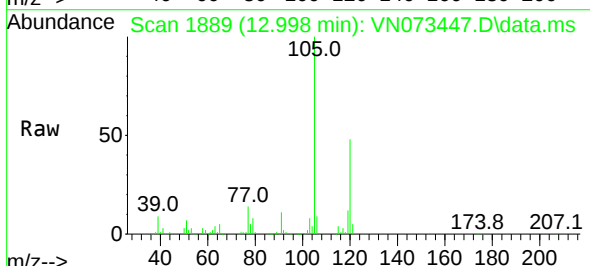
Acq: 13 Jul 2022 14:11

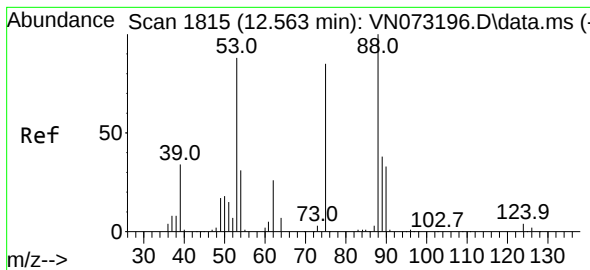
Tgt Ion:105 Resp: 210556

Ion Ratio Lower Upper

105 100

120 48.5 24.9 74.7

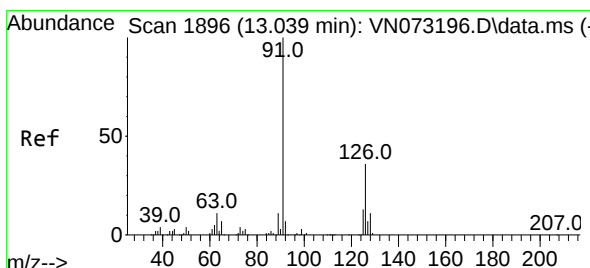
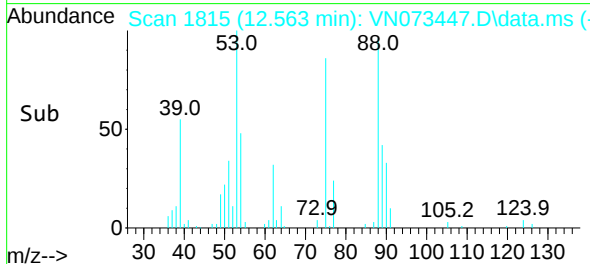
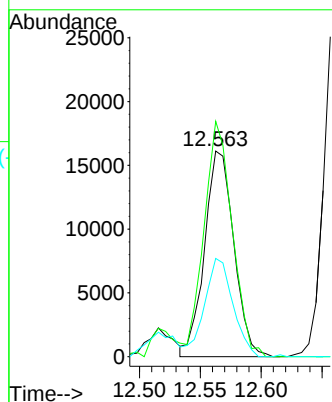
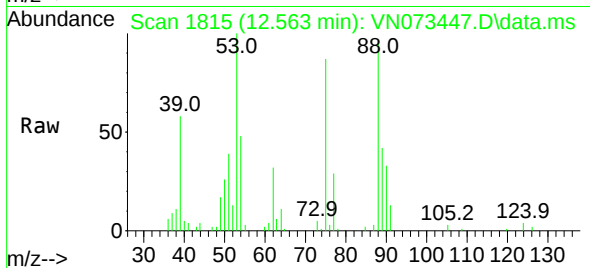




#81
trans-1,4-Dichloro-2-butene
Concen: 19.055 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

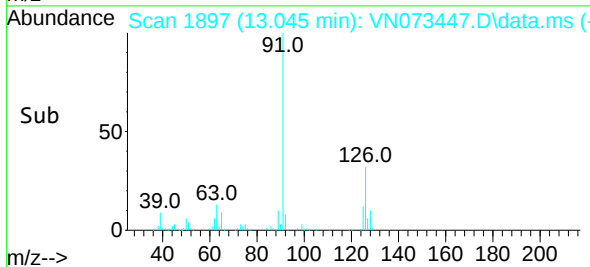
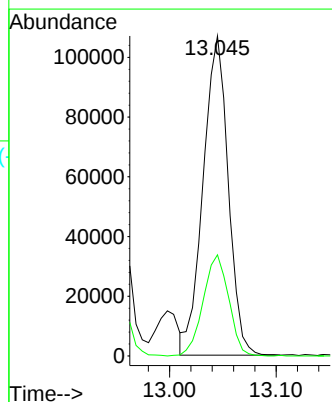
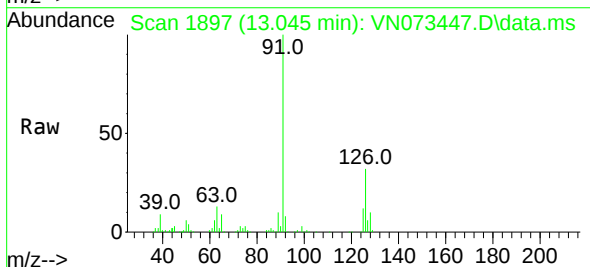
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

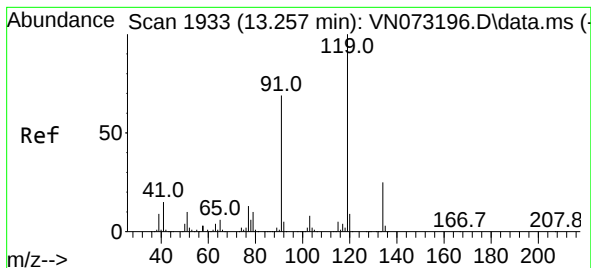
Tgt Ion: 75 Resp: 26940
Ion Ratio Lower Upper
75 100
53 109.2 78.0 117.0
89 46.6 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.036 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 91 Resp: 174637
Ion Ratio Lower Upper
91 100
126 32.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.403 ug/l

RT: 13.263 min Scan# 1933

Delta R.T. 0.006 min

Lab File: VN073447.D

Acq: 13 Jul 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBSD01

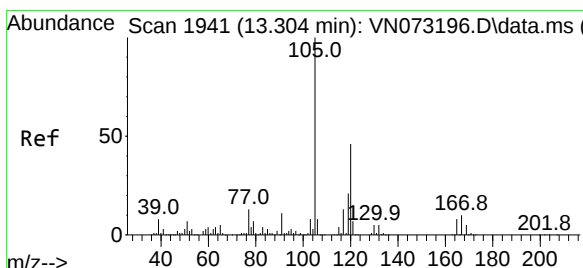
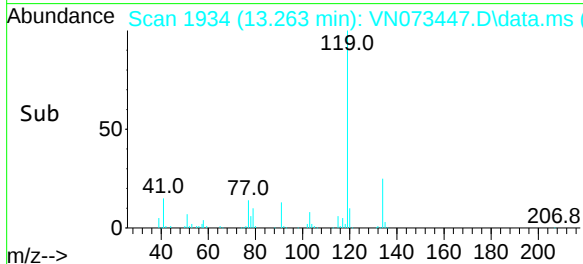
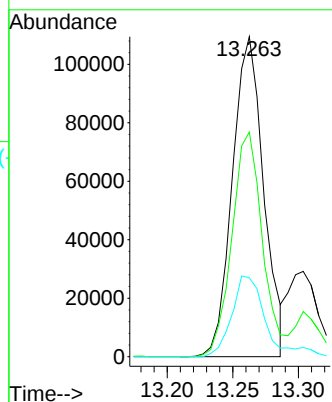
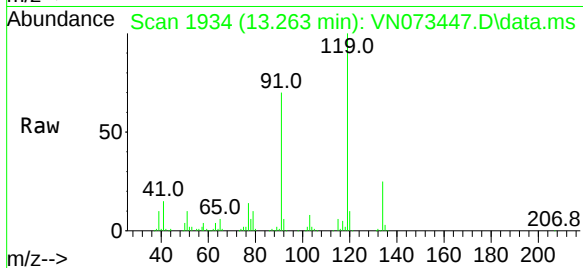
Tgt Ion:119 Resp: 181545

Ion Ratio Lower Upper

119 100

91 69.1 31.6 94.8

134 27.4 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 19.970 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073447.D

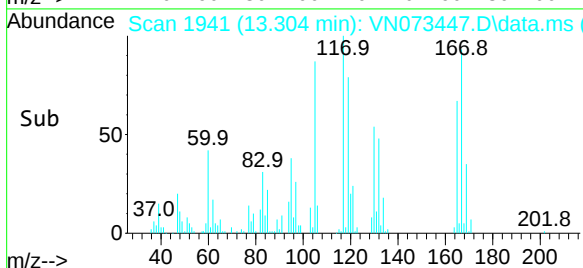
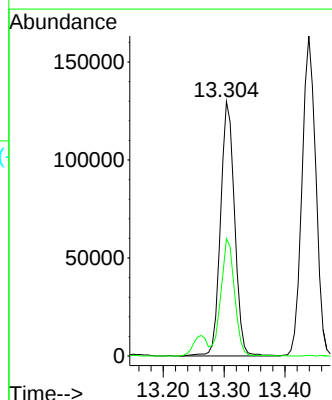
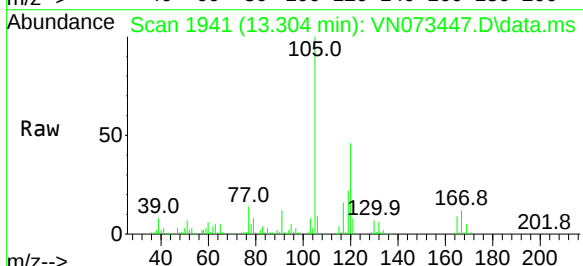
Acq: 13 Jul 2022 14:11

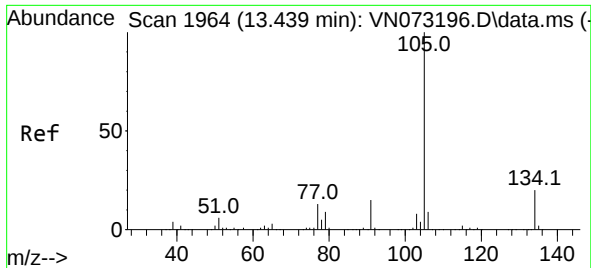
Tgt Ion:105 Resp: 208085

Ion Ratio Lower Upper

105 100

120 45.1 23.3 69.8

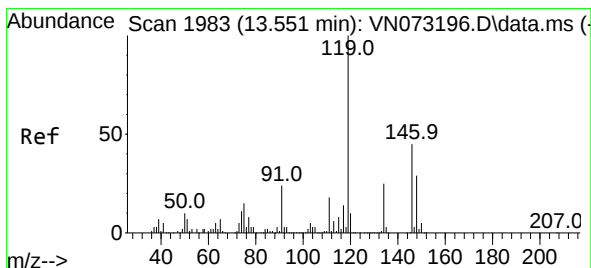
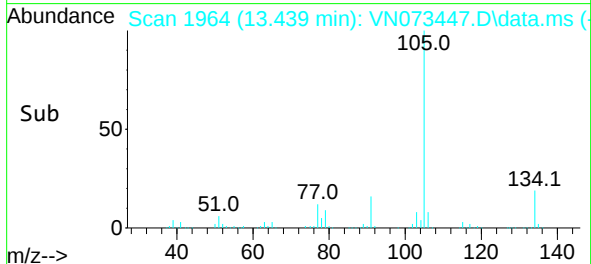
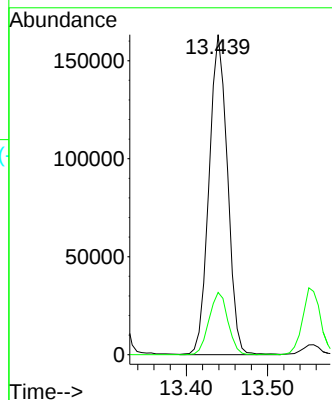
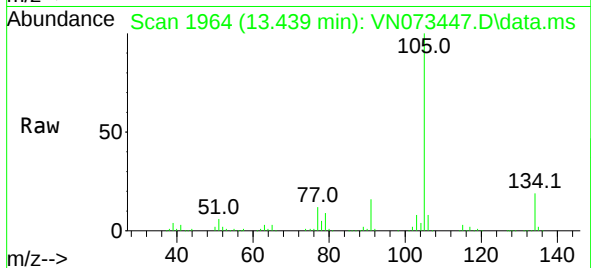




#85
 sec-Butylbenzene
 Concen: 20.488 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073447.D
 Acq: 13 Jul 2022 14:11

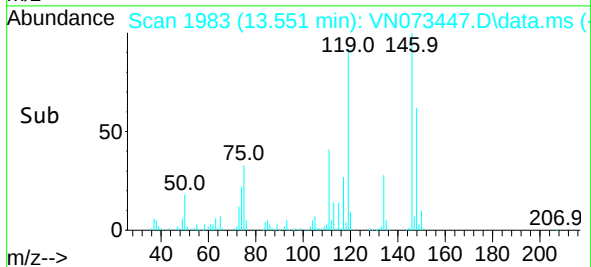
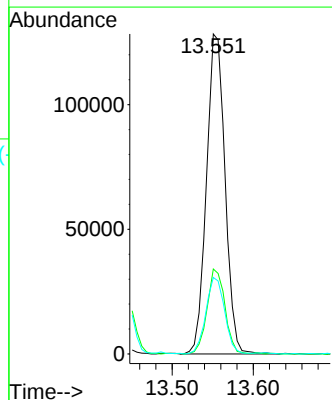
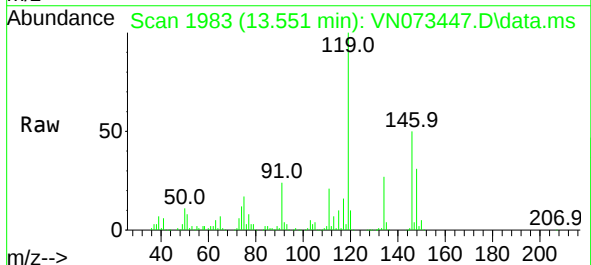
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713MBSD01

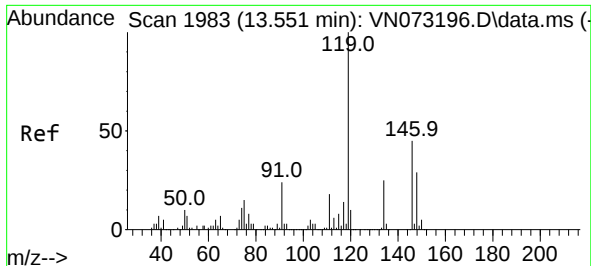
Tgt Ion:105 Resp: 257408
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.073 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073447.D
 Acq: 13 Jul 2022 14:11

Tgt Ion:119 Resp: 203728
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.3 39.8
 91 24.2 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 19.909 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN073447.D

Acq: 13 Jul 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBS01

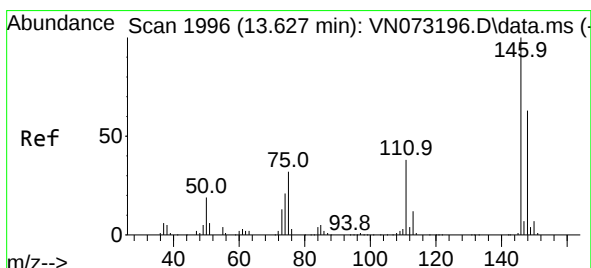
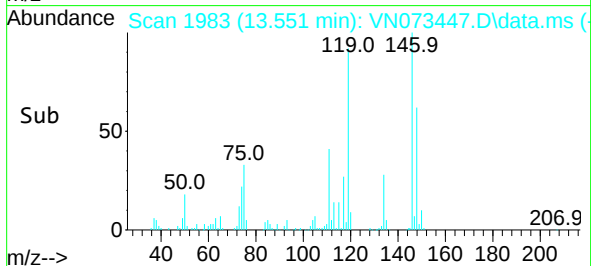
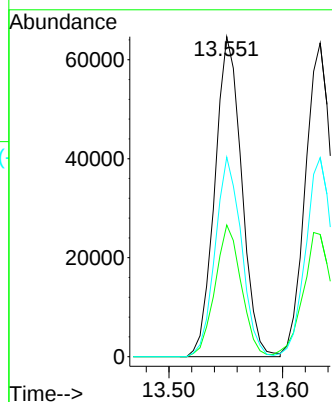
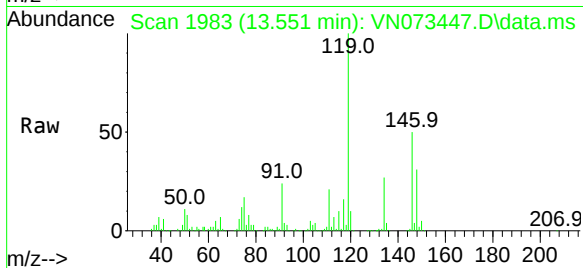
Tgt Ion:146 Resp: 106331

Ion Ratio Lower Upper

146 100

111 40.2 20.0 60.0

148 61.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 19.672 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. 0.006 min

Lab File: VN073447.D

Acq: 13 Jul 2022 14:11

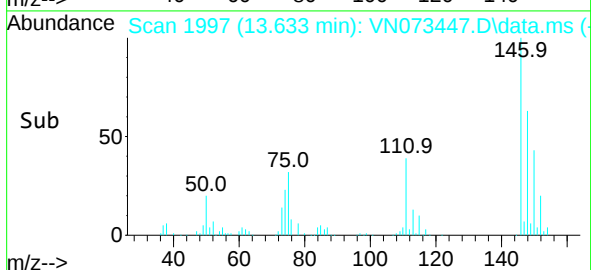
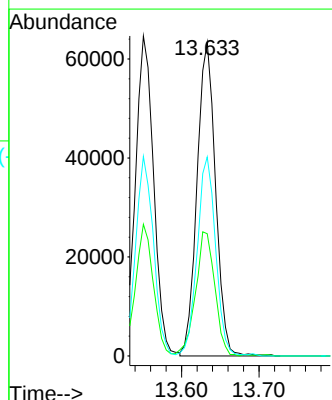
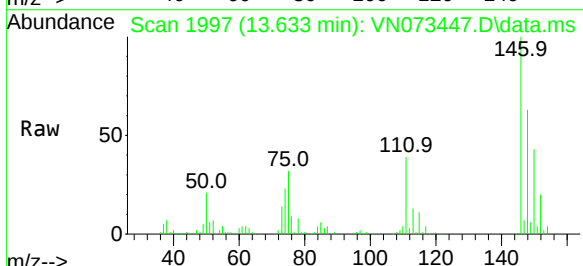
Tgt Ion:146 Resp: 105268

Ion Ratio Lower Upper

146 100

111 41.1 19.1 57.1

148 62.0 31.4 94.3

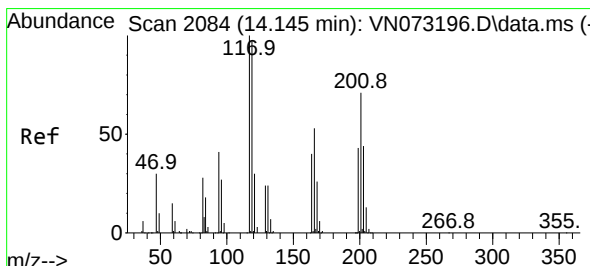
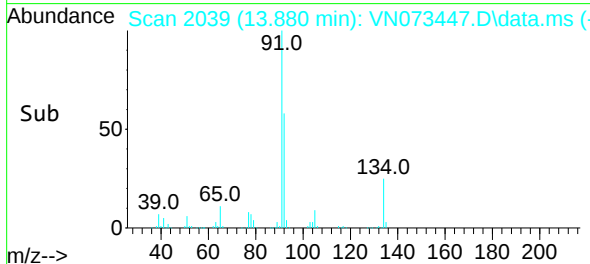
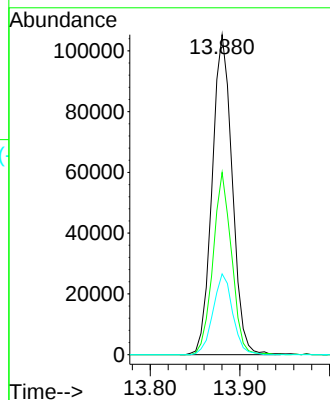
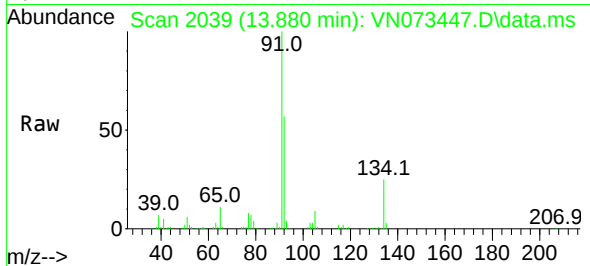




#89
n-Butylbenzene
Concen: 19.350 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

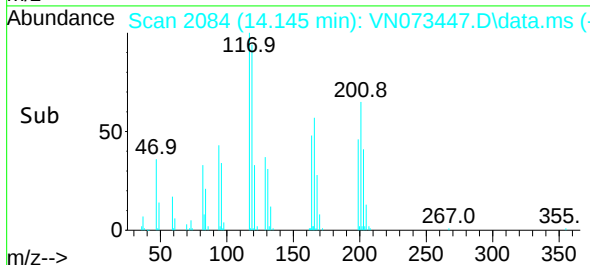
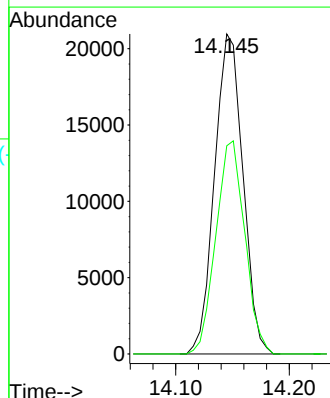
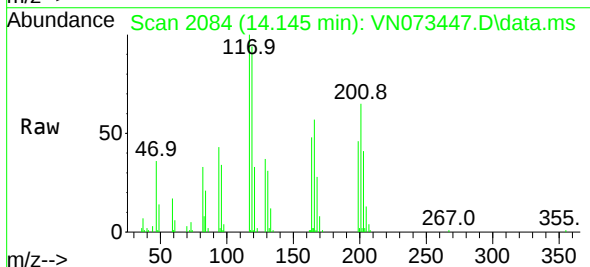
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

Tgt Ion: 91 Resp: 163651
Ion Ratio Lower Upper
91 100
92 52.8 26.9 80.7
134 24.6 13.6 40.8



#90
Hexachloroethane
Concen: 19.223 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. -0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 117 Resp: 36359
Ion Ratio Lower Upper
117 100
201 68.0 40.6 122.0

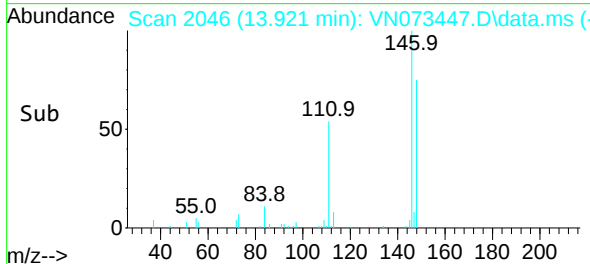
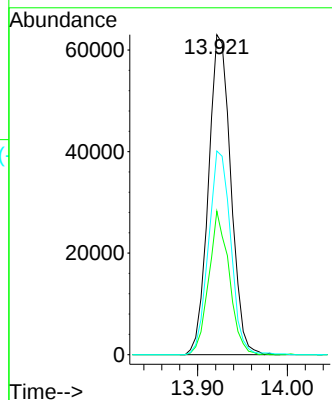
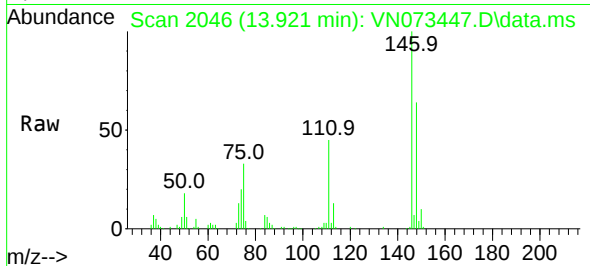




#91
1,2-Dichlorobenzene
Concen: 20.044 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

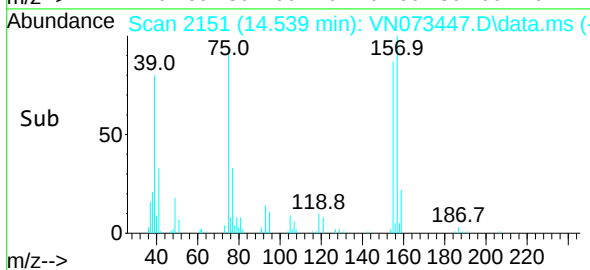
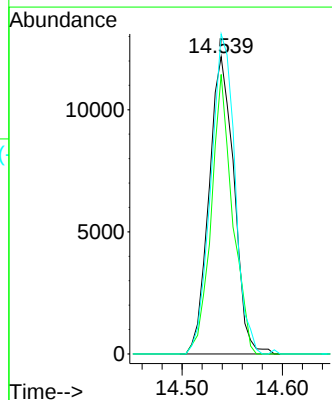
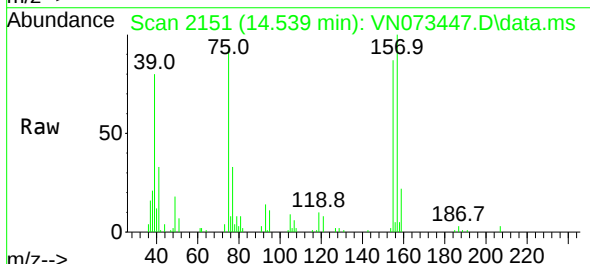
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBSD01

Tgt Ion:146 Resp: 109049
Ion Ratio Lower Upper
146 100
111 41.0 20.9 62.8
148 63.4 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.468 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VN073447.D
Acq: 13 Jul 2022 14:11

Tgt Ion: 75 Resp: 21138
Ion Ratio Lower Upper
75 100
155 79.9 44.9 134.5
157 103.4 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 18.954 ug/l

RT: 15.192 min Scan# 2262

Delta R.T. -0.000 min

Lab File: VN073447.D

Acq: 13 Jul 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBSD01

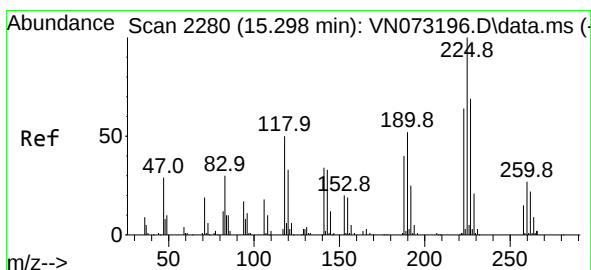
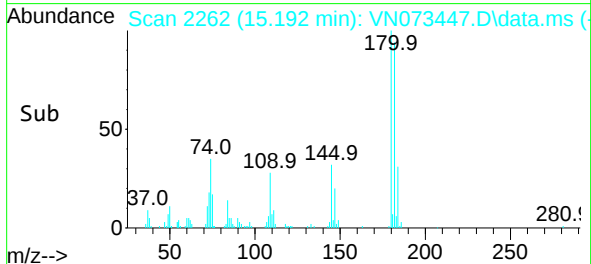
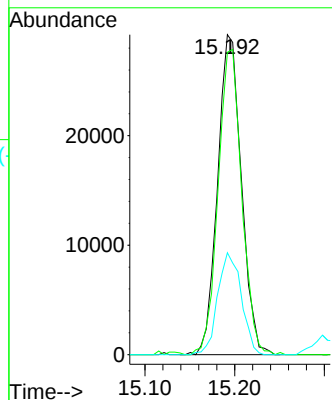
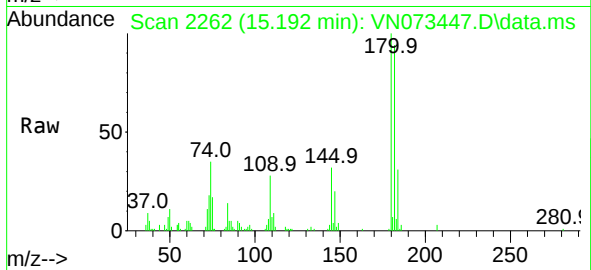
Tgt Ion:180 Resp: 53693

Ion Ratio Lower Upper

180 100

182 94.9 47.5 142.5

145 31.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.873 ug/l

RT: 15.304 min Scan# 2281

Delta R.T. 0.006 min

Lab File: VN073447.D

Acq: 13 Jul 2022 14:11

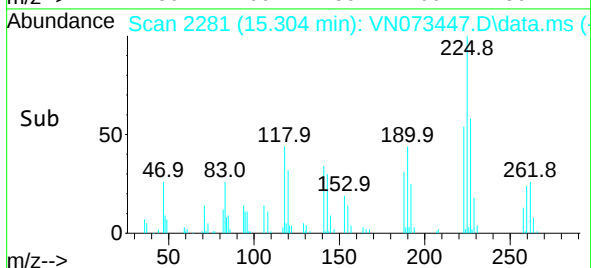
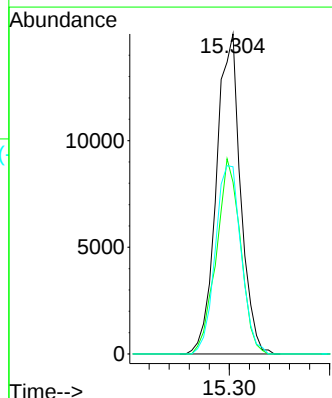
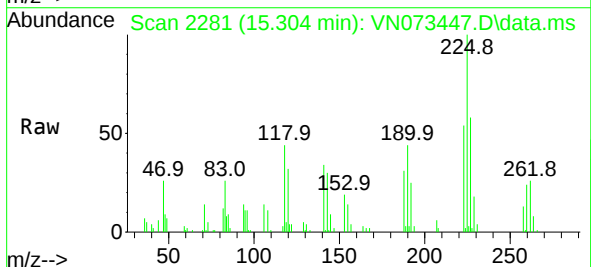
Tgt Ion:225 Resp: 25026

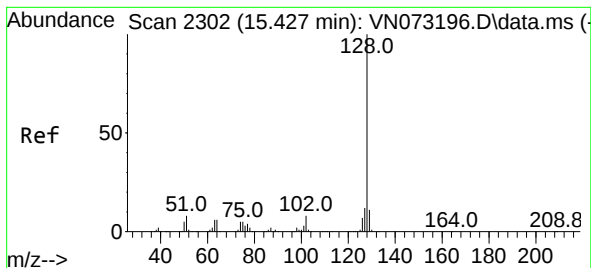
Ion Ratio Lower Upper

225 100

223 61.0 32.4 97.2

227 63.1 31.8 95.4





#95

Naphthalene

Concen: 18.193 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073447.D

Acq: 13 Jul 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBSD01

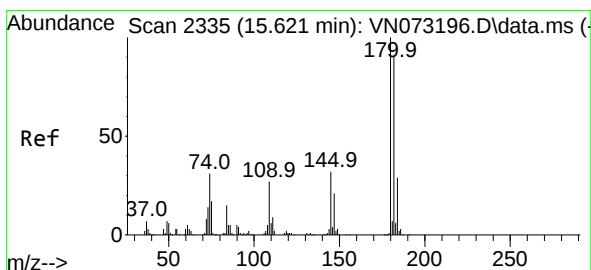
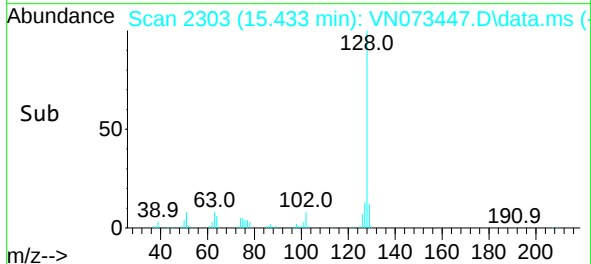
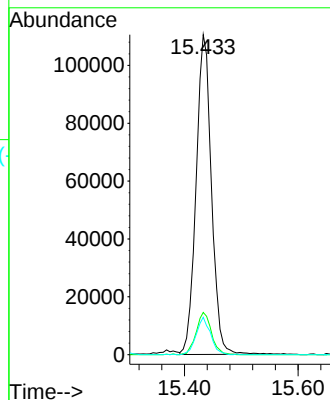
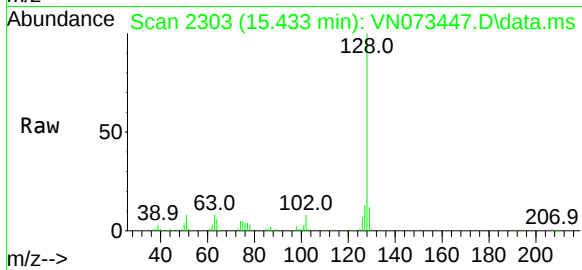
Tgt Ion:128 Resp: 207910

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.558 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.006 min

Lab File: VN073447.D

Acq: 13 Jul 2022 14:11

Tgt Ion:180 Resp: 57152

Ion Ratio Lower Upper

180 100

182 94.9 47.8 143.3

145 34.4 15.5 46.5

