

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073237.D
 Acq On : 29 Jun 2022 12:52
 Operator : JC\MD
 Sample : N3504-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1613

Quant Time: Jun 29 15:41:30 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	8.004	168	375755	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	622784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	553824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	279437	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	222600	41.037	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.080%
35) Dibromofluoromethane	7.951	113	162650	39.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	78.500%
50) Toluene-d8	10.374	98	650271	44.187	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.380%
62) 4-Bromofluorobenzene	12.668	95	279168	49.363	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.720%

Target Compounds			Qvalue			
10) Methyl Iodide	4.293	142	92	3.750	ug/l #	44
11) Tert butyl alcohol	5.451	59	12282341	9346.989	ug/l	100
13) Acrolein	3.957	56	1622	1.953	ug/l	95
14) Allyl chloride	4.740	41	408027	43.787	ug/l #	66
15) Acrylonitrile	5.457	53	109984	32.514	ug/l #	20
16) Acetone	4.269	43	11225734	3686.820	ug/l	95
17) Carbon Disulfide	4.369	76	141486	12.336	ug/l	97
18) Methyl Acetate	4.740	43	1122733	131.579	ug/l #	48
20) Methylene Chloride	4.987	84	18434	3.445	ug/l #	87
22) Diisopropyl ether	6.610	45	158475	9.114	ug/l #	1
23) Vinyl Acetate	6.604	43	180369	11.586	ug/l #	68
24) 1,1-Dichloroethane	6.292	63	6049	0.672	ug/l #	82
25) 2-Butanone	7.345	43	20086732	4143.564	ug/l #	45
29) Tetrahydrofuran	7.351	42	1360913	409.997	ug/l #	34
30) Chloroform	7.739	83	3453	0.381	ug/l	90
31) Cyclohexane	8.010	56	16885	1.901	ug/l #	42
32) 1,1,1-Trichloroethane	7.922	97	2704	0.335	ug/l #	39
36) 1,1-Dichloropropene	8.186	75	19556	3.067	ug/l #	41
37) Ethyl Acetate	7.345	43	20098780	2086.379	ug/l	97
38) Carbon Tetrachloride	8.010	117	38019	5.766	ug/l #	16
39) Methylcyclohexane	9.380	83	13206	1.664	ug/l	93
40) Benzene	8.380	78	543619	27.629	ug/l	99
41) Methacrylonitrile	7.639	41	5648	1.209	ug/l #	24
42) 1,2-Dichloroethane	8.463	62	3441	0.482	ug/l	89
43) Isopropyl Acetate	8.404	43	75582	5.459	ug/l #	53
48) Methyl methacrylate	9.469	41	213335	33.280	ug/l #	35
49) 1,4-Dioxane	9.522	88	283	2.326	ug/l #	25
51) 4-Methyl-2-Pentanone	10.357	43	21199	2.415	ug/l	95
52) Toluene	10.439	92	740981	60.937	ug/l	98
53) t-1,3-Dichloropropene	10.433	75	9938	1.369	ug/l #	1
55) 1,1,2-Trichloroethane	10.810	97	3994	0.798	ug/l #	24
56) Ethyl methacrylate	10.645	69	5879	0.727	ug/l #	28
59) 2-Hexanone	11.127	43	467900	69.914	ug/l #	38
67) Ethyl Benzene	11.780	91	347781	15.294	ug/l	98
68) m/p-Xylenes	11.886	106	453714	52.869	ug/l	96
69) o-Xylene	12.216	106	266378	30.405	ug/l	96

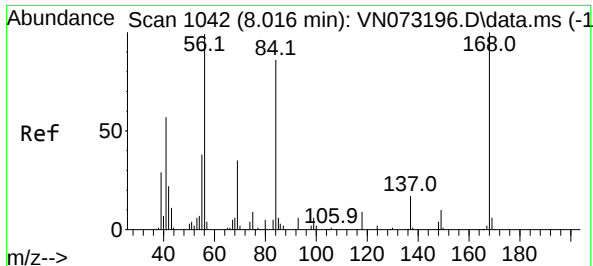
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
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Quant Time: Jun 29 15:41:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
70) Styrene	12.216	104	15110	1.117	ug/l	#	1
71) Bromoform	12.668	173	1941	0.576	ug/l	#	1
73) Isopropylbenzene	12.516	105	35454	1.469	ug/l		99
74) N-amyl acetate	12.292	43	73484	6.082	ug/l	#	39
75) 1,1,2,2-Tetrachloroethane	12.768	83	2090	0.261	ug/l	#	1
76) 1,2,3-Trichloropropane	12.668	75	142633	19.521	ug/l	#	1
78) n-propylbenzene	12.857	91	87993	3.282	ug/l		99
79) 2-Chlorotoluene	12.921	91	49211	2.901	ug/l	#	42
80) 1,3,5-Trimethylbenzene	12.998	105	119269	6.064	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.668	75	142633	53.535	ug/l	#	10
82) 4-Chlorotoluene	12.998	91	15593	0.949	ug/l	#	42
83) tert-Butylbenzene	13.304	119	60753	3.445	ug/l	#	61
84) 1,2,4-Trimethylbenzene	13.304	105	775475	39.491	ug/l		73
85) sec-Butylbenzene	13.304	105	775475	32.752	ug/l	#	56
86) p-Isopropyltoluene	13.551	119	22075	1.154	ug/l		98
89) n-Butylbenzene	13.880	91	19060	1.196	ug/l	#	80
90) Hexachloroethane	14.151	117	7283	2.043	ug/l	#	9
92) 1,2-Dibromo-3-Chloropr...	14.533	75	7313	3.758	ug/l	#	1
95) Naphthalene	15.427	128	294866	13.691	ug/l		99
96) 1,2,3-Trichlorobenzene	15.609	180	1718	0.312	ug/l	#	1

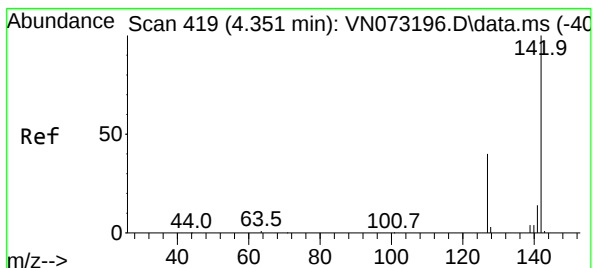
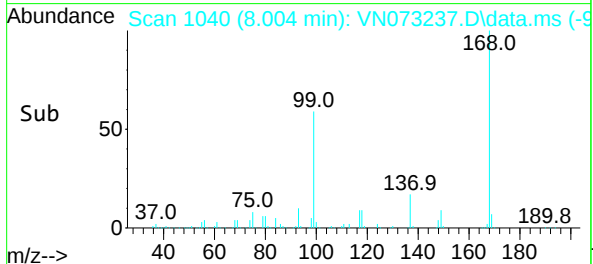
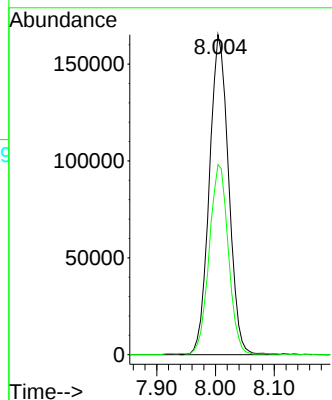
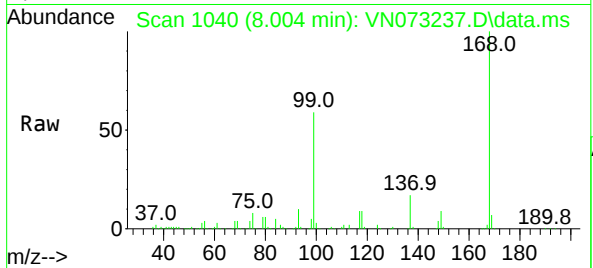
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

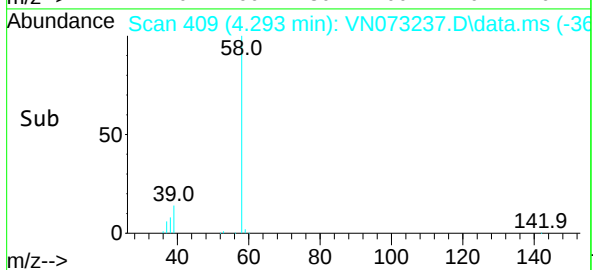
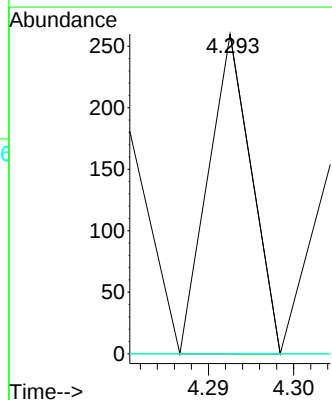
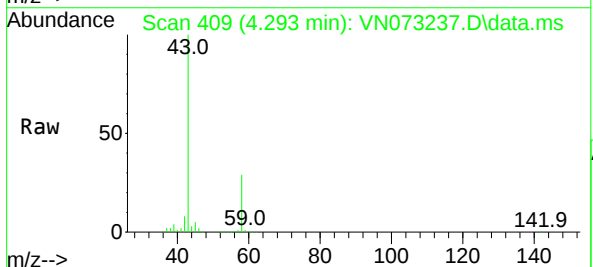
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

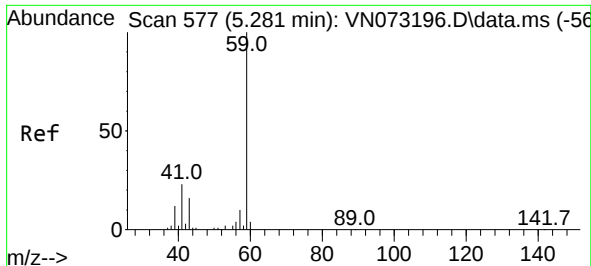
Tgt Ion:168 Resp: 375755
Ion Ratio Lower Upper
168 100
99 59.3 42.3 63.5



#10
Methyl Iodide
Concen: 3.750 ug/l
RT: 4.293 min Scan# 409
Delta R.T. -0.058 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion:142 Resp: 92
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#

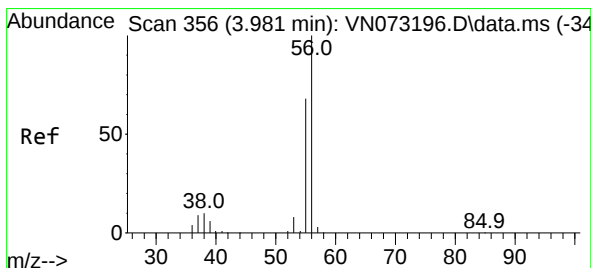
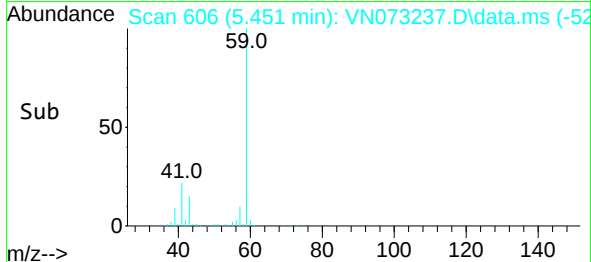
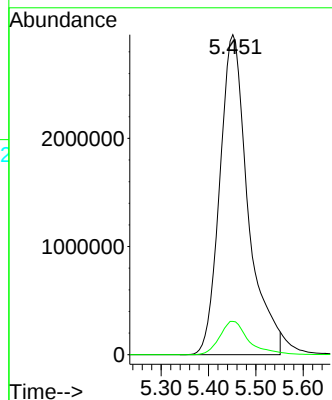
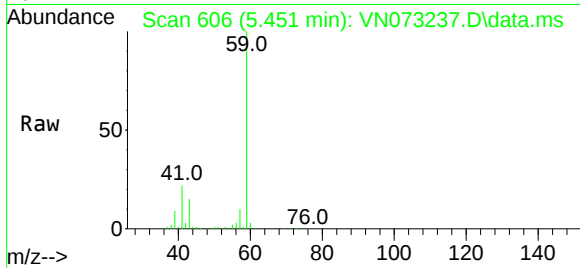




#11
Tert butyl alcohol
Concen: 9346.989 ug/l
RT: 5.451 min Scan# 60
Delta R.T. 0.170 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

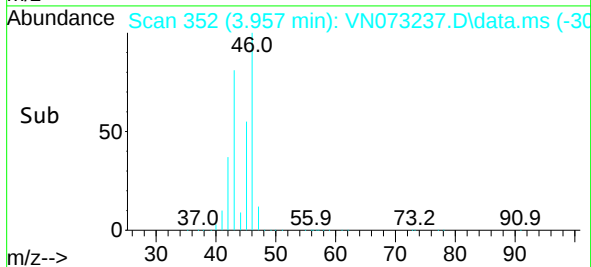
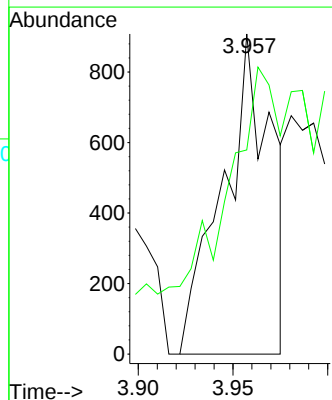
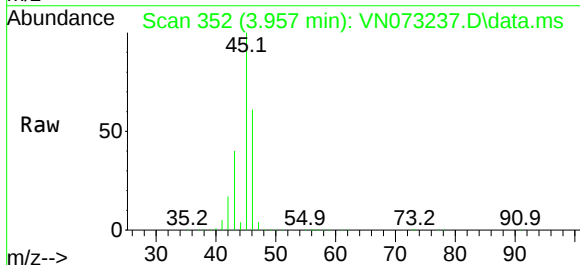
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

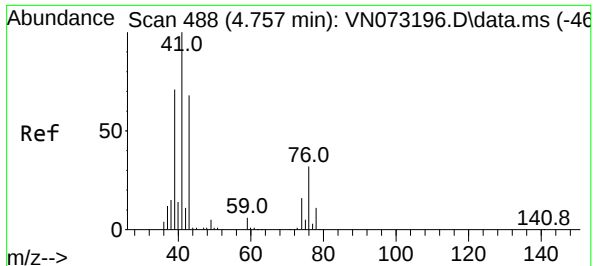
Tgt Ion: 59 Resp:12282341
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#13
Acrolein
Concen: 1.953 ug/l
RT: 3.957 min Scan# 352
Delta R.T. -0.024 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion: 56 Resp: 1622
Ion Ratio Lower Upper
56 100
55 64.4 54.8 82.2

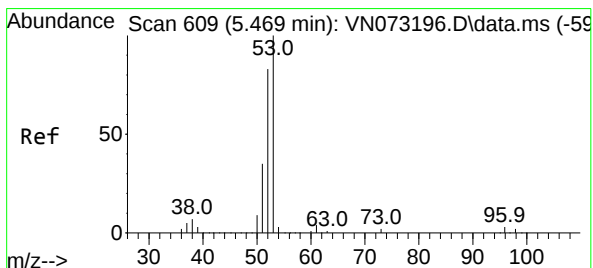
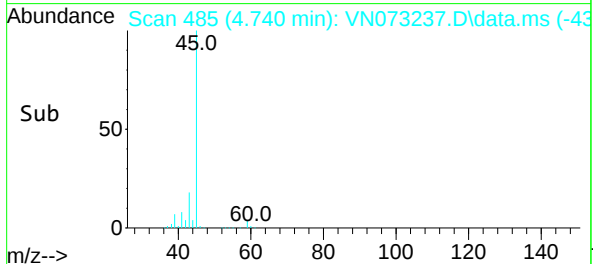
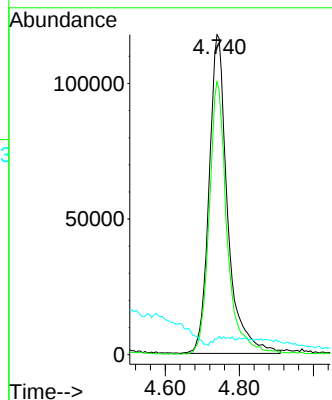
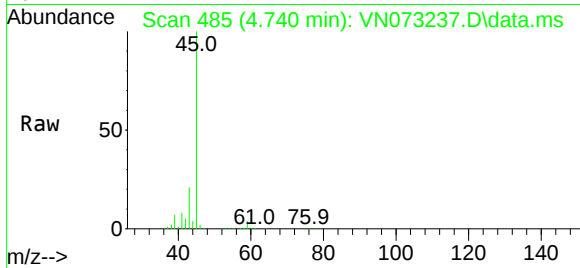




#14
 Allyl chloride
 Concen: 43.787 ug/l
 RT: 4.740 min Scan# 41
 Delta R.T. -0.017 min
 Lab File: VN073237.D
 Acq: 29 Jun 2022 12:52

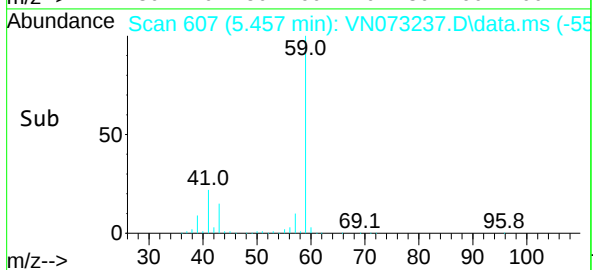
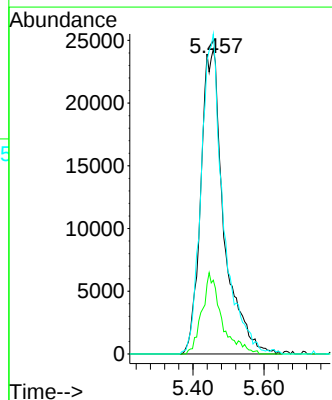
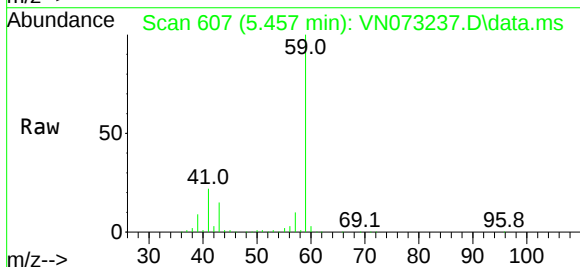
Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1613

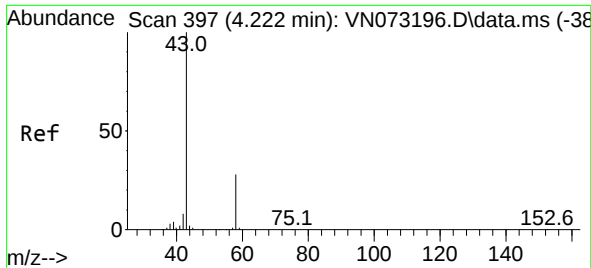
Tgt Ion: 41 Resp: 408027
 Ion Ratio Lower Upper
 41 100
 39 81.8 53.2 79.8#
 76 1.1 29.9 44.9#



#15
 Acrylonitrile
 Concen: 32.514 ug/l
 RT: 5.457 min Scan# 607
 Delta R.T. -0.012 min
 Lab File: VN073237.D
 Acq: 29 Jun 2022 12:52

Tgt Ion: 53 Resp: 109984
 Ion Ratio Lower Upper
 53 100
 52 22.7 66.4 99.6#
 51 100.2 28.5 42.7#





#16

Acetone

Concen: 3686.820 ug/l

RT: 4.269 min Scan# 405

Delta R.T. 0.047 min

Lab File: VN073237.D

Acq: 29 Jun 2022 12:52

Instrument :

MSVOA_N

ClientSampleId :

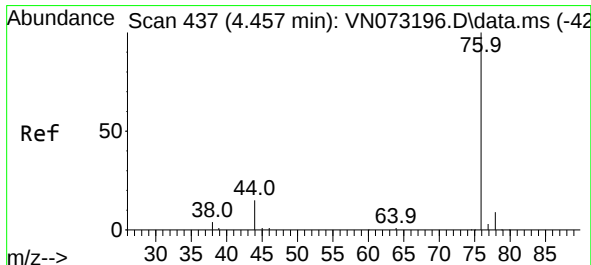
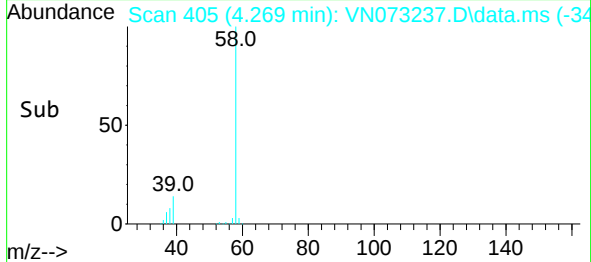
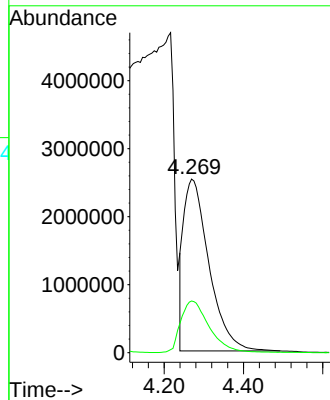
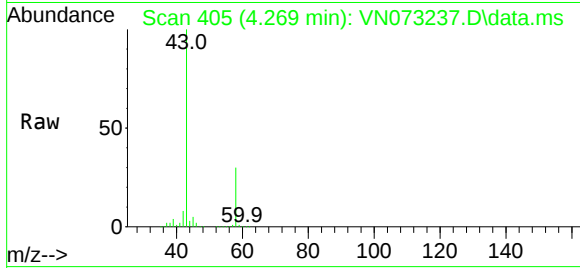
TRE-1613

Tgt Ion: 43 Resp:11225734

Ion Ratio Lower Upper

43 100

58 29.9 26.0 39.0



#17

Carbon Disulfide

Concen: 12.336 ug/l

RT: 4.369 min Scan# 422

Delta R.T. -0.088 min

Lab File: VN073237.D

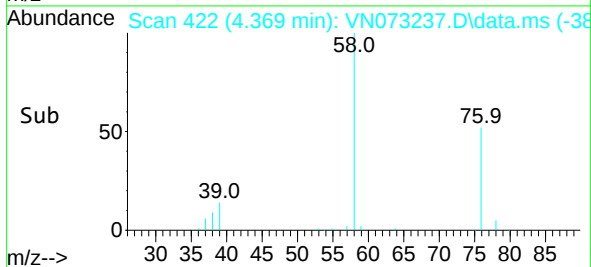
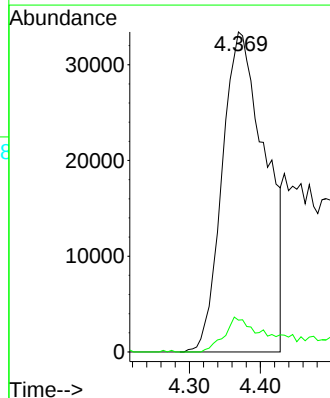
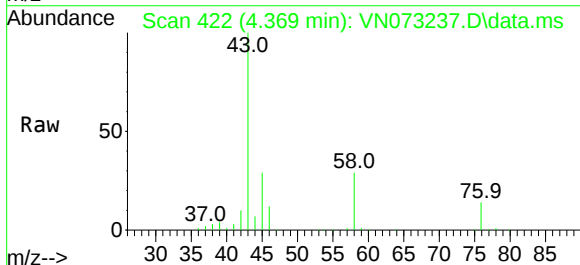
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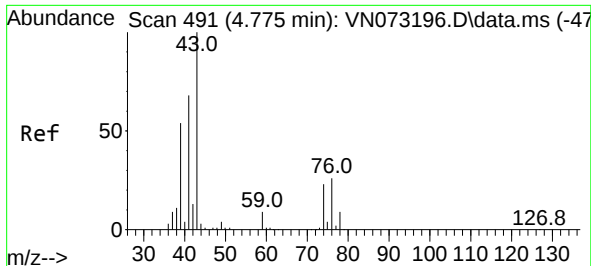
Tgt Ion: 76 Resp: 141486

Ion Ratio Lower Upper

76 100

78 9.9 7.2 10.8

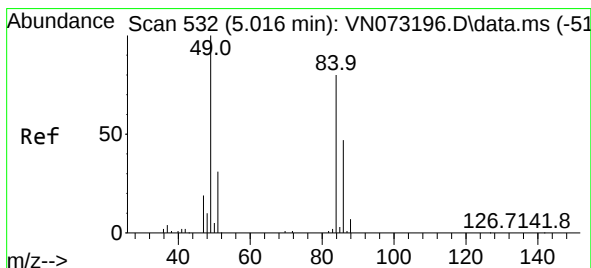
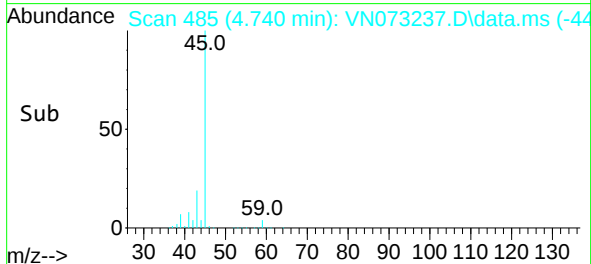
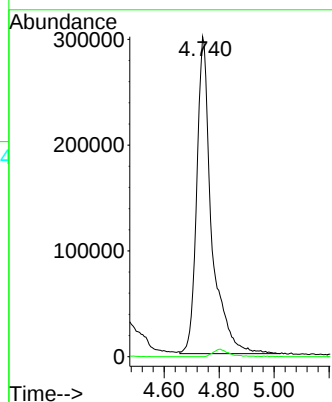
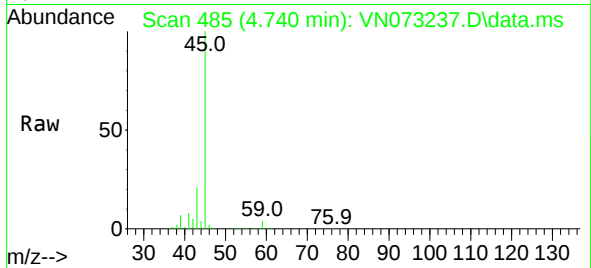




#18
Methyl Acetate
Concen: 131.579 ug/l
RT: 4.740 min Scan# 41
Delta R.T. -0.035 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

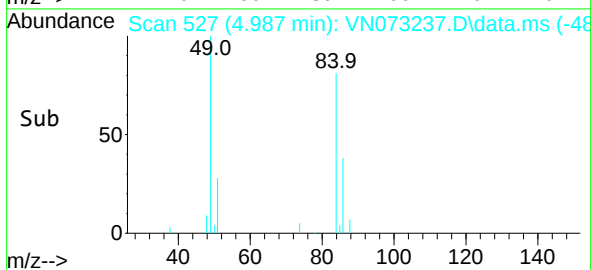
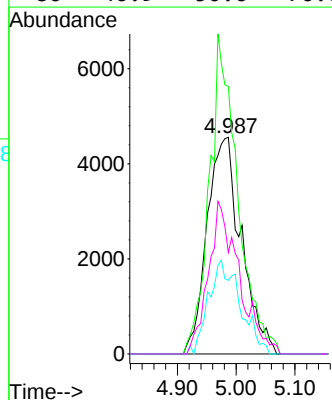
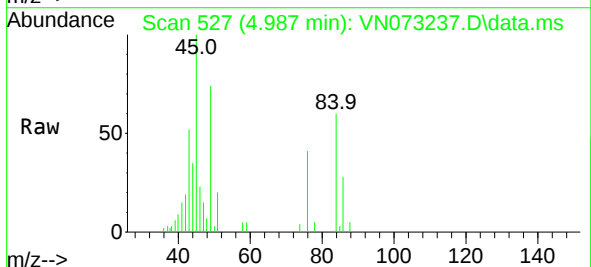
Instrument :
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ClientSampleId :
TRE-1613

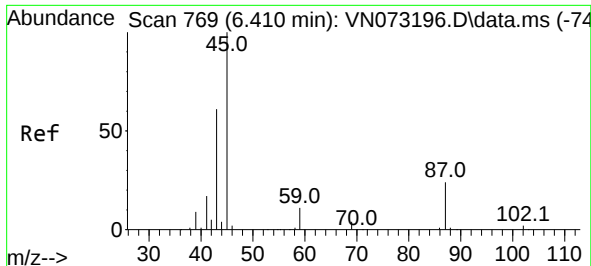
Tgt Ion: 43 Resp: 1122733
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: 3.445 ug/l
RT: 4.987 min Scan# 527
Delta R.T. -0.029 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion: 84 Resp: 18434
Ion Ratio Lower Upper
84 100
49 123.5 88.3 132.5
51 34.0 28.2 42.2
86 46.9 50.6 76.0#

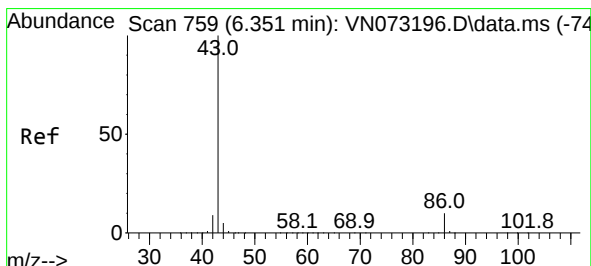
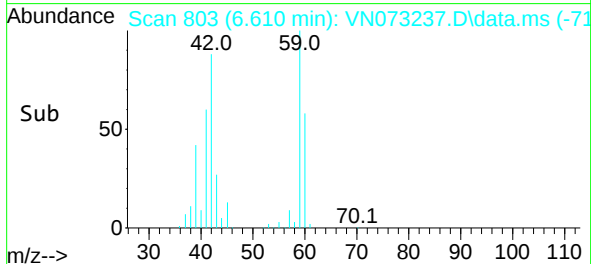
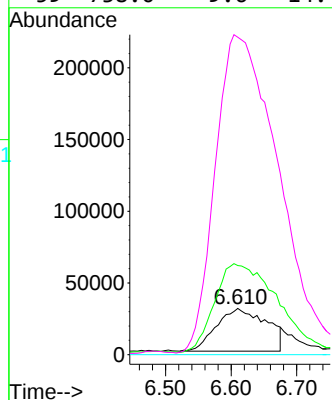
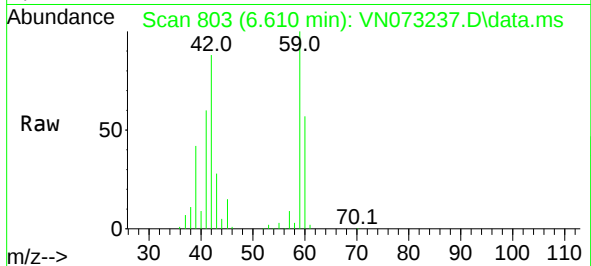




#22
Diisopropyl ether
Concen: 9.114 ug/l
RT: 6.610 min Scan# 803
Delta R.T. 0.200 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

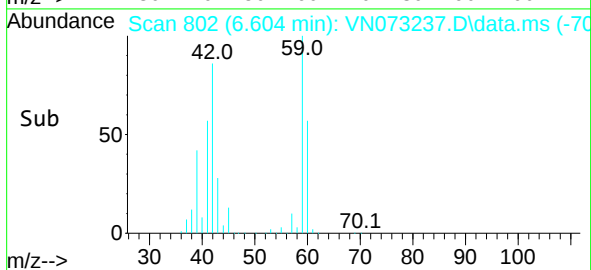
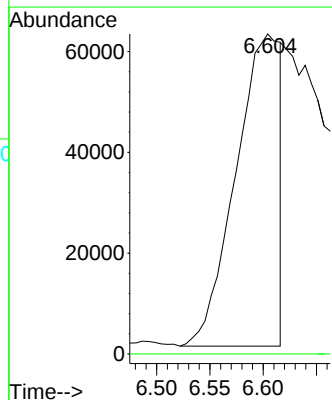
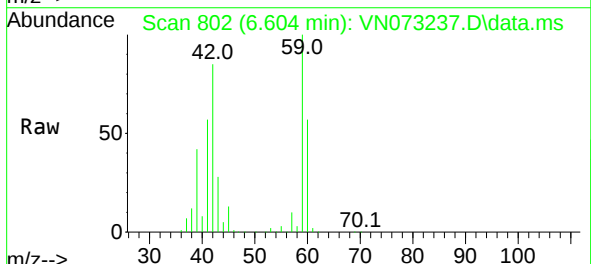
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ClientSampleId :
TRE-1613

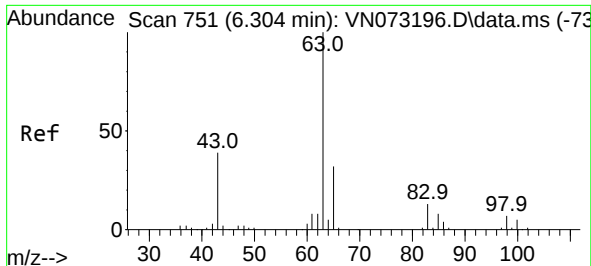
Tgt Ion: 45 Resp: 158475
Ion Ratio Lower Upper
45 100
43 203.4 46.6 70.0#
87 0.0 24.3 36.5#
59 738.0 9.6 14.4#



#23
Vinyl Acetate
Concen: 11.586 ug/l
RT: 6.604 min Scan# 802
Delta R.T. 0.253 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion: 43 Resp: 180369
Ion Ratio Lower Upper
43 100
86 0.0 10.0 15.0#

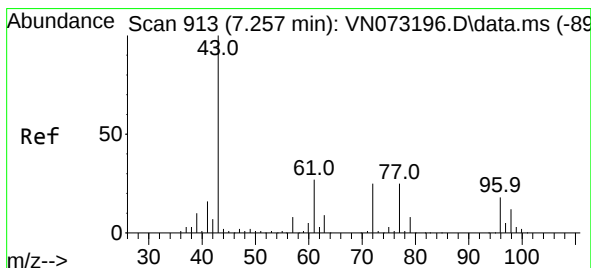
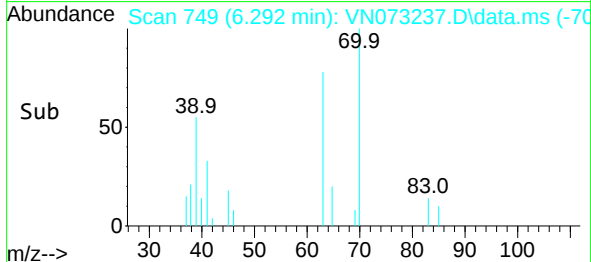
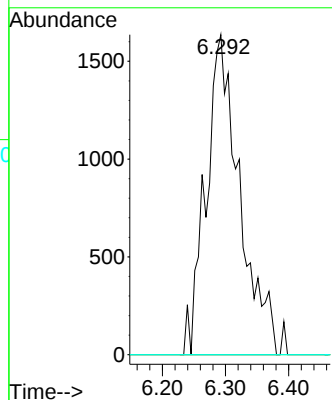
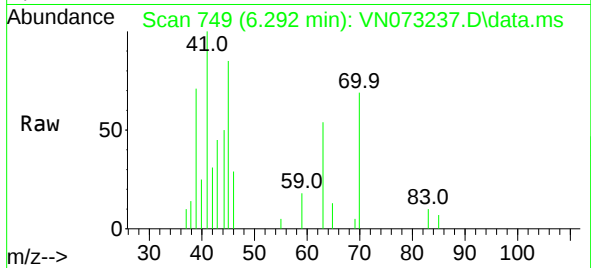




#24
 1,1-Dichloroethane
 Concen: 0.672 ug/l
 RT: 6.292 min Scan# 749
 Delta R.T. -0.012 min
 Lab File: VN073237.D
 Acq: 29 Jun 2022 12:52

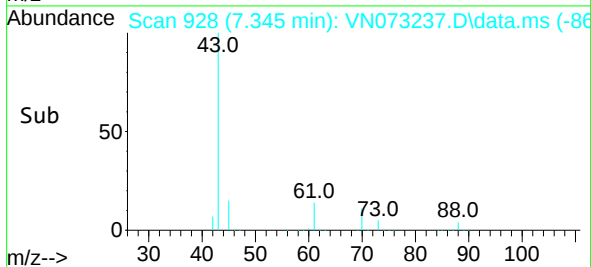
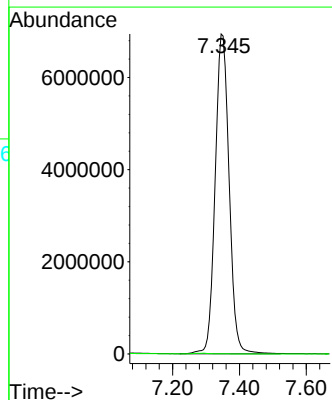
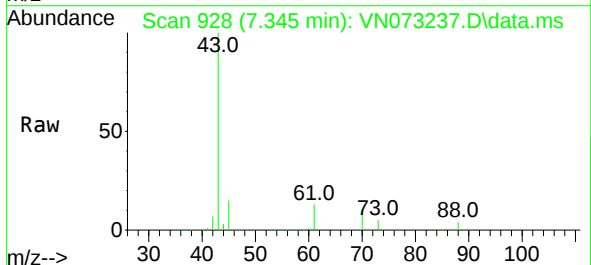
Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1613

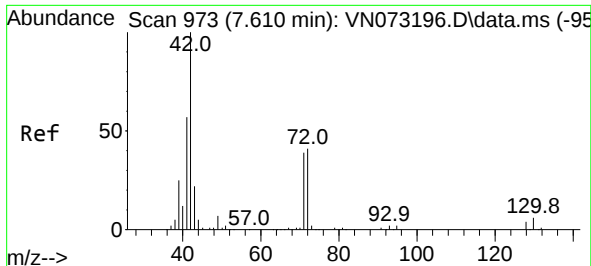
Tgt Ion: 63 Resp: 6049
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#



#25
 2-Butanone
 Concen: 4143.564 ug/l
 RT: 7.345 min Scan# 928
 Delta R.T. 0.088 min
 Lab File: VN073237.D
 Acq: 29 Jun 2022 12:52

Tgt Ion: 43 Resp: 20086732
 Ion Ratio Lower Upper
 43 100
 72 0.1 23.7 35.5#





#29

Tetrahydrofuran

Concen: 409.997 ug/l

RT: 7.351 min Scan# 91

Delta R.T. -0.259 min

Lab File: VN073237.D

Acq: 29 Jun 2022 12:52

Instrument :

MSVOA_N

ClientSampleId :

TRE-1613

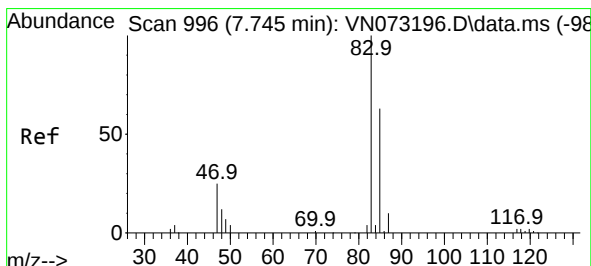
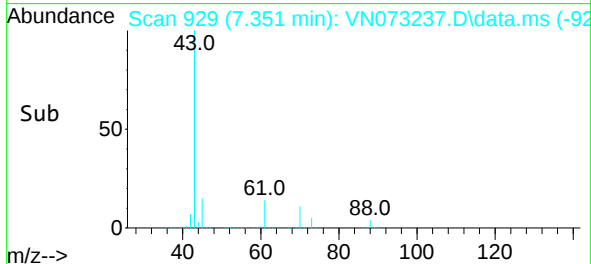
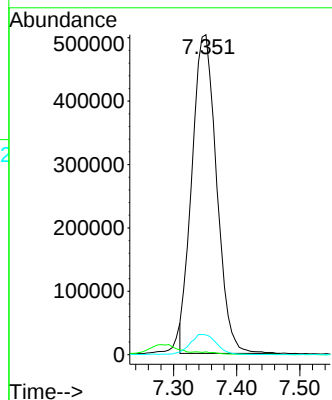
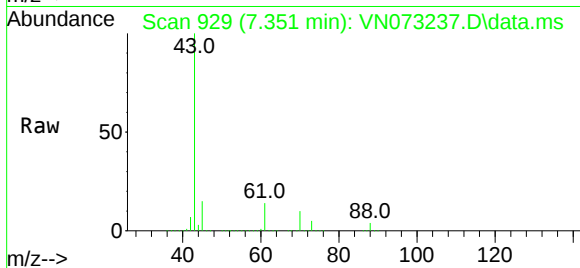
Tgt Ion: 42 Resp: 1360913

Ion Ratio Lower Upper

42 100

72 0.0 39.7 59.5#

71 6.6 36.6 55.0#



#30

Chloroform

Concen: 0.381 ug/l

RT: 7.739 min Scan# 995

Delta R.T. -0.006 min

Lab File: VN073237.D

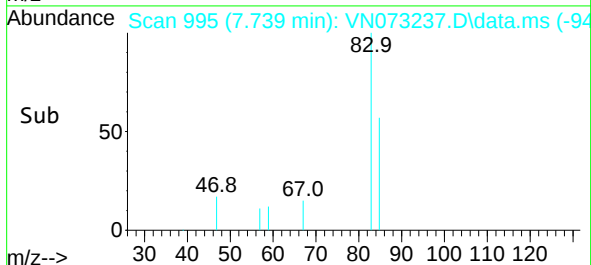
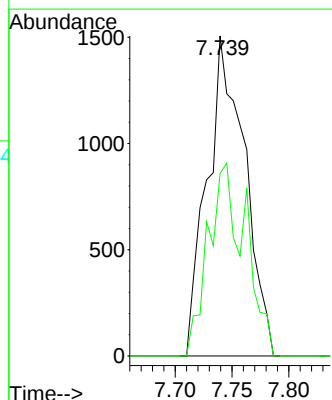
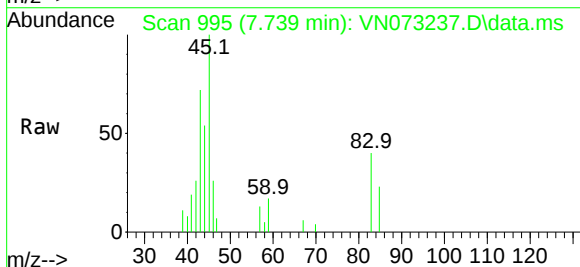
Acq: 29 Jun 2022 12:52

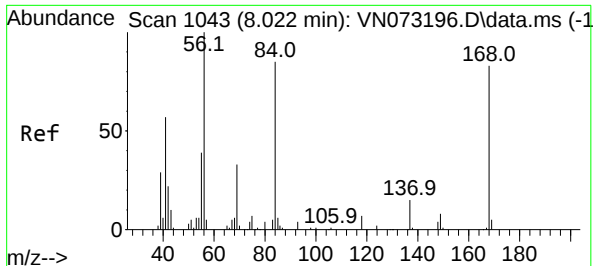
Tgt Ion: 83 Resp: 3453

Ion Ratio Lower Upper

83 100

85 57.0 51.8 77.8

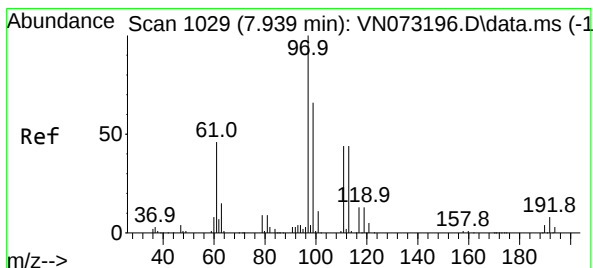
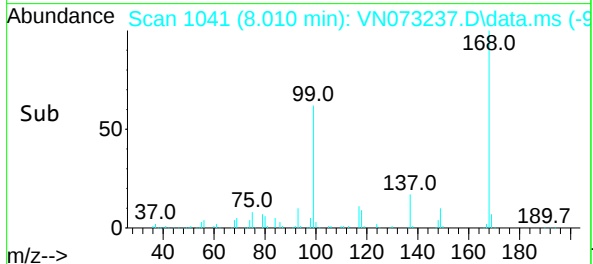
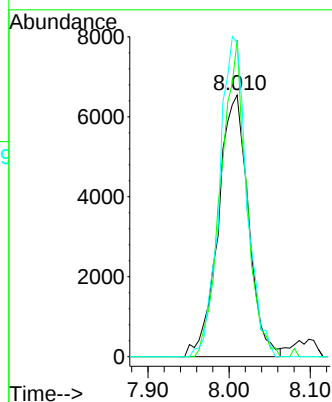
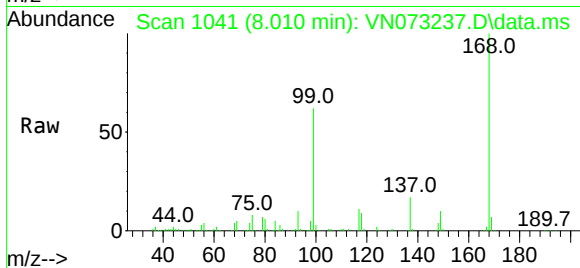




#31
Cyclohexane
Concen: 1.901 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

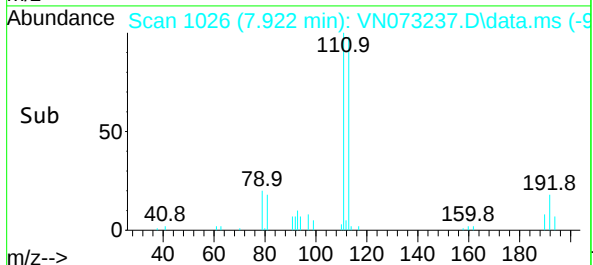
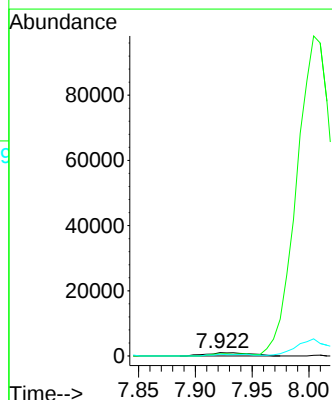
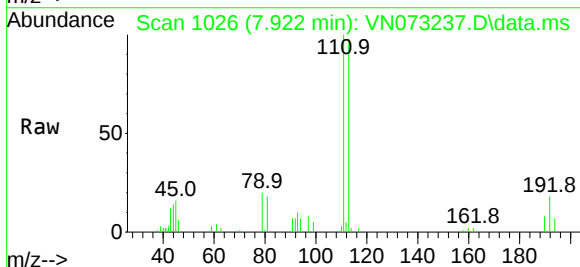
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

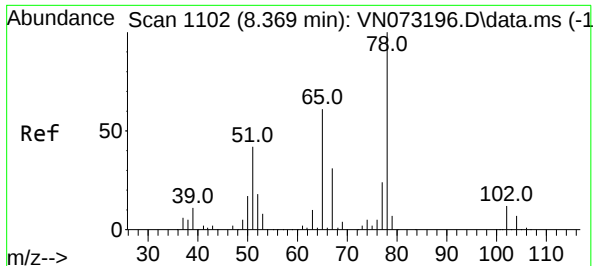
Tgt Ion: 56 Resp: 16885
Ion Ratio Lower Upper
56 100
69 121.0 27.8 41.8#
84 120.0 76.9 115.3#



#32
1,1,1-Trichloroethane
Concen: 0.335 ug/l
RT: 7.922 min Scan# 1026
Delta R.T. -0.017 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion: 97 Resp: 2704
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0#
61 24.1 36.0 54.0#

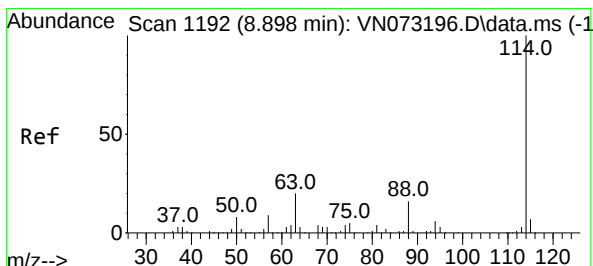
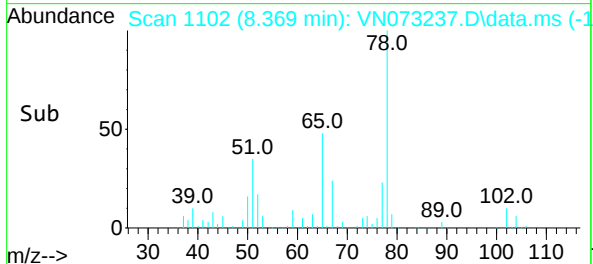
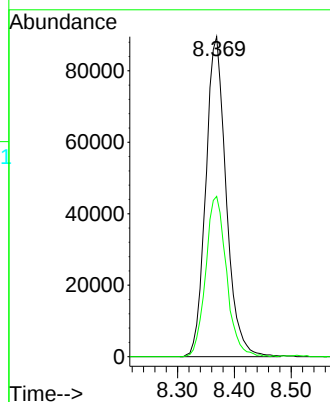
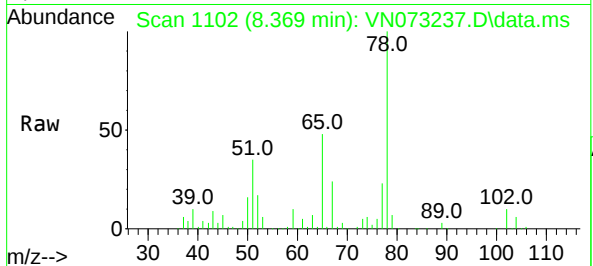




#33
1,2-Dichloroethane-d4
Concen: 41.037 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

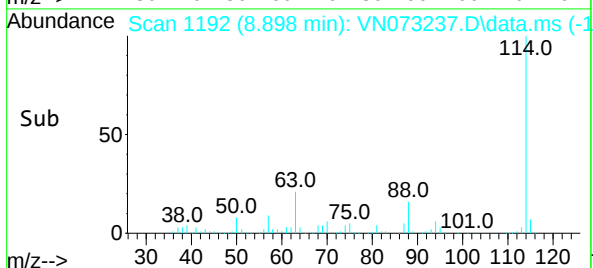
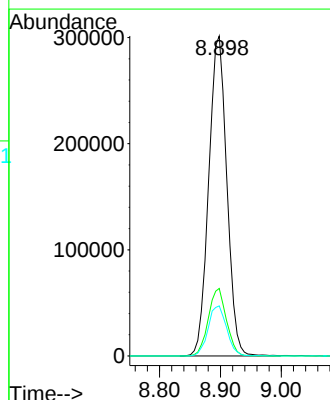
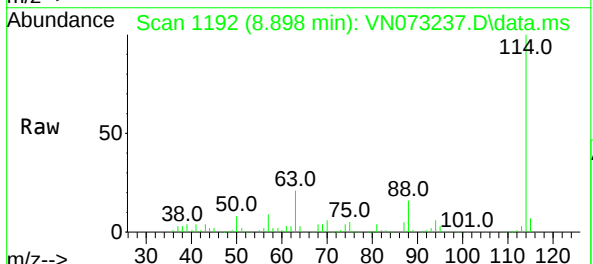
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

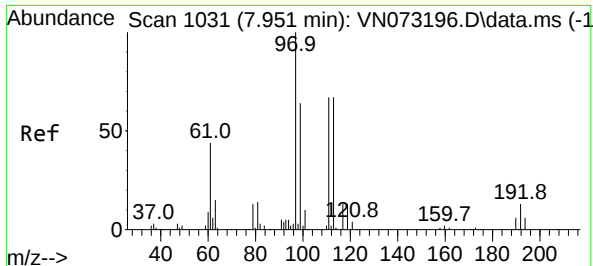
Tgt Ion: 65 Resp: 222600
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion: 114 Resp: 622784
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.0
88 15.6 0.0 32.6

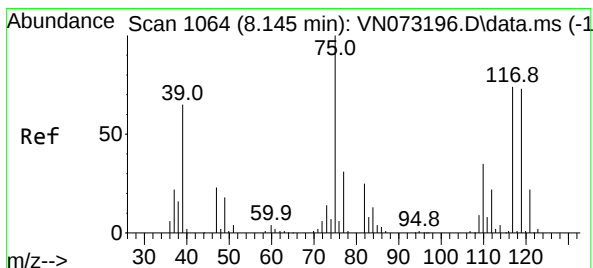
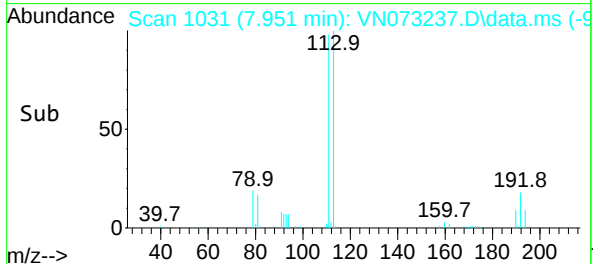
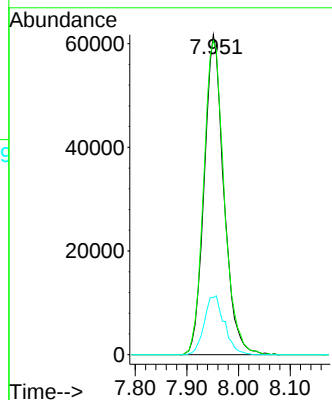
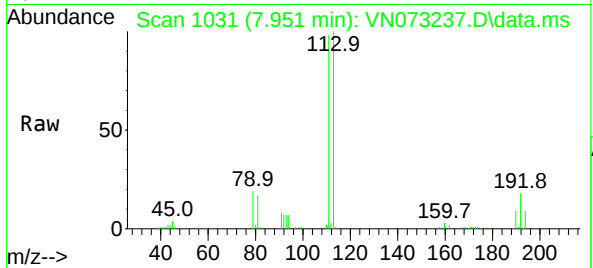




#35
Dibromofluoromethane
Concen: 39.255 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

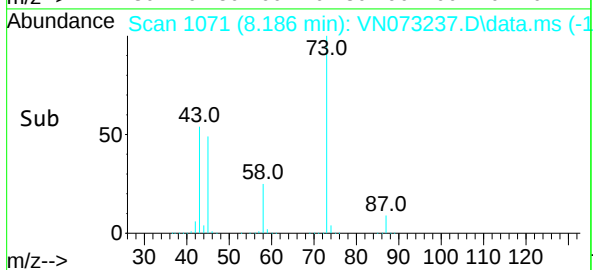
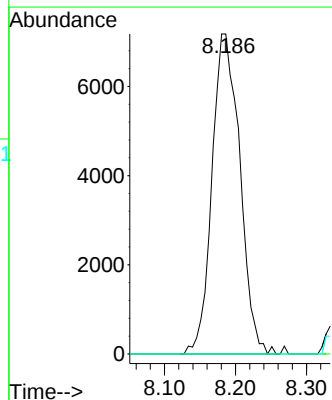
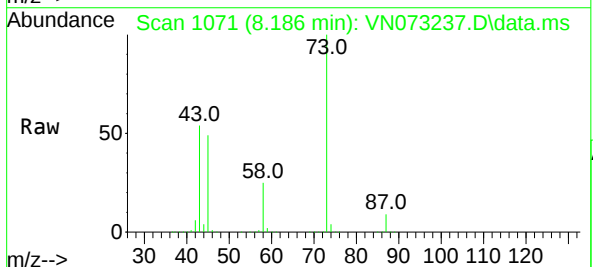
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

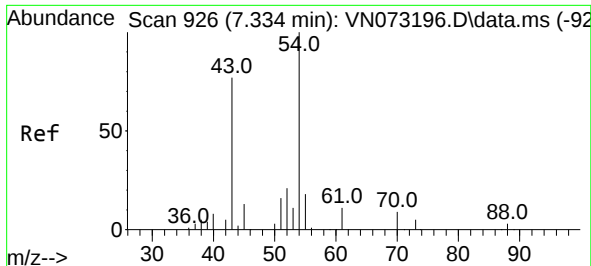
Tgt Ion:113 Resp: 162650
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 18.8 17.0 25.6



#36
1,1-Dichloropropene
Concen: 3.067 ug/l
RT: 8.186 min Scan# 1071
Delta R.T. 0.041 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion: 75 Resp: 19556
Ion Ratio Lower Upper
75 100
110 0.0 18.3 54.8#
77 0.0 25.1 37.7#

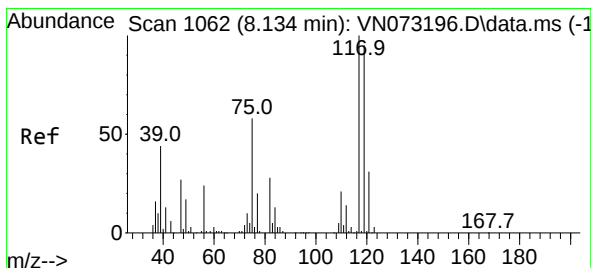
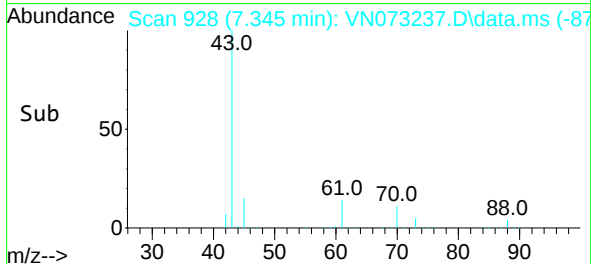
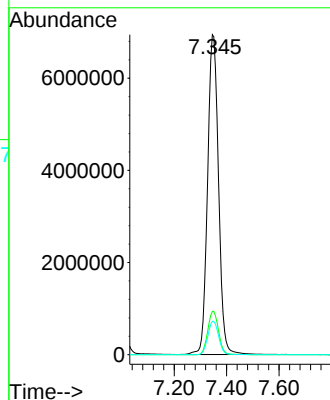
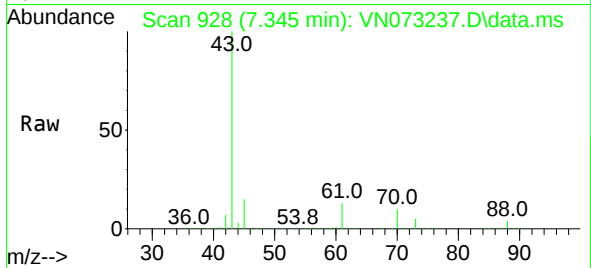




#37
Ethyl Acetate
Concen: 2086.379 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.011 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

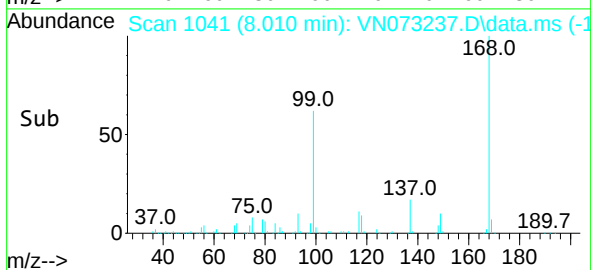
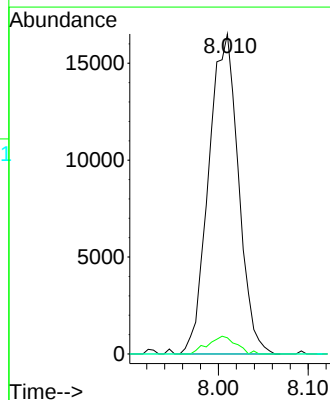
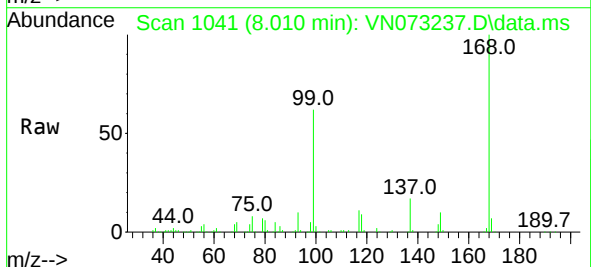
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

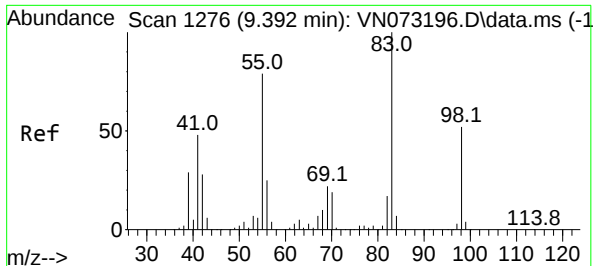
Tgt Ion: 43 Resp:20098780
Ion Ratio Lower Upper
43 100
61 13.4 11.8 17.6
70 10.4 9.3 13.9



#38
Carbon Tetrachloride
Concen: 5.766 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.124 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion:117 Resp: 38019
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 1.664 ug/l

RT: 9.380 min Scan# 1104

Delta R.T. -0.012 min

Lab File: VN073237.D

Acq: 29 Jun 2022 12:52

Instrument :

MSVOA_N

ClientSampleId :

TRE-1613

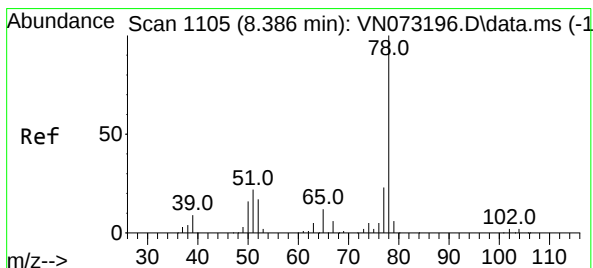
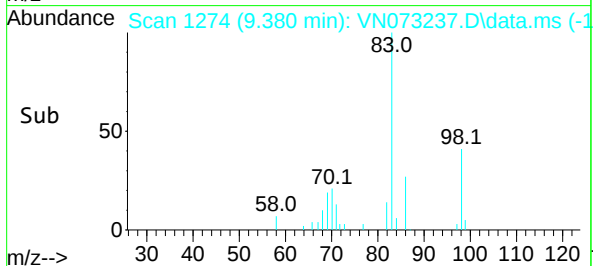
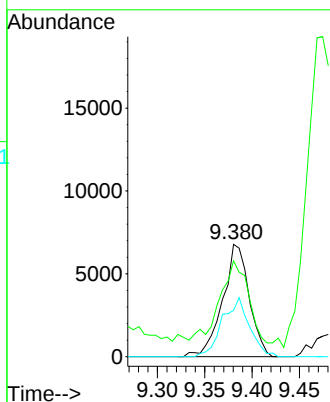
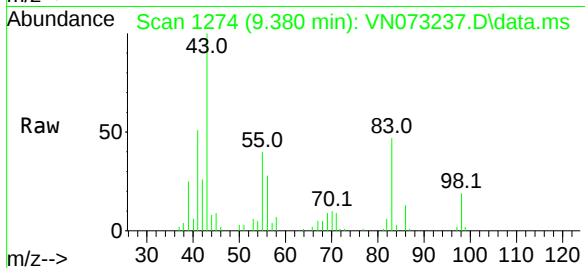
Tgt Ion: 83 Resp: 13206

Ion Ratio Lower Upper

83 100

55 68.7 57.8 86.8

98 41.2 39.4 59.2



#40

Benzene

Concen: 27.629 ug/l

RT: 8.380 min Scan# 1104

Delta R.T. -0.005 min

Lab File: VN073237.D

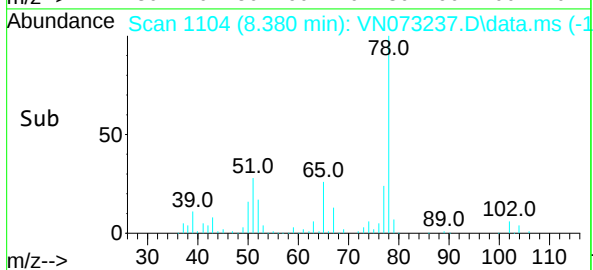
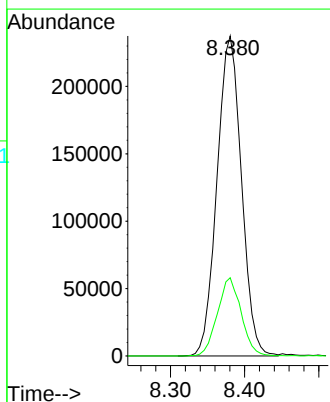
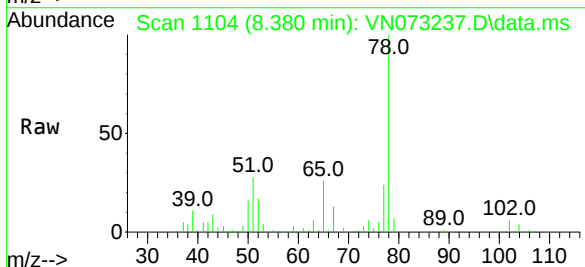
Acq: 29 Jun 2022 12:52

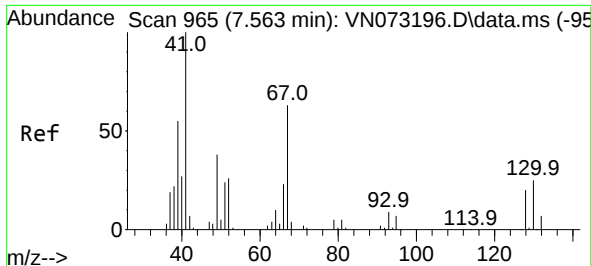
Tgt Ion: 78 Resp: 543619

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.0

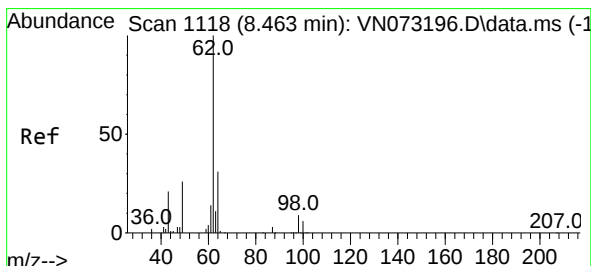
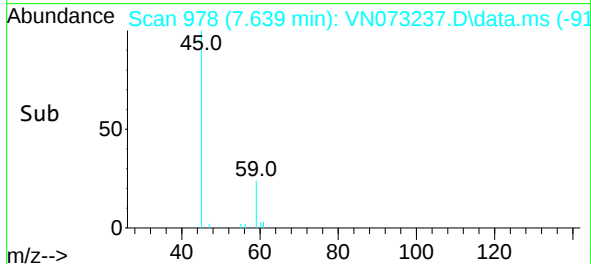
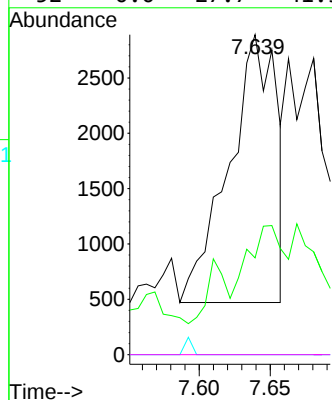
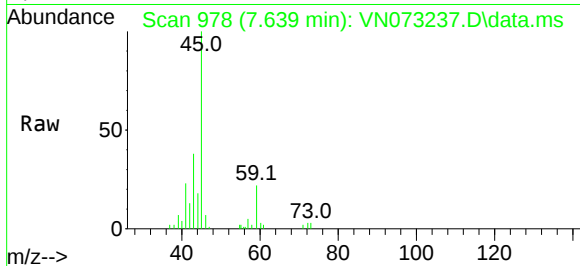




#41
Methacrylonitrile
Concen: 1.209 ug/l
RT: 7.639 min Scan# 91
Delta R.T. 0.076 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

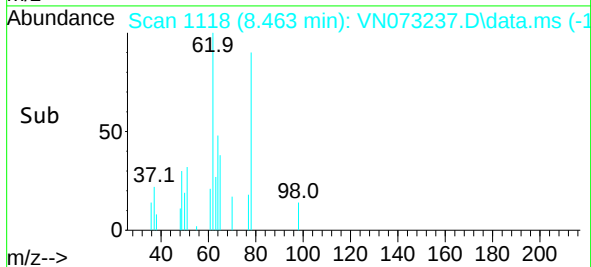
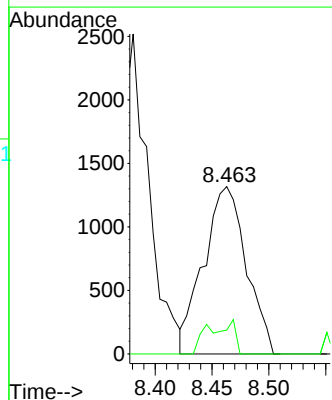
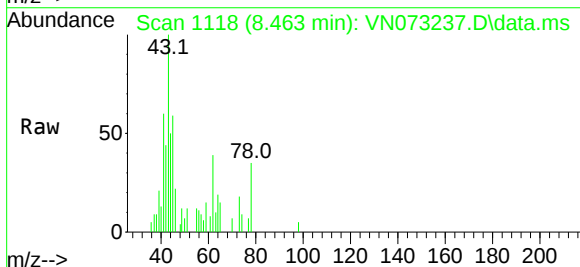
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

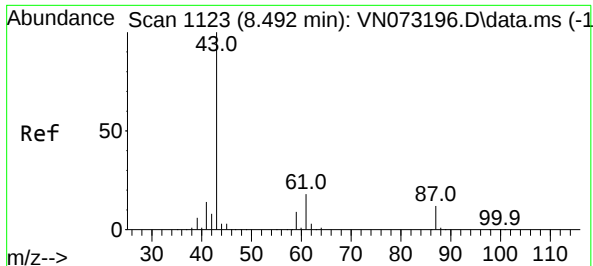
Tgt Ion: 41	Resp: 5648
Ion Ratio	Lower Upper
41	100
39	19.5 48.6 73.0#
67	0.0 73.4 110.2#
52	0.0 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 0.482 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion: 62	Resp: 3441
Ion Ratio	Lower Upper
62	100
98	5.7 0.0 19.4

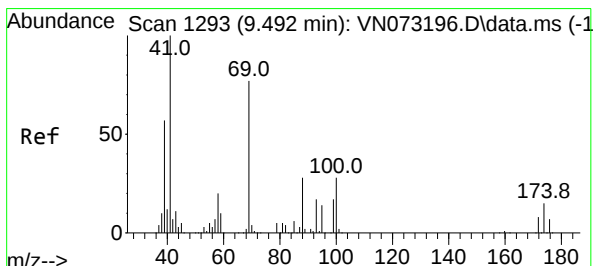
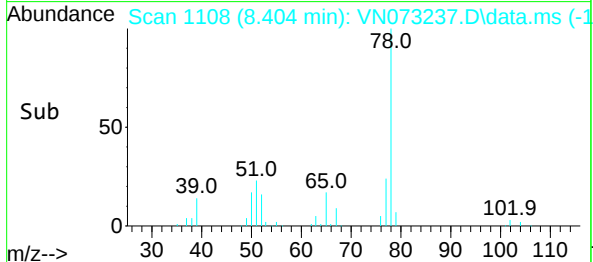
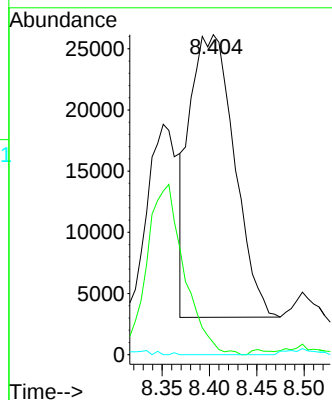
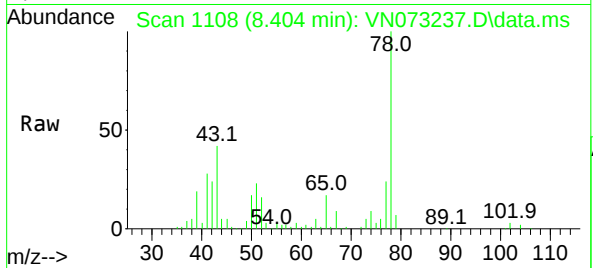




#43
Isopropyl Acetate
Concen: 5.459 ug/l
RT: 8.404 min Scan# 1123
Delta R.T. -0.088 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

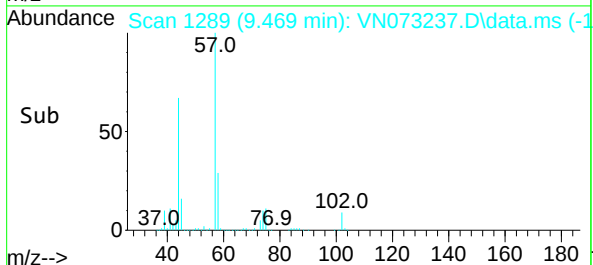
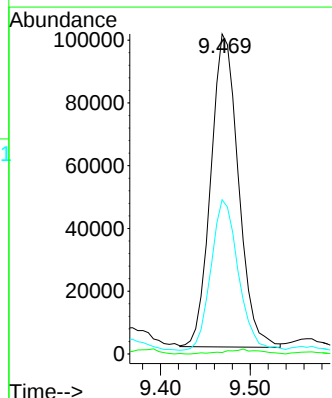
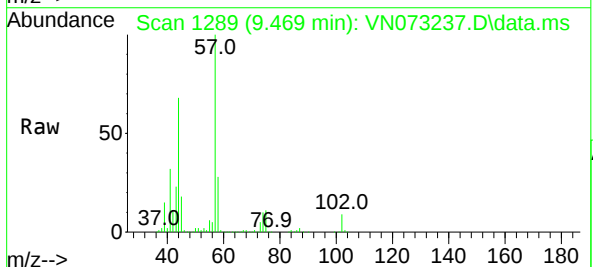
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

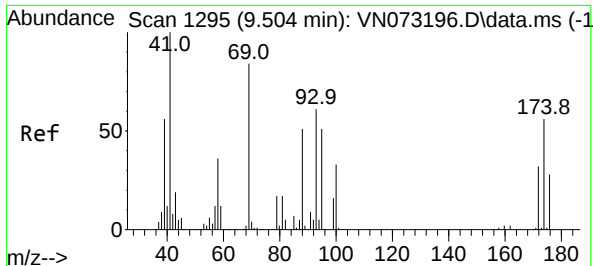
Tgt Ion: 43 Resp: 75582
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#48
Methyl methacrylate
Concen: 33.280 ug/l
RT: 9.469 min Scan# 1289
Delta R.T. -0.023 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion: 41 Resp: 213335
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 48.2 45.6 68.4

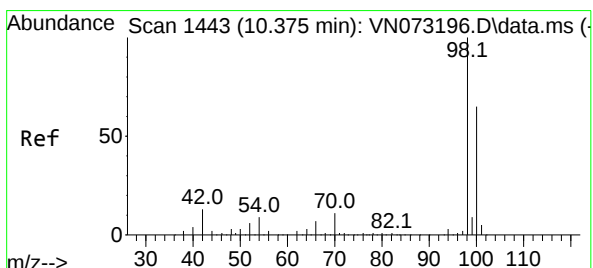
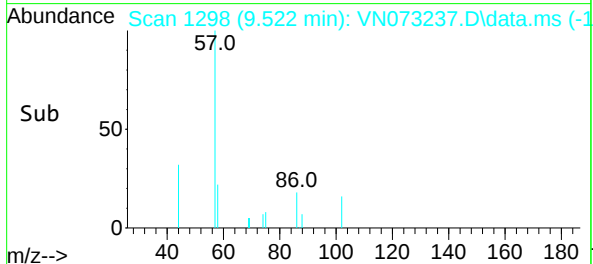
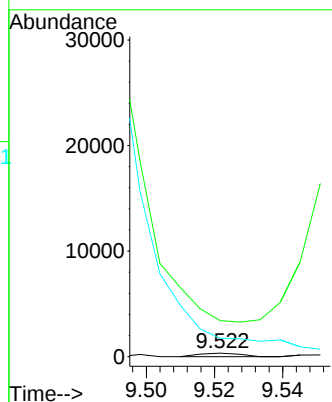
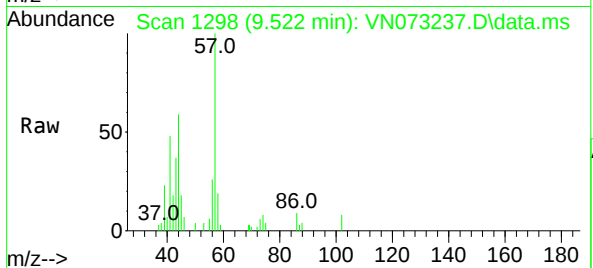




#49
1,4-Dioxane
Concen: 2.326 ug/l
RT: 9.522 min Scan# 1298
Delta R.T. 0.018 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

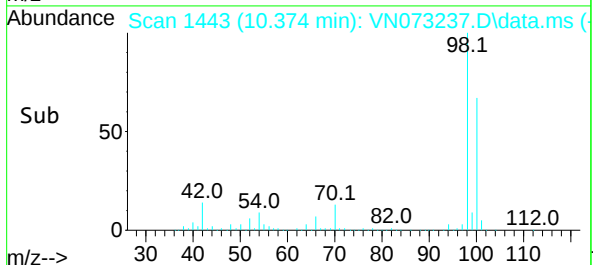
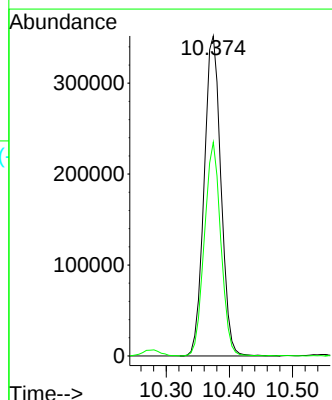
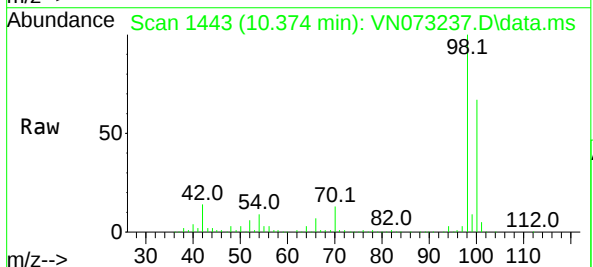
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

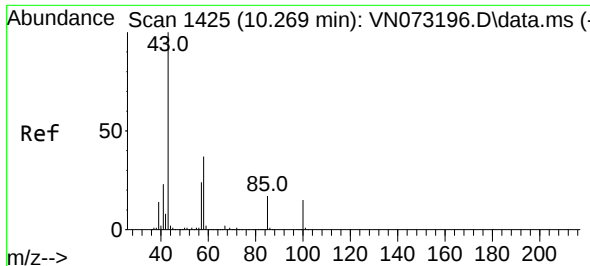
Tgt Ion: 88 Resp: 283
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 0.0 54.2 81.4#



#50
Toluene-d8
Concen: 44.187 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.001 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion: 98 Resp: 650271
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8

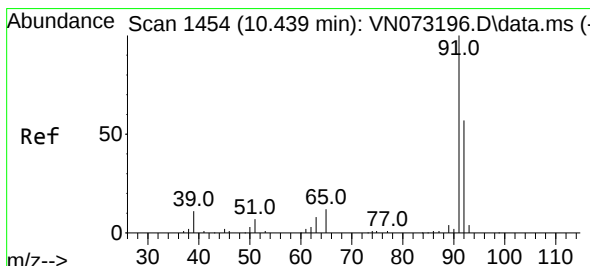
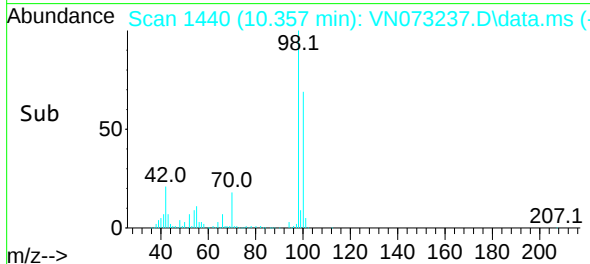
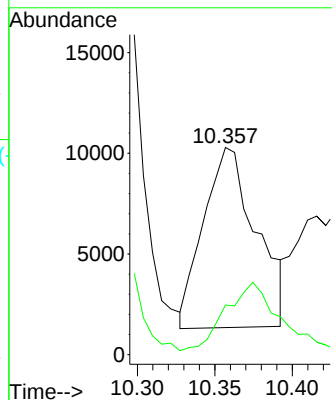
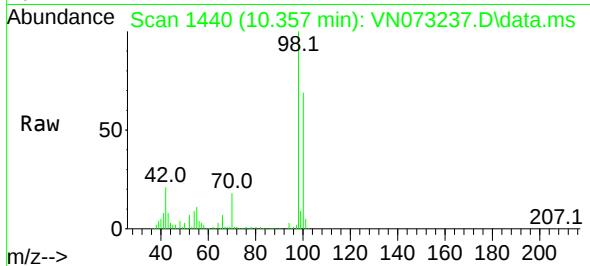




#51
4-Methyl-2-Pentanone
Concen: 2.415 ug/l
RT: 10.357 min Scan# 1440
Delta R.T. 0.088 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

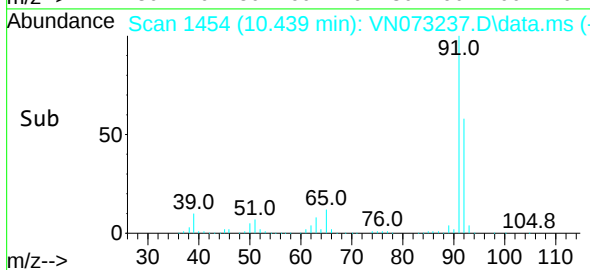
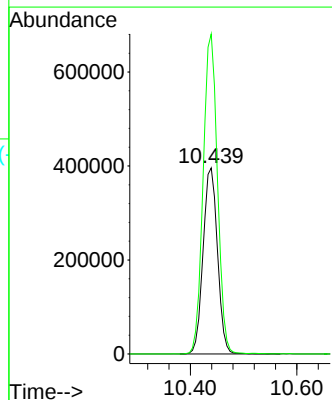
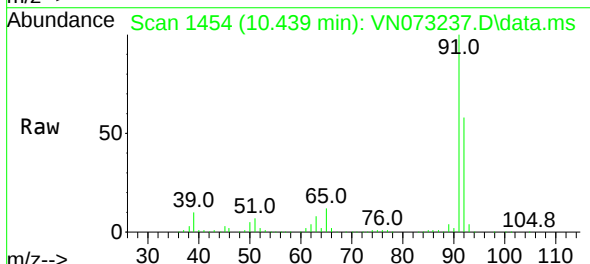
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

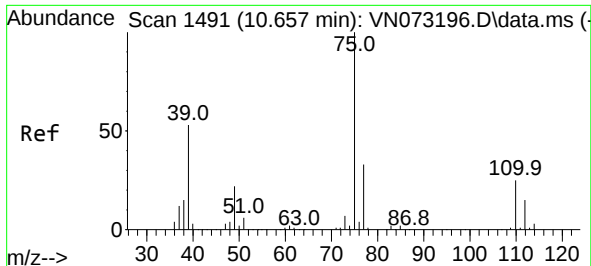
Tgt Ion: 43 Resp: 21199
Ion Ratio Lower Upper
43 100
58 46.1 34.1 51.1



#52
Toluene
Concen: 60.937 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion: 92 Resp: 740981
Ion Ratio Lower Upper
92 100
91 170.9 138.6 207.8

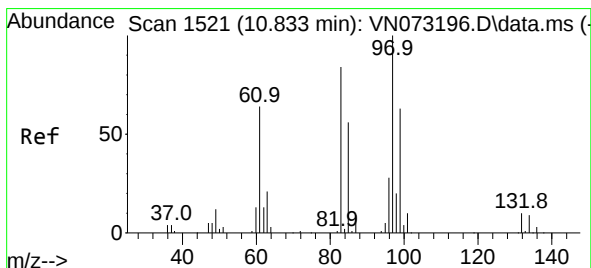
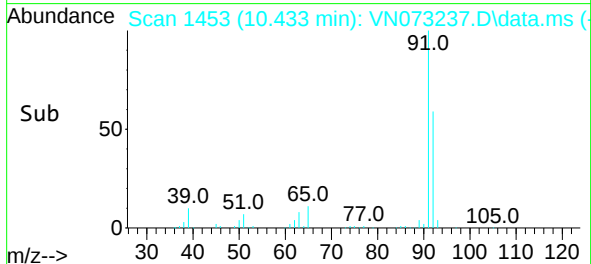
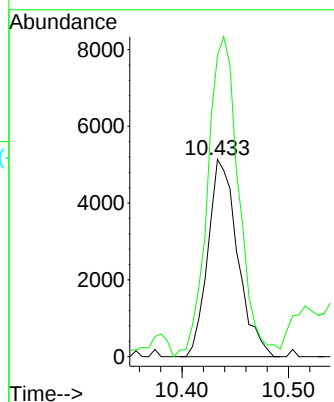
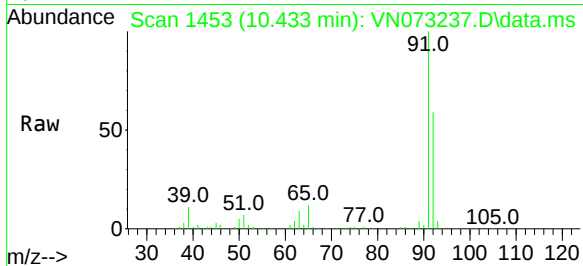




#53
 t-1,3-Dichloropropene
 Concen: 1.369 ug/l
 RT: 10.433 min Scan# 1491
 Delta R.T. -0.224 min
 Lab File: VN073237.D
 Acq: 29 Jun 2022 12:52

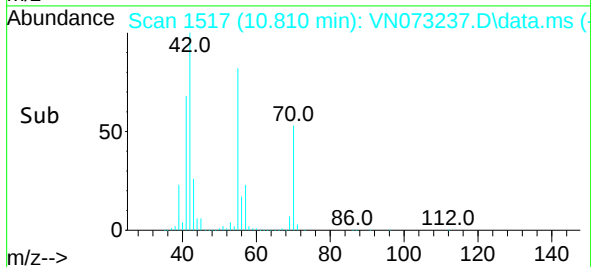
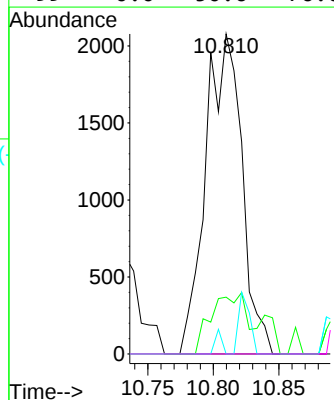
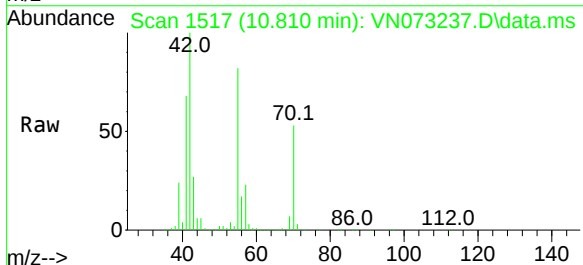
Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1613

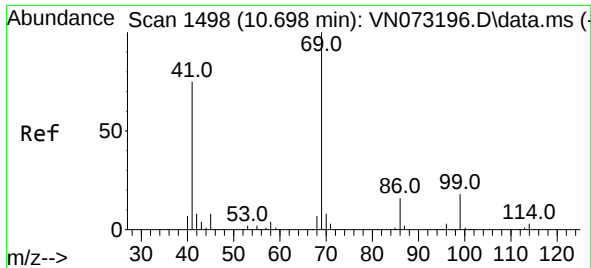
Tgt Ion: 75 Resp: 9938
 Ion Ratio Lower Upper
 75 100
 77 149.3 25.6 38.4#



#55
 1,1,2-Trichloroethane
 Concen: 0.798 ug/l
 RT: 10.810 min Scan# 1517
 Delta R.T. -0.023 min
 Lab File: VN073237.D
 Acq: 29 Jun 2022 12:52

Tgt Ion: 97 Resp: 3994
 Ion Ratio Lower Upper
 97 100
 83 17.8 66.2 99.4#
 85 0.0 43.9 65.9#
 99 0.0 50.6 76.0#

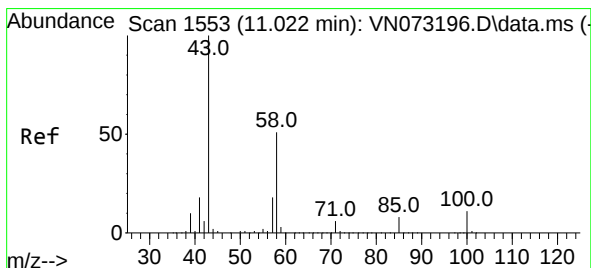
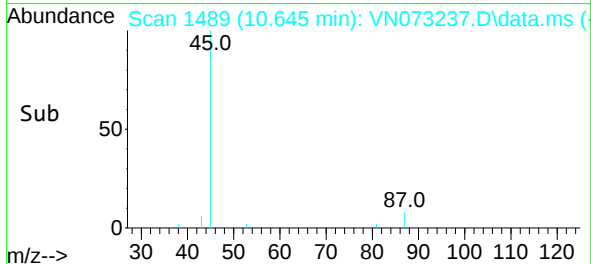
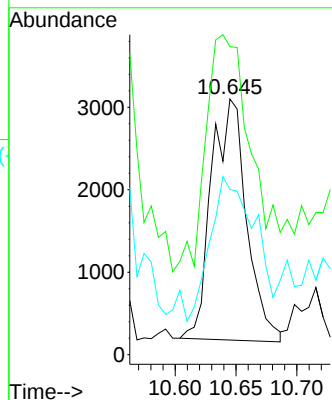
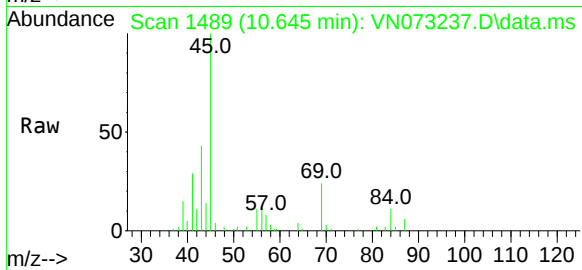




#56
Ethyl methacrylate
Concen: 0.727 ug/l
RT: 10.645 min Scan# 1498
Delta R.T. -0.053 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

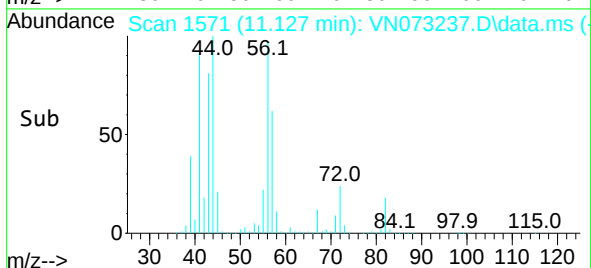
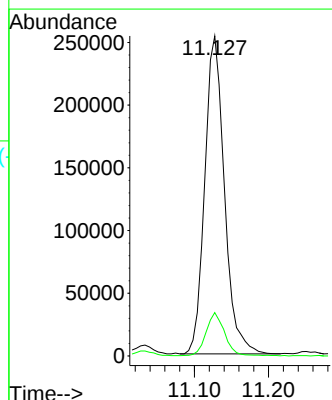
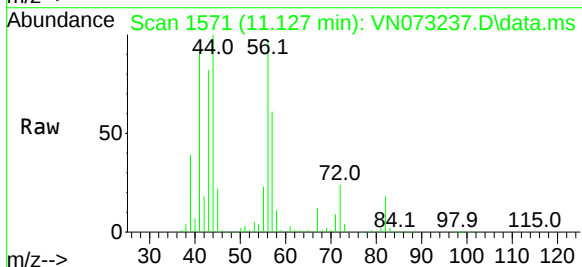
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

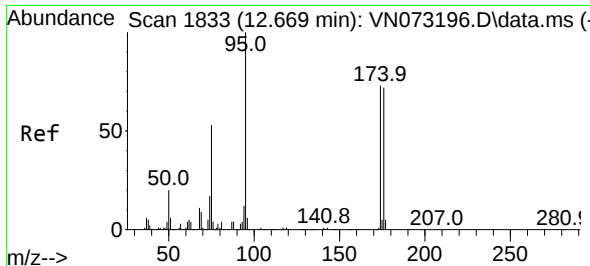
Tgt Ion: 69 Resp: 5879
Ion Ratio Lower Upper
69 100
41 0.0 47.8 71.6#
39 0.0 27.3 40.9#



#59
2-Hexanone
Concen: 69.914 ug/l
RT: 11.127 min Scan# 1571
Delta R.T. 0.105 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion: 43 Resp: 467900
Ion Ratio Lower Upper
43 100
58 13.1 29.7 89.1#

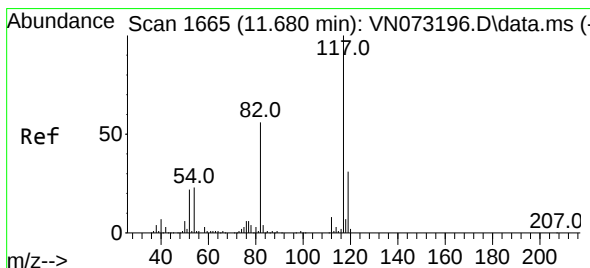
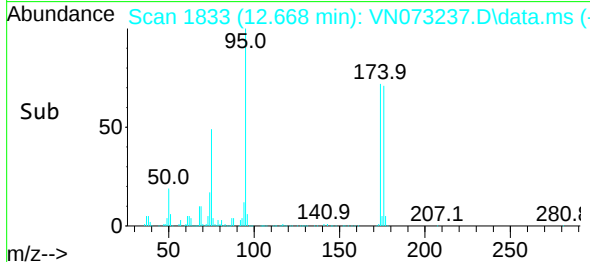
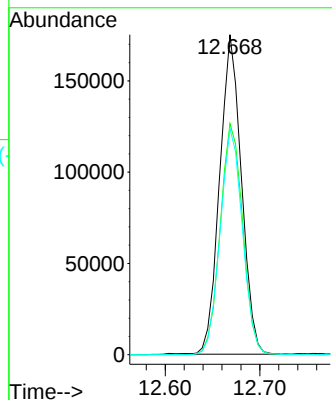
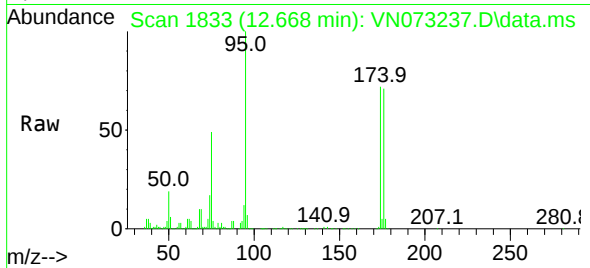




#62
4-Bromofluorobenzene
Concen: 49.363 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

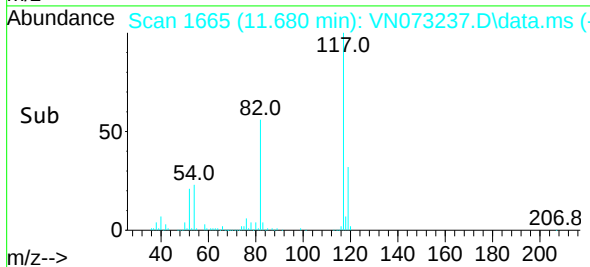
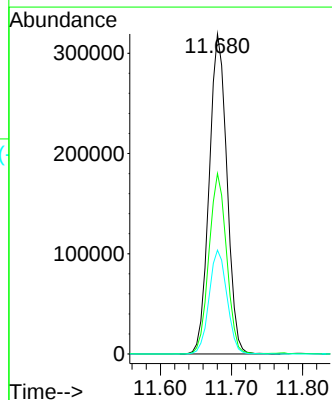
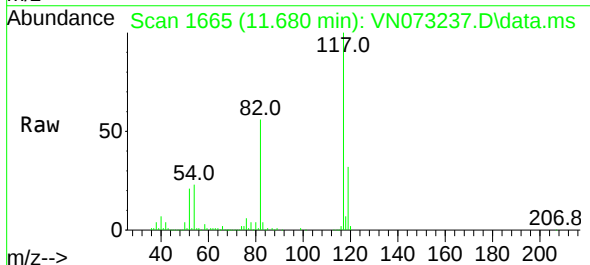
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

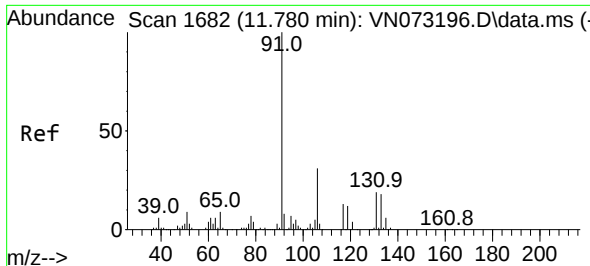
Tgt Ion: 95 Resp: 279168
Ion Ratio Lower Upper
95 100
174 75.1 0.0 167.6
176 72.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion: 117 Resp: 553824
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 32.5 25.4 38.0

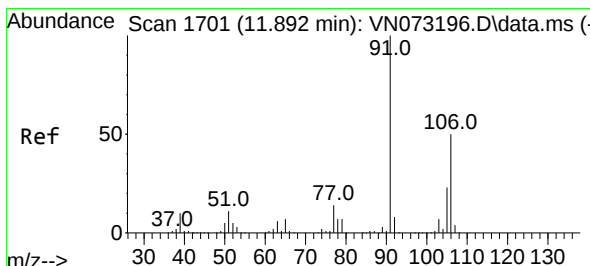
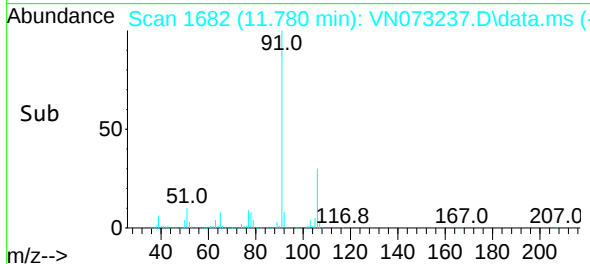
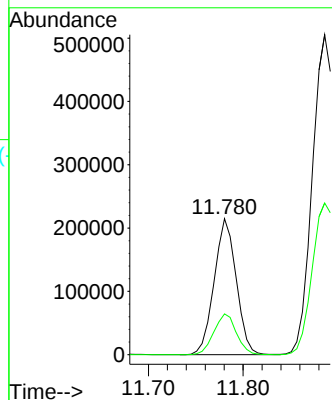
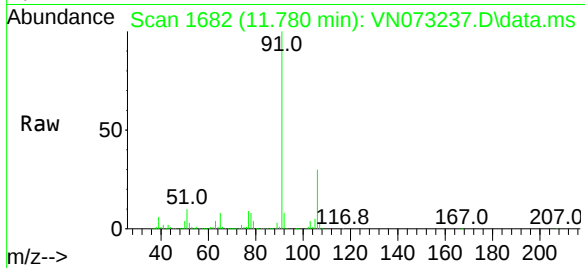




#67
Ethyl Benzene
Concen: 15.294 ug/l
RT: 11.780 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

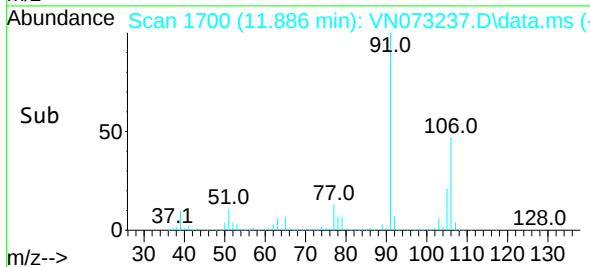
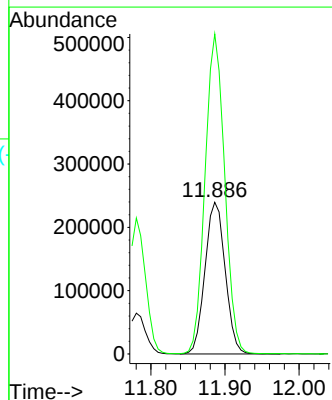
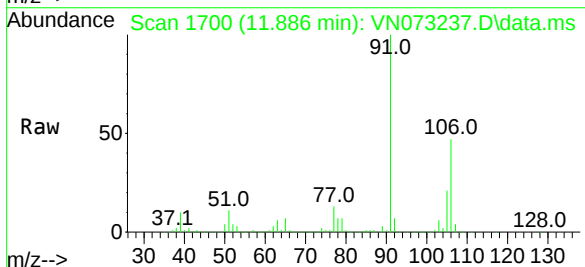
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

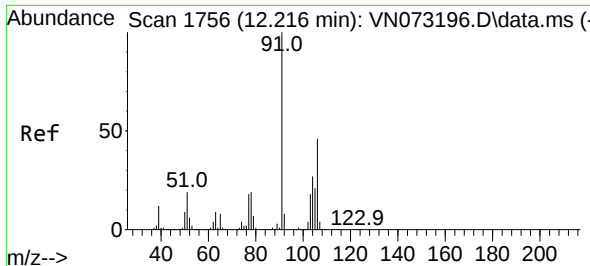
Tgt Ion: 91 Resp: 347781
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3



#68
m/p-Xylenes
Concen: 52.869 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion: 106 Resp: 453714
Ion Ratio Lower Upper
106 100
91 204.3 158.9 238.3

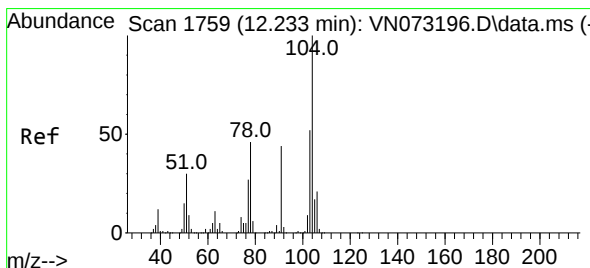
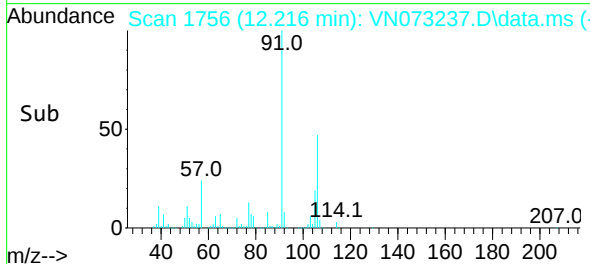
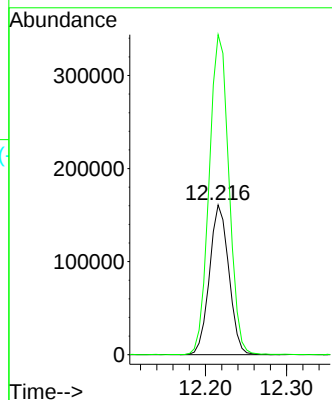
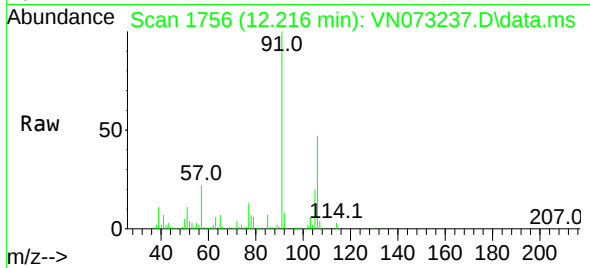




#69
o-Xylene
Concen: 30.405 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

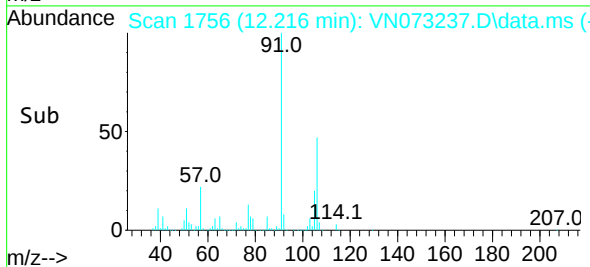
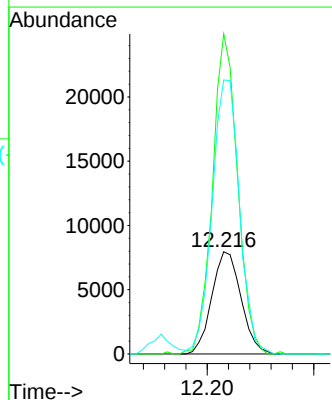
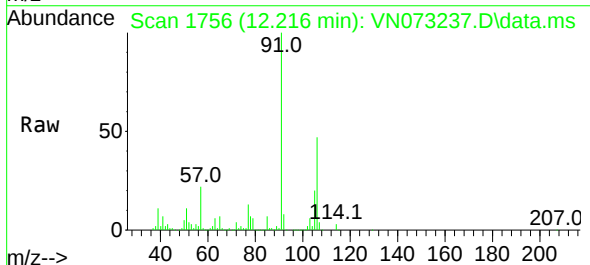
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

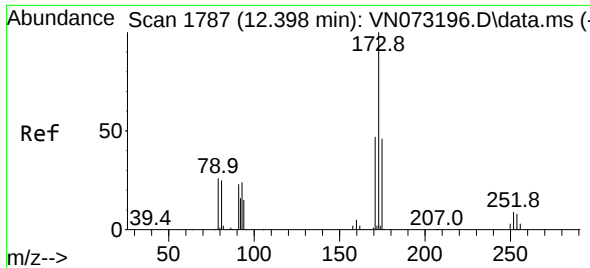
Tgt Ion:106 Resp: 266378
Ion Ratio Lower Upper
106 100
91 218.1 106.0 318.0



#70
Styrene
Concen: 1.117 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.017 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion:104 Resp: 15110
Ion Ratio Lower Upper
104 100
78 269.1 39.5 59.3#
103 251.8 44.0 66.0#

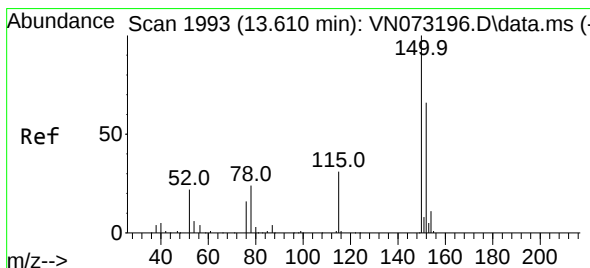
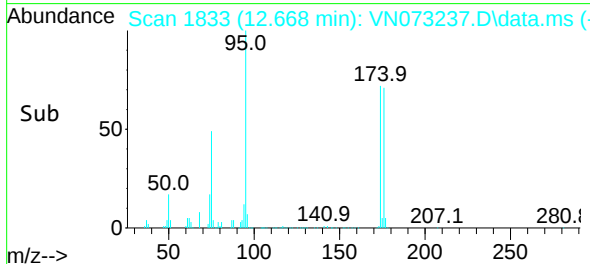
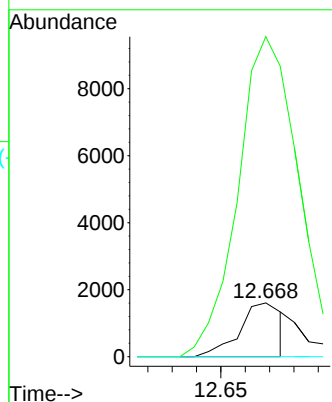
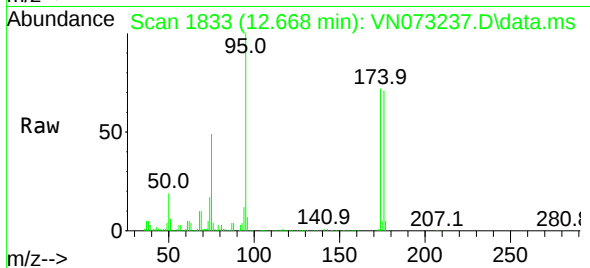




#71
Bromoform
Concen: 0.576 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.270 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

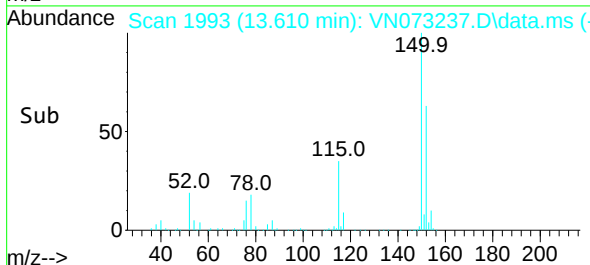
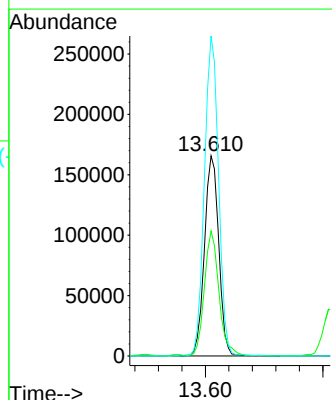
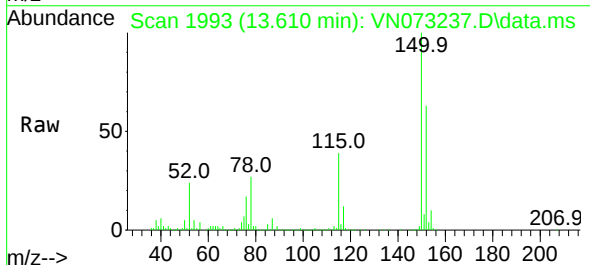
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

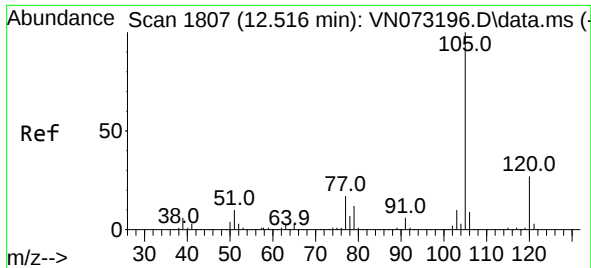
Tgt Ion:173 Resp: 1941
Ion Ratio Lower Upper
173 100
175 634.8 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion:152 Resp: 279437
Ion Ratio Lower Upper
152 100
115 63.1 28.9 86.7
150 158.4 0.0 356.2

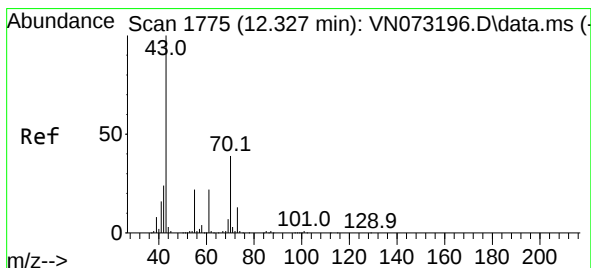
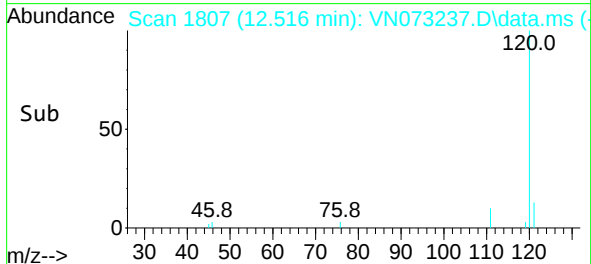
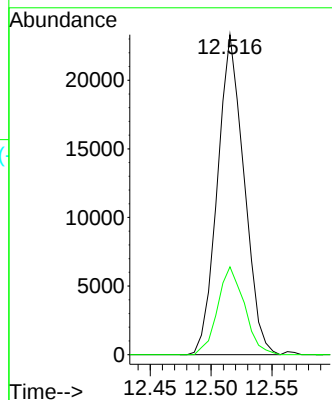
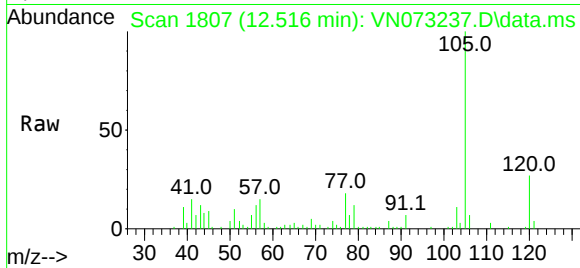




#73
Isopropylbenzene
Concen: 1.469 ug/l
RT: 12.516 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

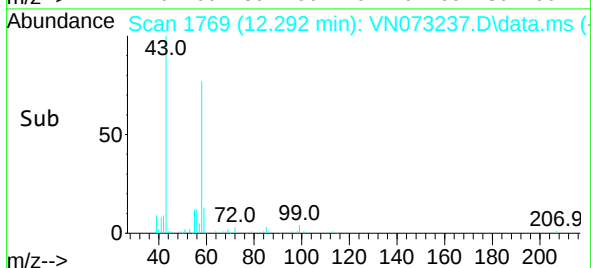
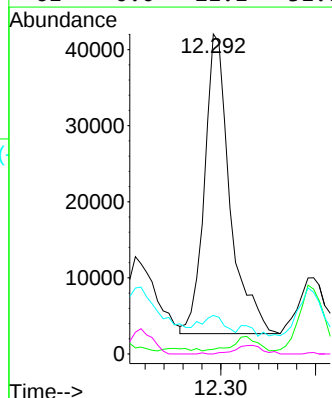
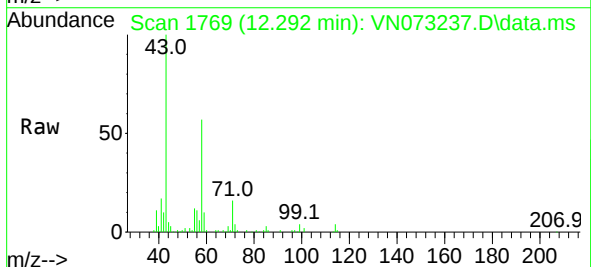
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

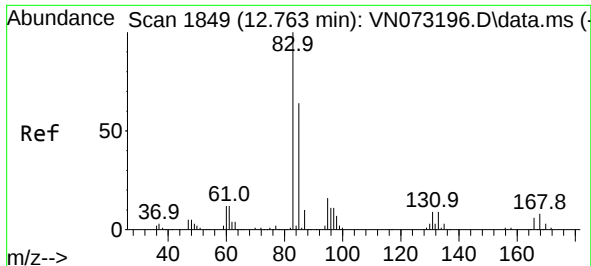
Tgt Ion:105 Resp: 35454
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.4



#74
N-ethyl acetate
Concen: 6.082 ug/l
RT: 12.292 min Scan# 1769
Delta R.T. -0.035 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion: 43 Resp: 73484
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 0.0 21.1 31.7#
61 0.0 21.1 31.7#

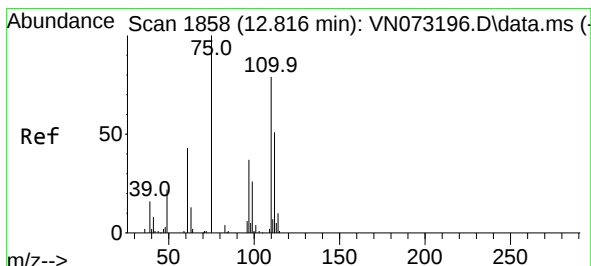
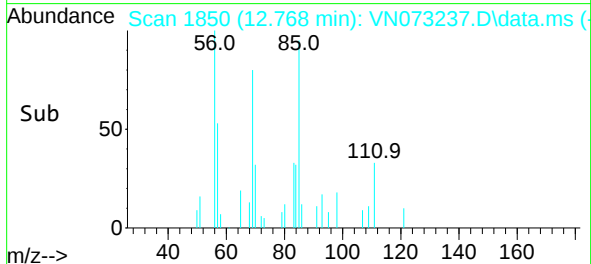
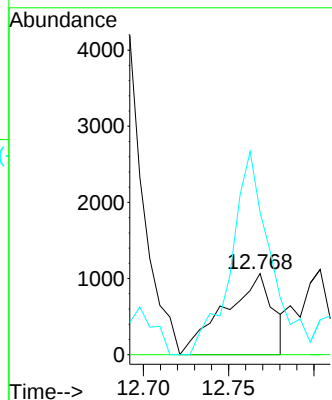
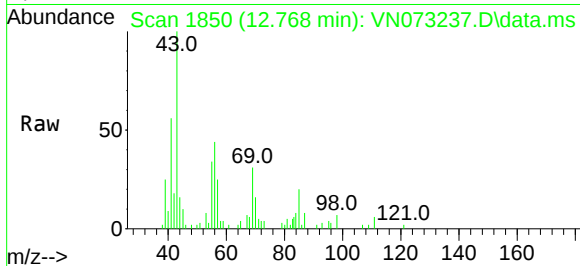




#75
1,1,2,2-Tetrachloroethane
Concen: 0.261 ug/l
RT: 12.768 min Scan# 1833
Delta R.T. 0.005 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

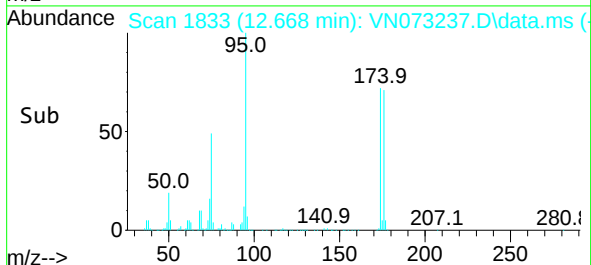
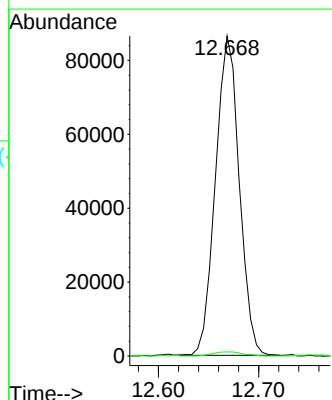
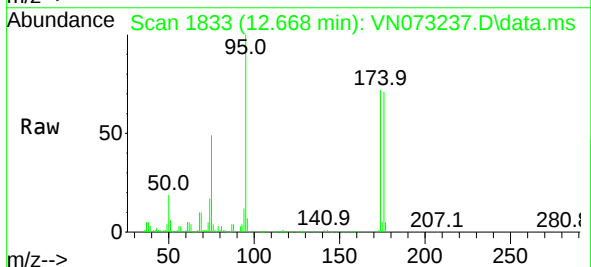
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

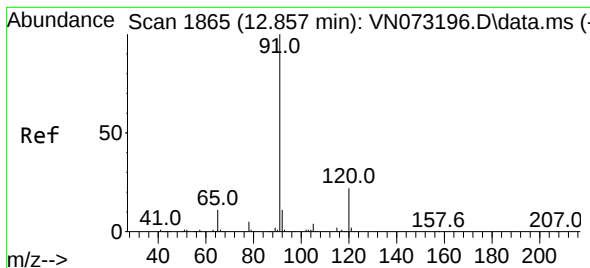
Tgt Ion: 83 Resp: 2090
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 205.4 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 19.521 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion: 75 Resp: 142633
Ion Ratio Lower Upper
75 100
77 1.6 98.5 295.5#





#78

n-propylbenzene

Concen: 3.282 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073237.D

Acq: 29 Jun 2022 12:52

Instrument :

MSVOA_N

ClientSampleId :

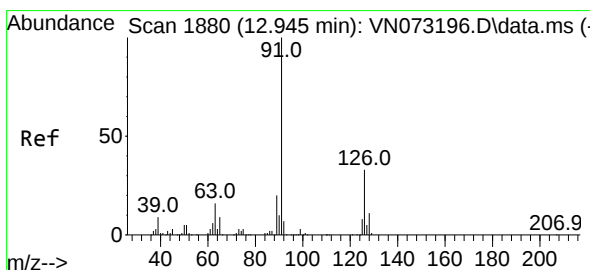
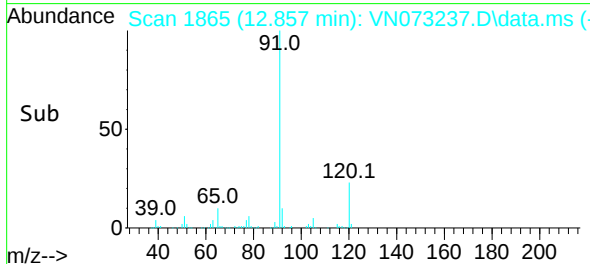
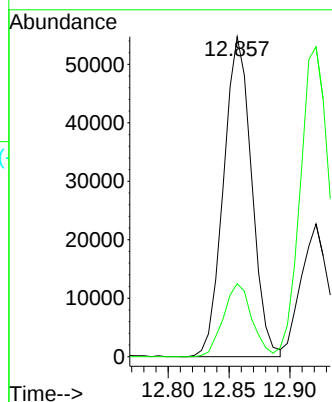
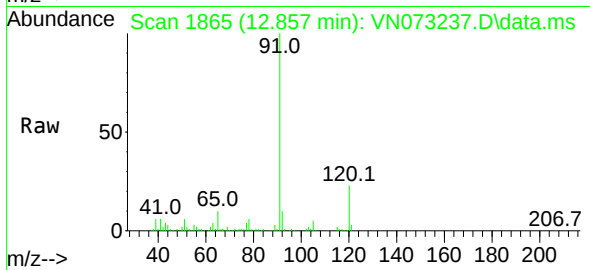
TRE-1613

Tgt Ion: 91 Resp: 87993

Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.5



#79

2-Chlorotoluene

Concen: 2.901 ug/l

RT: 12.921 min Scan# 1876

Delta R.T. -0.024 min

Lab File: VN073237.D

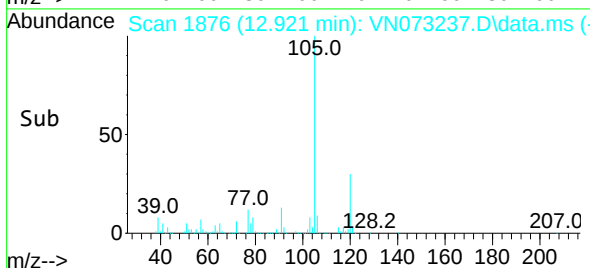
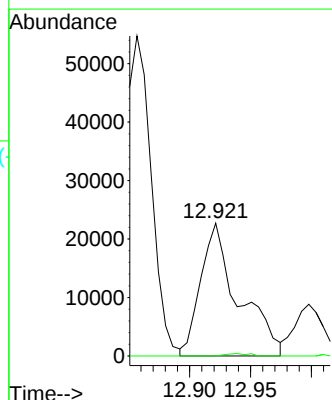
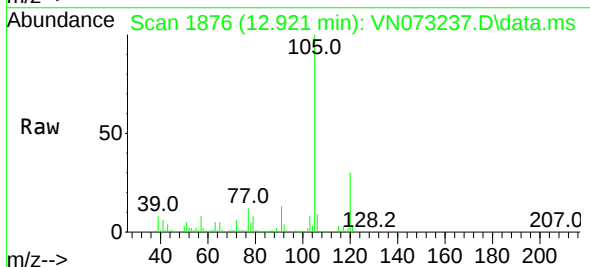
Acq: 29 Jun 2022 12:52

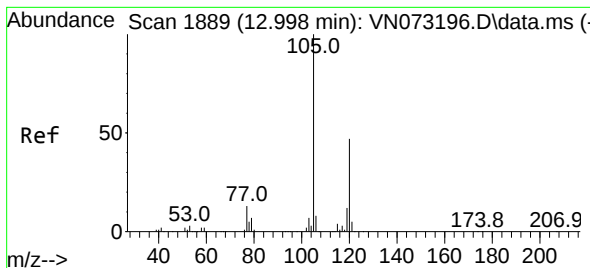
Tgt Ion: 91 Resp: 49211

Ion Ratio Lower Upper

91 100

126 1.1 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 6.064 ug/l

RT: 12.998 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN073237.D

Acq: 29 Jun 2022 12:52

Instrument :

MSVOA_N

ClientSampleId :

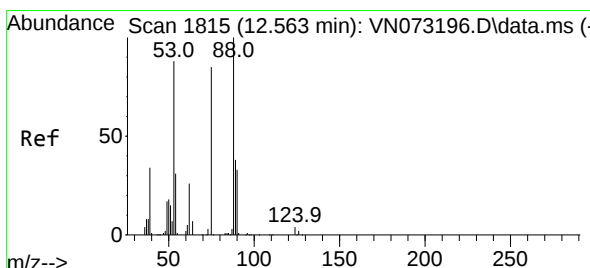
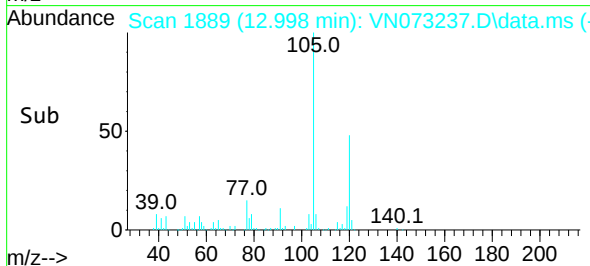
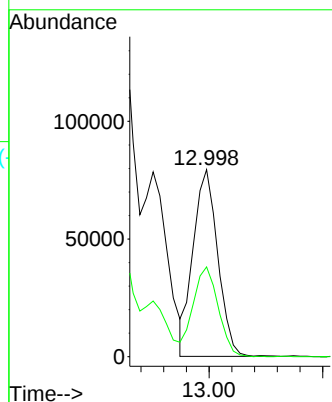
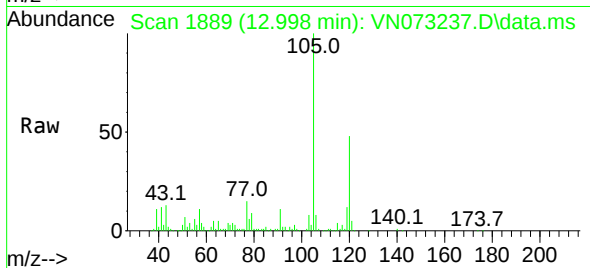
TRE-1613

Tgt Ion:105 Resp: 119269

Ion Ratio Lower Upper

105 100

120 49.3 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 53.535 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. 0.105 min

Lab File: VN073237.D

Acq: 29 Jun 2022 12:52

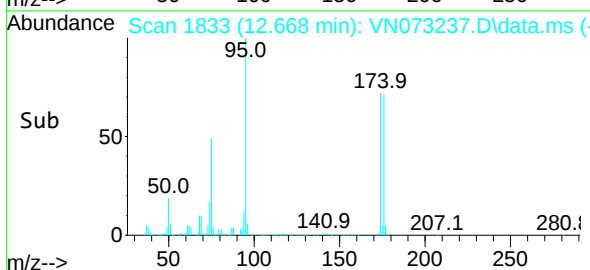
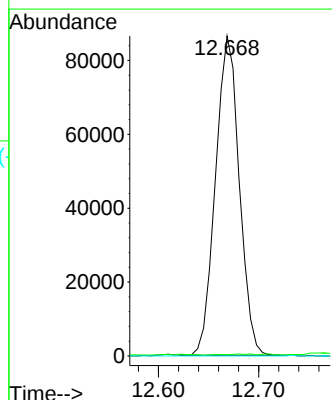
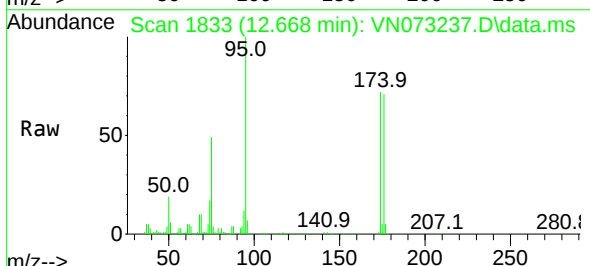
Tgt Ion: 75 Resp: 142633

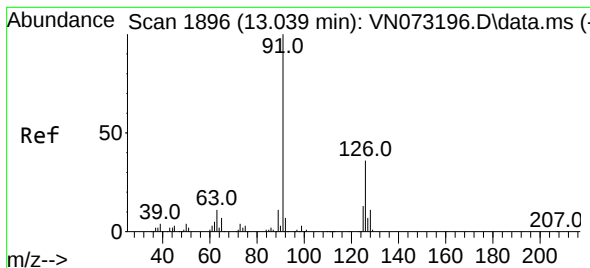
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#





#82

4-Chlorotoluene

Concen: 0.949 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.041 min

Lab File: VN073237.D

Acq: 29 Jun 2022 12:52

Instrument :

MSVOA_N

ClientSampleId :

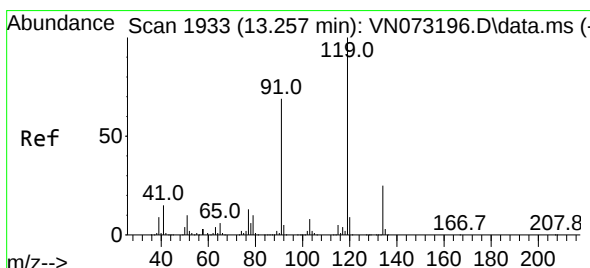
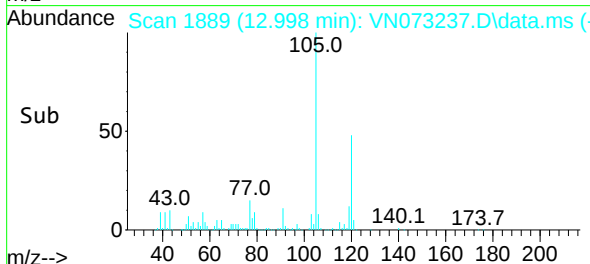
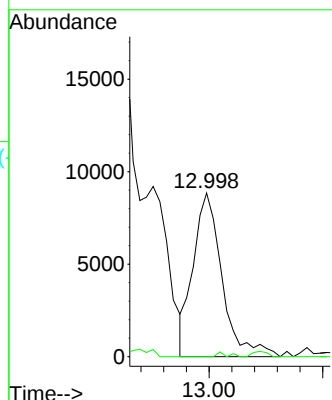
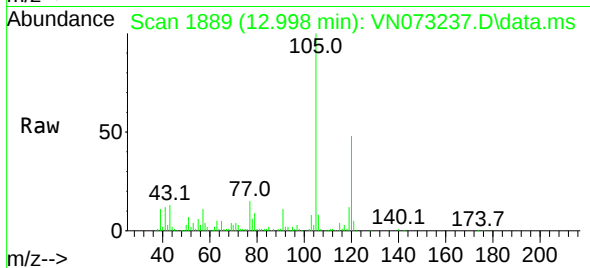
TRE-1613

Tgt Ion: 91 Resp: 15593

Ion Ratio Lower Upper

91 100

126 1.0 17.2 51.6#



#83

tert-Butylbenzene

Concen: 3.445 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.047 min

Lab File: VN073237.D

Acq: 29 Jun 2022 12:52

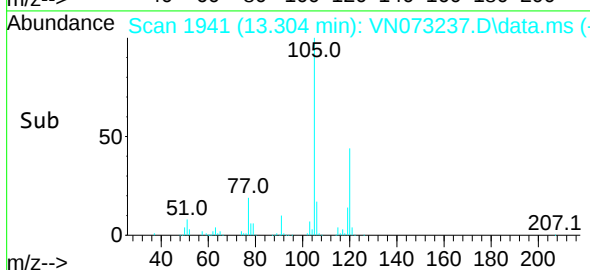
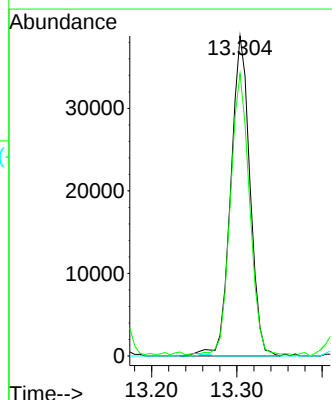
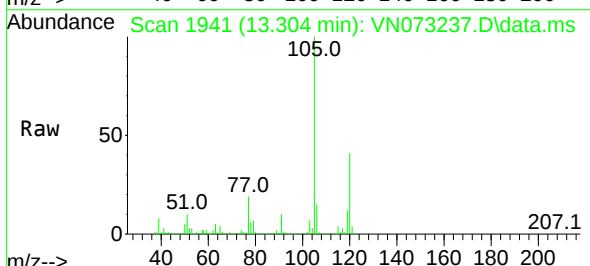
Tgt Ion: 119 Resp: 60753

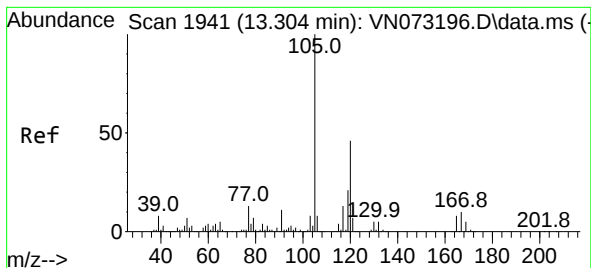
Ion Ratio Lower Upper

119 100

91 89.3 31.6 94.8

134 0.0 13.7 41.1#





#84

1,2,4-Trimethylbenzene

Concen: 39.491 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073237.D

Acq: 29 Jun 2022 12:52

Instrument :

MSVOA_N

ClientSampleId :

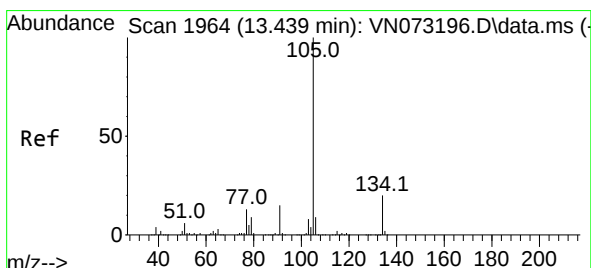
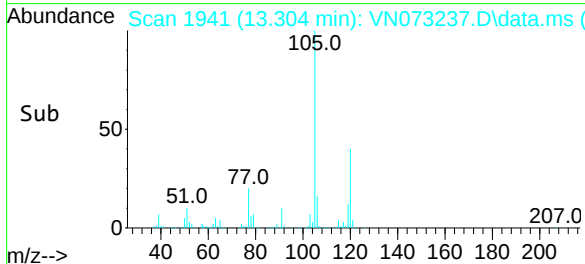
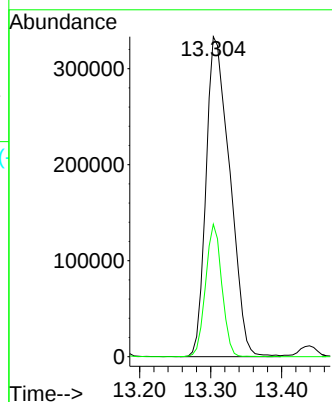
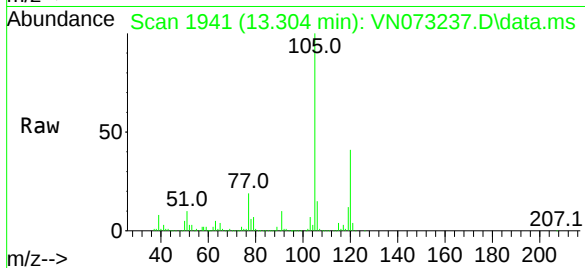
TRE-1613

Tgt Ion:105 Resp: 775475

Ion Ratio Lower Upper

105 100

120 28.4 23.3 69.8



#85

sec-Butylbenzene

Concen: 32.752 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.135 min

Lab File: VN073237.D

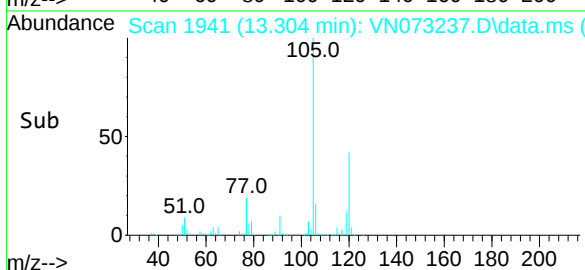
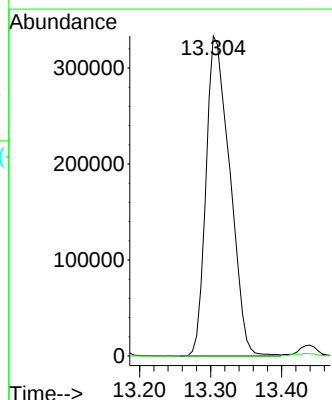
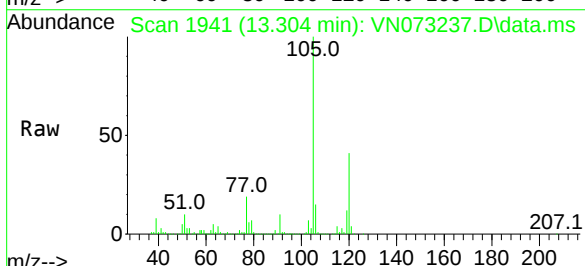
Acq: 29 Jun 2022 12:52

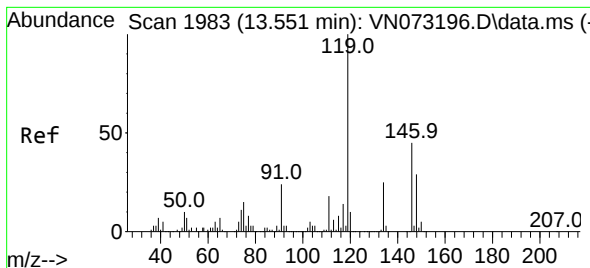
Tgt Ion:105 Resp: 775475

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#





#86

p-Isopropyltoluene

Concen: 1.154 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN073237.D

Acq: 29 Jun 2022 12:52

Instrument :

MSVOA_N

ClientSampleId :

TRE-1613

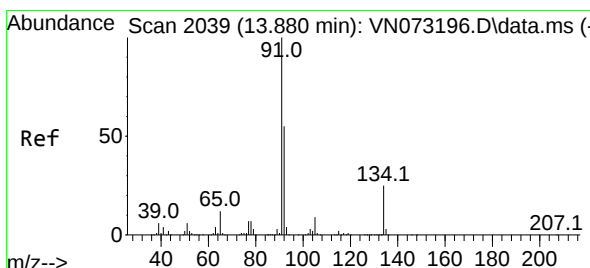
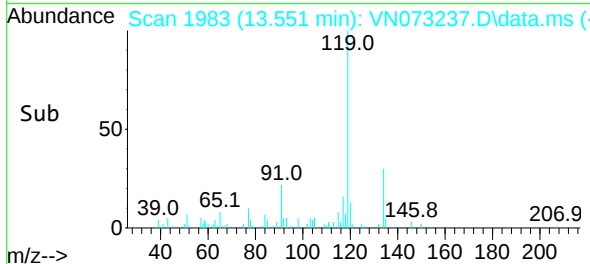
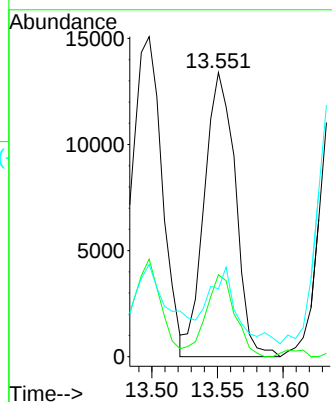
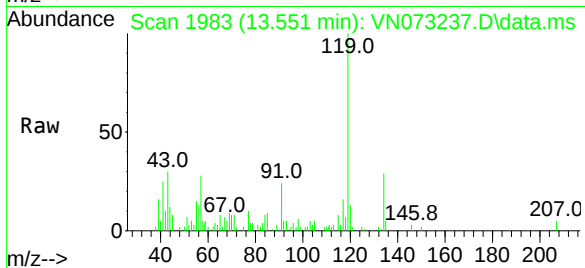
Tgt Ion:119 Resp: 22075

Ion Ratio Lower Upper

119 100

134 27.4 13.3 39.8

91 23.5 11.3 33.9



#89

n-Butylbenzene

Concen: 1.196 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073237.D

Acq: 29 Jun 2022 12:52

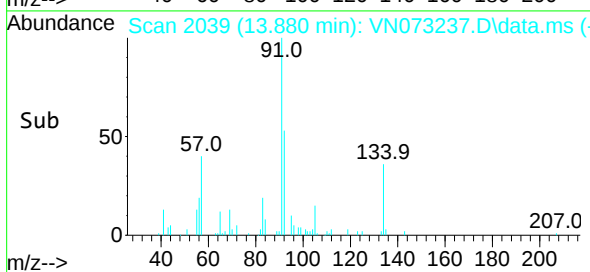
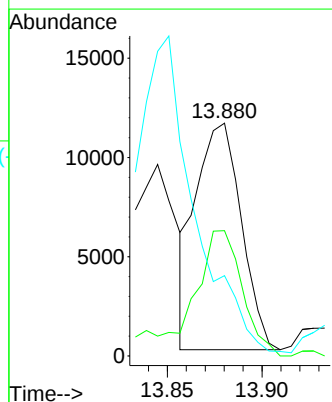
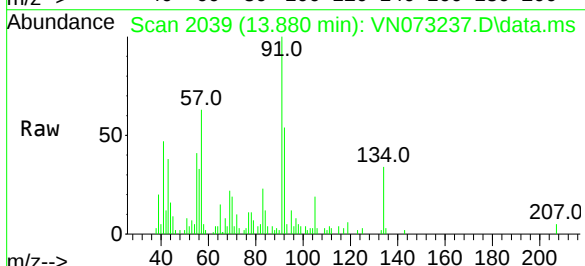
Tgt Ion: 91 Resp: 19060

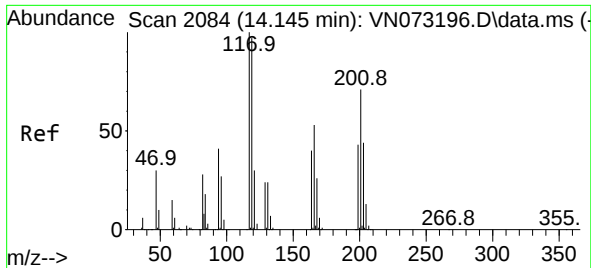
Ion Ratio Lower Upper

91 100

92 56.4 26.9 80.7

134 0.0 13.6 40.8#

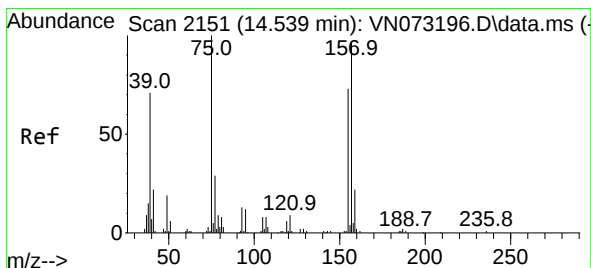
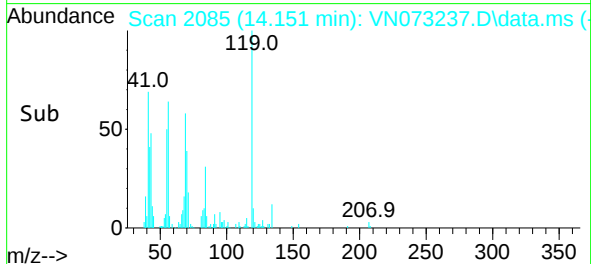
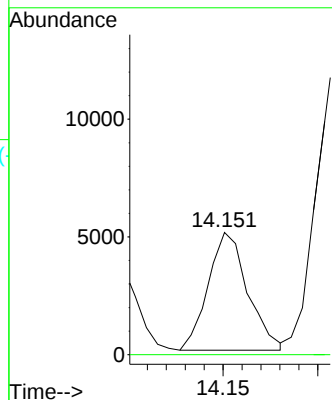
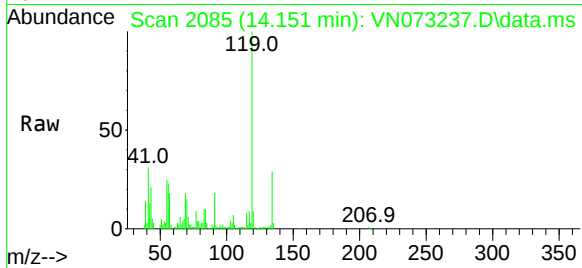




#90
Hexachloroethane
Concen: 2.043 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

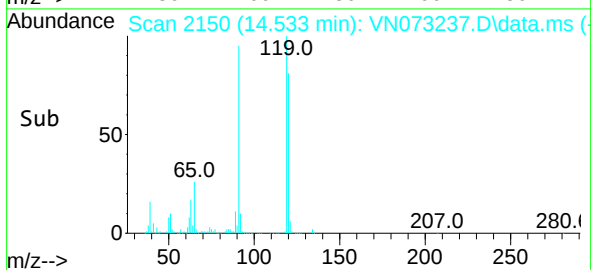
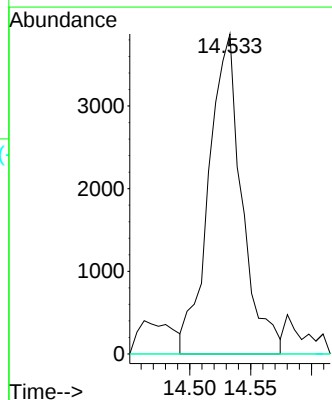
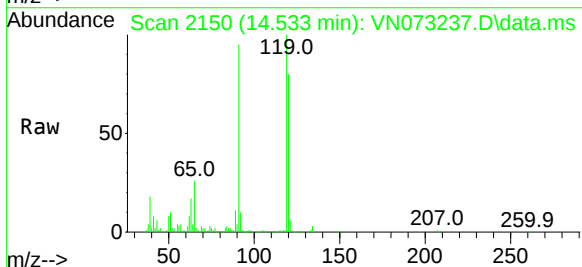
Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

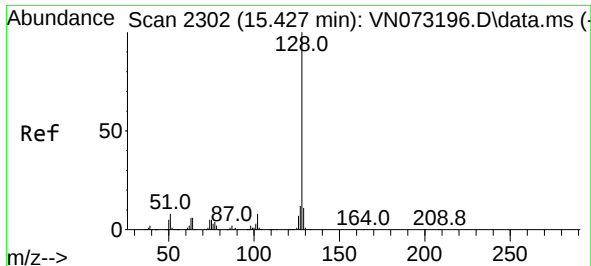
Tgt Ion:117 Resp: 7283
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.758 ug/l
RT: 14.533 min Scan# 2150
Delta R.T. -0.006 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion: 75 Resp: 7313
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#

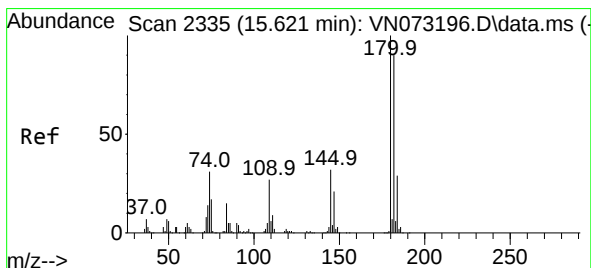
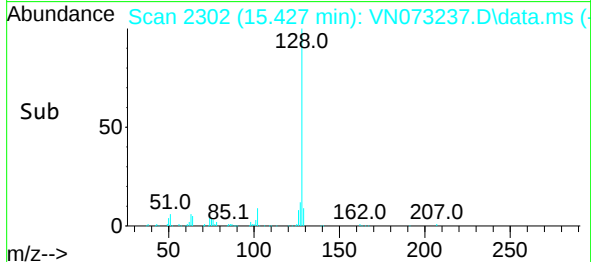
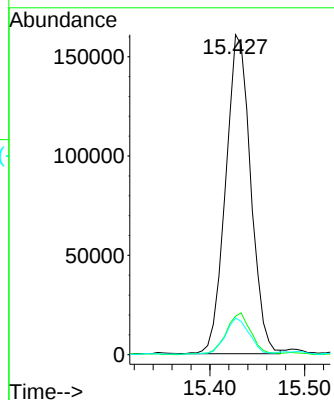
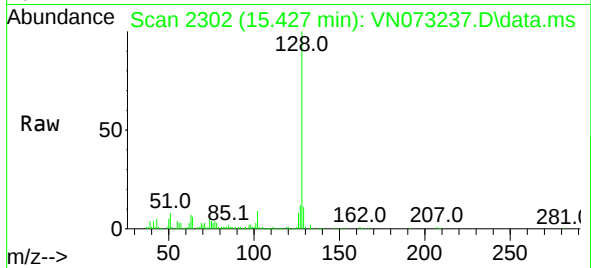




#95
Naphthalene
Concen: 13.691 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Instrument :
MSVOA_N
ClientSampleId :
TRE-1613

Tgt Ion:128 Resp: 294866
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.312 ug/l
RT: 15.609 min Scan# 2333
Delta R.T. -0.012 min
Lab File: VN073237.D
Acq: 29 Jun 2022 12:52

Tgt Ion:180 Resp: 1718
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.3#
145 135.9 15.5 46.5#

