

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075536.D
 Acq On : 02 Dec 2022 16:53
 Operator : JC\MD
 Sample : N5836-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JAM-VRG-1201

Quant Time: Dec 03 00:35:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	160793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	264411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	248917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	47184	54.667	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.340%
35) Dibromofluoromethane	8.171	113	55388	53.325	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.640%
50) Toluene-d8	10.571	98	122634	52.420	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.840%
62) 4-Bromofluorobenzene	12.853	95	97893	56.692	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.380%
Target Compounds						Qvalue
3) Chloromethane	2.330	50	6809	4.451	ug/l #	70
5) Bromomethane	2.924	94	398	0.235	ug/l	91
6) Chloroethane	3.153	64	293	0.201	ug/l #	45
8) Diethyl Ether	3.971	74	78030	80.825	ug/l	95
11) Tert butyl alcohol	5.542	59	352585	973.114	ug/l #	94
13) Acrolein	4.418	56	4550	14.415	ug/l #	72
14) Allyl chloride	5.042	41	4425	2.297	ug/l #	25
15) Acrylonitrile	5.812	53	7077	8.513	ug/l #	33
16) Acetone	4.436	43	600984	746.495	ug/l	94
17) Carbon Disulfide	4.718	76	1706	0.441	ug/l #	74
18) Methyl Acetate	5.036	43	248950	124.592	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	634968	120.377	ug/l	96
20) Methylene Chloride	5.289	84	863	Below Cal	#	66
22) Diisopropyl ether	6.689	45	482273	109.724	ug/l #	1
23) Vinyl Acetate	6.689	43	31723	9.072	ug/l #	77
24) 1,1-Dichloroethane	6.683	63	3650	1.294	ug/l #	82
25) 2-Butanone	7.488	43	374405	333.105	ug/l	98
26) 2,2-Dichloropropane	7.341	77	8498	3.241	ug/l #	53
29) Tetrahydrofuran	7.853	42	11783	17.235	ug/l	93
31) Cyclohexane	8.265	56	41098	14.987	ug/l	93
36) 1,1-Dichloropropene	8.230	75	11157	4.926	ug/l #	48
37) Ethyl Acetate	7.488	43	374405	183.568	ug/l #	66
38) Carbon Tetrachloride	8.230	117	15260	6.133	ug/l #	17
39) Methylcyclohexane	9.600	83	49562	17.483	ug/l	92
40) Benzene	8.612	78	8907559	1284.397	ug/l	100
41) Methacrylonitrile	7.794	41	15414	14.782	ug/l #	39
42) 1,2-Dichloroethane	8.612	62	75129	32.346	ug/l #	75
43) Isopropyl Acetate	8.694	43	22555	6.889	ug/l #	83
45) 1,2-Dichloropropane	9.641	63	2024	1.225	ug/l #	42
48) Methyl methacrylate	9.653	41	17098	11.295	ug/l #	39
49) 1,4-Dioxane	9.700	88	9594	223.194	ug/l #	28
51) 4-Methyl-2-Pentanone	10.447	43	40207	19.282	ug/l	100
52) Toluene	10.635	92	8823593	1974.346	ug/l	97
53) t-1,3-Dichloropropene	10.747	75	46379	19.084	ug/l #	52
54) cis-1,3-Dichloropropene	10.294	75	11873	4.498	ug/l #	1
55) 1,1,2-Trichloroethane	11.006	97	2047	1.125	ug/l #	24

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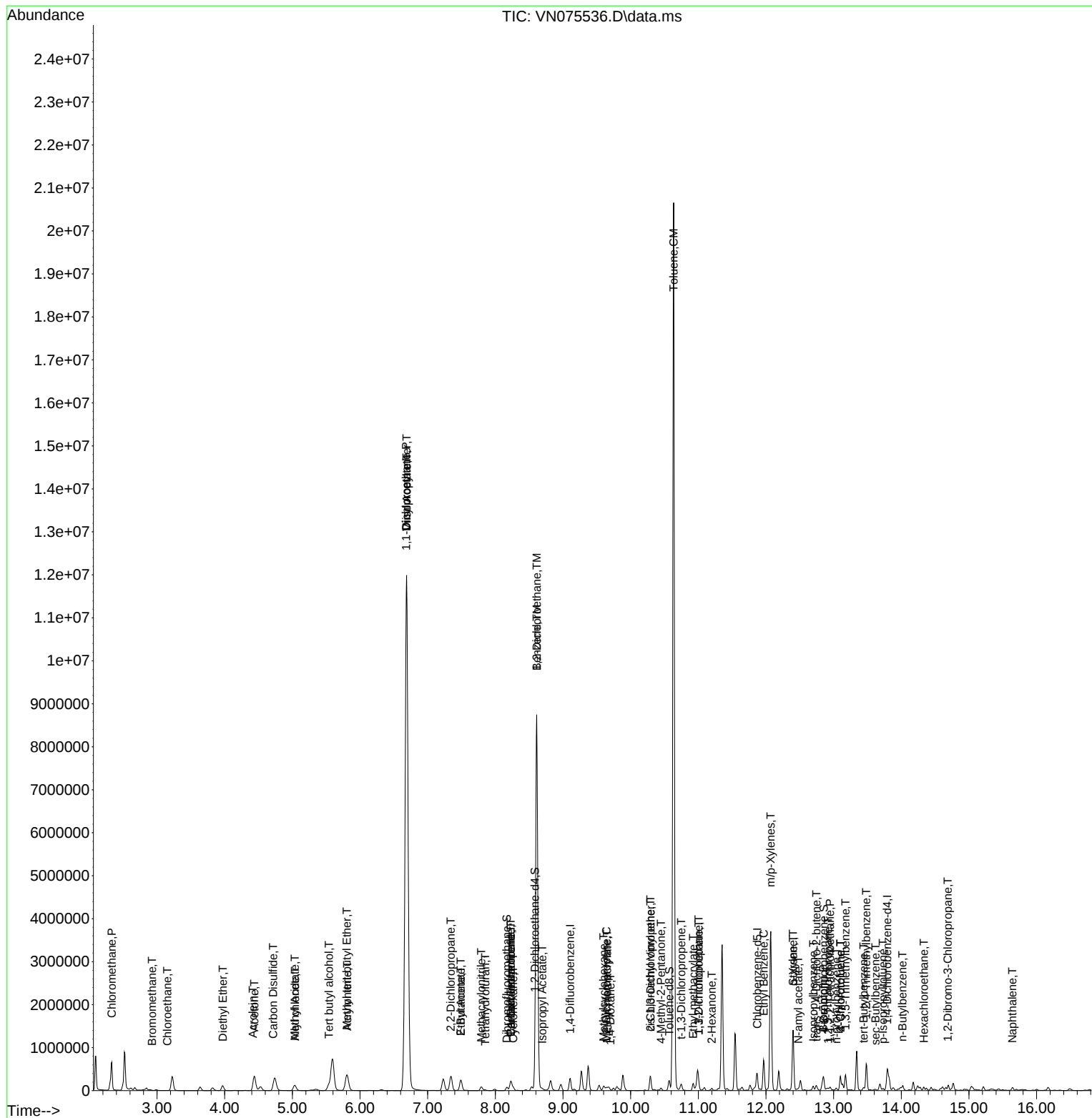
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Ethyl methacrylate	10.924	69	1387	0.564	ug/l #	1
57) 1,3-Dichloropropane	11.006	76	4807	1.620	ug/l #	45
58) 2-Chloroethyl Vinyl ether	10.294	63	14913	16.821	ug/l	97
59) 2-Hexanone	11.200	43	32522	20.771	ug/l	75
67) Ethyl Benzene	11.965	91	527237	60.118	ug/l	100
68) m/p-Xylenes	12.071	106	1205281	338.426	ug/l	99
69) o-Xylene	12.400	106	407600	115.189	ug/l	99
70) Styrene	12.400	104	21254	3.808	ug/l #	1
71) Bromoform	12.847	173	715	0.490	ug/l #	28
73) Isopropylbenzene	12.700	105	65967	7.073	ug/l	97
74) N-amyl acetate	12.476	43	22720	7.924	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.947	83	2647	0.931	ug/l #	26
76) 1,2,3-Trichloropropane	12.918	75	3794	1.572	ug/l #	1
78) n-propylbenzene	13.041	91	41561	3.993	ug/l	99
79) 2-Chlorotoluene	13.100	91	32629	5.203	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.176	105	211125	27.248	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	7349	9.009	ug/l #	49
82) 4-Chlorotoluene	13.100	91	32629	5.203	ug/l #	41
83) tert-Butylbenzene	13.441	119	12507	1.770	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	368772	47.450	ug/l	99
85) sec-Butylbenzene	13.617	105	13246	1.382	ug/l #	73
86) p-Isopropyltoluene	13.729	119	21043	2.609	ug/l	95
89) n-Butylbenzene	14.017	91	20115	2.953	ug/l #	1
90) Hexachloroethane	14.335	117	4839	3.478	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	14.688	75	670	1.244	ug/l #	2
95) Naphthalene	15.641	128	48982	7.145	ug/l	99

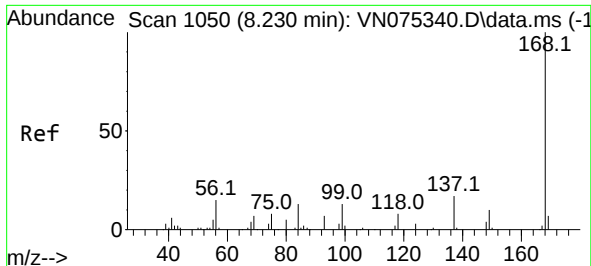
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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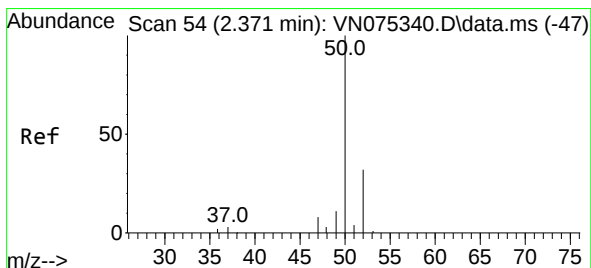
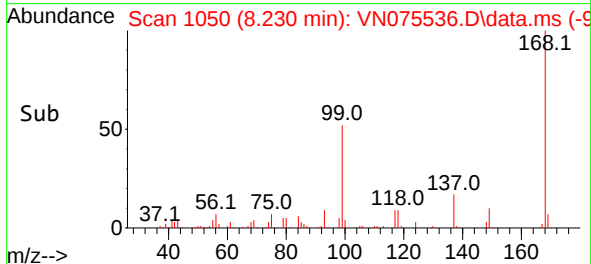
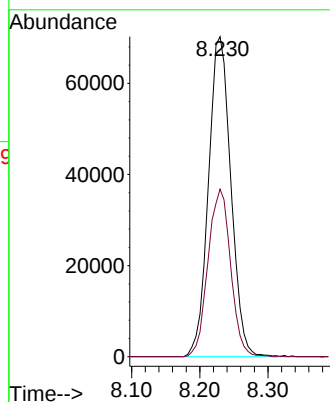
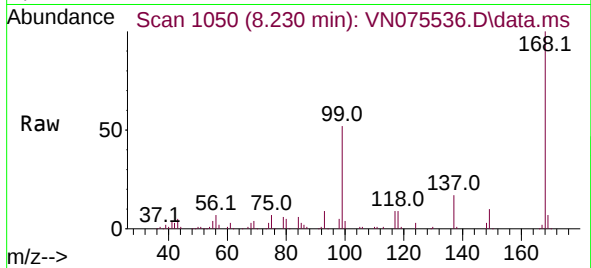




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

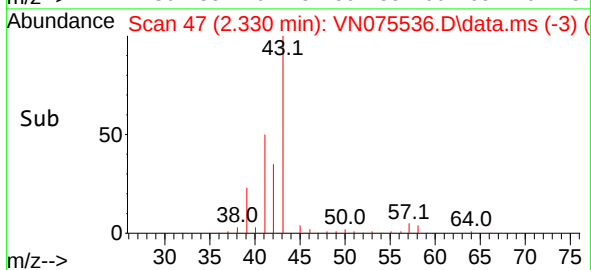
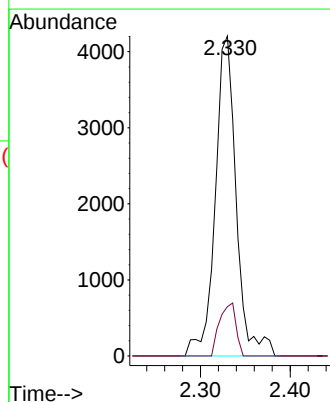
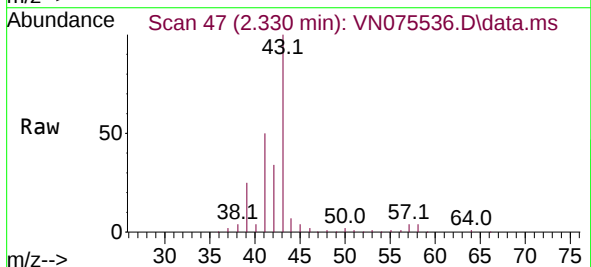
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MSVOA_N
ClientSampleId :
JAM-VRG-1201

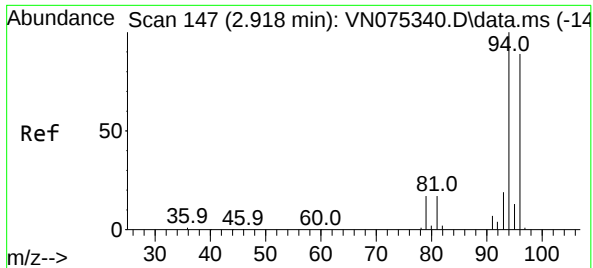
Tgt Ion:168 Resp: 160793
Ion Ratio Lower Upper
168 100
99 52.3 51.6 77.4



#3
Chloromethane
Concen: 4.451 ug/l
RT: 2.330 min Scan# 47
Delta R.T. -0.041 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion: 50 Resp: 6809
Ion Ratio Lower Upper
50 100
52 15.4 25.8 38.6#

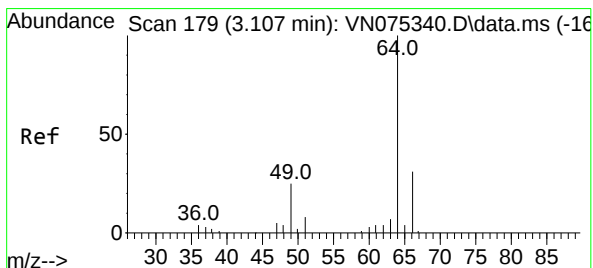
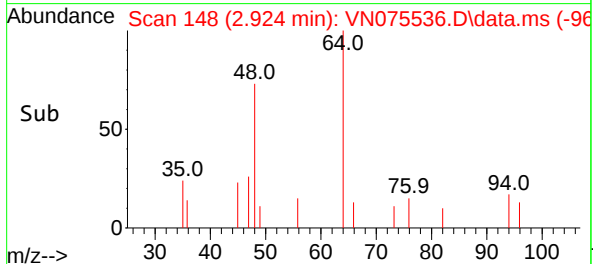
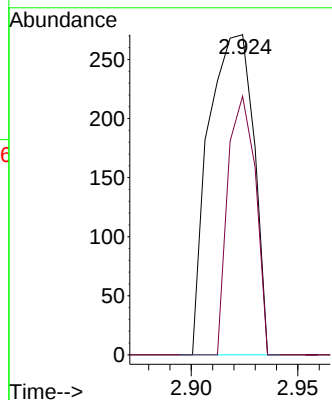
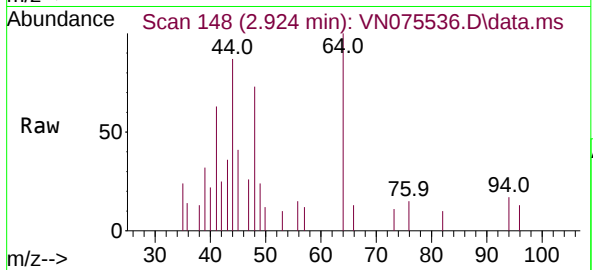




#5
Bromomethane
Concen: 0.235 ug/l
RT: 2.924 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

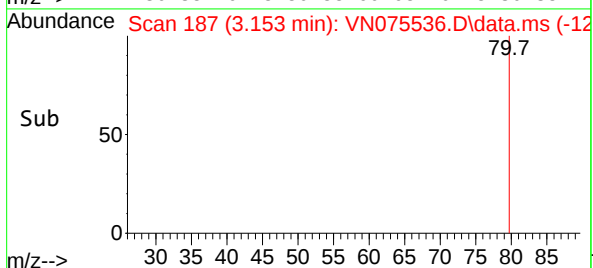
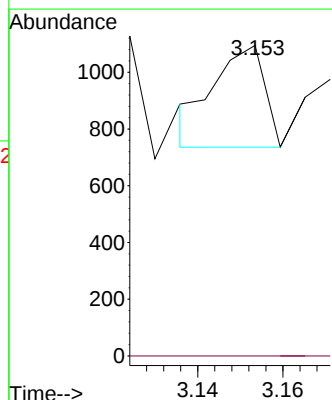
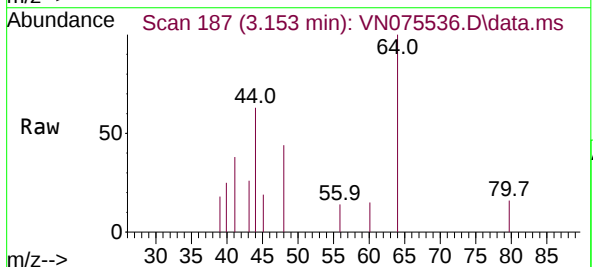
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ClientSampleId :
JAM-VRG-1201

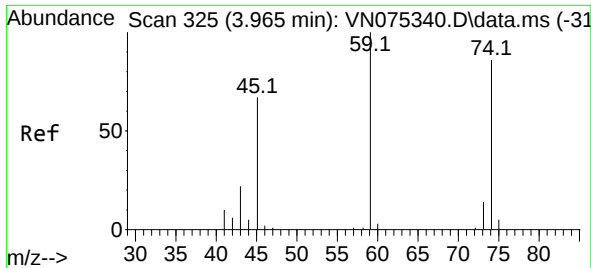
Tgt Ion: 94 Resp: 398
Ion Ratio Lower Upper
94 100
96 80.8 71.8 107.6



#6
Chloroethane
Concen: 0.201 ug/l
RT: 3.153 min Scan# 187
Delta R.T. 0.046 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion: 64 Resp: 293
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#





#8

Diethyl Ether

Concen: 80.825 ug/l

RT: 3.971 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN075536.D

Acq: 02 Dec 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

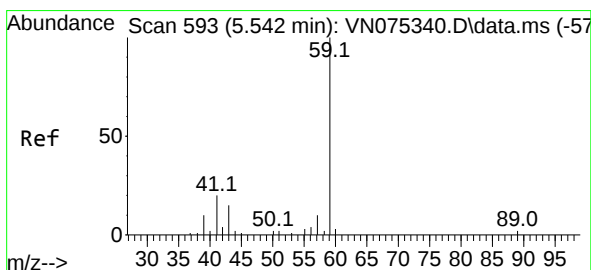
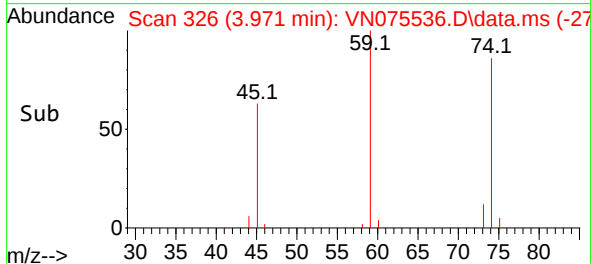
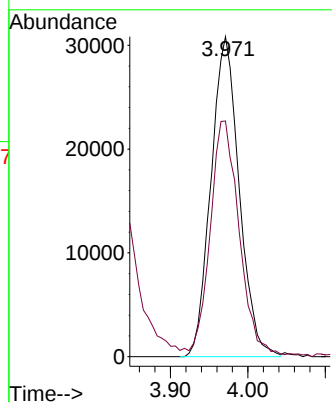
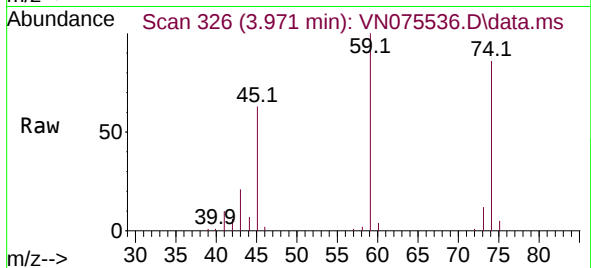
JAM-VRG-1201

Tgt Ion: 74 Resp: 78030

Ion Ratio Lower Upper

74 100

45 74.3 39.3 117.9



#11

Tert butyl alcohol

Concen: 973.114 ug/l

RT: 5.542 min Scan# 593

Delta R.T. -0.000 min

Lab File: VN075536.D

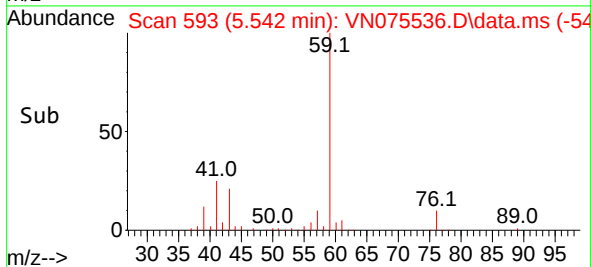
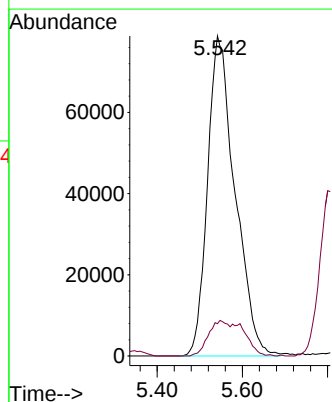
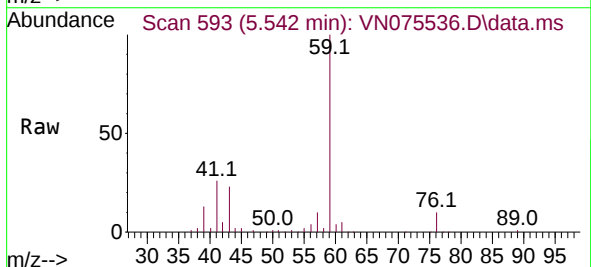
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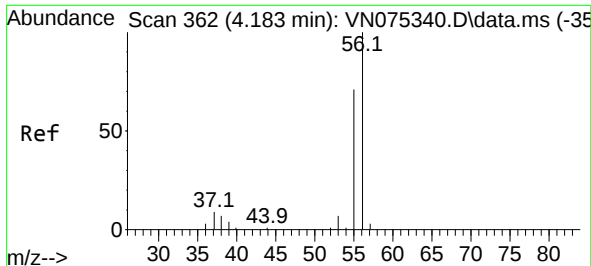
Tgt Ion: 59 Resp: 352585

Ion Ratio Lower Upper

59 100

57 8.3 8.5 12.7#





#13

Acrolein

Concen: 14.415 ug/l

RT: 4.418 min Scan# 402

Delta R.T. 0.235 min

Lab File: VN075536.D

Acq: 02 Dec 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

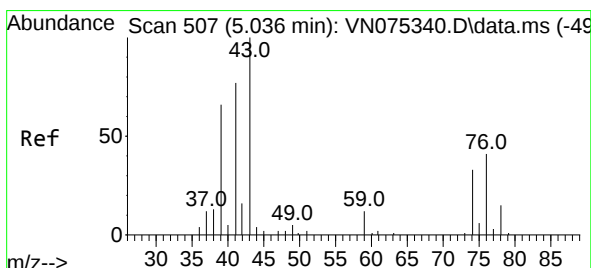
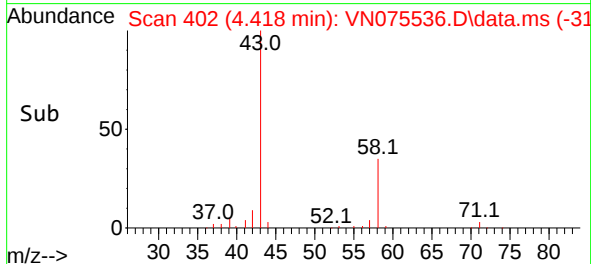
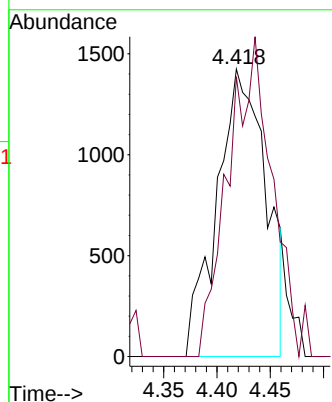
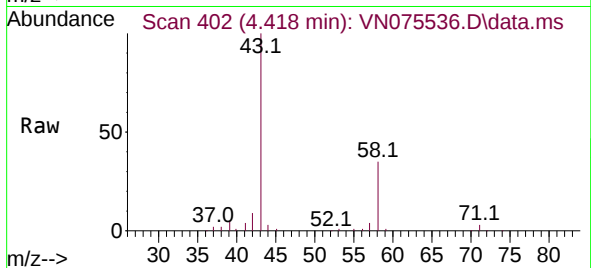
JAM-VRG-1201

Tgt Ion: 56 Resp: 4550

Ion Ratio Lower Upper

56 100

55 92.1 55.2 82.8#



#14

Allyl chloride

Concen: 2.297 ug/l

RT: 5.042 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN075536.D

Acq: 02 Dec 2022 16:53

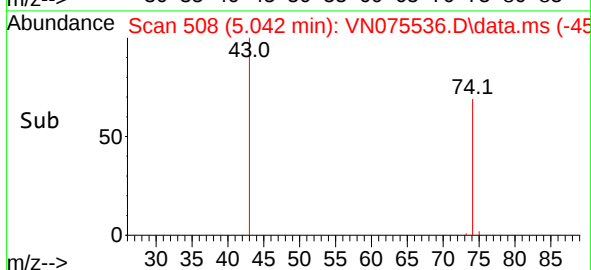
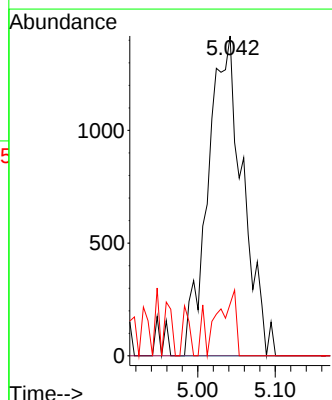
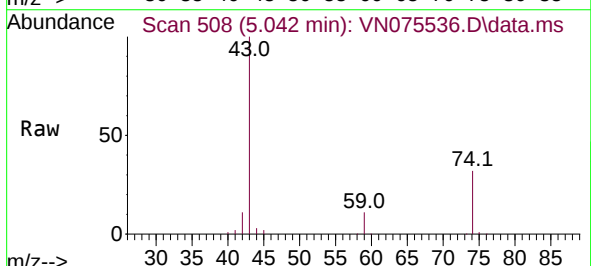
Tgt Ion: 41 Resp: 4425

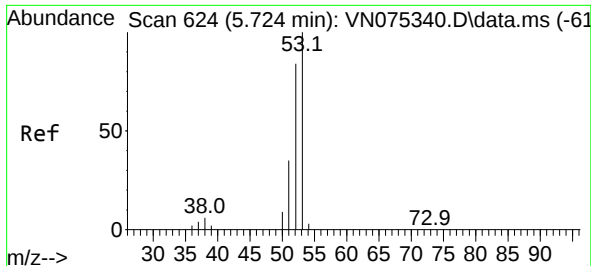
Ion Ratio Lower Upper

41 100

39 0.0 61.0 91.4#

76 9.9 33.4 50.0#

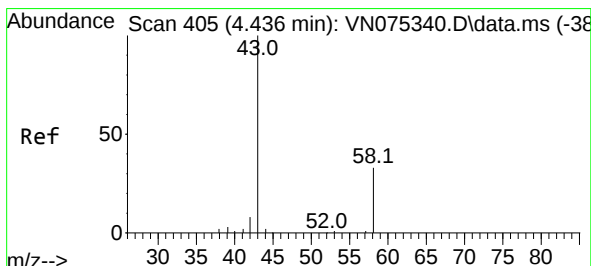
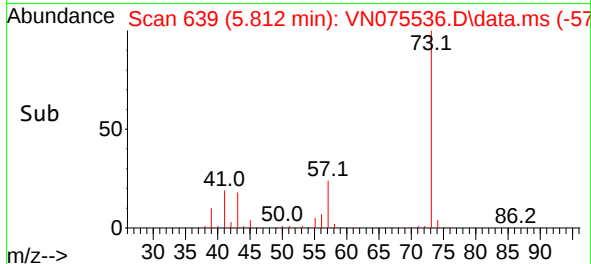
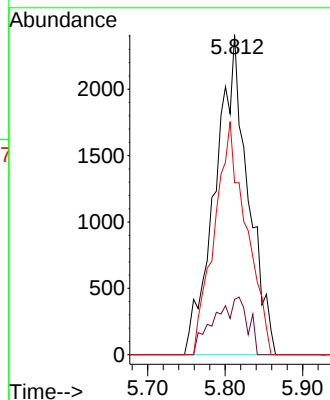
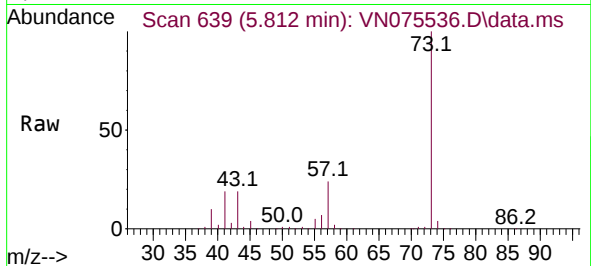




#15
Acrylonitrile
Concen: 8.513 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.088 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

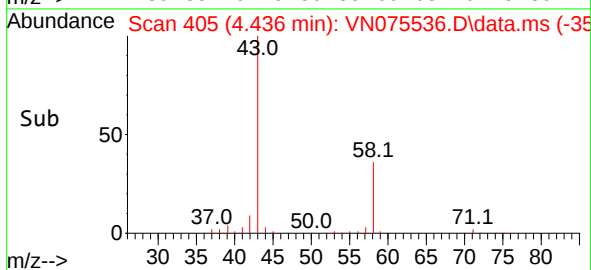
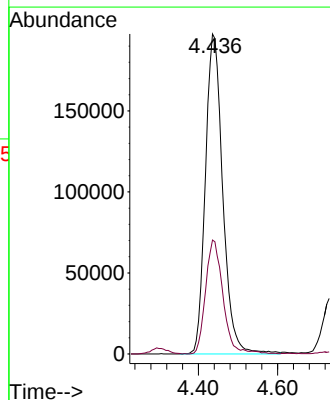
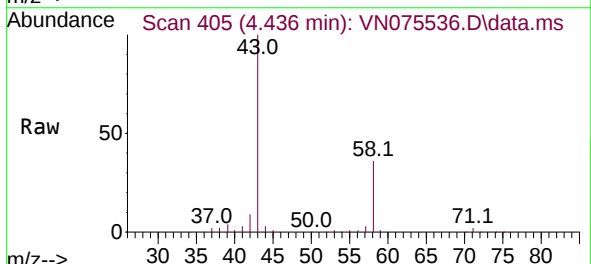
Instrument :
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JAM-VRG-1201

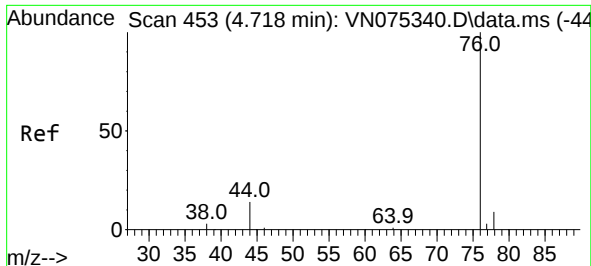
Tgt Ion: 53 Resp: 7077
Ion Ratio Lower Upper
53 100
52 18.4 66.4 99.6#
51 70.8 29.6 44.4#



#16
Acetone
Concen: 746.495 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion: 43 Resp: 600984
Ion Ratio Lower Upper
43 100
58 35.5 25.5 38.3

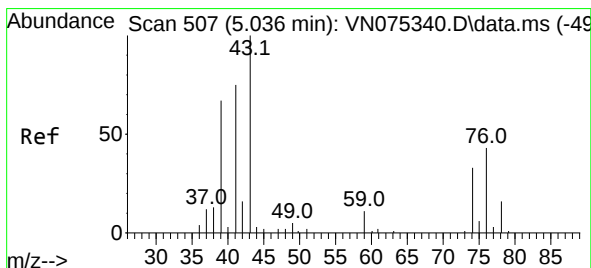
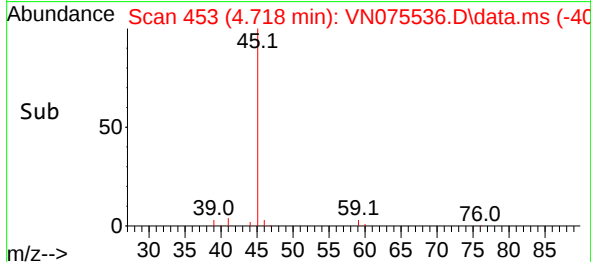
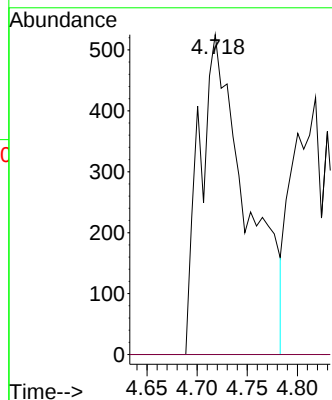
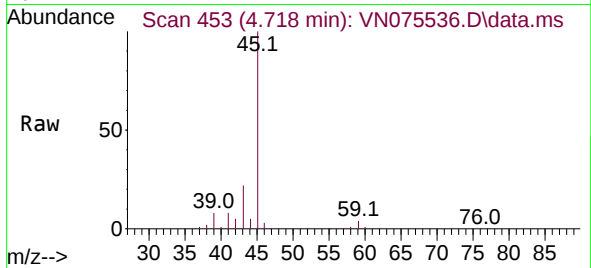




#17
Carbon Disulfide
Concen: 0.441 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

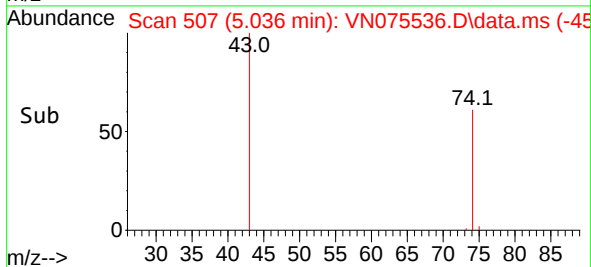
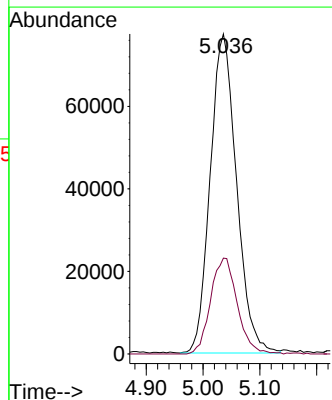
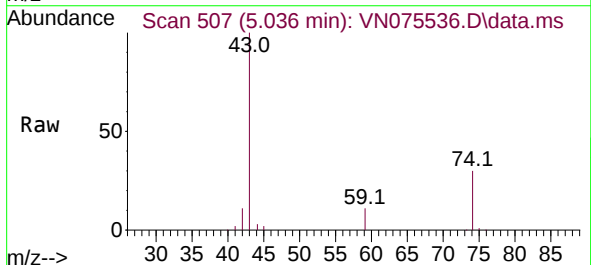
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

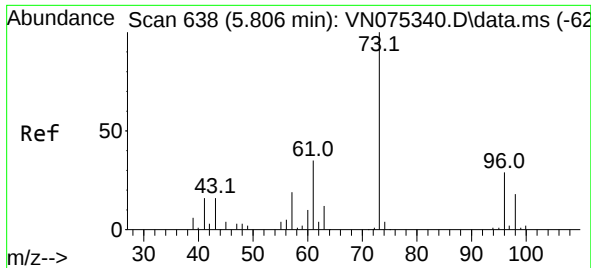
Tgt Ion: 76 Resp: 1706
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#18
Methyl Acetate
Concen: 124.592 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion: 43 Resp: 248950
Ion Ratio Lower Upper
43 100
74 30.4 22.0 33.0

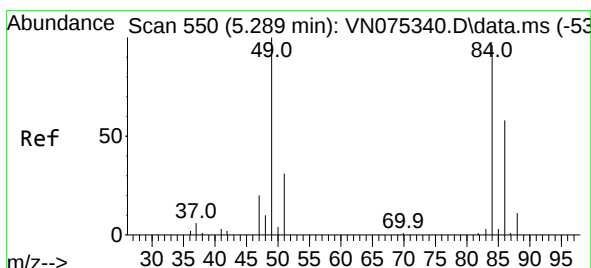
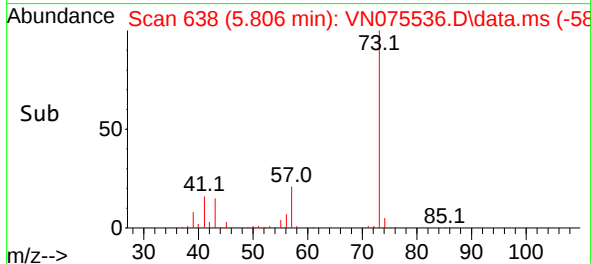
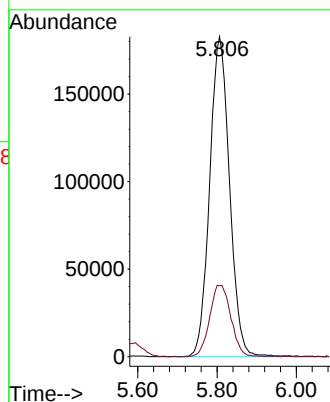
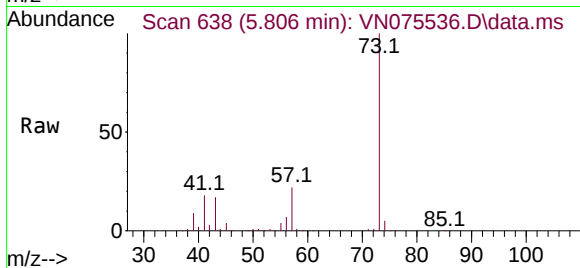




#19
Methyl tert-butyl Ether
Concen: 120.377 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

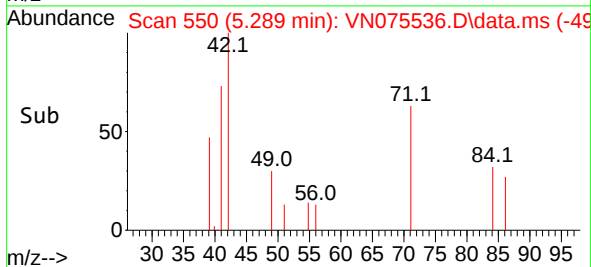
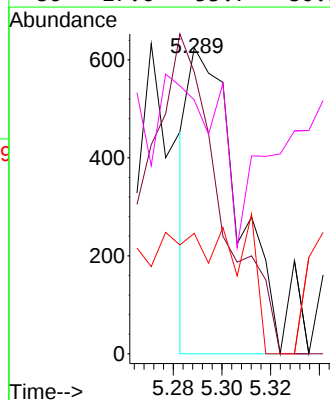
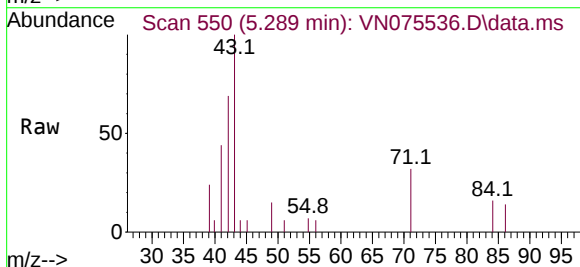
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

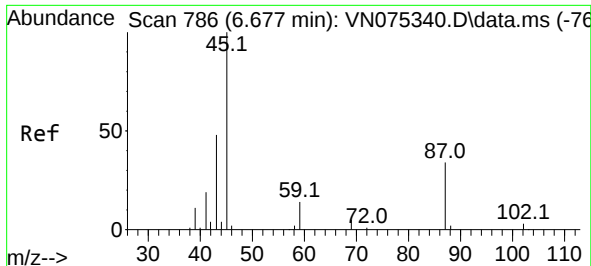
Tgt Ion: 73 Resp: 634968
Ion Ratio Lower Upper
73 100
57 22.1 16.3 24.5



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion: 84 Resp: 863
Ion Ratio Lower Upper
84 100
49 92.0 94.9 142.3#
51 39.4 26.8 40.2
86 17.6 53.7 80.5#

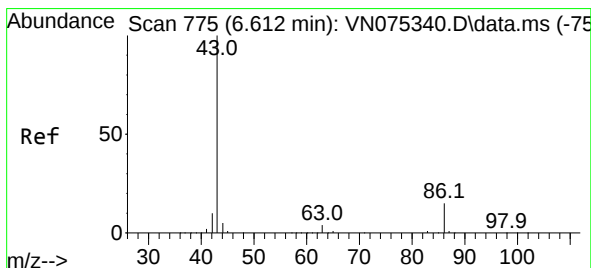
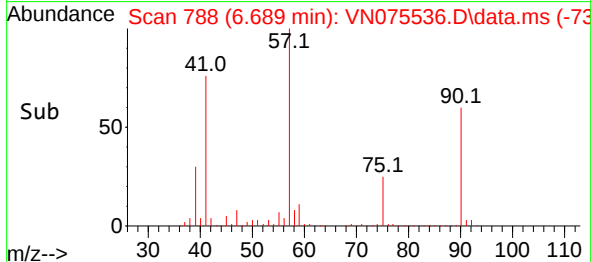
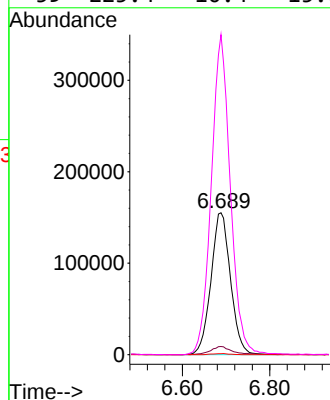
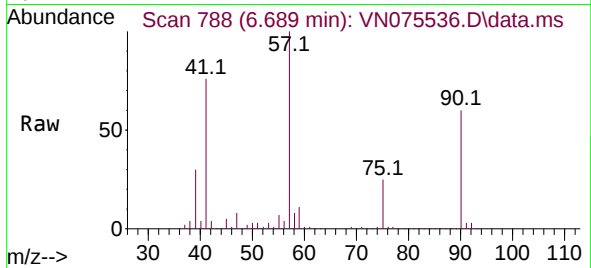




#22
Diisopropyl ether
Concen: 109.724 ug/l
RT: 6.689 min Scan# 786
Delta R.T. 0.012 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

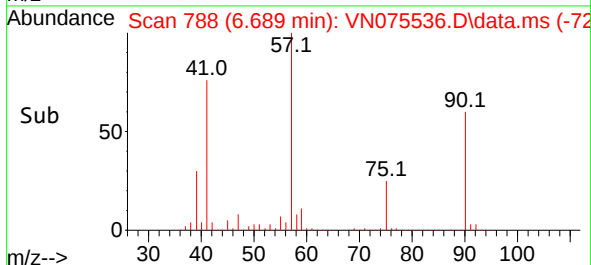
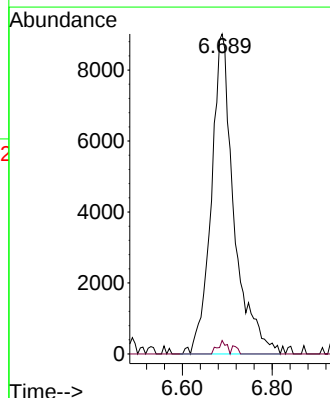
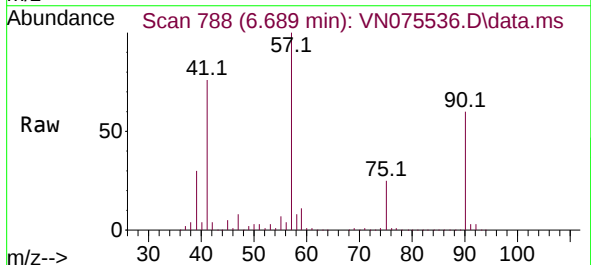
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

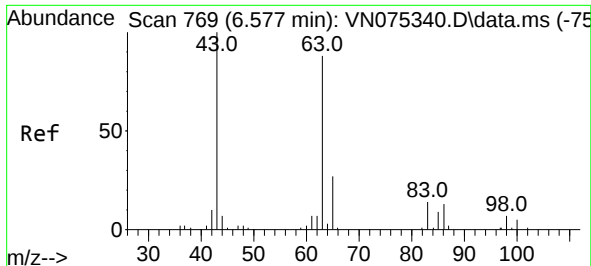
Tgt Ion: 45 Resp: 482273
Ion Ratio Lower Upper
45 100
43 5.8 42.8 64.2#
87 0.7 28.4 42.6#
59 225.4 10.4 15.6#



#23
Vinyl Acetate
Concen: 9.072 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.077 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion: 43 Resp: 31723
Ion Ratio Lower Upper
43 100
86 4.2 10.7 16.1#

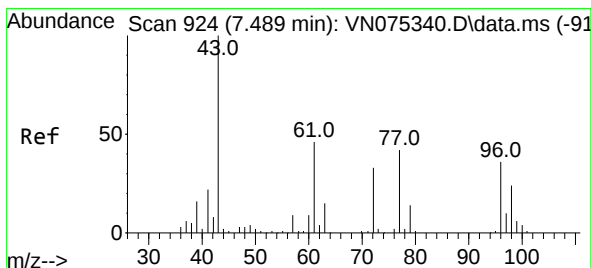
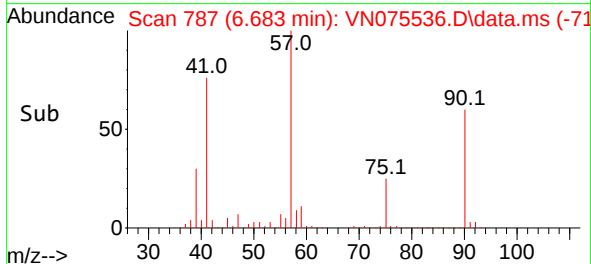
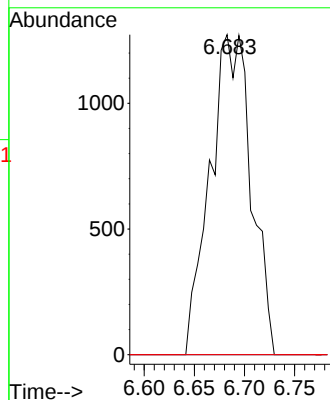
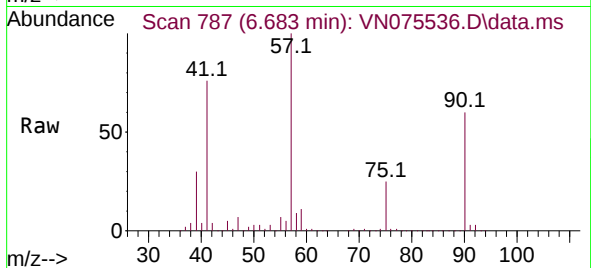




#24
1,1-Dichloroethane
Concen: 1.294 ug/l
RT: 6.683 min Scan# 71
Delta R.T. 0.106 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

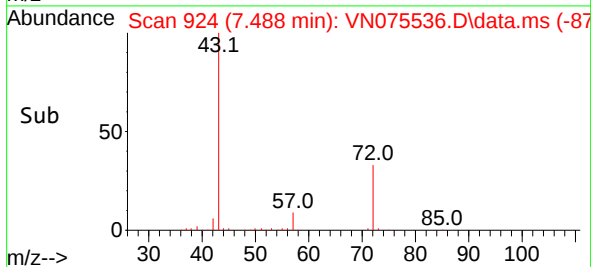
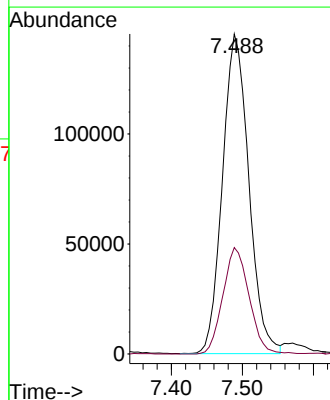
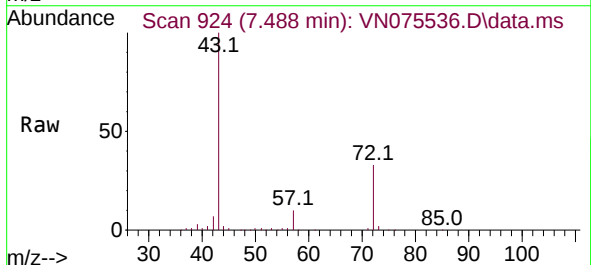
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

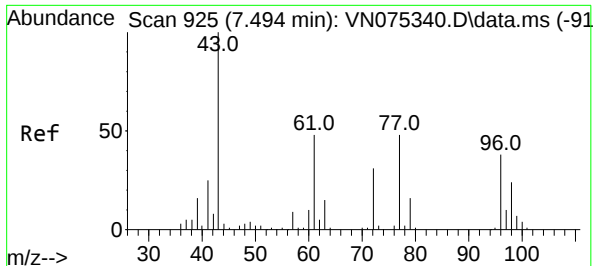
Tgt Ion: 63 Resp: 3650
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.8#
100 0.0 2.4 7.2#



#25
2-Butanone
Concen: 333.105 ug/l
RT: 7.488 min Scan# 924
Delta R.T. -0.001 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion: 43 Resp: 374405
Ion Ratio Lower Upper
43 100
72 33.3 25.5 38.3





#26

2,2-Dichloropropane

Concen: 3.241 ug/l

RT: 7.341 min Scan# 899

Delta R.T. -0.153 min

Lab File: VN075536.D

Acq: 02 Dec 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

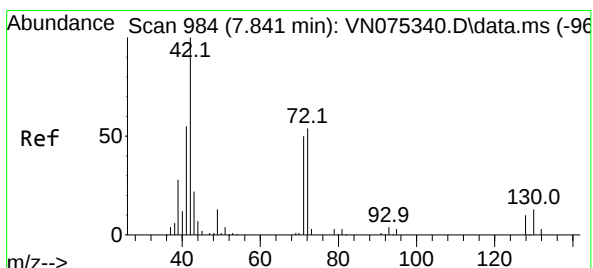
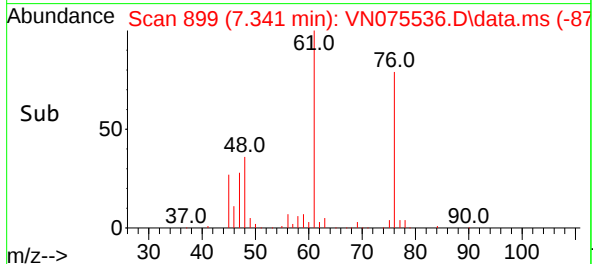
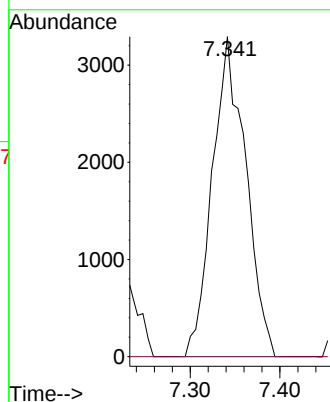
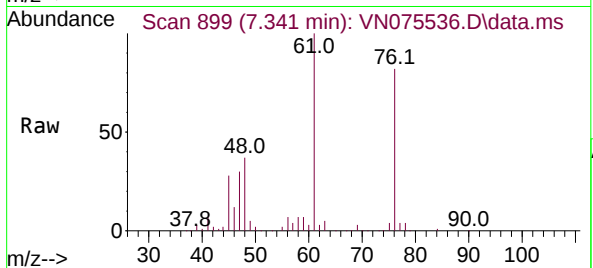
JAM-VRG-1201

Tgt Ion: 77 Resp: 8498

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.6#



#29

Tetrahydrofuran

Concen: 17.235 ug/l

RT: 7.853 min Scan# 986

Delta R.T. 0.012 min

Lab File: VN075536.D

Acq: 02 Dec 2022 16:53

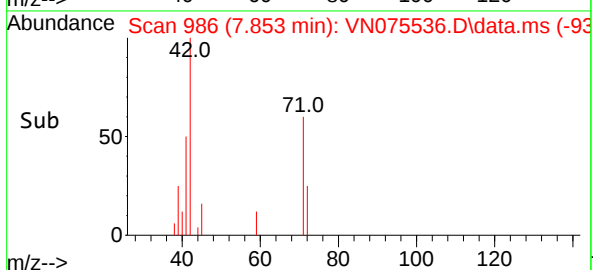
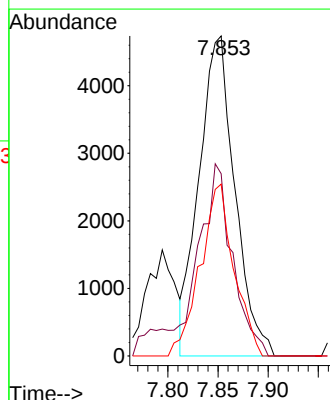
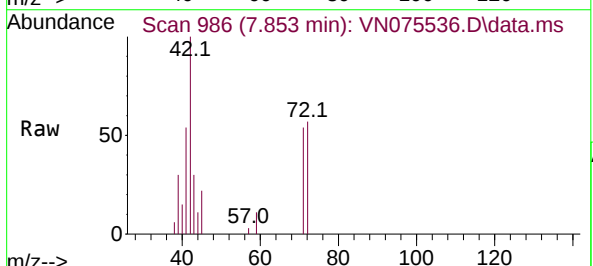
Tgt Ion: 42 Resp: 11783

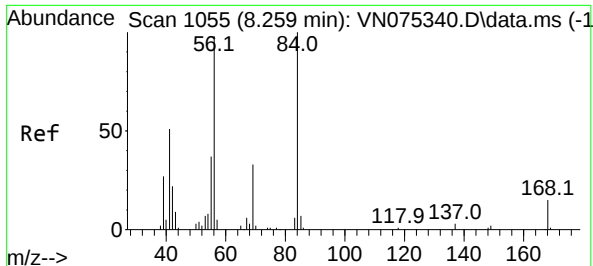
Ion Ratio Lower Upper

42 100

72 63.4 43.0 64.6

71 50.4 39.9 59.9

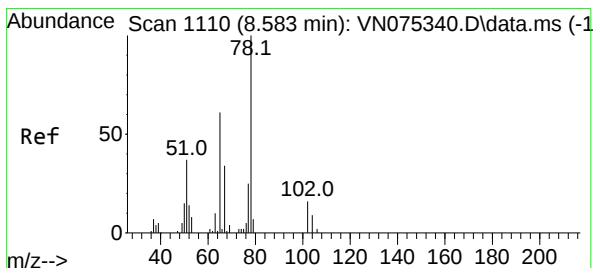
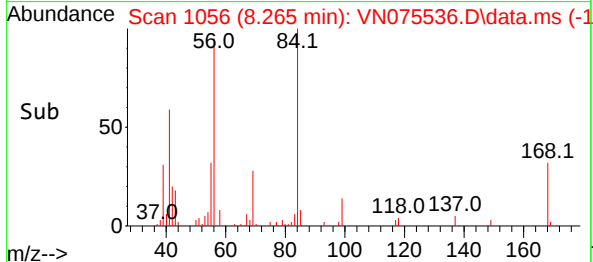
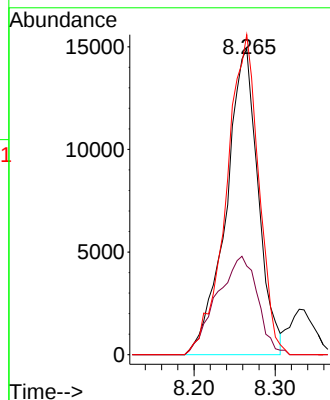
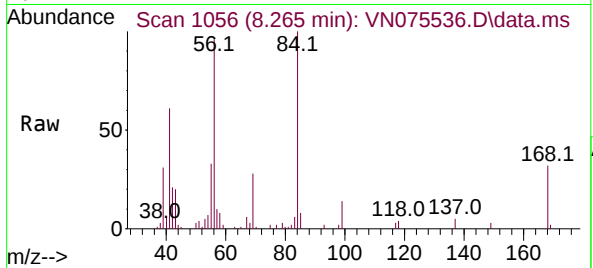




#31
Cyclohexane
Concen: 14.987 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

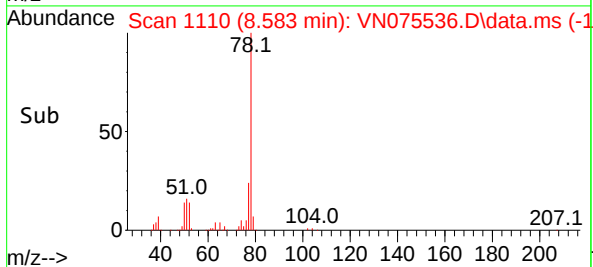
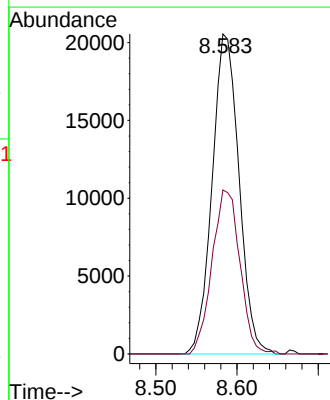
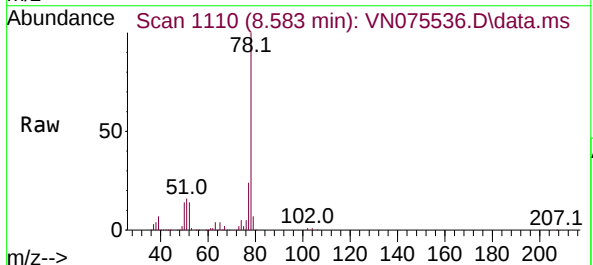
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

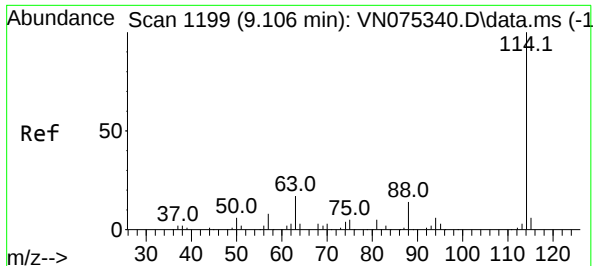
Tgt Ion: 56 Resp: 41098
Ion Ratio Lower Upper
56 100
69 29.0 25.2 37.8
84 104.7 77.8 116.8



#33
1,2-Dichloroethane-d4
Concen: 54.667 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion: 65 Resp: 47184
Ion Ratio Lower Upper
65 100
67 53.2 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075536.D

Acq: 02 Dec 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

JAM-VRG-1201

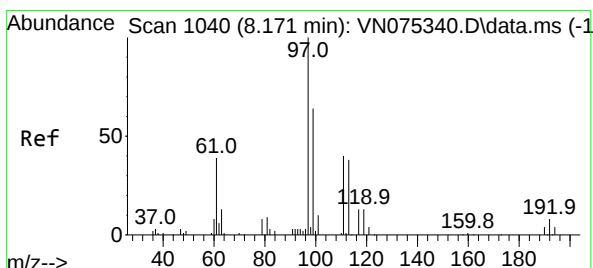
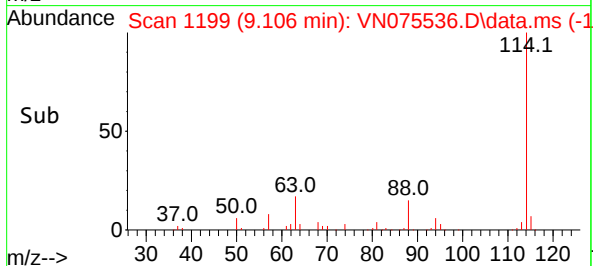
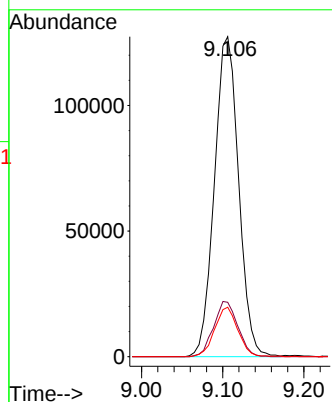
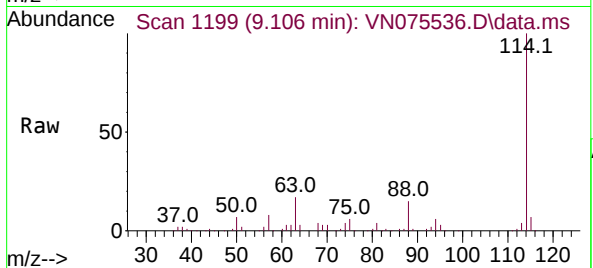
Tgt Ion:114 Resp: 264411

Ion Ratio Lower Upper

114 100

63 17.0 0.0 39.6

88 15.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.325 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075536.D

Acq: 02 Dec 2022 16:53

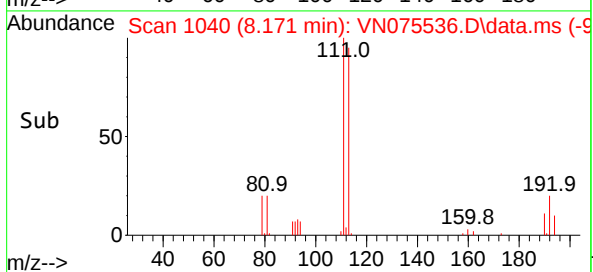
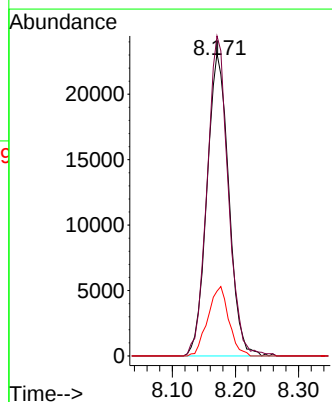
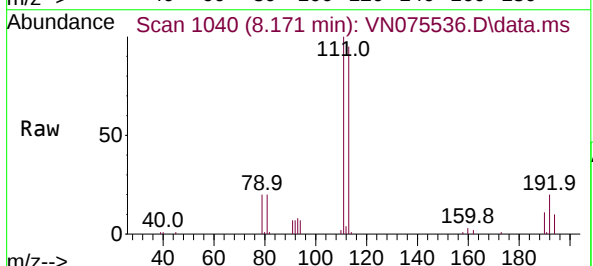
Tgt Ion:113 Resp: 55388

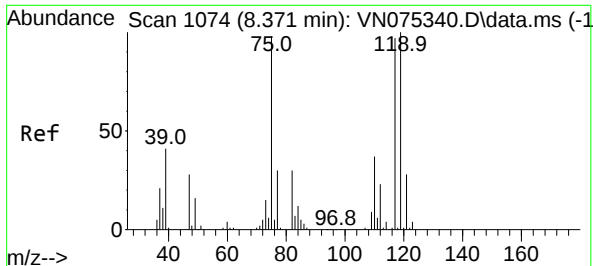
Ion Ratio Lower Upper

113 100

111 102.9 80.5 120.7

192 22.1 13.2 19.8#

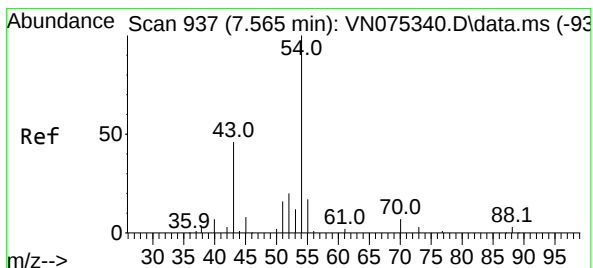
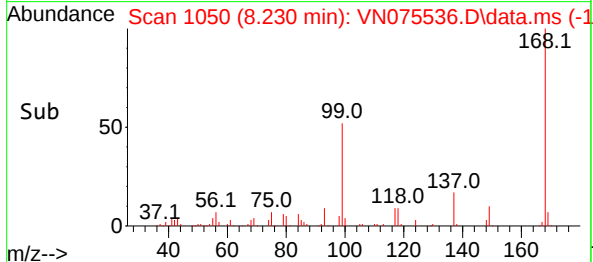
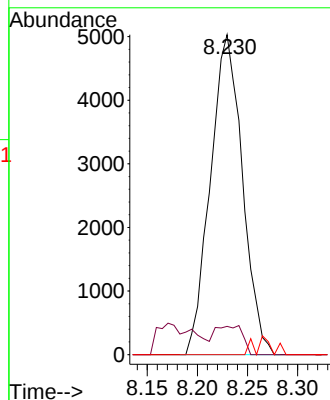
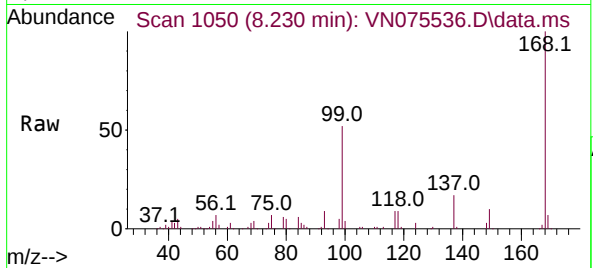




#36
1,1-Dichloropropene
Concen: 4.926 ug/l
RT: 8.230 min Scan# 11157
Delta R.T. -0.141 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

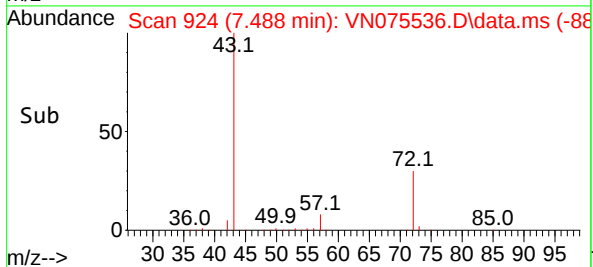
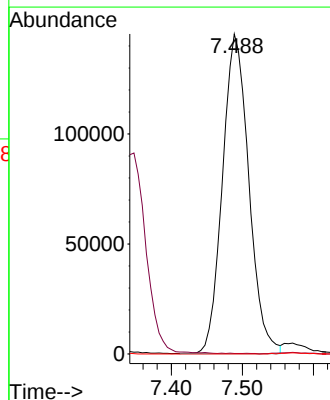
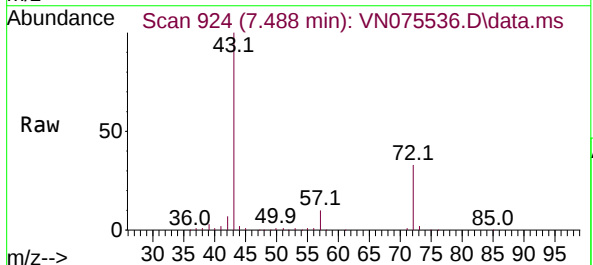
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

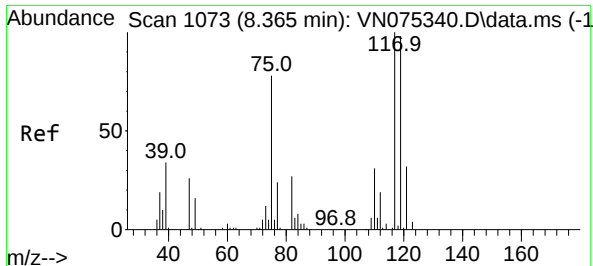
Tgt Ion: 75 Resp: 11157
Ion Ratio Lower Upper
75 100
110 7.6 17.8 53.3#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 183.568 ug/l
RT: 7.488 min Scan# 924
Delta R.T. -0.077 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion: 43 Resp: 374405
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.4#
70 0.0 9.4 14.2#

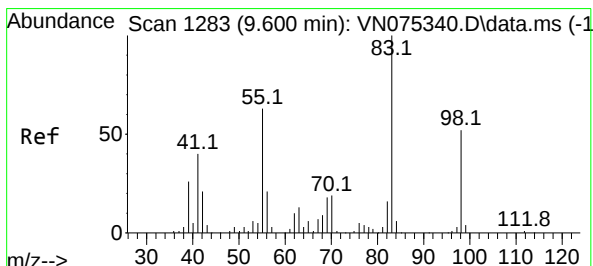
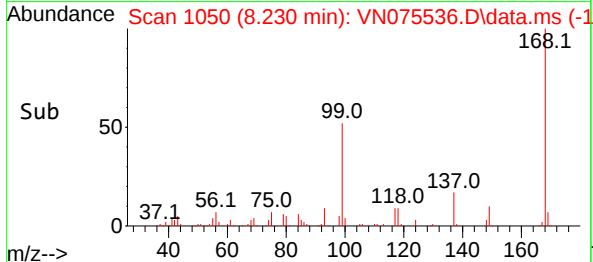
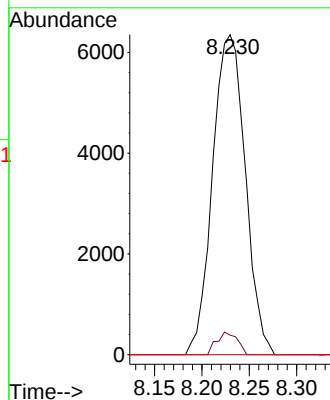
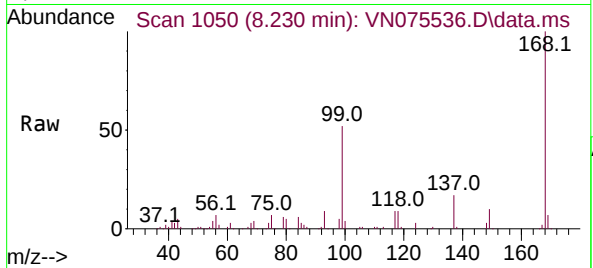




#38
Carbon Tetrachloride
Concen: 6.133 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

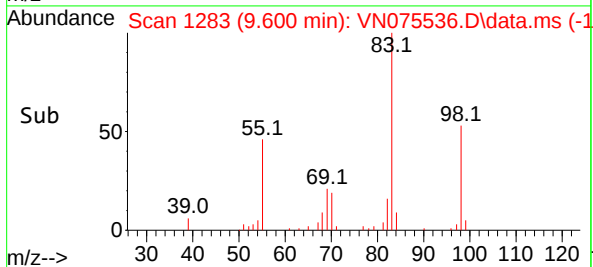
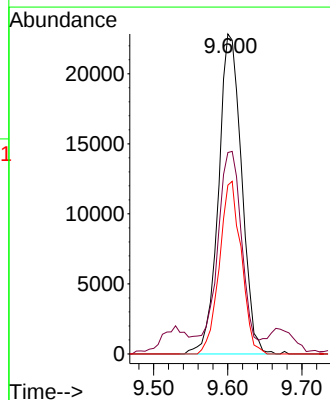
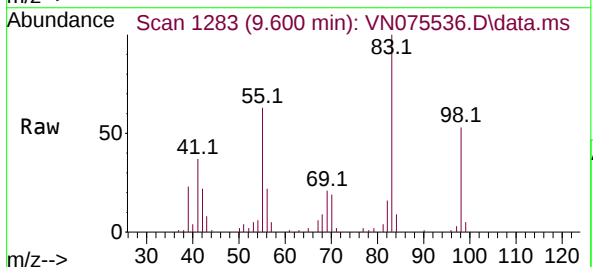
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

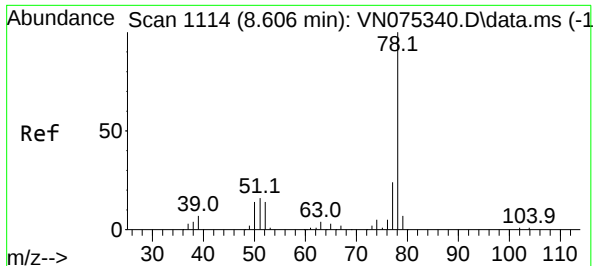
Tgt Ion:117 Resp: 15260
Ion Ratio Lower Upper
117 100
119 6.1 76.7 115.1#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 17.483 ug/l
RT: 9.600 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion: 83 Resp: 49562
Ion Ratio Lower Upper
83 100
55 56.2 53.6 80.4
98 52.7 41.1 61.7

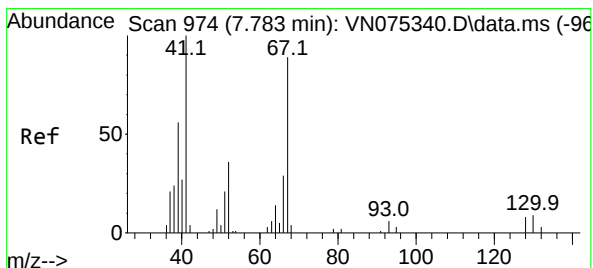
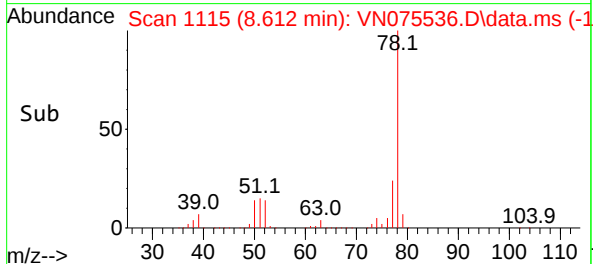
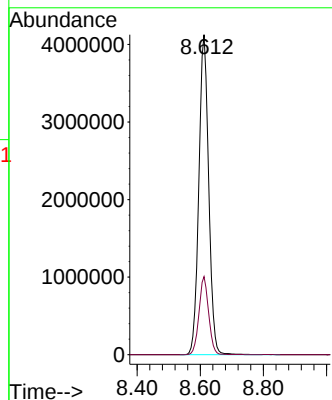
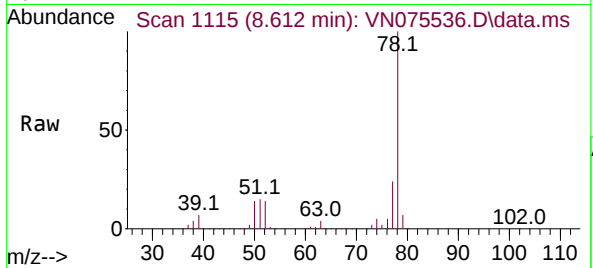




#40
Benzene
Concen: 1284.397 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

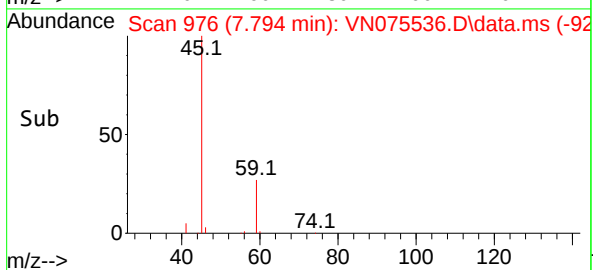
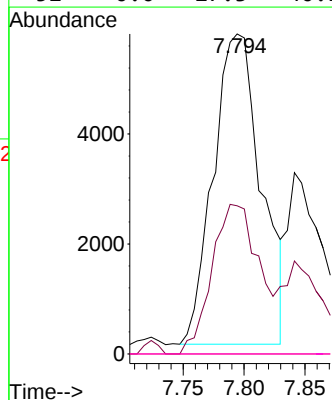
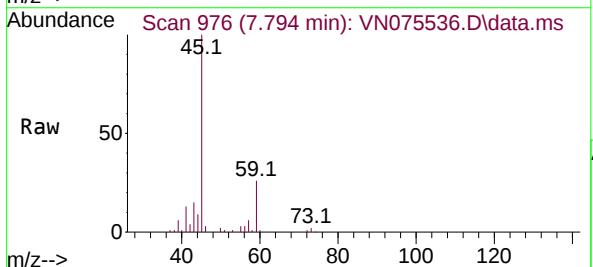
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

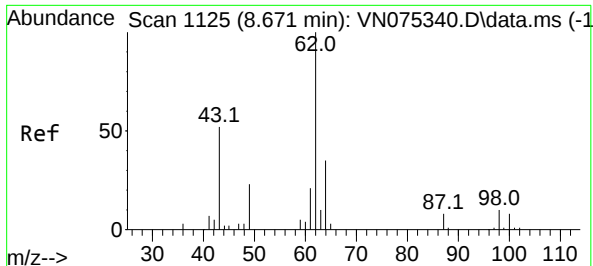
Tgt Ion: 78 Resp: 8907559
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0



#41
Methacrylonitrile
Concen: 14.782 ug/l
RT: 7.794 min Scan# 976
Delta R.T. 0.011 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion: 41 Resp: 15414
Ion Ratio Lower Upper
41 100
39 47.5 44.4 66.6
67 0.0 69.8 104.6#
52 0.0 27.3 40.9#





#42

1,2-Dichloroethane

Concen: 32.346 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.059 min

Lab File: VN075536.D

Acq: 02 Dec 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

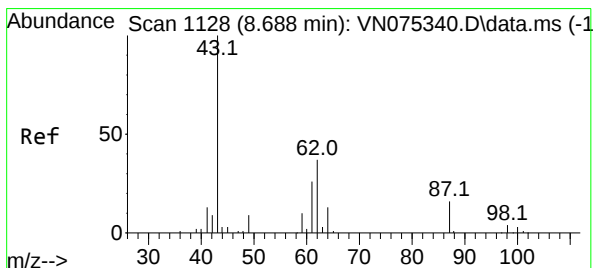
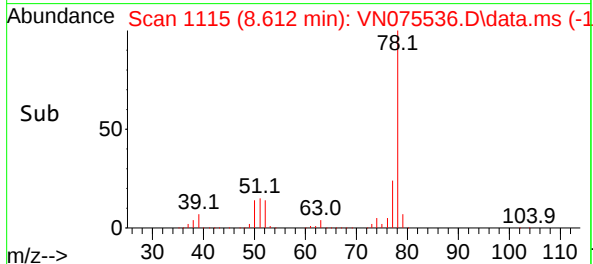
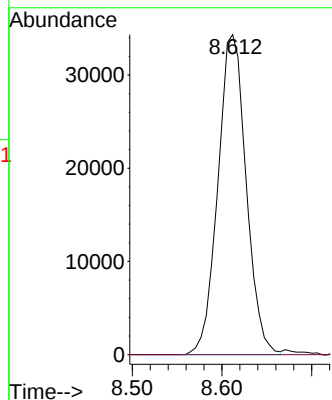
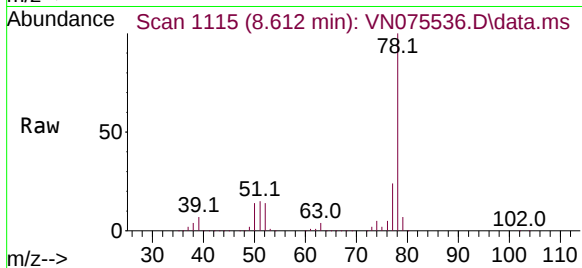
JAM-VRG-1201

Tgt Ion: 62 Resp: 75129

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2



#43

Isopropyl Acetate

Concen: 6.889 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075536.D

Acq: 02 Dec 2022 16:53

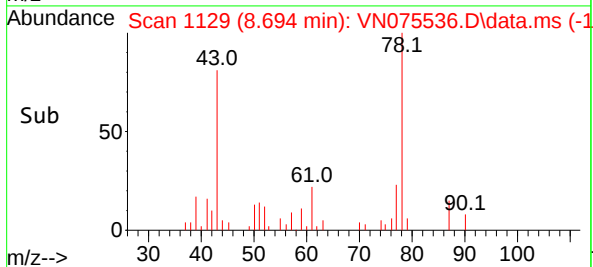
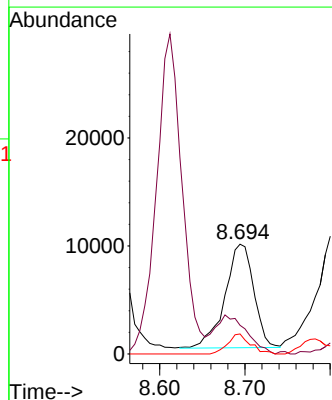
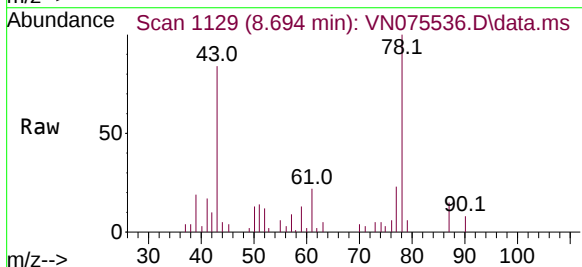
Tgt Ion: 43 Resp: 22555

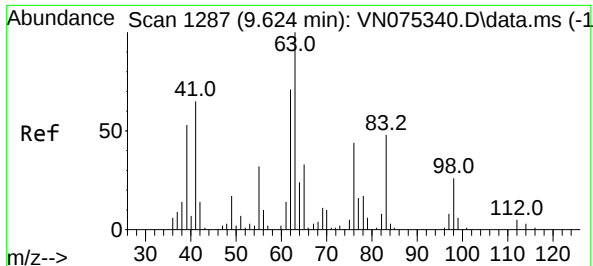
Ion Ratio Lower Upper

43 100

61 41.5 22.4 33.6#

87 15.1 12.5 18.7





#45

1,2-Dichloropropane

Concen: 1.225 ug/l

RT: 9.641 min Scan# 11

Delta R.T. 0.017 min

Lab File: VN075536.D

Acq: 02 Dec 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

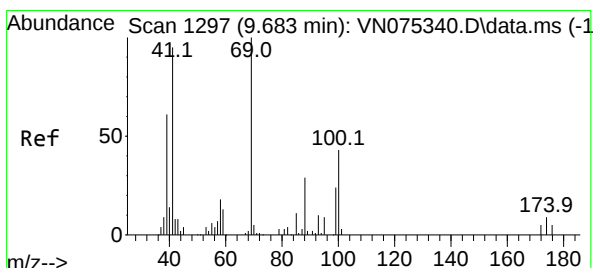
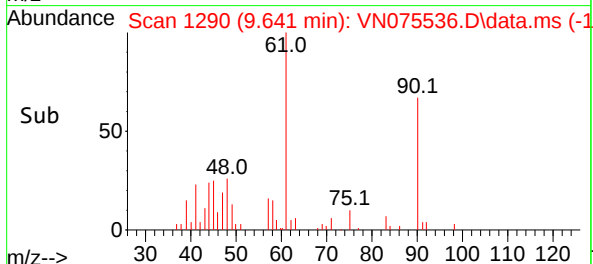
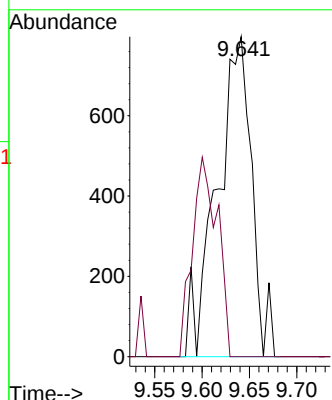
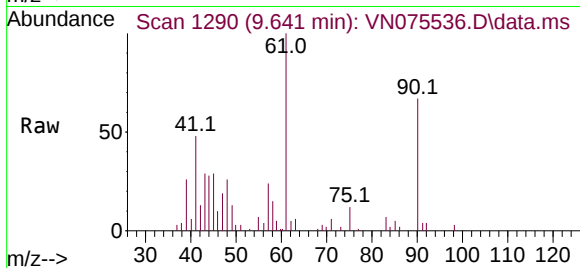
JAM-VRG-1201

Tgt Ion: 63 Resp: 2024

Ion Ratio Lower Upper

63 100

65 0.0 26.1 39.1#



#48

Methyl methacrylate

Concen: 11.295 ug/l

RT: 9.653 min Scan# 1292

Delta R.T. -0.030 min

Lab File: VN075536.D

Acq: 02 Dec 2022 16:53

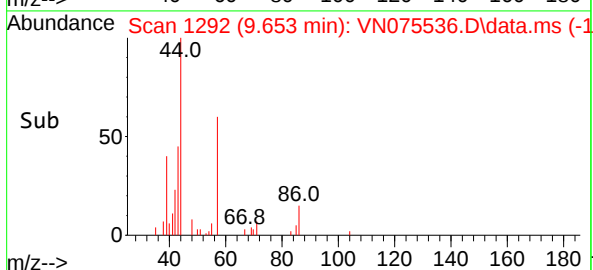
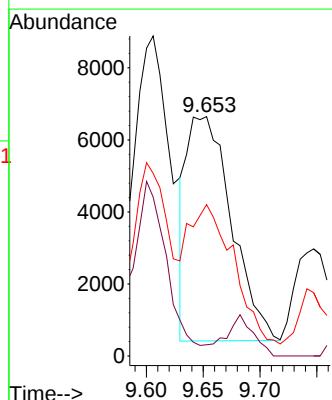
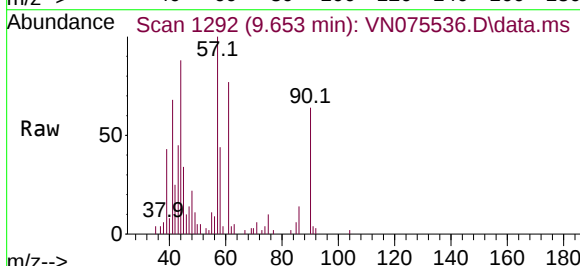
Tgt Ion: 41 Resp: 17098

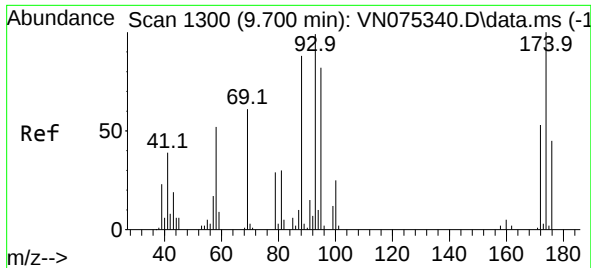
Ion Ratio Lower Upper

41 100

69 0.0 80.2 120.2#

39 66.3 56.2 84.2

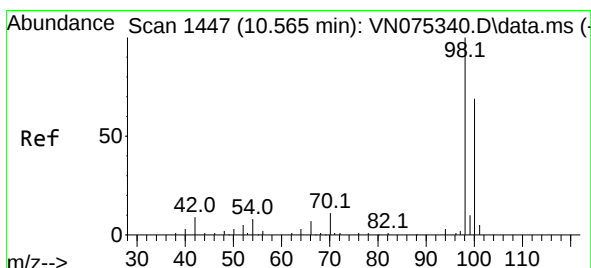
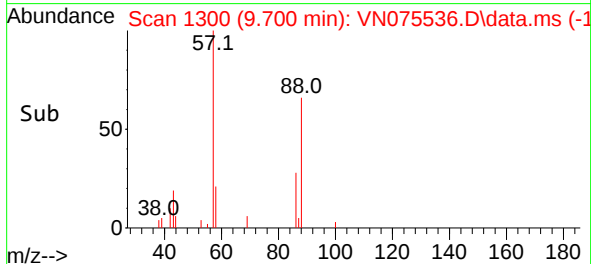
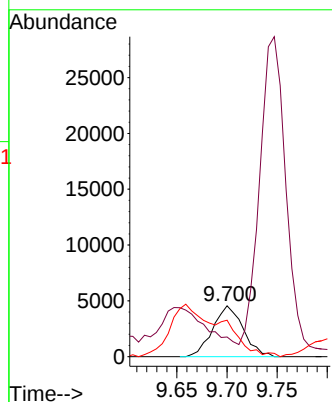
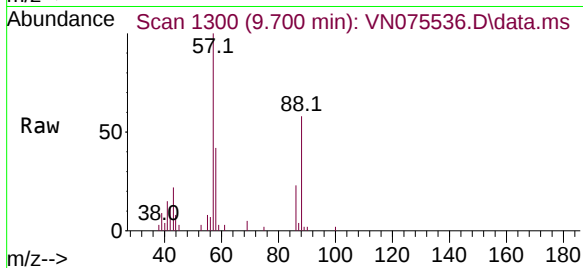




#49
1,4-Dioxane
Concen: 223.194 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

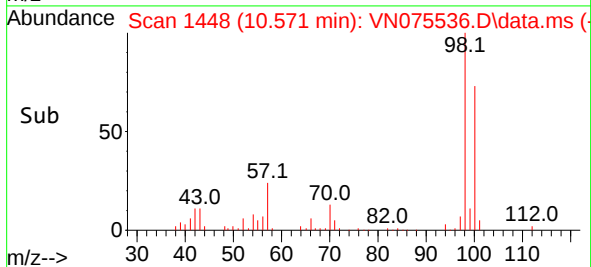
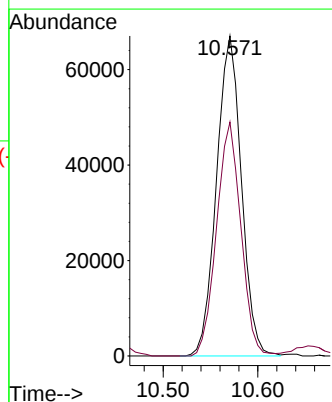
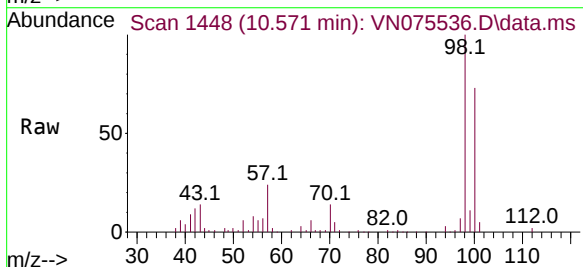
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

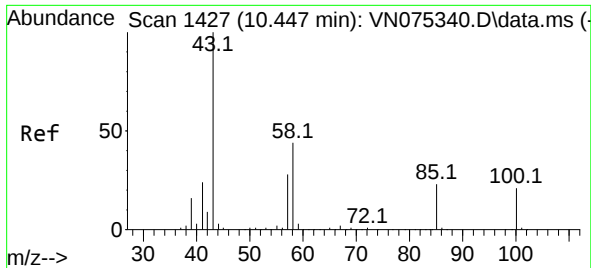
Tgt Ion: 88 Resp: 9594
Ion Ratio Lower Upper
88 100
43 0.0 17.5 26.3#
58 0.0 49.8 74.8#



#50
Toluene-d8
Concen: 52.420 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion: 98 Resp: 122634
Ion Ratio Lower Upper
98 100
100 71.4 53.0 79.6

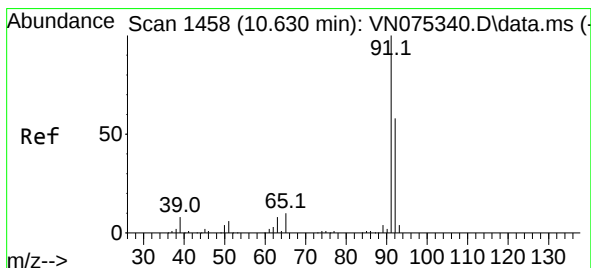
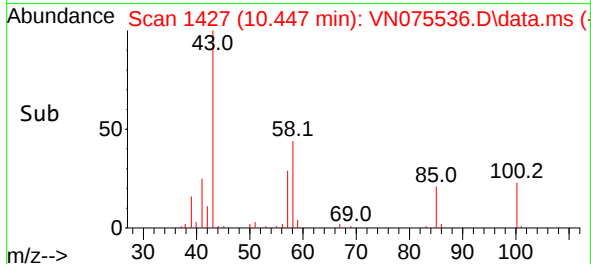
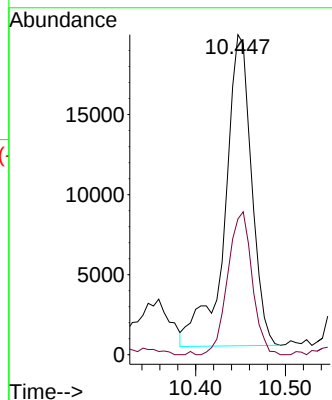
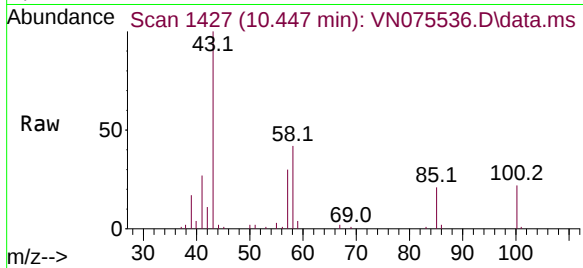




#51
4-Methyl-2-Pentanone
Concen: 19.282 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

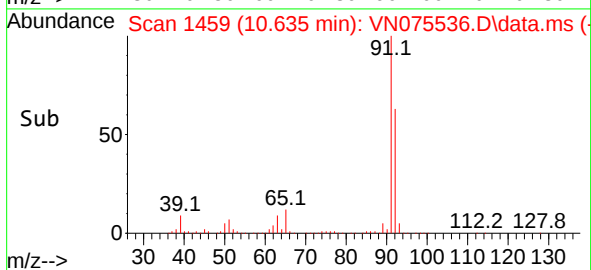
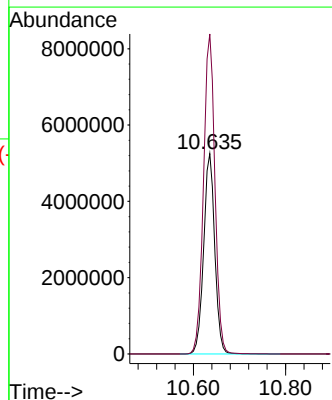
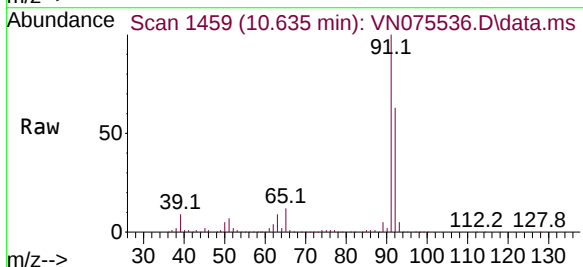
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

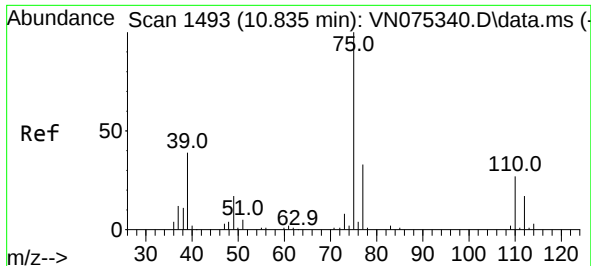
Tgt Ion: 43 Resp: 40207
Ion Ratio Lower Upper
43 100
58 41.8 33.6 50.4



#52
Toluene
Concen: 1974.346 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion: 92 Resp: 8823593
Ion Ratio Lower Upper
92 100
91 164.6 135.4 203.2

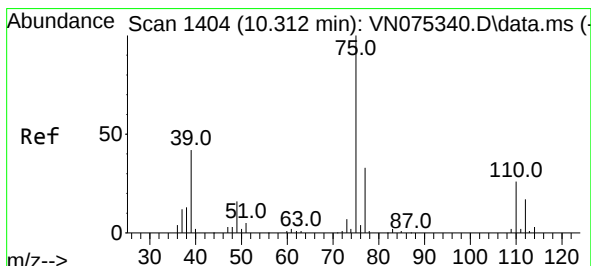
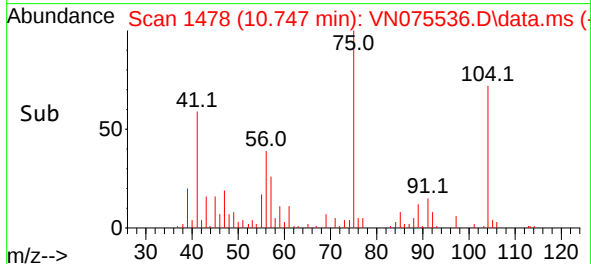
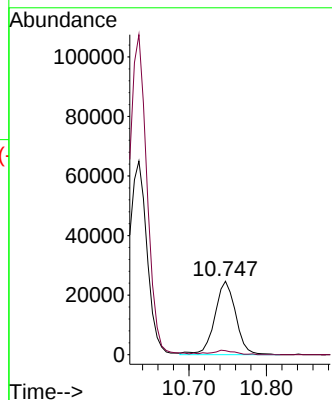
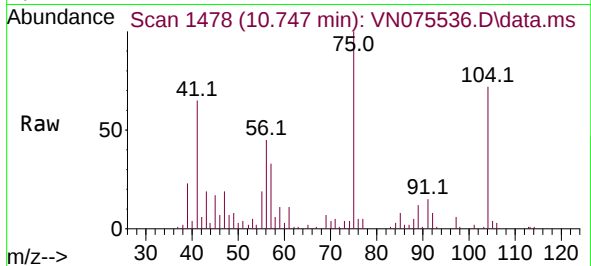




#53
 t-1,3-Dichloropropene
 Concen: 19.084 ug/l
 RT: 10.747 min Scan# 1493
 Delta R.T. -0.088 min
 Lab File: VN075536.D
 Acq: 02 Dec 2022 16:53

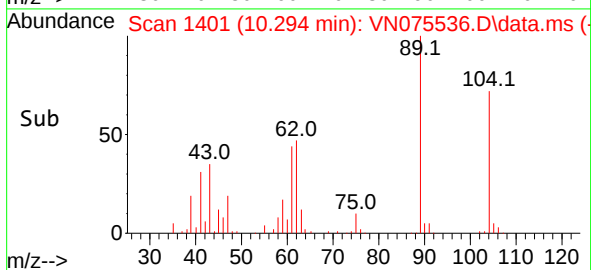
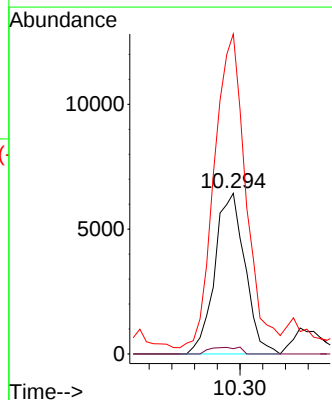
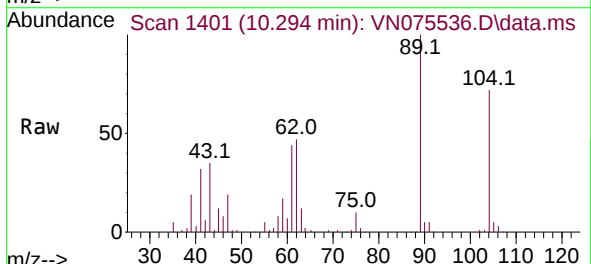
Instrument :
 MSVOA_N
 ClientSampleId :
 JAM-VRG-1201

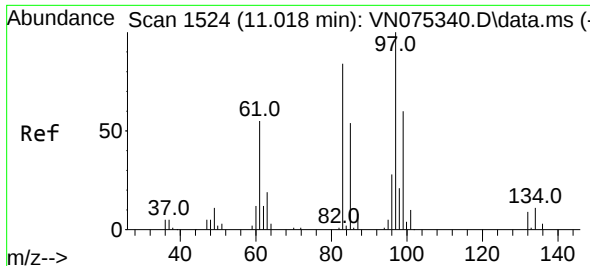
Tgt Ion: 75 Resp: 46379
 Ion Ratio Lower Upper
 75 100
 77 5.4 25.4 38.2#



#54
 cis-1,3-Dichloropropene
 Concen: 4.498 ug/l
 RT: 10.294 min Scan# 1401
 Delta R.T. -0.018 min
 Lab File: VN075536.D
 Acq: 02 Dec 2022 16:53

Tgt Ion: 75 Resp: 11873
 Ion Ratio Lower Upper
 75 100
 77 3.3 23.7 35.5#
 39 195.3 35.8 53.6#

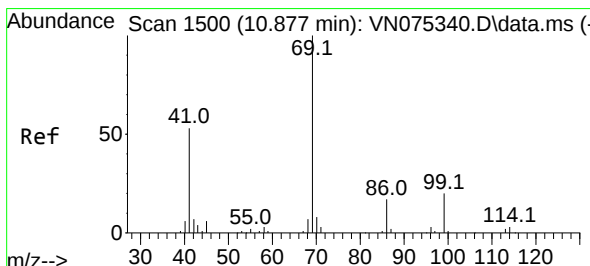
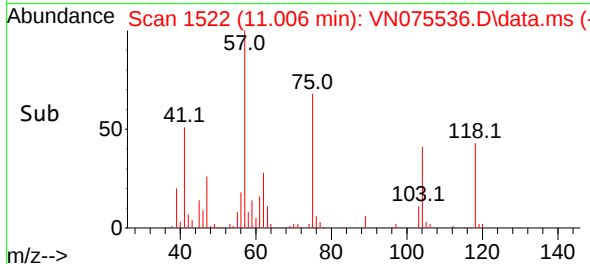
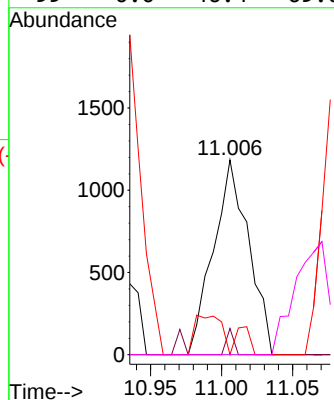
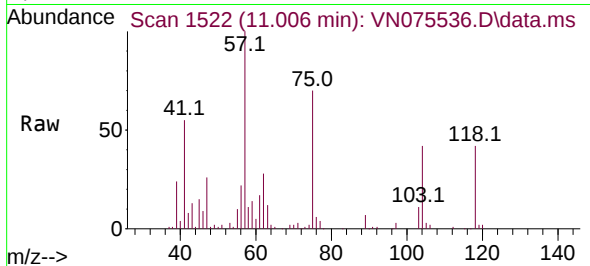




#55
1,1,2-Trichloroethane
Concen: 1.125 ug/l
RT: 11.006 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

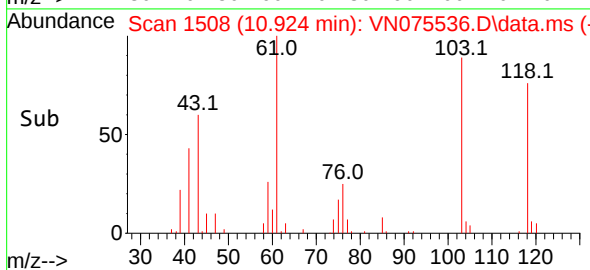
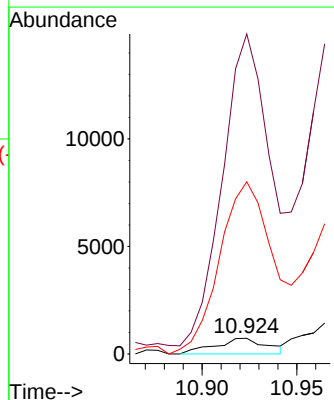
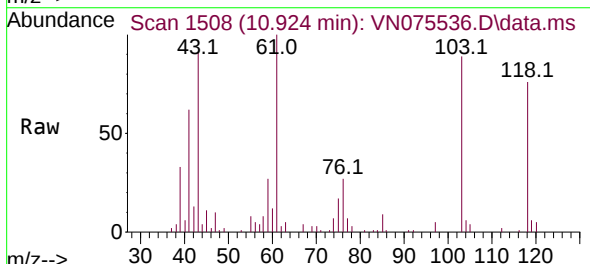
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

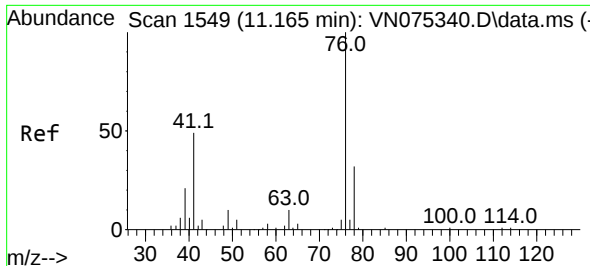
Tgt Ion:	97	Resp:	2047
Ion	Ratio	Lower	Upper
97	100		
83	13.5	65.9	98.9#
85	0.0	40.4	60.6#
99	0.0	46.4	69.6#



#56
Ethyl methacrylate
Concen: 0.564 ug/l
RT: 10.924 min Scan# 1508
Delta R.T. 0.047 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion:	69	Resp:	1387
Ion	Ratio	Lower	Upper
69	100		
41	1799.9	45.6	68.4#
39	0.0	28.5	42.7#

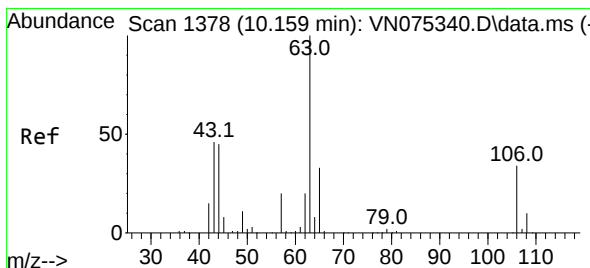
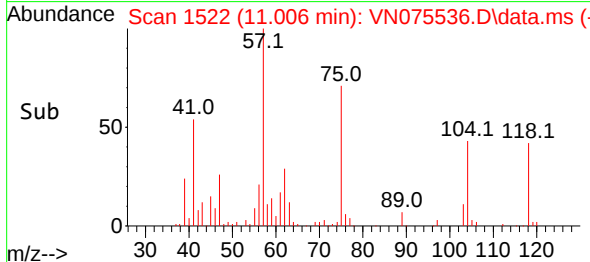
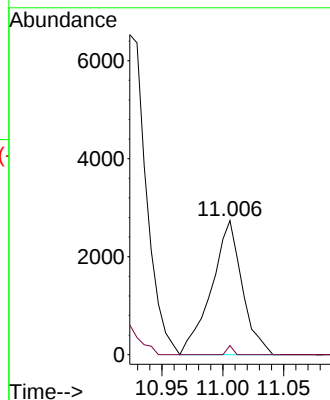
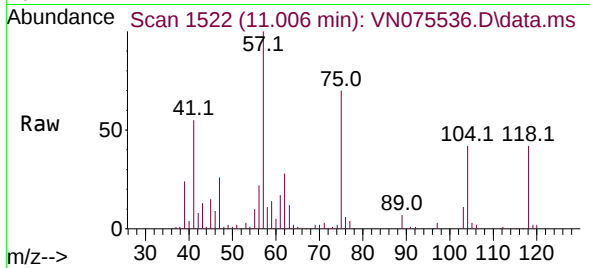




#57
1,3-Dichloropropane
Concen: 1.620 ug/l
RT: 11.006 min Scan# 11
Delta R.T. -0.159 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

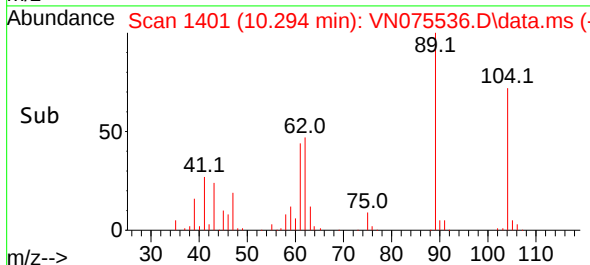
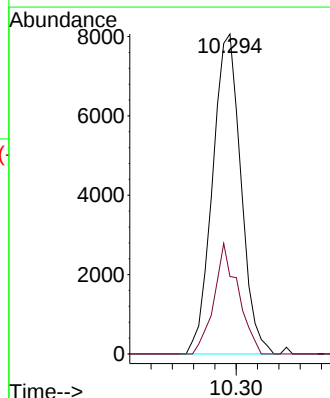
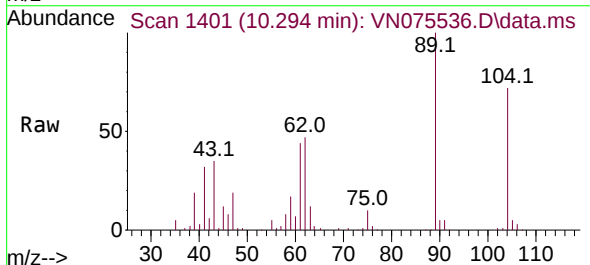
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

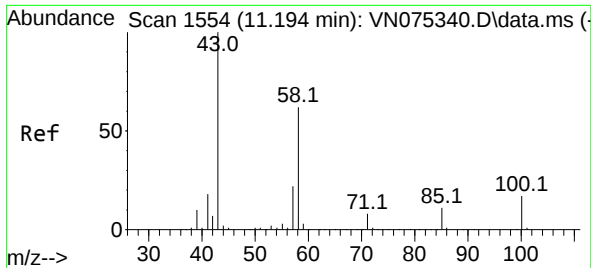
Tgt Ion: 76 Resp: 4807
Ion Ratio Lower Upper
76 100
78 1.4 25.8 38.6#



#58
2-Chloroethyl Vinyl ether
Concen: 16.821 ug/l
RT: 10.294 min Scan# 1401
Delta R.T. 0.135 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion: 63 Resp: 14913
Ion Ratio Lower Upper
63 100
106 29.4 24.8 37.2

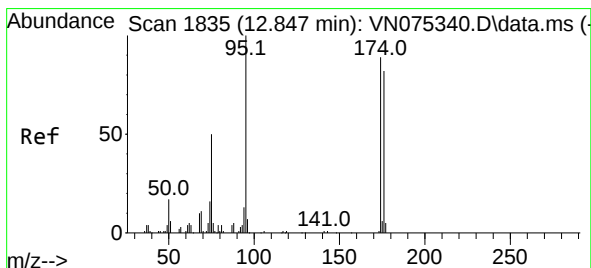
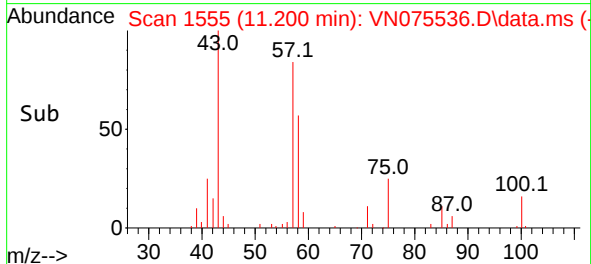
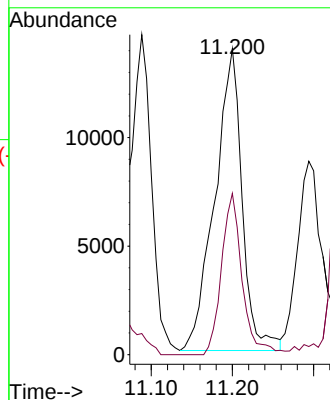
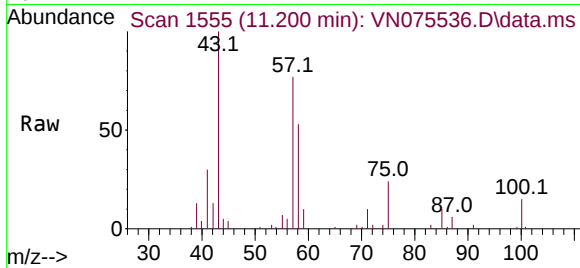




#59
2-Hexanone
Concen: 20.771 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

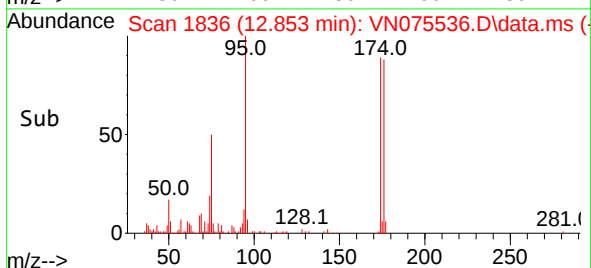
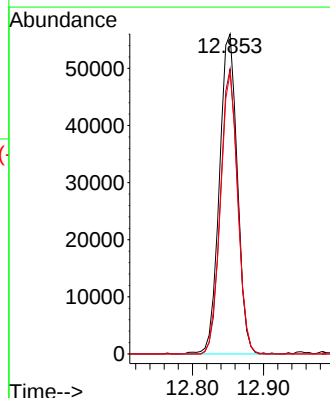
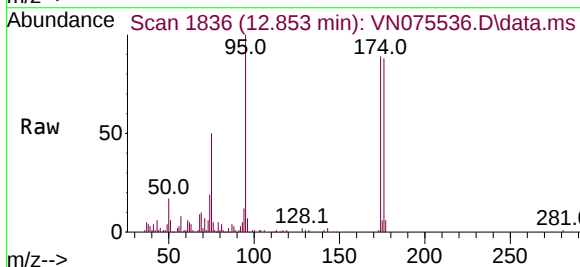
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

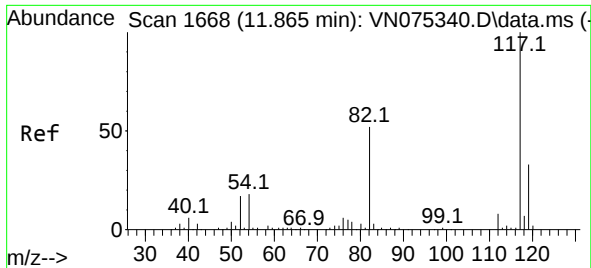
Tgt Ion: 43 Resp: 32522
Ion Ratio Lower Upper
43 100
58 40.4 29.6 88.8



#62
4-Bromofluorobenzene
Concen: 56.692 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion: 95 Resp: 97893
Ion Ratio Lower Upper
95 100
174 85.4 0.0 147.4
176 84.4 0.0 142.2

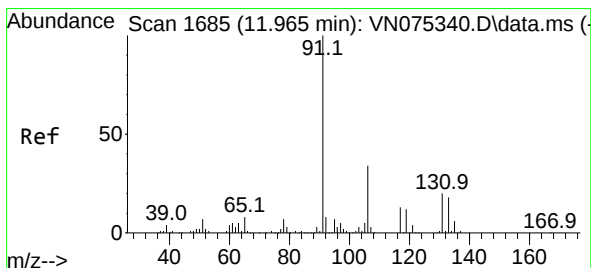
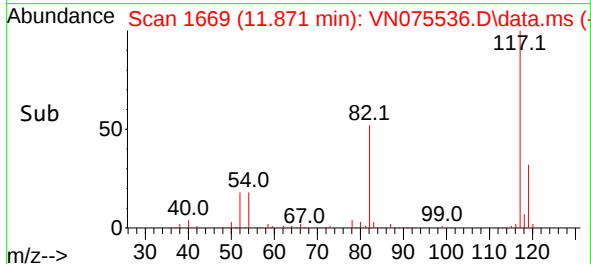
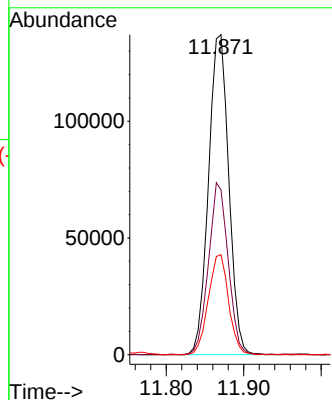
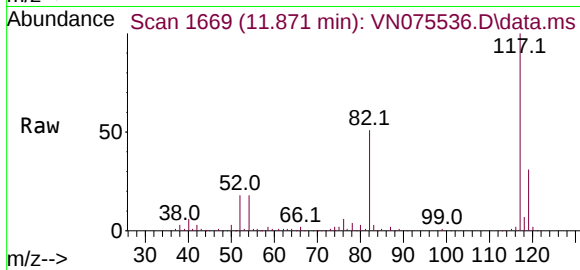




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

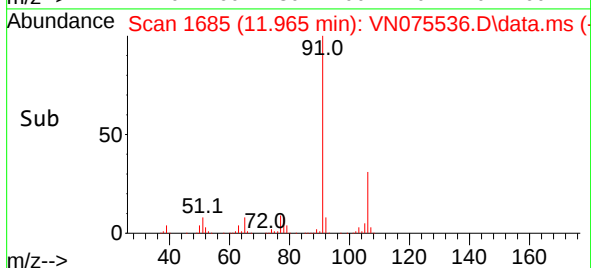
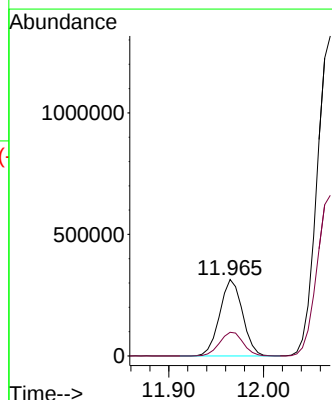
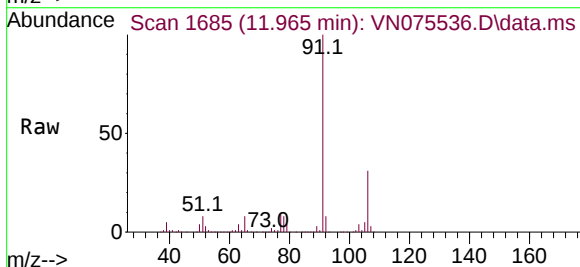
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

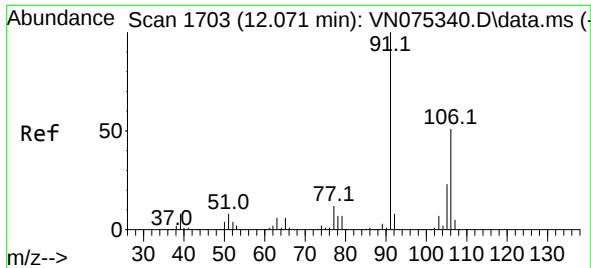
Tgt Ion:117 Resp: 248917
Ion Ratio Lower Upper
117 100
82 51.5 43.1 64.7
119 31.3 25.5 38.3



#67
Ethyl Benzene
Concen: 60.118 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion: 91 Resp: 527237
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

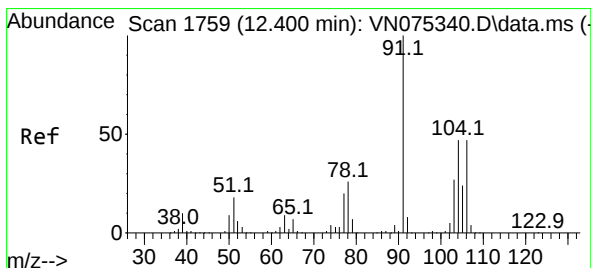
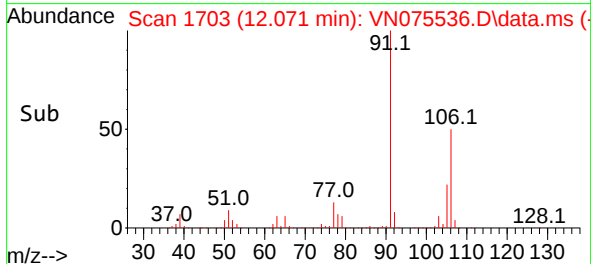
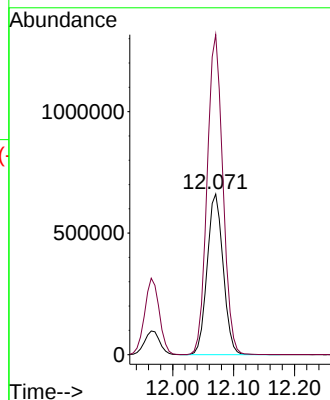
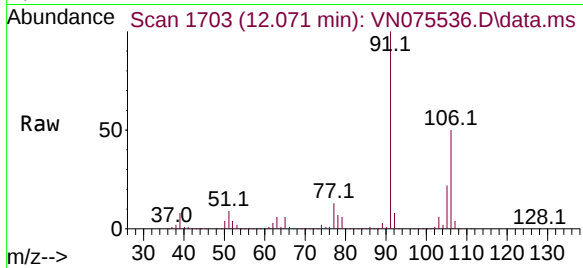




#68
m/p-Xylenes
Concen: 338.426 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

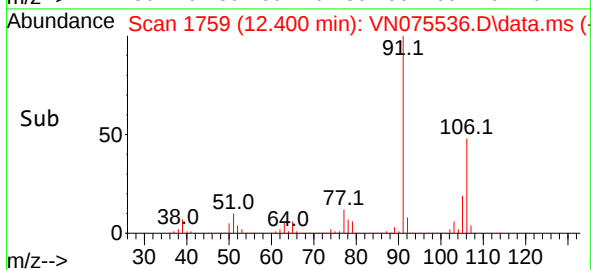
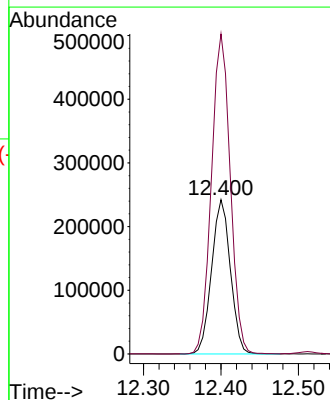
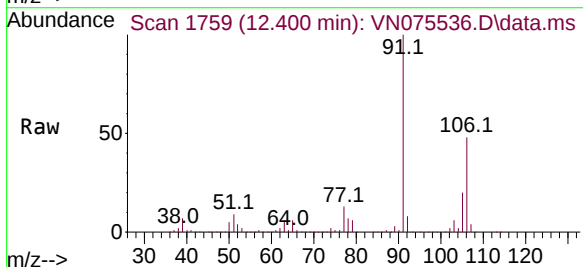
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

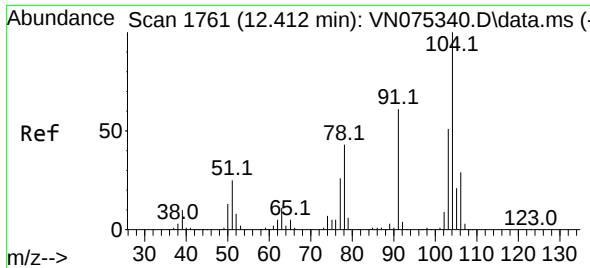
Tgt Ion:106 Resp: 1205281
Ion Ratio Lower Upper
106 100
91 196.1 156.0 234.0



#69
o-Xylene
Concen: 115.189 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion:106 Resp: 407600
Ion Ratio Lower Upper
106 100
91 208.5 105.2 315.5

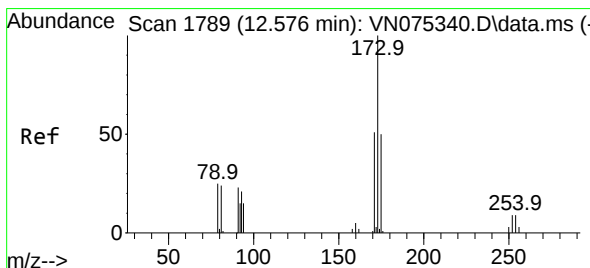
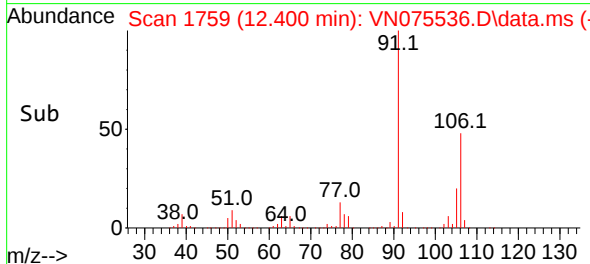
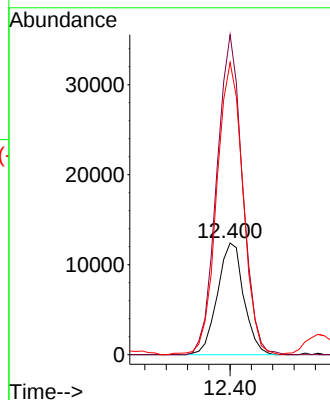
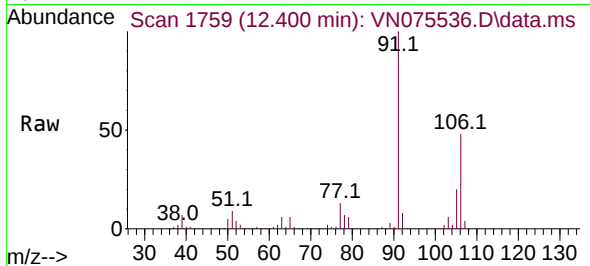




#70
Styrene
Concen: 3.808 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

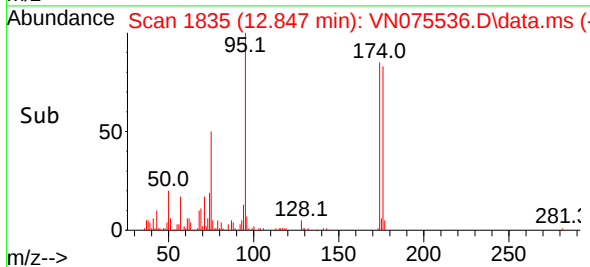
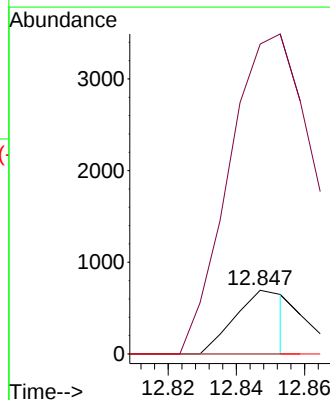
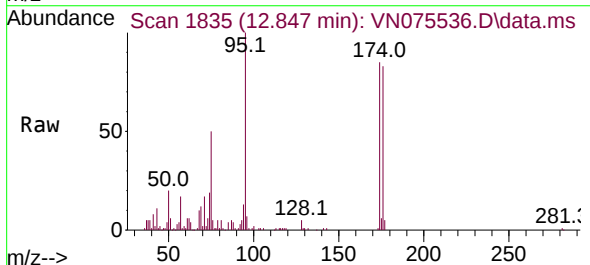
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

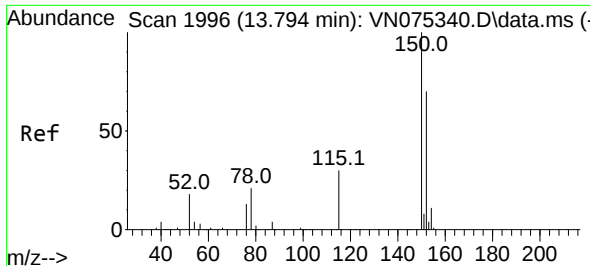
Tgt Ion:104 Resp: 21254
Ion Ratio Lower Upper
104 100
78 280.2 38.1 57.1#
103 261.7 44.6 66.8#



#71
Bromoform
Concen: 0.490 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.271 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion:173 Resp: 715
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

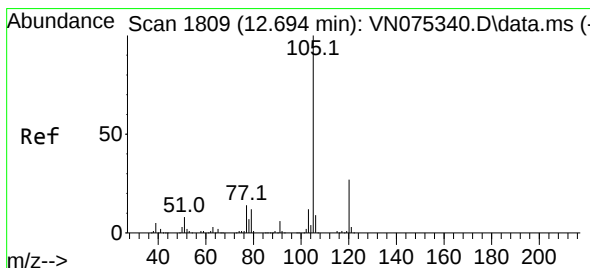
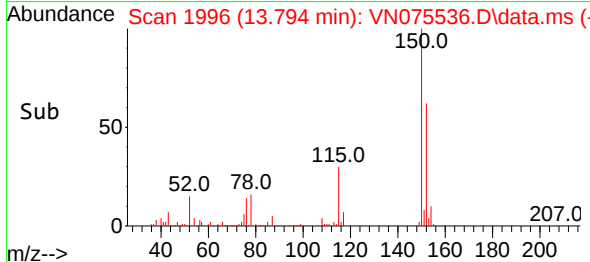
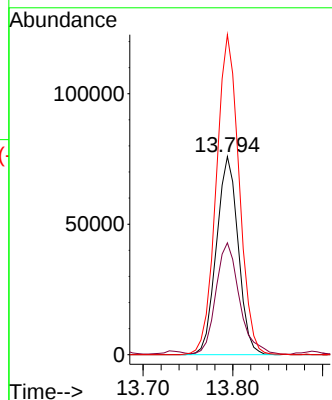
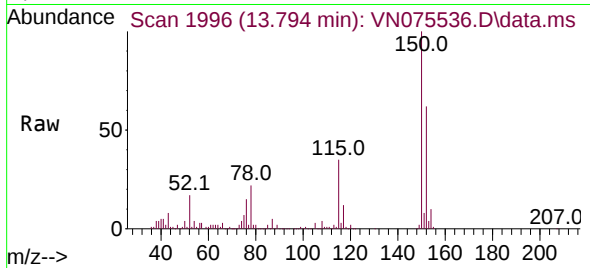




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

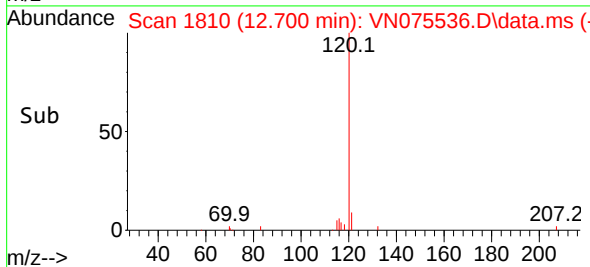
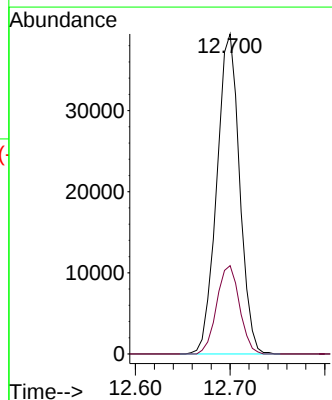
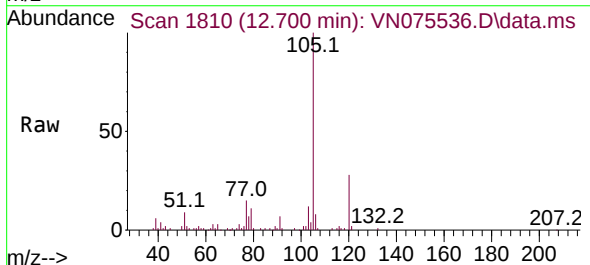
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

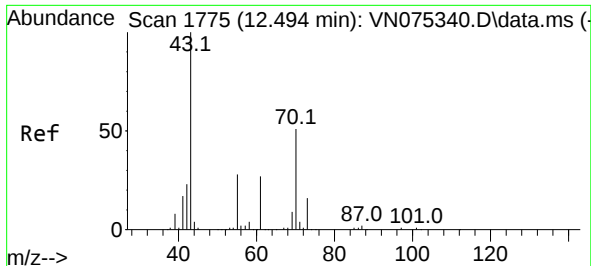
Tgt Ion:152 Resp: 127649
Ion Ratio Lower Upper
152 100
115 61.8 30.2 90.6
150 169.7 0.0 348.4



#73
Isopropylbenzene
Concen: 7.073 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion:105 Resp: 65967
Ion Ratio Lower Upper
105 100
120 27.6 13.1 39.1

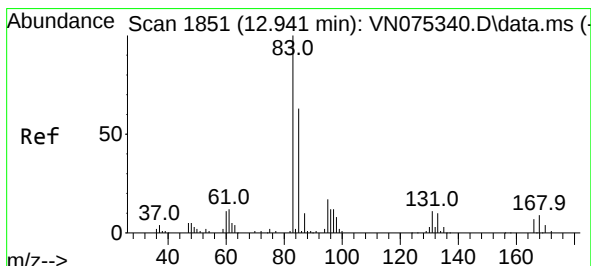
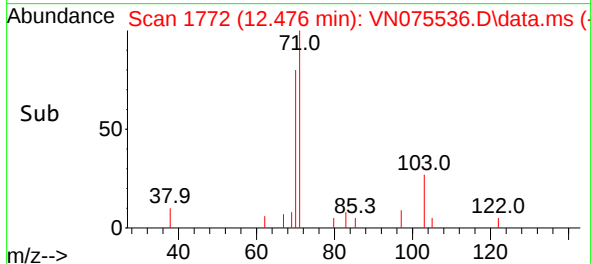
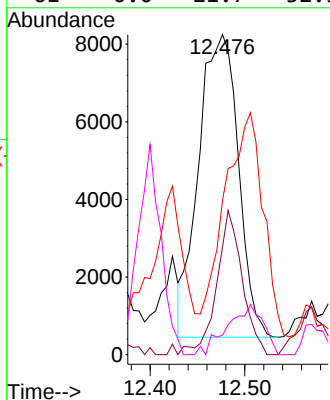
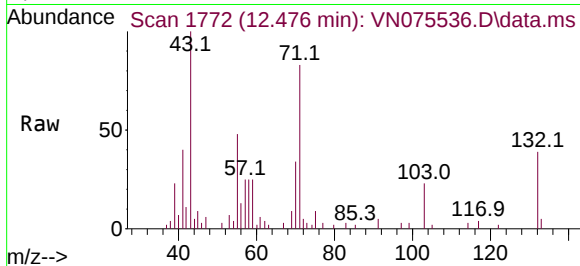




#74
N-amy1 acetate
Concen: 7.924 ug/l
RT: 12.476 min Scan# 1775
Delta R.T. -0.018 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

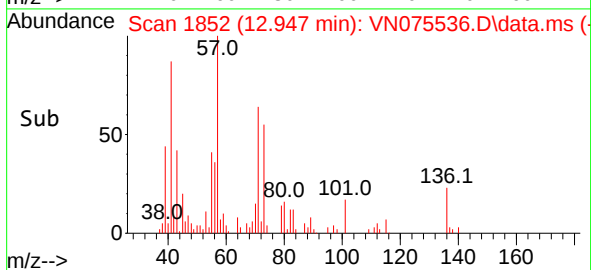
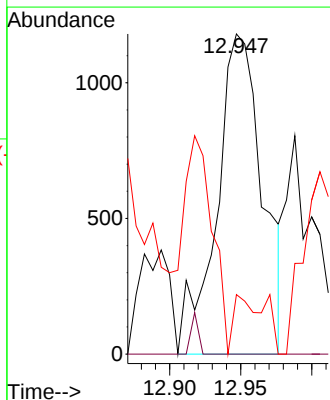
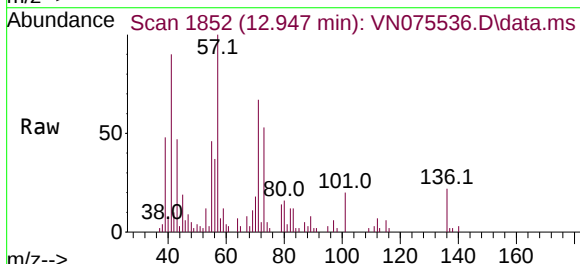
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

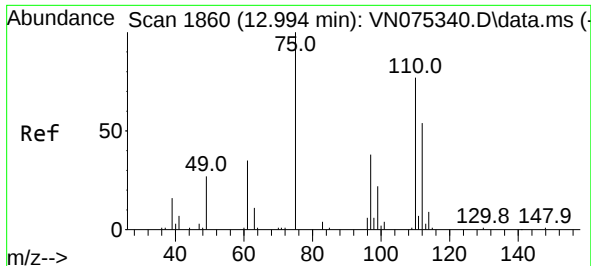
Tgt Ion: 43	Resp: 22720
Ion Ratio	Lower Upper
43 100	
70 30.7	39.8 59.8#
55 0.0	19.9 29.9#
61 0.0	21.7 32.5#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.931 ug/l
RT: 12.947 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion: 83	Resp: 2647
Ion Ratio	Lower Upper
83 100	
131 0.0	5.1 15.3#
85 0.0	31.6 94.7#

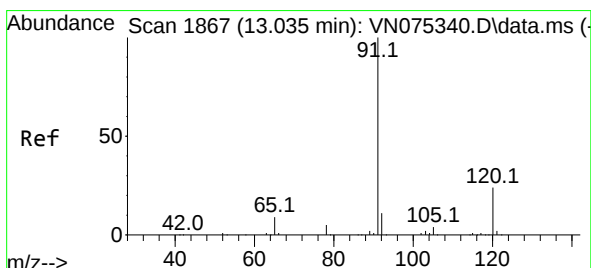
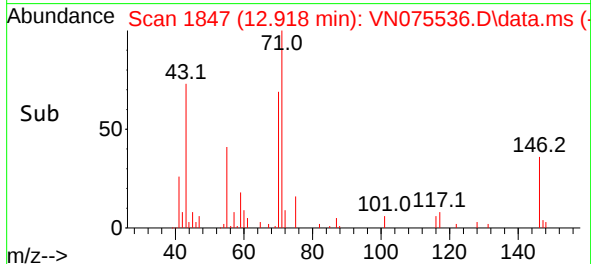
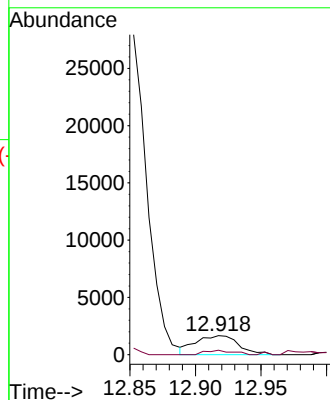
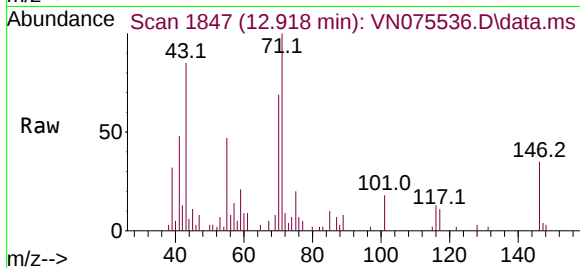




#76
1,2,3-Trichloropropane
Concen: 1.572 ug/l
RT: 12.918 min Scan# 1847
Delta R.T. -0.076 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

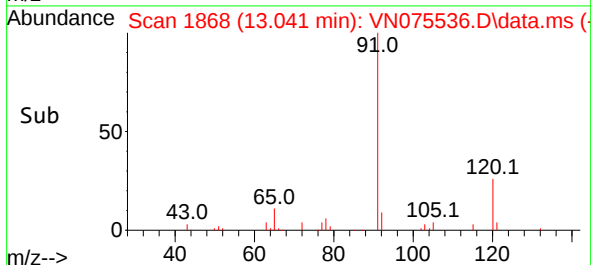
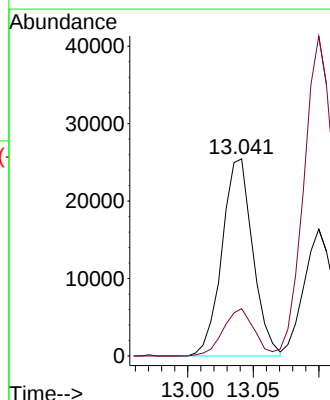
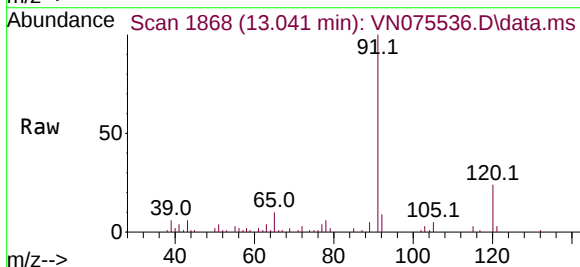
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

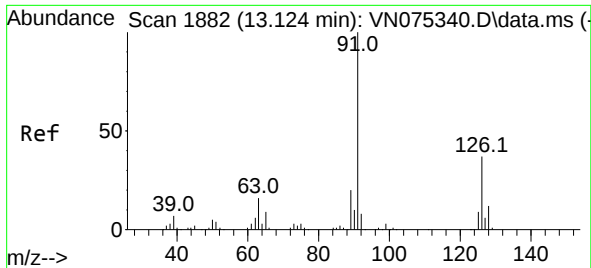
Tgt Ion: 75 Resp: 3794
Ion Ratio Lower Upper
75 100
77 0.0 75.6 226.8#



#78
n-propylbenzene
Concen: 3.993 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion: 91 Resp: 41561
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5

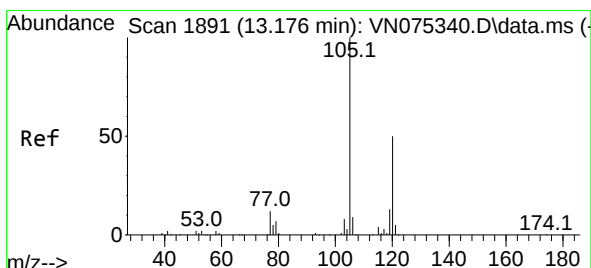
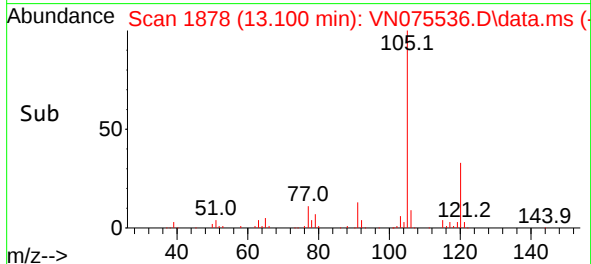
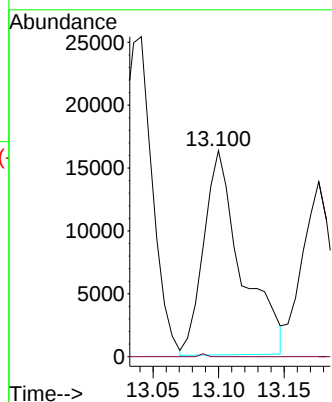
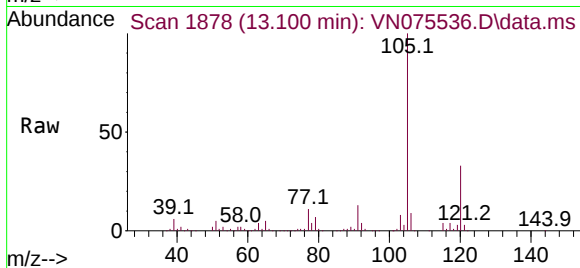




#79
2-Chlorotoluene
Concen: 5.203 ug/l
RT: 13.100 min Scan# 1882
Delta R.T. -0.024 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

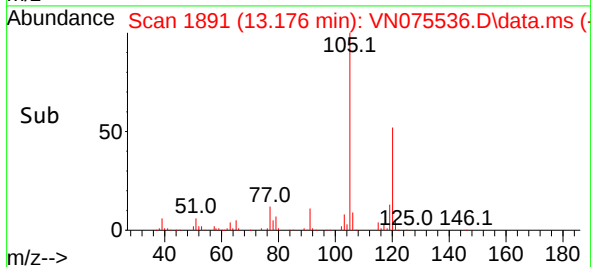
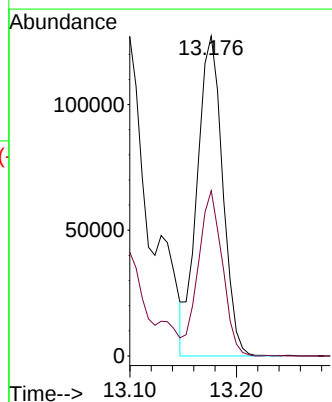
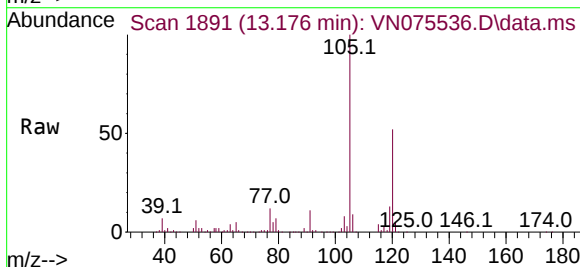
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

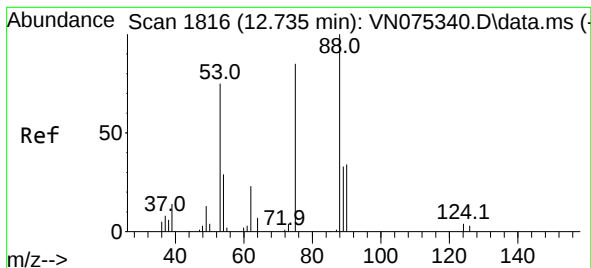
Tgt Ion: 91 Resp: 32629
Ion Ratio Lower Upper
91 100
126 0.3 16.9 50.7#



#80
1,3,5-Trimethylbenzene
Concen: 27.248 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion: 105 Resp: 211125
Ion Ratio Lower Upper
105 100
120 49.1 24.7 74.1

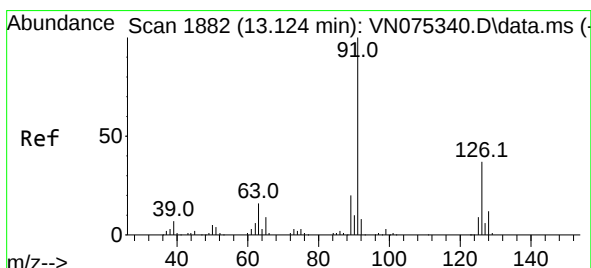
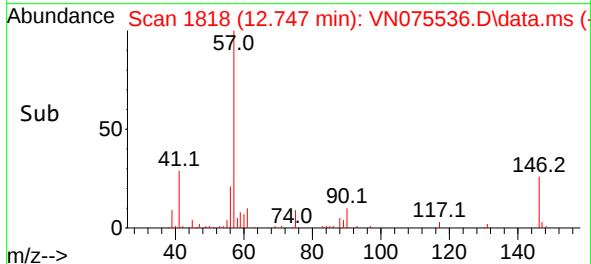
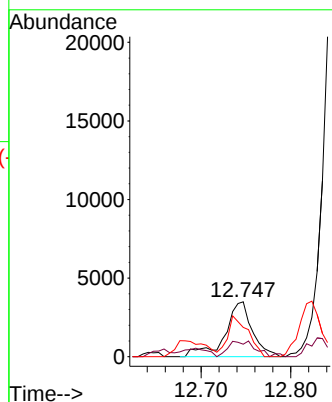
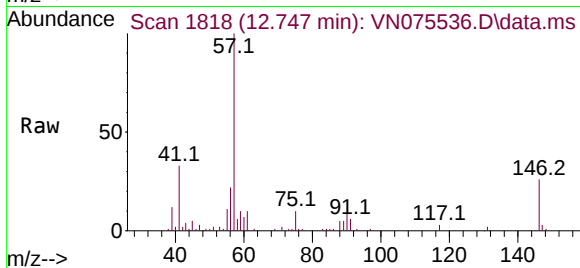




#81
trans-1,4-Dichloro-2-butene
Concen: 9.009 ug/l
RT: 12.747 min Scan# 1816
Delta R.T. 0.012 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

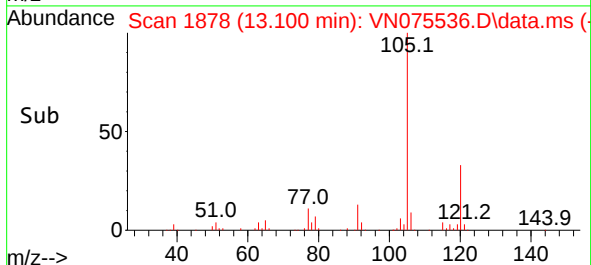
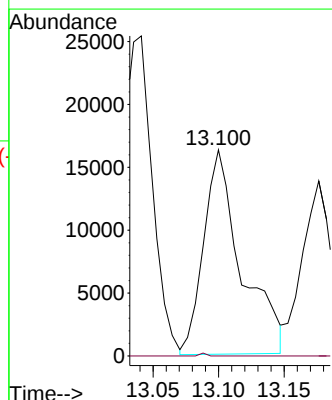
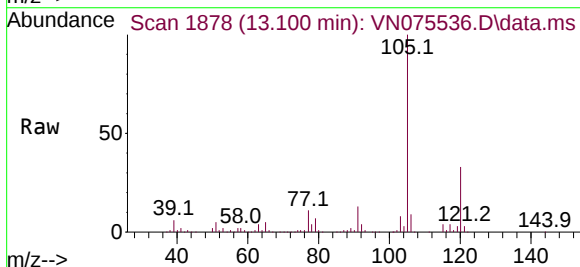
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

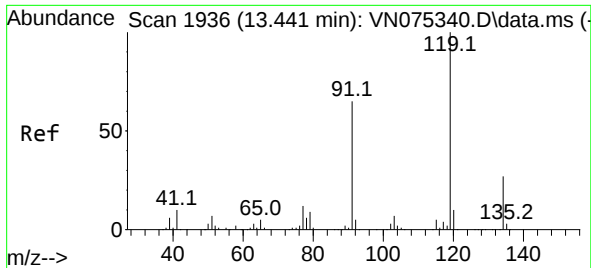
Tgt Ion: 75 Resp: 7349
Ion Ratio Lower Upper
75 100
53 28.9 78.5 117.7#
89 55.5 37.7 56.5



#82
4-Chlorotoluene
Concen: 5.203 ug/l
RT: 13.100 min Scan# 1878
Delta R.T. -0.024 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion: 91 Resp: 32629
Ion Ratio Lower Upper
91 100
126 0.3 16.9 50.7#

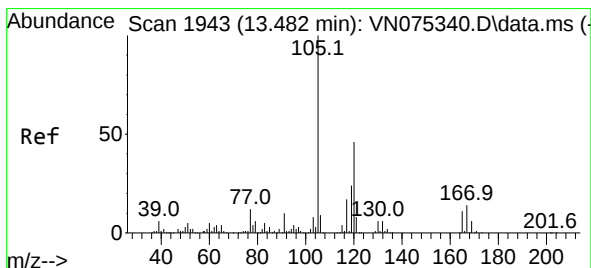
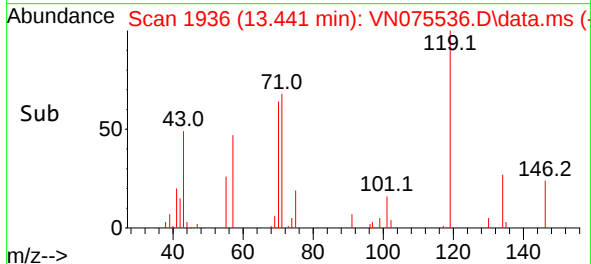
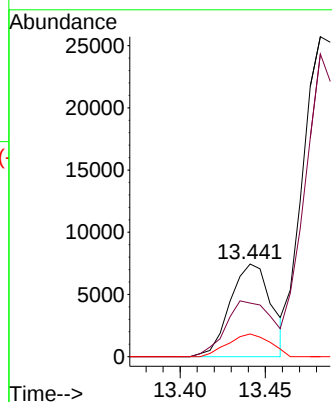
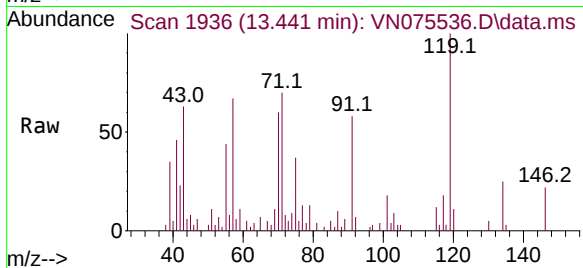




#83
tert-Butylbenzene
Concen: 1.770 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

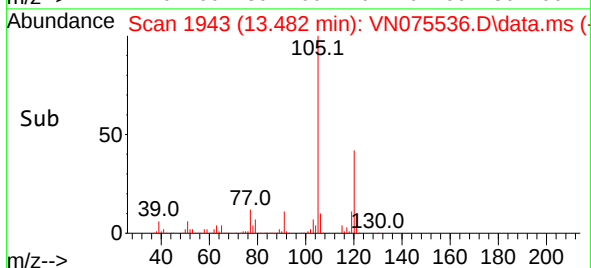
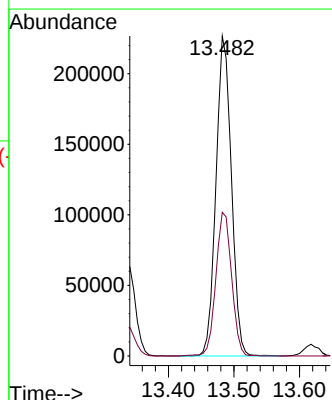
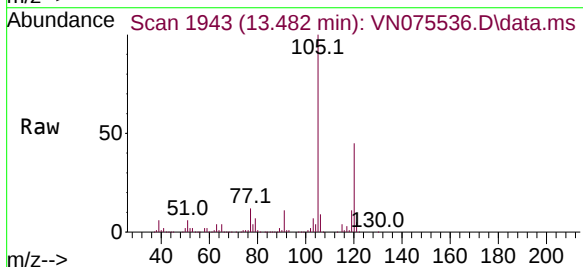
Instrument :
MSVOA_N
ClientSampleId :
JAM-VRG-1201

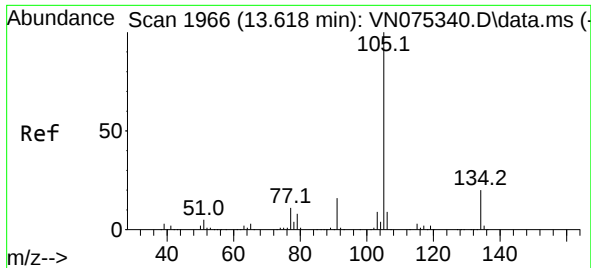
Tgt Ion:119 Resp: 12507
Ion Ratio Lower Upper
119 100
91 68.1 32.8 98.4
134 25.1 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 47.450 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075536.D
Acq: 02 Dec 2022 16:53

Tgt Ion:105 Resp: 368772
Ion Ratio Lower Upper
105 100
120 45.9 22.7 68.1

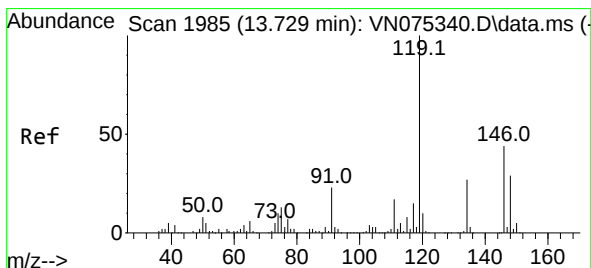
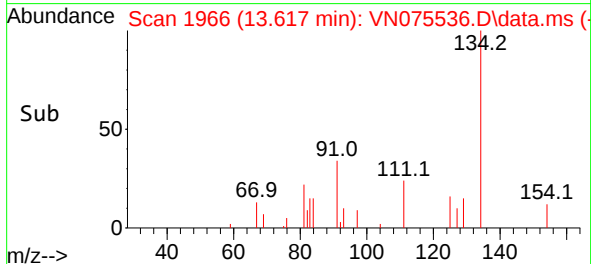
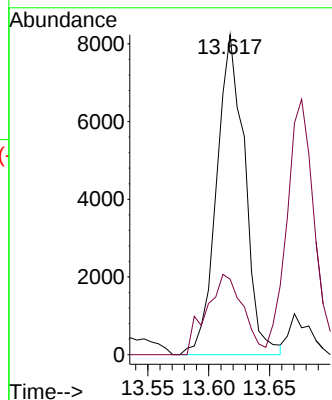
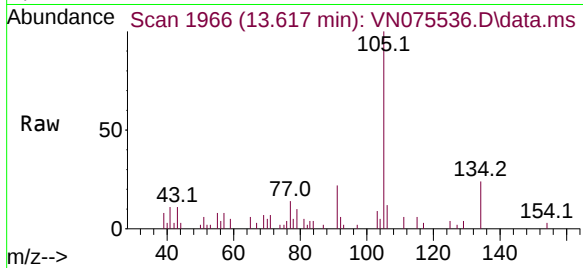




#85
 sec-Butylbenzene
 Concen: 1.382 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075536.D
 Acq: 02 Dec 2022 16:53

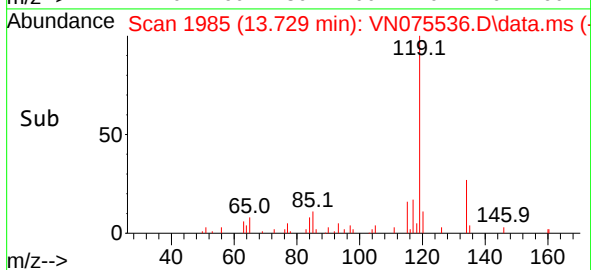
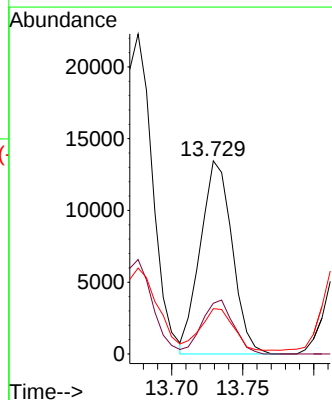
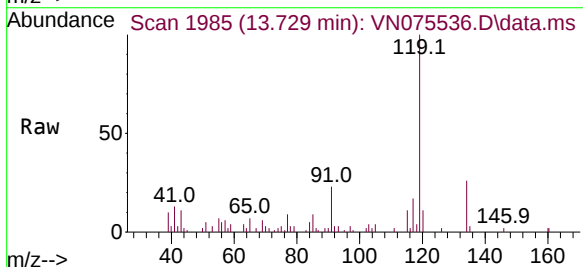
Instrument :
 MSVOA_N
 ClientSampleId :
 JAM-VRG-1201

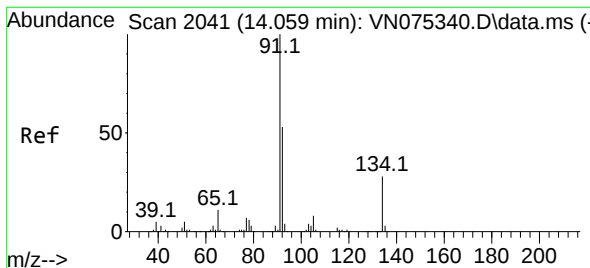
Tgt Ion:105 Resp: 13246
 Ion Ratio Lower Upper
 105 100
 134 32.9 10.2 30.6#



#86
 p-Isopropyltoluene
 Concen: 2.609 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075536.D
 Acq: 02 Dec 2022 16:53

Tgt Ion:119 Resp: 21043
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.1 39.3
 91 27.1 11.9 35.5





#89

n-Butylbenzene

Concen: 2.953 ug/l

RT: 14.017 min Scan# 2041

Delta R.T. -0.042 min

Lab File: VN075536.D

Acq: 02 Dec 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

JAM-VRG-1201

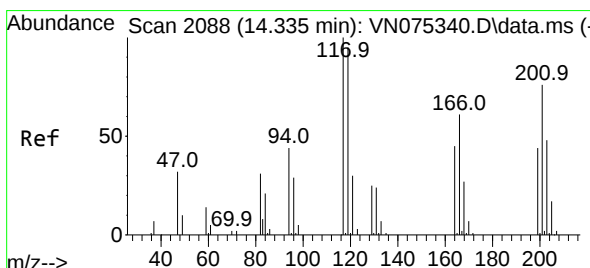
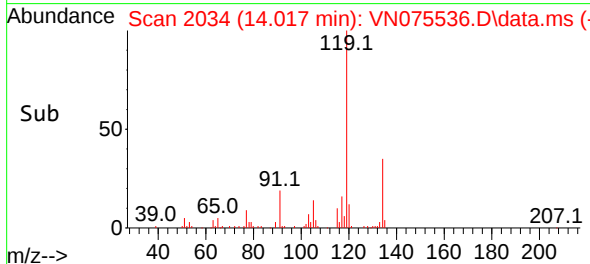
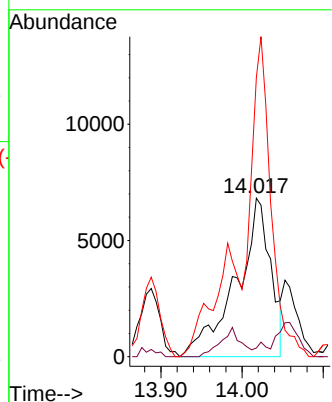
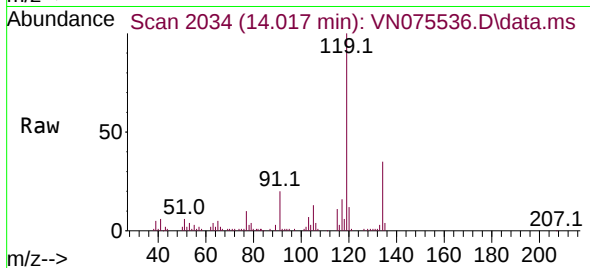
Tgt Ion: 91 Resp: 20115

Ion Ratio Lower Upper

91 100

92 3.1 26.5 79.4#

134 114.7 13.0 39.0#



#90

Hexachloroethane

Concen: 3.478 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN075536.D

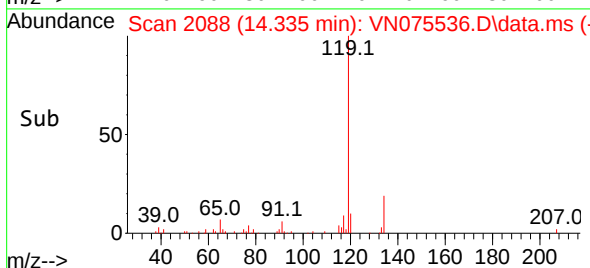
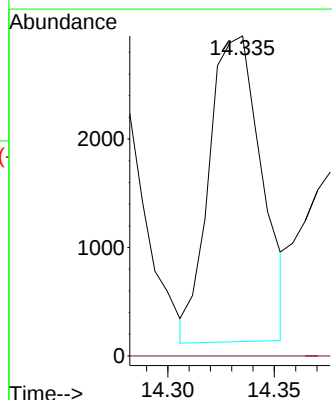
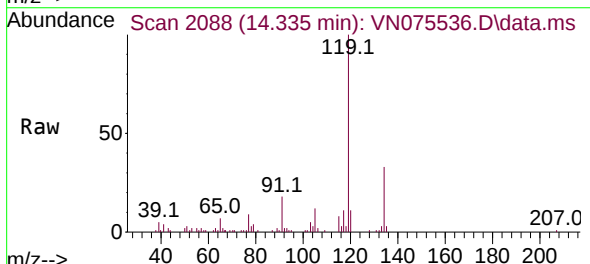
Acq: 02 Dec 2022 16:53

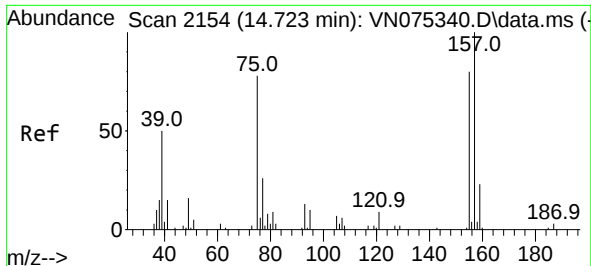
Tgt Ion: 117 Resp: 4839

Ion Ratio Lower Upper

117 100

201 0.0 31.5 94.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.244 ug/l

RT: 14.688 min Scan# 2154

Delta R.T. -0.035 min

Lab File: VN075536.D

Acq: 02 Dec 2022 16:53

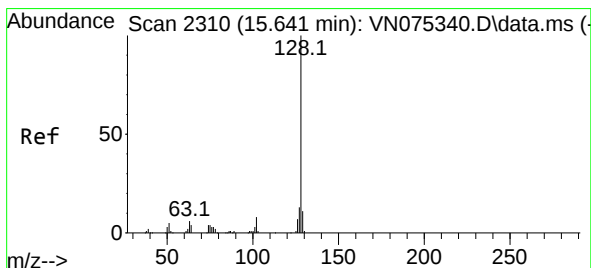
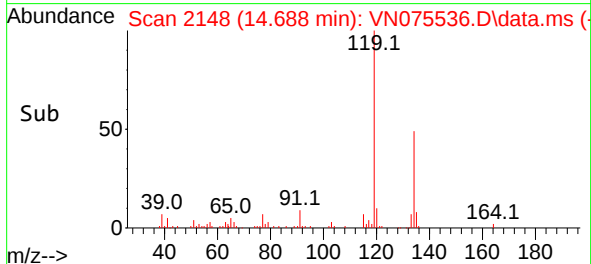
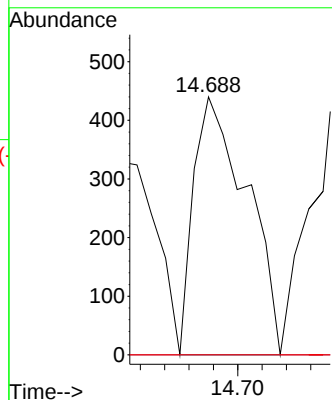
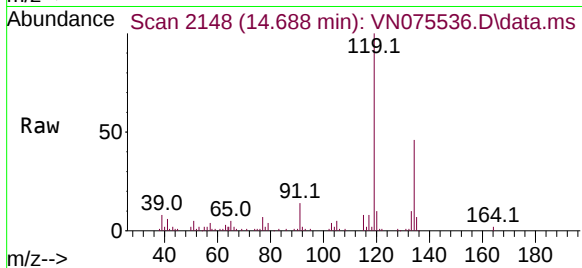
Instrument :

MSVOA_N

ClientSampleId :

JAM-VRG-1201

Tgt Ion:	75	Resp:	670
Ion	Ratio	Lower	Upper
75	100		
155	0.0	42.1	126.3#
157	0.0	51.7	155.1#



#95

Naphthalene

Concen: 7.145 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075536.D

Acq: 02 Dec 2022 16:53

Tgt Ion:	128	Resp:	48982
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.3	8.6	12.8

