

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075537.D
 Acq On : 02 Dec 2022 17:17
 Operator : JC\MD
 Sample : N5839-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SAY2-VRG-1201

Quant Time: Dec 03 00:35:34 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	8.229	168	167793	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	273552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	254936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132656	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	48602	53.961	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.920%	
35) Dibromofluoromethane	8.177	113	57232	53.259	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.520%	
50) Toluene-d8	10.570	98	129962	53.697	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.400%	
62) 4-Bromofluorobenzene	12.853	95	104647	58.578	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 117.160%	

Target Compounds			Qvalue			
3) Chloromethane	2.324	50	4027	2.522	ug/l	# 68
6) Chloroethane	3.089	64	547	0.359	ug/l	# 45
8) Diethyl Ether	3.977	74	10178	10.103	ug/l	91
11) Tert butyl alcohol	5.547	59	337205	891.840	ug/l	# 72
13) Acrolein	4.312	56	137	0.416	ug/l	# 15
14) Allyl chloride	5.047	41	1151	0.573	ug/l	# 19
15) Acrylonitrile	5.800	53	853	0.983	ug/l	# 23
16) Acetone	4.441	43	455236	541.869	ug/l	96
17) Carbon Disulfide	4.730	76	1087	0.269	ug/l	# 74
18) Methyl Acetate	5.036	43	66970	31.131	ug/l	95
19) Methyl tert-butyl Ether	5.812	73	63589	11.552	ug/l	# 69
20) Methylene Chloride	5.289	84	1916	Below Cal	#	76
22) Diisopropyl ether	6.688	45	727747	158.666	ug/l	# 1
23) Vinyl Acetate	6.683	43	40930	11.217	ug/l	# 73
24) 1,1-Dichloroethane	6.688	63	5295	1.799	ug/l	# 82
25) 2-Butanone	7.488	43	520598	443.849	ug/l	98
29) Tetrahydrofuran	7.847	42	22973	32.200	ug/l	98
31) Cyclohexane	8.259	56	15171	5.302	ug/l	92
36) 1,1-Dichloropropene	8.224	75	11481	4.899	ug/l	# 50
37) Ethyl Acetate	7.488	43	520598	246.716	ug/l	# 66
38) Carbon Tetrachloride	8.229	117	16364	6.357	ug/l	# 16
39) Methylcyclohexane	9.600	83	15856	5.406	ug/l	# 71
40) Benzene	8.612	78	3923838	546.879	ug/l	99
41) Methacrylonitrile	7.800	41	22737	21.076	ug/l	# 42
42) 1,2-Dichloroethane	8.682	62	1148	0.478	ug/l	# 75
43) Isopropyl Acetate	8.694	43	179748	53.070	ug/l	96
45) 1,2-Dichloropropane	9.629	63	1458	0.853	ug/l	# 42
48) Methyl methacrylate	9.659	41	104078	66.456	ug/l	# 36
49) 1,4-Dioxane	9.706	88	8019	180.319	ug/l	# 28
51) 4-Methyl-2-Pentanone	10.447	43	98638	45.724	ug/l	96
52) Toluene	10.635	92	3354169	725.442	ug/l	100
53) t-1,3-Dichloropropene	10.918	75	2867	1.140	ug/l	# 87
54) cis-1,3-Dichloropropene	10.288	75	8958	3.280	ug/l	# 1
55) 1,1,2-Trichloroethane	11.012	97	1345	0.714	ug/l	# 35
56) Ethyl methacrylate	10.800	69	10743	4.224	ug/l	# 29
58) 2-Chloroethyl Vinyl ether	10.288	63	12284	13.393	ug/l	92

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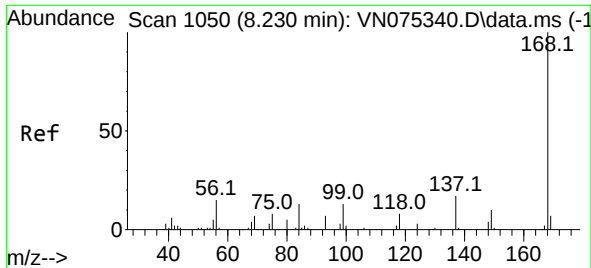
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

59) 2-Hexanone	11.200	43	32429	20.019	ug/l	68
67) Ethyl Benzene	11.965	91	303394	33.777	ug/l	100
68) m/p-Xylenes	12.070	106	878590	240.871	ug/l	97
69) o-Xylene	12.400	106	271412	74.891	ug/l	99
70) Styrene	12.400	104	14037	2.455	ug/l #	1
73) Isopropylbenzene	12.700	105	37455	3.865	ug/l	97
74) N-amyl acetate	12.482	43	20369	6.836	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	12.982	83	17599	5.956	ug/l #	42
76) 1,2,3-Trichloropropane	13.141	75	8275	3.299	ug/l #	1
78) n-propylbenzene	13.041	91	28604	2.645	ug/l	96
79) 2-Chlorotoluene	13.100	91	20602	3.161	ug/l	71
80) 1,3,5-Trimethylbenzene	13.176	105	149675	18.588	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	3122	3.683	ug/l	94
82) 4-Chlorotoluene	13.100	91	20602	3.161	ug/l	71
83) tert-Butylbenzene	13.482	119	30341	4.133	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.482	105	245307	30.372	ug/l	100
85) sec-Butylbenzene	13.617	105	8961	0.900	ug/l #	76
86) p-Isopropyltoluene	13.888	119	9510	1.135	ug/l	91
89) n-Butylbenzene	14.023	91	18039	2.548	ug/l #	2
90) Hexachloroethane	14.329	117	4611	3.189	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	14.747	75	1758	3.141	ug/l #	2
95) Naphthalene	15.641	128	56274	7.899	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.853	180	711	0.319	ug/l #	12

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

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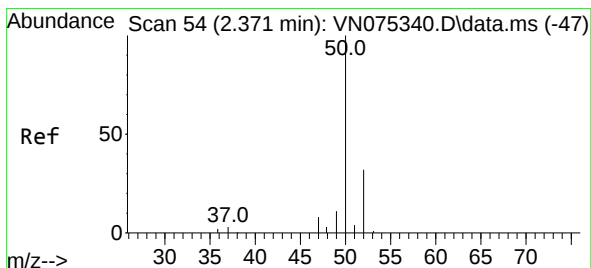
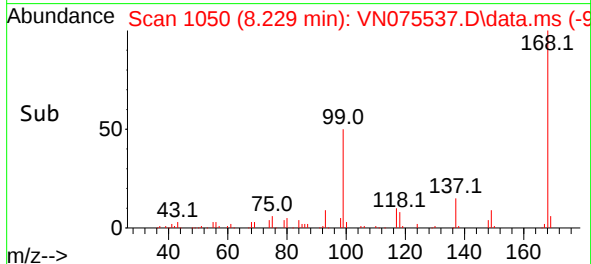
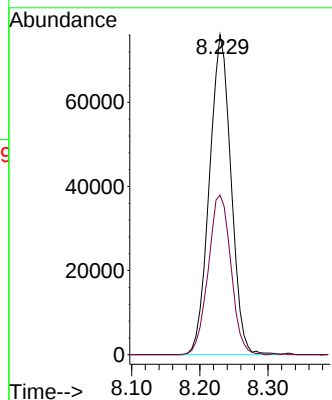
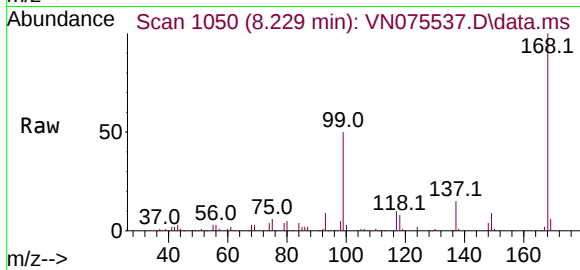




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

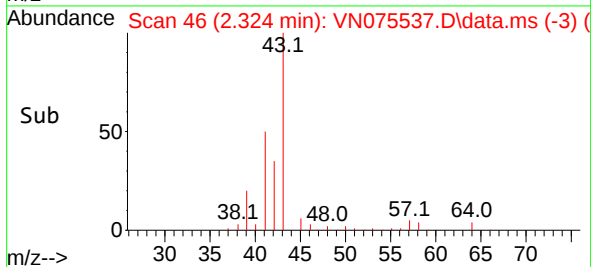
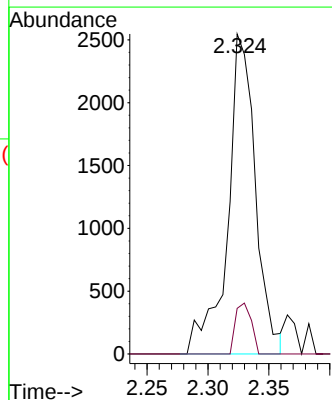
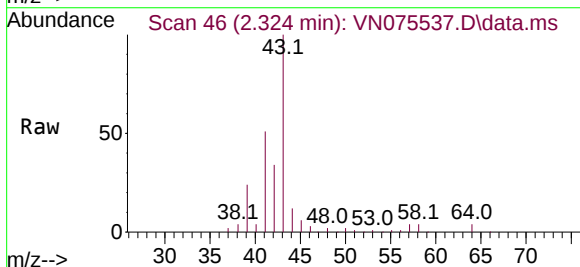
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

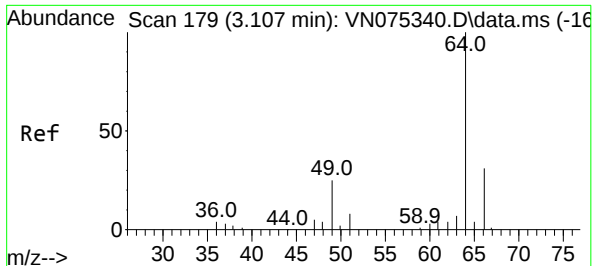
Tgt Ion:168 Resp: 167793
Ion Ratio Lower Upper
168 100
99 49.9 51.6 77.4#



#3
Chloromethane
Concen: 2.522 ug/l
RT: 2.324 min Scan# 46
Delta R.T. -0.047 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion: 50 Resp: 4027
Ion Ratio Lower Upper
50 100
52 14.3 25.8 38.6#

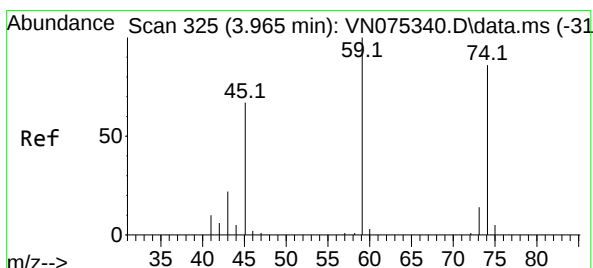
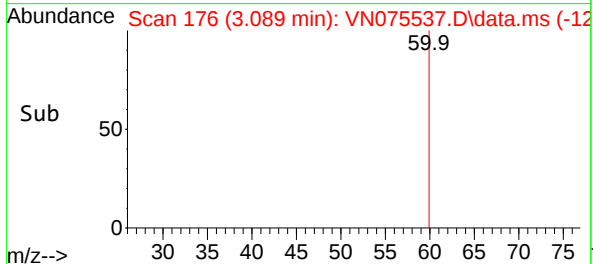
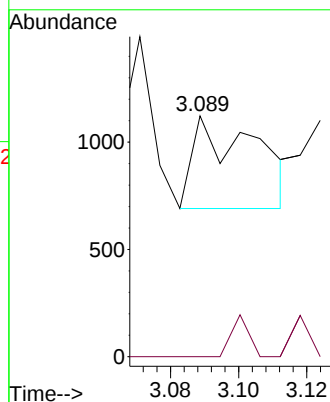
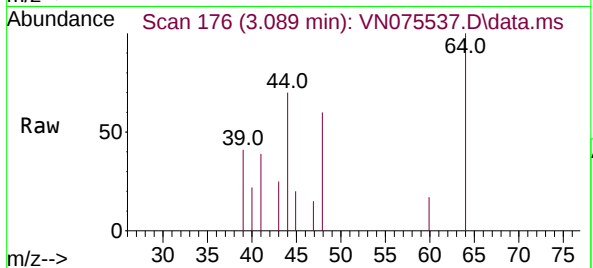




#6
Chloroethane
Concen: 0.359 ug/l
RT: 3.089 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

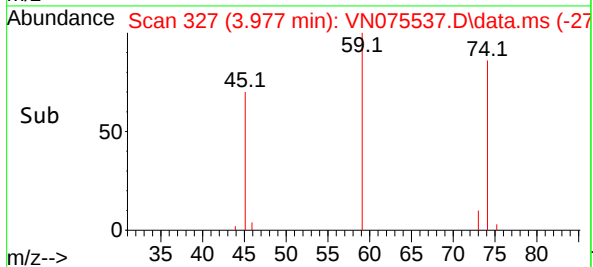
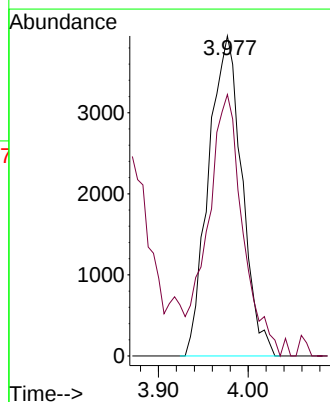
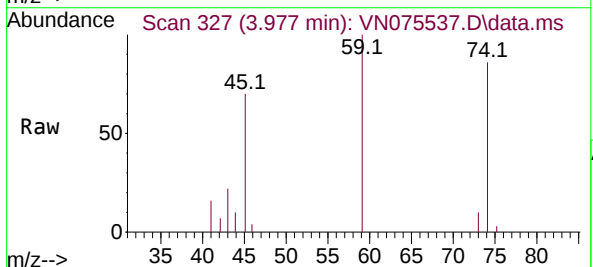
Instrument :
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ClientSampleId :
SAY2-VRG-1201

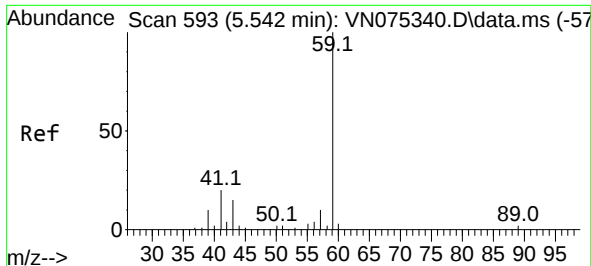
Tgt Ion: 64 Resp: 547
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#8
Diethyl Ether
Concen: 10.103 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.012 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion: 74 Resp: 10178
Ion Ratio Lower Upper
74 100
45 86.1 39.3 117.9

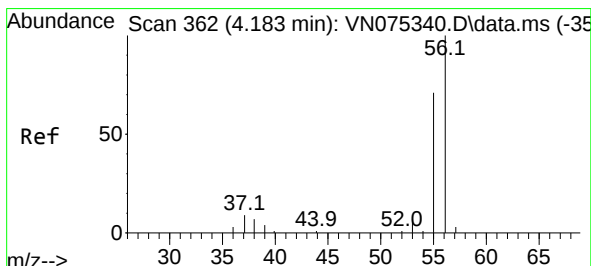
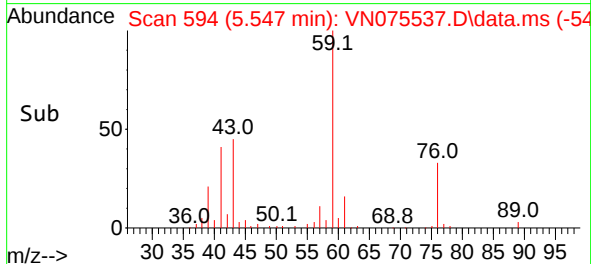
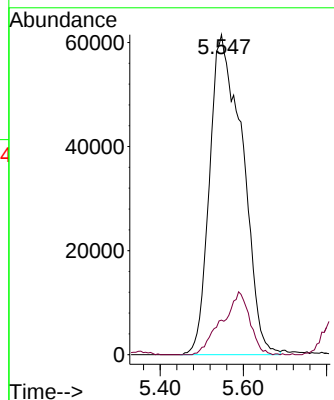
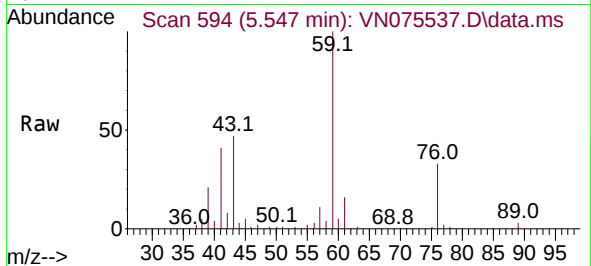




#11
Tert butyl alcohol
Concen: 891.840 ug/l
RT: 5.547 min Scan# 59
Delta R.T. 0.005 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

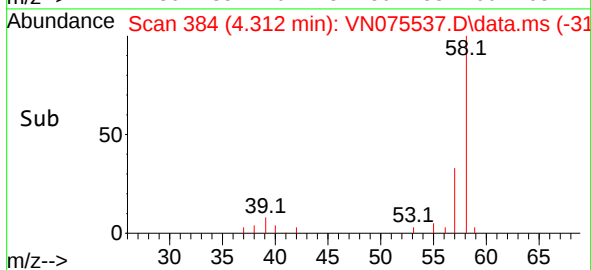
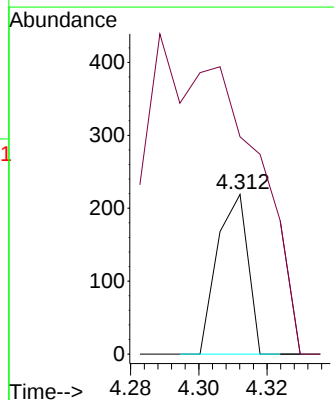
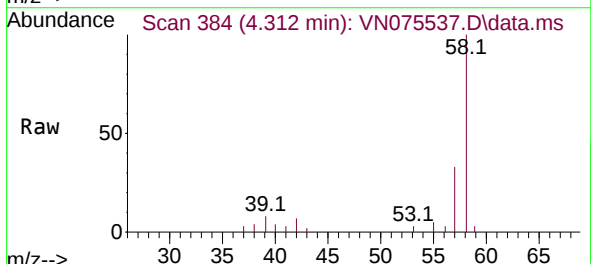
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

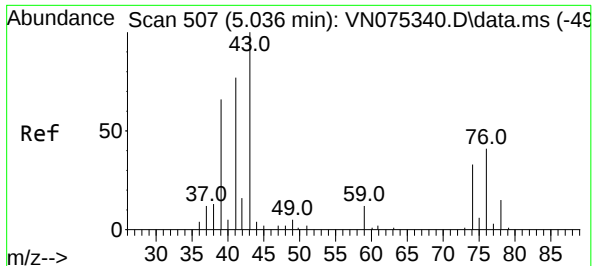
Tgt Ion: 59 Resp: 337205
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 0.416 ug/l
RT: 4.312 min Scan# 384
Delta R.T. 0.129 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion: 56 Resp: 137
Ion Ratio Lower Upper
56 100
55 0.0 55.2 82.8#

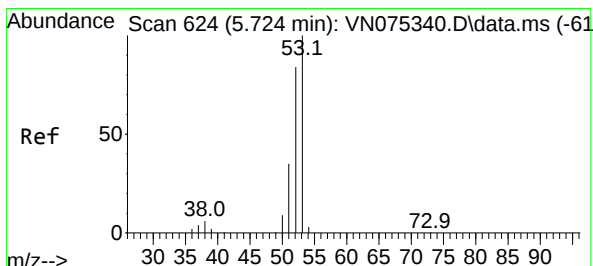
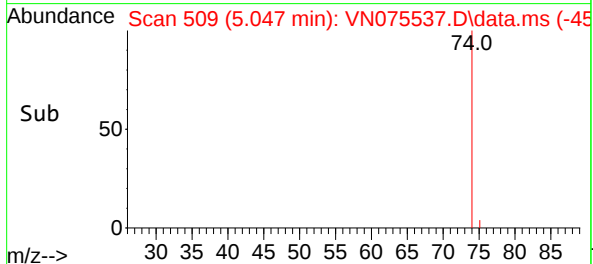
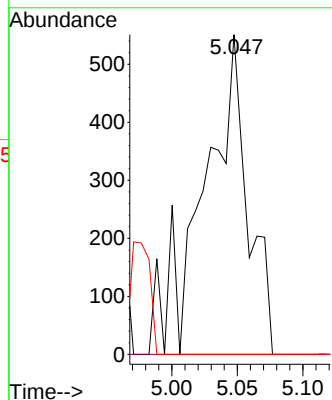
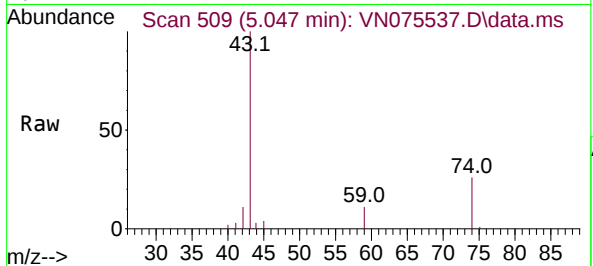




#14
 Allyl chloride
 Concen: 0.573 ug/l
 RT: 5.047 min Scan# 509
 Delta R.T. 0.011 min
 Lab File: VN075537.D
 Acq: 02 Dec 2022 17:17

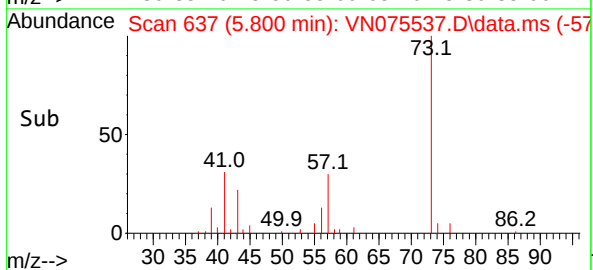
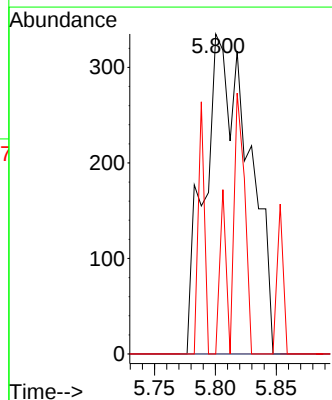
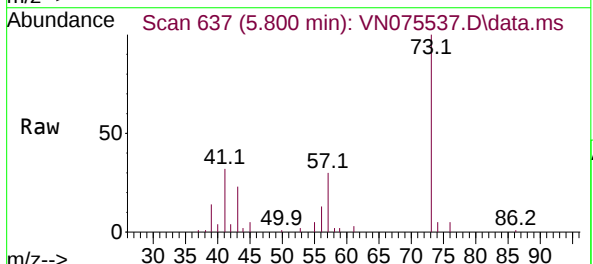
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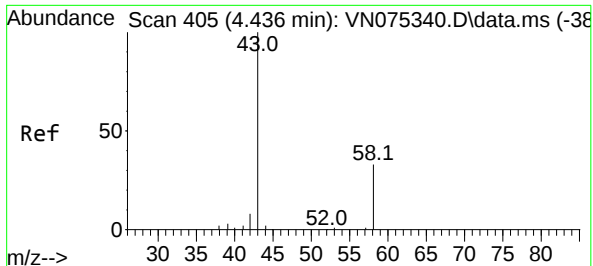
Tgt Ion: 41 Resp: 1151
 Ion Ratio Lower Upper
 41 100
 39 0.0 61.0 91.4#
 76 0.0 33.4 50.0#



#15
 Acrylonitrile
 Concen: 0.983 ug/l
 RT: 5.800 min Scan# 637
 Delta R.T. 0.076 min
 Lab File: VN075537.D
 Acq: 02 Dec 2022 17:17

Tgt Ion: 53 Resp: 853
 Ion Ratio Lower Upper
 53 100
 52 0.0 66.4 99.6#
 51 10.9 29.6 44.4#

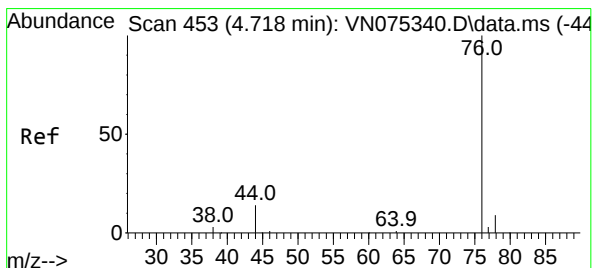
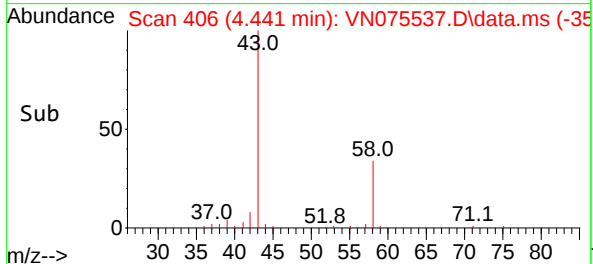
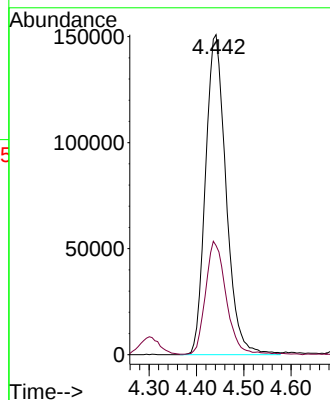
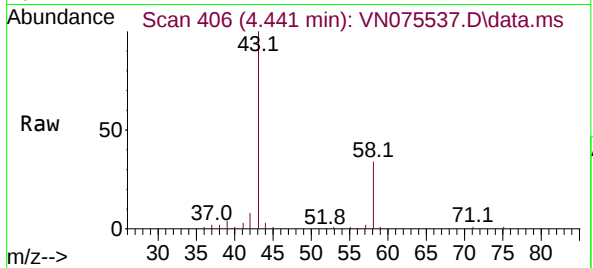




#16
Acetone
Concen: 541.869 ug/l
RT: 4.441 min Scan# 405
Delta R.T. 0.005 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

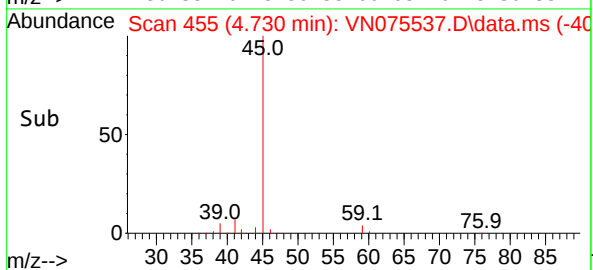
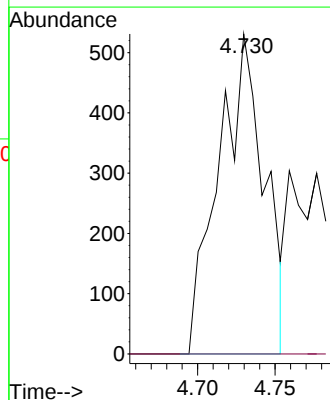
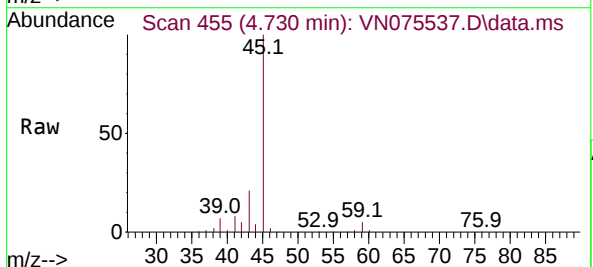
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SAY2-VRG-1201

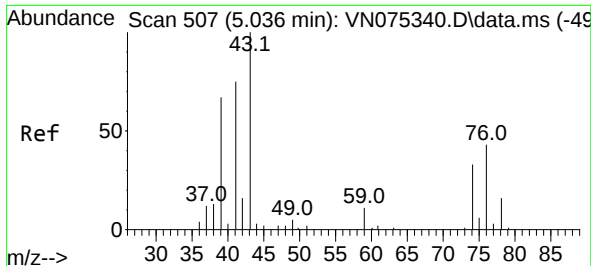
Tgt Ion: 43 Resp: 455236
Ion Ratio Lower Upper
43 100
58 34.0 25.5 38.3



#17
Carbon Disulfide
Concen: 0.269 ug/l
RT: 4.730 min Scan# 455
Delta R.T. 0.012 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion: 76 Resp: 1087
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#

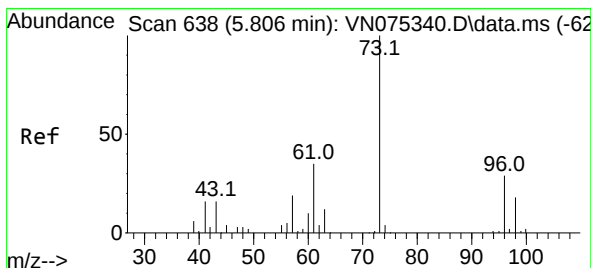
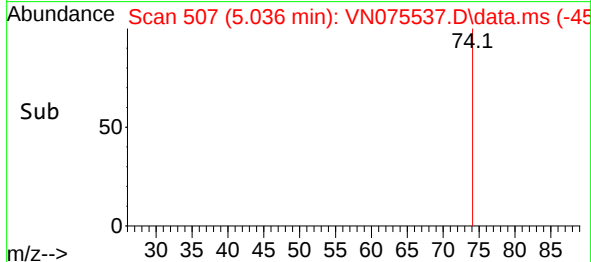
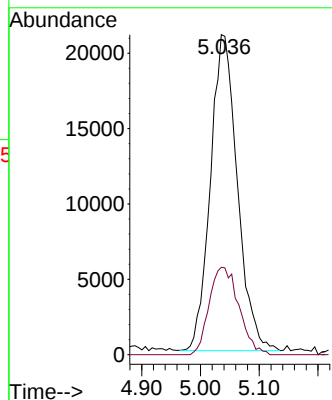
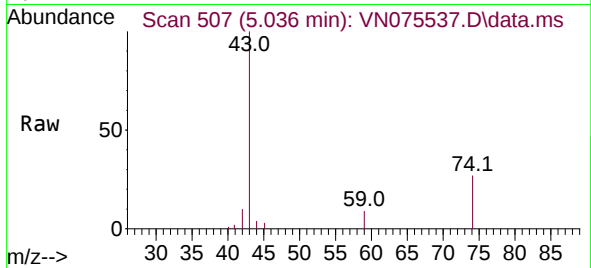




#18
Methyl Acetate
Concen: 31.131 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

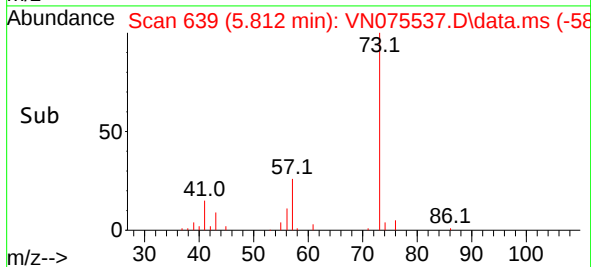
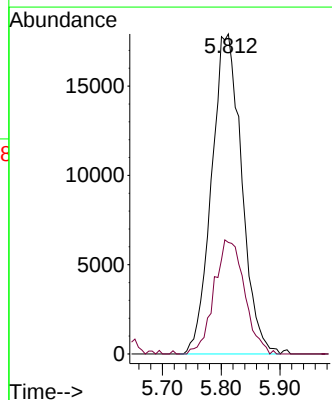
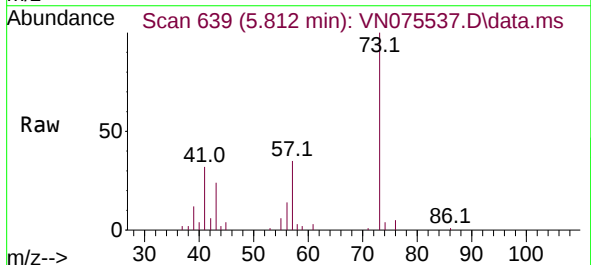
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

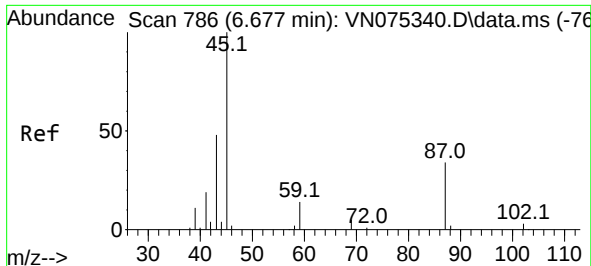
Tgt Ion: 43 Resp: 66970
Ion Ratio Lower Upper
43 100
74 30.4 22.0 33.0



#19
Methyl tert-butyl Ether
Concen: 11.552 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion: 73 Resp: 63589
Ion Ratio Lower Upper
73 100
57 34.9 16.3 24.5#

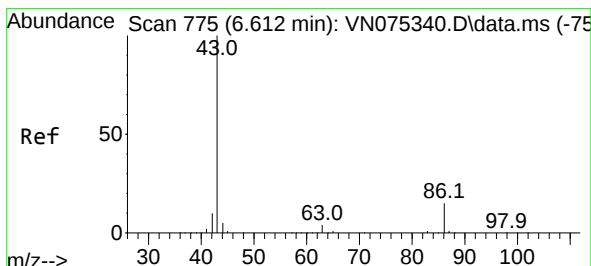
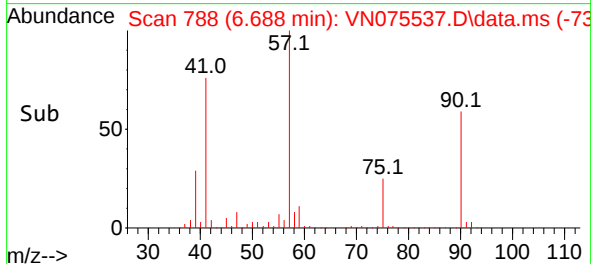
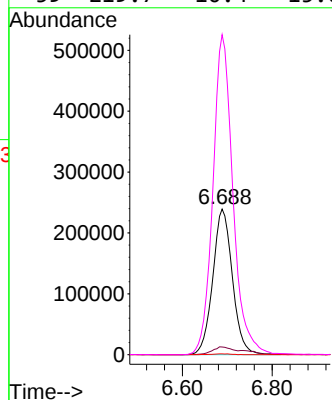
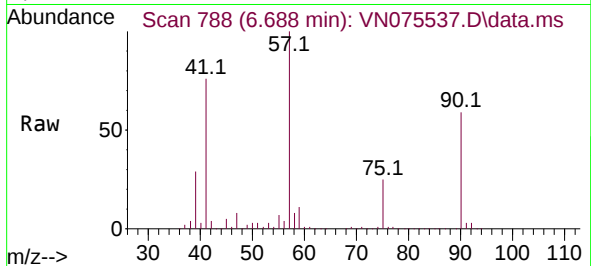




#22
Diisopropyl ether
Concen: 158.666 ug/l
RT: 6.688 min Scan# 778
Delta R.T. 0.011 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

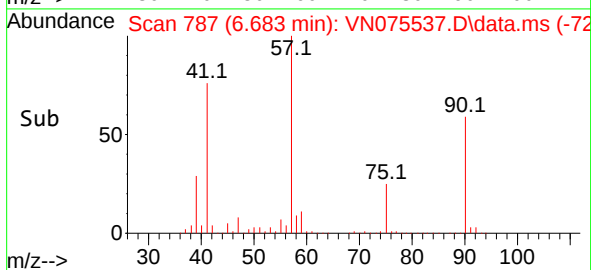
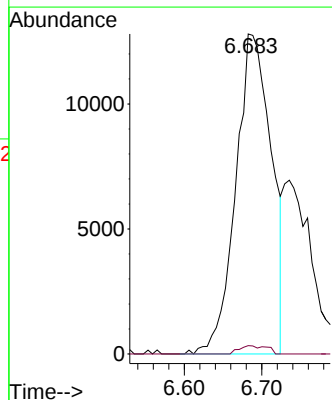
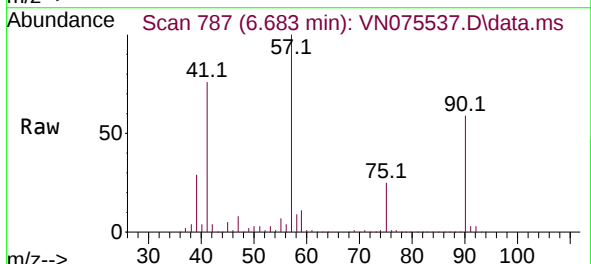
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

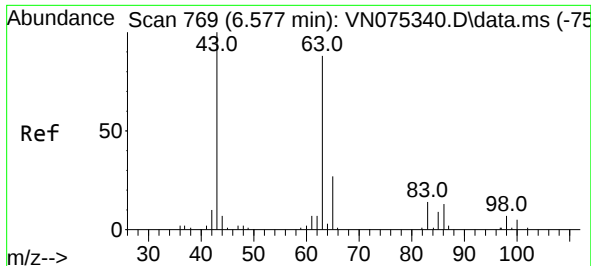
Tgt Ion: 45 Resp: 727747
Ion Ratio Lower Upper
45 100
43 5.3 42.8 64.2#
87 0.6 28.4 42.6#
59 219.7 10.4 15.6#



#23
Vinyl Acetate
Concen: 11.217 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.071 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion: 43 Resp: 40930
Ion Ratio Lower Upper
43 100
86 2.6 10.7 16.1#

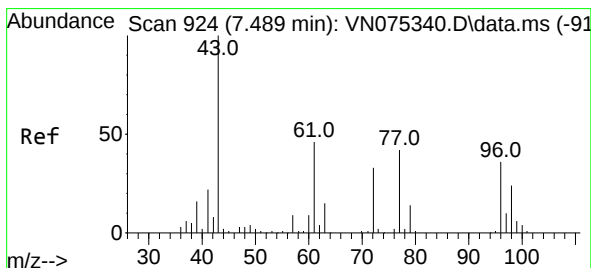
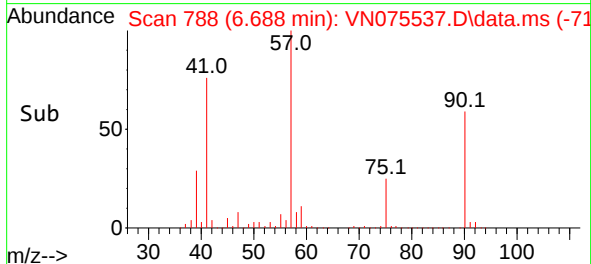
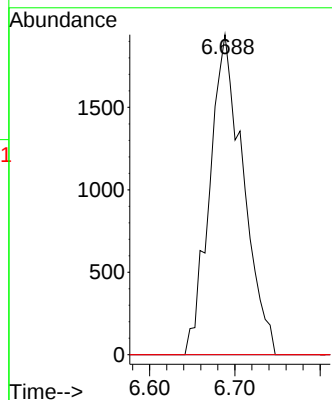
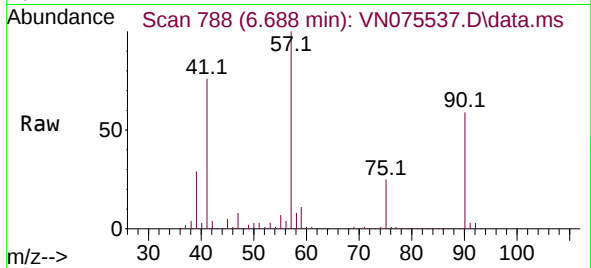




#24
 1,1-Dichloroethane
 Concen: 1.799 ug/l
 RT: 6.688 min Scan# 71
 Delta R.T. 0.111 min
 Lab File: VN075537.D
 Acq: 02 Dec 2022 17:17

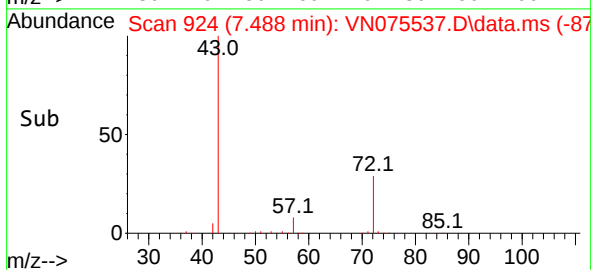
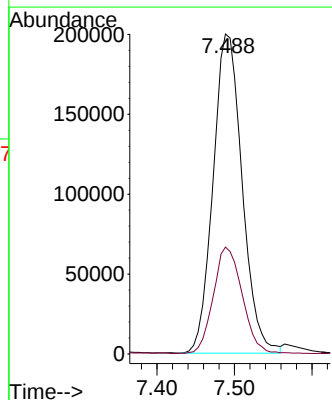
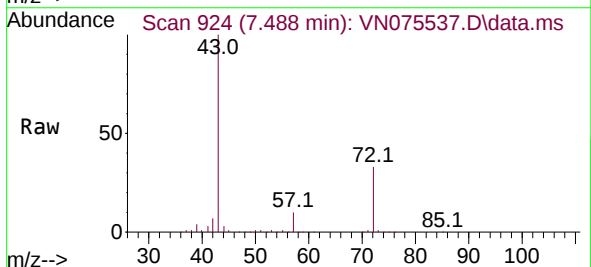
Instrument :
 MSVOA_N
 ClientSampleId :
 SAY2-VRG-1201

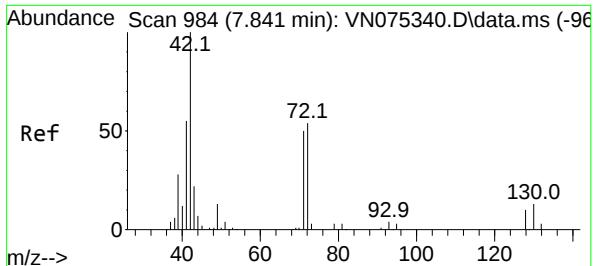
Tgt Ion: 63 Resp: 5295
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.8#
 100 0.0 2.4 7.2#



#25
 2-Butanone
 Concen: 443.849 ug/l
 RT: 7.488 min Scan# 924
 Delta R.T. -0.001 min
 Lab File: VN075537.D
 Acq: 02 Dec 2022 17:17

Tgt Ion: 43 Resp: 520598
 Ion Ratio Lower Upper
 43 100
 72 33.2 25.5 38.3





#29

Tetrahydrofuran

Concen: 32.200 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075537.D

Acq: 02 Dec 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

SAY2-VRG-1201

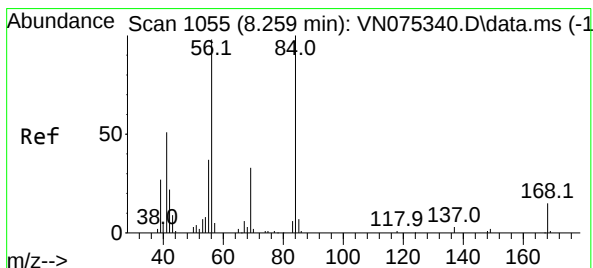
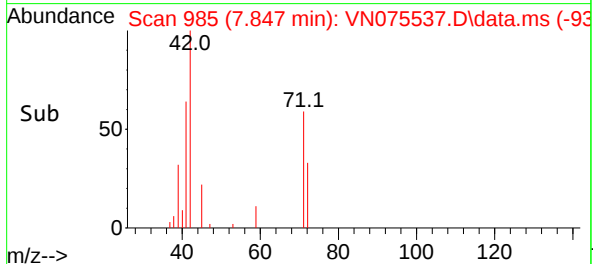
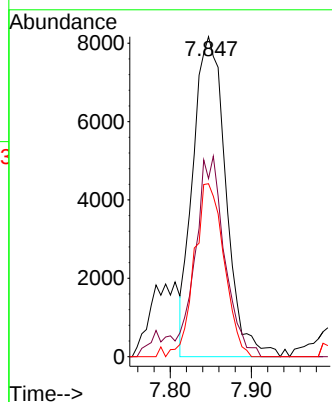
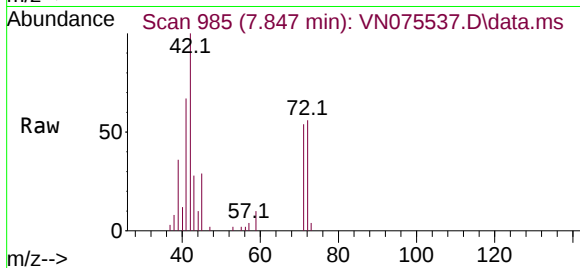
Tgt Ion: 42 Resp: 22973

Ion Ratio Lower Upper

42 100

72 55.4 43.0 64.6

71 48.8 39.9 59.9



#31

Cyclohexane

Concen: 5.302 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN075537.D

Acq: 02 Dec 2022 17:17

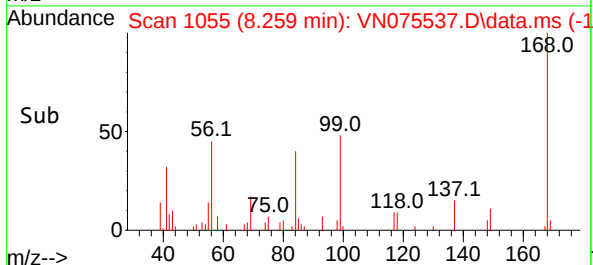
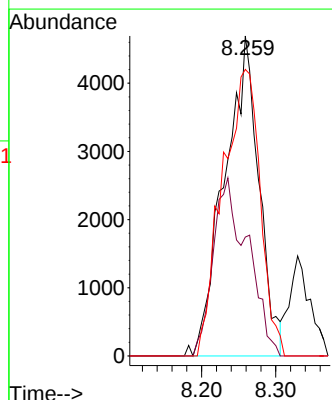
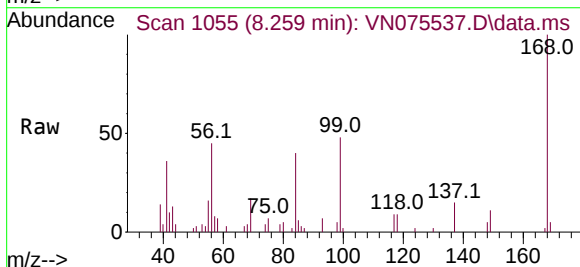
Tgt Ion: 56 Resp: 15171

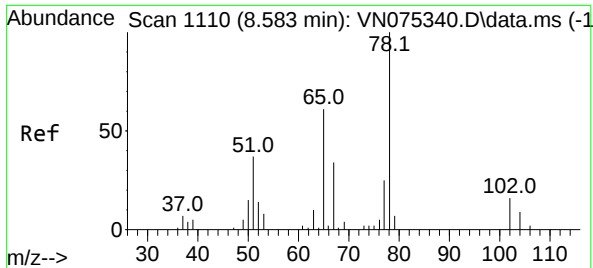
Ion Ratio Lower Upper

56 100

69 37.2 25.2 37.8

84 89.6 77.8 116.8

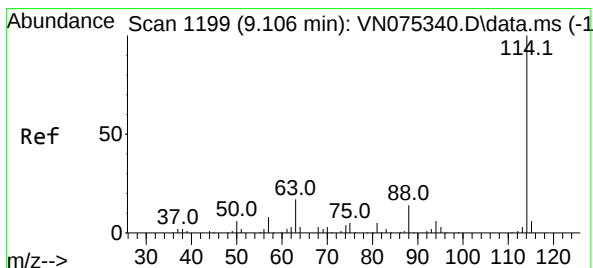
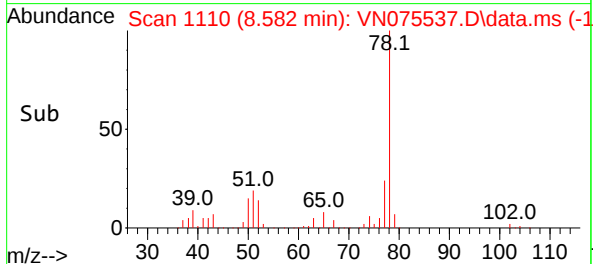
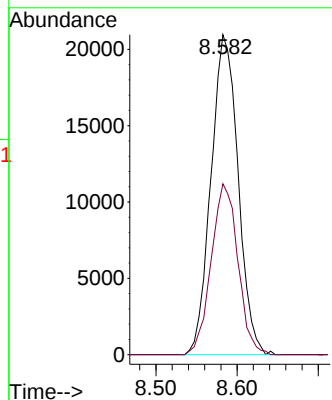
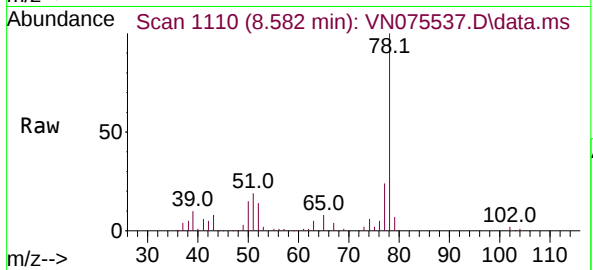




#33
 1,2-Dichloroethane-d4
 Concen: 53.961 ug/l
 RT: 8.582 min Scan# 1110
 Delta R.T. -0.001 min
 Lab File: VN075537.D
 Acq: 02 Dec 2022 17:17

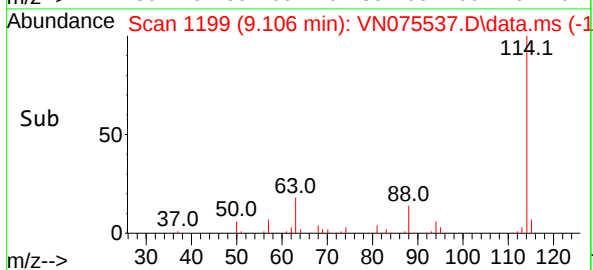
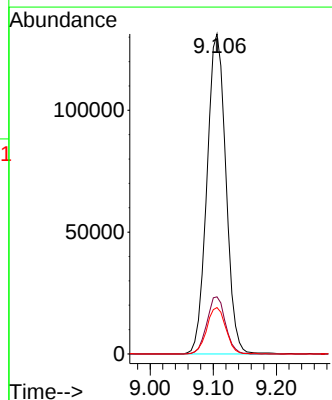
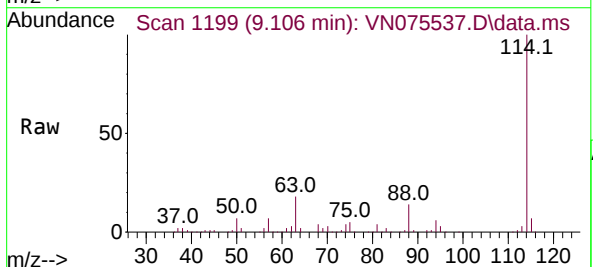
Instrument :
 MSVOA_N
 ClientSampleId :
 SAY2-VRG-1201

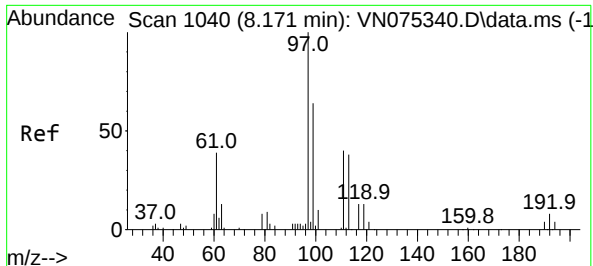
Tgt Ion: 65 Resp: 48602
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. -0.000 min
 Lab File: VN075537.D
 Acq: 02 Dec 2022 17:17

Tgt Ion: 114 Resp: 273552
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 39.6
 88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.259 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075537.D

Acq: 02 Dec 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

SAY2-VRG-1201

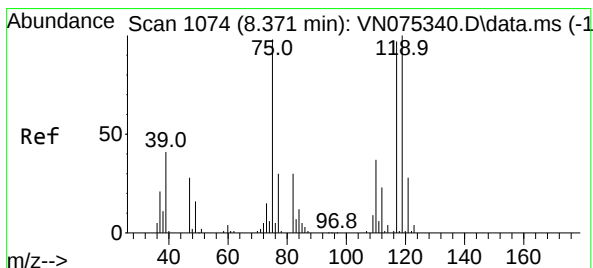
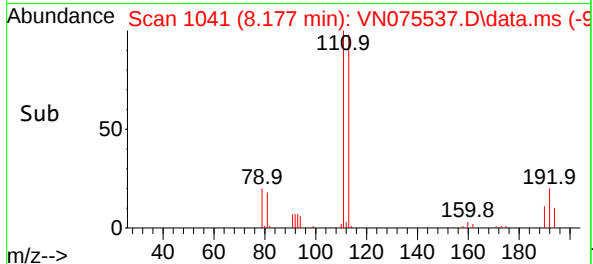
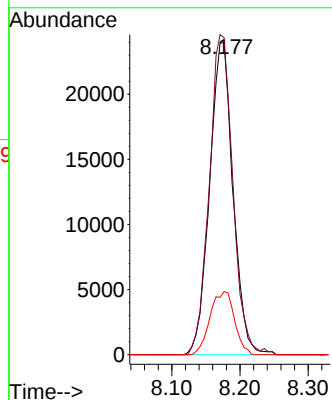
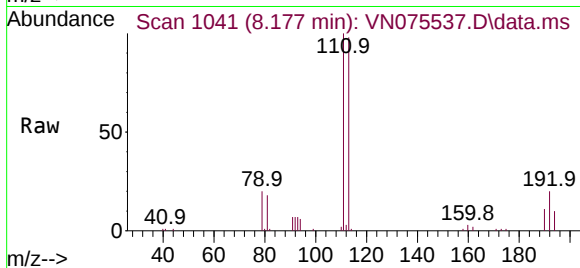
Tgt Ion:113 Resp: 57232

Ion Ratio Lower Upper

113 100

111 103.3 80.5 120.7

192 21.1 13.2 19.8#



#36

1,1-Dichloropropene

Concen: 4.899 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.147 min

Lab File: VN075537.D

Acq: 02 Dec 2022 17:17

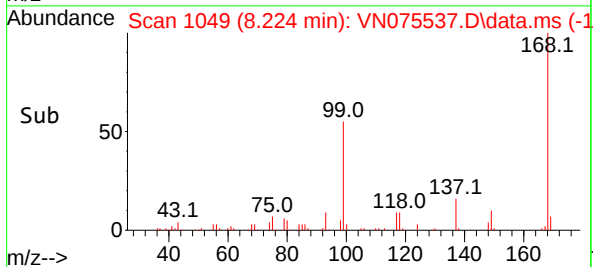
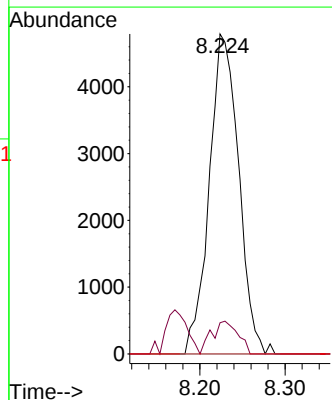
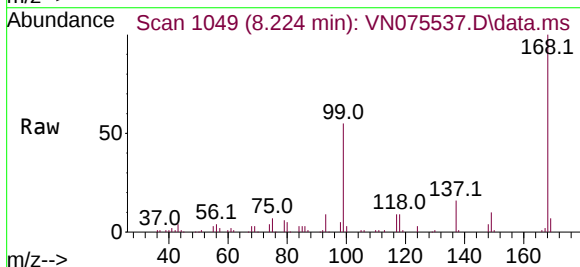
Tgt Ion: 75 Resp: 11481

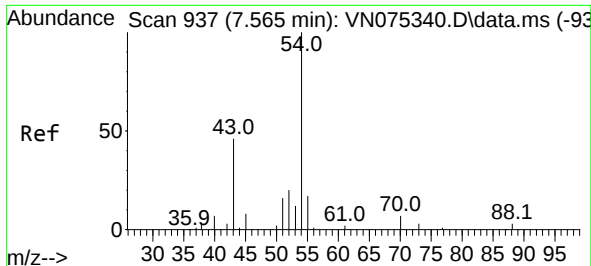
Ion Ratio Lower Upper

75 100

110 9.2 17.8 53.3#

77 0.0 24.6 37.0#

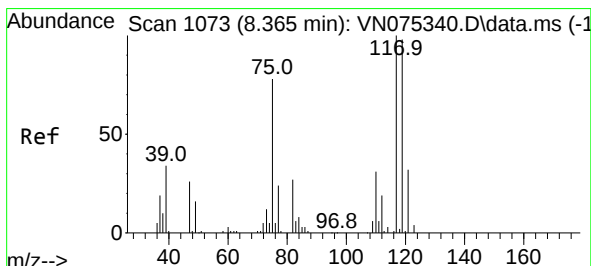
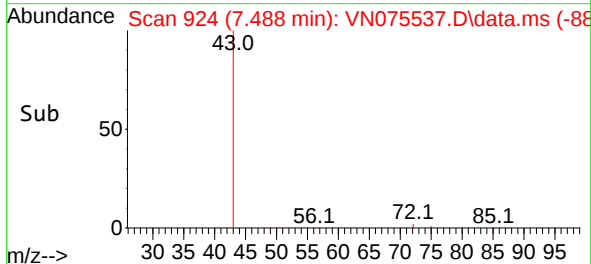
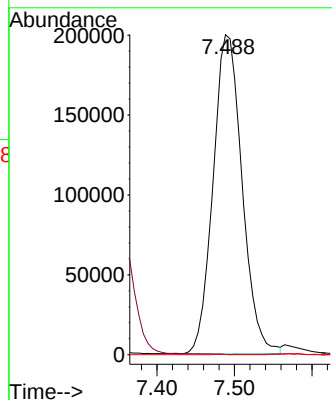
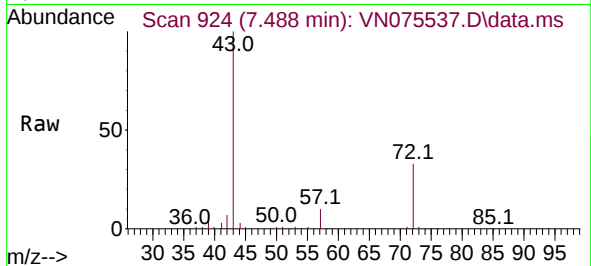




#37
Ethyl Acetate
Concen: 246.716 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.077 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

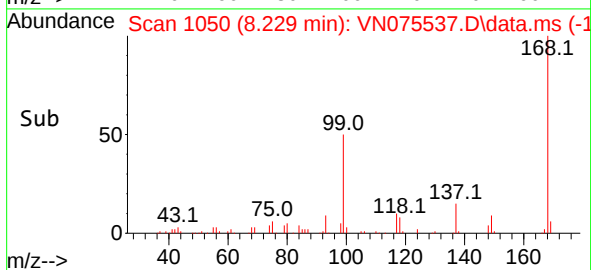
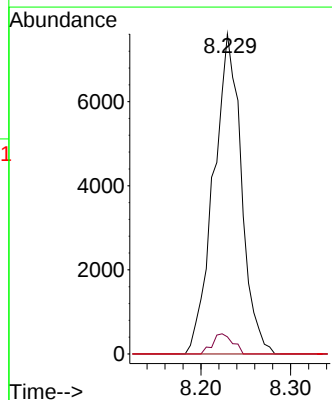
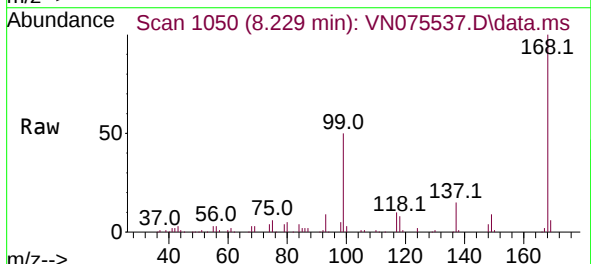
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

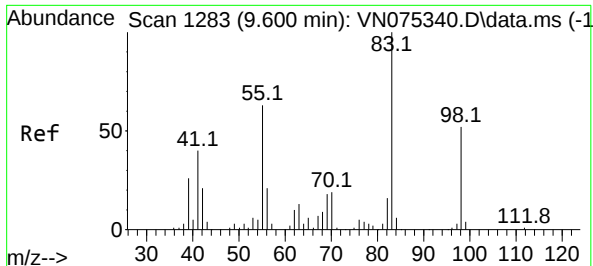
Tgt Ion: 43 Resp: 520598
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.4#
70 0.0 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 6.357 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.136 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion: 117 Resp: 16364
Ion Ratio Lower Upper
117 100
119 5.4 76.7 115.1#
121 0.0 23.9 35.9#





#39

Methylcyclohexane

Concen: 5.406 ug/l

RT: 9.600 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075537.D

Acq: 02 Dec 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

SAY2-VRG-1201

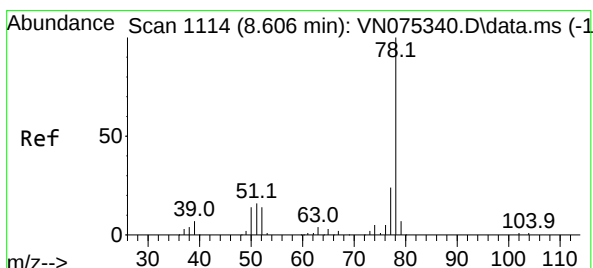
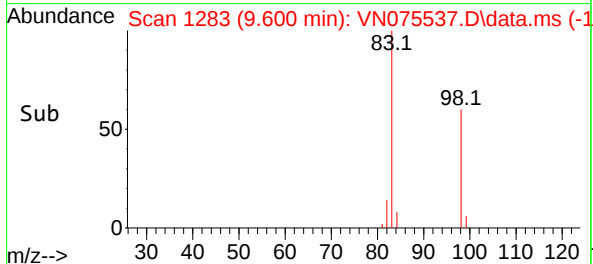
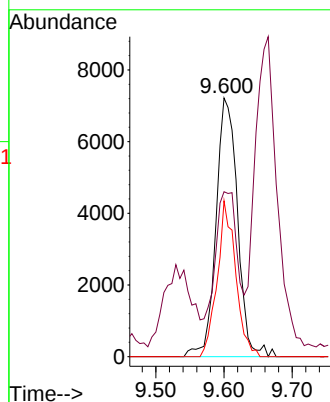
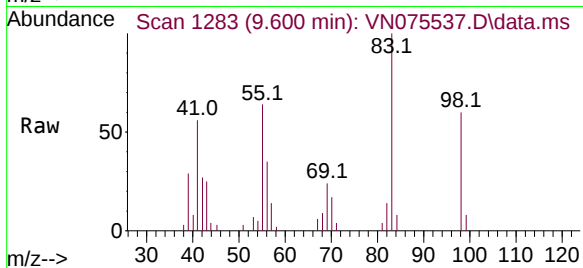
Tgt Ion: 83 Resp: 15856

Ion Ratio Lower Upper

83 100

55 33.5 53.6 80.4#

98 60.3 41.1 61.7



#40

Benzene

Concen: 546.879 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075537.D

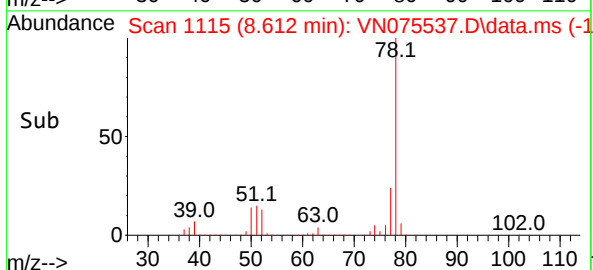
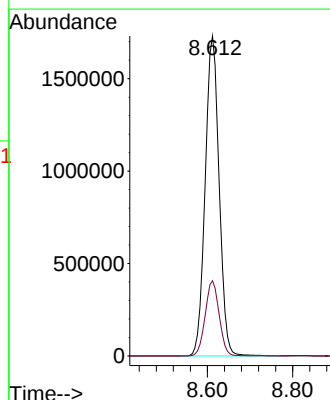
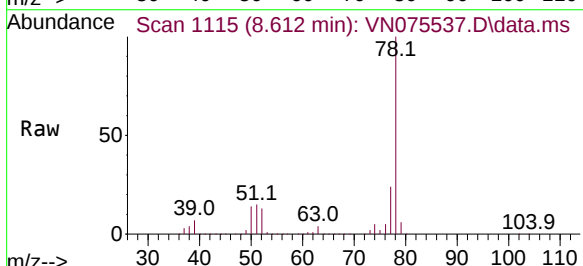
Acq: 02 Dec 2022 17:17

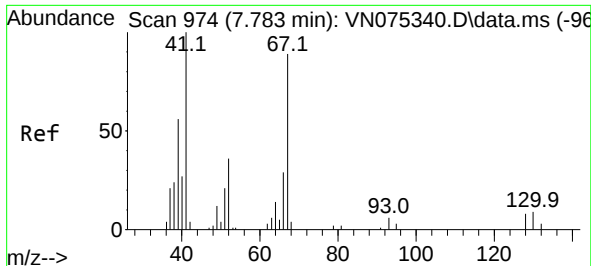
Tgt Ion: 78 Resp: 3923838

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0

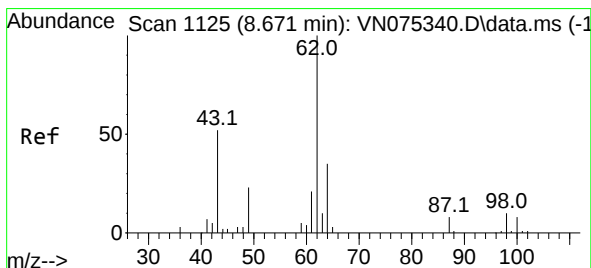
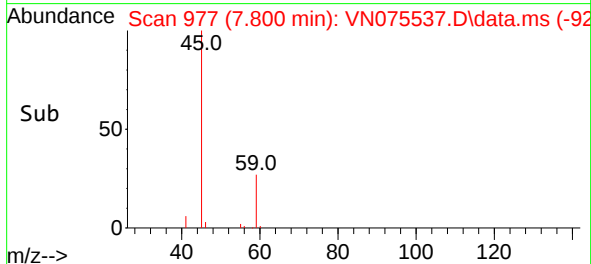
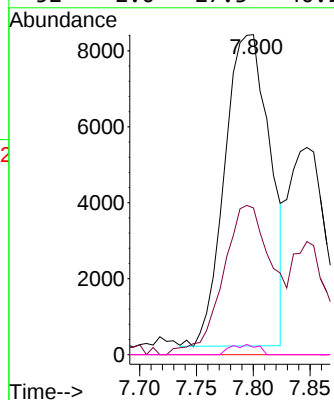
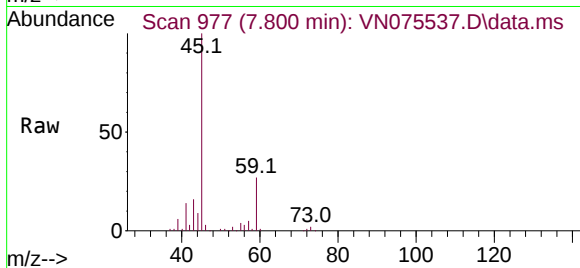




#41
Methacrylonitrile
Concen: 21.076 ug/l
RT: 7.800 min Scan# 91
Delta R.T. 0.017 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

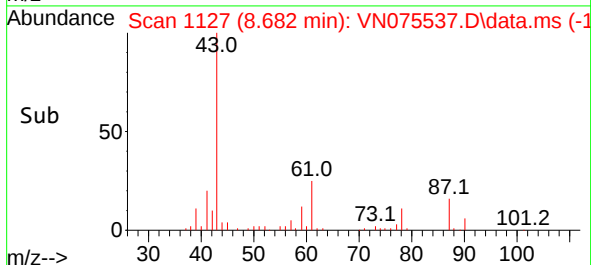
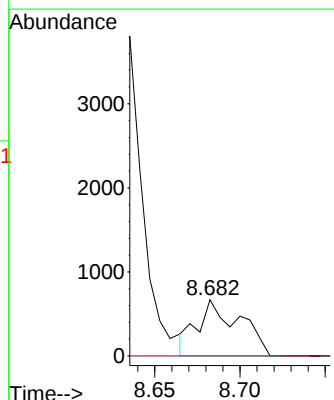
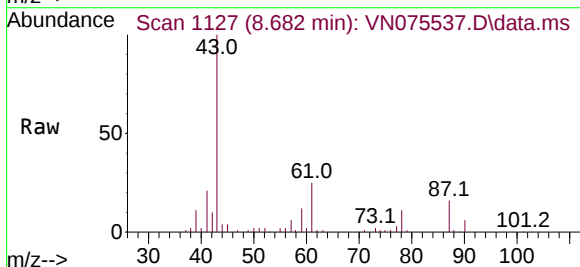
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

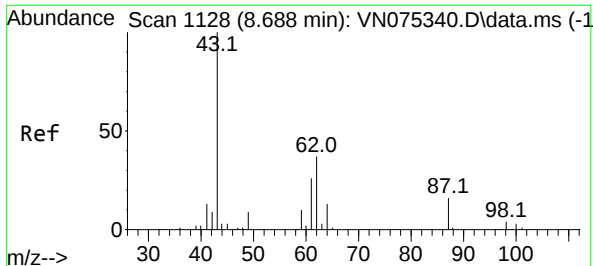
Tgt Ion: 41 Resp: 22737
Ion Ratio Lower Upper
41 100
39 53.0 44.4 66.6
67 0.0 69.8 104.6#
52 2.0 27.3 40.9#



#42
1,2-Dichloroethane
Concen: 0.478 ug/l
RT: 8.682 min Scan# 1127
Delta R.T. 0.011 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion: 62 Resp: 1148
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2

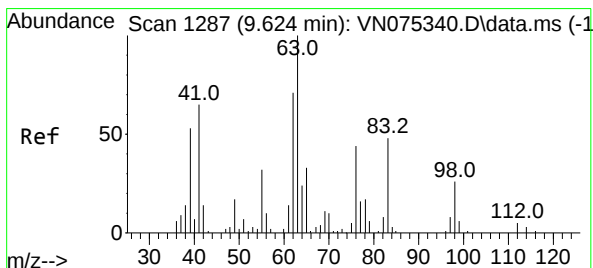
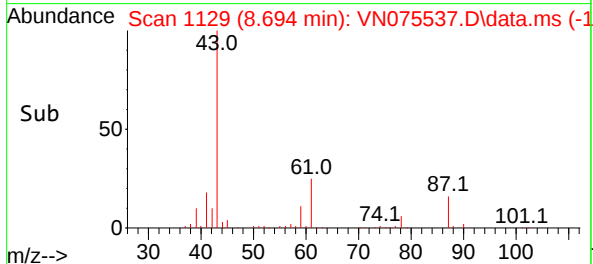
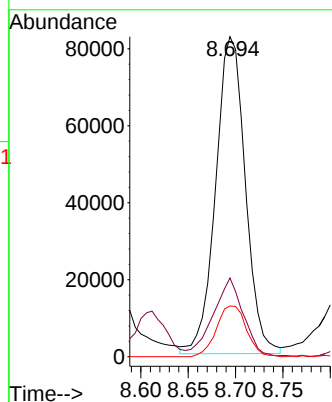
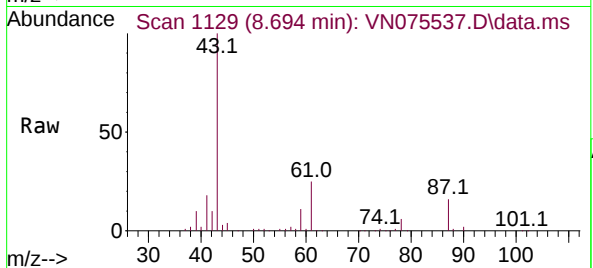




#43
Isopropyl Acetate
Concen: 53.070 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

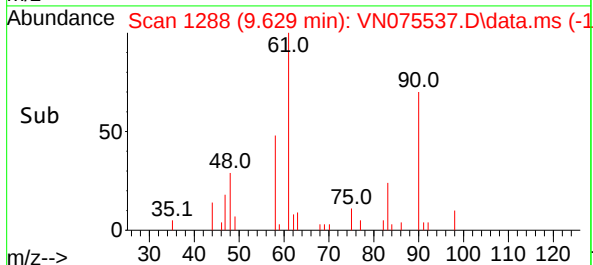
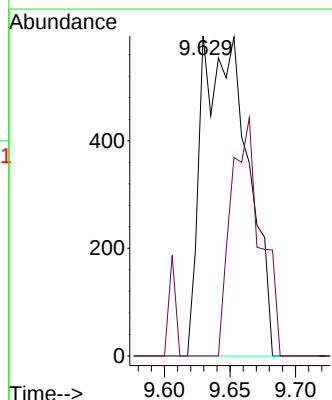
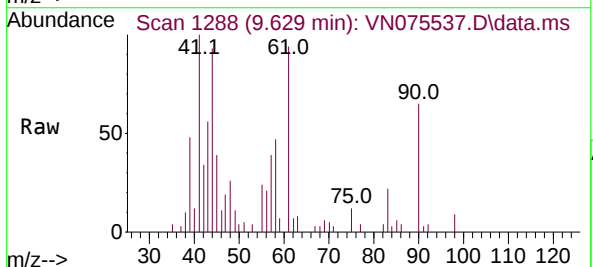
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

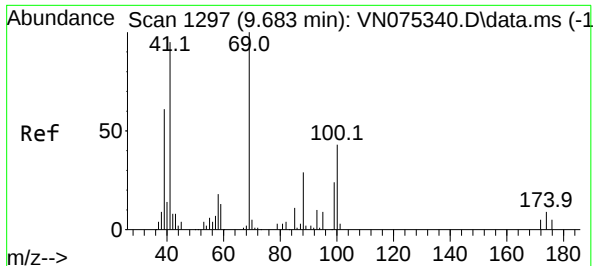
Tgt Ion: 43 Resp: 179748
Ion Ratio Lower Upper
43 100
61 25.4 22.4 33.6
87 16.2 12.5 18.7



#45
1,2-Dichloropropane
Concen: 0.853 ug/l
RT: 9.629 min Scan# 1288
Delta R.T. 0.005 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion: 63 Resp: 1458
Ion Ratio Lower Upper
63 100
65 0.0 26.1 39.1#





#48

Methyl methacrylate

Concen: 66.456 ug/l

RT: 9.659 min Scan# 11

Delta R.T. -0.024 min

Lab File: VN075537.D

Acq: 02 Dec 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

SAY2-VRG-1201

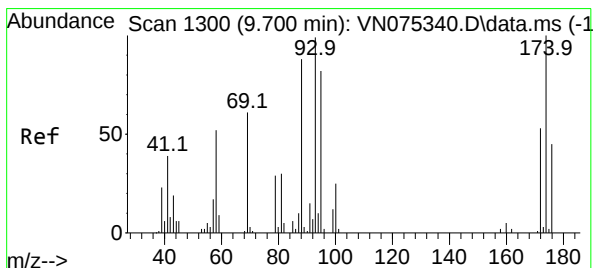
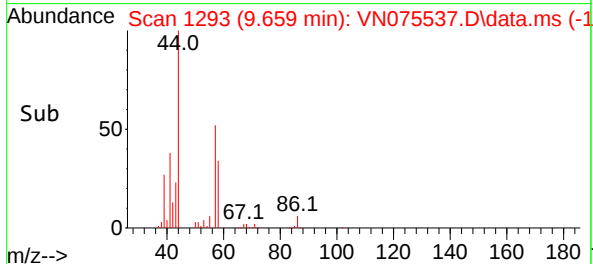
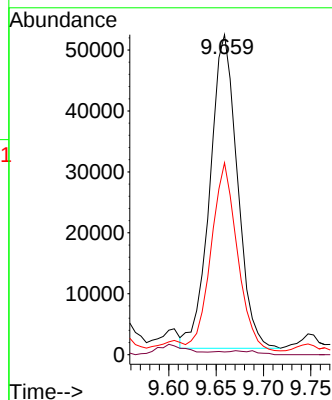
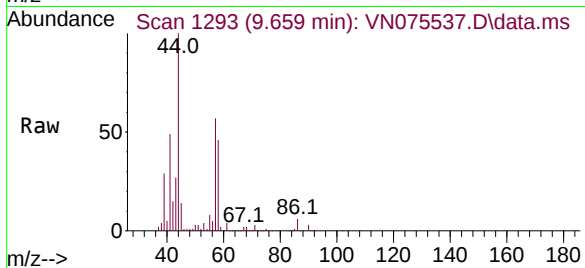
Tgt Ion: 41 Resp: 104078

Ion Ratio Lower Upper

41 100

69 1.2 80.2 120.2#

39 58.3 56.2 84.2



#49

1,4-Dioxane

Concen: 180.319 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN075537.D

Acq: 02 Dec 2022 17:17

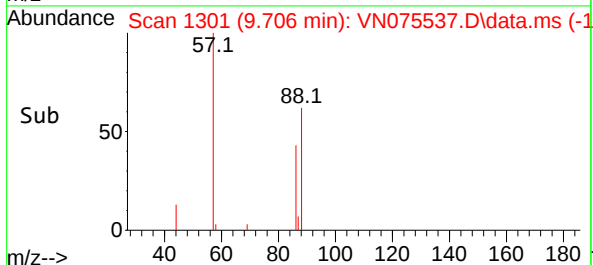
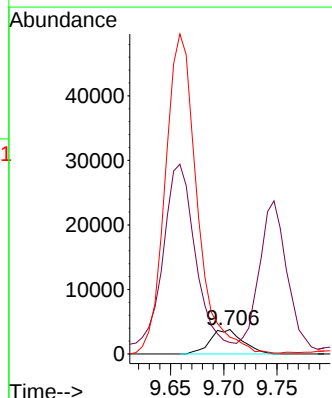
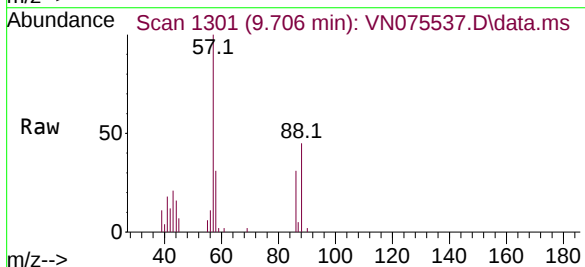
Tgt Ion: 88 Resp: 8019

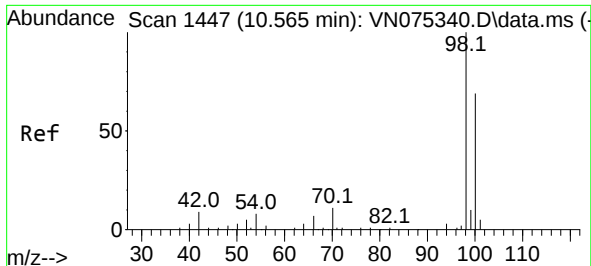
Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3#

58 0.0 49.8 74.8#

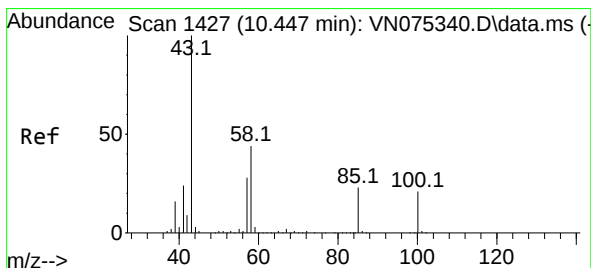
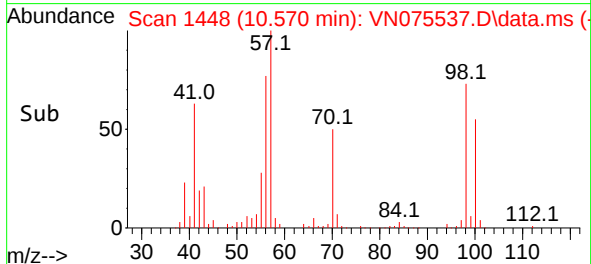
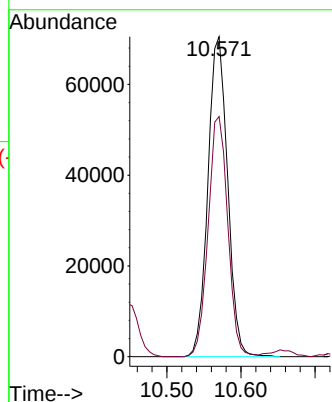
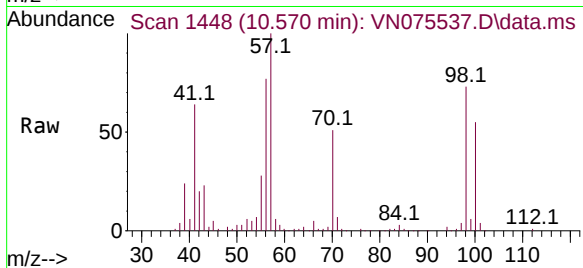




#50
Toluene-d8
Concen: 53.697 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. 0.005 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

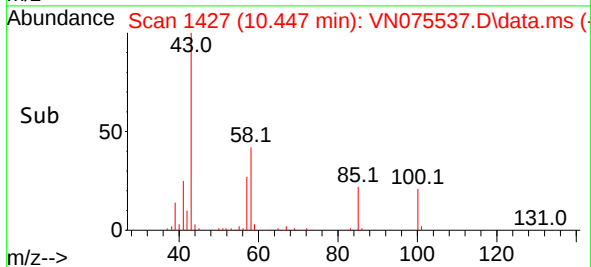
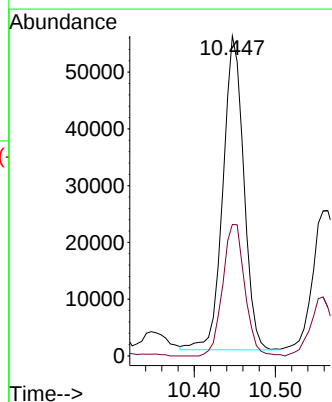
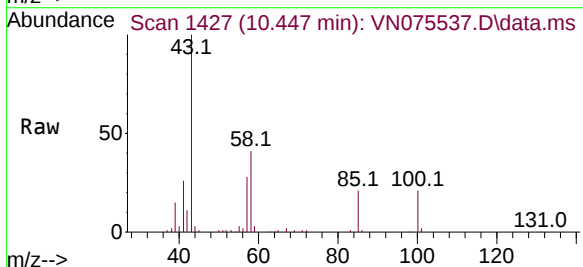
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

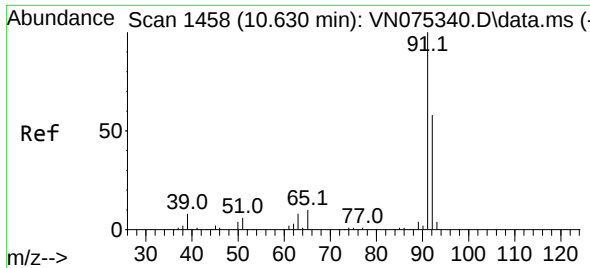
Tgt Ion: 98 Resp: 129962
Ion Ratio Lower Upper
98 100
100 74.9 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 45.724 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion: 43 Resp: 98638
Ion Ratio Lower Upper
43 100
58 44.5 33.6 50.4

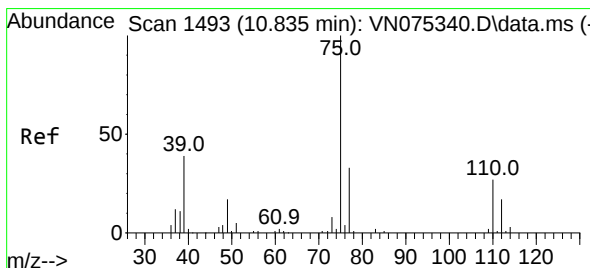
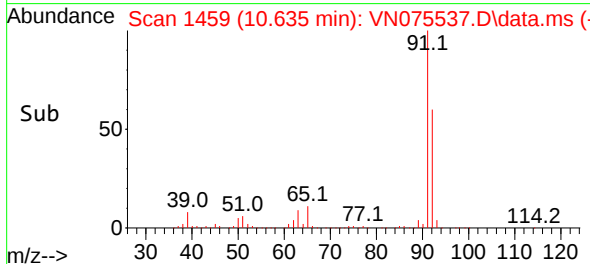
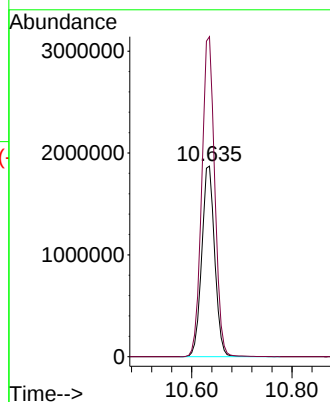
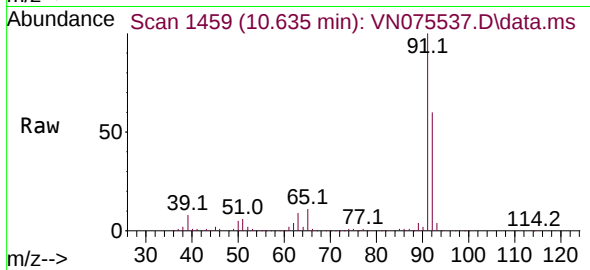




#52
Toluene
Concen: 725.442 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.005 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

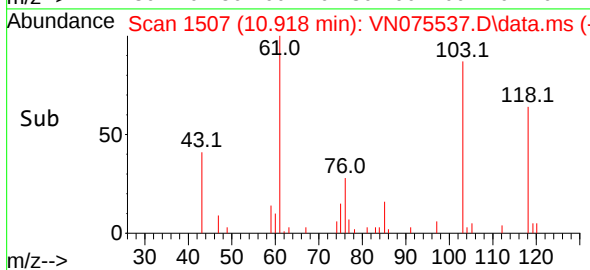
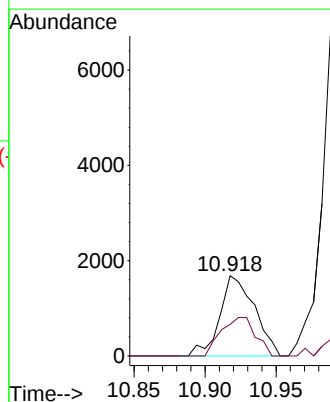
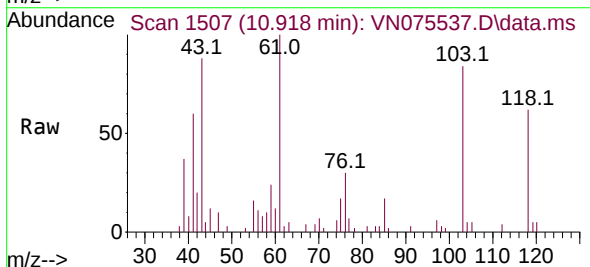
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

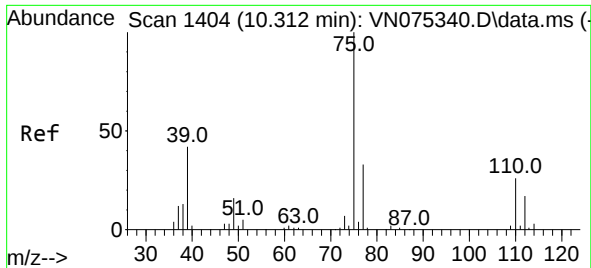
Tgt Ion: 92 Resp: 3354169
Ion Ratio Lower Upper
92 100
91 168.6 135.4 203.2



#53
t-1,3-Dichloropropene
Concen: 1.140 ug/l
RT: 10.918 min Scan# 1507
Delta R.T. 0.083 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion: 75 Resp: 2867
Ion Ratio Lower Upper
75 100
77 39.3 25.4 38.2#

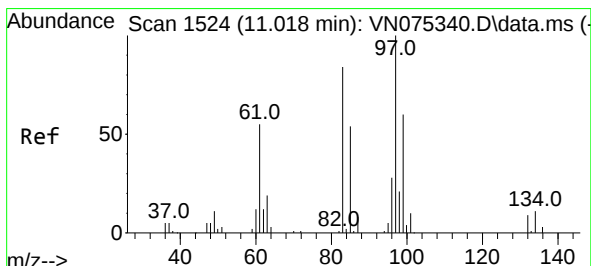
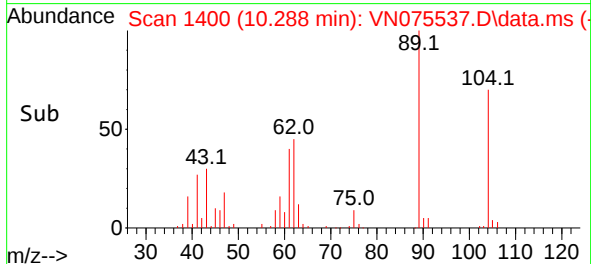
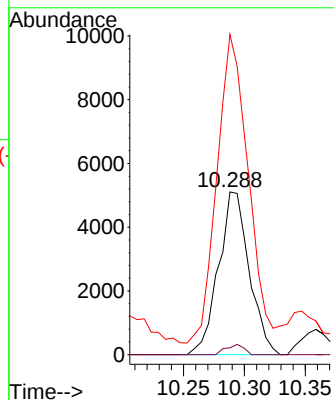
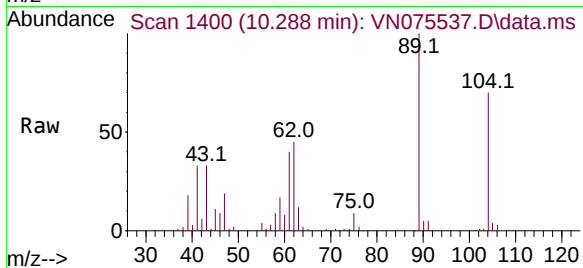




#54
 cis-1,3-Dichloropropene
 Concen: 3.280 ug/l
 RT: 10.288 min Scan# 1404
 Delta R.T. -0.024 min
 Lab File: VN075537.D
 Acq: 02 Dec 2022 17:17

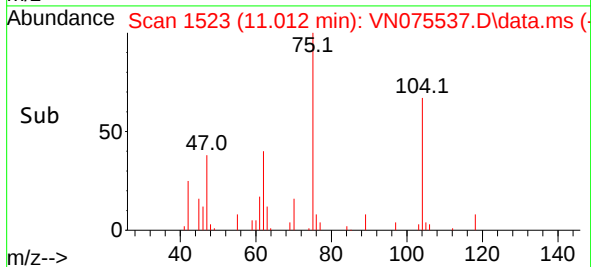
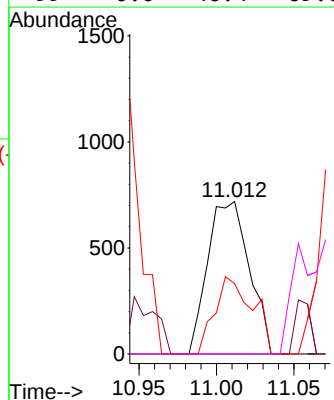
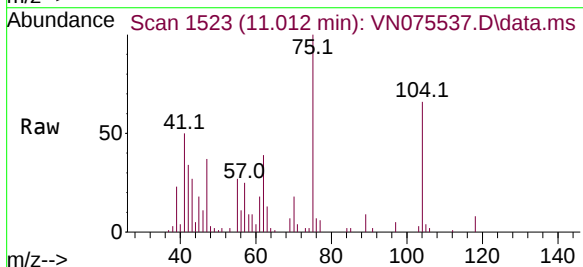
Instrument :
 MSVOA_N
 ClientSampleId :
 SAY2-VRG-1201

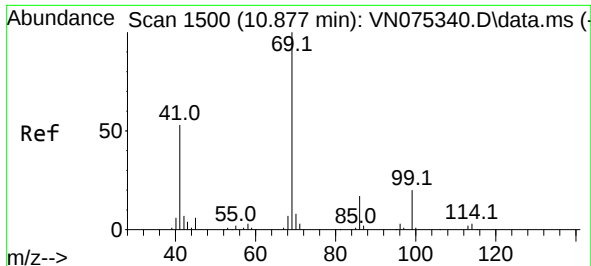
Tgt Ion: 75 Resp: 8958
 Ion Ratio Lower Upper
 75 100
 77 4.2 23.7 35.5#
 39 189.2 35.8 53.6#



#55
 1,1,2-Trichloroethane
 Concen: 0.714 ug/l
 RT: 11.012 min Scan# 1523
 Delta R.T. -0.006 min
 Lab File: VN075537.D
 Acq: 02 Dec 2022 17:17

Tgt Ion: 97 Resp: 1345
 Ion Ratio Lower Upper
 97 100
 83 0.0 65.9 98.9#
 85 46.2 40.4 60.6
 99 0.0 46.4 69.6#

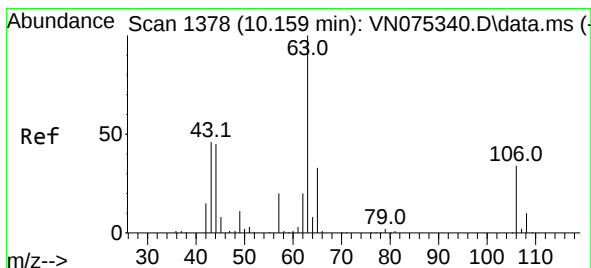
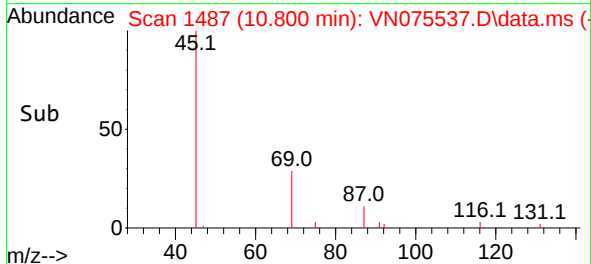
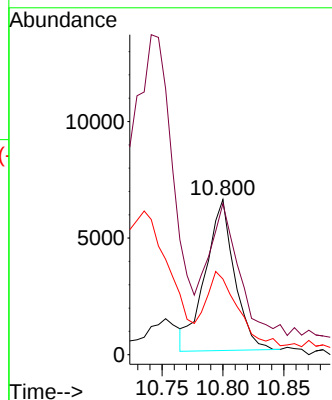
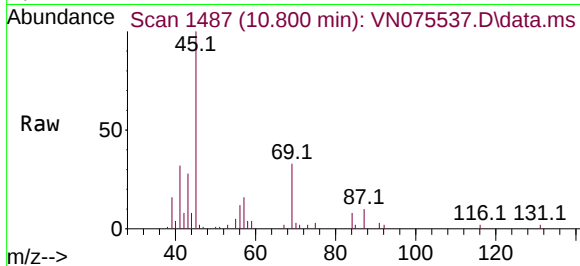




#56
Ethyl methacrylate
Concen: 4.224 ug/l
RT: 10.800 min Scan# 1400
Delta R.T. -0.077 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

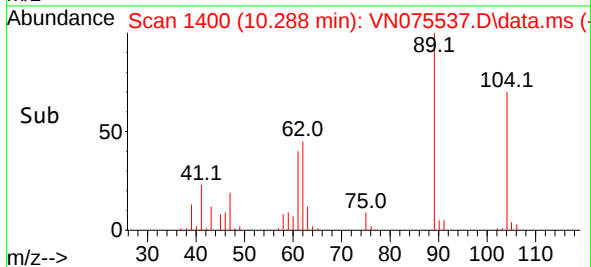
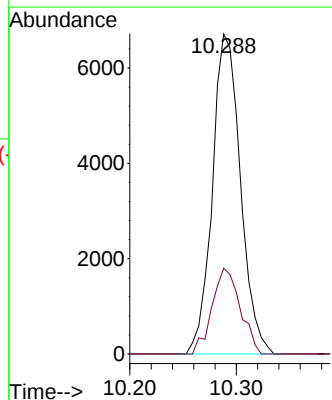
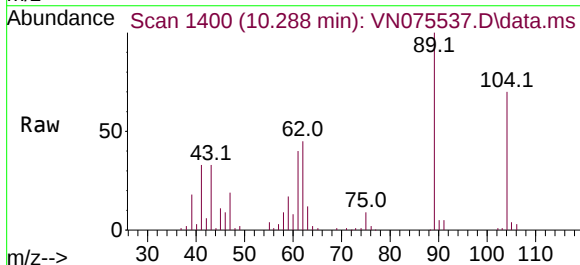
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

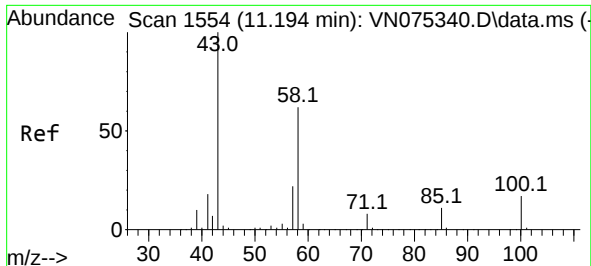
Tgt Ion: 69 Resp: 10743
Ion Ratio Lower Upper
69 100
41 0.0 45.6 68.4#
39 0.0 28.5 42.7#



#58
2-Chloroethyl Vinyl ether
Concen: 13.393 ug/l
RT: 10.288 min Scan# 1400
Delta R.T. 0.129 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion: 63 Resp: 12284
Ion Ratio Lower Upper
63 100
106 26.9 24.8 37.2

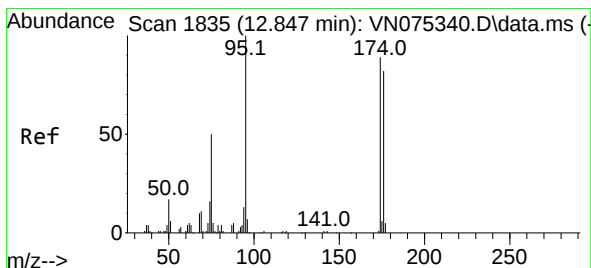
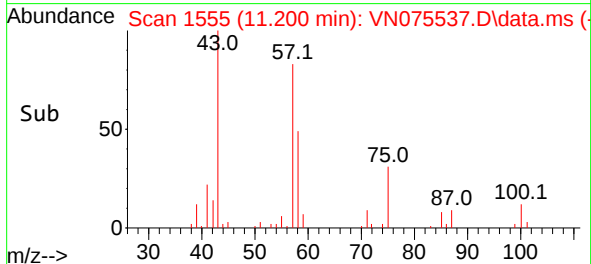
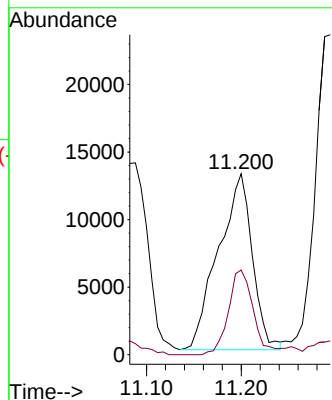
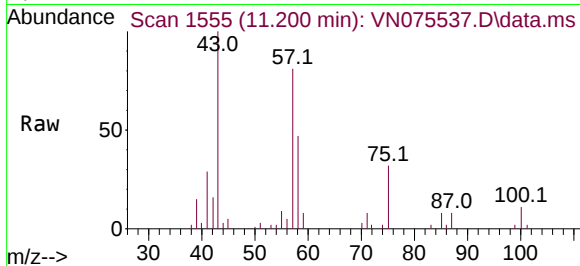




#59
2-Hexanone
Concen: 20.019 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

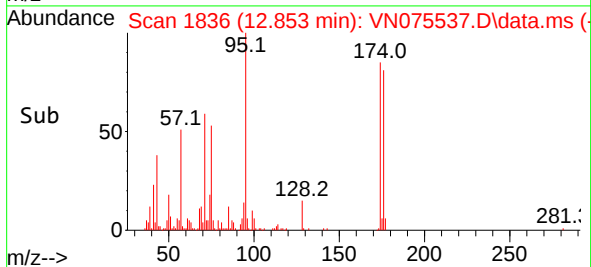
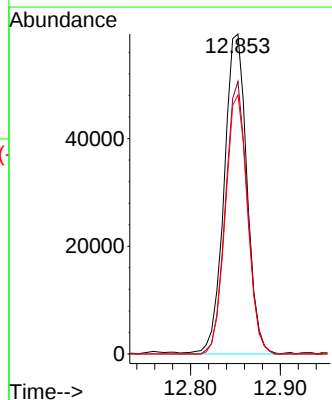
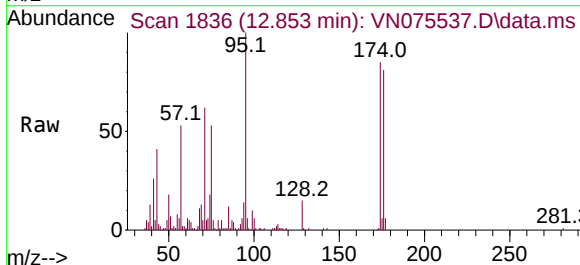
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

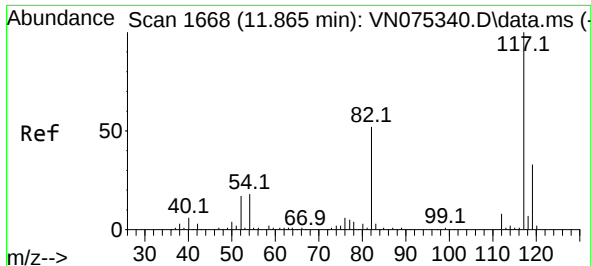
Tgt Ion: 43 Resp: 32429
Ion Ratio Lower Upper
43 100
58 35.4 29.6 88.8



#62
4-Bromofluorobenzene
Concen: 58.578 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion: 95 Resp: 104647
Ion Ratio Lower Upper
95 100
174 82.1 0.0 147.4
176 78.8 0.0 142.2

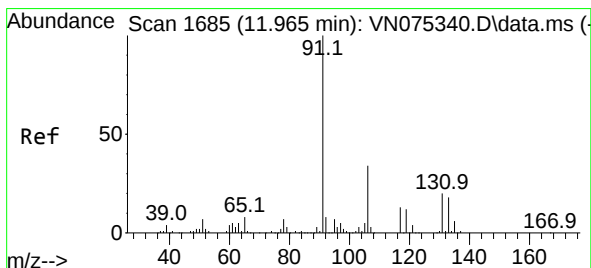
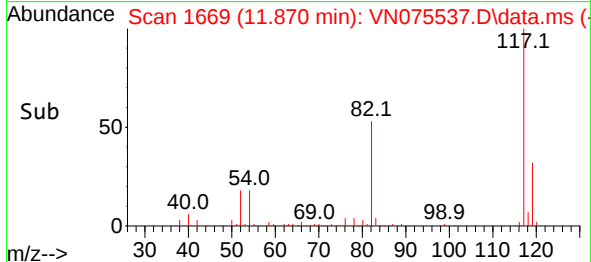
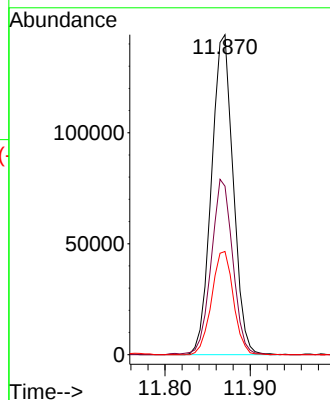
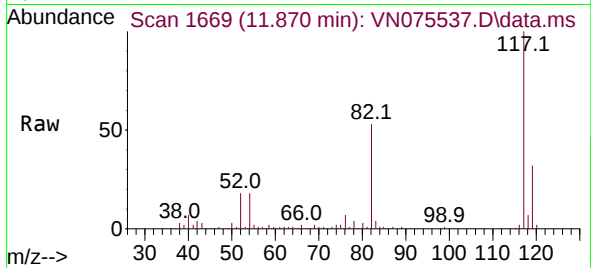




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

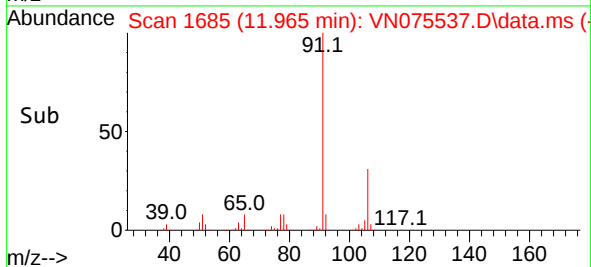
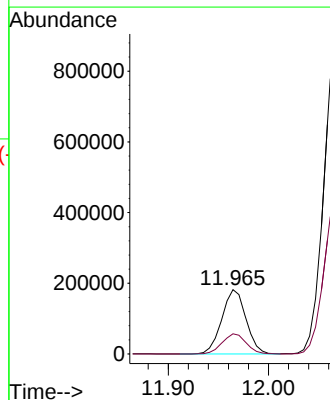
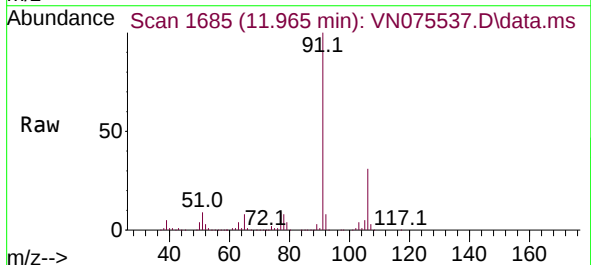
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

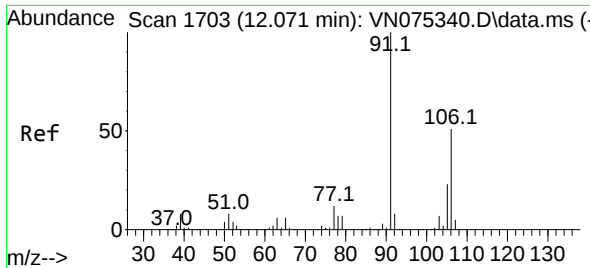
Tgt Ion:117 Resp: 254936
Ion Ratio Lower Upper
117 100
82 52.5 43.1 64.7
119 32.2 25.5 38.3



#67
Ethyl Benzene
Concen: 33.777 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion: 91 Resp: 303394
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

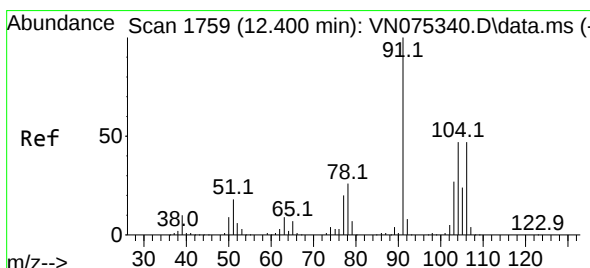
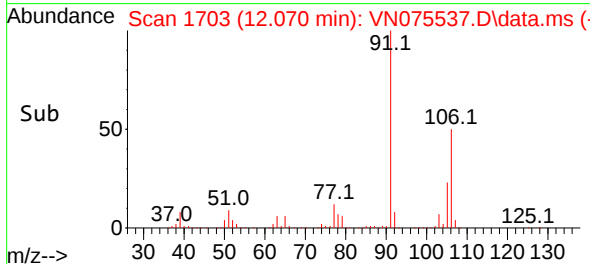
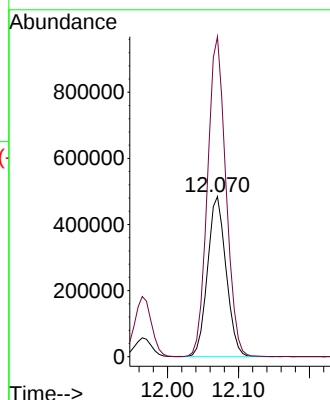
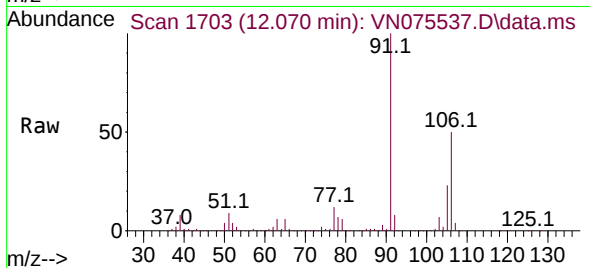




#68
m/p-Xylenes
Concen: 240.871 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

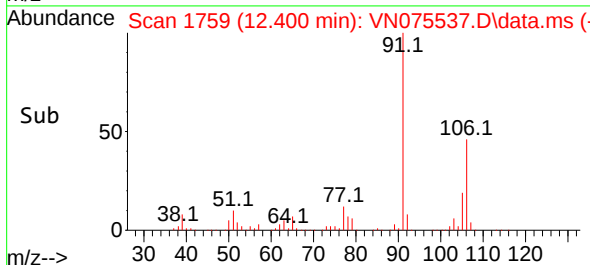
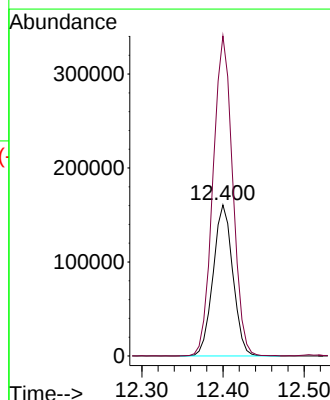
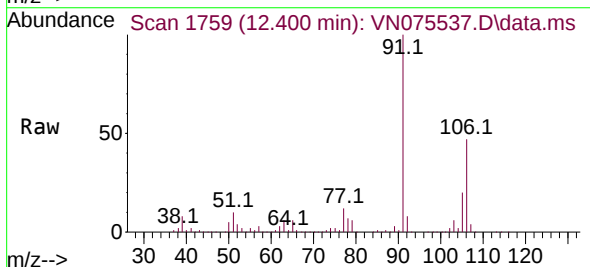
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

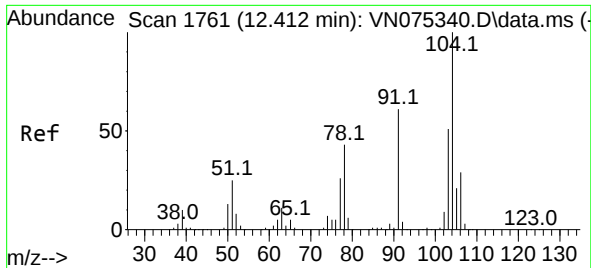
Tgt Ion:106 Resp: 878590
Ion Ratio Lower Upper
106 100
91 198.8 156.0 234.0



#69
o-Xylene
Concen: 74.891 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion:106 Resp: 271412
Ion Ratio Lower Upper
106 100
91 212.0 105.2 315.5

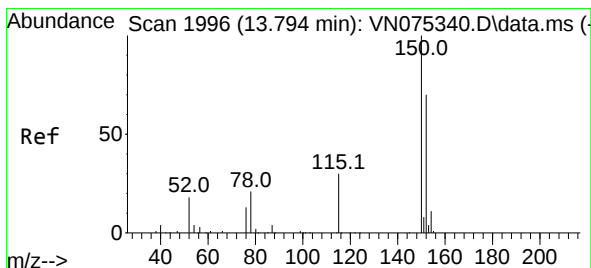
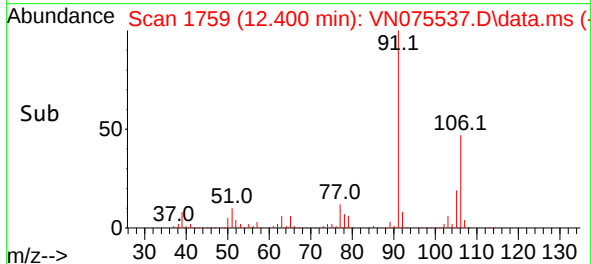
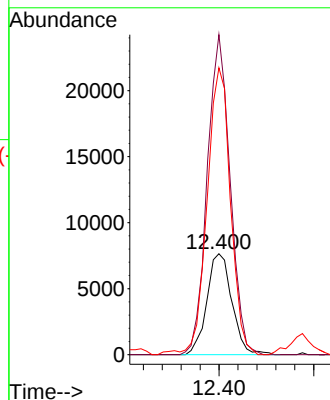
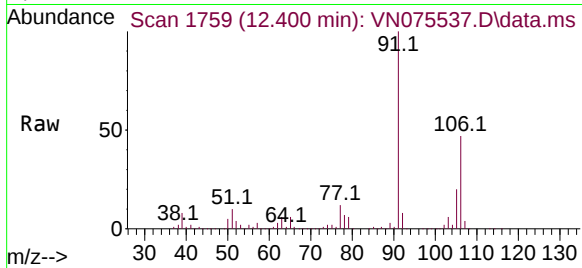




#70
Styrene
Concen: 2.455 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

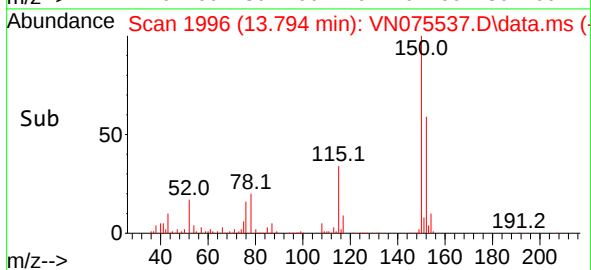
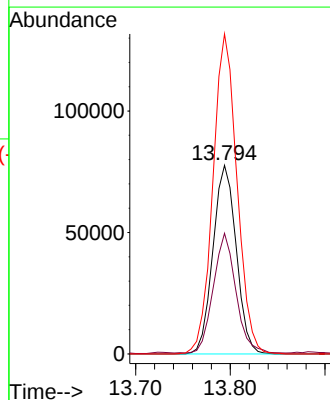
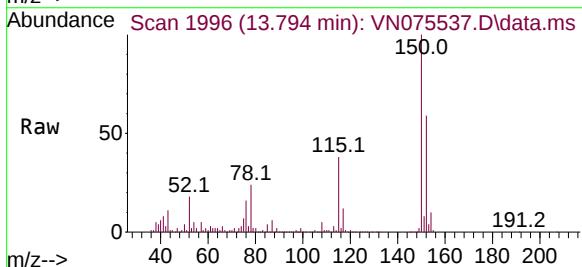
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

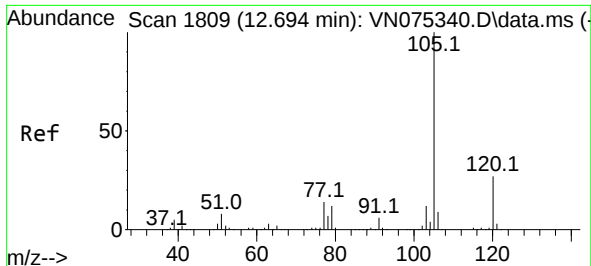
Tgt Ion:104 Resp: 14037
Ion Ratio Lower Upper
104 100
78 289.1 38.1 57.1#
103 266.4 44.6 66.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion:152 Resp: 132656
Ion Ratio Lower Upper
152 100
115 61.8 30.2 90.6
150 175.5 0.0 348.4

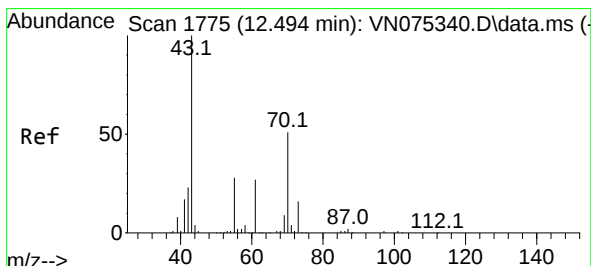
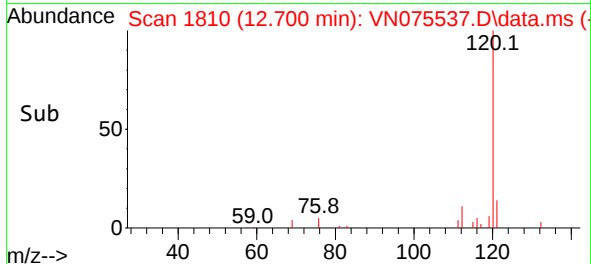
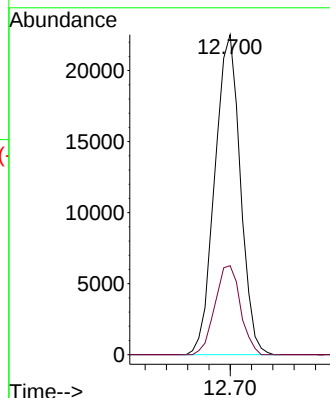
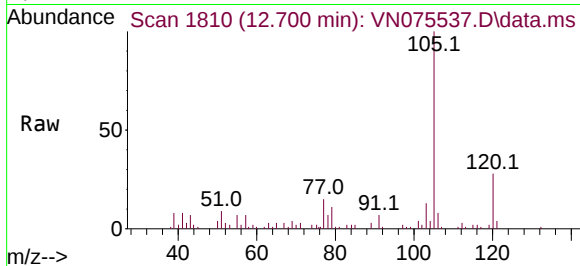




#73
Isopropylbenzene
Concen: 3.865 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

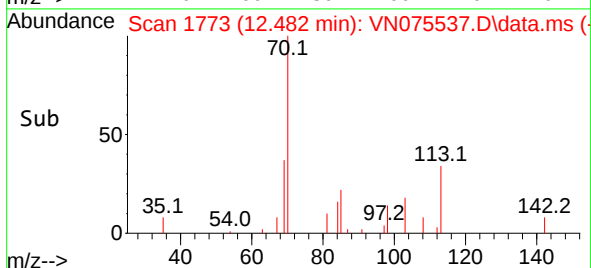
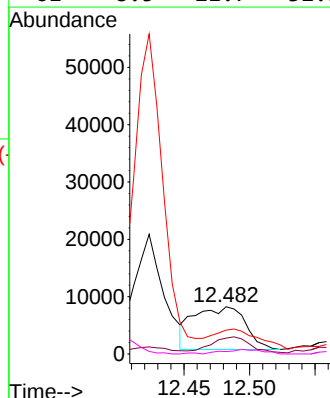
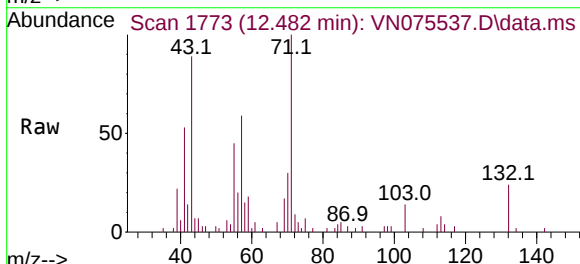
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

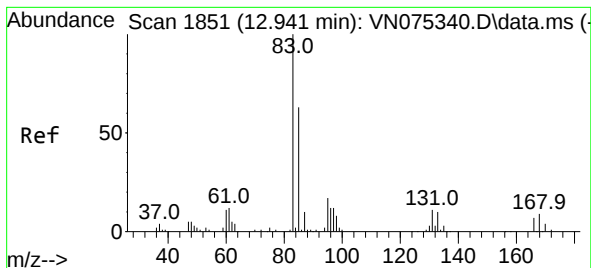
Tgt Ion:105 Resp: 37455
Ion Ratio Lower Upper
105 100
120 27.7 13.1 39.1



#74
N-ethyl acetate
Concen: 6.836 ug/l
RT: 12.482 min Scan# 1773
Delta R.T. -0.012 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion: 43 Resp: 20369
Ion Ratio Lower Upper
43 100
70 27.8 39.8 59.8#
55 40.5 19.9 29.9#
61 8.5 21.7 32.5#

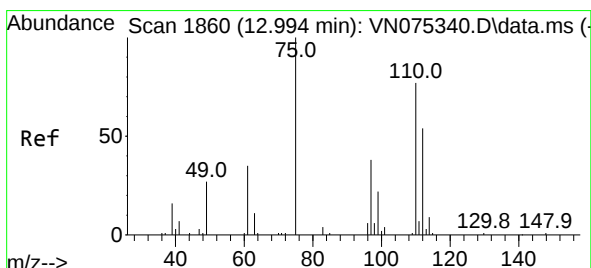
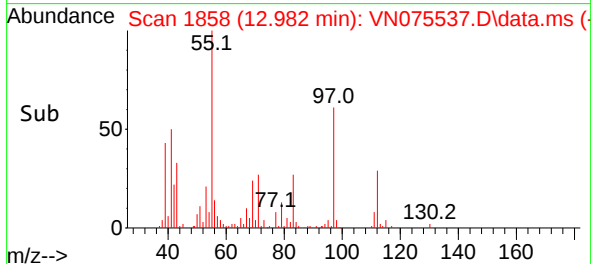
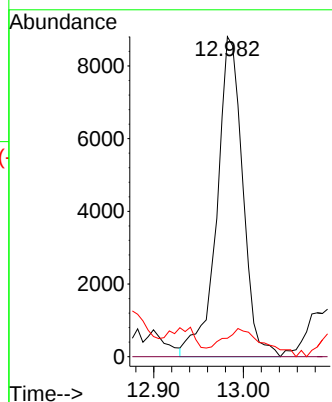
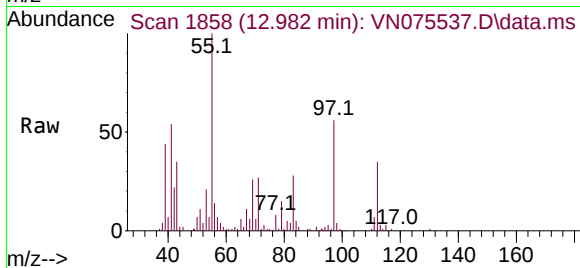




#75
1,1,2,2-Tetrachloroethane
Concen: 5.956 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.041 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

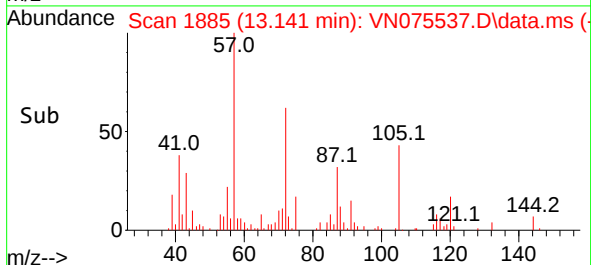
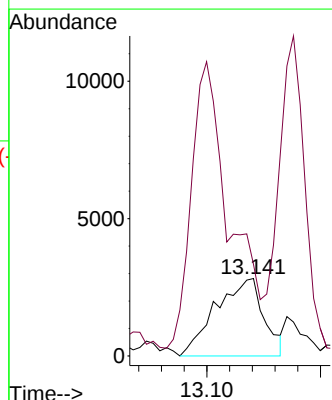
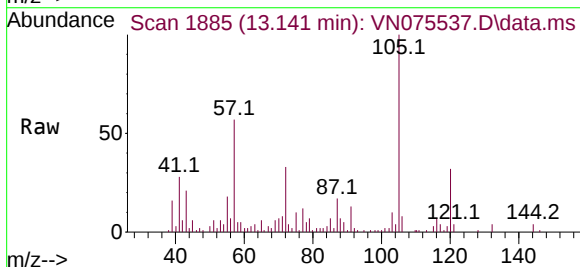
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

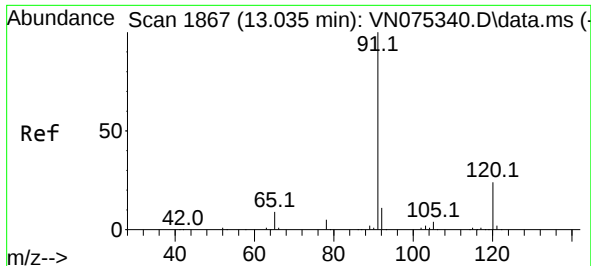
Tgt Ion: 83 Resp: 17599
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 13.9 31.6 94.7#



#76
1,2,3-Trichloropropane
Concen: 3.299 ug/l
RT: 13.141 min Scan# 1885
Delta R.T. 0.147 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion: 75 Resp: 8275
Ion Ratio Lower Upper
75 100
77 0.0 75.6 226.8#

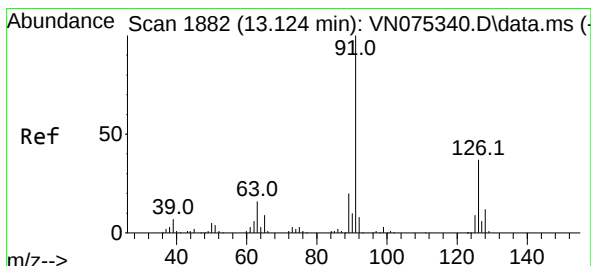
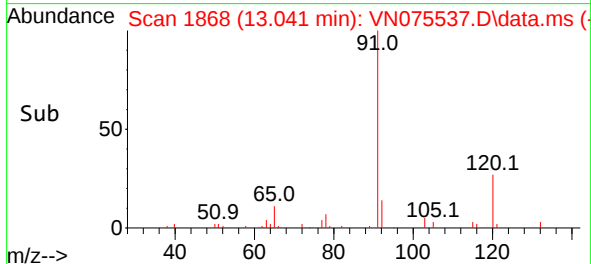
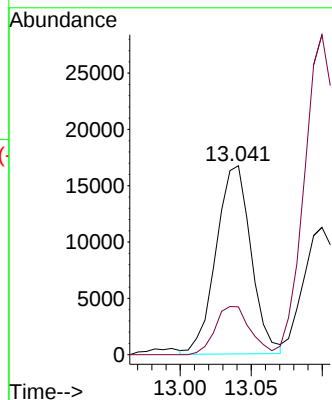
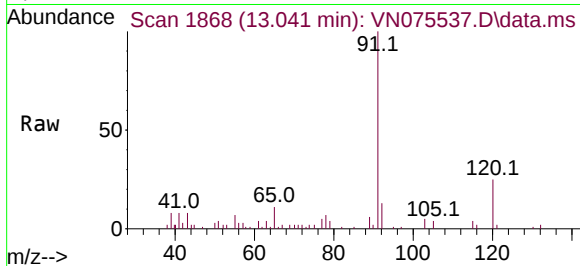




#78
n-propylbenzene
Concen: 2.645 ug/l
RT: 13.041 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

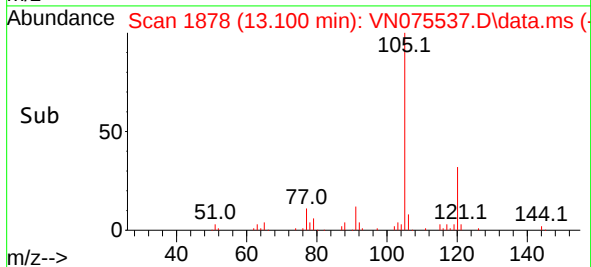
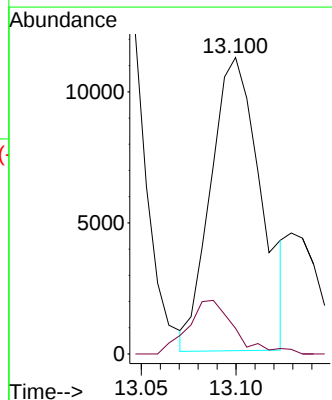
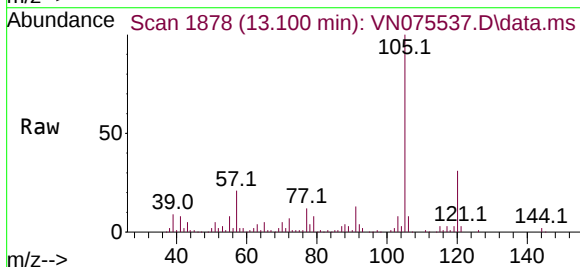
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

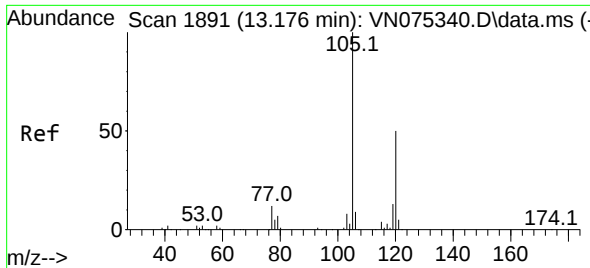
Tgt Ion: 91 Resp: 28604
Ion Ratio Lower Upper
91 100
120 25.6 11.9 35.5



#79
2-Chlorotoluene
Concen: 3.161 ug/l
RT: 13.100 min Scan# 1878
Delta R.T. -0.024 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion: 91 Resp: 20602
Ion Ratio Lower Upper
91 100
126 17.0 16.9 50.7

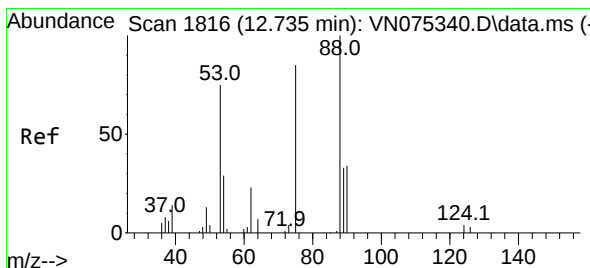
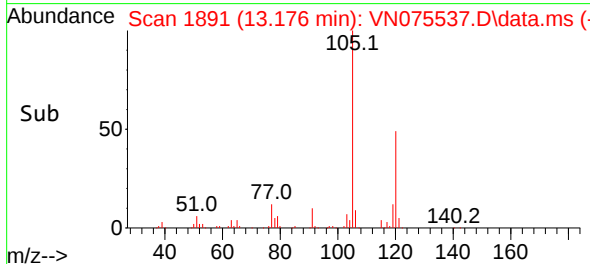
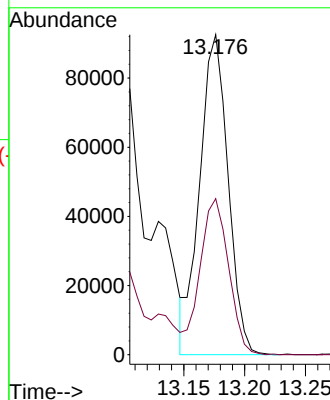
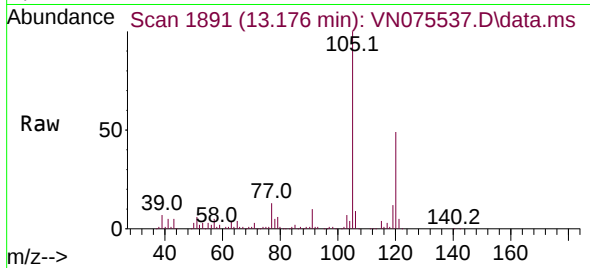




#80
 1,3,5-Trimethylbenzene
 Concen: 18.588 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: VN075537.D
 Acq: 02 Dec 2022 17:17

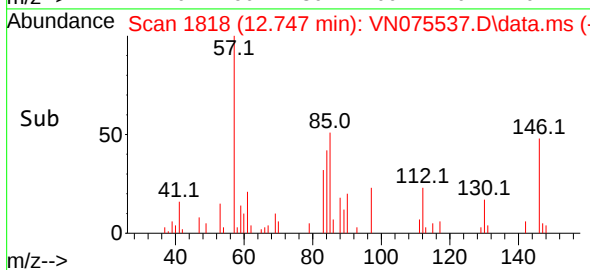
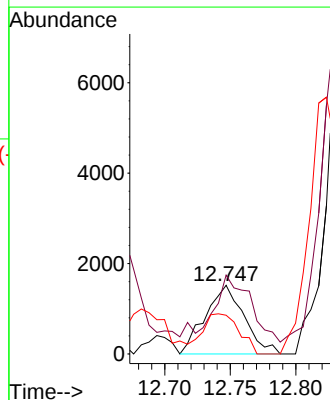
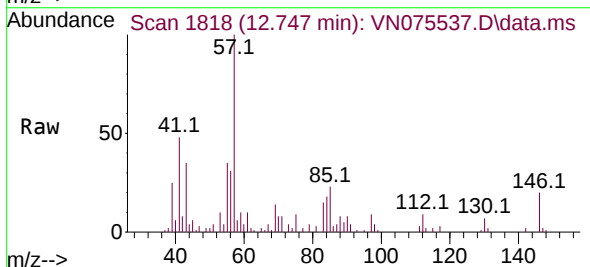
Instrument :
 MSVOA_N
 ClientSampleId :
 SAY2-VRG-1201

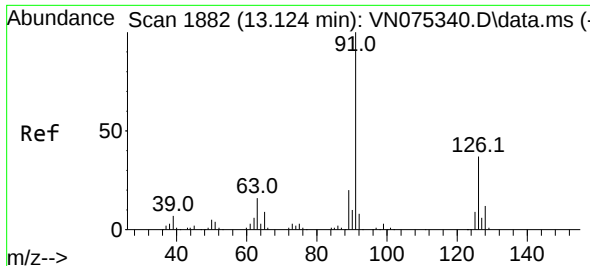
Tgt Ion:105 Resp: 149675
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.7 74.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.683 ug/l
 RT: 12.747 min Scan# 1818
 Delta R.T. 0.012 min
 Lab File: VN075537.D
 Acq: 02 Dec 2022 17:17

Tgt Ion: 75 Resp: 3122
 Ion Ratio Lower Upper
 75 100
 53 94.3 78.5 117.7
 89 55.0 37.7 56.5

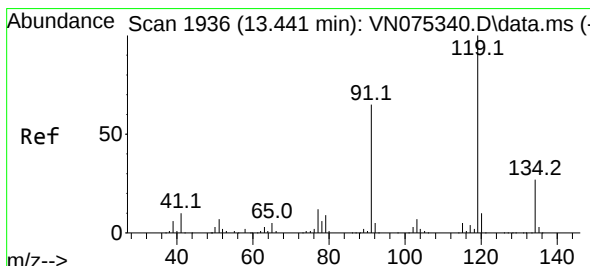
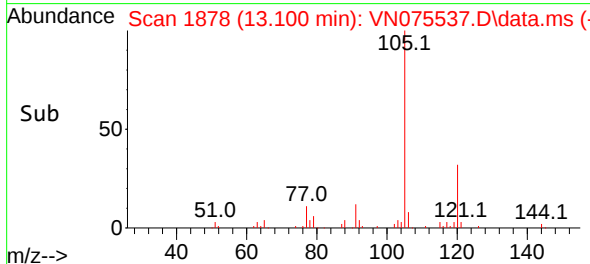
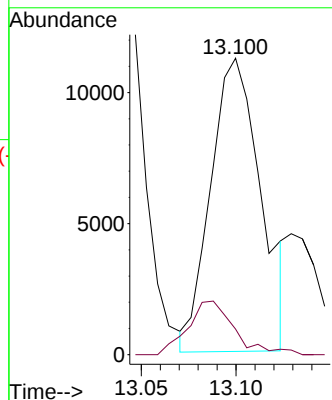
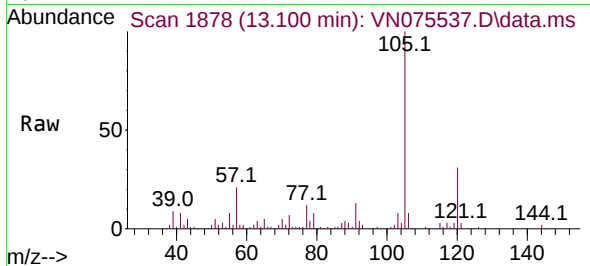




#82
4-Chlorotoluene
Concen: 3.161 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

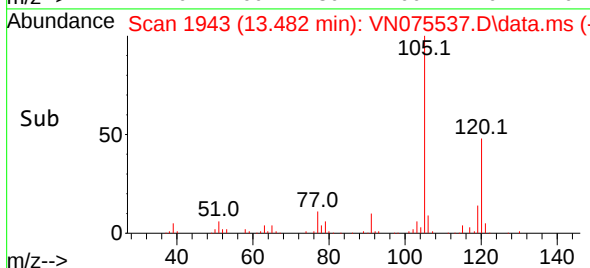
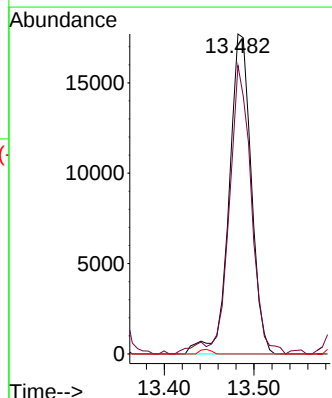
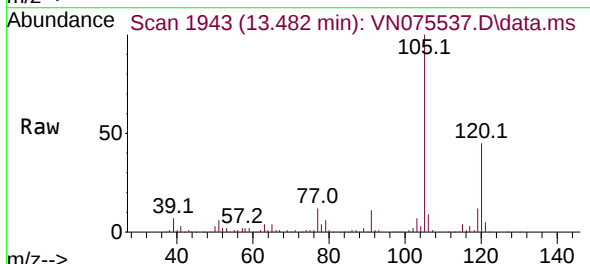
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

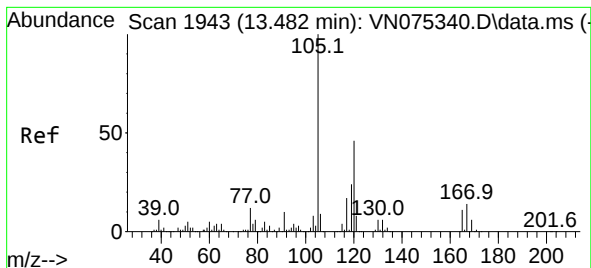
Tgt Ion: 91 Resp: 20602
Ion Ratio Lower Upper
91 100
126 17.0 16.9 50.7



#83
tert-Butylbenzene
Concen: 4.133 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.041 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion: 119 Resp: 30341
Ion Ratio Lower Upper
119 100
91 90.5 32.8 98.4
134 0.0 12.3 36.9#





#84

1,2,4-Trimethylbenzene

Concen: 30.372 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN075537.D

Acq: 02 Dec 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

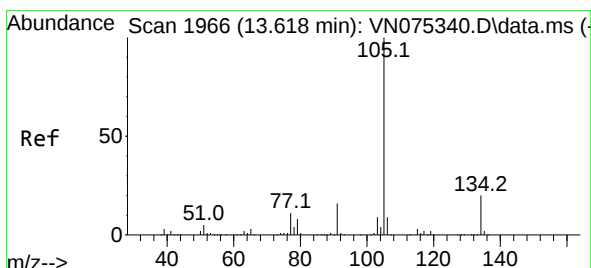
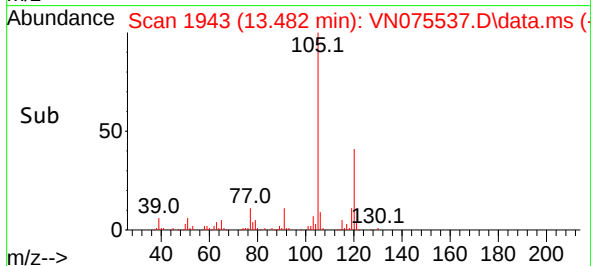
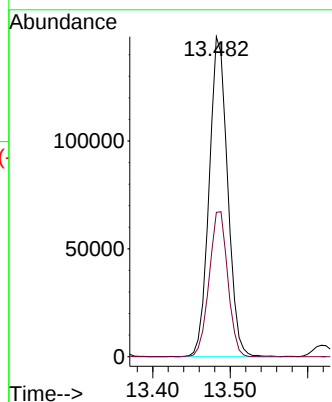
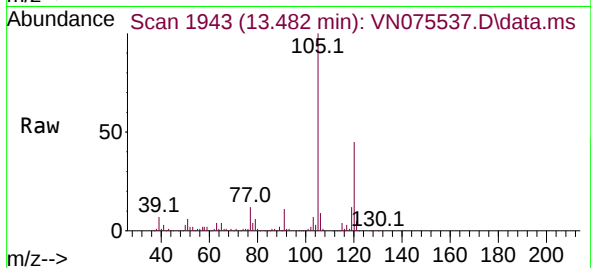
SAY2-VRG-1201

Tgt Ion:105 Resp: 245307

Ion Ratio Lower Upper

105 100

120 45.6 22.7 68.1



#85

sec-Butylbenzene

Concen: 0.900 ug/l

RT: 13.617 min Scan# 1966

Delta R.T. -0.001 min

Lab File: VN075537.D

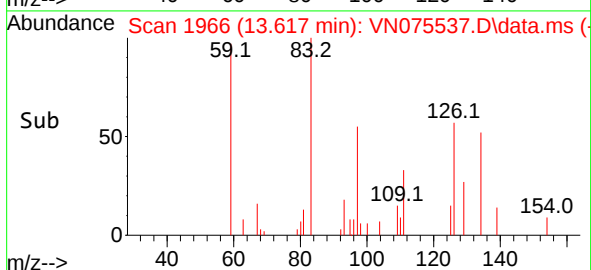
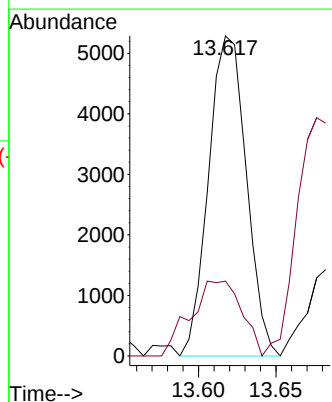
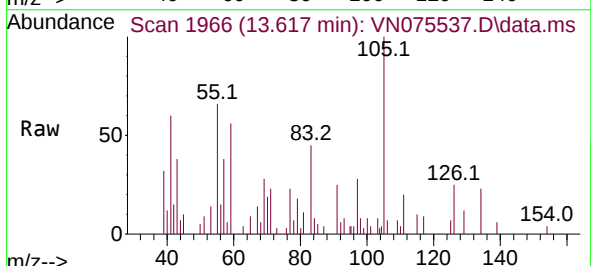
Acq: 02 Dec 2022 17:17

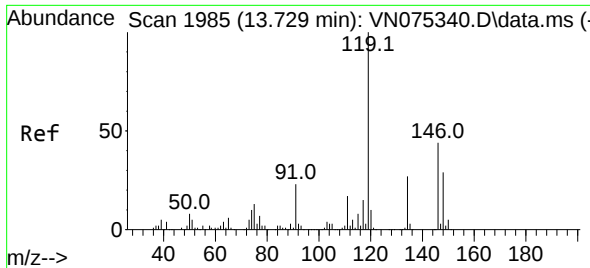
Tgt Ion:105 Resp: 8961

Ion Ratio Lower Upper

105 100

134 31.7 10.2 30.6#

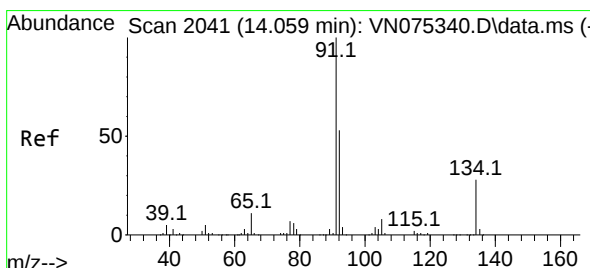
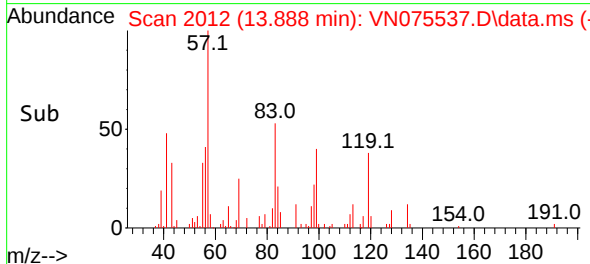
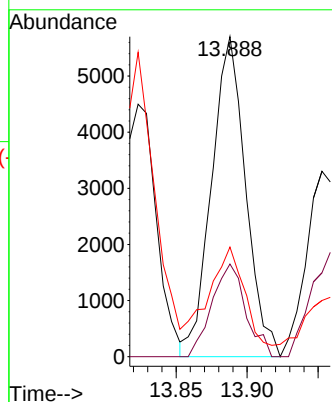
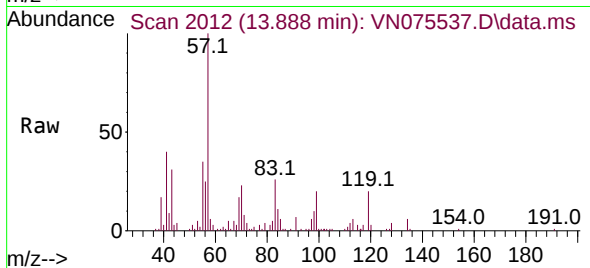




#86
p-Isopropyltoluene
Concen: 1.135 ug/l
RT: 13.888 min Scan# 2012
Delta R.T. 0.159 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

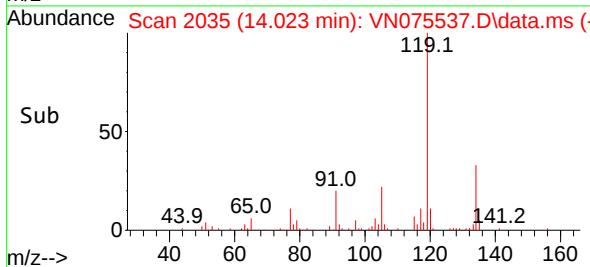
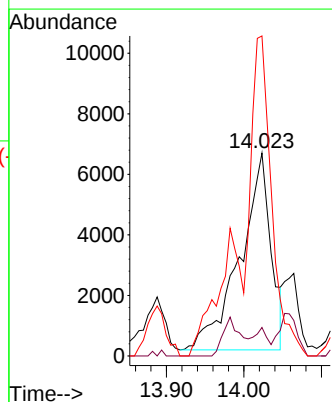
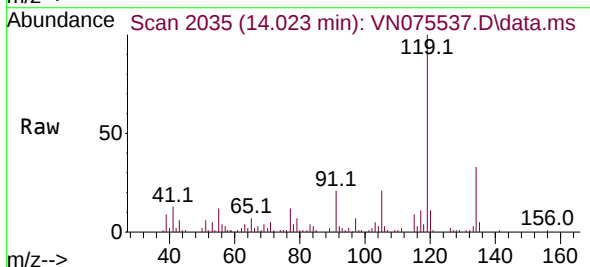
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

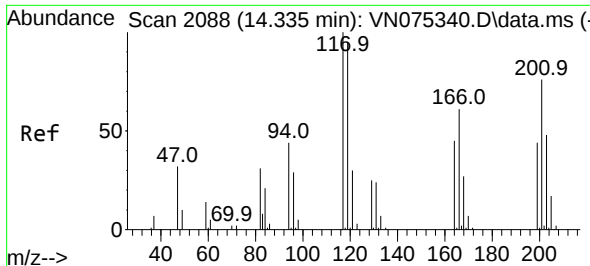
Tgt Ion:119 Resp: 9510
Ion Ratio Lower Upper
119 100
134 28.7 13.1 39.3
91 30.3 11.9 35.5



#89
n-Butylbenzene
Concen: 2.548 ug/l
RT: 14.023 min Scan# 2035
Delta R.T. -0.036 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion: 91 Resp: 18039
Ion Ratio Lower Upper
91 100
92 5.8 26.5 79.4#
134 108.1 13.0 39.0#

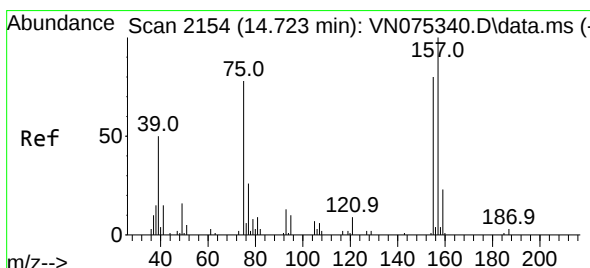
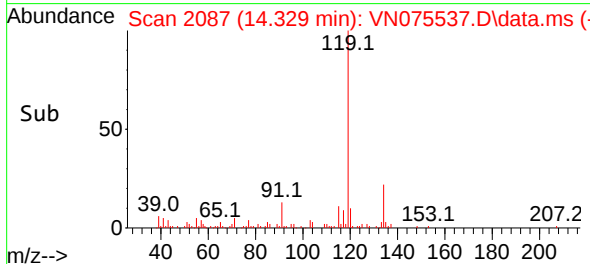
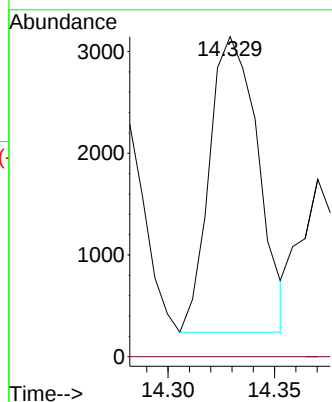
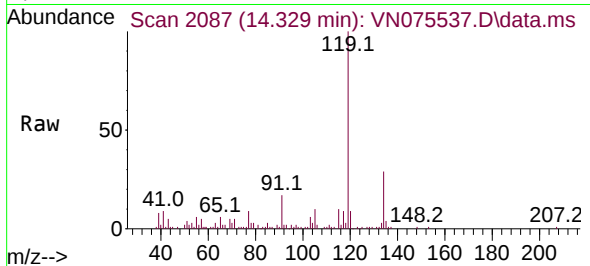




#90
Hexachloroethane
Concen: 3.189 ug/l
RT: 14.329 min Scan# 2088
Delta R.T. -0.006 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

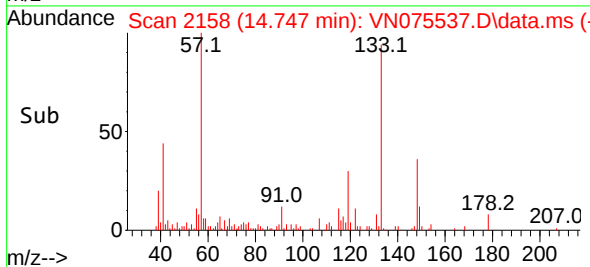
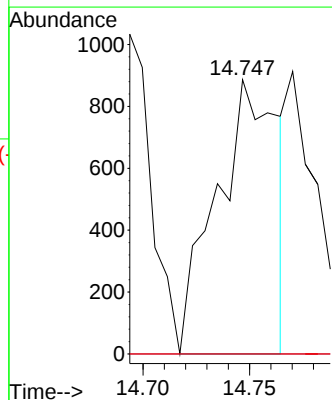
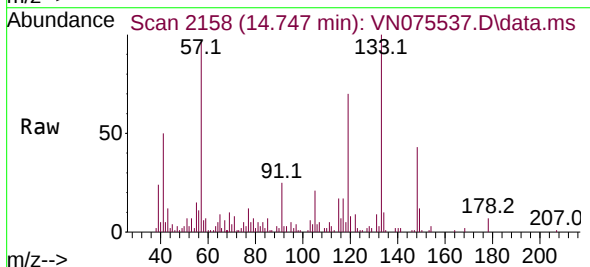
Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

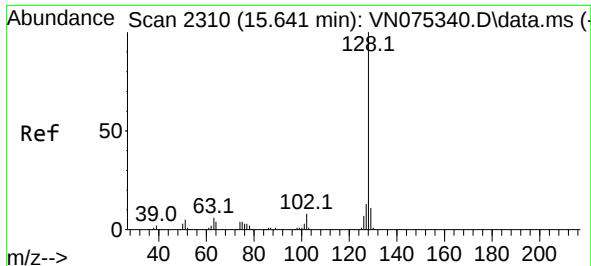
Tgt Ion:117 Resp: 4611
Ion Ratio Lower Upper
117 100
201 0.0 31.5 94.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.141 ug/l
RT: 14.747 min Scan# 2158
Delta R.T. 0.024 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion: 75 Resp: 1758
Ion Ratio Lower Upper
75 100
155 0.0 42.1 126.3#
157 0.0 51.7 155.1#

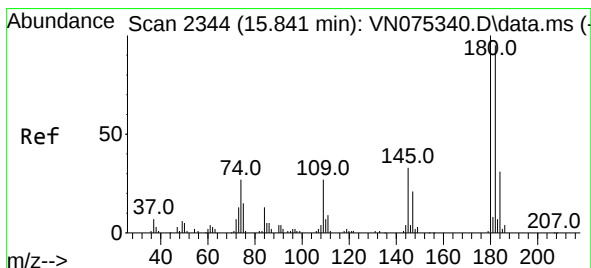
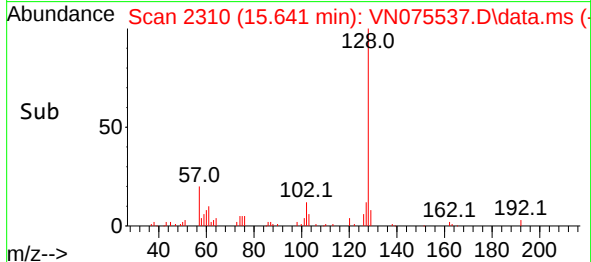
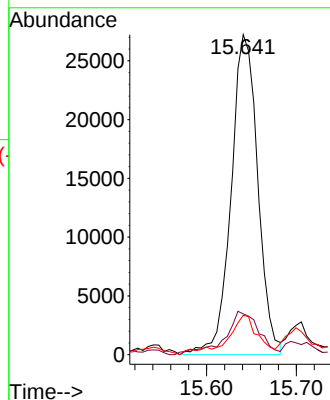
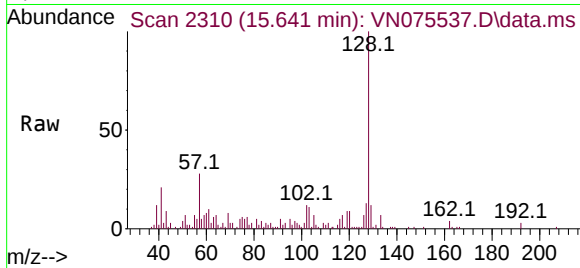




#95
Naphthalene
Concen: 7.899 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Instrument :
MSVOA_N
ClientSampleId :
SAY2-VRG-1201

Tgt Ion:128 Resp: 56274
Ion Ratio Lower Upper
128 100
127 17.2 10.4 15.6#
129 13.9 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.319 ug/l
RT: 15.853 min Scan# 2346
Delta R.T. 0.012 min
Lab File: VN075537.D
Acq: 02 Dec 2022 17:17

Tgt Ion:180 Resp: 711
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.8#
145 0.0 17.6 52.9#

