

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120622\
 Data File : VN075585.D
 Acq On : 06 Dec 2022 15:26
 Operator : JC\MD
 Sample : N5876-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LIN-VRG-12-02

Quant Time: Dec 07 00:14:49 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	8.236	168	177846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	310739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	304607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	164515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	54936	57.546	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.100%			
35) Dibromofluoromethane	8.177	113	56865	46.585	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.160%			
50) Toluene-d8	10.571	98	124903	45.430	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.860%			
62) 4-Bromofluorobenzene	12.853	95	106872	52.664	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.320%			
Target Compounds					Qvalue	
3) Chloromethane	2.489	50	401954	237.542	ug/l #	75
5) Bromomethane	2.906	94	402	0.214	ug/l	99
8) Diethyl Ether	3.965	74	215760	202.060	ug/l	96
11) Tert butyl alcohol	5.583	59	9034380	22543.496	ug/l #	52
13) Acrolein	4.142	56	606	1.736	ug/l #	15
14) Allyl chloride	5.042	41	14466	6.790	ug/l #	19
15) Acrylonitrile	5.747	53	5471	5.950	ug/l #	87
16) Acetone	4.436	43	11728641	13171.485	ug/l	94
17) Carbon Disulfide	4.724	76	1405	0.328	ug/l #	74
18) Methyl Acetate	5.030	43	704436	320.816	ug/l	95
19) Methyl tert-butyl Ether	5.812	73	306233	52.489	ug/l #	89
20) Methylene Chloride	5.289	84	13676	6.460	ug/l #	84
22) Diisopropyl ether	6.677	45	4838515	995.281	ug/l #	1
23) Vinyl Acetate	6.677	43	252126	65.189	ug/l #	71
24) 1,1-Dichloroethane	6.671	63	34697	11.119	ug/l #	82
25) 2-Butanone	7.241	43	10400156	8365.698	ug/l #	76
26) 2,2-Dichloropropane	7.353	77	59746	20.602	ug/l #	53
27) cis-1,2-Dichloroethene	7.506	96	977	0.460	ug/l #	5
28) Bromochloromethane	7.847	49	25706	20.295	ug/l #	10
29) Tetrahydrofuran	7.847	42	11856236	15678.881	ug/l	99
31) Cyclohexane	8.259	56	23940	7.893	ug/l	96
36) 1,1-Dichloropropene	8.230	75	13366	5.021	ug/l #	49
38) Carbon Tetrachloride	8.236	117	17180	5.875	ug/l #	15
39) Methylcyclohexane	9.606	83	101770	30.546	ug/l	98
40) Benzene	8.612	78	15360794	1884.681	ug/l	98
41) Methacrylonitrile	7.847	41	6909651	5638.431	ug/l #	38
42) 1,2-Dichloroethane	8.677	62	465063	170.375	ug/l #	75
43) Isopropyl Acetate	8.694	43	298515	77.588	ug/l #	1
44) Trichloroethene	9.347	130	942	0.422	ug/l	49
45) 1,2-Dichloropropane	9.647	63	9279	4.777	ug/l #	60
48) Methyl methacrylate	9.659	41	165699	93.140	ug/l #	36
49) 1,4-Dioxane	9.700	88	12474	246.929	ug/l #	28
51) 4-Methyl-2-Pentanone	10.453	43	43806	17.876	ug/l	99
53) t-1,3-Dichloropropene	10.747	75	205514	71.956	ug/l #	51
54) cis-1,3-Dichloropropene	10.294	75	37393	12.054	ug/l #	1
55) 1,1,2-Trichloroethane	11.006	97	10799	5.048	ug/l #	26

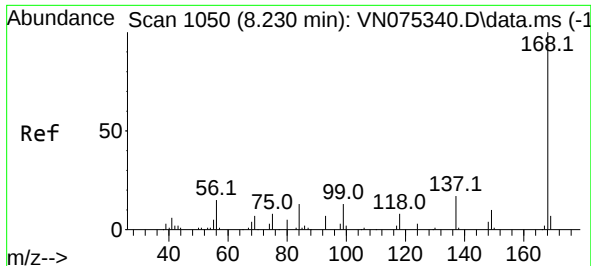
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120622\
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 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Ethyl methacrylate	10.918	69	2634	0.912	ug/l #	29
57) 1,3-Dichloropropane	11.212	76	5596	1.604	ug/l #	44
58) 2-Chloroethyl Vinyl ether	10.294	63	49537	47.545	ug/l	91
59) 2-Hexanone	11.176	43	87369	47.481	ug/l #	21
60) Dibromochloromethane	11.112	129	540	0.246	ug/l #	11
64) Tetrachloroethene	11.100	164	605	0.260	ug/l #	71
67) Ethyl Benzene	11.971	91	13510417	1258.867	ug/l	95
68) m/p-Xylenes	12.065	106	19855872	4555.953	ug/l #	1
69) o-Xylene	12.406	106	11105632	2564.694	ug/l	69
70) Styrene	12.406	104	597447	87.462	ug/l #	1
73) Isopropylbenzene	12.700	105	1028316	85.555	ug/l	99
74) N-amyl acetate	12.423	43	255395	69.116	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.982	83	90898	24.805	ug/l #	26
76) 1,2,3-Trichloropropane	13.041	75	5986	1.924	ug/l #	1
78) n-propylbenzene	13.041	91	1067302	79.568	ug/l	100
79) 2-Chlorotoluene	13.100	91	547691	67.766	ug/l #	47
80) 1,3,5-Trimethylbenzene	13.176	105	1560918	156.313	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	4402	4.187	ug/l #	71
82) 4-Chlorotoluene	13.100	91	547691	67.766	ug/l #	47
83) tert-Butylbenzene	13.441	119	58836	6.462	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	3337737	333.225	ug/l	100
85) sec-Butylbenzene	13.488	105	3337737	270.179	ug/l #	56
86) p-Isopropyltoluene	13.735	119	58718	5.649	ug/l #	77
88) 1,4-Dichlorobenzene	13.817	146	1210	0.212	ug/l #	70
89) n-Butylbenzene	14.059	91	31861	3.629	ug/l #	75
90) Hexachloroethane	14.335	117	15310	8.538	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	14.753	75	37502	54.026	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.388	180	1111	0.396	ug/l #	1
95) Naphthalene	15.641	128	265586	30.060	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.847	180	2329	0.844	ug/l #	1

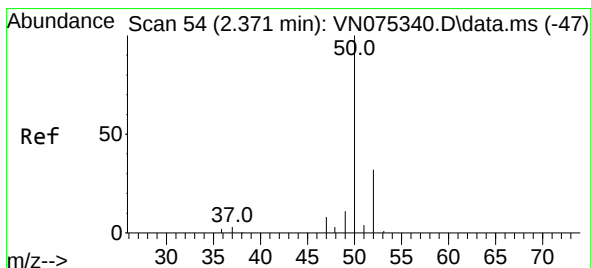
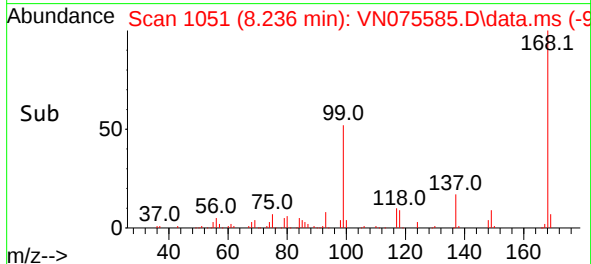
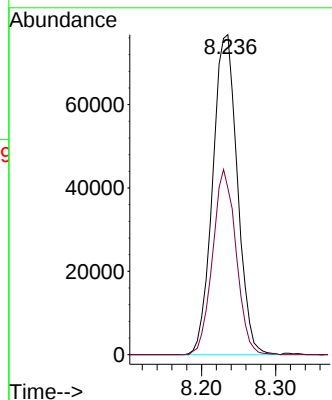
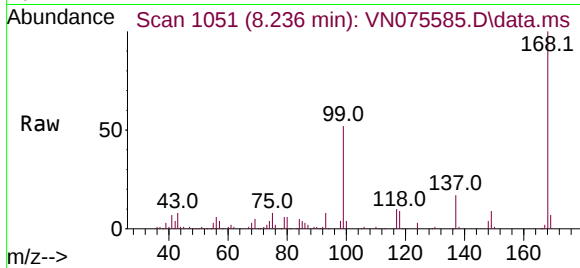
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

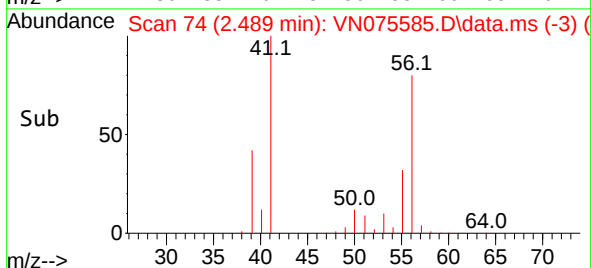
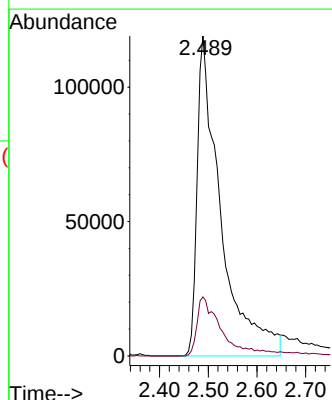
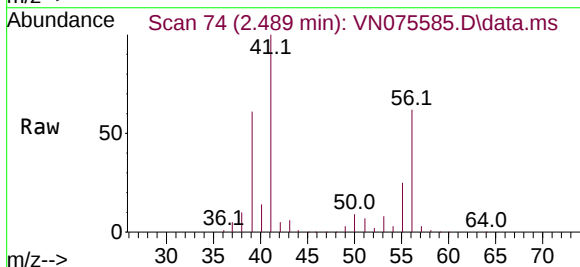
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

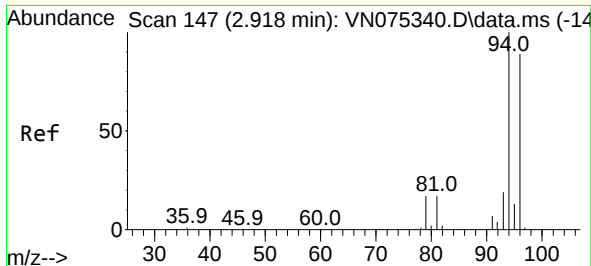
Tgt Ion:168 Resp: 177846
Ion Ratio Lower Upper
168 100
99 52.0 51.6 77.4



#3
Chloromethane
Concen: 237.542 ug/l
RT: 2.489 min Scan# 74
Delta R.T. 0.118 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion: 50 Resp: 401954
Ion Ratio Lower Upper
50 100
52 18.4 25.8 38.6#

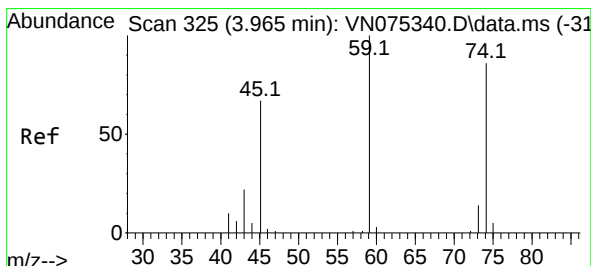
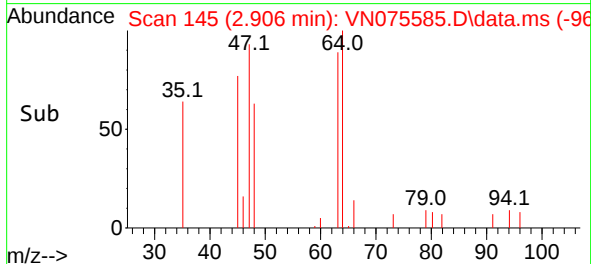
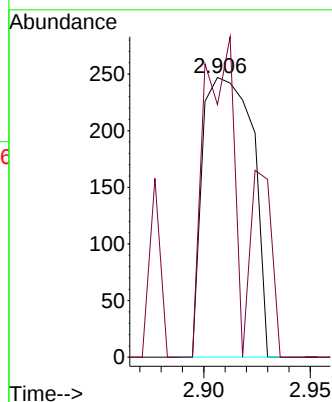
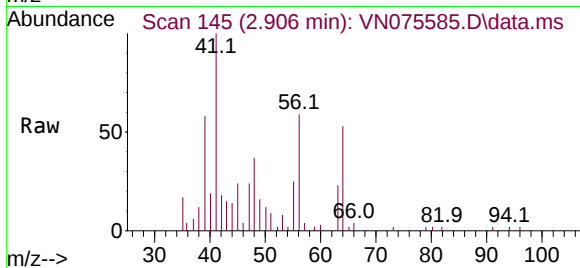




#5
Bromomethane
Concen: 0.214 ug/l
RT: 2.906 min Scan# 14
Delta R.T. -0.012 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

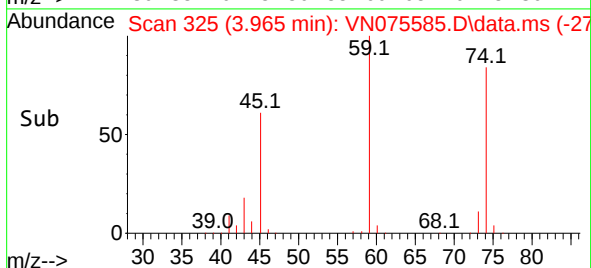
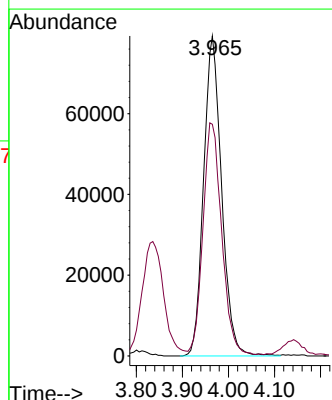
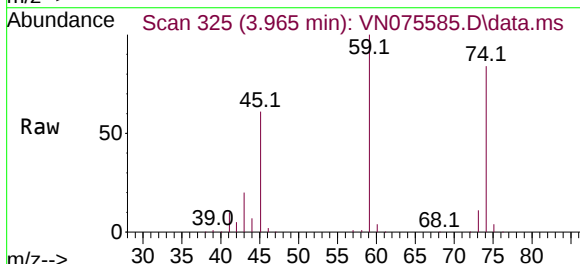
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ClientSampleId :
LIN-VRG-12-02

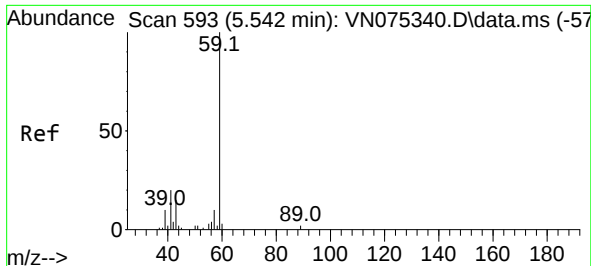
Tgt Ion: 94 Resp: 402
Ion Ratio Lower Upper
94 100
96 90.3 71.8 107.6



#8
Diethyl Ether
Concen: 202.060 ug/l
RT: 3.965 min Scan# 325
Delta R.T. 0.000 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion: 74 Resp: 215760
Ion Ratio Lower Upper
74 100
45 75.4 39.3 117.9

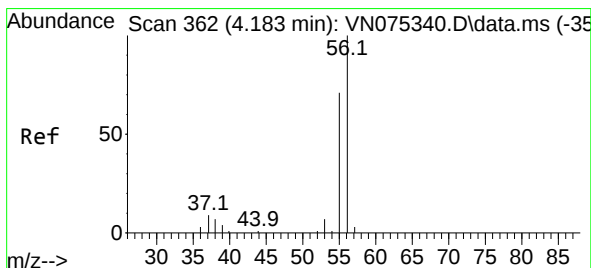
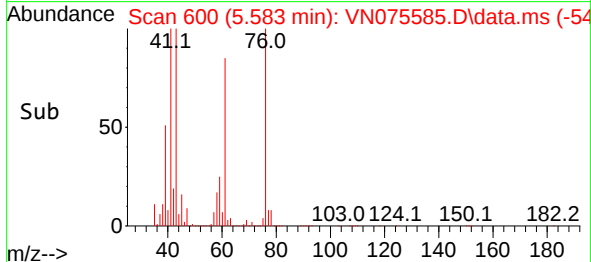
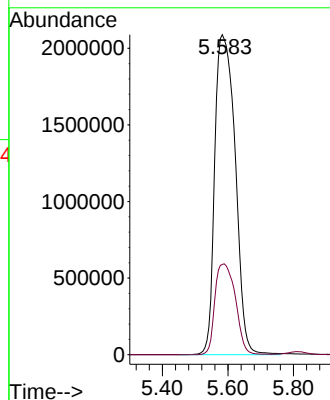
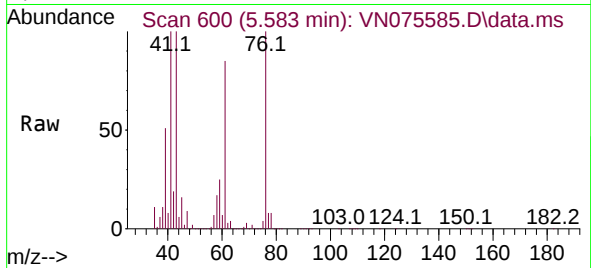




#11
Tert butyl alcohol
Concen: 22543.496 ug/l
RT: 5.583 min Scan# 600
Delta R.T. 0.041 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

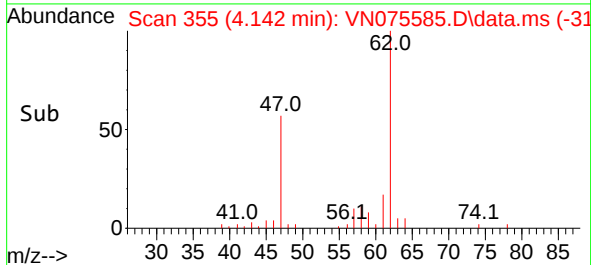
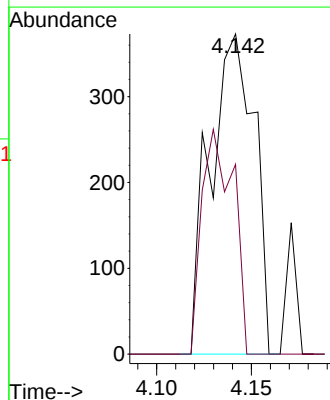
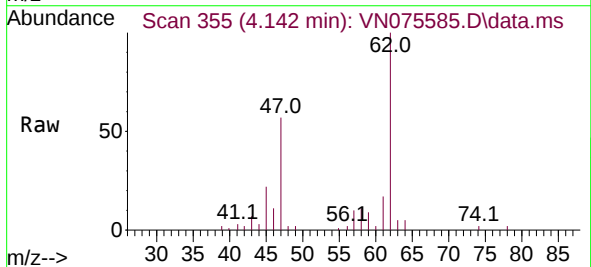
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

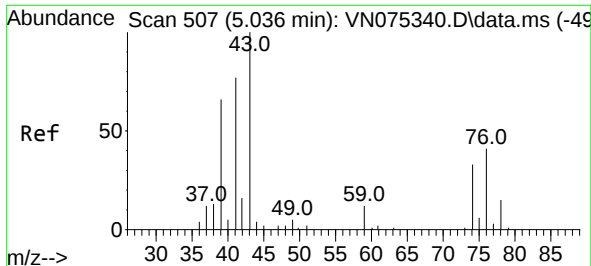
Tgt Ion: 59 Resp: 9034380
Ion Ratio Lower Upper
59 100
57 28.5 8.5 12.7#



#13
Acrolein
Concen: 1.736 ug/l
RT: 4.142 min Scan# 355
Delta R.T. -0.041 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion: 56 Resp: 606
Ion Ratio Lower Upper
56 100
55 0.0 55.2 82.8#





#14

Allyl chloride

Concen: 6.790 ug/l

RT: 5.042 min Scan# 507

Delta R.T. 0.006 min

Lab File: VN075585.D

Acq: 06 Dec 2022 15:26

Instrument :

MSVOA_N

ClientSampleId :

LIN-VRG-12-02

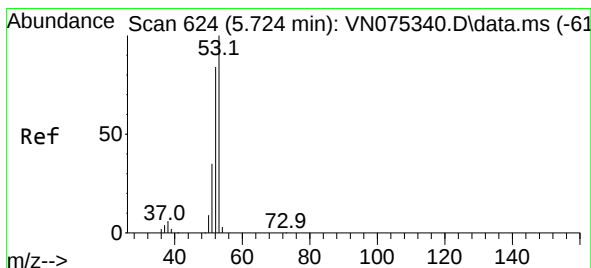
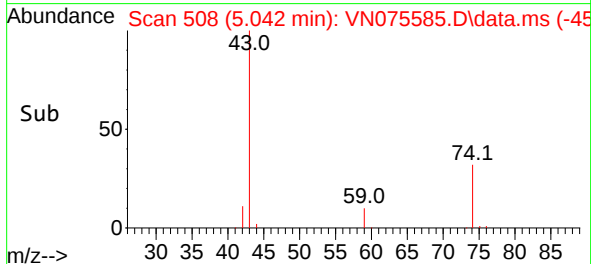
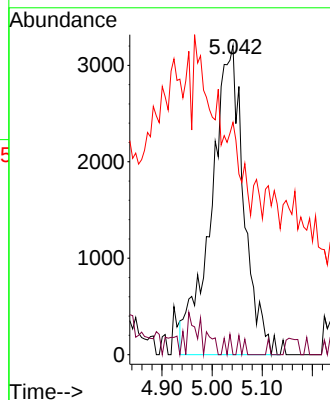
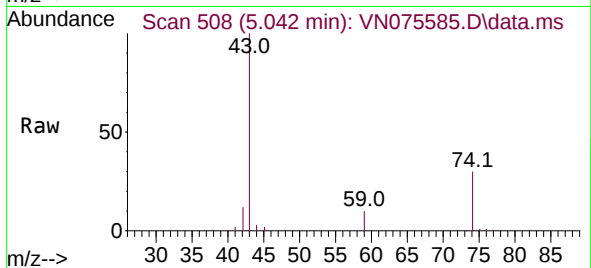
Tgt Ion: 41 Resp: 14466

Ion Ratio Lower Upper

41 100

39 0.0 61.0 91.4#

76 0.0 33.4 50.0#



#15

Acrylonitrile

Concen: 5.950 ug/l

RT: 5.747 min Scan# 628

Delta R.T. 0.023 min

Lab File: VN075585.D

Acq: 06 Dec 2022 15:26

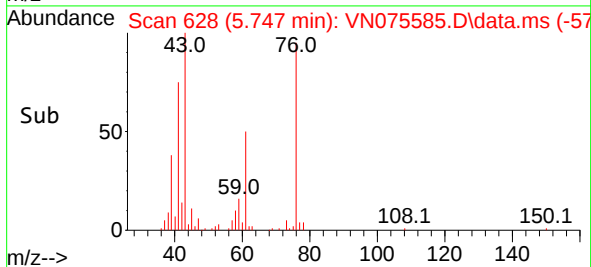
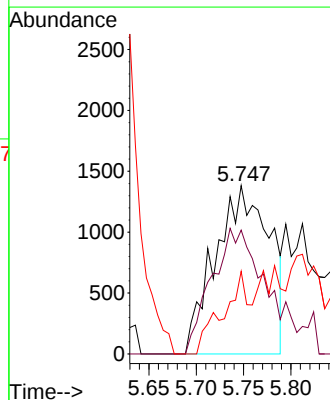
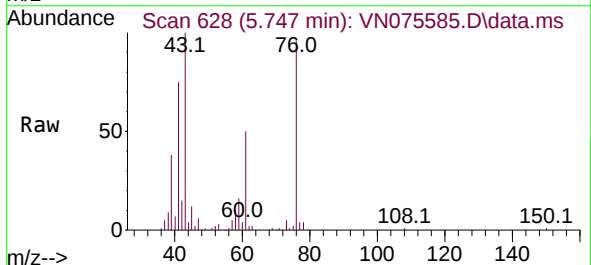
Tgt Ion: 53 Resp: 5471

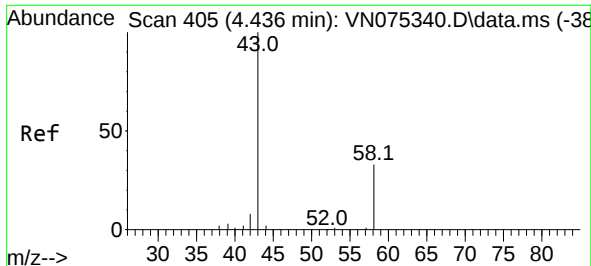
Ion Ratio Lower Upper

53 100

52 75.3 66.4 99.6

51 23.8 29.6 44.4#





#16

Acetone

Concen: 13171.485 ug/l

RT: 4.436 min Scan# 405

Delta R.T. -0.000 min

Lab File: VN075585.D

Acq: 06 Dec 2022 15:26

Instrument :

MSVOA_N

ClientSampleId :

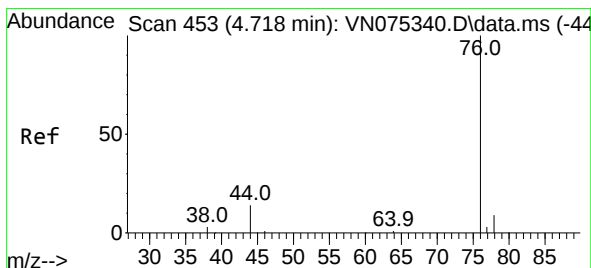
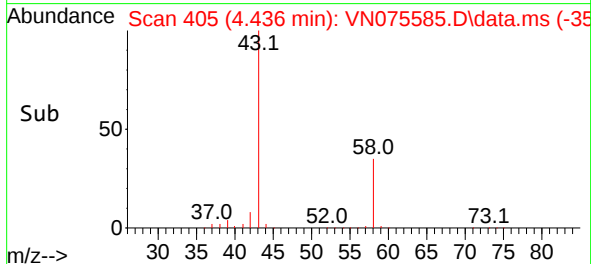
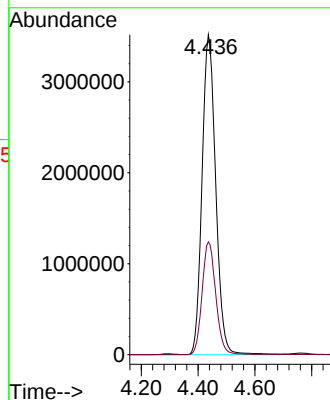
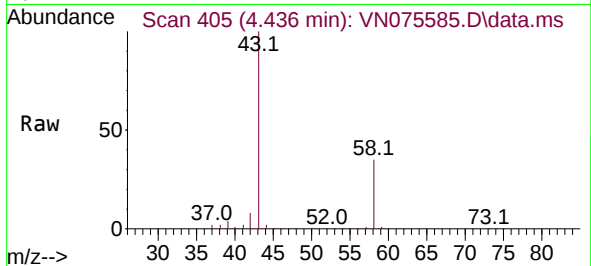
LIN-VRG-12-02

Tgt Ion: 43 Resp:11728641

Ion Ratio Lower Upper

43 100

58 35.2 25.5 38.3



#17

Carbon Disulfide

Concen: 0.328 ug/l

RT: 4.724 min Scan# 454

Delta R.T. 0.006 min

Lab File: VN075585.D

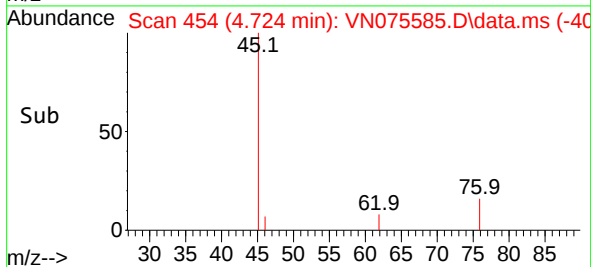
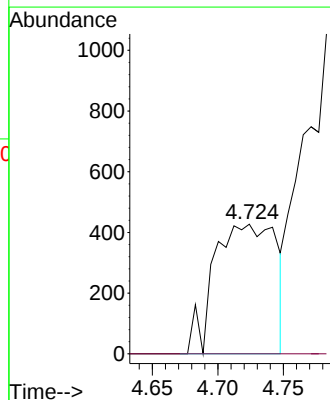
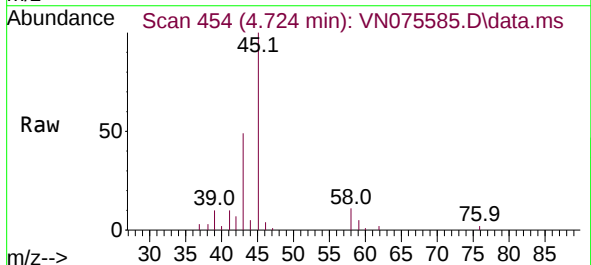
Acq: 06 Dec 2022 15:26

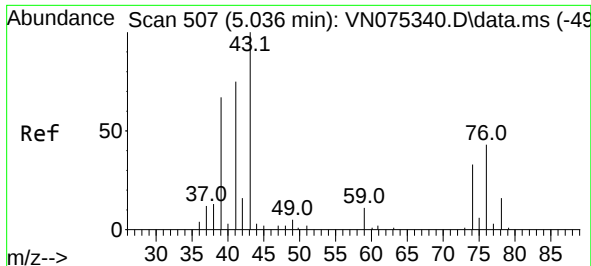
Tgt Ion: 76 Resp: 1405

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.2#

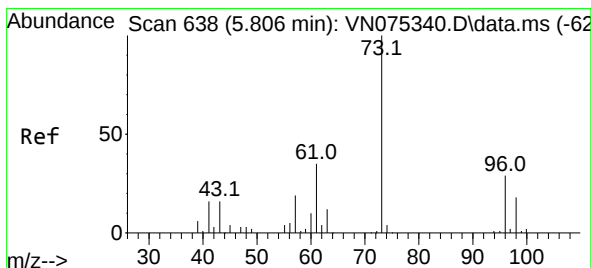
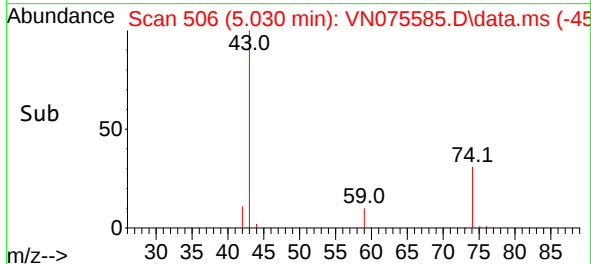
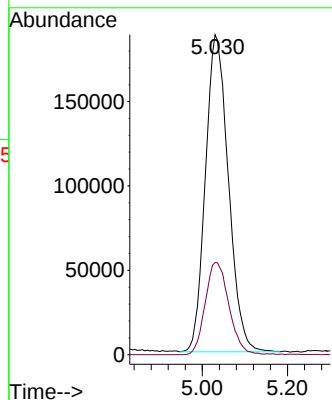
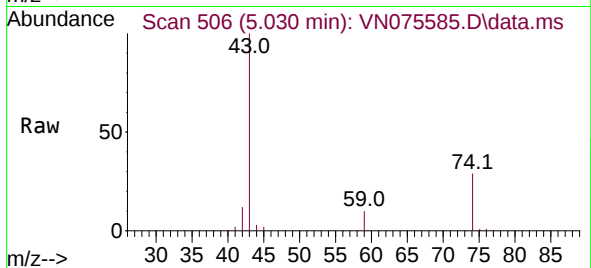




#18
Methyl Acetate
Concen: 320.816 ug/l
RT: 5.030 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

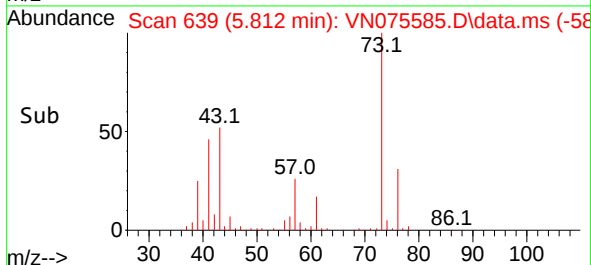
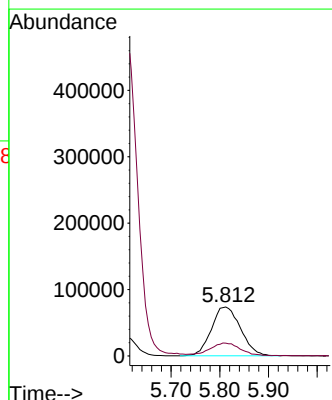
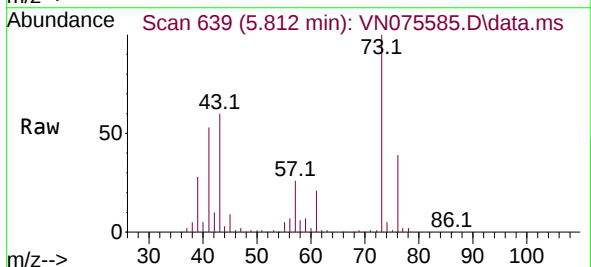
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

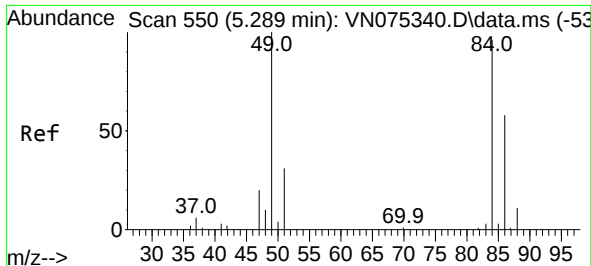
Tgt Ion: 43 Resp: 704436
Ion Ratio Lower Upper
43 100
74 29.9 22.0 33.0



#19
Methyl tert-butyl Ether
Concen: 52.489 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

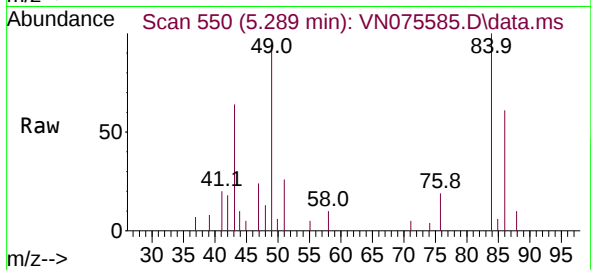
Tgt Ion: 73 Resp: 306233
Ion Ratio Lower Upper
73 100
57 25.6 16.3 24.5#



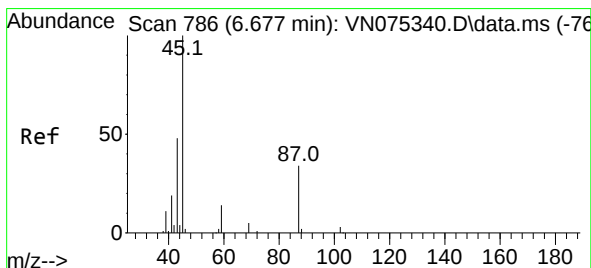
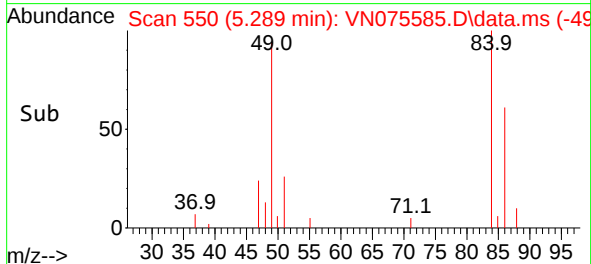
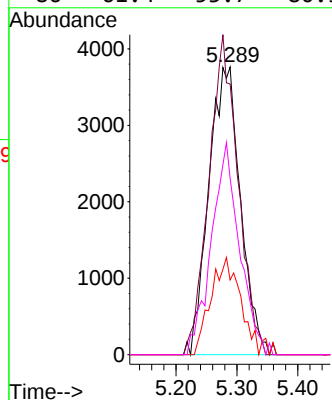


#20
Methylene Chloride
Concen: 6.460 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

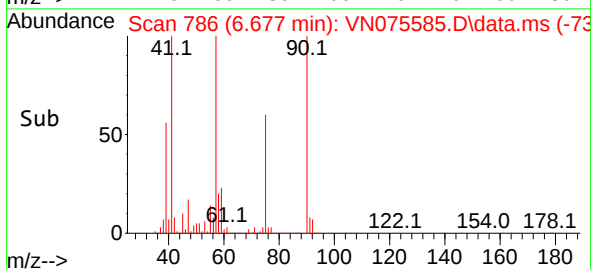
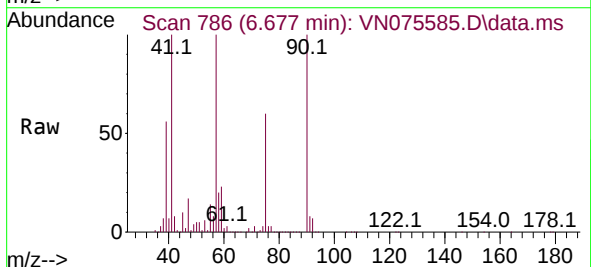
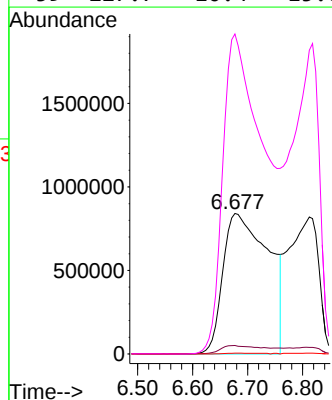


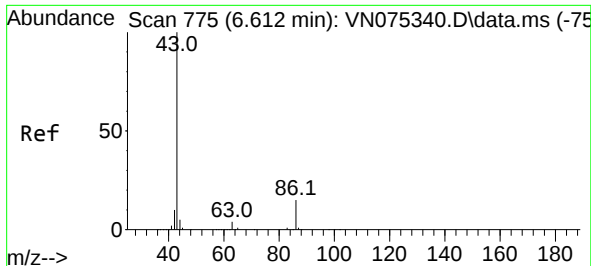
Tgt Ion:	84	Resp:	13676
Ion	Ratio	Lower	Upper
84	100		
49	94.1	94.9	142.3#
51	26.0	26.8	40.2#
86	61.4	53.7	80.5



#22
Diisopropyl ether
Concen: 995.281 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion:	45	Resp:	4838515
Ion	Ratio	Lower	Upper
45	100		
43	6.0	42.8	64.2#
87	0.5	28.4	42.6#
59	227.7	10.4	15.6#

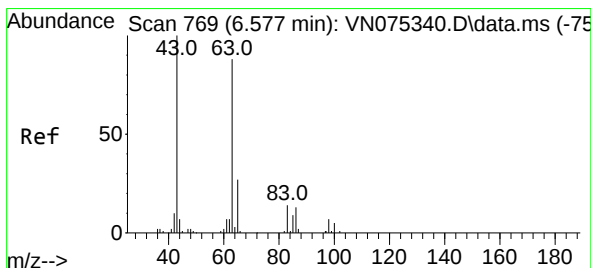
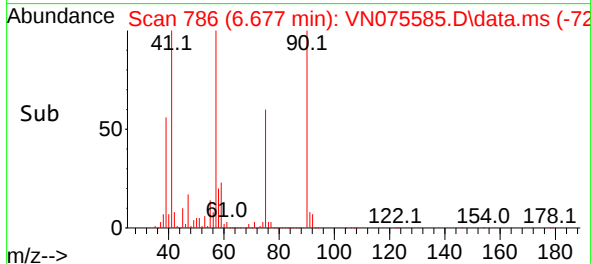
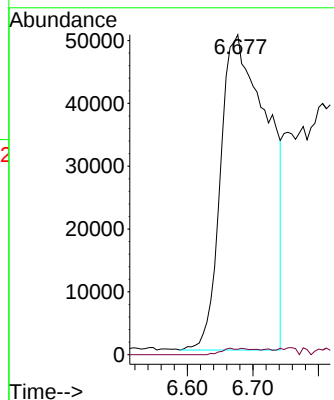
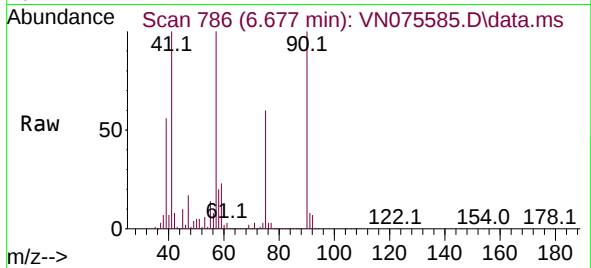




#23
 Vinyl Acetate
 Concen: 65.189 ug/l
 RT: 6.677 min Scan# 775
 Delta R.T. 0.065 min
 Lab File: VN075585.D
 Acq: 06 Dec 2022 15:26

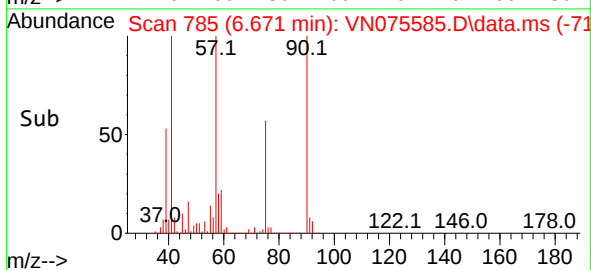
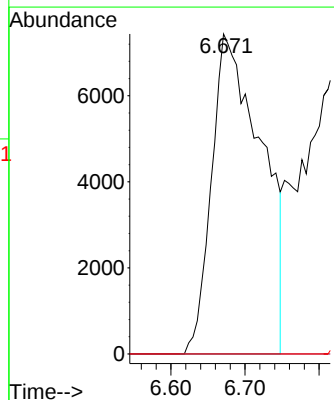
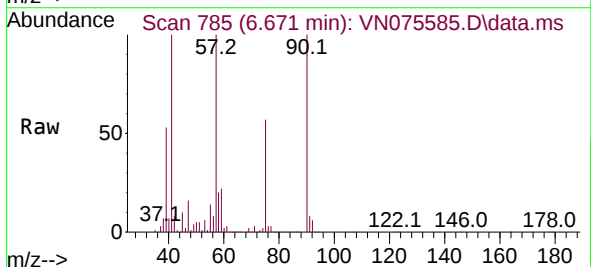
Instrument :
 MSVOA_N
 ClientSampleId :
 LIN-VRG-12-02

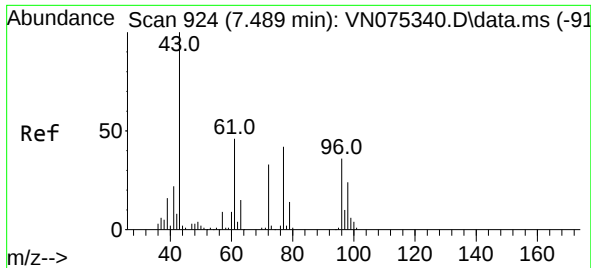
Tgt Ion: 43 Resp: 252126
 Ion Ratio Lower Upper
 43 100
 86 1.7 10.7 16.1#



#24
 1,1-Dichloroethane
 Concen: 11.119 ug/l
 RT: 6.671 min Scan# 785
 Delta R.T. 0.094 min
 Lab File: VN075585.D
 Acq: 06 Dec 2022 15:26

Tgt Ion: 63 Resp: 34697
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.8#
 100 0.0 2.4 7.2#

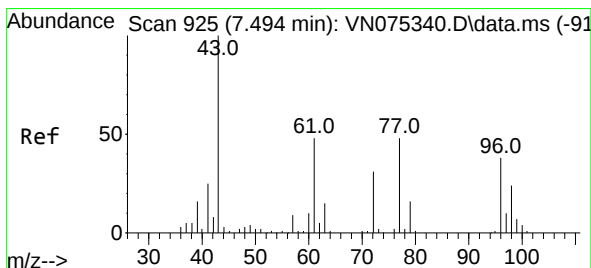
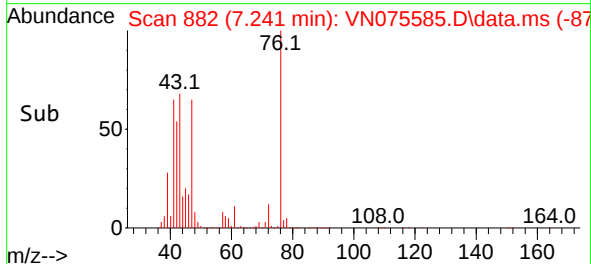
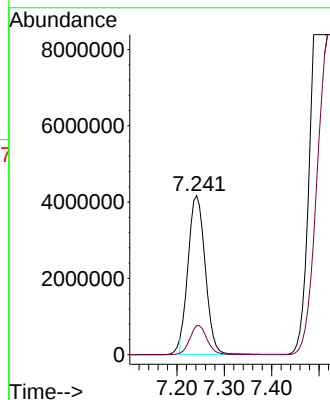
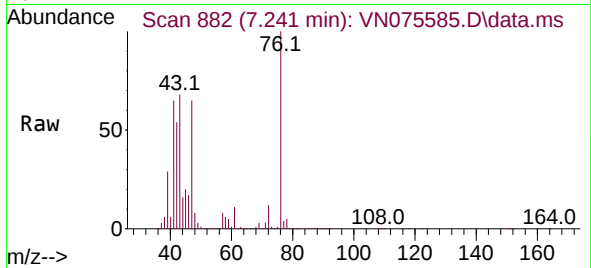




#25
2-Butanone
Concen: 8365.698 ug/l
RT: 7.241 min Scan# 81
Delta R.T. -0.248 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

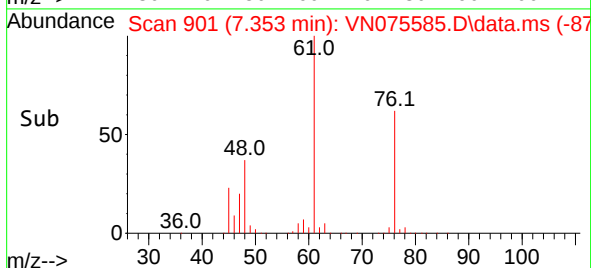
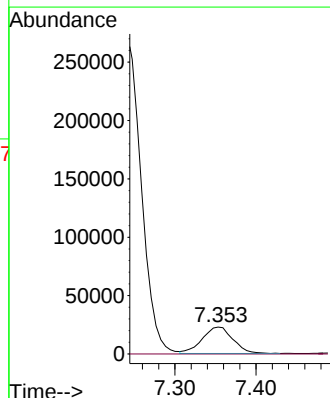
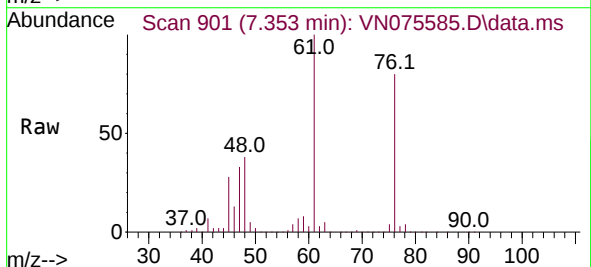
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

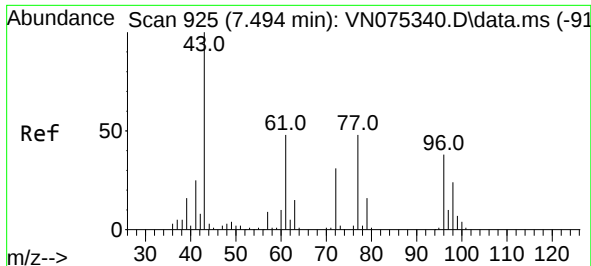
Tgt Ion: 43 Resp:10400156
Ion Ratio Lower Upper
43 100
72 18.3 25.5 38.3#



#26
2,2-Dichloropropane
Concen: 20.602 ug/l
RT: 7.353 min Scan# 901
Delta R.T. -0.141 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion: 77 Resp: 59746
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#

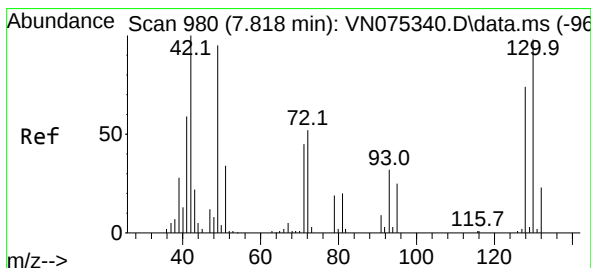
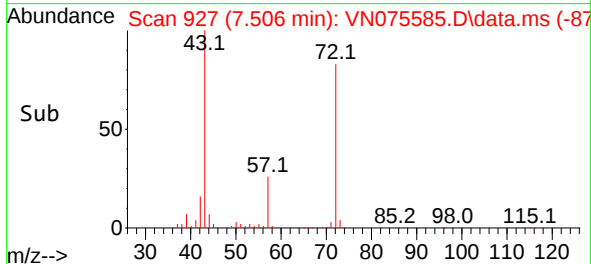
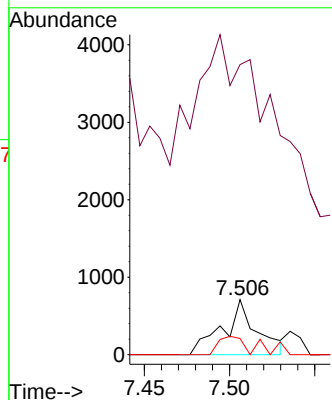
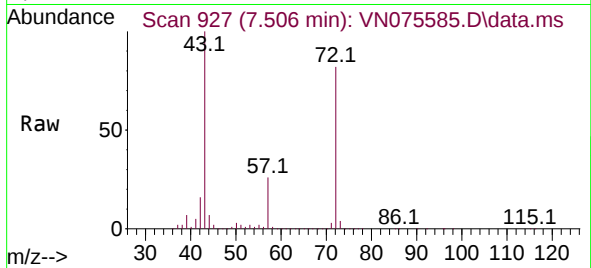




#27
 cis-1,2-Dichloroethene
 Concen: 0.460 ug/l
 RT: 7.506 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VN075585.D
 Acq: 06 Dec 2022 15:26

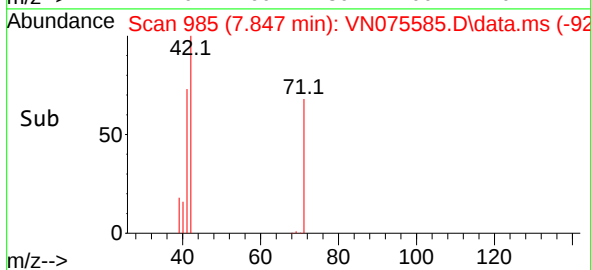
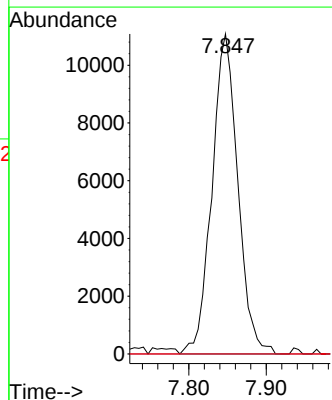
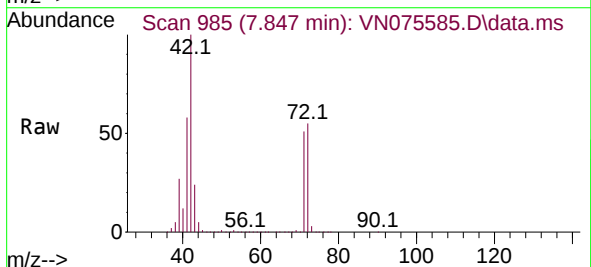
Instrument :
 MSVOA_N
 ClientSampleId :
 LIN-VRG-12-02

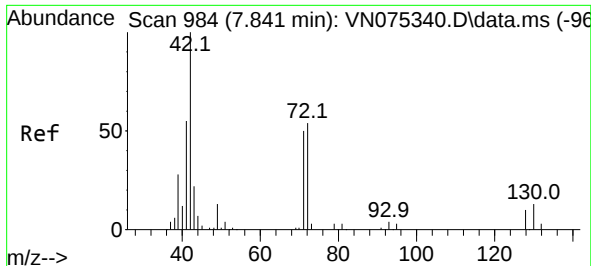
Tgt Ion: 96 Resp: 977
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 278.8
 98 23.2 0.0 128.4



#28
 Bromochloromethane
 Concen: 20.295 ug/l
 RT: 7.847 min Scan# 985
 Delta R.T. 0.029 min
 Lab File: VN075585.D
 Acq: 06 Dec 2022 15:26

Tgt Ion: 49 Resp: 25706
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 0.0 66.2 99.4#

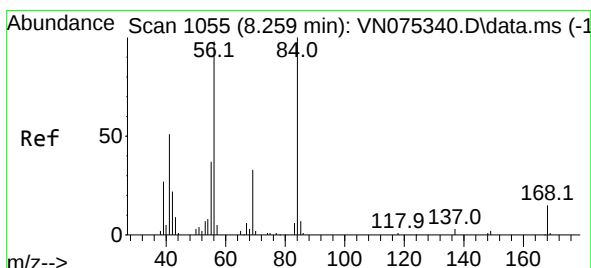
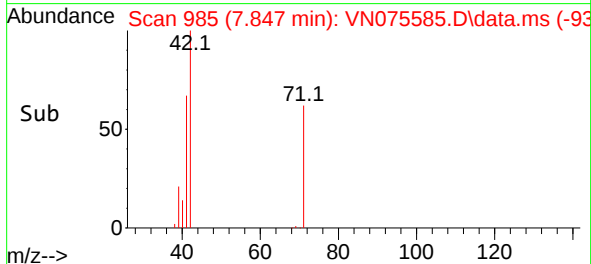
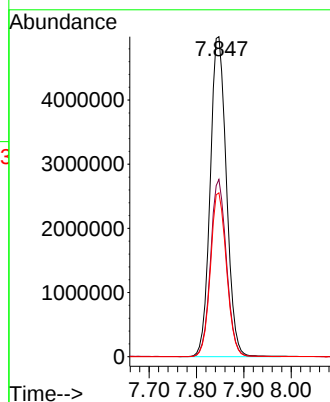
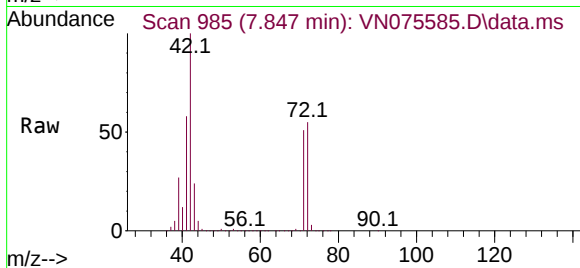




#29
Tetrahydrofuran
Concen: 15678.881 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

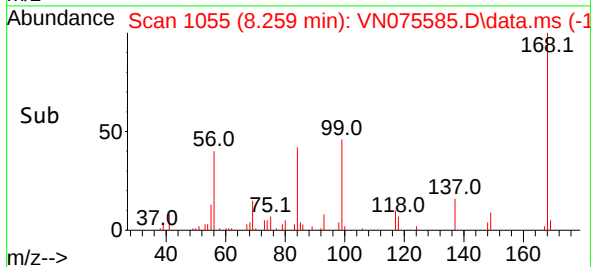
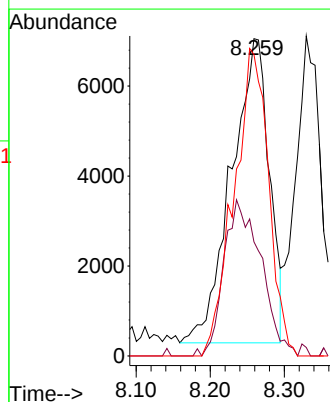
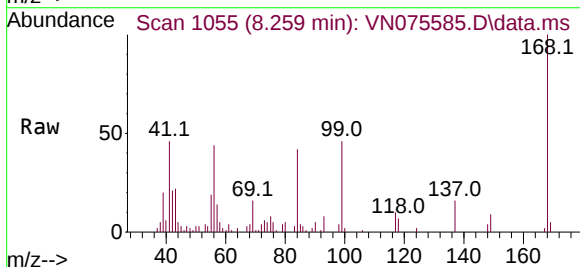
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

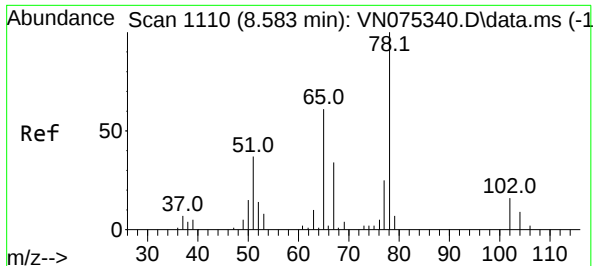
Tgt Ion: 42 Resp:11856236
Ion Ratio Lower Upper
42 100
72 54.4 43.0 64.6
71 50.9 39.9 59.9



#31
Cyclohexane
Concen: 7.893 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion: 56 Resp: 23940
Ion Ratio Lower Upper
56 100
69 37.5 25.2 37.8
84 99.2 77.8 116.8





#33

1,2-Dichloroethane-d4

Concen: 57.546 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.005 min

Lab File: VN075585.D

Acq: 06 Dec 2022 15:26

Instrument :

MSVOA_N

ClientSampleId :

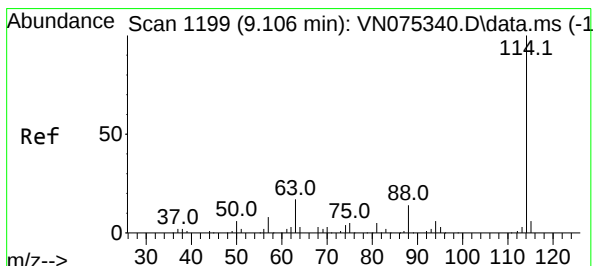
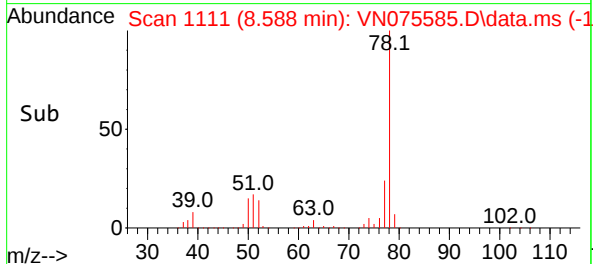
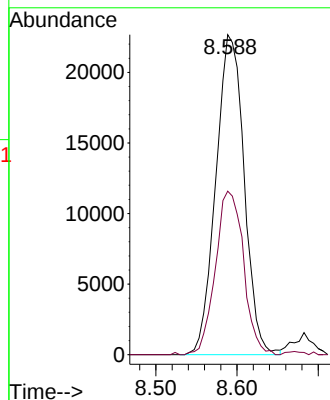
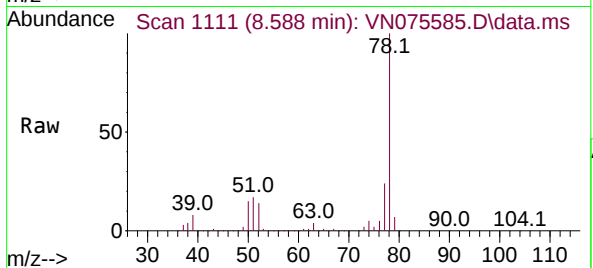
LIN-VRG-12-02

Tgt Ion: 65 Resp: 54936

Ion Ratio Lower Upper

65 100

67 50.6 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: VN075585.D

Acq: 06 Dec 2022 15:26

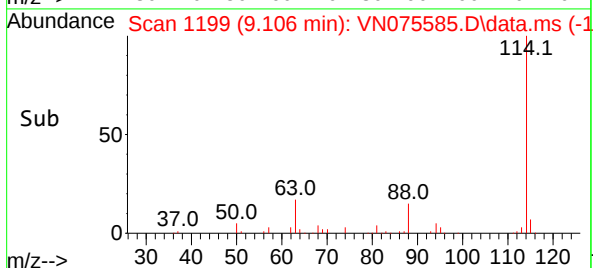
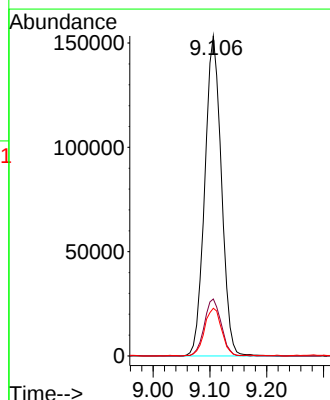
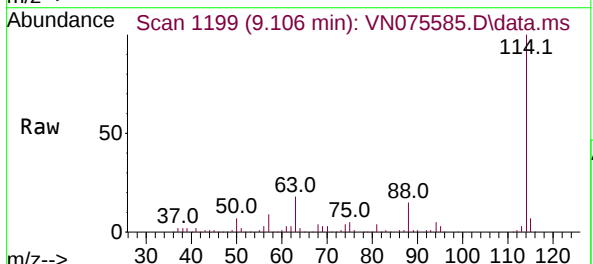
Tgt Ion: 114 Resp: 310739

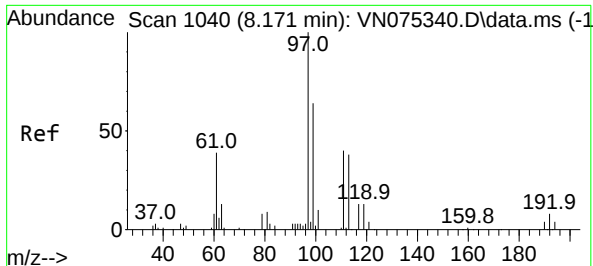
Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 46.585 ug/l

RT: 8.177 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075585.D

Acq: 06 Dec 2022 15:26

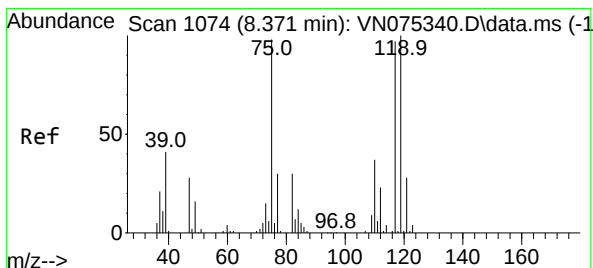
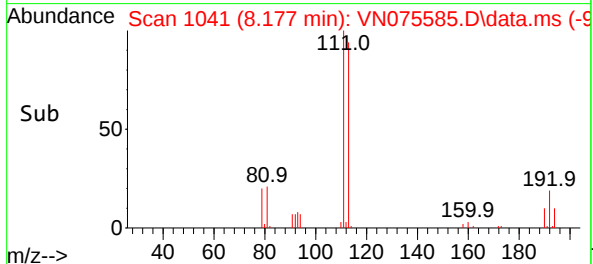
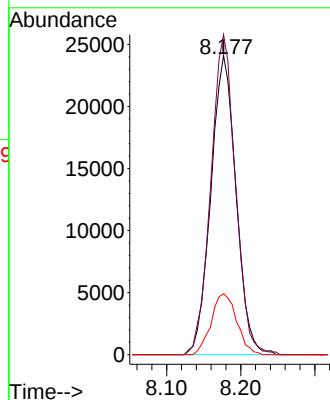
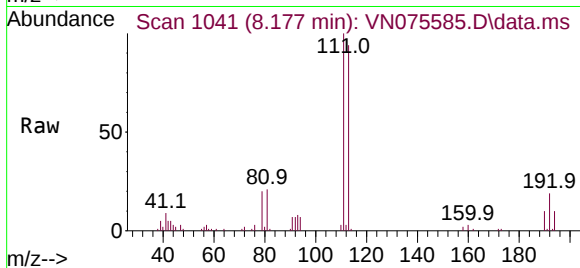
Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:113	Resp:	56865
Ion	Ratio	Lower Upper
113	100	
111	104.5	80.5 120.7
192	20.7	13.2 19.8#



#36

1,1-Dichloropropene

Concen: 5.021 ug/l

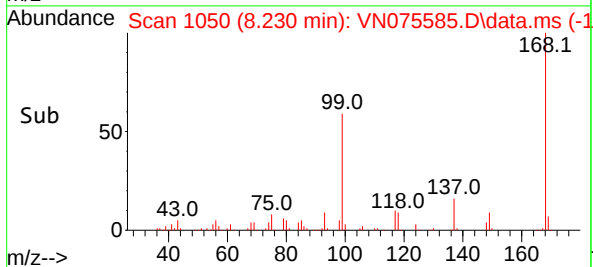
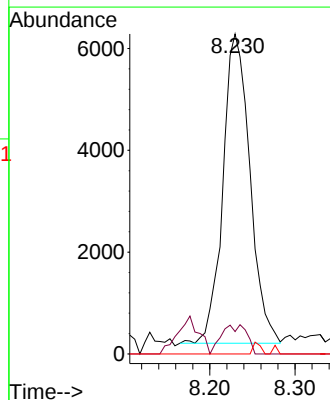
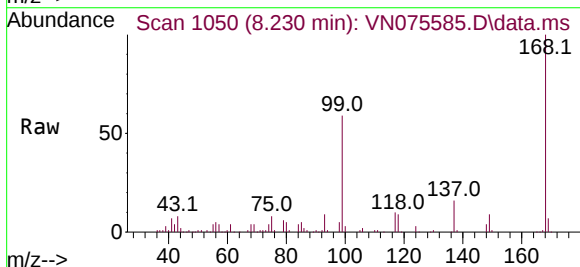
RT: 8.230 min Scan# 1050

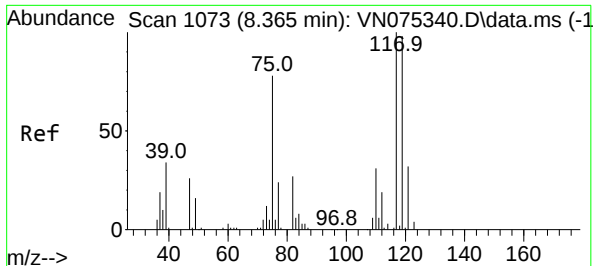
Delta R.T. -0.141 min

Lab File: VN075585.D

Acq: 06 Dec 2022 15:26

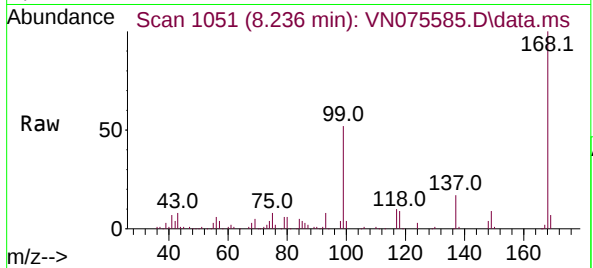
Tgt Ion: 75	Resp:	13366
Ion	Ratio	Lower Upper
75	100	
110	8.8	17.8 53.3#
77	0.0	24.6 37.0#



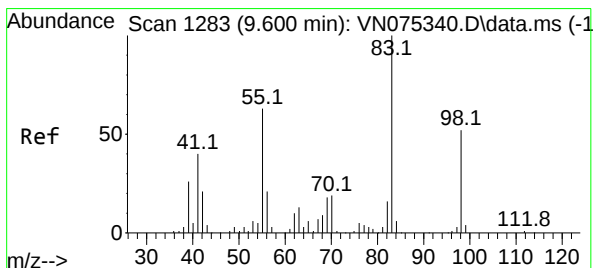
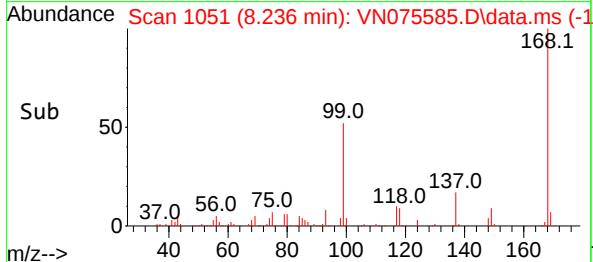
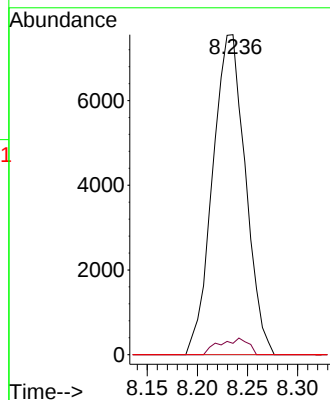


#38
Carbon Tetrachloride
Concen: 5.875 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.130 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

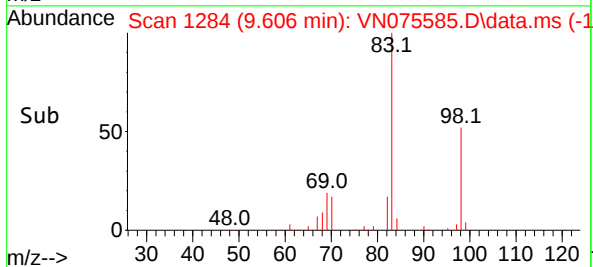
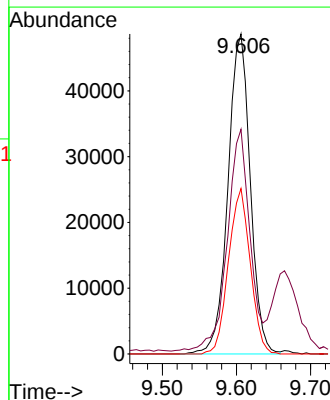
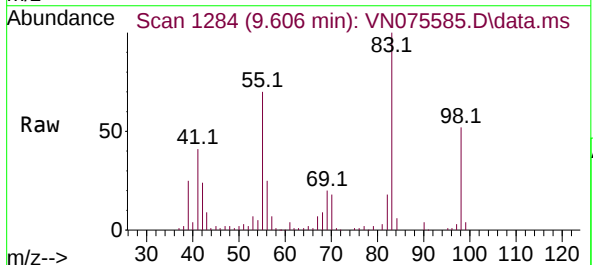


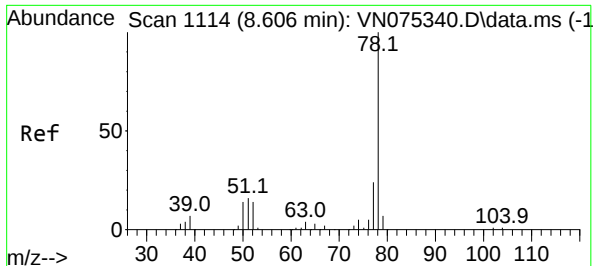
Tgt Ion:117 Resp: 17180
Ion Ratio Lower Upper
117 100
119 3.6 76.7 115.1#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 30.546 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. 0.006 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion: 83 Resp: 101770
Ion Ratio Lower Upper
83 100
55 69.0 53.6 80.4
98 51.7 41.1 61.7

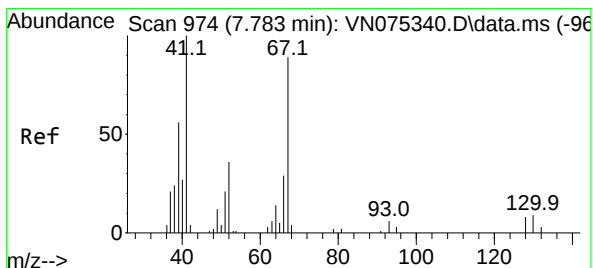
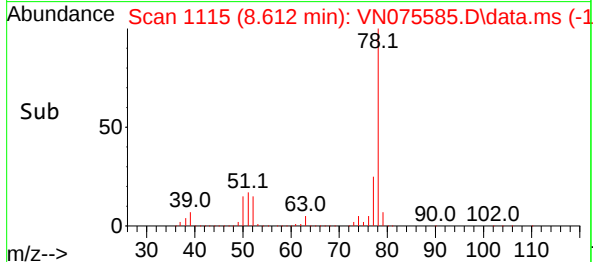
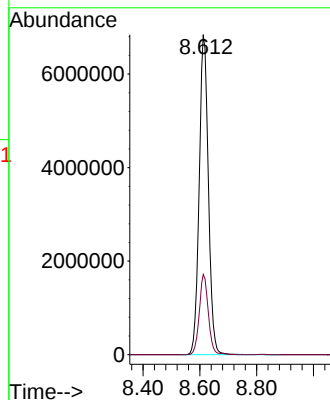
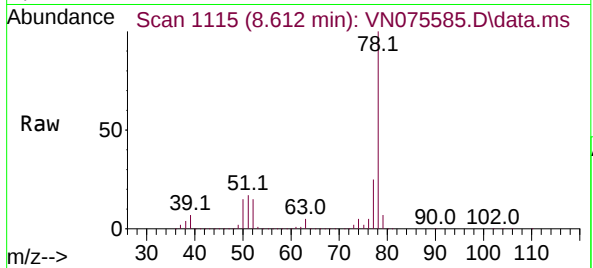




#40
Benzene
Concen: 1884.681 ug/l
RT: 8.612 min Scan# 1114
Delta R.T. 0.006 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

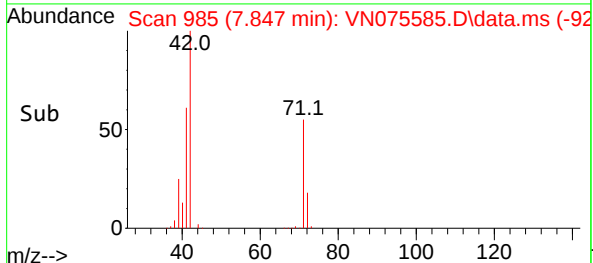
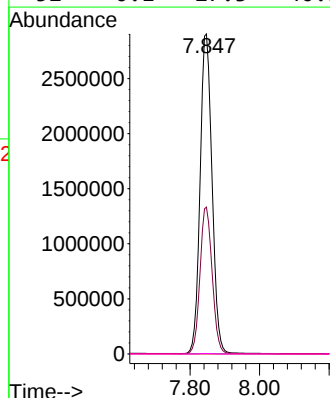
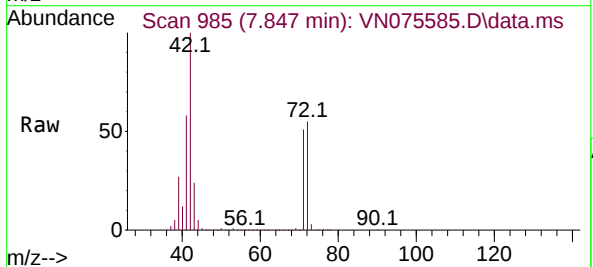
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

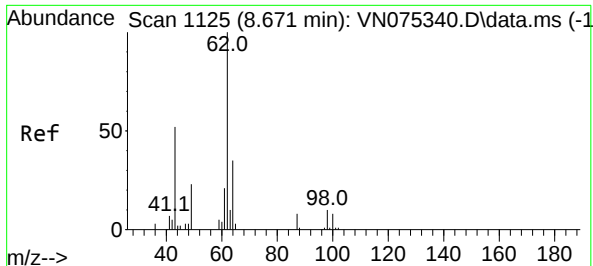
Tgt Ion: 78 Resp:15360794
Ion Ratio Lower Upper
78 100
77 25.1 19.4 29.0



#41
Methacrylonitrile
Concen: 5638.431 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.064 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion: 41 Resp: 6909651
Ion Ratio Lower Upper
41 100
39 46.6 44.4 66.6
67 0.0 69.8 104.6#
52 0.1 27.3 40.9#





#42

1,2-Dichloroethane

Concen: 170.375 ug/l

RT: 8.677 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN075585.D

Acq: 06 Dec 2022 15:26

Instrument :

MSVOA_N

ClientSampleId :

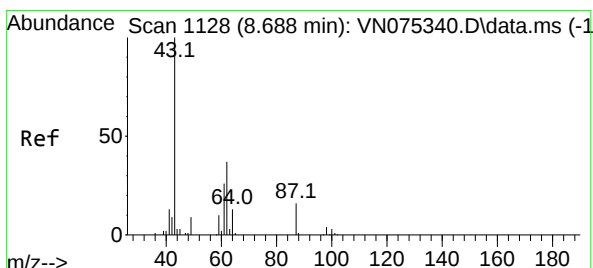
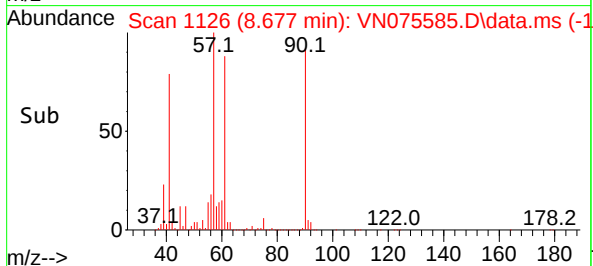
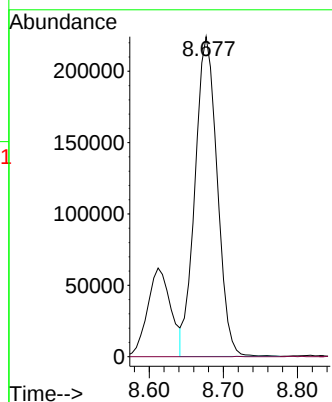
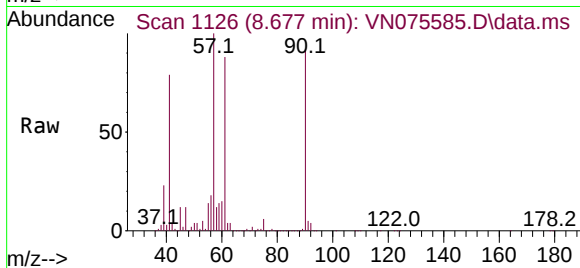
LIN-VRG-12-02

Tgt Ion: 62 Resp: 465063

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2



#43

Isopropyl Acetate

Concen: 77.588 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075585.D

Acq: 06 Dec 2022 15:26

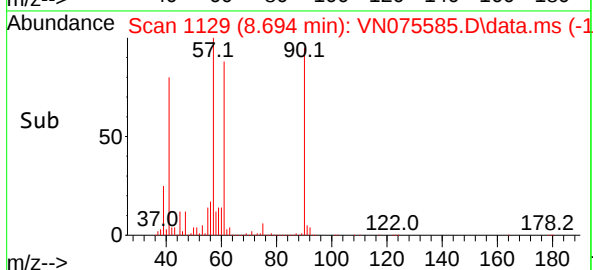
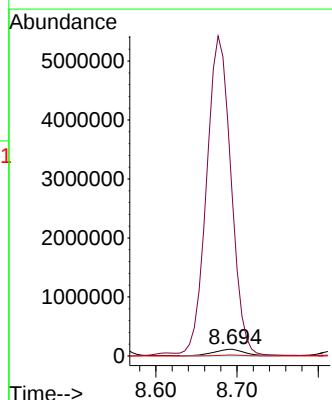
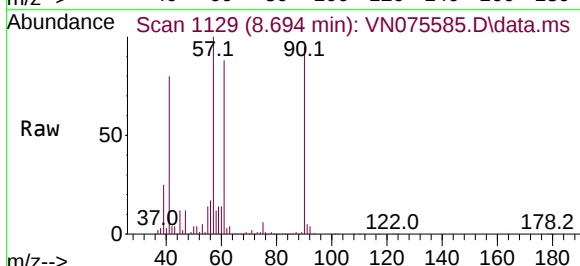
Tgt Ion: 43 Resp: 298515

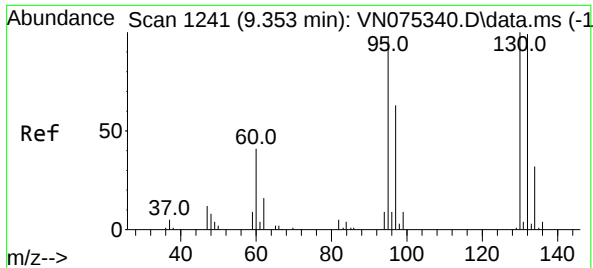
Ion Ratio Lower Upper

43 100

61 3805.7 22.4 33.6#

87 12.2 12.5 18.7#

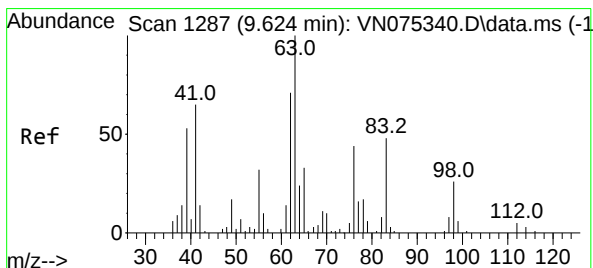
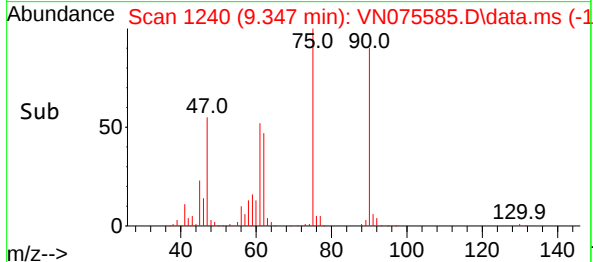
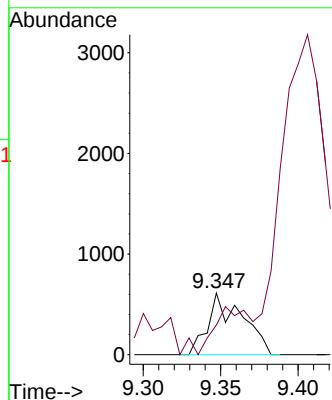
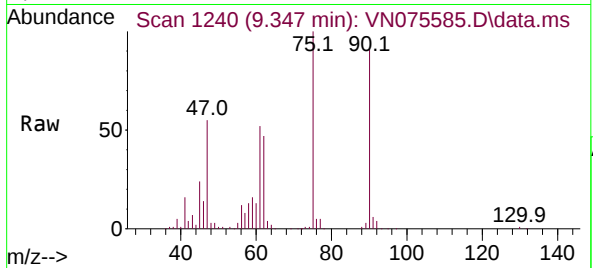




#44
Trichloroethene
Concen: 0.422 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

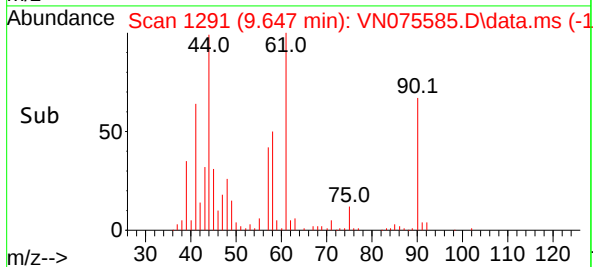
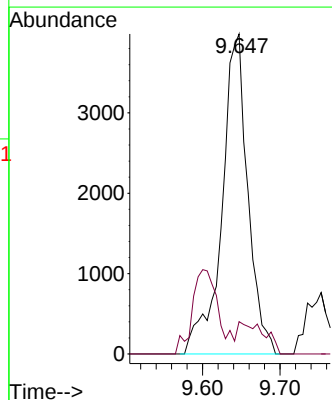
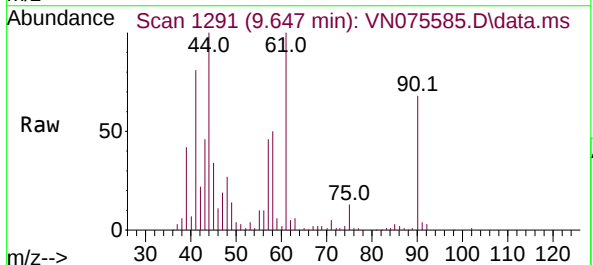
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

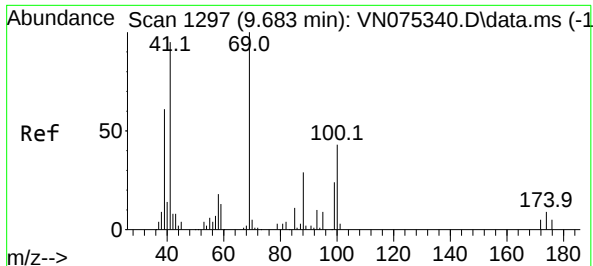
Tgt Ion:130 Resp: 942
Ion Ratio Lower Upper
130 100
95 48.1 0.0 198.4



#45
1,2-Dichloropropane
Concen: 4.777 ug/l
RT: 9.647 min Scan# 1291
Delta R.T. 0.023 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion: 63 Resp: 9279
Ion Ratio Lower Upper
63 100
65 10.1 26.1 39.1#





#48

Methyl methacrylate

Concen: 93.140 ug/l

RT: 9.659 min Scan# 11

Delta R.T. -0.024 min

Lab File: VN075585.D

Acq: 06 Dec 2022 15:26

Instrument :

MSVOA_N

ClientSampleId :

LIN-VRG-12-02

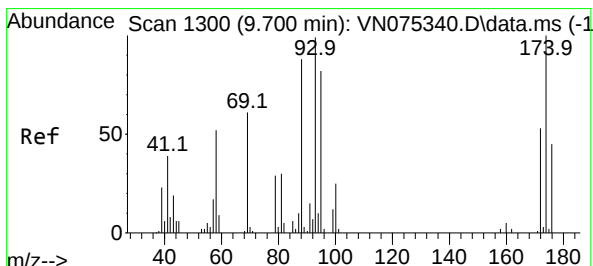
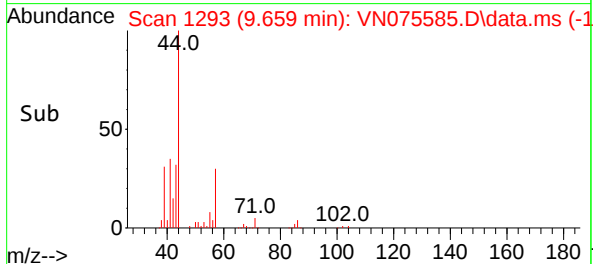
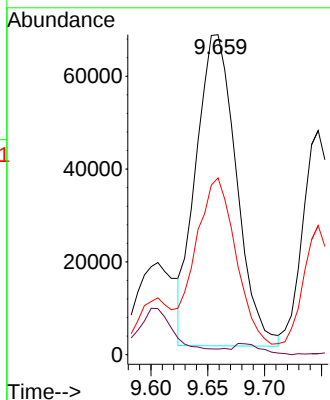
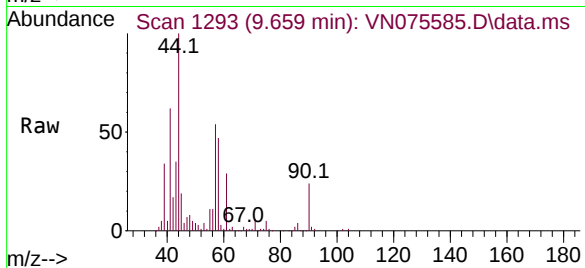
Tgt Ion: 41 Resp: 165699

Ion Ratio Lower Upper

41 100

69 2.8 80.2 120.2#

39 57.6 56.2 84.2



#49

1,4-Dioxane

Concen: 246.929 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075585.D

Acq: 06 Dec 2022 15:26

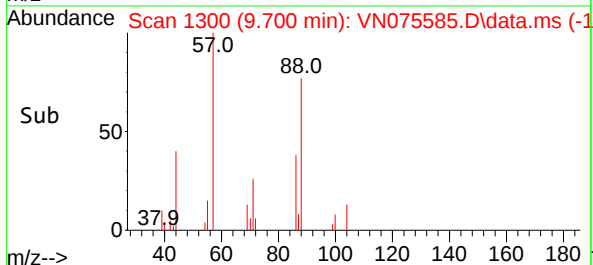
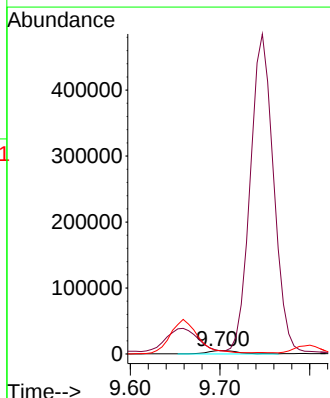
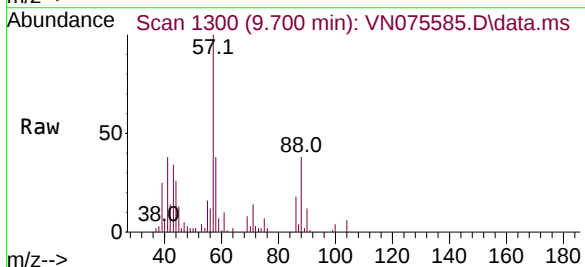
Tgt Ion: 88 Resp: 12474

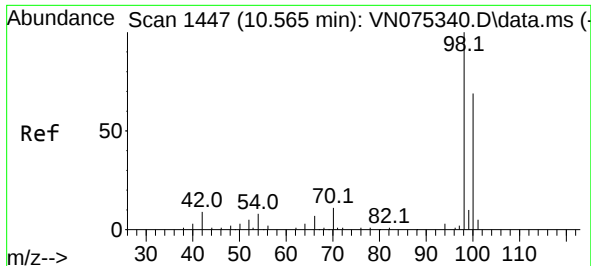
Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3#

58 0.0 49.8 74.8#

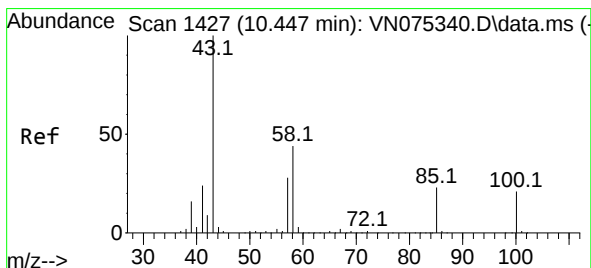
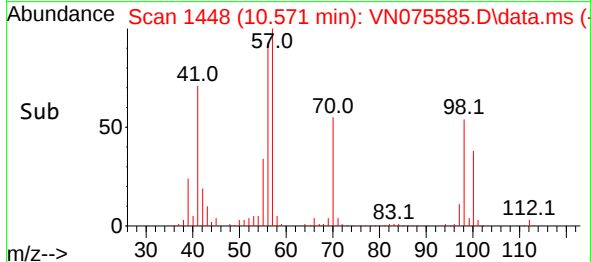
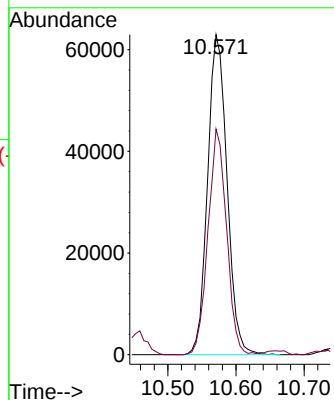
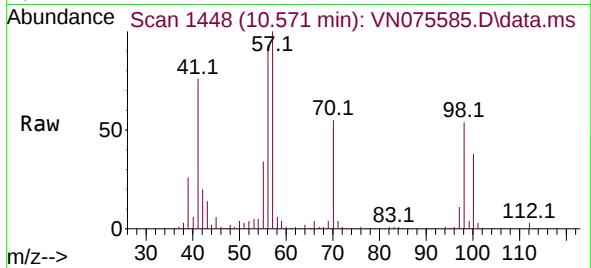




#50
Toluene-d8
Concen: 45.430 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

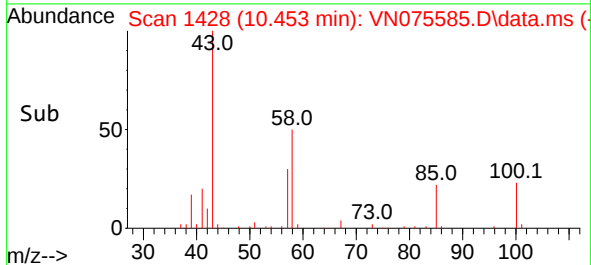
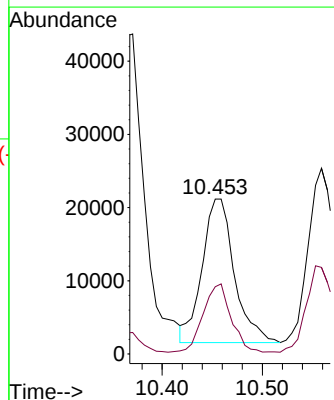
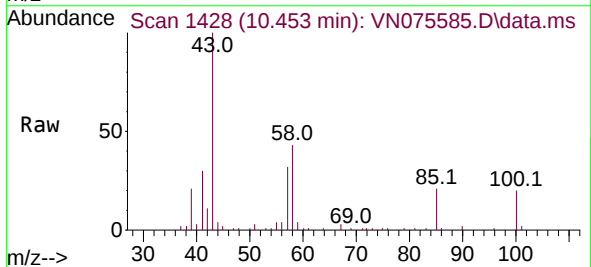
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

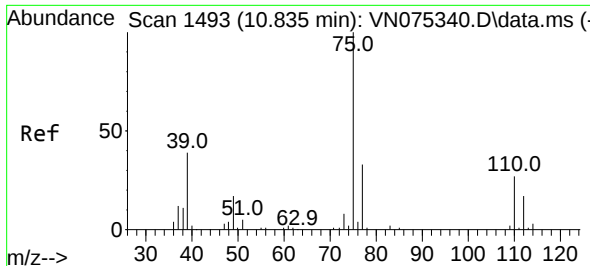
Tgt Ion: 98 Resp: 124903
Ion Ratio Lower Upper
98 100
100 67.3 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 17.876 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion: 43 Resp: 43806
Ion Ratio Lower Upper
43 100
58 41.1 33.6 50.4

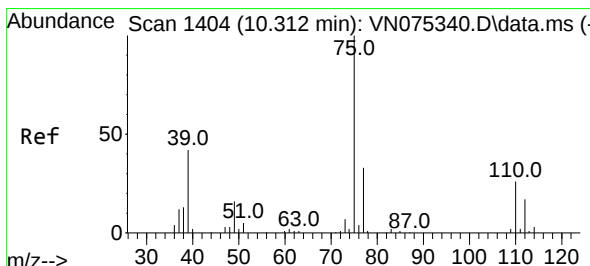
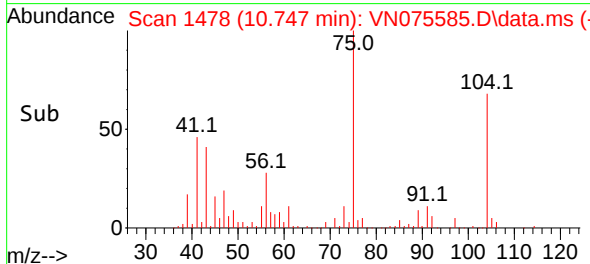
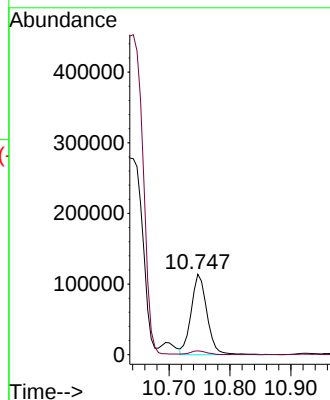
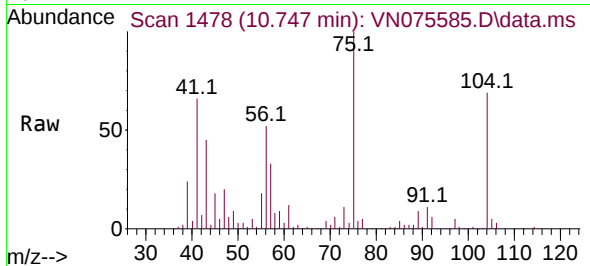




#53
 t-1,3-Dichloropropene
 Concen: 71.956 ug/l
 RT: 10.747 min Scan# 1493
 Delta R.T. -0.088 min
 Lab File: VN075585.D
 Acq: 06 Dec 2022 15:26

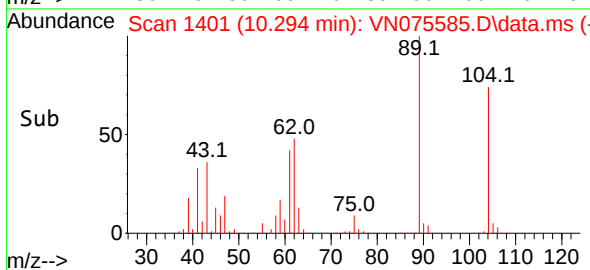
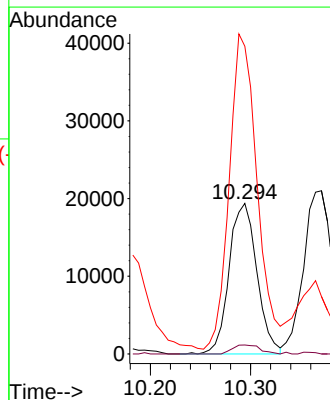
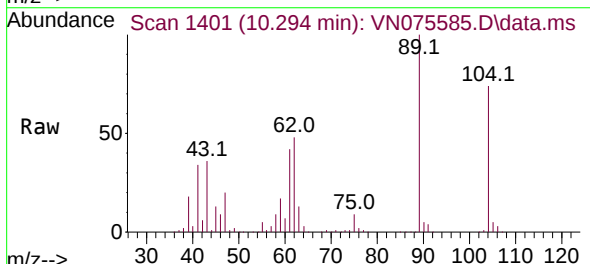
Instrument :
 MSVOA_N
 ClientSampleId :
 LIN-VRG-12-02

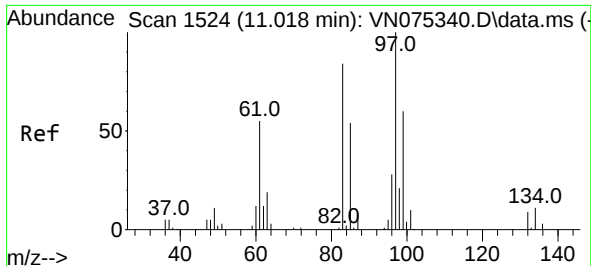
Tgt Ion: 75 Resp: 205514
 Ion Ratio Lower Upper
 75 100
 77 4.7 25.4 38.2#



#54
 cis-1,3-Dichloropropene
 Concen: 12.054 ug/l
 RT: 10.294 min Scan# 1401
 Delta R.T. -0.018 min
 Lab File: VN075585.D
 Acq: 06 Dec 2022 15:26

Tgt Ion: 75 Resp: 37393
 Ion Ratio Lower Upper
 75 100
 77 6.0 23.7 35.5#
 39 198.4 35.8 53.6#

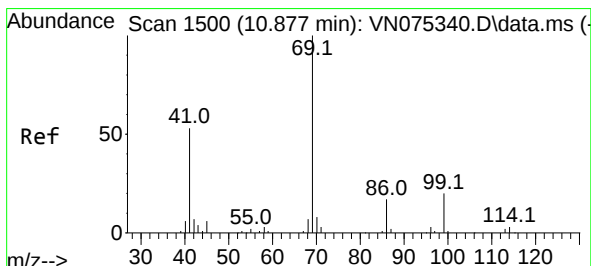
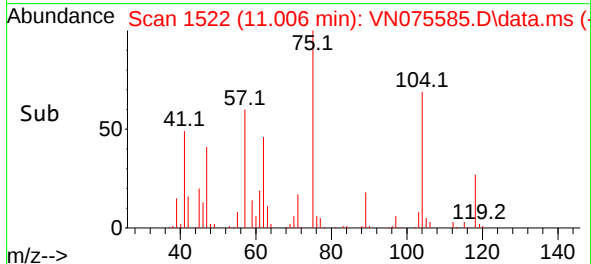
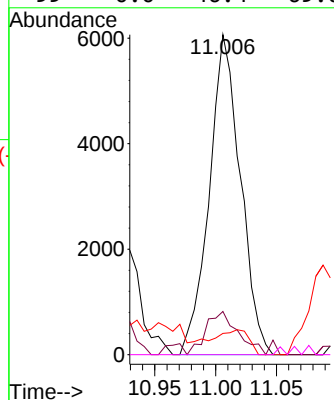
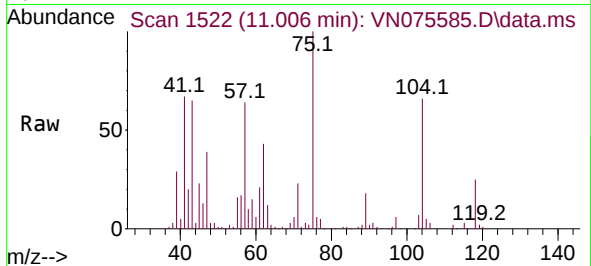




#55
1,1,2-Trichloroethane
Concen: 5.048 ug/l
RT: 11.006 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

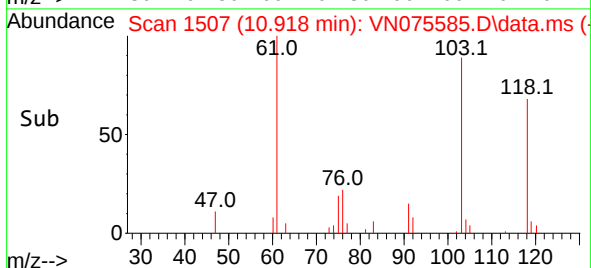
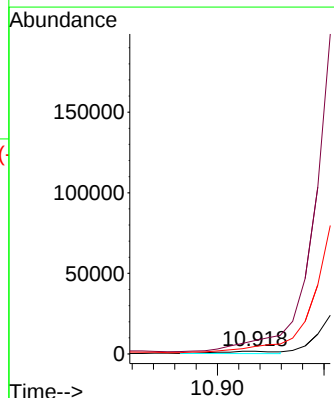
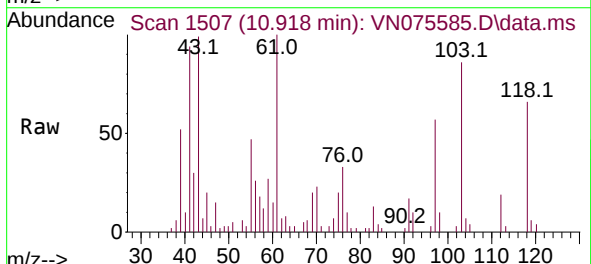
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

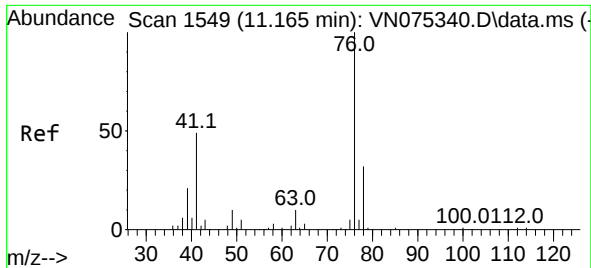
Tgt Ion:	97	Resp:	10799
Ion	Ratio	Lower	Upper
97	100		
83	13.5	65.9	98.9#
85	6.7	40.4	60.6#
99	0.0	46.4	69.6#



#56
Ethyl methacrylate
Concen: 0.912 ug/l
RT: 10.918 min Scan# 1507
Delta R.T. 0.041 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion:	69	Resp:	2634
Ion	Ratio	Lower	Upper
69	100		
41	0.0	45.6	68.4#
39	0.0	28.5	42.7#

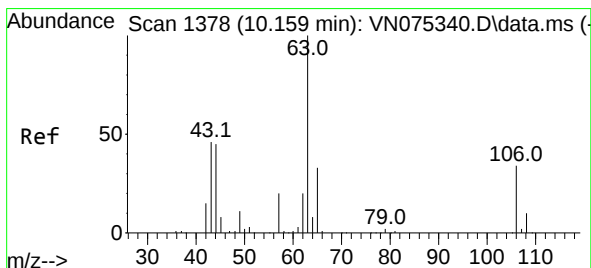
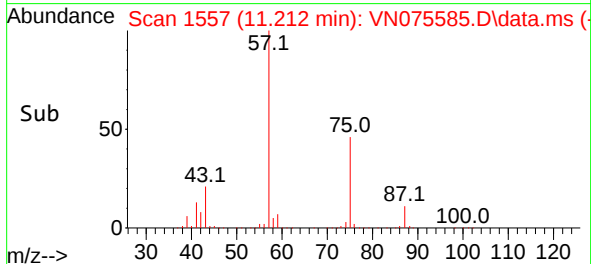
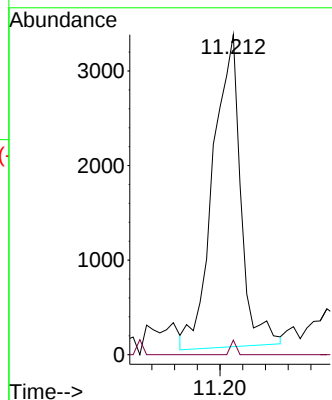
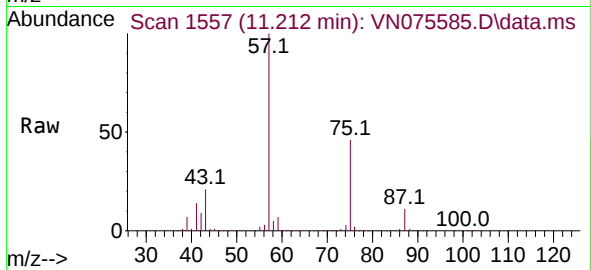




#57
1,3-Dichloropropane
Concen: 1.604 ug/l
RT: 11.212 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

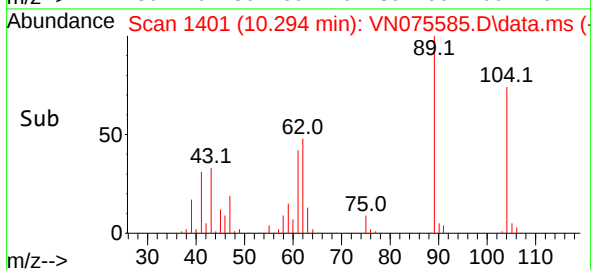
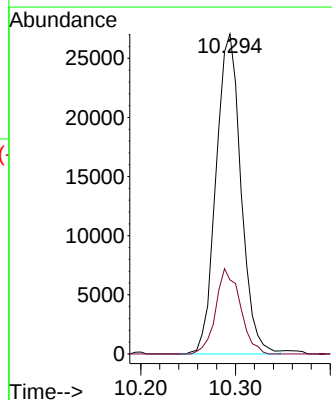
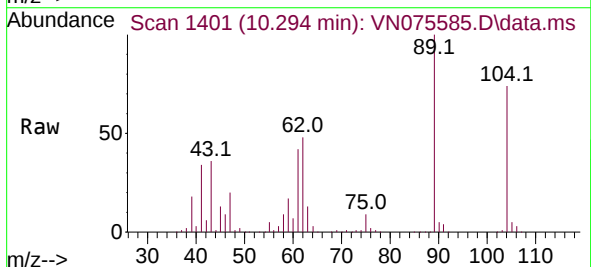
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

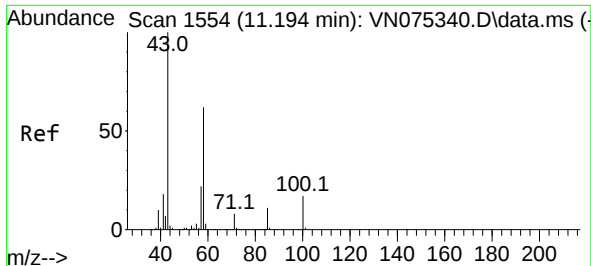
Tgt Ion: 76 Resp: 5596
Ion Ratio Lower Upper
76 100
78 1.0 25.8 38.6#



#58
2-Chloroethyl Vinyl ether
Concen: 47.545 ug/l
RT: 10.294 min Scan# 1401
Delta R.T. 0.135 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion: 63 Resp: 49537
Ion Ratio Lower Upper
63 100
106 26.2 24.8 37.2

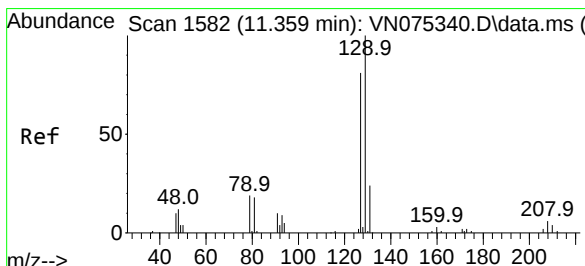
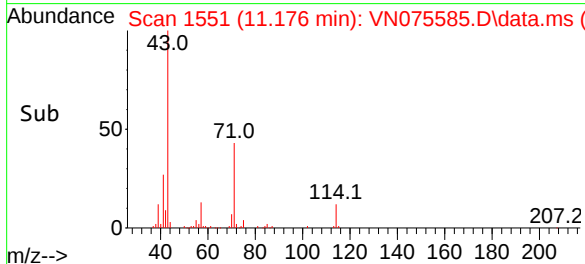
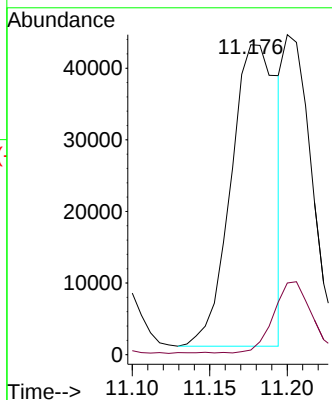
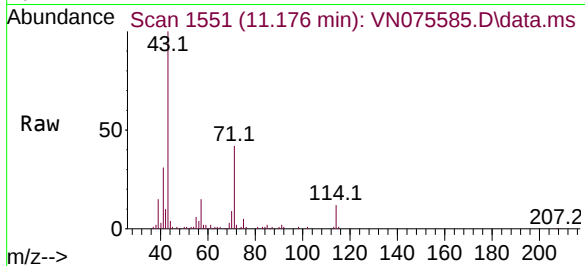




#59
2-Hexanone
Concen: 47.481 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

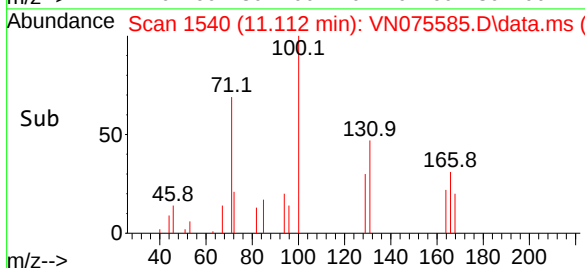
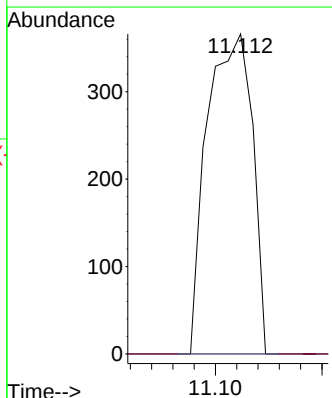
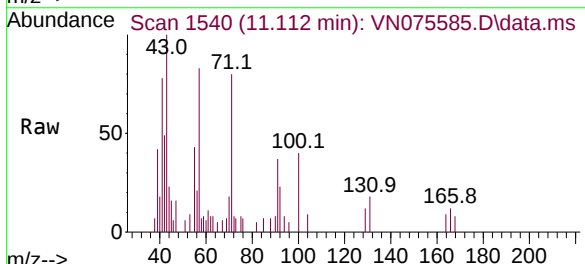
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

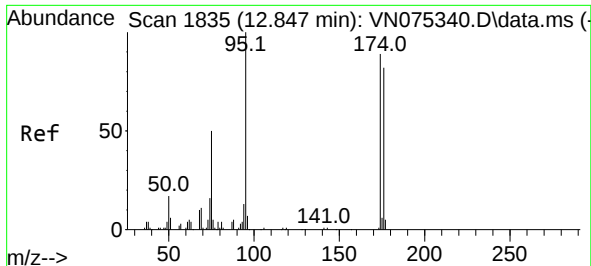
Tgt Ion: 43 Resp: 87369
Ion Ratio Lower Upper
43 100
58 0.0 29.6 88.8#



#60
Dibromochloromethane
Concen: 0.246 ug/l
RT: 11.112 min Scan# 1540
Delta R.T. -0.247 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion: 129 Resp: 540
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

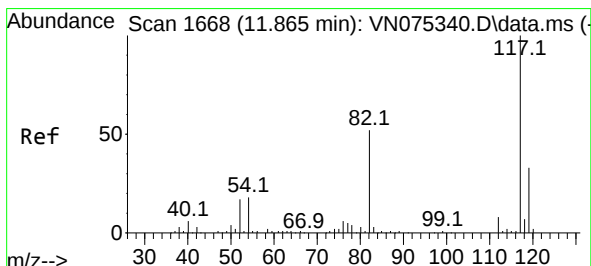
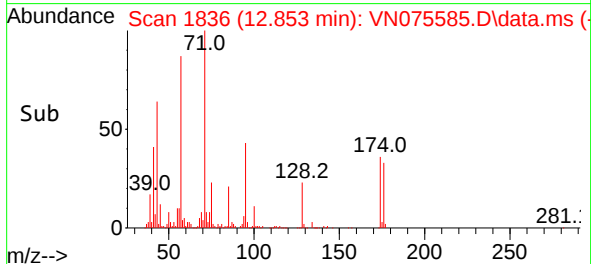
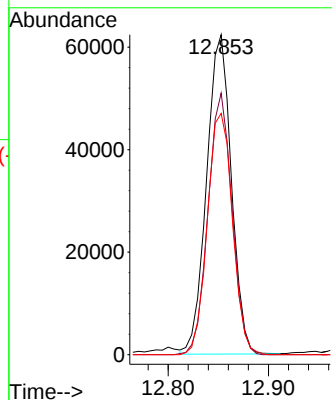
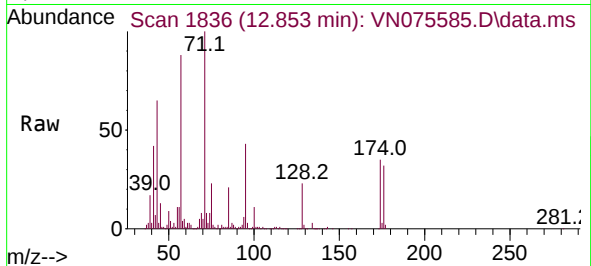




#62
4-Bromofluorobenzene
Concen: 52.664 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

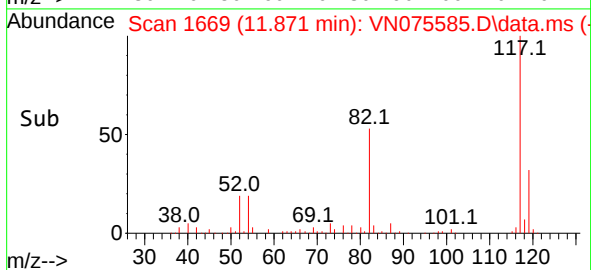
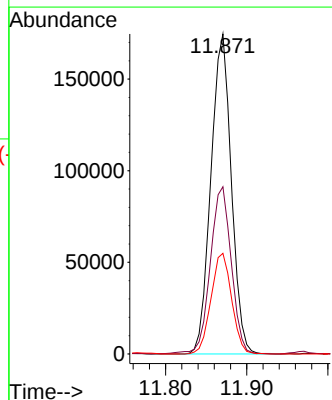
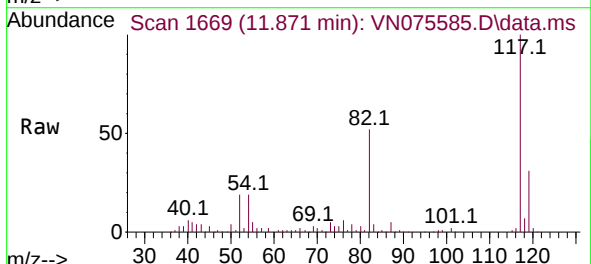
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

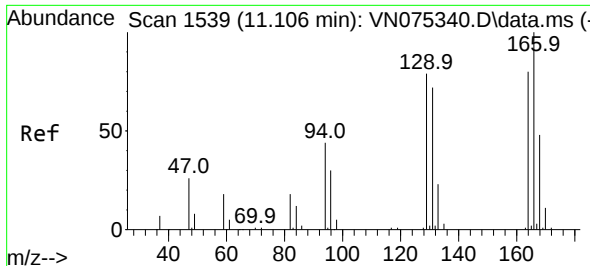
Tgt Ion: 95 Resp: 106872
Ion Ratio Lower Upper
95 100
174 79.2 0.0 147.4
176 76.7 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion: 117 Resp: 304607
Ion Ratio Lower Upper
117 100
82 52.3 43.1 64.7
119 31.5 25.5 38.3

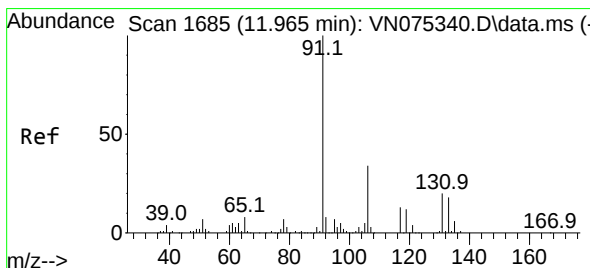
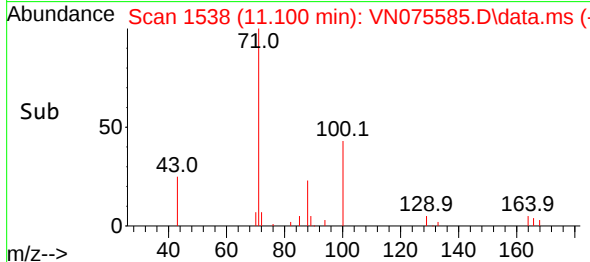
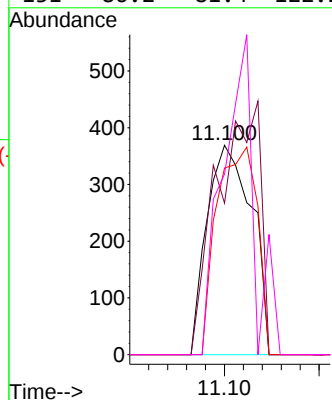
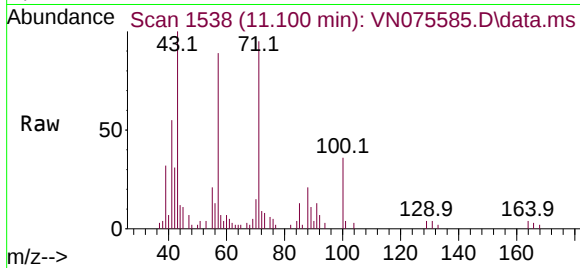




#64
Tetrachloroethene
Concen: 0.260 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

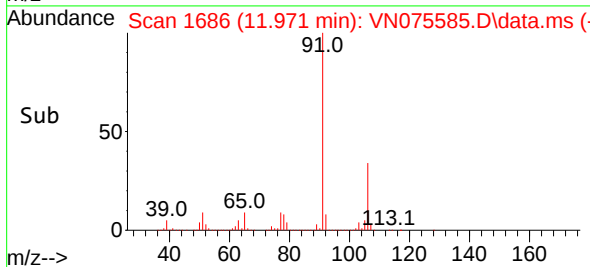
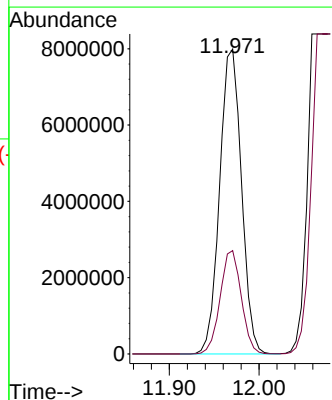
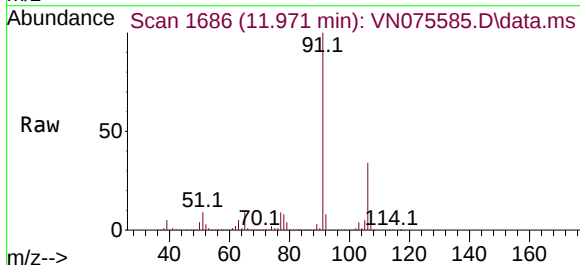
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

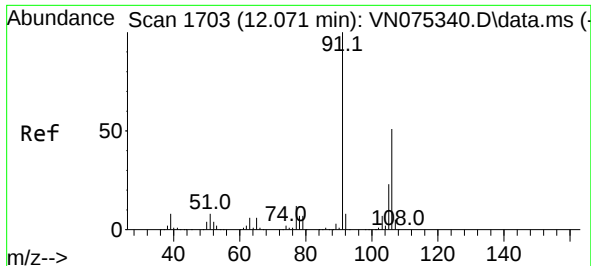
Tgt Ion:164 Resp: 605
Ion Ratio Lower Upper
164 100
166 72.4 106.5 159.7#
129 89.2 81.9 122.9
131 86.2 81.4 122.2



#67
Ethyl Benzene
Concen: 1258.867 ug/l
RT: 11.971 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion: 91 Resp:13510417
Ion Ratio Lower Upper
91 100
106 33.9 24.9 37.3

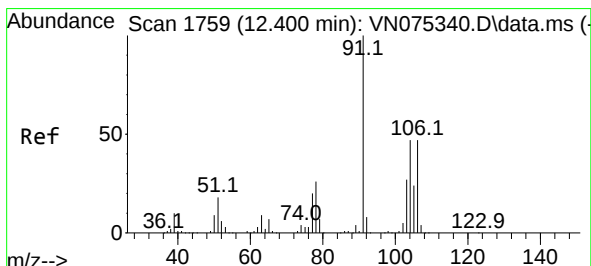
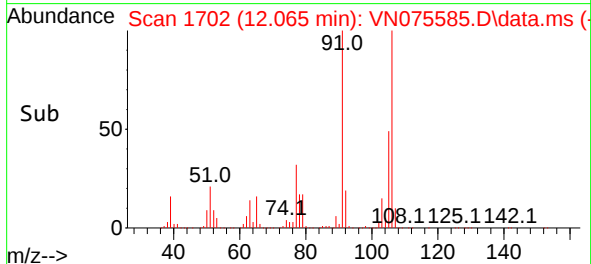
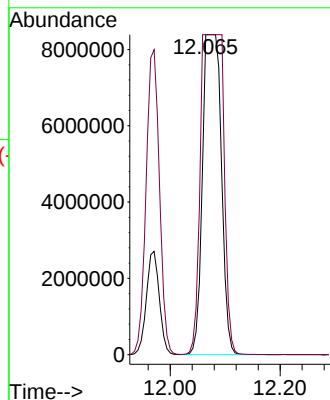
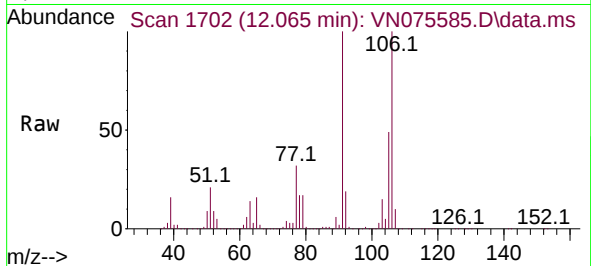




#68
m/p-Xylenes
Concen: 4555.953 ug/l
RT: 12.065 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

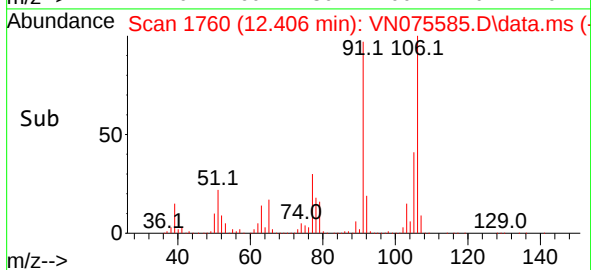
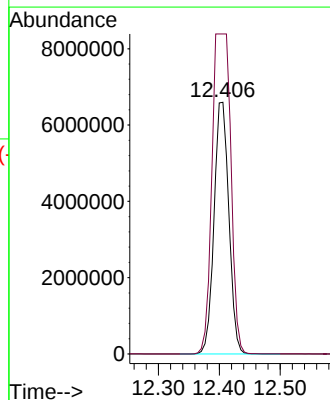
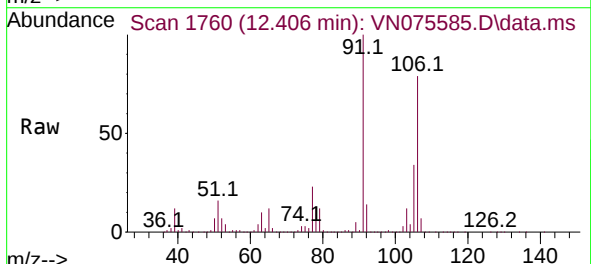
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

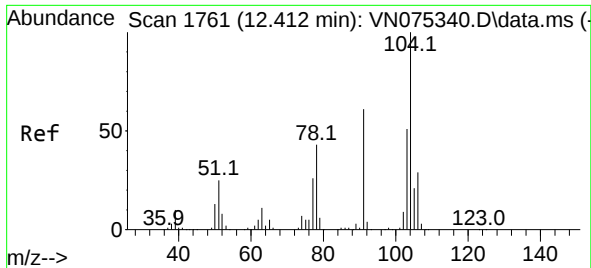
Tgt Ion:106 Resp:19855872
Ion Ratio Lower Upper
106 100
91 0.0 156.0 234.0#



#69
o-Xylene
Concen: 2564.694 ug/l
RT: 12.406 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion:106 Resp:11105632
Ion Ratio Lower Upper
106 100
91 162.3 105.2 315.5

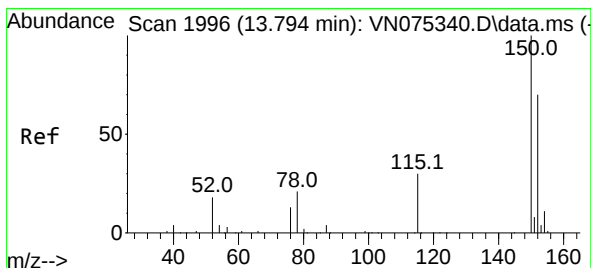
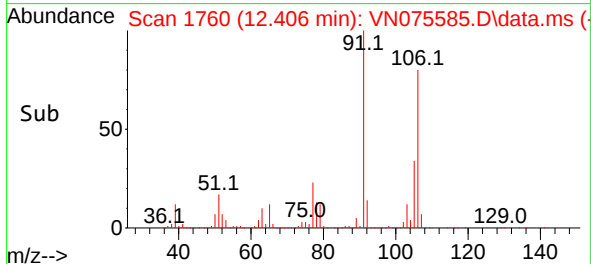
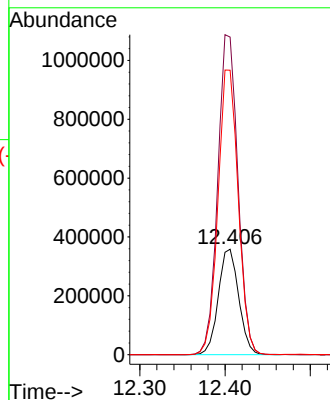
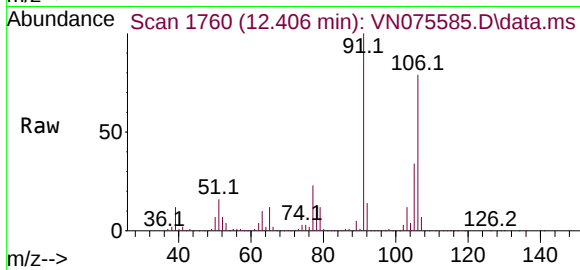




#70
Styrene
Concen: 87.462 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

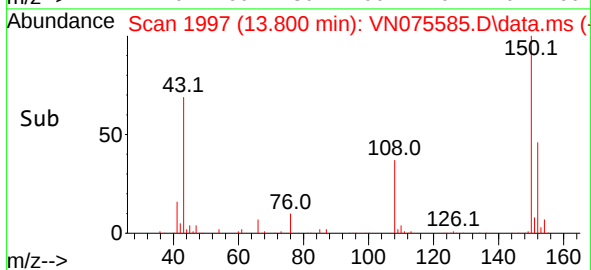
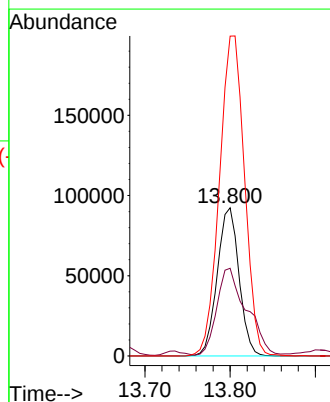
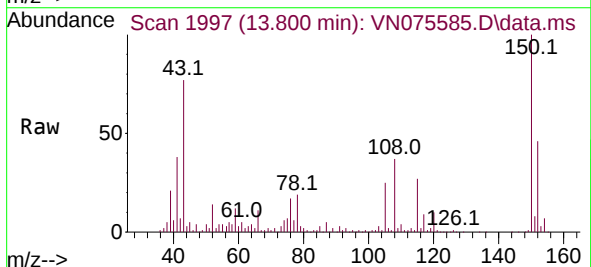
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

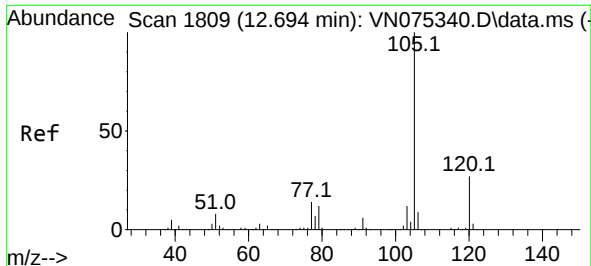
Tgt Ion:104 Resp: 597447
Ion Ratio Lower Upper
104 100
78 298.8 38.1 57.1#
103 267.2 44.6 66.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion:152 Resp: 164515
Ion Ratio Lower Upper
152 100
115 79.8 30.2 90.6
150 248.6 0.0 348.4

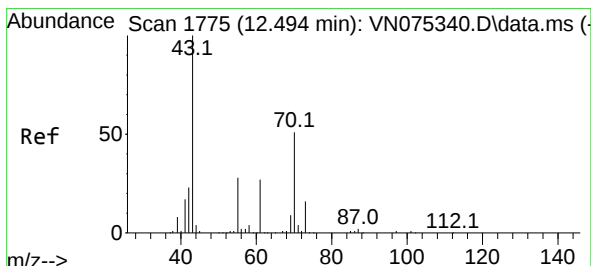
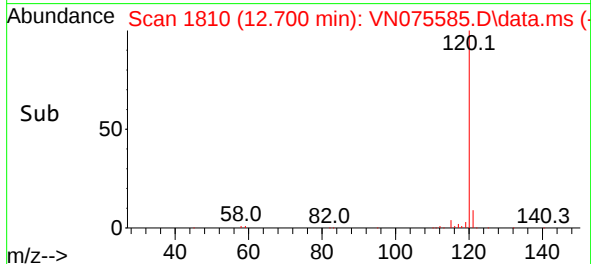
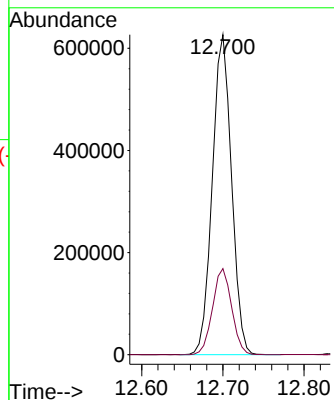
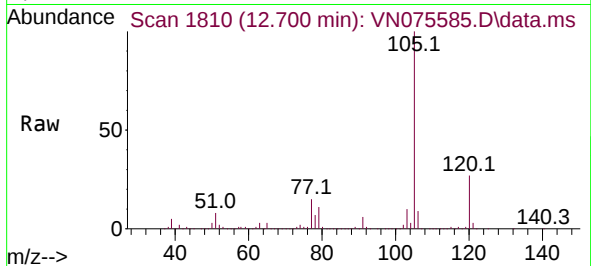




#73
Isopropylbenzene
Concen: 85.555 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

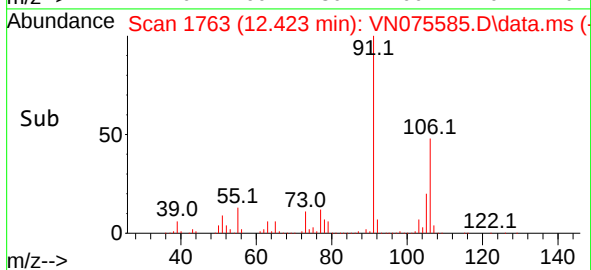
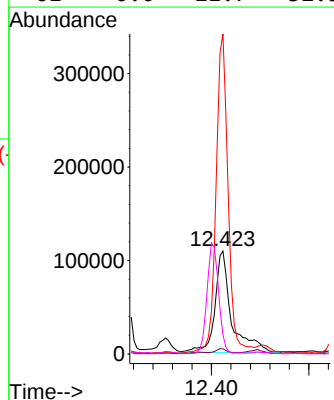
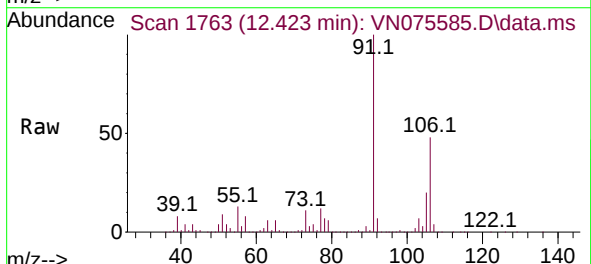
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

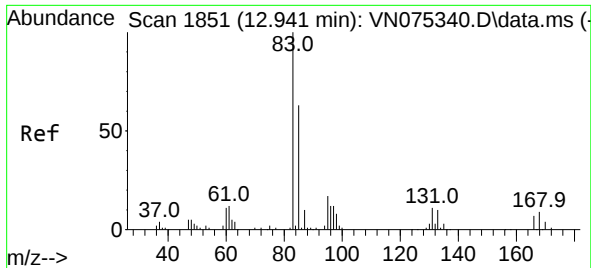
Tgt Ion:105 Resp: 1028316
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1



#74
N-amy1 acetate
Concen: 69.116 ug/l
RT: 12.423 min Scan# 1763
Delta R.T. -0.071 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion: 43 Resp: 255395
Ion Ratio Lower Upper
43 100
70 0.0 39.8 59.8#
55 228.8 19.9 29.9#
61 0.0 21.7 32.5#

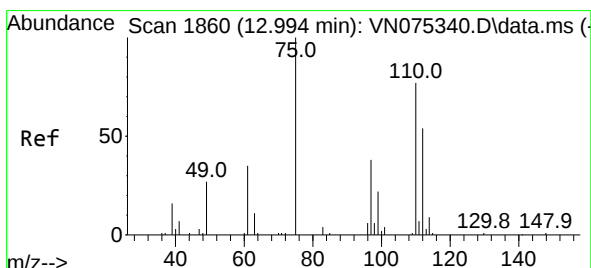
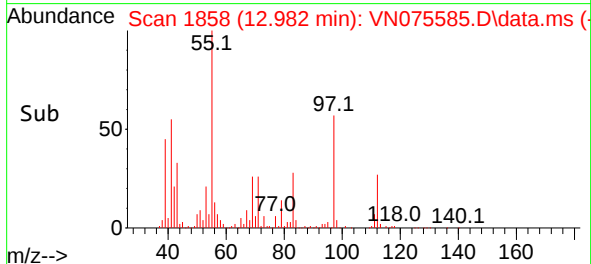
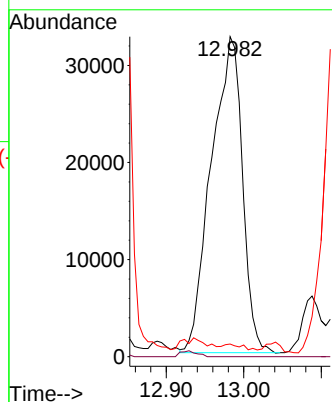
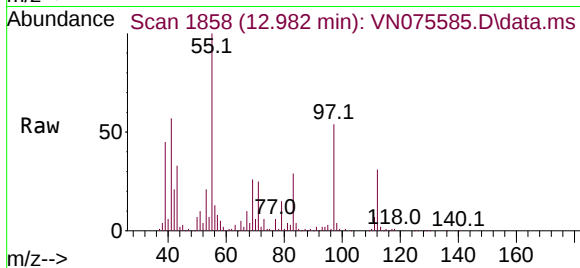




#75
1,1,2,2-Tetrachloroethane
Concen: 24.805 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.041 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

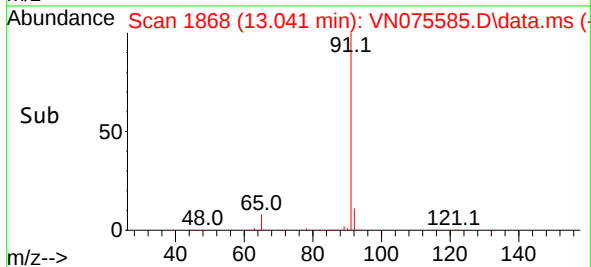
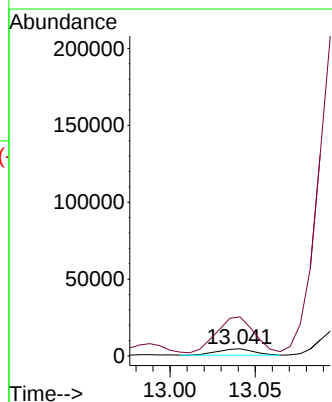
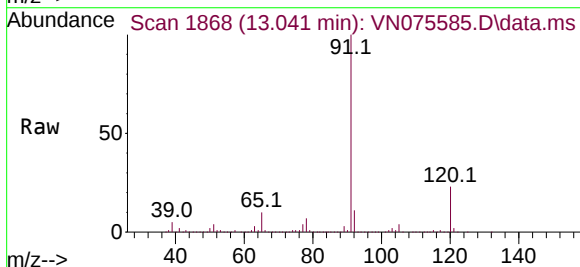
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MSVOA_N
ClientSampleId :
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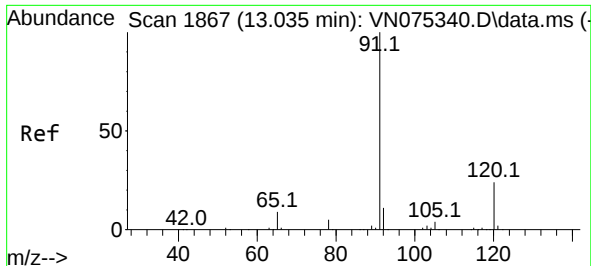
Tgt Ion: 83 Resp: 90898
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 0.0 31.6 94.7#



#76
1,2,3-Trichloropropane
Concen: 1.924 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.047 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion: 75 Resp: 5986
Ion Ratio Lower Upper
75 100
77 680.9 75.6 226.8#

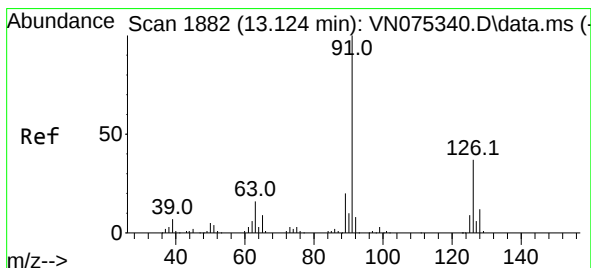
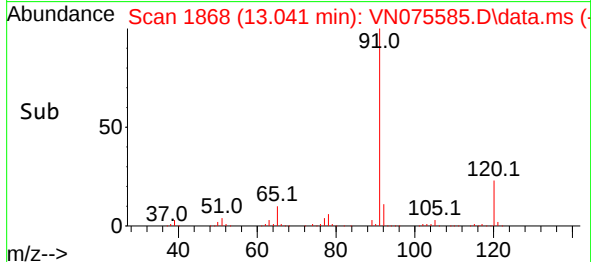
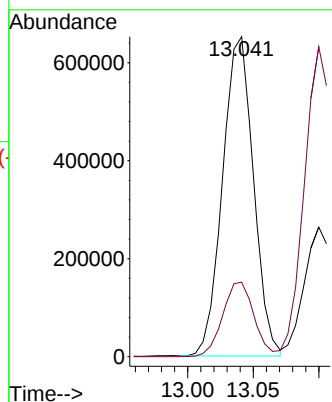
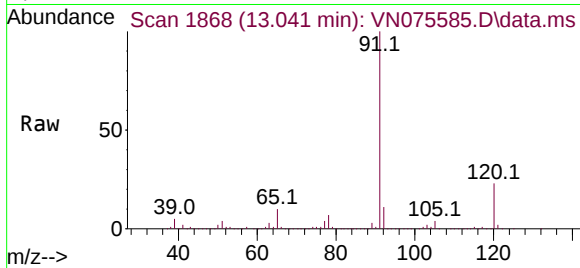




#78
n-propylbenzene
Concen: 79.568 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

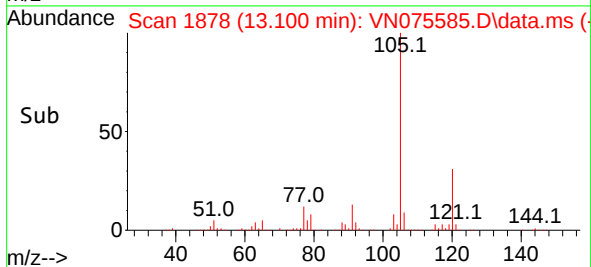
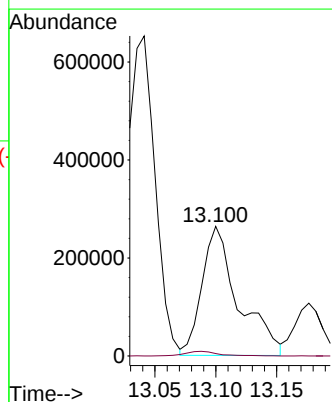
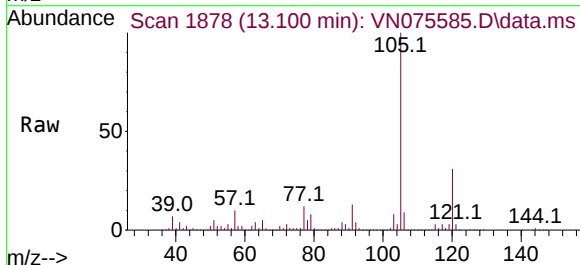
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MSVOA_N
ClientSampleId :
LIN-VRG-12-02

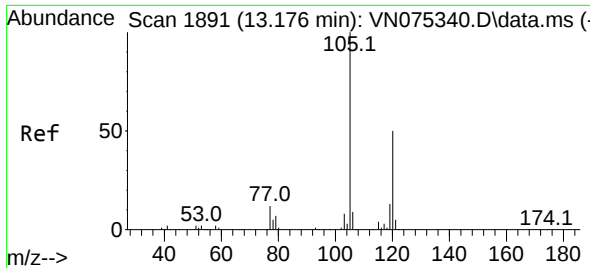
Tgt Ion: 91 Resp: 1067302
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5



#79
2-Chlorotoluene
Concen: 67.766 ug/l
RT: 13.100 min Scan# 1878
Delta R.T. -0.024 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion: 91 Resp: 547691
Ion Ratio Lower Upper
91 100
126 3.4 16.9 50.7#

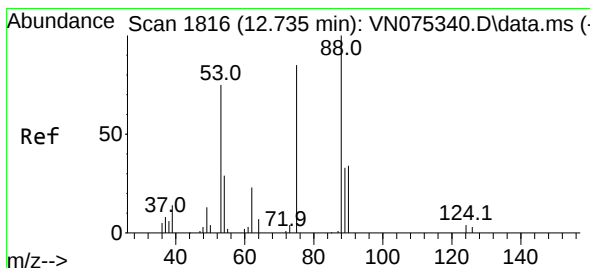
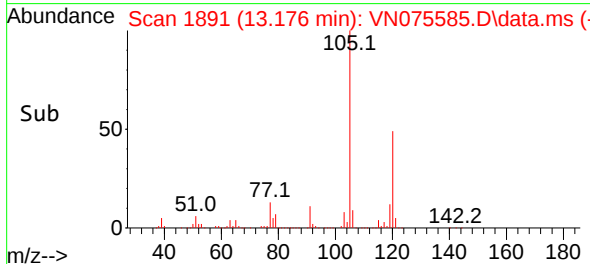
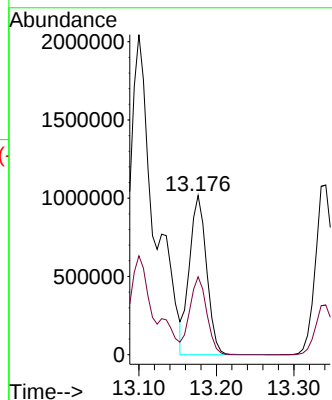
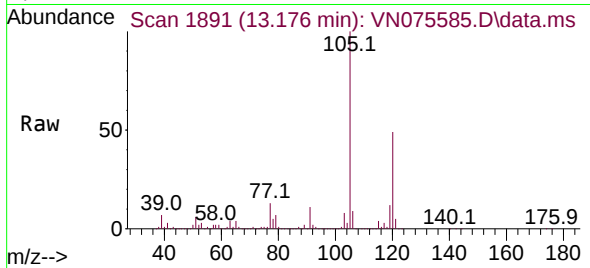




#80
1,3,5-Trimethylbenzene
Concen: 156.313 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

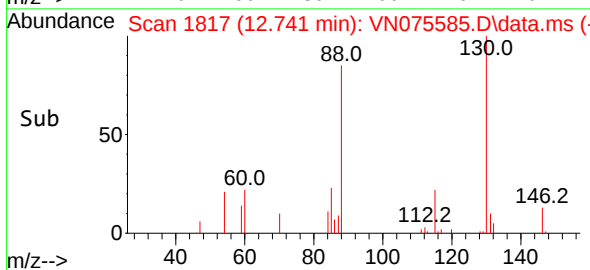
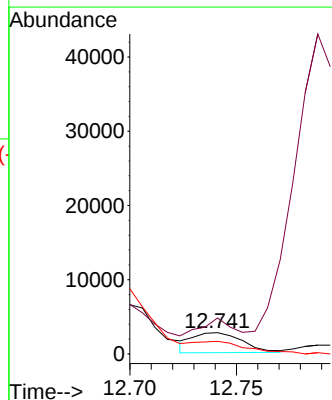
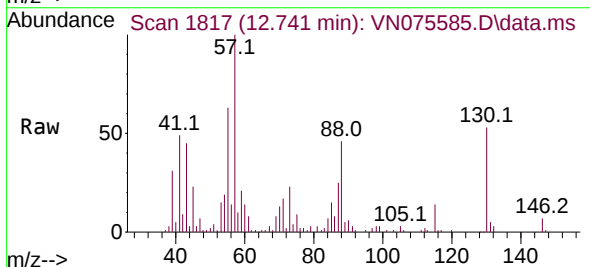
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

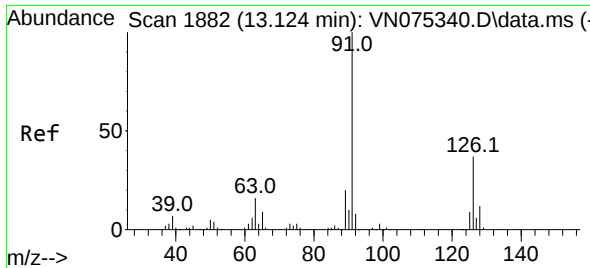
Tgt Ion:105 Resp: 1560918
Ion Ratio Lower Upper
105 100
120 48.7 24.7 74.1



#81
trans-1,4-Dichloro-2-butene
Concen: 4.187 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion: 75 Resp: 4402
Ion Ratio Lower Upper
75 100
53 107.5 78.5 117.7
89 0.0 37.7 56.5#

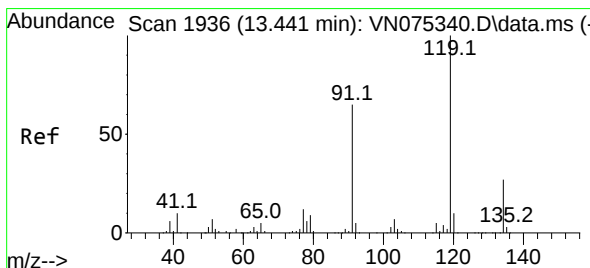
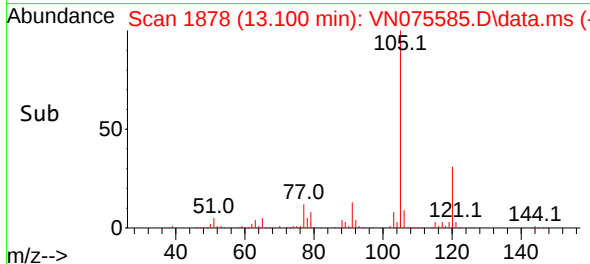
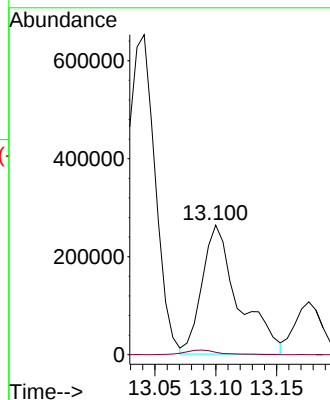
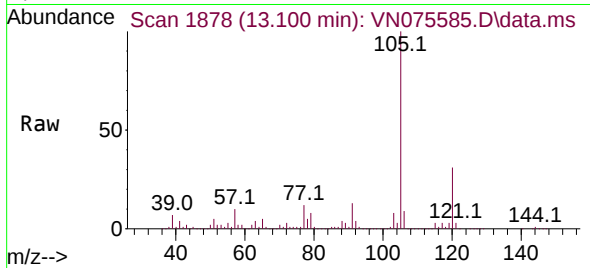




#82
4-Chlorotoluene
Concen: 67.766 ug/l
RT: 13.100 min Scan# 1882
Delta R.T. -0.024 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

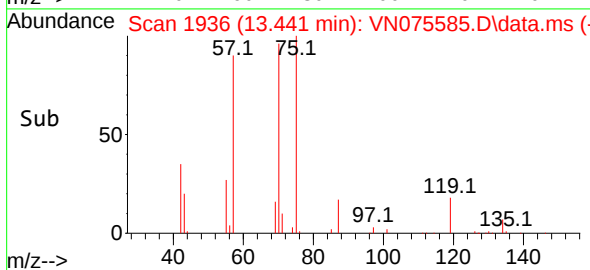
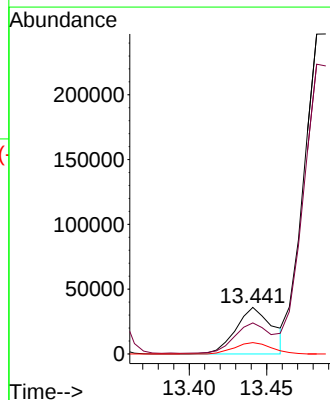
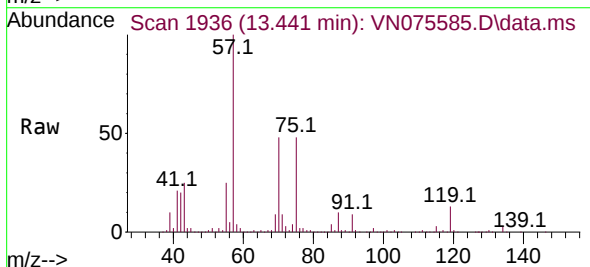
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

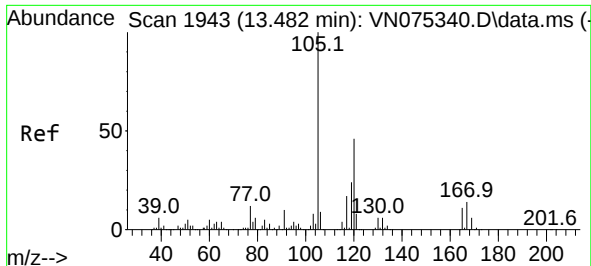
Tgt Ion: 91 Resp: 547691
Ion Ratio Lower Upper
91 100
126 3.4 16.9 50.7#



#83
tert-Butylbenzene
Concen: 6.462 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion: 119 Resp: 58836
Ion Ratio Lower Upper
119 100
91 59.8 32.8 98.4
134 24.5 12.3 36.9

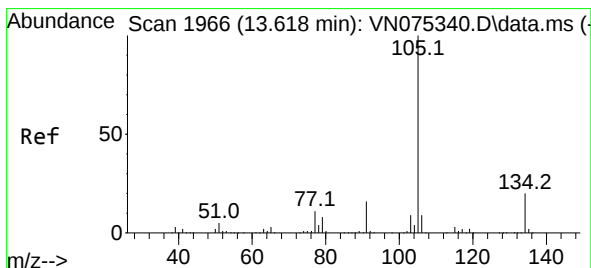
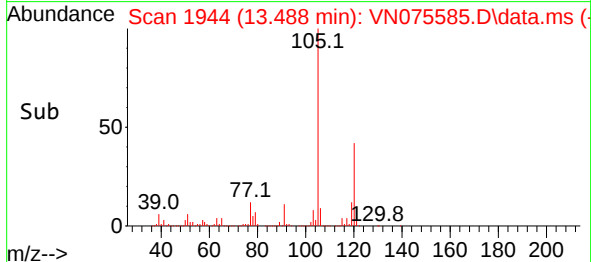
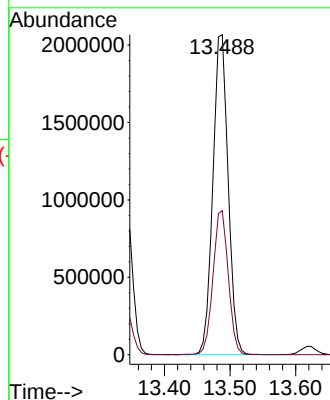
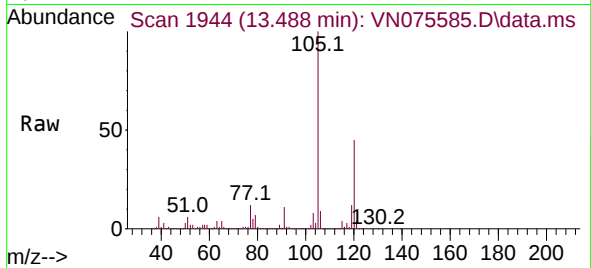




#84
1,2,4-Trimethylbenzene
Concen: 333.225 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

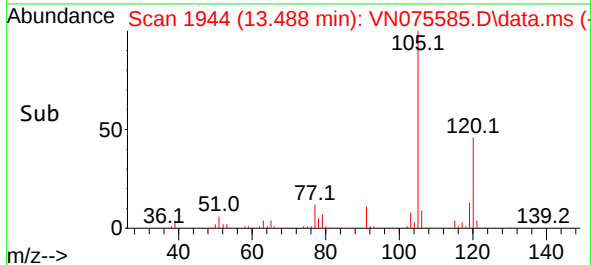
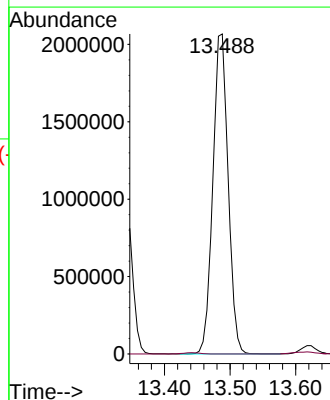
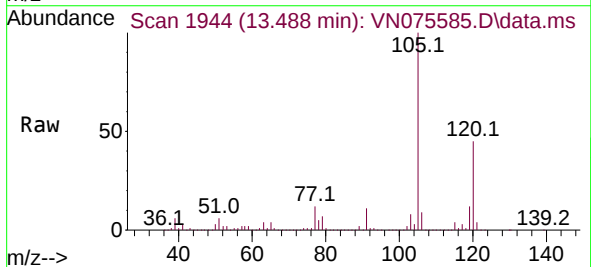
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

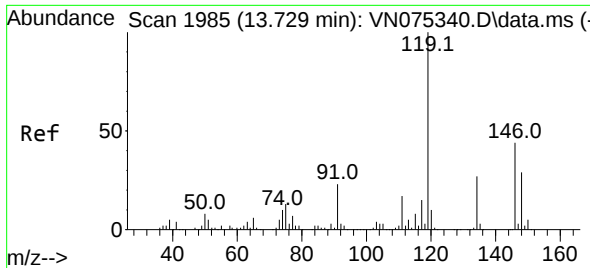
Tgt Ion:105 Resp: 3337737
Ion Ratio Lower Upper
105 100
120 45.1 22.7 68.1



#85
sec-Butylbenzene
Concen: 270.179 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. -0.130 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion:105 Resp: 3337737
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.6#

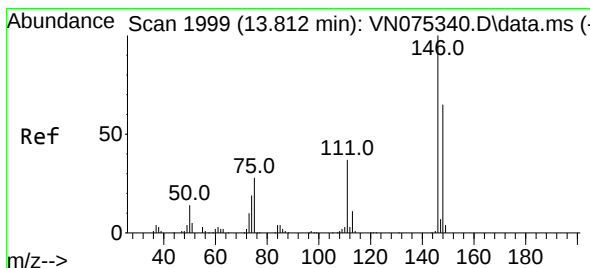
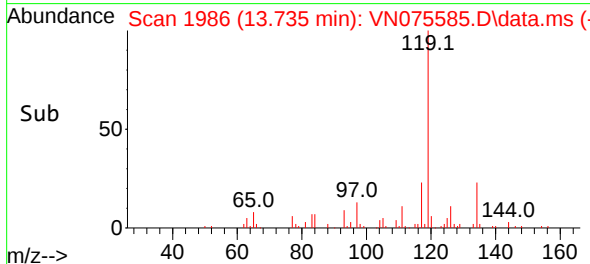
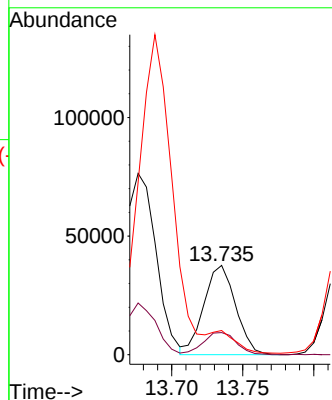
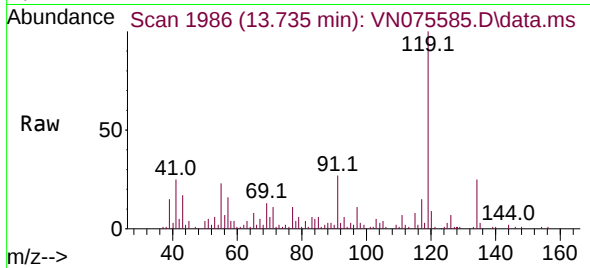




#86
 p-Isopropyltoluene
 Concen: 5.649 ug/l
 RT: 13.735 min Scan# 1985
 Delta R.T. 0.006 min
 Lab File: VN075585.D
 Acq: 06 Dec 2022 15:26

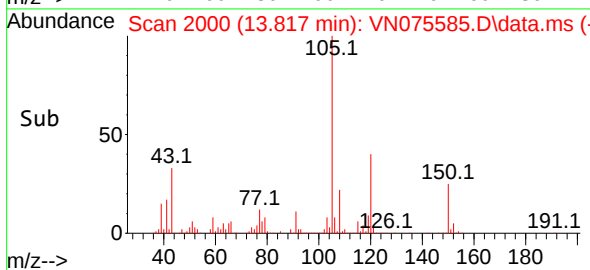
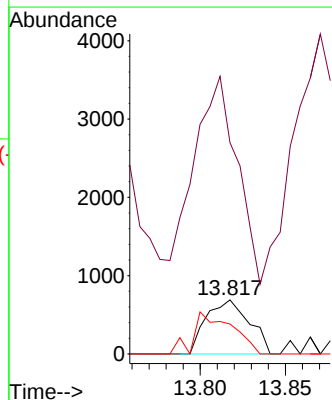
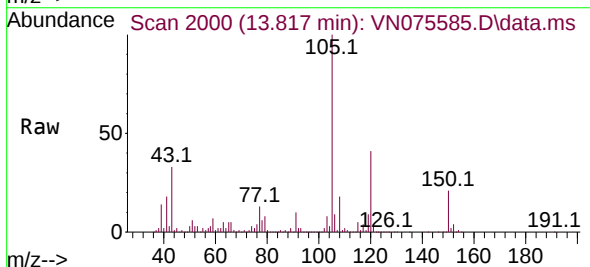
Instrument :
 MSVOA_N
 ClientSampleId :
 LIN-VRG-12-02

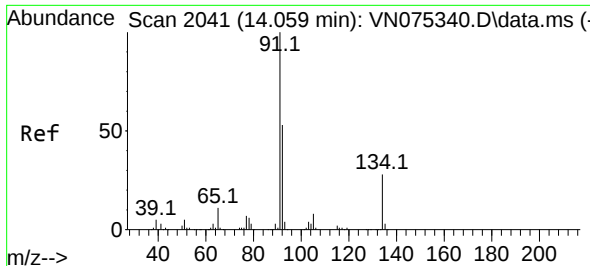
Tgt Ion:119 Resp: 58718
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.3
 91 0.0 11.9 35.5#



#88
 1,4-Dichlorobenzene
 Concen: 0.212 ug/l
 RT: 13.817 min Scan# 2000
 Delta R.T. 0.005 min
 Lab File: VN075585.D
 Acq: 06 Dec 2022 15:26

Tgt Ion:146 Resp: 1210
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.1 60.3#
 148 69.4 31.9 95.7

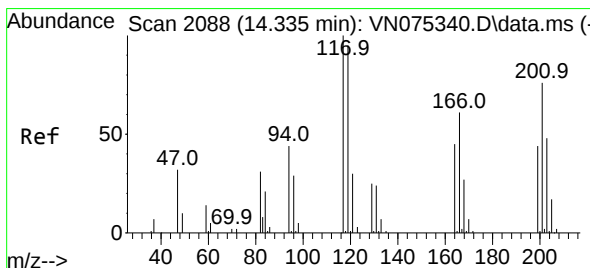
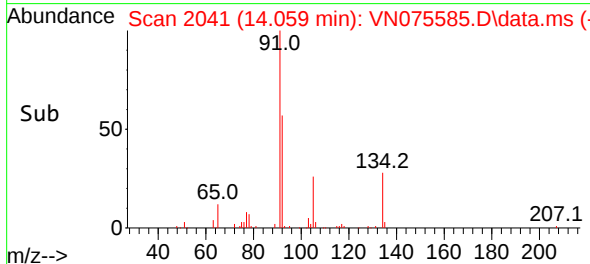
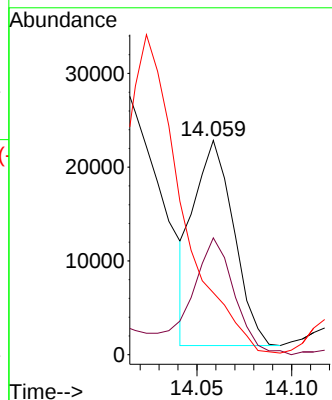
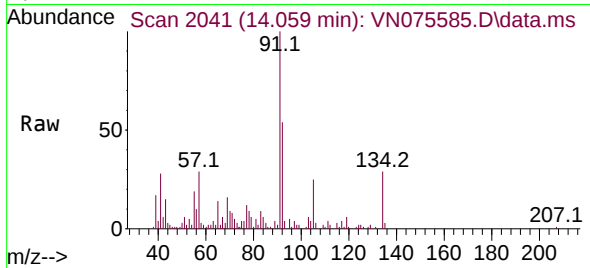




#89
n-Butylbenzene
Concen: 3.629 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

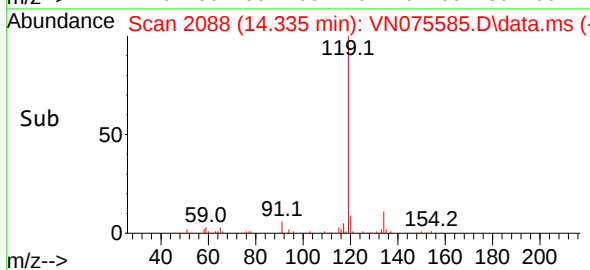
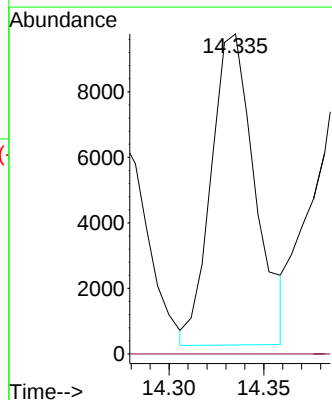
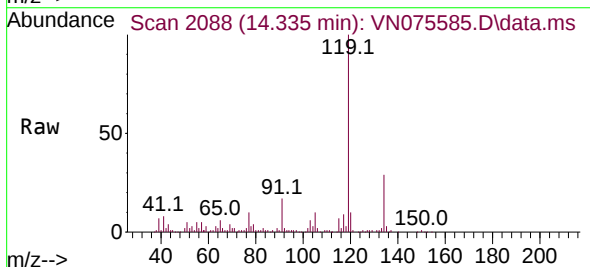
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

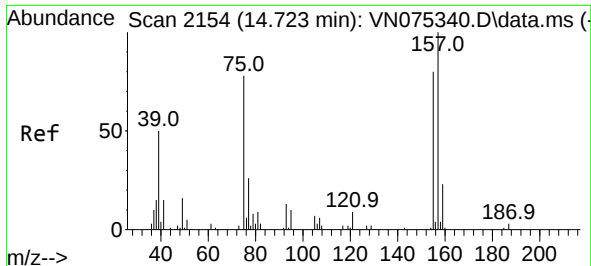
Tgt Ion: 91 Resp: 31861
Ion Ratio Lower Upper
91 100
92 61.7 26.5 79.4
134 0.0 13.0 39.0#



#90
Hexachloroethane
Concen: 8.538 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075585.D
Acq: 06 Dec 2022 15:26

Tgt Ion: 117 Resp: 15310
Ion Ratio Lower Upper
117 100
201 0.0 31.5 94.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 54.026 ug/l

RT: 14.753 min Scan# 2154

Delta R.T. 0.030 min

Lab File: VN075585.D

Acq: 06 Dec 2022 15:26

Instrument :

MSVOA_N

ClientSampleId :

LIN-VRG-12-02

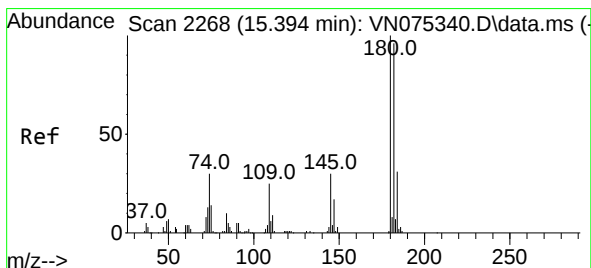
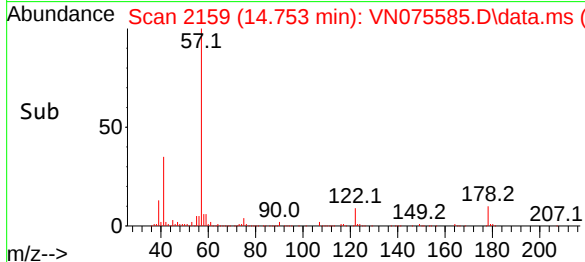
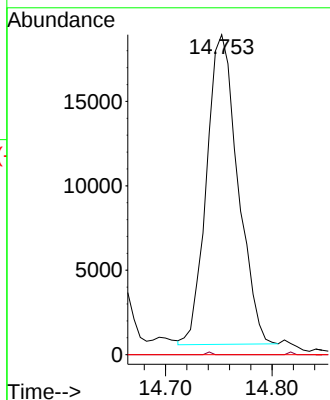
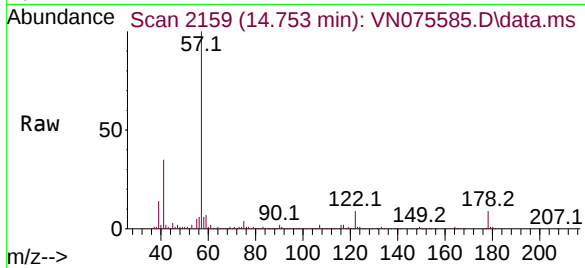
Tgt Ion: 75 Resp: 37502

Ion Ratio Lower Upper

75 100

155 0.1 42.1 126.3#

157 0.0 51.7 155.1#



#93

1,2,4-Trichlorobenzene

Concen: 0.396 ug/l

RT: 15.388 min Scan# 2267

Delta R.T. -0.006 min

Lab File: VN075585.D

Acq: 06 Dec 2022 15:26

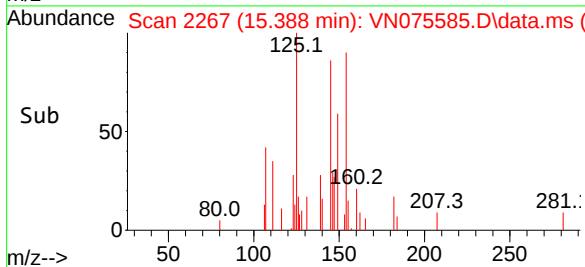
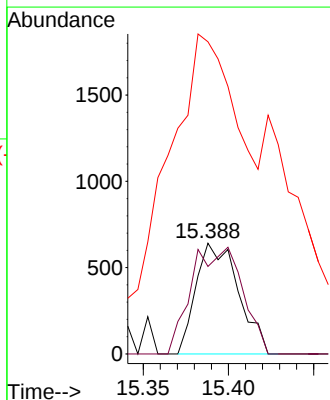
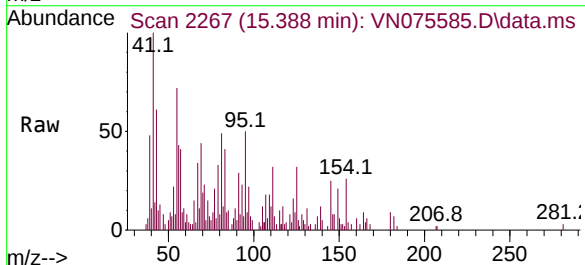
Tgt Ion: 180 Resp: 1111

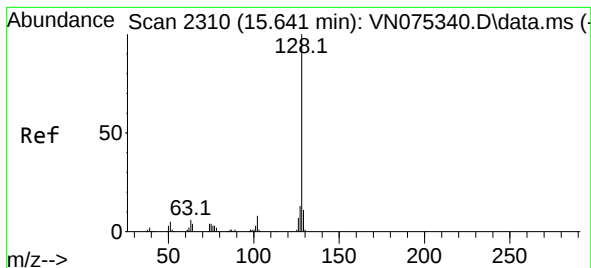
Ion Ratio Lower Upper

180 100

182 116.5 47.8 143.4

145 408.7 16.8 50.3#





#95

Naphthalene

Concen: 30.060 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075585.D

Acq: 06 Dec 2022 15:26

Instrument :

MSVOA_N

ClientSampleId :

LIN-VRG-12-02

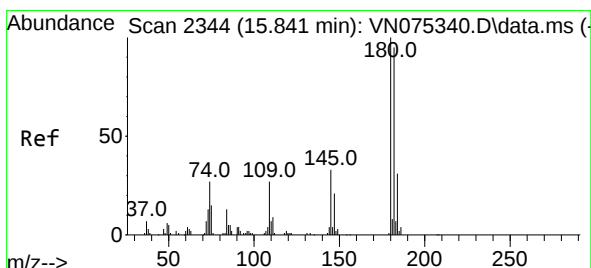
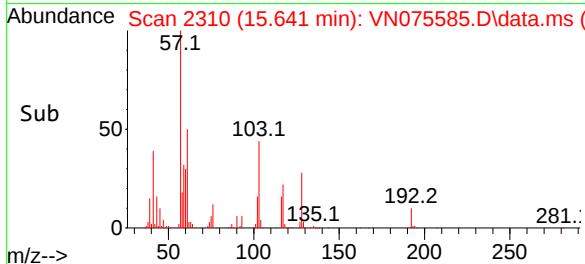
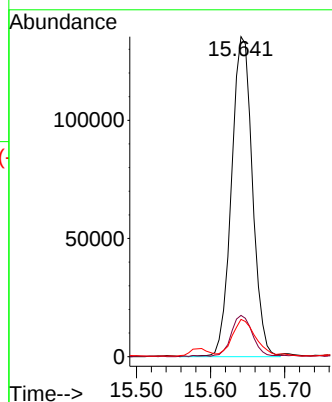
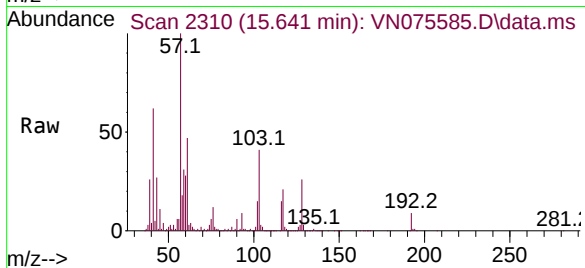
Tgt Ion:128 Resp: 265586

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 13.3 8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 0.844 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN075585.D

Acq: 06 Dec 2022 15:26

Tgt Ion:180 Resp: 2329

Ion Ratio Lower Upper

180 100

182 618.6 47.3 141.8#

145 84.7 17.6 52.9#

