

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040357.D
 Acq On : 13 Apr 2023 12:01
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Quant Time: Apr 14 05:49:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1034981	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2622063	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2350153	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1994715	10.264	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	125789	0.674	ppbv	99
3) Chlorodifluoromethane	2.661	51	73209	0.541	ppbv	97
4) Chloromethane	2.803	50	43103	0.505	ppbv	93
5) Vinyl Chloride	2.912	62	37498	0.532	ppbv	97
6) Bromomethane	3.108	94	11555	0.497	ppbv	88
7) Chloroethane	3.185	64	13998	0.524	ppbv	98
8) Dichlorotetrafluoroethane	2.845	85	98782	0.542	ppbv	95
9) Propene	2.684	41	27610	0.517	ppbv	96
10) Heptane	7.584	43	50345	0.415	ppbv	88
11) Trichlorofluoromethane	3.552	101	101105	0.535	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.057	101	68212	0.516	ppbv	95
13) Ethanol	3.243	45	1668	0.374	ppbv #	37
14) Bromoethene	3.359	108	26393	0.489	ppbv #	95
15) Acetone	3.472	43	85871	0.586	ppbv	98
16) 1,3-Butadiene	2.976	39	27144	0.447	ppbv	83
17) tert-Butyl alcohol	3.883	59	65622	0.487	ppbv	97
18) 1,1-Dichloroethene	3.870	96	29155	0.489	ppbv	92
19) Isopropyl Alcohol	3.584	45	35030	0.524	ppbv #	89
20) Methylene Chloride	3.925	84	33304	0.569	ppbv	96
21) Allyl Chloride	3.989	41	42280	0.508	ppbv	92
22) trans-1,2-Dichloroethene	4.439	96	16632	0.279	ppbv	86
23) Vinyl Acetate	4.619	43	5724	0.153	ppbv #	35
24) 1,1-Dichloroethane	4.558	63	63361	0.510	ppbv	99
25) Ethyl Acetate	5.208	43	117136	0.475	ppbv	98
26) Hexane	5.208	57	50109	0.482	ppbv	89
27) Carbon Disulfide	4.121	76	61431	0.456	ppbv #	89
28) Methyl tert-Butyl Ether	4.590	73	53116	0.495	ppbv	99
29) Chloroform	5.269	83	94056	0.508	ppbv	95
30) Cyclohexane	6.603	84	8291	0.103	ppbv #	1
31) cis-1,2-Dichloroethene	5.079	61	47748	0.463	ppbv	97
32) 1,1,1-Trichloroethane	5.999	97	89866	0.499	ppbv	97
34) 2-Butanone	4.793	43	67720	0.479	ppbv	95
35) Carbon Tetrachloride	6.494	117	62870	0.341	ppbv	90
36) Benzene	6.369	78	98010	0.458	ppbv	96
37) 1,2-Dichloroethane	5.799	62	36619	0.261	ppbv #	83
38) Trichloroethene	7.288	130	27977	0.230	ppbv	96
39) 1,2-Dichloropropane	7.079	63	12425	0.148	ppbv	91
40) 1,4-Dioxane	7.307	88	2346	0.073	ppbv #	1
41) Tetrahydrofuran	5.578	42	34349	0.444	ppbv	94
42) Bromodichloromethane	7.253	83	85750	0.447	ppbv #	96
43) Methyl Methacrylate	7.481	69	30378	0.382	ppbv	95
44) 2,2,4-Trimethylpentane	7.330	57	165002	0.462	ppbv	93
45) t-1,3-Dichloropropene	8.709	75	10054	0.142	ppbv	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
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 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

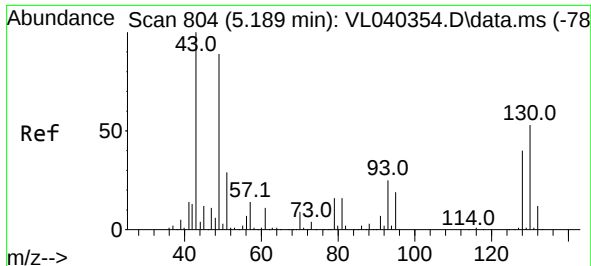
Quant Time: Apr 14 05:49:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	37526	0.380	ppbv	93
47) 1,1,2-Trichloroethane	8.899	97	43462	0.471	ppbv	97
48) Dibromochloromethane	9.709	129	28498	0.192	ppbv #	10
49) Bromoform	12.407	173	20419	0.176	ppbv #	27
50) 4-Methyl-2-Pentanone	8.195	43	32517	0.152	ppbv #	39
51) 2-Hexanone	9.577	43	30436	0.192	ppbv #	30
52) Tetrachloroethene	10.622	164	32726	0.489	ppbv	89
53) Toluene	9.227	91	89256	0.394	ppbv	100
54) 1,2-Dibromoethane	10.005	107	14688	0.157	ppbv	91
56) 1,1,1,2-Tetrachloroethane	11.510	131	54215	0.505	ppbv #	63
57) Chlorobenzene	11.536	112	41120	0.223	ppbv	98
58) Ethyl Benzene	12.098	91	115268	0.399	ppbv	99
59) m/p-Xylene	12.381	91	8752	0.033	ppbv #	1
60) o-Xylene	13.066	91	111745	0.438	ppbv	97
61) Styrene	12.905	104	13896	0.109	ppbv #	1
62) Isopropylbenzene	14.043	105	168371	0.458	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.053	83	22218	0.238	ppbv #	24
64) n-propylbenzene	14.931	120	17832	0.197	ppbv #	1
65) tert-Butylbenzene	16.104	119	143014	0.442	ppbv	92
66) Benzyl Chloride	16.342	91	1527	0.076	ppbv #	1
67) sec-Butylbenzene	16.651	105	209854	0.452	ppbv	99
69) p-Isopropyltoluene	17.005	119	152464	0.420	ppbv	95
70) n-Butylbenzene	17.905	91	169401	0.421	ppbv	98
71) 2-Chlorotoluene	14.812	91	123968	0.439	ppbv	97
72) 4-Ethyltoluene	15.204	105	112923	0.401	ppbv #	92
73) 1,3,5-Trimethylbenzene	15.362	105	112496	0.432	ppbv	95
74) 1,2,4-Trimethylbenzene	16.121	105	134261	0.451	ppbv	91
75) 1,3-Dichlorobenzene	16.346	146	34267	0.210	ppbv #	1
76) 1,4-Dichlorobenzene	16.487	146	42244	0.262	ppbv #	35
77) 1,2-Dichlorobenzene	17.159	146	73984	0.459	ppbv	92
78) Hexachloro-1,3-Butadiene	22.638	225	25694	0.199	ppbv #	1
79) Naphthalene	21.410	128	51662	0.257	ppbv #	89
80) Naphthalene,2-methyl-	24.390	142	10619	0.178	ppbv #	80
81) 1,2,4-Trichlorobenzene	21.156	180	27876	0.226	ppbv #	29

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

Quant Time: Apr 14 05:49:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Apr 13 14:37:02 2023
Response via : Initial Calibration

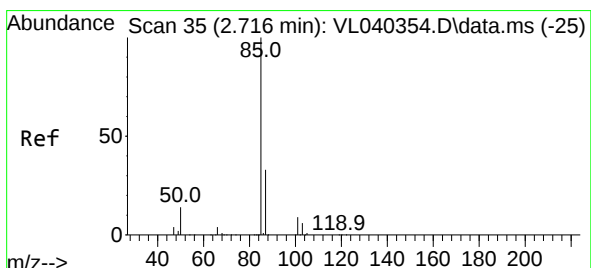
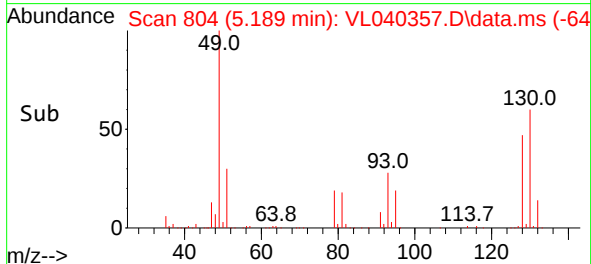
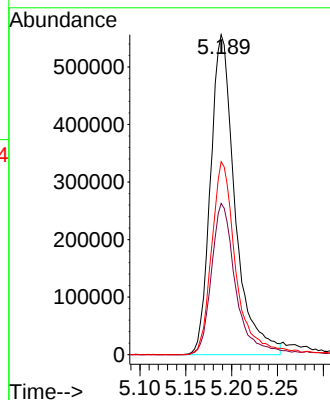
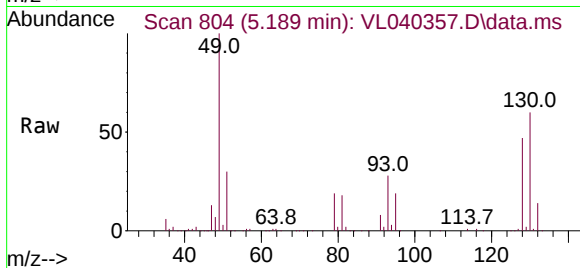




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

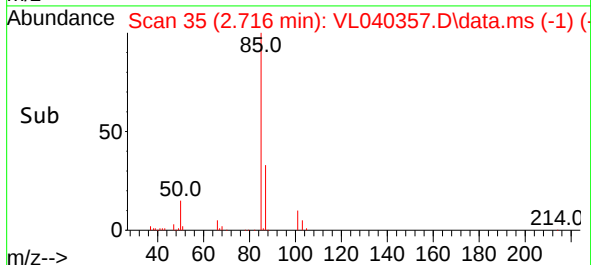
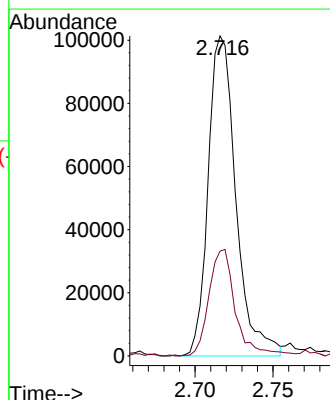
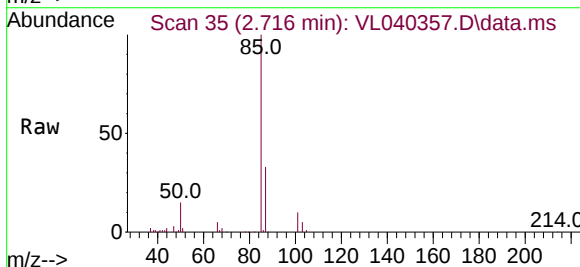
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MSVOA_L
ClientSampleId :
VSTDIC0.5

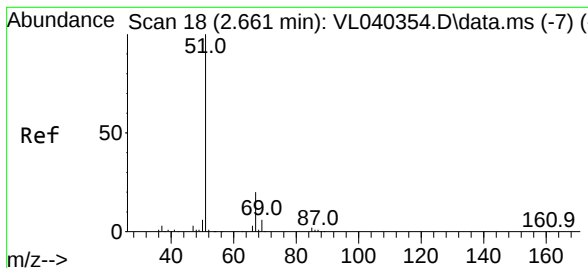
Tgt Ion: 49 Resp: 1034981
Ion Ratio Lower Upper
49 100
128 48.4 23.7 71.1
130 61.6 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 0.674 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.000 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion: 85 Resp: 125789
Ion Ratio Lower Upper
85 100
87 32.7 26.6 40.0





#3

Chlorodifluoromethane

Concen: 0.541 ppbv

RT: 2.661 min Scan# 18

Delta R.T. -0.000 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

Instrument :

MSVOA_L

ClientSampleId :

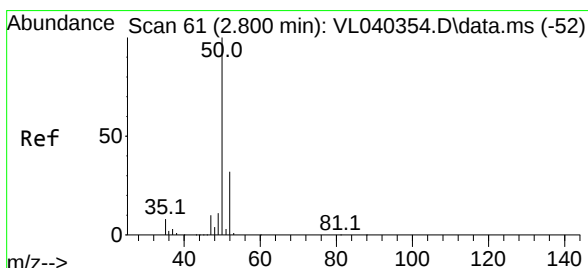
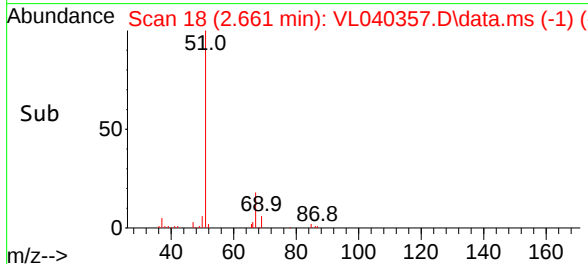
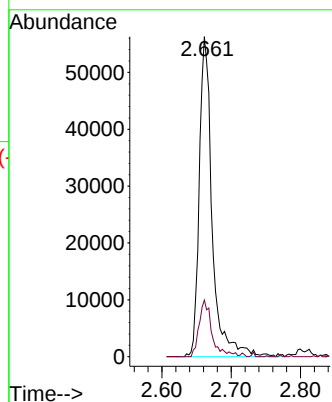
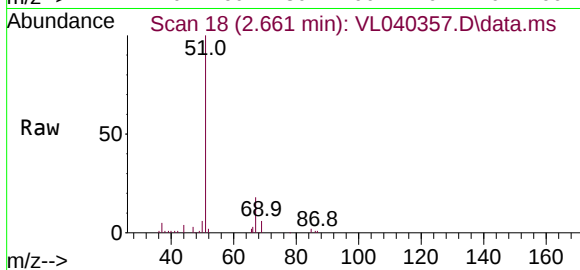
VSTDICC0.5

Tgt Ion: 51 Resp: 73209

Ion Ratio Lower Upper

51 100

67 17.9 15.5 23.3



#4

Chloromethane

Concen: 0.505 ppbv

RT: 2.803 min Scan# 62

Delta R.T. 0.003 min

Lab File: VL040357.D

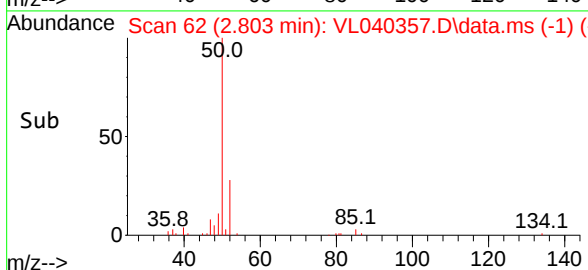
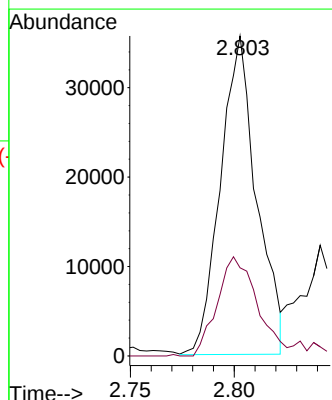
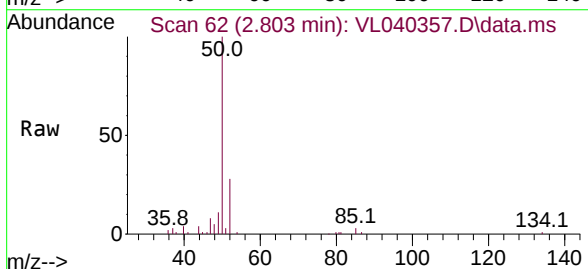
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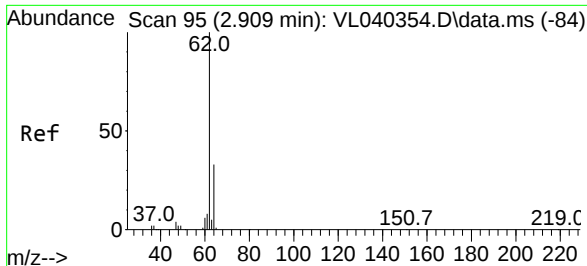
Tgt Ion: 50 Resp: 43103

Ion Ratio Lower Upper

50 100

52 27.7 25.3 37.9

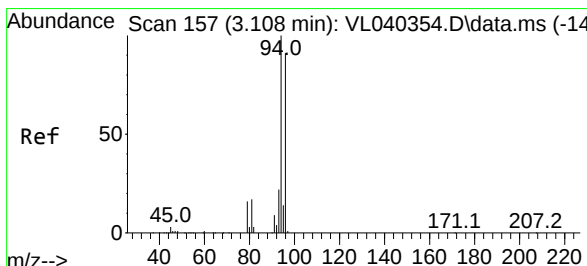
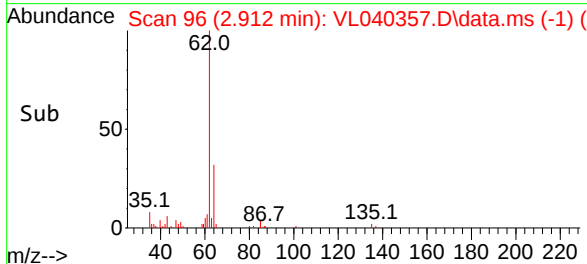
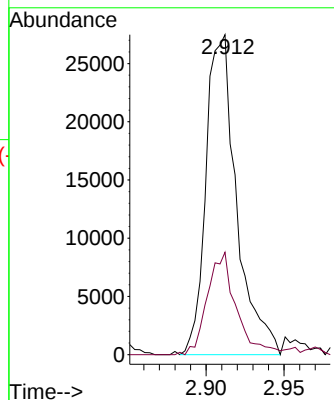
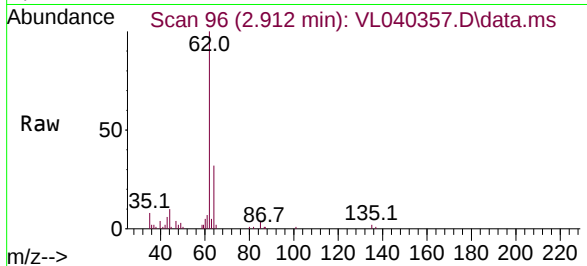




#5
 Vinyl Chloride
 Concen: 0.532 ppbv
 RT: 2.912 min Scan# 96
 Delta R.T. 0.003 min
 Lab File: VL040357.D
 Acq: 13 Apr 2023 12:01

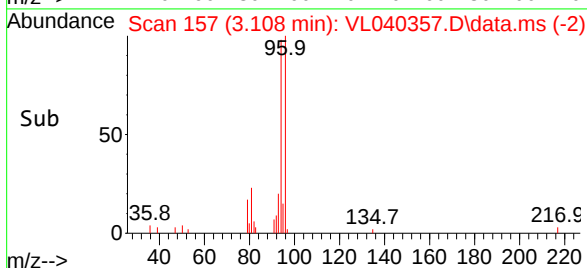
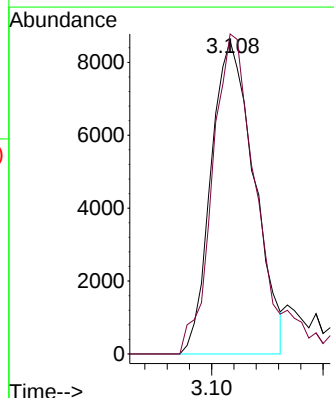
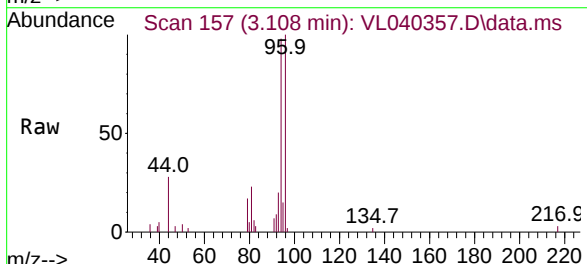
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

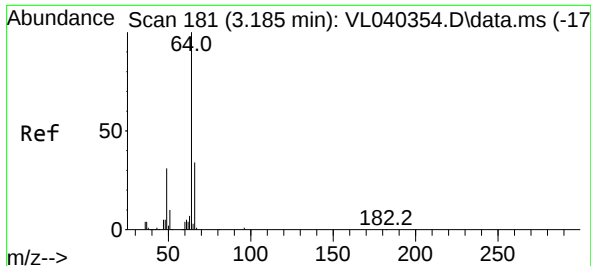
Tgt Ion: 62 Resp: 37498
 Ion Ratio Lower Upper
 62 100
 64 31.2 26.3 39.5



#6
 Bromomethane
 Concen: 0.497 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.000 min
 Lab File: VL040357.D
 Acq: 13 Apr 2023 12:01

Tgt Ion: 94 Resp: 11555
 Ion Ratio Lower Upper
 94 100
 96 102.2 72.6 108.8

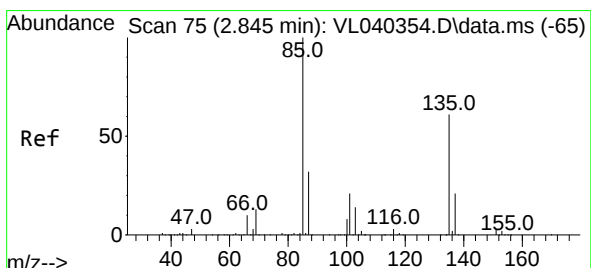
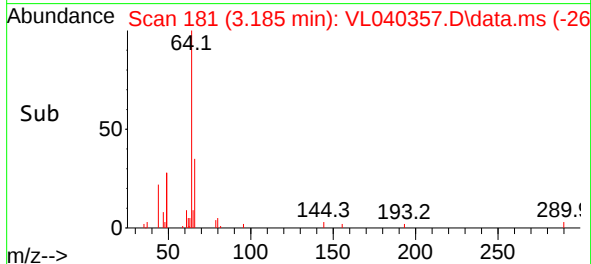
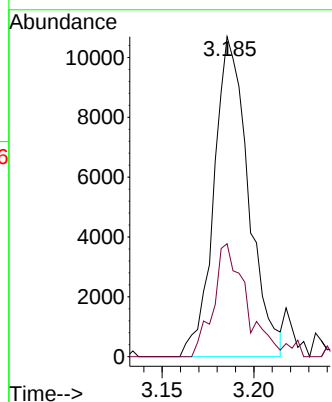
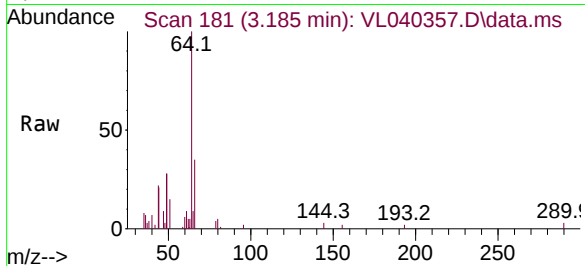




#7
Chloroethane
Concen: 0.524 ppbv
RT: 3.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

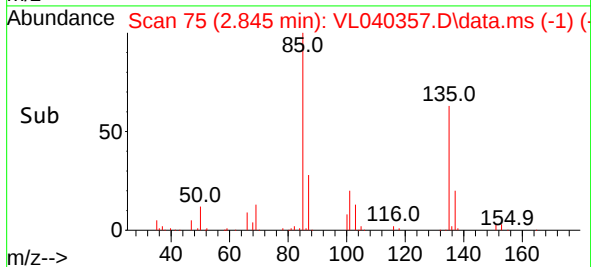
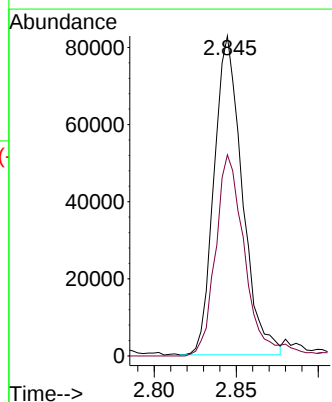
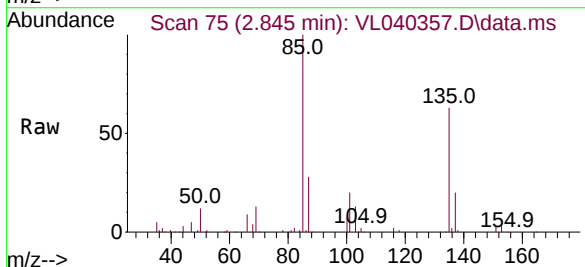
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MSVOA_L
ClientSampleId :
VSTDIC0.5

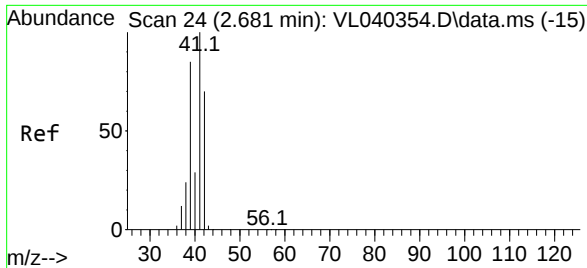
Tgt Ion: 64 Resp: 13998
Ion Ratio Lower Upper
64 100
66 35.3 27.5 41.3



#8
Dichlorotetrafluoroethane
Concen: 0.542 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.000 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion: 85 Resp: 98782
Ion Ratio Lower Upper
85 100
135 67.3 50.7 76.1





#9

Propene

Concen: 0.517 ppbv

RT: 2.684 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

Instrument :

MSVOA_L

ClientSampleId :

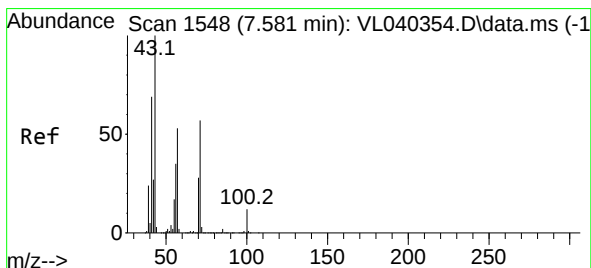
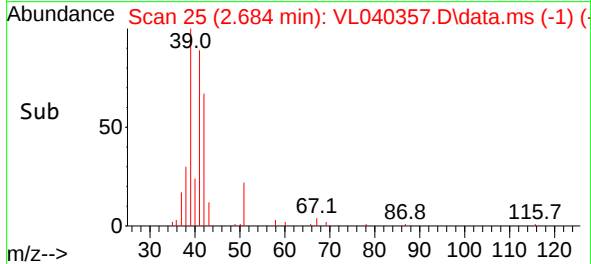
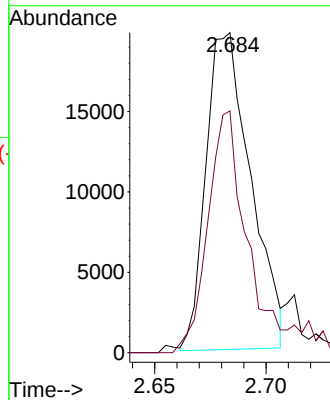
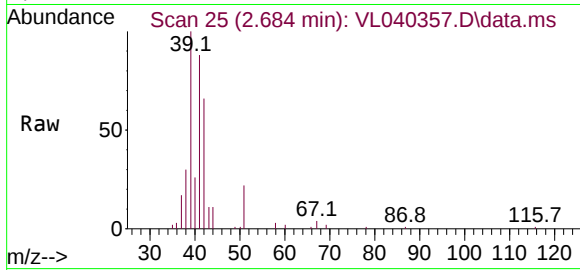
VSTDIC0.5

Tgt Ion: 41 Resp: 27610

Ion Ratio Lower Upper

41 100

42 73.6 56.5 84.7



#10

Heptane

Concen: 0.415 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. 0.003 min

Lab File: VL040357.D

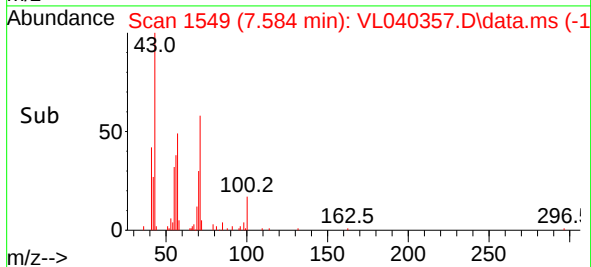
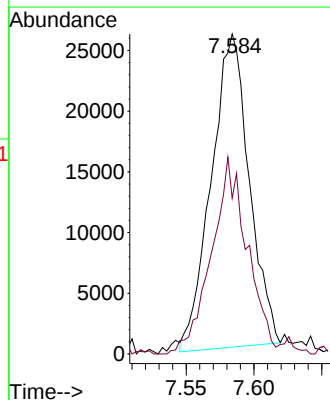
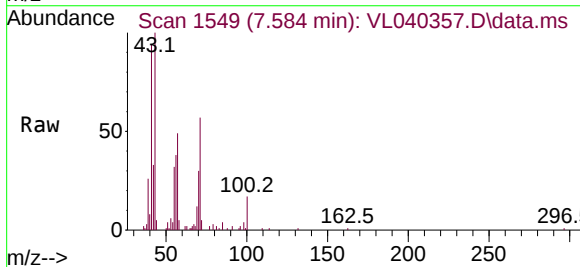
Acq: 13 Apr 2023 12:01

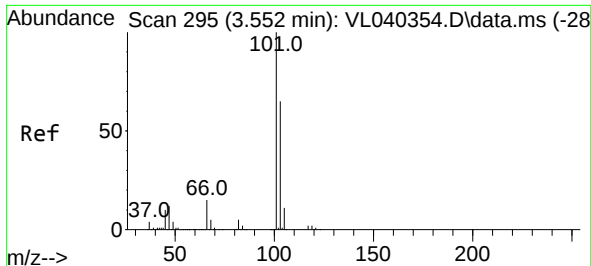
Tgt Ion: 43 Resp: 50345

Ion Ratio Lower Upper

43 100

57 61.5 42.2 63.4

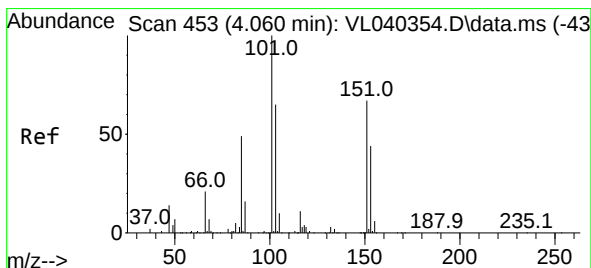
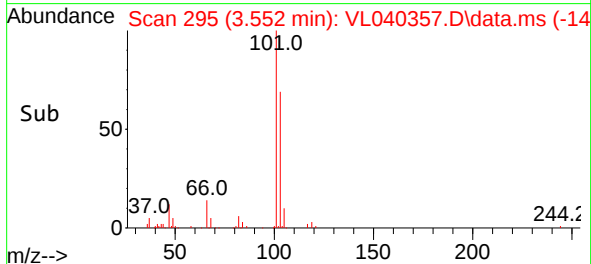
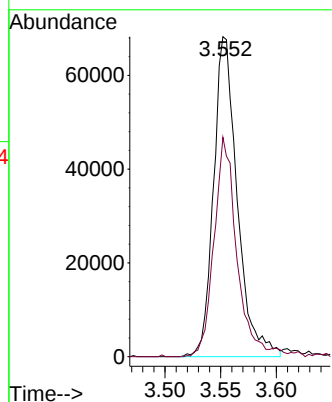
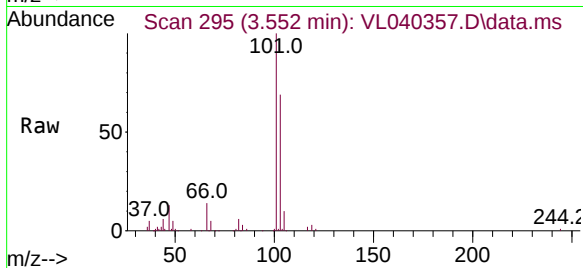




#11
 Trichlorofluoromethane
 Concen: 0.535 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. -0.000 min
 Lab File: VL040357.D
 Acq: 13 Apr 2023 12:01

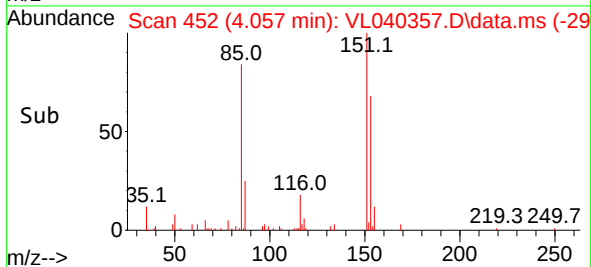
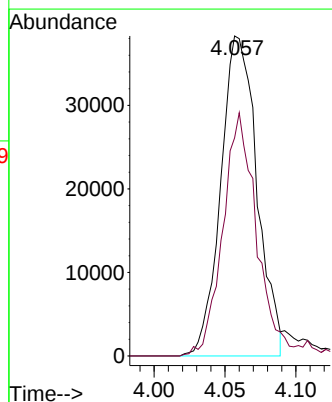
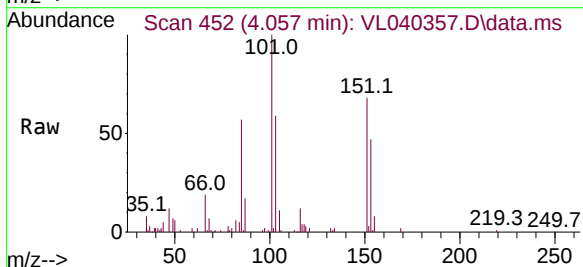
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

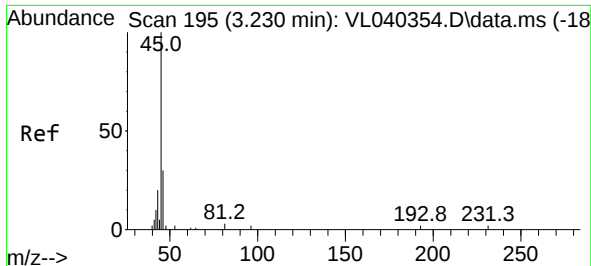
Tgt Ion:101 Resp: 101105
 Ion Ratio Lower Upper
 101 100
 103 68.6 52.2 78.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.516 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.003 min
 Lab File: VL040357.D
 Acq: 13 Apr 2023 12:01

Tgt Ion:101 Resp: 68212
 Ion Ratio Lower Upper
 101 100
 151 72.7 54.7 82.1

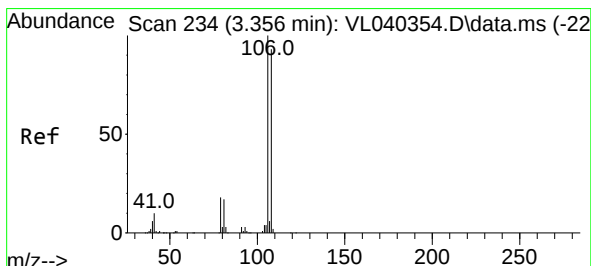
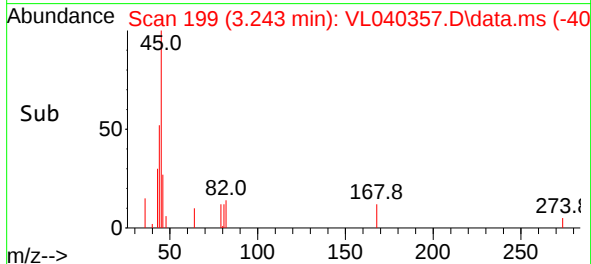
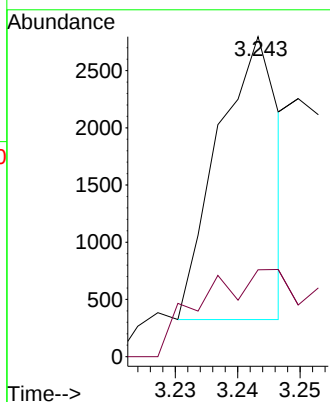
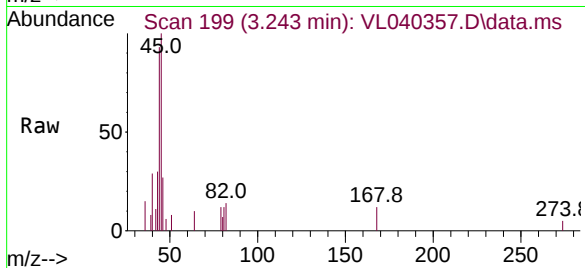




#13
 Ethanol
 Concen: 0.374 ppbv
 RT: 3.243 min Scan# 195
 Delta R.T. 0.013 min
 Lab File: VL040357.D
 Acq: 13 Apr 2023 12:01

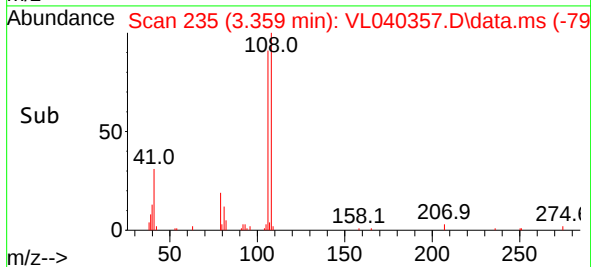
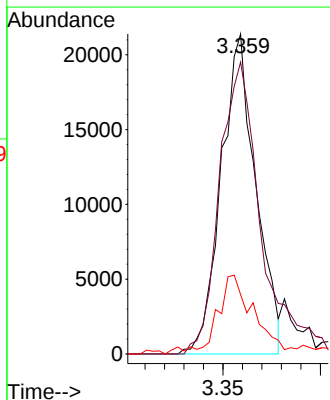
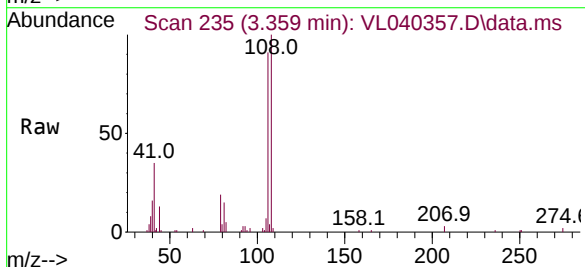
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

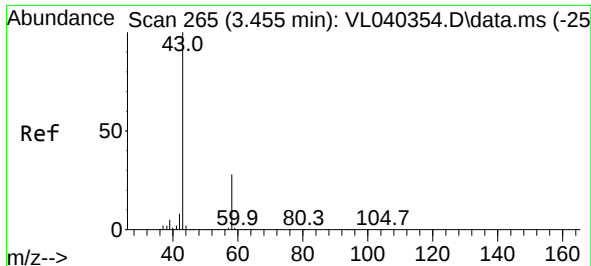
Tgt Ion: 45 Resp: 1668
 Ion Ratio Lower Upper
 45 100
 46 0.0 15.3 61.3#



#14
 Bromoethene
 Concen: 0.489 ppbv
 RT: 3.359 min Scan# 235
 Delta R.T. 0.003 min
 Lab File: VL040357.D
 Acq: 13 Apr 2023 12:01

Tgt Ion: 108 Resp: 26393
 Ion Ratio Lower Upper
 108 100
 106 113.8 88.3 132.5
 79 28.3 16.1 24.1#

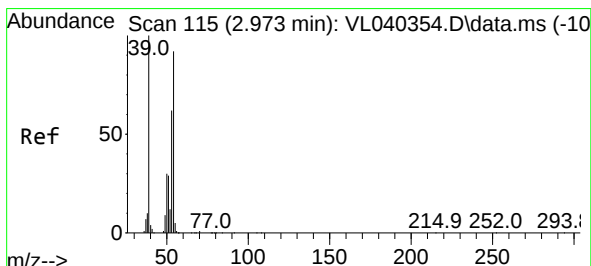
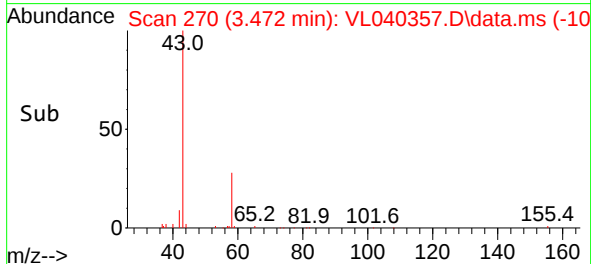
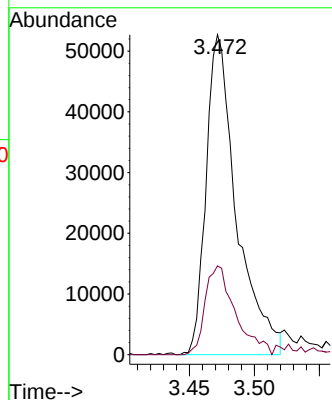
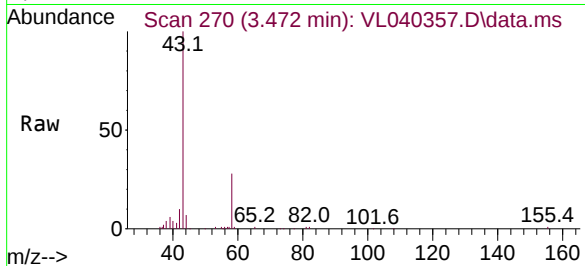




#15
Acetone
Concen: 0.586 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

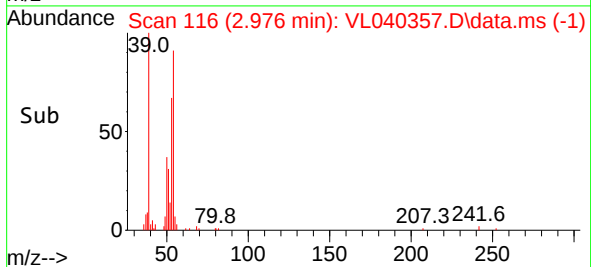
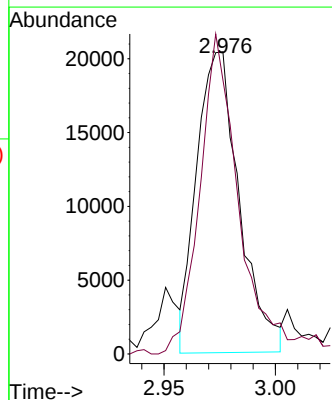
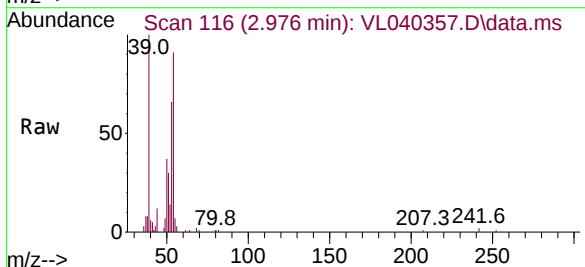
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

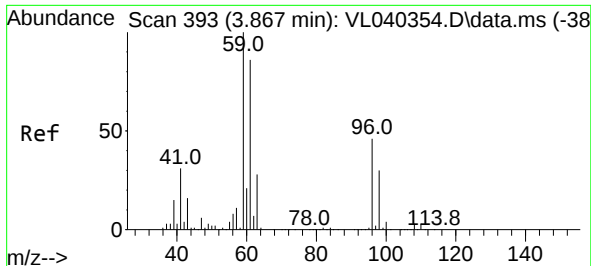
Tgt Ion: 43 Resp: 85871
Ion Ratio Lower Upper
43 100
58 29.0 22.2 33.2



#16
1,3-Butadiene
Concen: 0.447 ppbv
RT: 2.976 min Scan# 116
Delta R.T. 0.003 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion: 39 Resp: 27144
Ion Ratio Lower Upper
39 100
54 101.2 68.8 103.2





#17

tert-Butyl alcohol

Concen: 0.487 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.016 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

Instrument :

MSVOA_L

ClientSampleId :

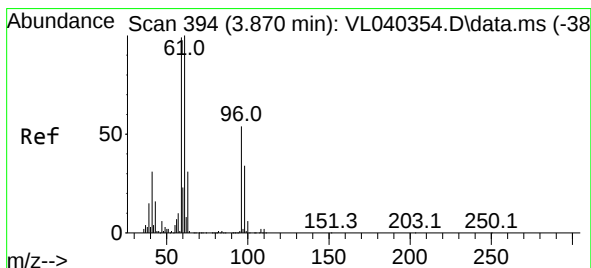
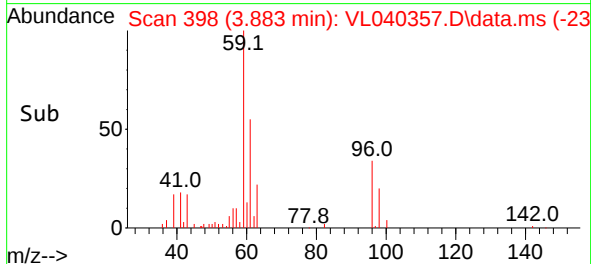
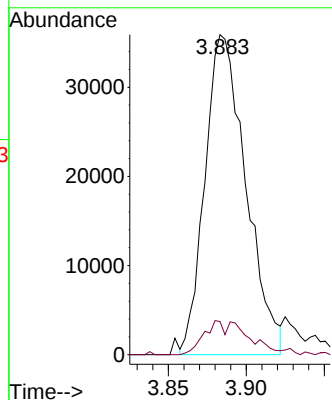
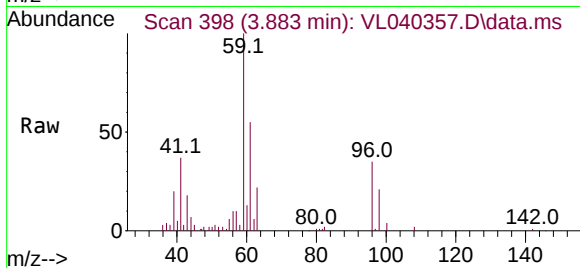
VSTDIC0.5

Tgt Ion: 59 Resp: 65622

Ion Ratio Lower Upper

59 100

57 11.8 8.5 12.7



#18

1,1-Dichloroethene

Concen: 0.489 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.000 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

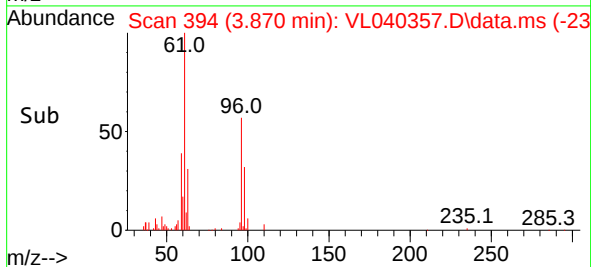
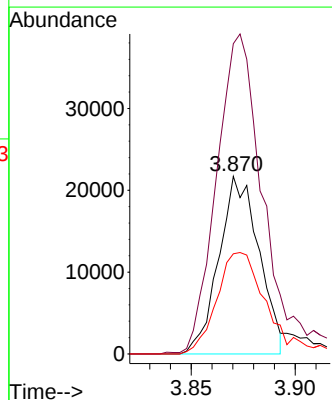
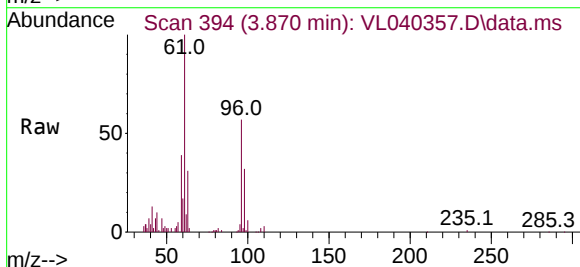
Tgt Ion: 96 Resp: 29155

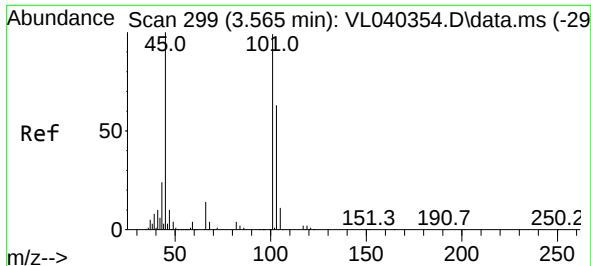
Ion Ratio Lower Upper

96 100

61 173.8 148.3 222.5

98 56.4 49.8 74.8





#19

Isopropyl Alcohol

Concen: 0.524 ppbv

RT: 3.584 min Scan# 305

Delta R.T. 0.019 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

Instrument :

MSVOA_1

ClientSampleId :

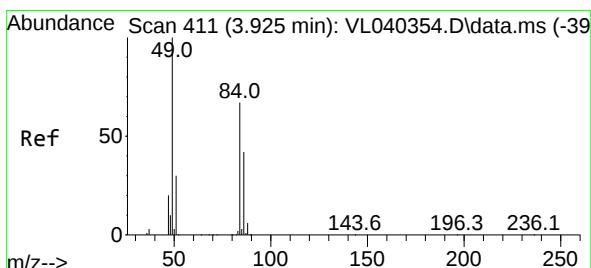
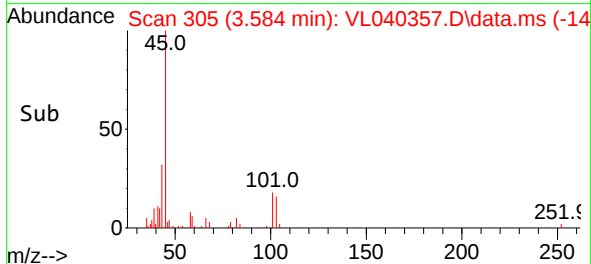
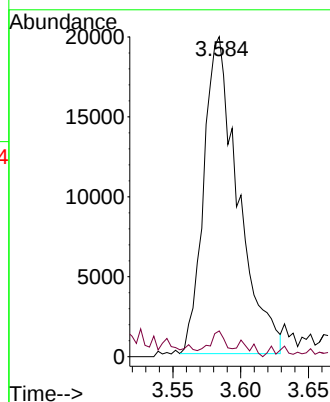
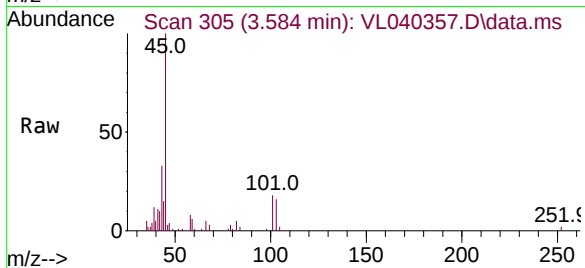
VSTDIC0.5

Tgt Ion: 45 Resp: 35030

Ion Ratio Lower Upper

45 100

58 7.1 2.6 4.0#



#20

Methylene Chloride

Concen: 0.569 ppbv

RT: 3.925 min Scan# 411

Delta R.T. -0.000 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

Tgt Ion: 84 Resp: 33304

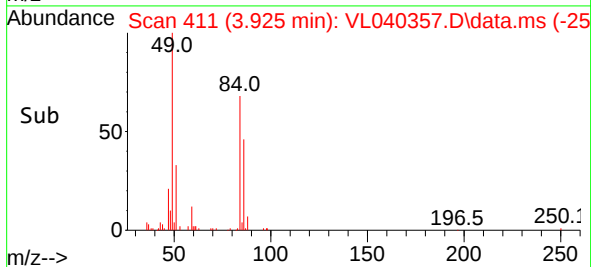
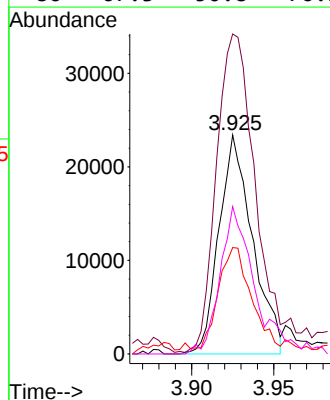
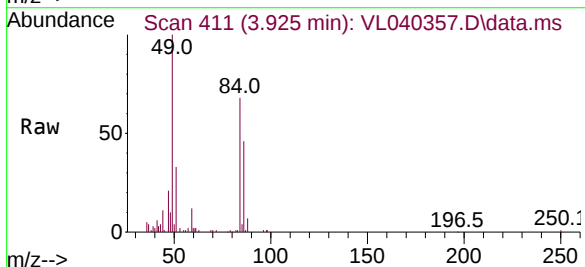
Ion Ratio Lower Upper

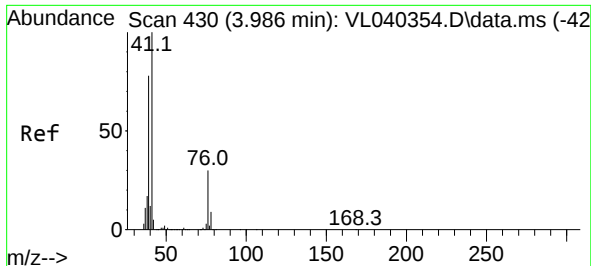
84 100

49 145.0 120.1 180.1

51 46.5 36.3 54.5

86 67.3 50.8 76.2





#21

Allyl Chloride

Concen: 0.508 ppbv

RT: 3.989 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

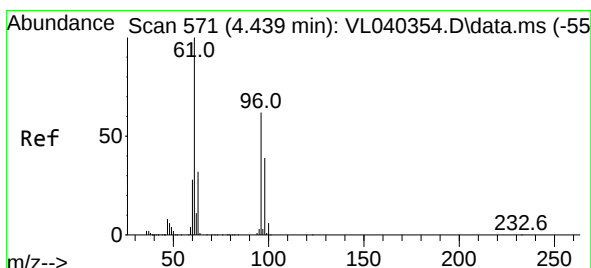
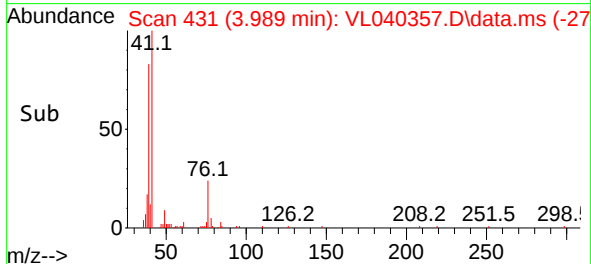
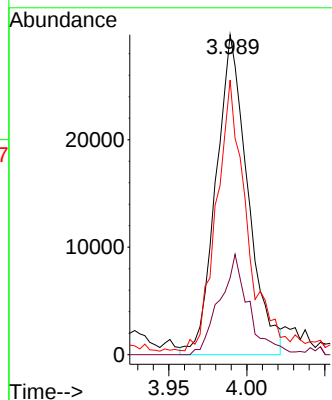
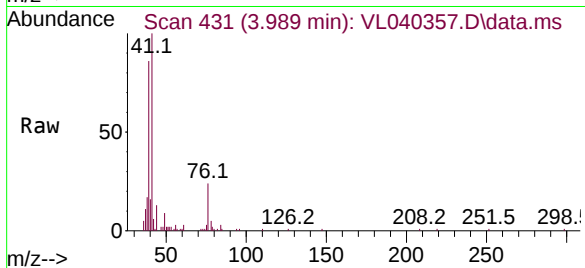
Tgt Ion: 41 Resp: 42280

Ion Ratio Lower Upper

41 100

76 30.0 25.5 38.3

39 88.9 64.0 96.0



#22

trans-1,2-Dichloroethene

Concen: 0.279 ppbv

RT: 4.439 min Scan# 571

Delta R.T. -0.000 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

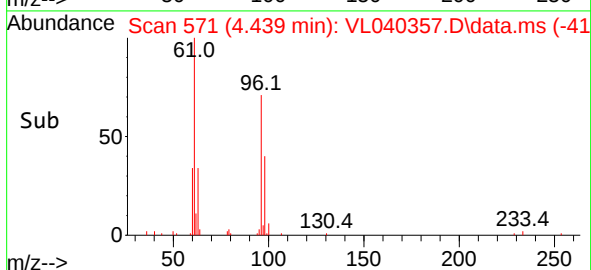
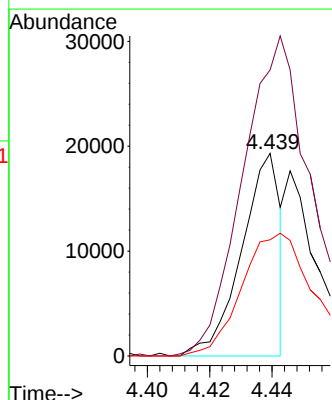
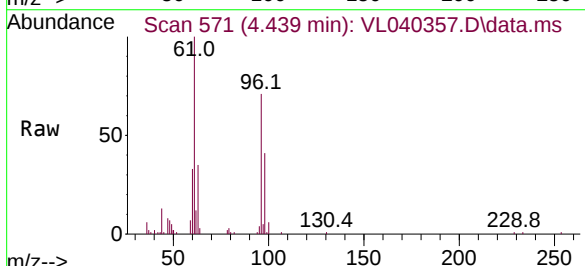
Tgt Ion: 96 Resp: 16632

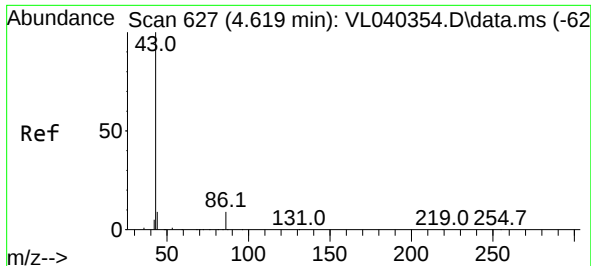
Ion Ratio Lower Upper

96 100

61 140.2 129.4 194.2

98 57.4 51.0 76.4

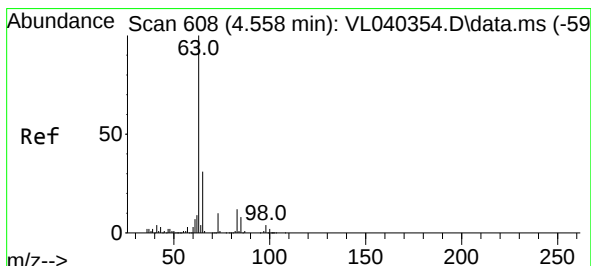
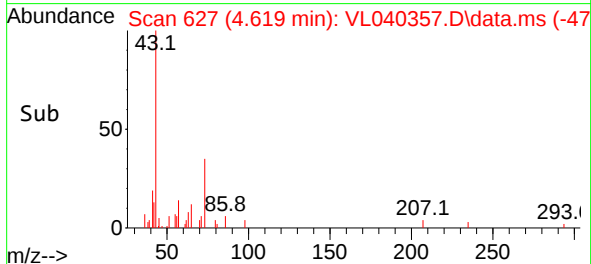
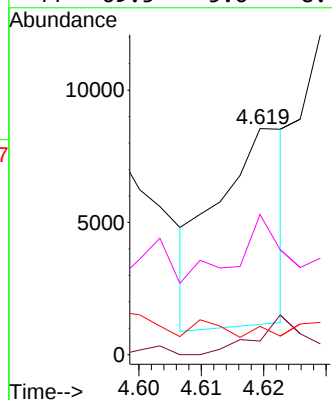
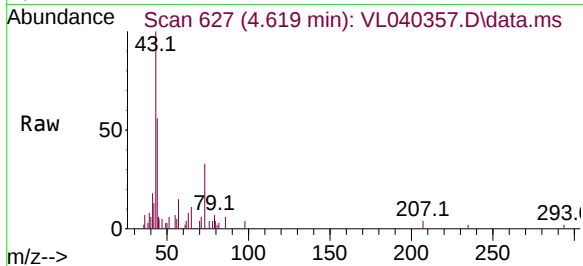




#23
 Vinyl Acetate
 Concen: 0.153 ppbv
 RT: 4.619 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL040357.D
 Acq: 13 Apr 2023 12:01

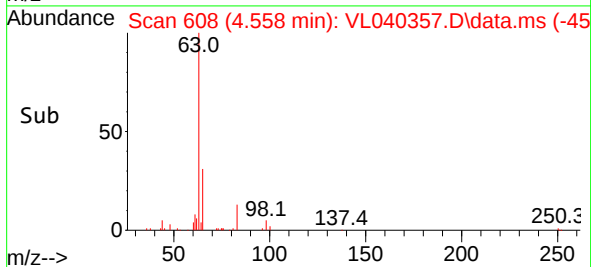
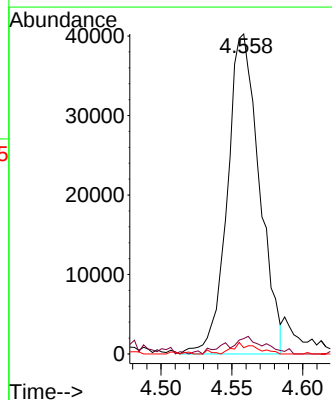
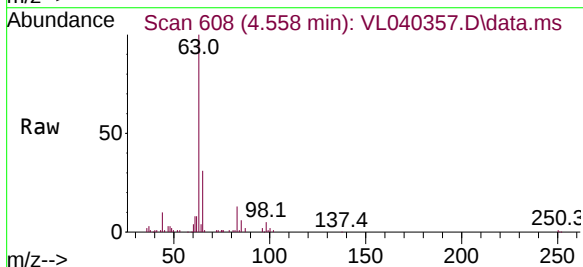
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

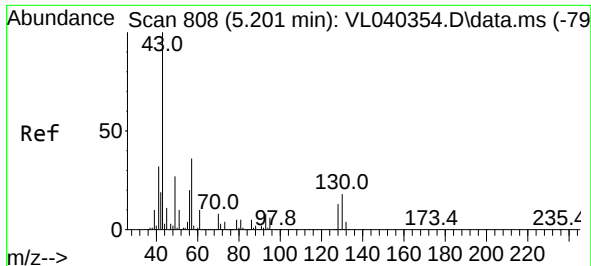
Tgt Ion:	43	Resp:	5724
Ion Ratio	Lower	Upper	
43	100		
86	13.7	6.0	9.0#
42	10.3	6.4	9.6#
44	69.5	5.6	8.4#



#24
 1,1-Dichloroethane
 Concen: 0.510 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.000 min
 Lab File: VL040357.D
 Acq: 13 Apr 2023 12:01

Tgt Ion:	63	Resp:	63361
Ion Ratio	Lower	Upper	
63	100		
98	4.1	2.1	6.2
100	2.0	1.2	3.6



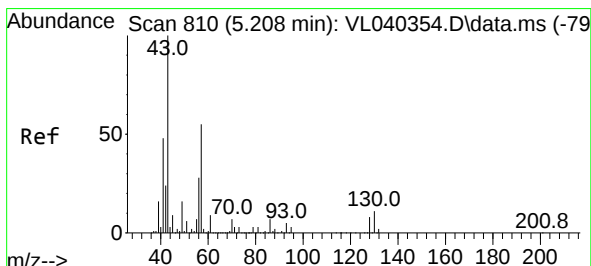
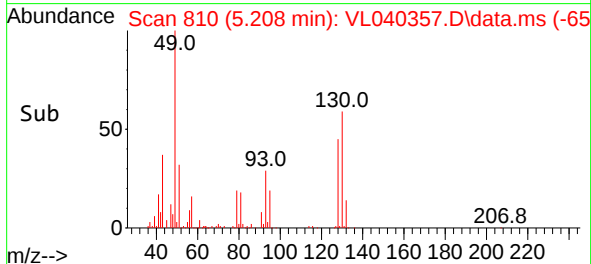
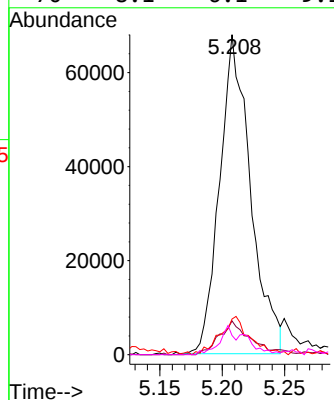
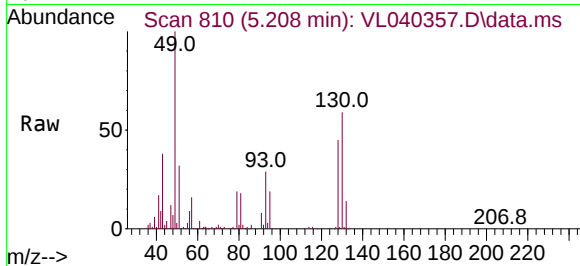


#25
Ethyl Acetate
Concen: 0.475 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.006 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 117136

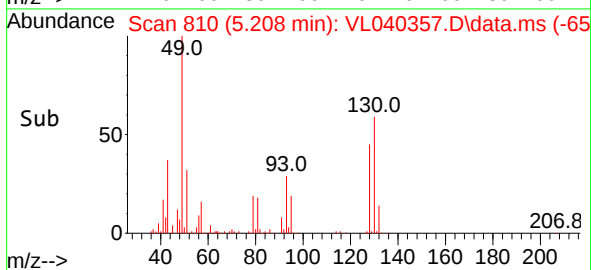
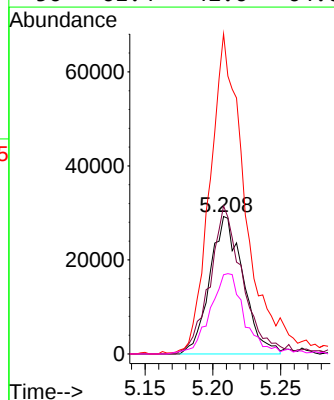
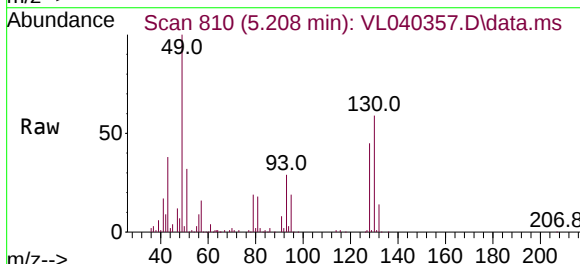
Ion	Ratio	Lower	Upper
43	100		
45	11.3	8.5	12.7
61	11.3	8.5	12.7
70	8.1	6.1	9.1

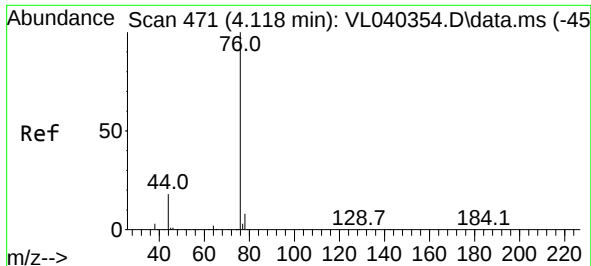


#26
Hexane
Concen: 0.482 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.000 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion: 57 Resp: 50109

Ion	Ratio	Lower	Upper
57	100		
41	108.8	74.8	112.2
43	257.3	192.7	289.1
56	61.4	42.6	64.0





#27

Carbon Disulfide

Concen: 0.456 ppbv

RT: 4.121 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5

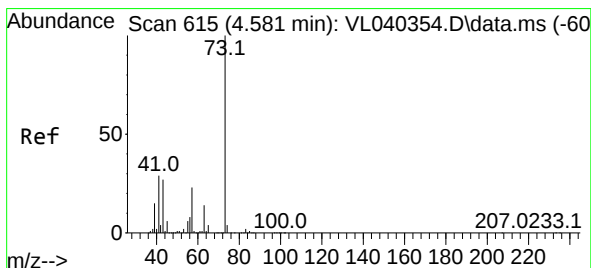
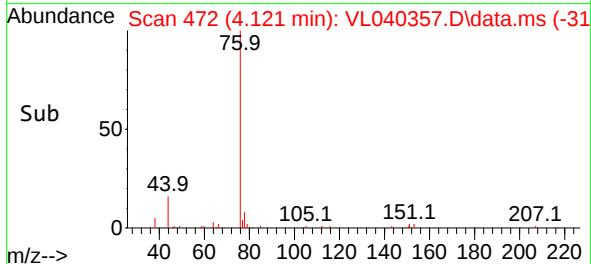
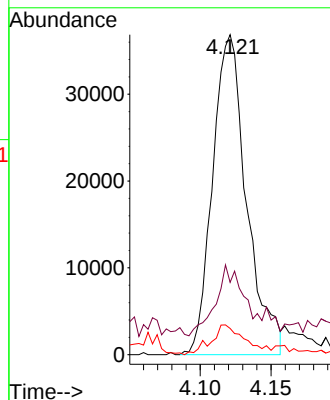
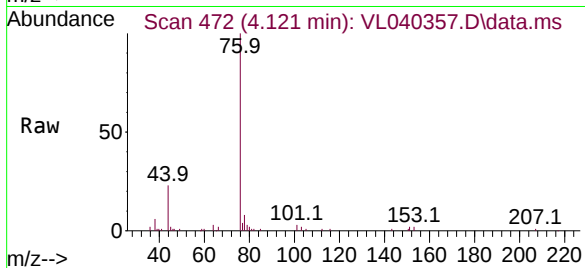
Tgt Ion: 76 Resp: 61431

Ion Ratio Lower Upper

76 100

44 24.4 14.7 22.1#

78 12.1 7.7 11.5#



#28

Methyl tert-Butyl Ether

Concen: 0.495 ppbv

RT: 4.590 min Scan# 618

Delta R.T. 0.010 min

Lab File: VL040357.D

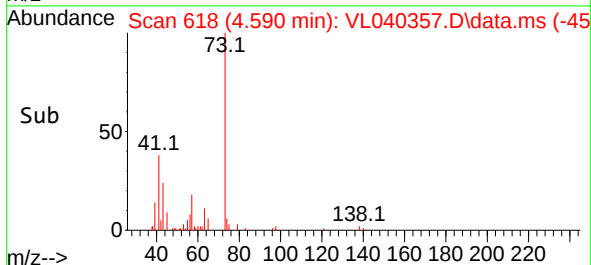
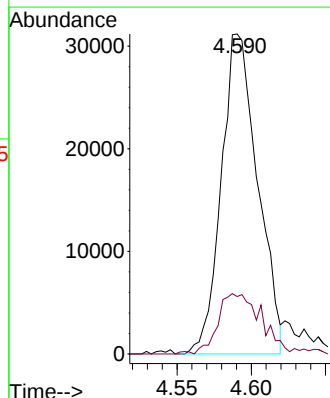
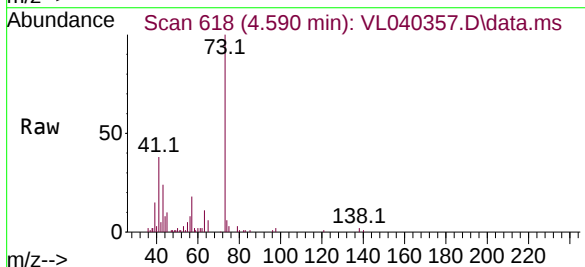
Acq: 13 Apr 2023 12:01

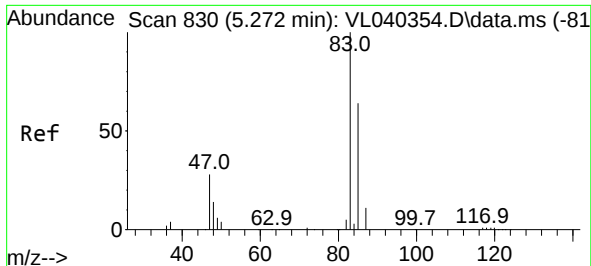
Tgt Ion: 73 Resp: 53116

Ion Ratio Lower Upper

73 100

57 23.8 18.6 27.8





#29

Chloroform

Concen: 0.508 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

Instrument :

MSVOA_L

ClientSampleId :

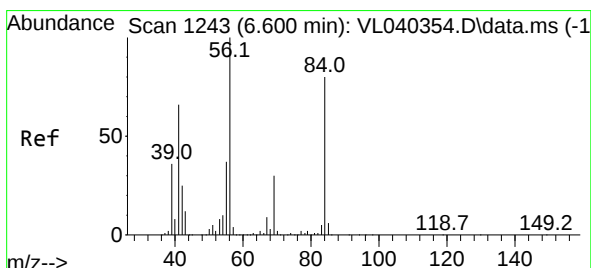
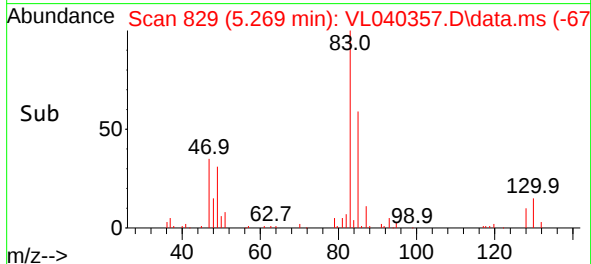
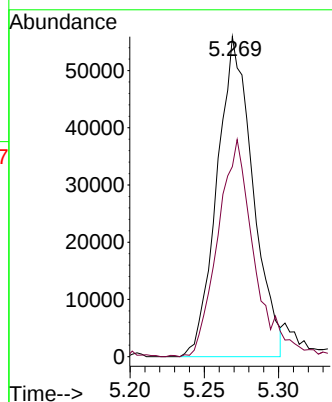
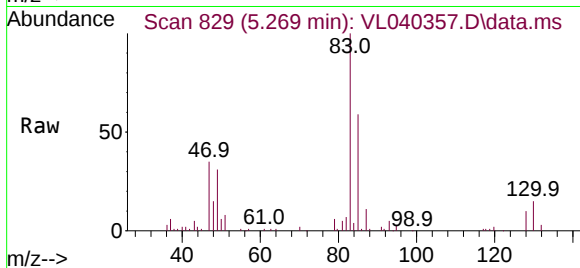
VSTDIC0.5

Tgt Ion: 83 Resp: 94056

Ion Ratio Lower Upper

83 100

85 59.4 51.0 76.4



#30

Cyclohexane

Concen: 0.103 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

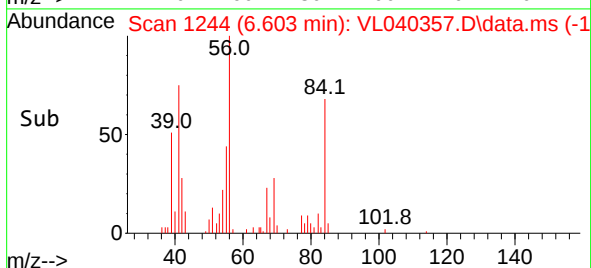
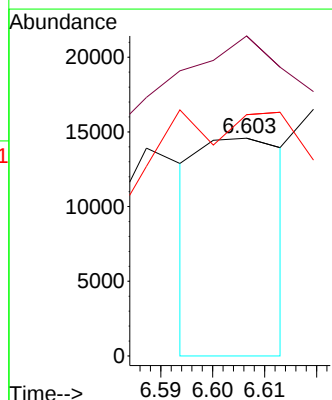
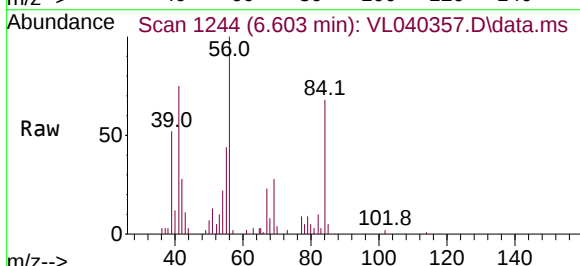
Tgt Ion: 84 Resp: 8291

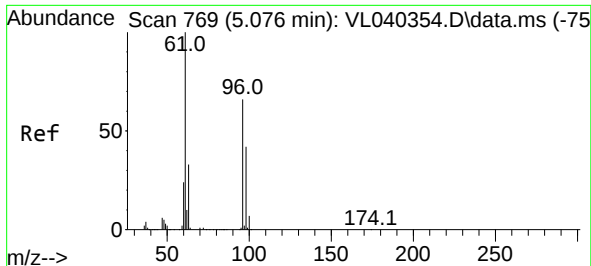
Ion Ratio Lower Upper

84 100

56 523.0 107.0 160.6#

41 0.0 66.7 100.1#





#31

cis-1,2-Dichloroethene

Concen: 0.463 ppbv

RT: 5.079 min Scan# 7

Delta R.T. 0.003 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

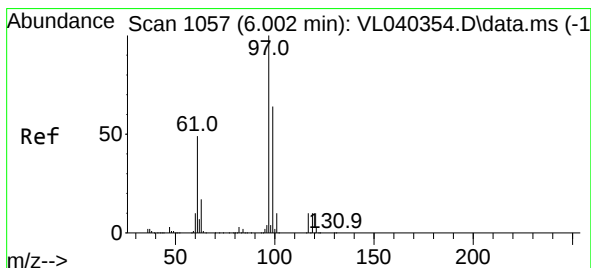
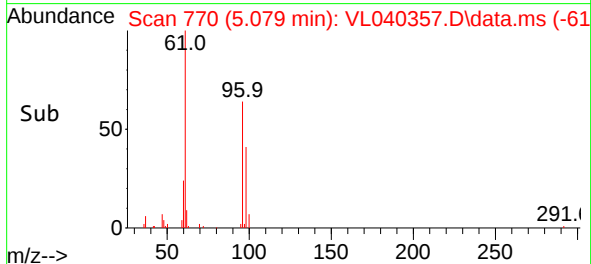
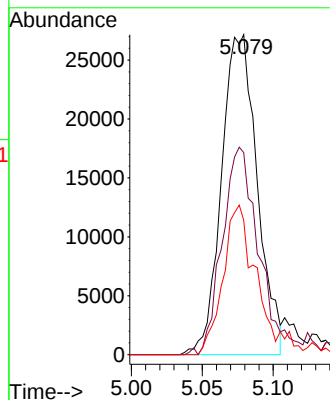
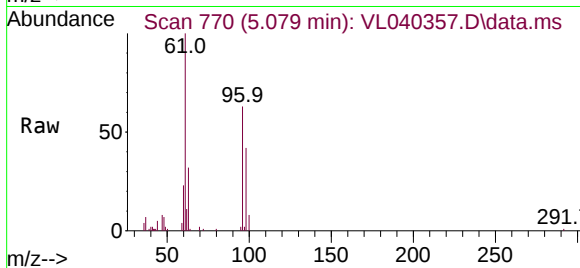
Tgt Ion: 61 Resp: 47748

Ion Ratio Lower Upper

61 100

96 63.2 53.0 79.4

98 42.0 33.8 50.8



#32

1,1,1-Trichloroethane

Concen: 0.499 ppbv

RT: 5.999 min Scan# 1056

Delta R.T. -0.003 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

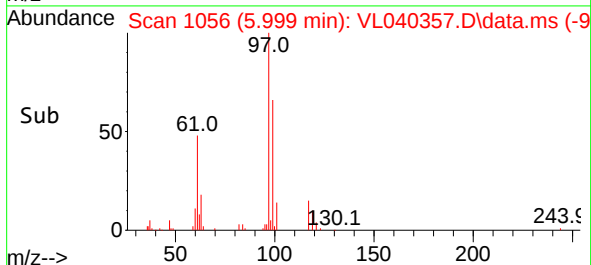
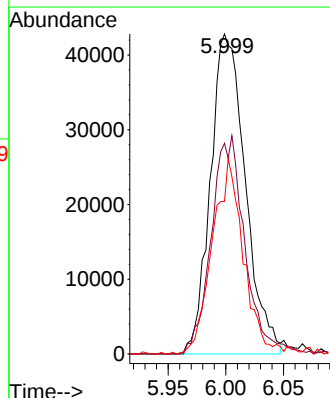
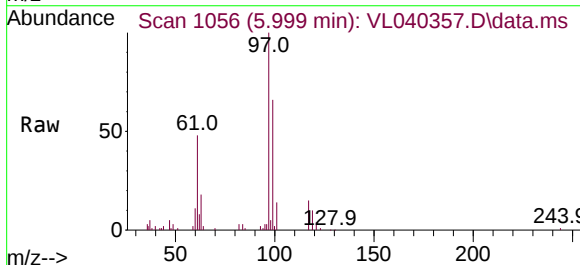
Tgt Ion: 97 Resp: 89866

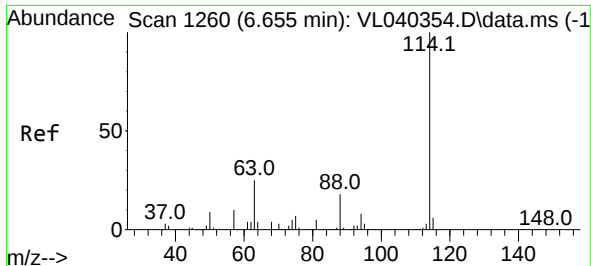
Ion Ratio Lower Upper

97 100

99 65.9 51.8 77.8

61 54.3 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

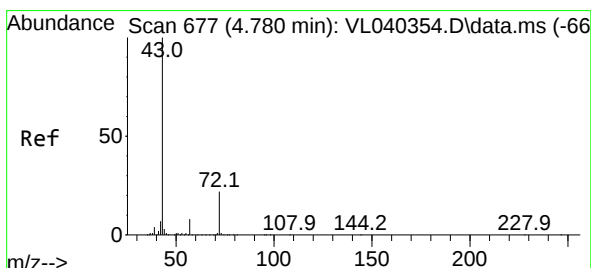
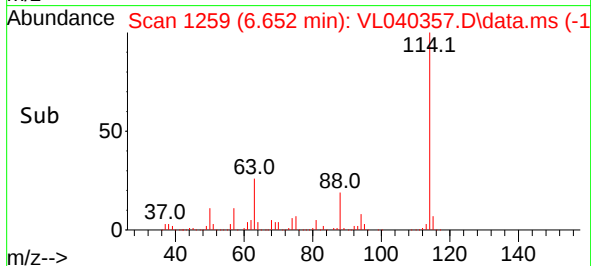
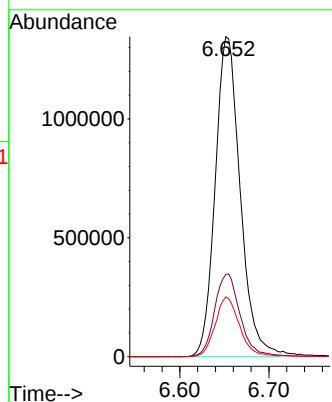
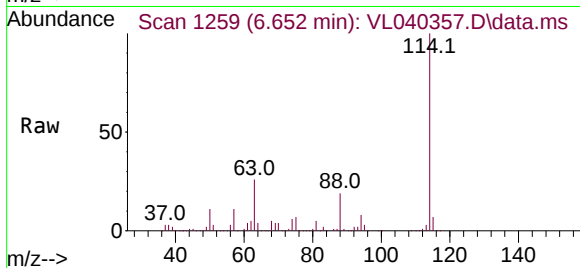
Tgt Ion:114 Resp: 2622063

Ion Ratio Lower Upper

114 100

63 26.7 21.4 32.0

88 18.4 14.6 22.0



#34

2-Butanone

Concen: 0.479 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.013 min

Lab File: VL040357.D

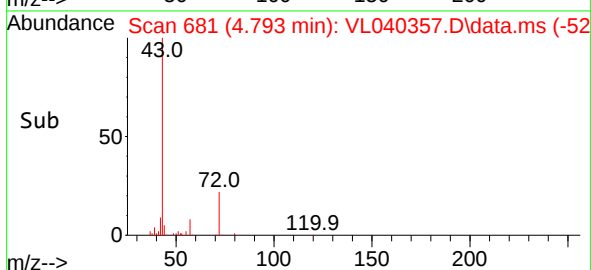
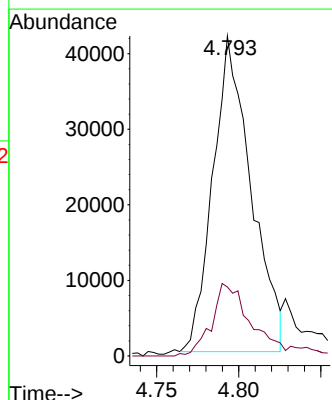
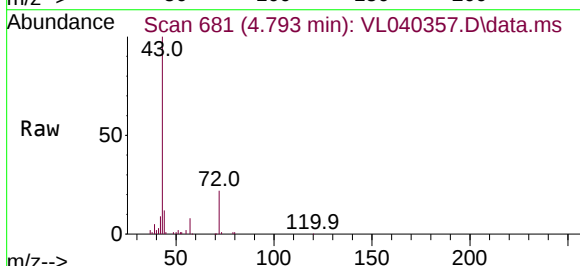
Acq: 13 Apr 2023 12:01

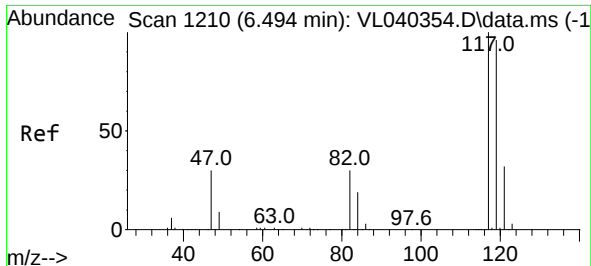
Tgt Ion: 43 Resp: 67720

Ion Ratio Lower Upper

43 100

72 25.6 18.4 27.6

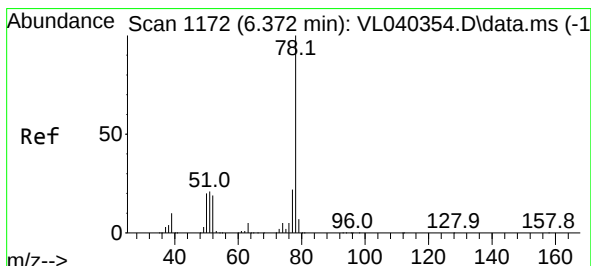
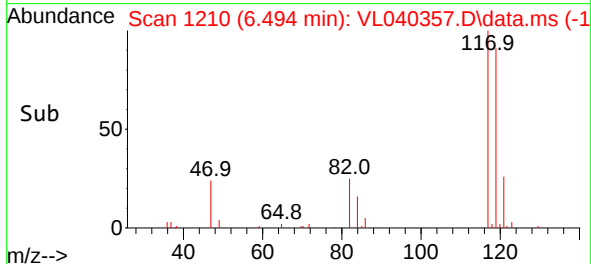
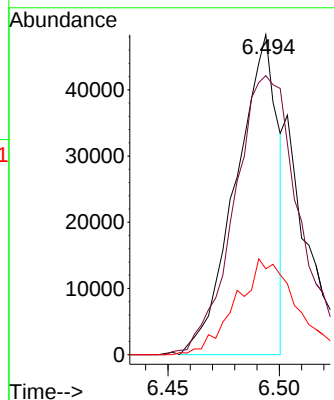
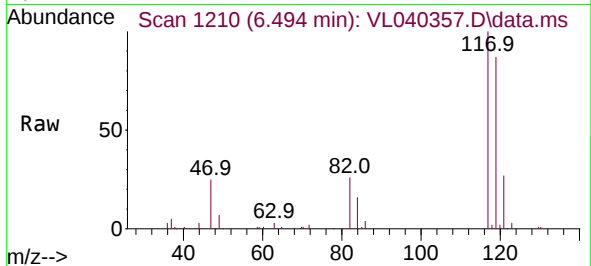




#35
Carbon Tetrachloride
Concen: 0.341 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

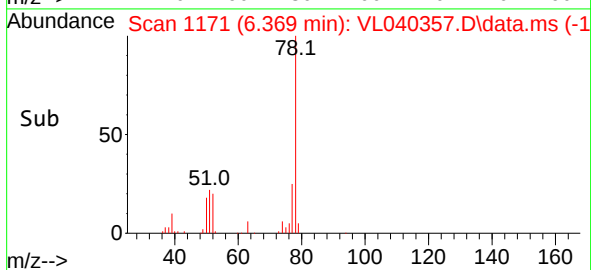
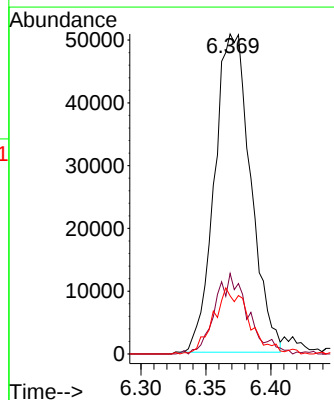
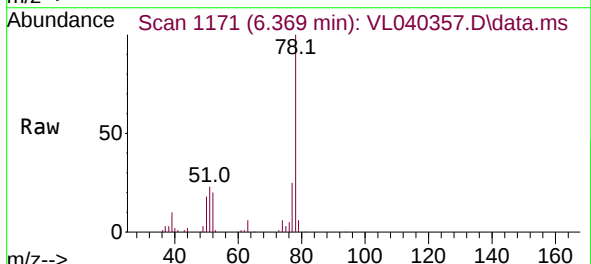
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

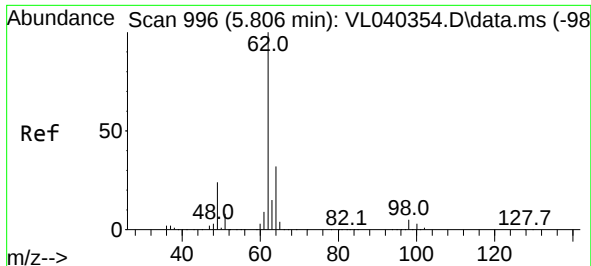
Tgt Ion: 117 Resp: 62870
Ion Ratio Lower Upper
117 100
119 85.9 76.6 114.8
121 26.7 25.3 37.9



#36
Benzene
Concen: 0.458 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.003 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion: 78 Resp: 98010
Ion Ratio Lower Upper
78 100
77 25.0 17.8 26.8
50 18.2 15.6 23.4

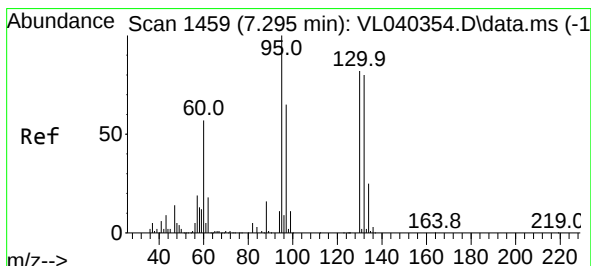
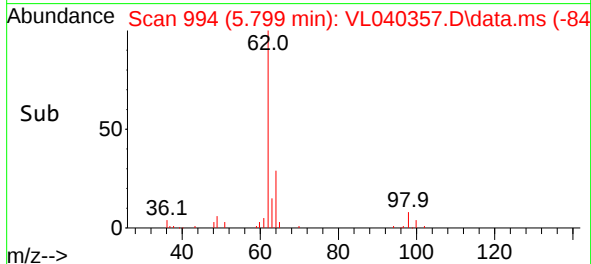
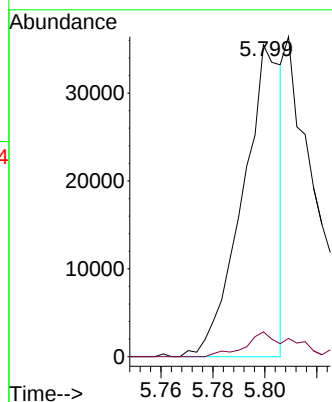
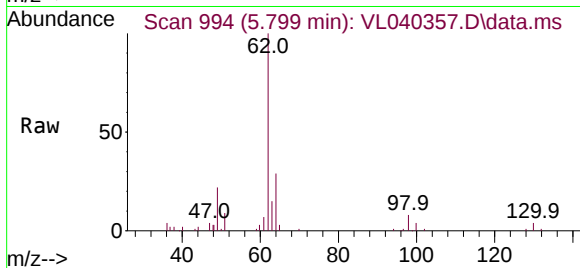




#37
1,2-Dichloroethane
Concen: 0.261 ppbv
RT: 5.799 min Scan# 996
Delta R.T. -0.006 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

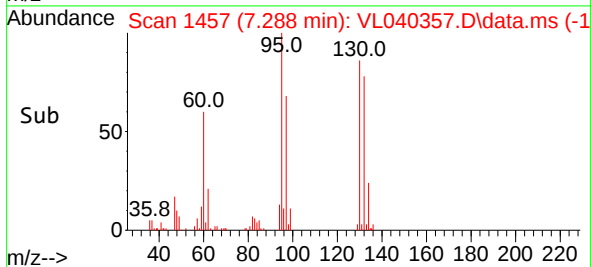
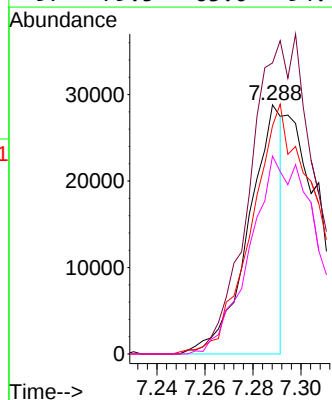
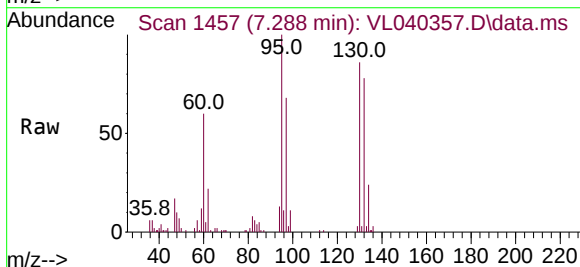
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

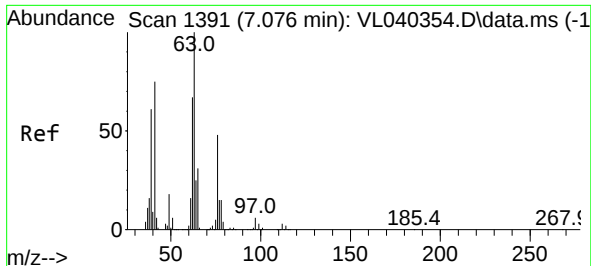
Tgt Ion: 62 Resp: 36619
Ion Ratio Lower Upper
62 100
98 11.2 4.4 6.6#



#38
Trichloroethene
Concen: 0.230 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion:130 Resp: 27977
Ion Ratio Lower Upper
130 100
95 116.9 97.4 146.0
132 90.8 77.5 116.3
97 79.5 63.0 94.4





#39

1,2-Dichloropropane

Concen: 0.148 ppbv

RT: 7.079 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

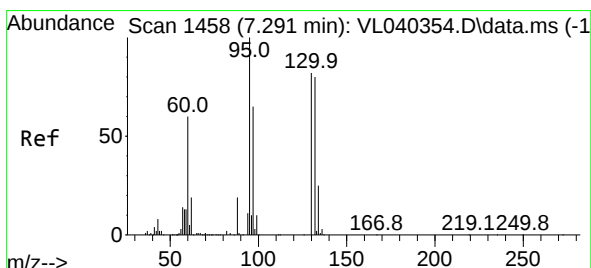
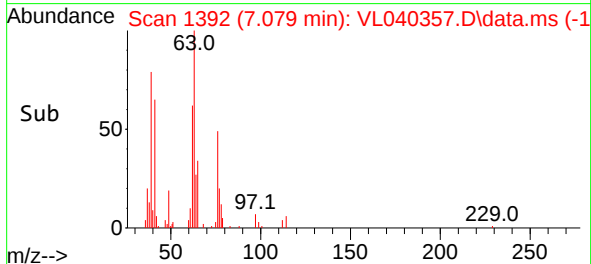
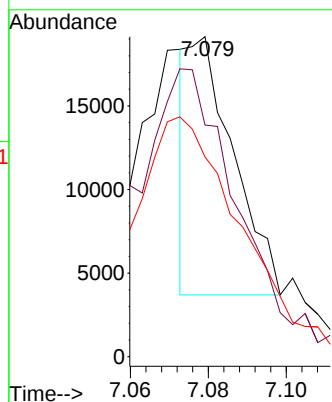
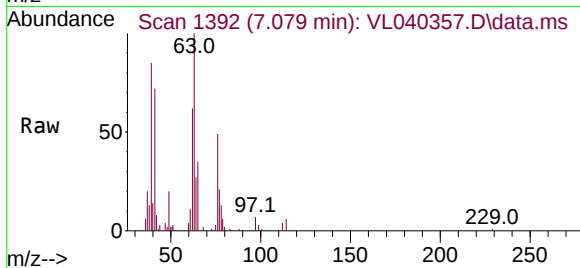
Tgt Ion: 63 Resp: 12425

Ion Ratio Lower Upper

63 100

41 72.7 59.6 89.4

62 54.0 53.9 80.9



#40

1,4-Dioxane

Concen: 0.073 ppbv

RT: 7.307 min Scan# 1463

Delta R.T. 0.016 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

Tgt Ion: 88 Resp: 2346

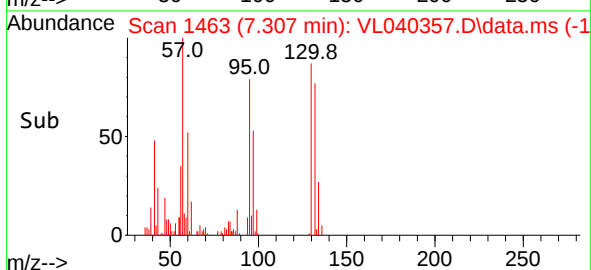
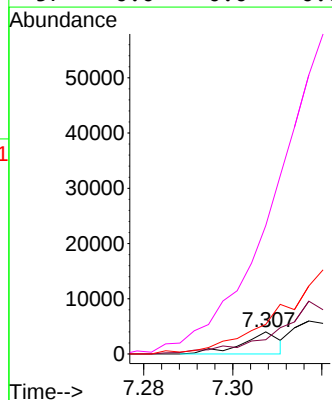
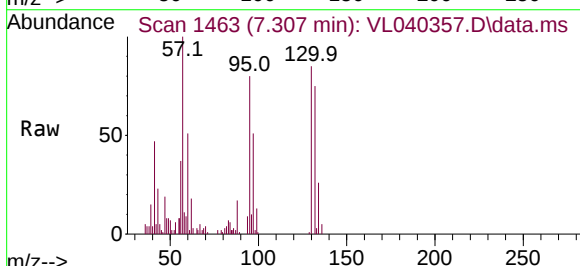
Ion Ratio Lower Upper

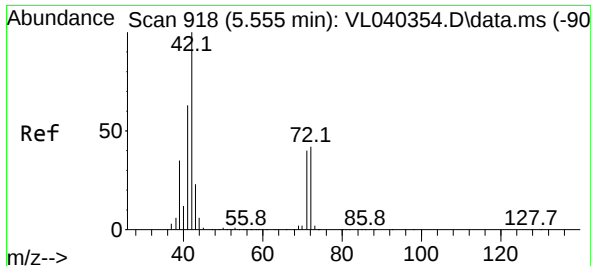
88 100

58 0.0 100.8 151.2#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.444 ppbv

RT: 5.578 min Scan# 918

Delta R.T. 0.022 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

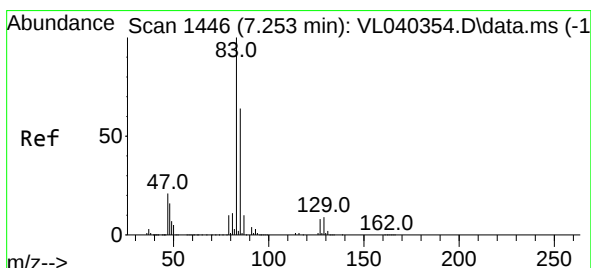
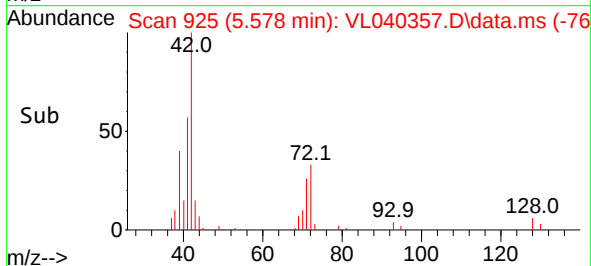
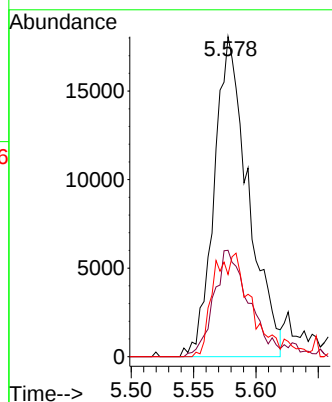
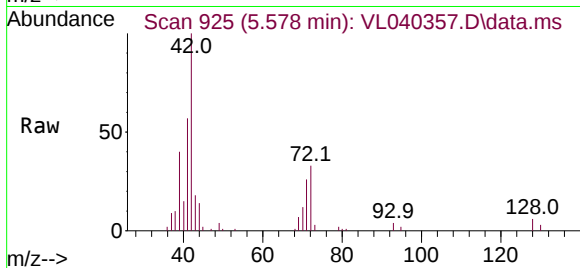
Tgt Ion: 42 Resp: 34349

Ion Ratio Lower Upper

42 100

72 37.0 33.7 50.5

71 38.5 32.2 48.2



#42

Bromodichloromethane

Concen: 0.447 ppbv

RT: 7.253 min Scan# 1446

Delta R.T. -0.000 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

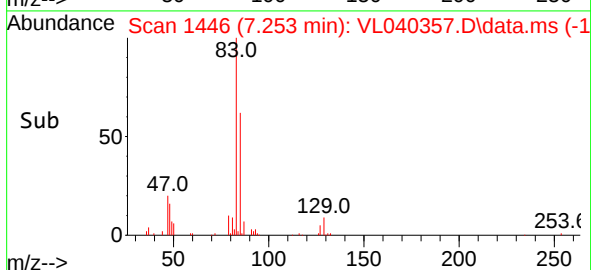
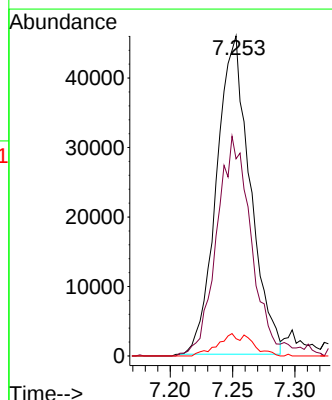
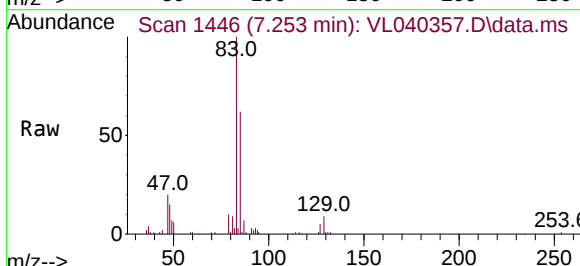
Tgt Ion: 83 Resp: 85750

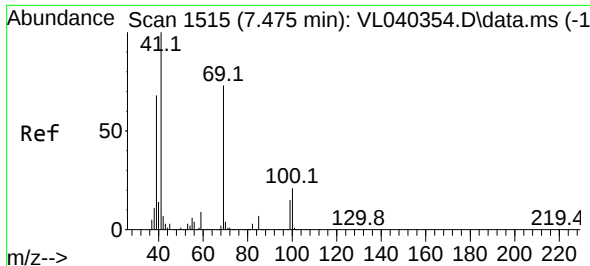
Ion Ratio Lower Upper

83 100

85 61.1 50.9 76.3

127 5.4 6.4 9.6

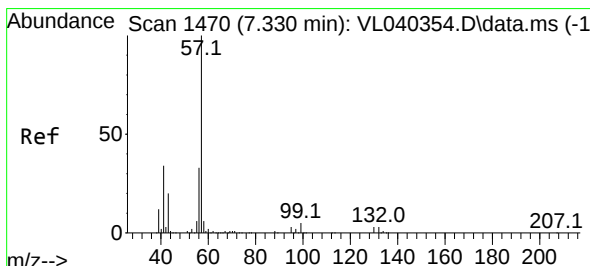
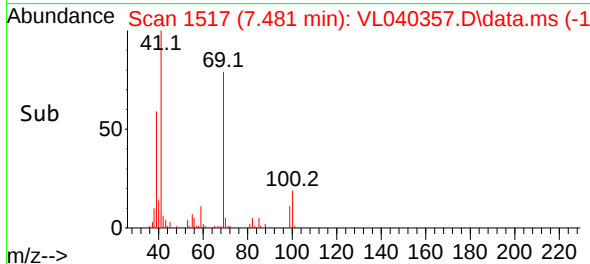
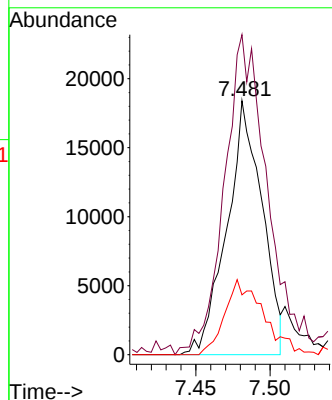
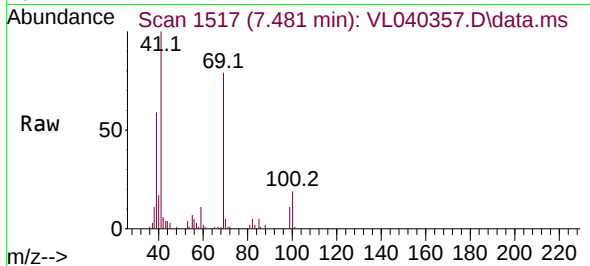




#43
Methyl Methacrylate
Concen: 0.382 ppbv
RT: 7.481 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

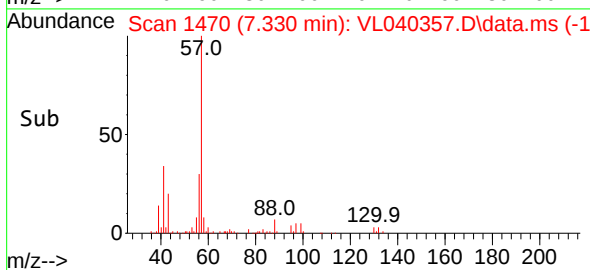
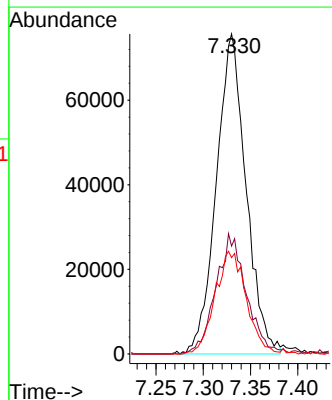
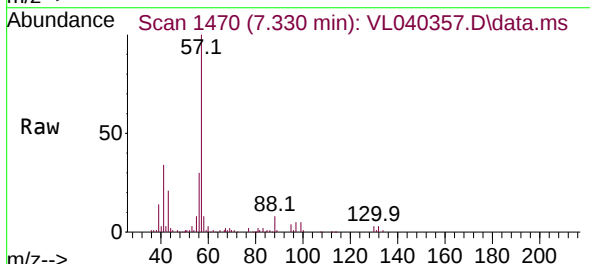
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

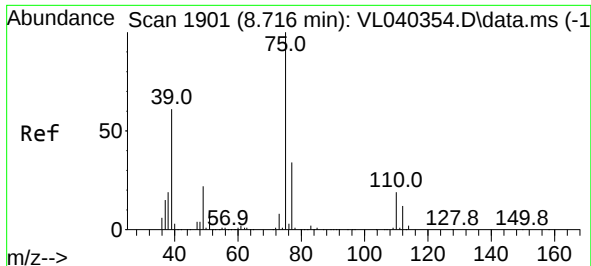
Tgt Ion: 69 Resp: 30378
Ion Ratio Lower Upper
69 100
41 149.7 114.3 171.5
100 32.5 24.5 36.7



#44
2,2,4-Trimethylpentane
Concen: 0.462 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion: 57 Resp: 165002
Ion Ratio Lower Upper
57 100
41 39.0 26.9 40.3
56 34.2 25.1 37.7

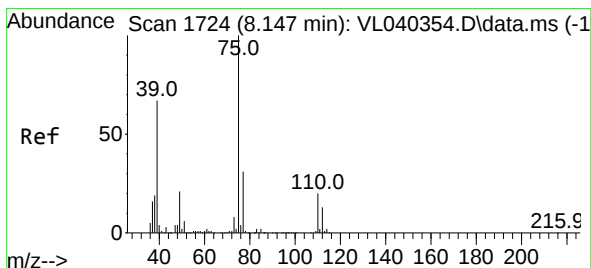
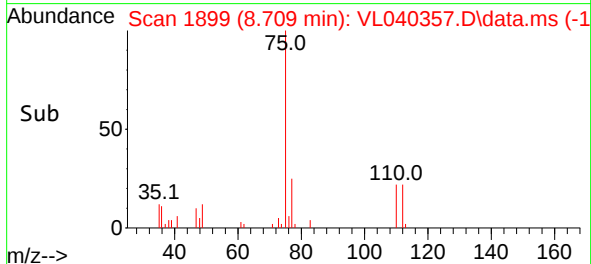
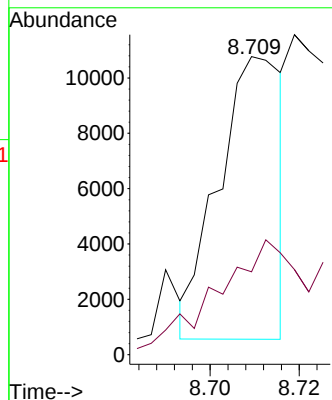
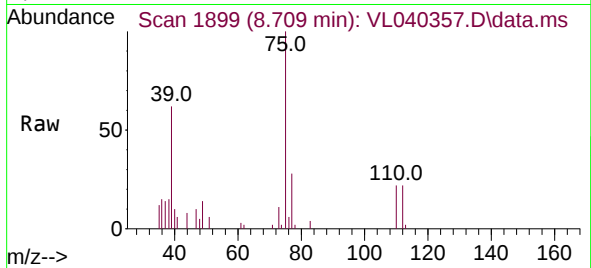




#45
t-1,3-Dichloropropene
Concen: 0.142 ppbv
RT: 8.709 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

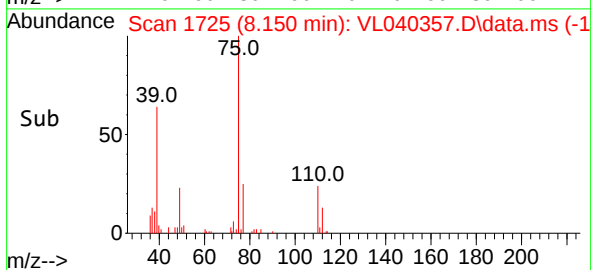
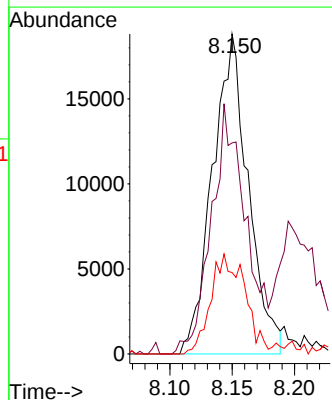
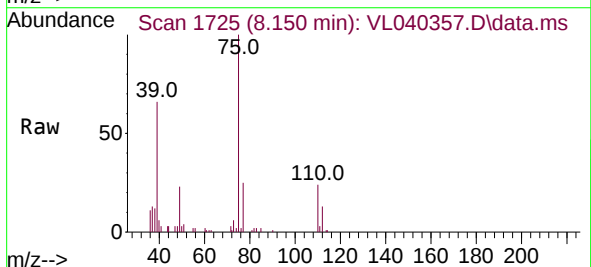
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

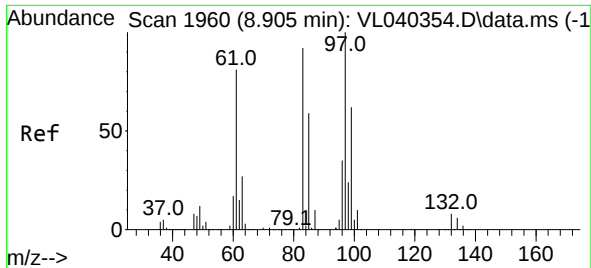
Tgt Ion: 75 Resp: 10054
Ion Ratio Lower Upper
75 100
77 27.8 26.8 40.2



#46
cis-1,3-Dichloropropene
Concen: 0.380 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. 0.003 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion: 75 Resp: 37526
Ion Ratio Lower Upper
75 100
39 61.8 53.4 80.2
77 25.4 24.7 37.1

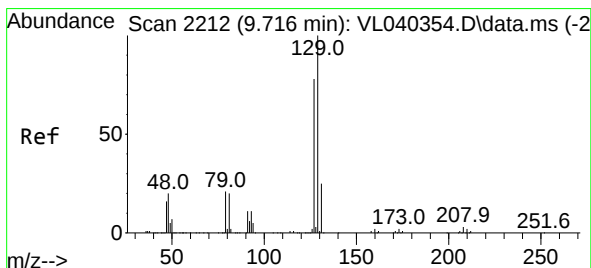
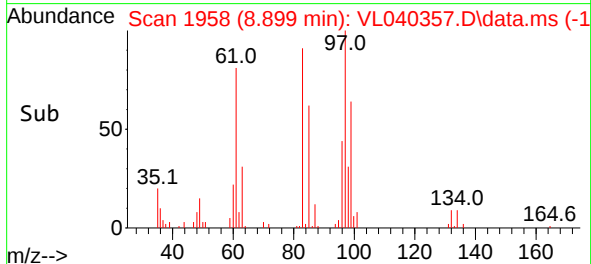
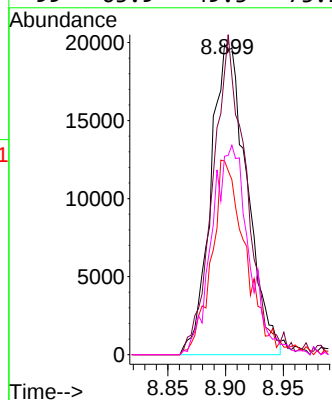
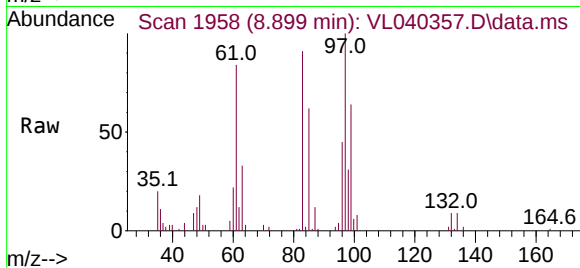




#47
1,1,2-Trichloroethane
Concen: 0.471 ppbv
RT: 8.899 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

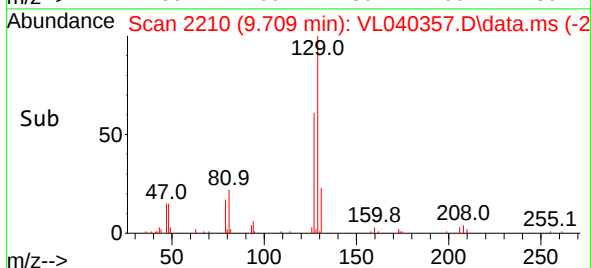
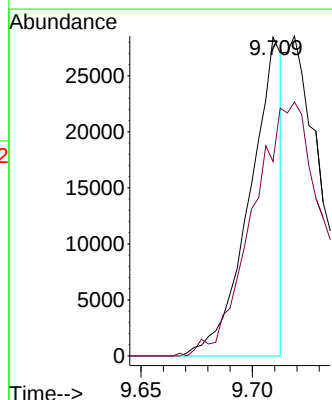
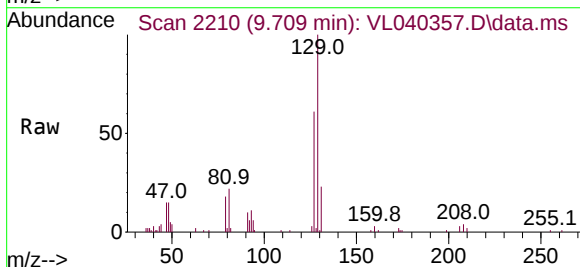
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

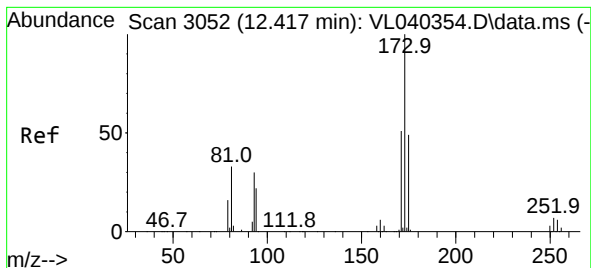
Tgt Ion: 97	Resp: 43462
Ion Ratio	Lower Upper
97 100	
83 90.9	73.3 109.9
85 62.5	46.9 70.3
99 63.9	49.3 73.9



#48
Dibromochloromethane
Concen: 0.192 ppbv
RT: 9.709 min Scan# 2210
Delta R.T. -0.006 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion:129	Resp: 28498		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	39.2	117.6#	





#49

Bromoform

Concen: 0.176 ppbv

RT: 12.407 min Scan# 3052

Delta R.T. -0.010 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

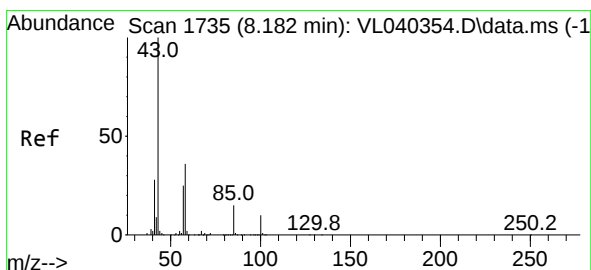
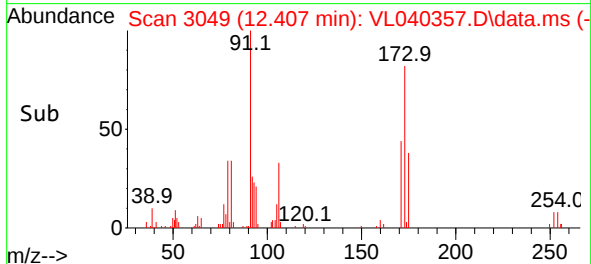
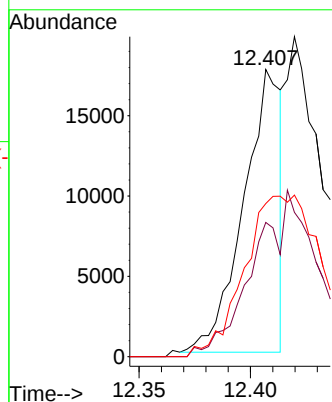
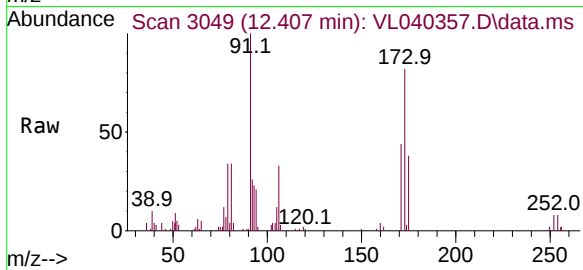
Tgt Ion:173 Resp: 20419

Ion Ratio Lower Upper

173 100

175 0.0 39.8 59.8#

171 0.0 42.2 63.2#



#50

4-Methyl-2-Pentanone

Concen: 0.152 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.013 min

Lab File: VL040357.D

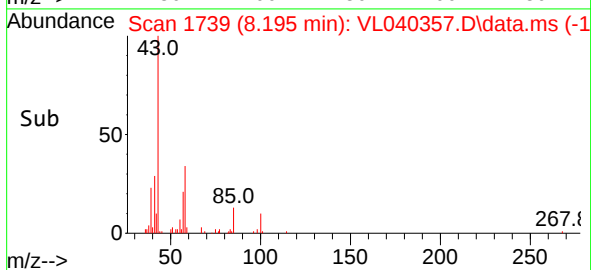
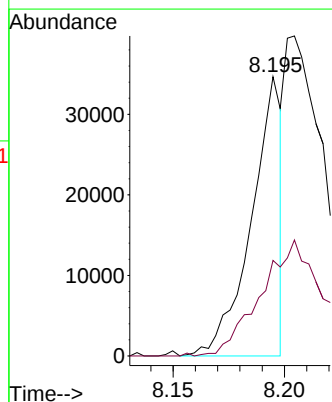
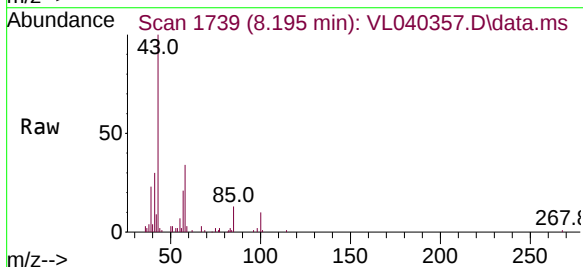
Acq: 13 Apr 2023 12:01

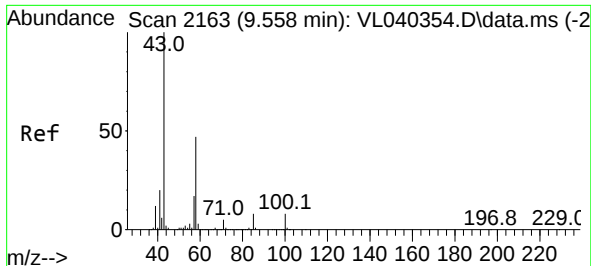
Tgt Ion: 43 Resp: 32517

Ion Ratio Lower Upper

43 100

58 0.0 28.6 43.0#

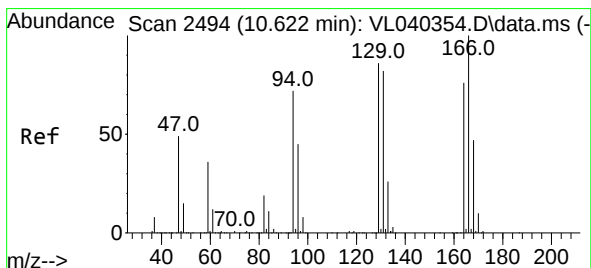
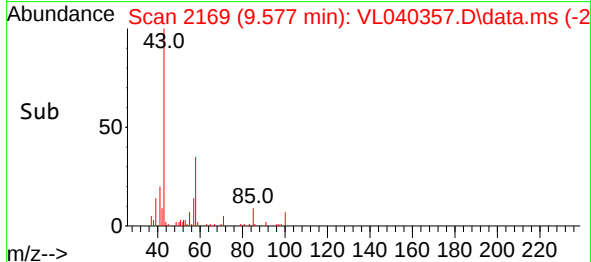
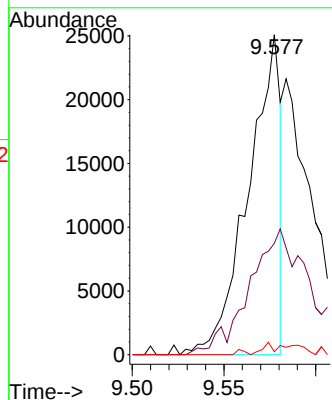
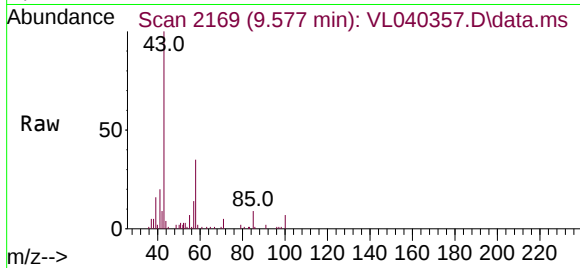




#51
2-Hexanone
Concen: 0.192 ppbv
RT: 9.577 min Scan# 2169
Delta R.T. 0.019 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

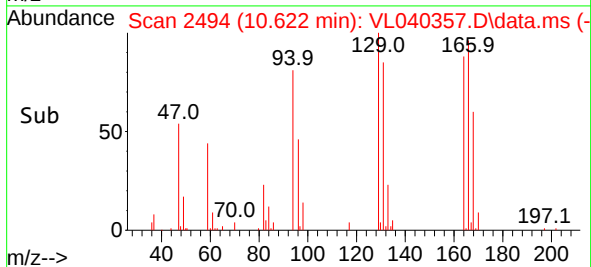
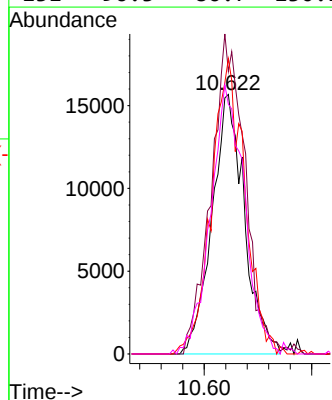
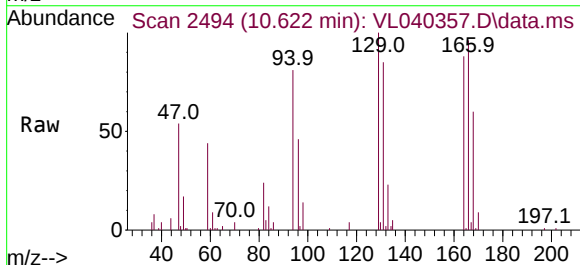
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

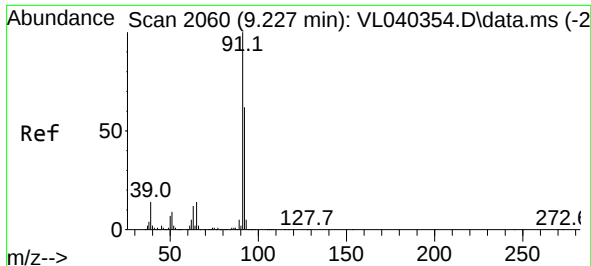
Tgt Ion: 43 Resp: 30436
Ion Ratio Lower Upper
43 100
58 0.0 38.3 57.5#
98 5.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.489 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. -0.000 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion: 164 Resp: 32726
Ion Ratio Lower Upper
164 100
166 108.9 105.2 157.8
129 111.1 90.3 135.5
131 96.3 86.7 130.1

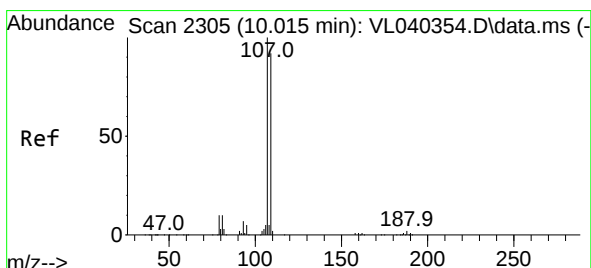
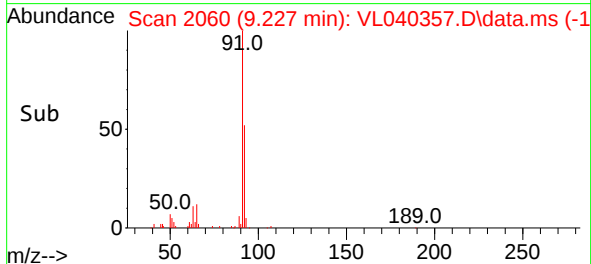
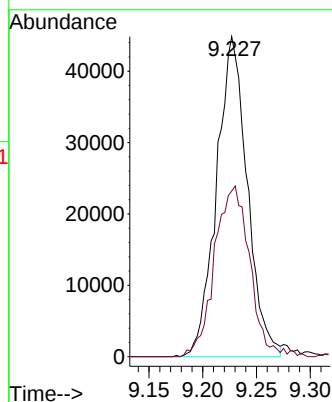
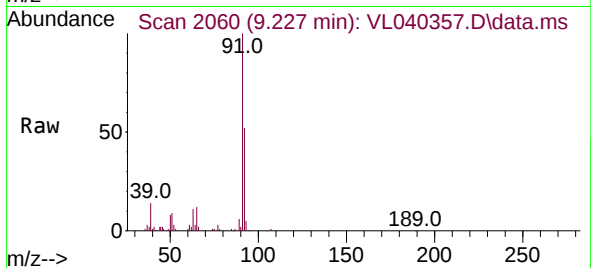




#53
Toluene
Concen: 0.394 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

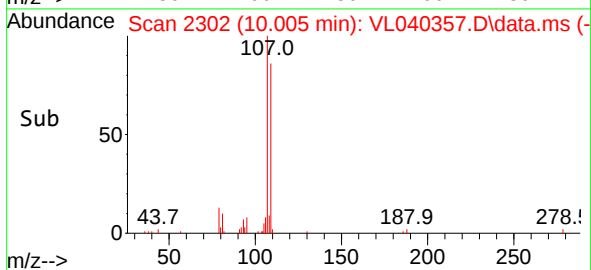
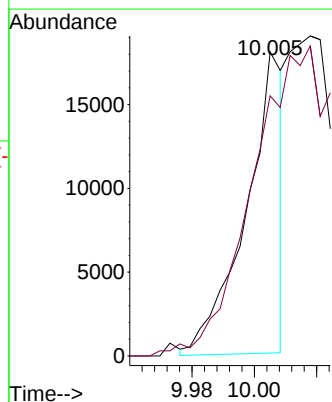
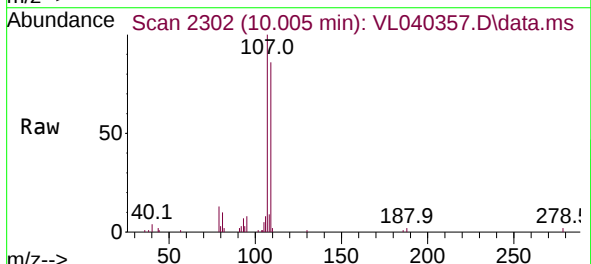
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

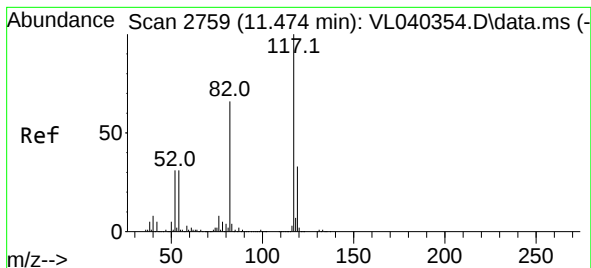
Tgt Ion: 91 Resp: 89256
Ion Ratio Lower Upper
91 100
92 61.1 48.9 73.3



#54
1,2-Dibromoethane
Concen: 0.157 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. -0.010 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion: 107 Resp: 14688
Ion Ratio Lower Upper
107 100
109 83.5 73.6 110.4

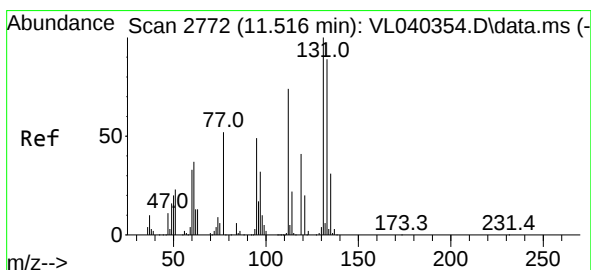
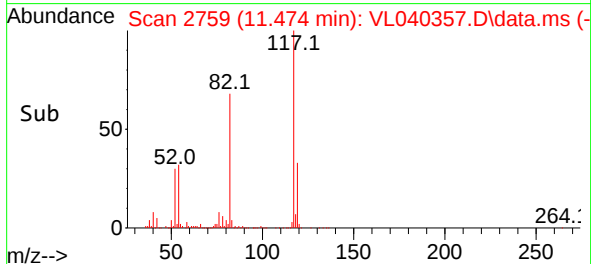
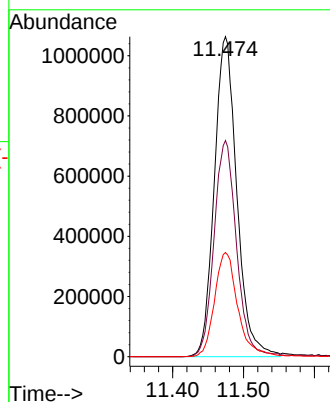
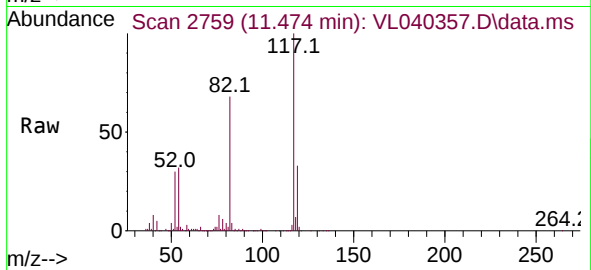




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 2759
Delta R.T. -0.000 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

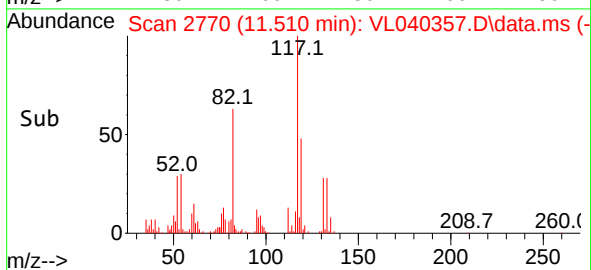
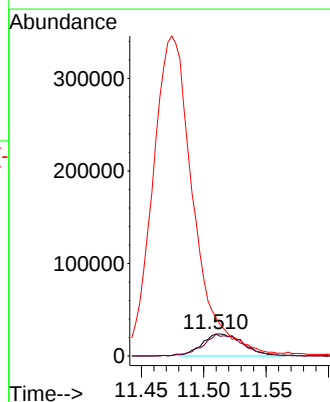
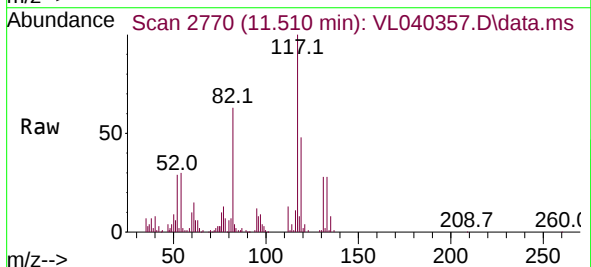
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

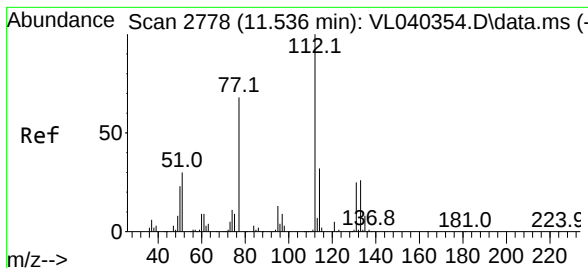
Tgt Ion:117 Resp: 2350153
Ion Ratio Lower Upper
117 100
82 68.0 52.5 78.7
119 33.8 24.3 36.5



#56
1,1,1,2-Tetrachloroethane
Concen: 0.505 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. -0.006 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion:131 Resp: 54215
Ion Ratio Lower Upper
131 100
133 96.7 75.3 112.9
119 0.0 53.9 80.9#

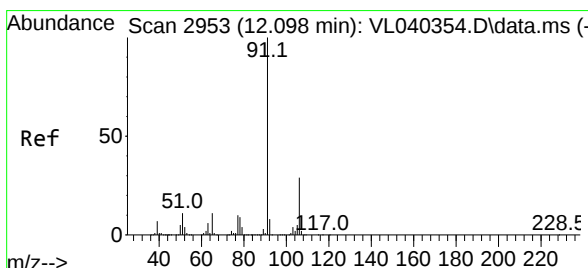
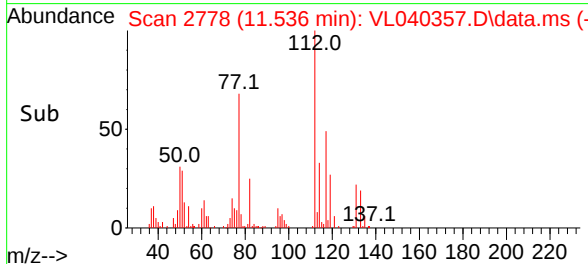
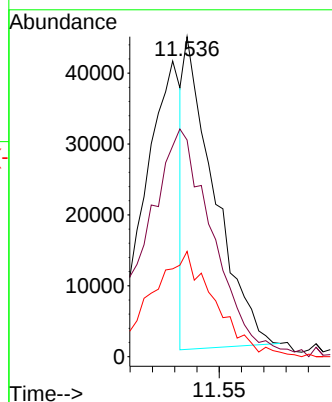
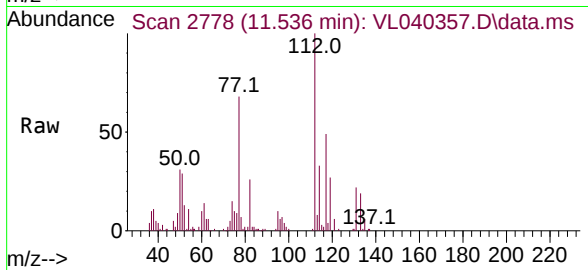




#57
Chlorobenzene
Concen: 0.223 ppbv
RT: 11.536 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

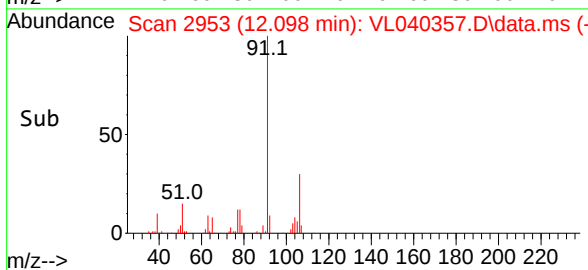
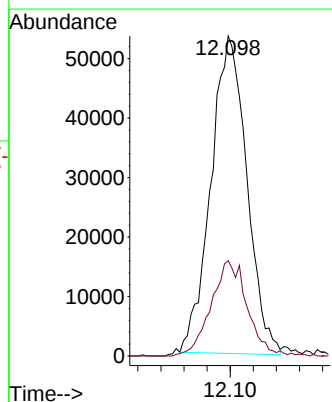
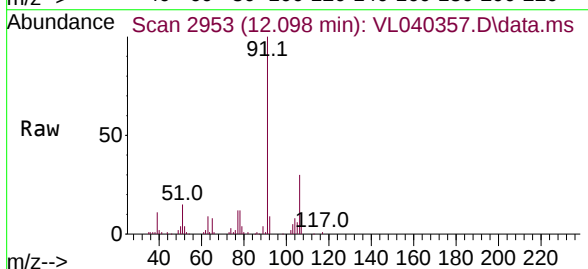
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

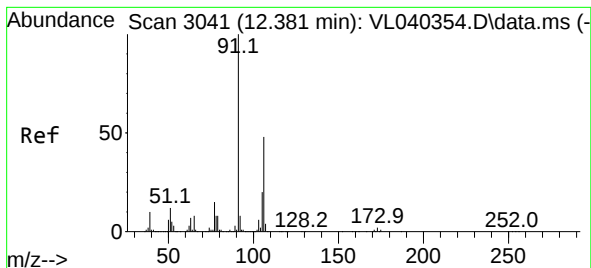
Tgt Ion:112 Resp: 41120
Ion Ratio Lower Upper
112 100
77 68.2 55.8 83.8
114 32.9 29.1 35.5



#58
Ethyl Benzene
Concen: 0.399 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. -0.000 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion: 91 Resp: 115268
Ion Ratio Lower Upper
91 100
106 29.1 23.5 35.3

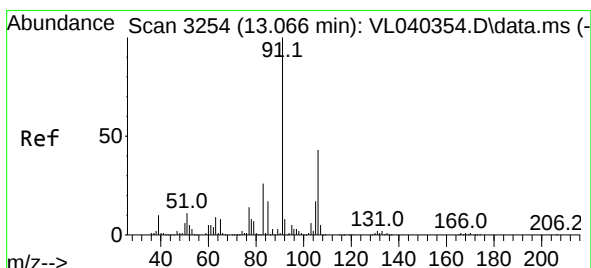
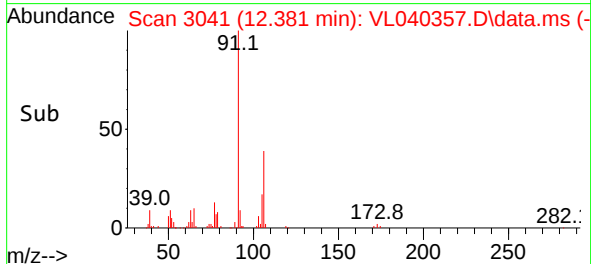
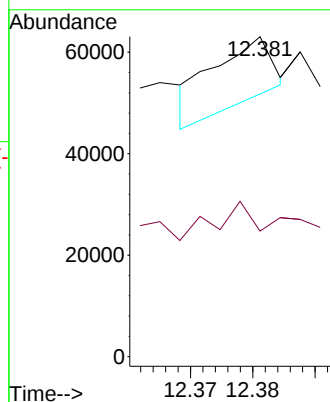
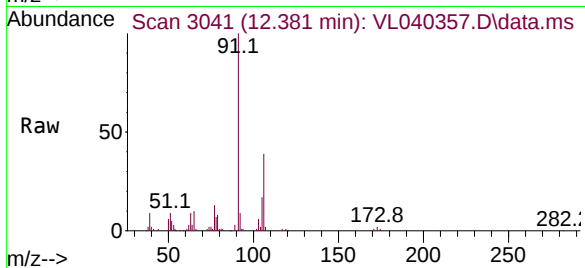




#59
m/p-Xylene
Concen: 0.033 ppbv
RT: 12.381 min Scan# 3041
Delta R.T. -0.000 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

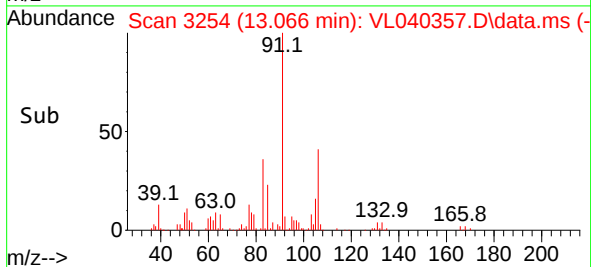
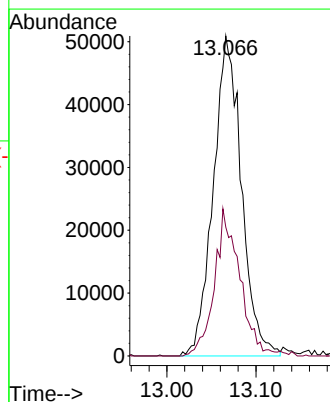
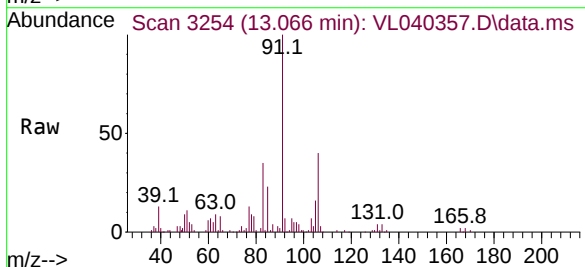
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

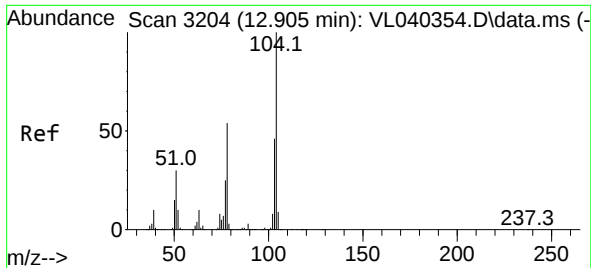
Tgt Ion: 91 Resp: 8752
Ion Ratio Lower Upper
91 100
106 1120.6 34.7 52.1#



#60
o-Xylene
Concen: 0.438 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. -0.000 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion: 91 Resp: 111745
Ion Ratio Lower Upper
91 100
106 41.8 21.9 65.8

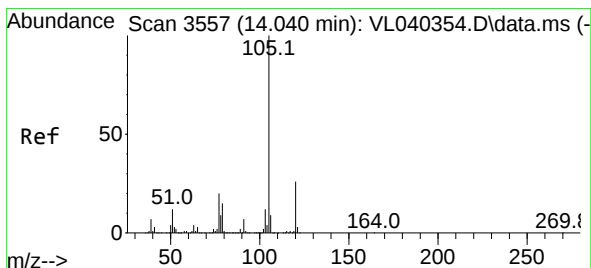
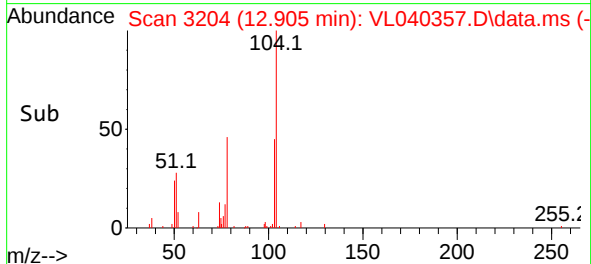
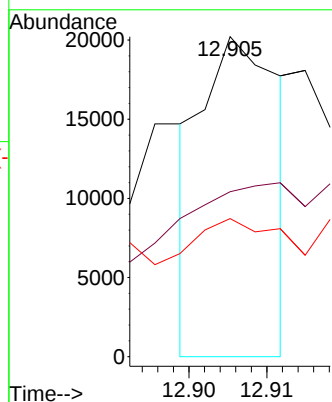
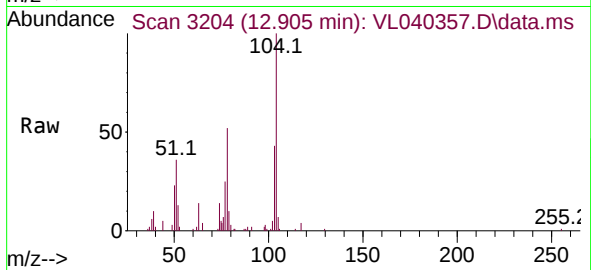




#61
Styrene
Concen: 0.109 ppbv
RT: 12.905 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

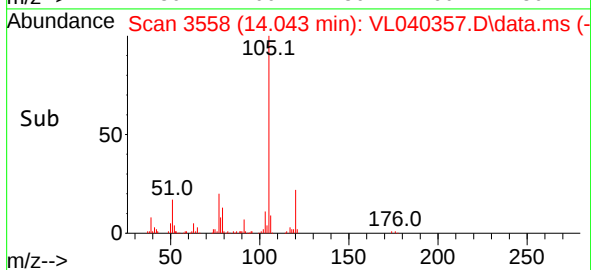
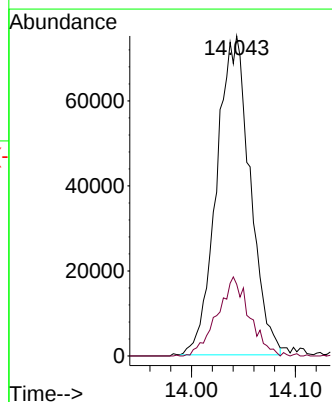
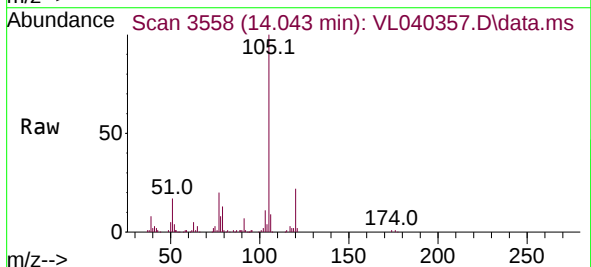
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

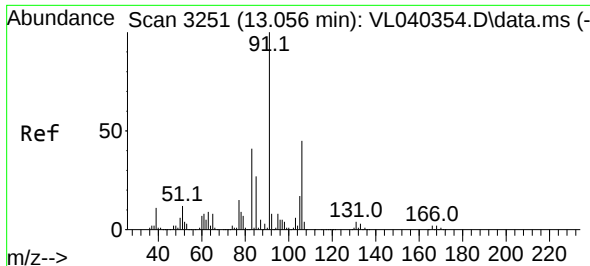
Tgt Ion:104 Resp: 13896
Ion Ratio Lower Upper
104 100
78 0.0 43.4 65.0#
103 151.6 37.0 55.4#



#62
Isopropylbenzene
Concen: 0.458 ppbv
RT: 14.043 min Scan# 3558
Delta R.T. 0.003 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion:105 Resp: 168371
Ion Ratio Lower Upper
105 100
120 23.9 19.9 29.9

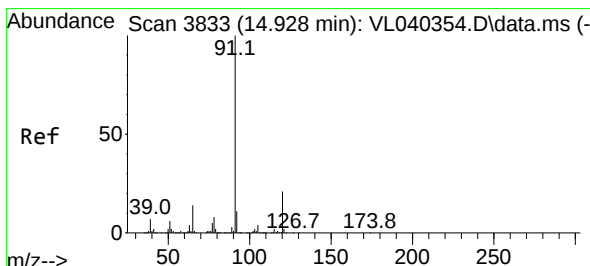
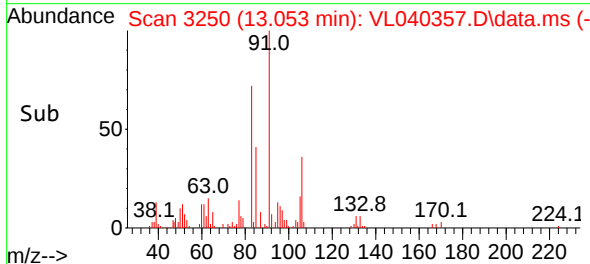
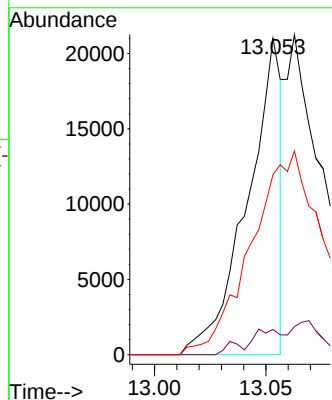
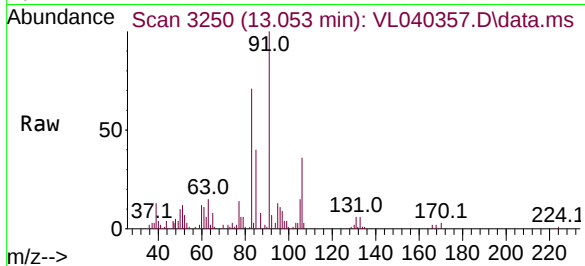




#63
1,1,2,2-Tetrachloroethane
Concen: 0.238 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

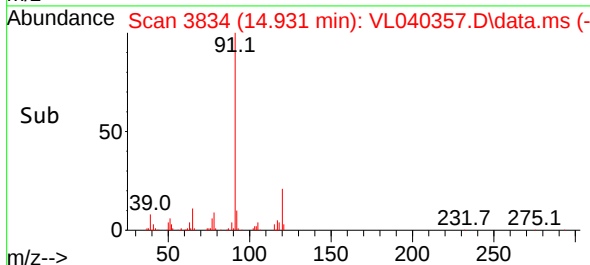
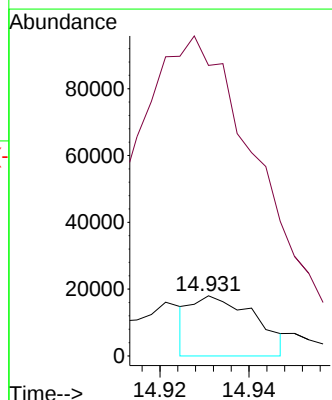
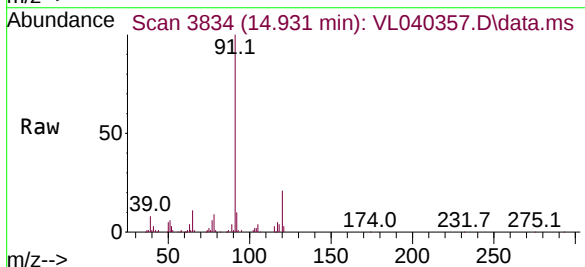
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

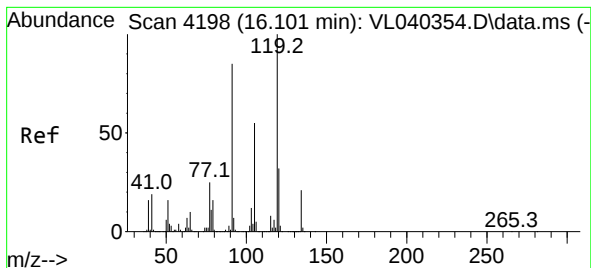
Tgt Ion: 83 Resp: 22218
Ion Ratio Lower Upper
83 100
131 0.0 4.3 13.1#
85 0.0 32.9 98.6#



#64
n-propylbenzene
Concen: 0.197 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.003 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion:120 Resp: 17832
Ion Ratio Lower Upper
120 100
91 1237.4 397.4 596.0#





#65

tert-Butylbenzene

Concen: 0.442 ppbv

RT: 16.104 min Scan# 4199

Delta R.T. 0.003 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

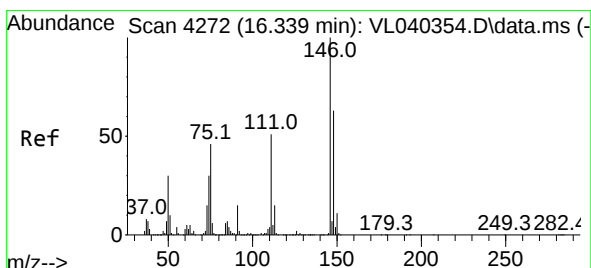
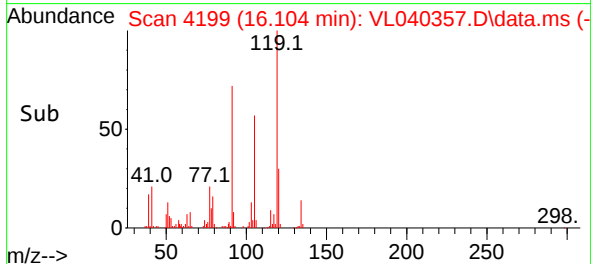
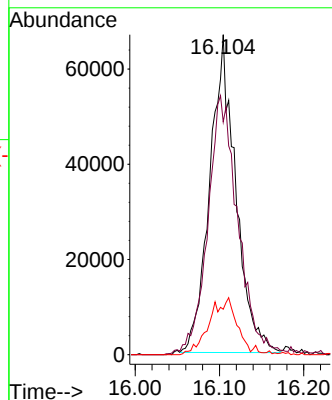
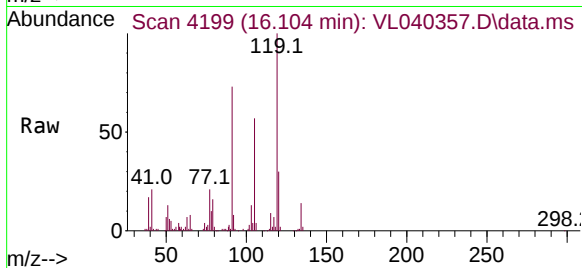
Tgt Ion:119 Resp: 143014

Ion Ratio Lower Upper

119 100

91 96.1 70.1 105.1

134 19.9 15.6 23.4



#66

Benzyl Chloride

Concen: 0.076 ppbv

RT: 16.342 min Scan# 4273

Delta R.T. 0.003 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

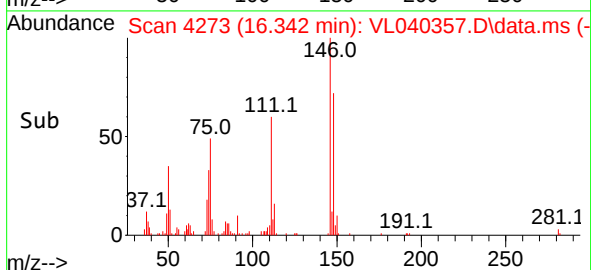
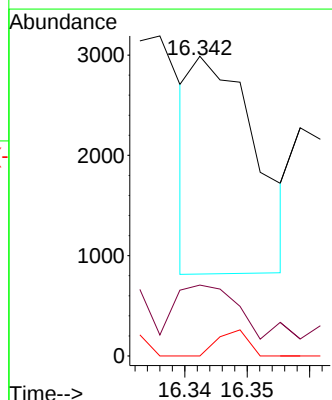
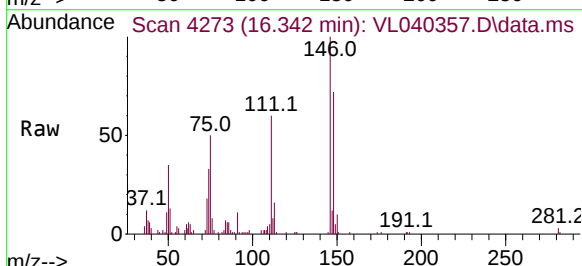
Tgt Ion: 91 Resp: 1527

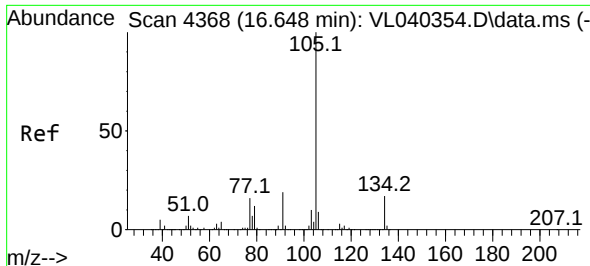
Ion Ratio Lower Upper

91 100

126 82.7 12.3 18.5#

128 5.7 4.1 6.1





#67

sec-Butylbenzene

Concen: 0.452 ppbv

RT: 16.651 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

Instrument :

MSVOA_1

ClientSampleId :

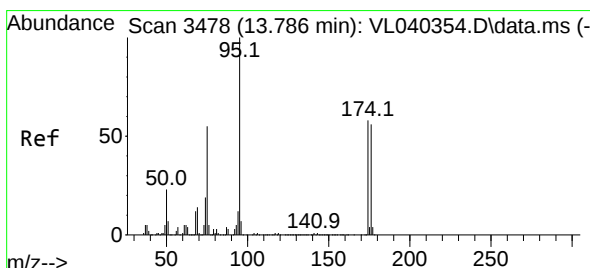
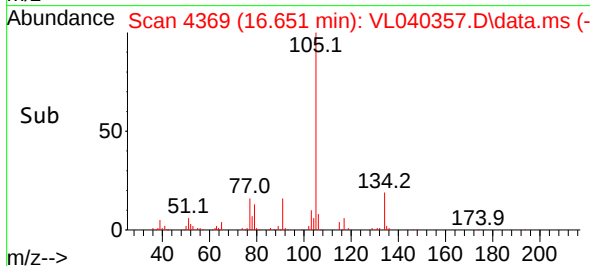
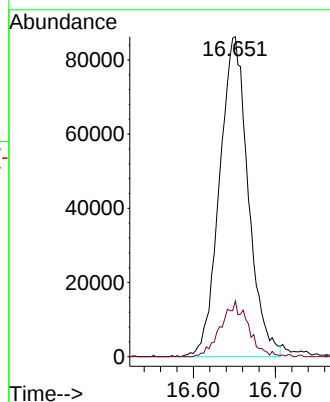
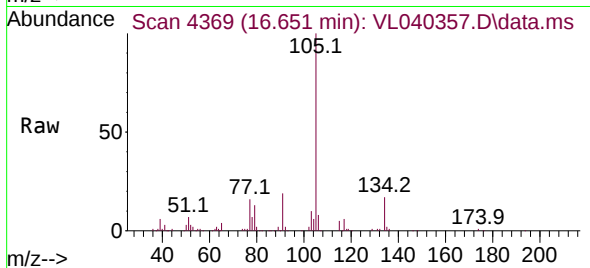
VSTDIC0.5

Tgt Ion:105 Resp: 209854

Ion Ratio Lower Upper

105 100

134 16.7 13.8 20.6



#68

1-Bromo-4-Fluorobenzene

Concen: 10.264 ppbv

RT: 13.786 min Scan# 3478

Delta R.T. -0.000 min

Lab File: VL040357.D

Acq: 13 Apr 2023 12:01

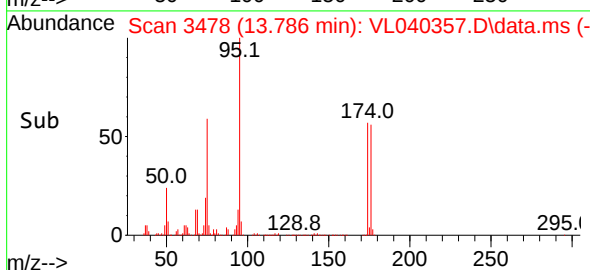
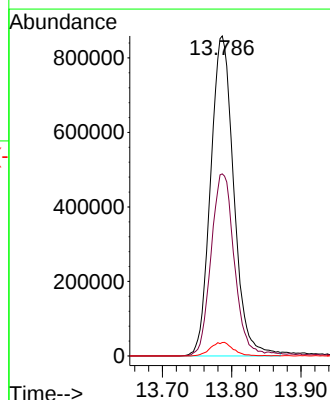
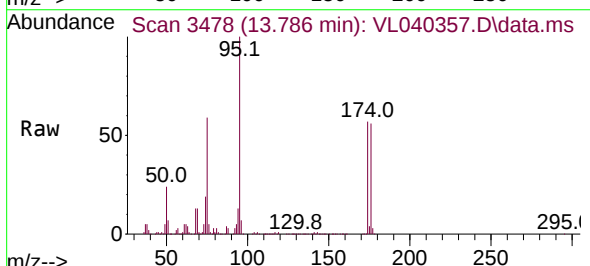
Tgt Ion: 95 Resp: 1994715

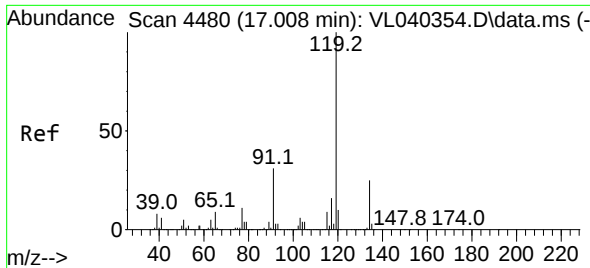
Ion Ratio Lower Upper

95 100

174 58.1 47.2 70.8

175 4.2 3.5 5.3

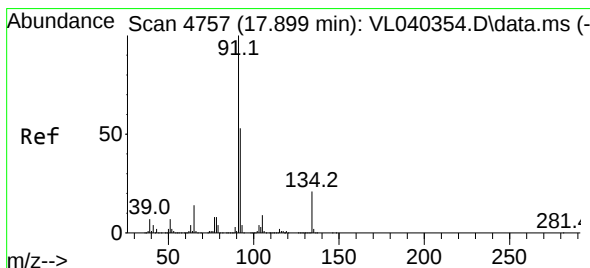
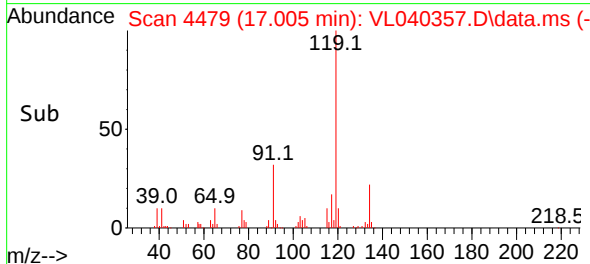
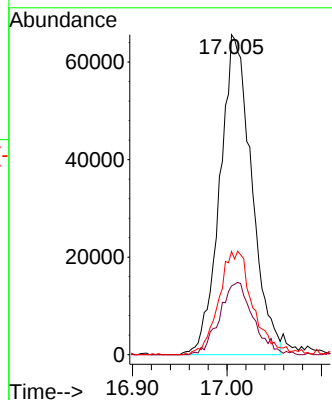
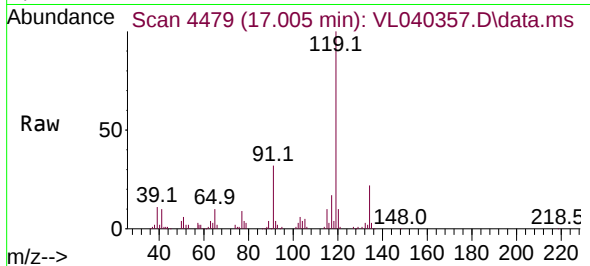




#69
p-Isopropyltoluene
Concen: 0.420 ppbv
RT: 17.005 min Scan# 4480
Delta R.T. -0.003 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

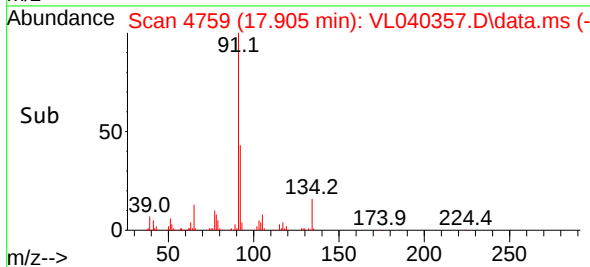
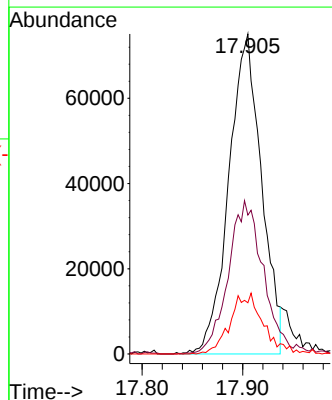
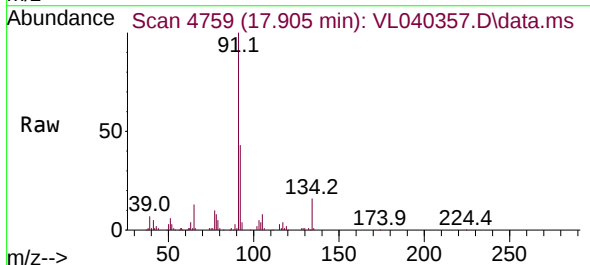
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

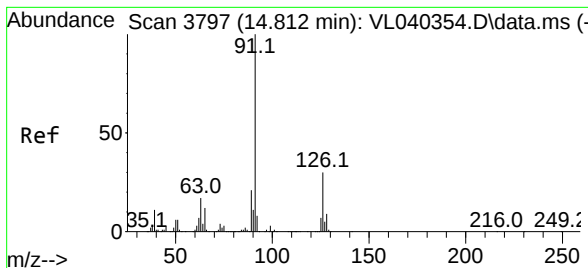
Tgt Ion:119 Resp: 152464
Ion Ratio Lower Upper
119 100
134 24.0 20.2 30.4
91 35.6 25.7 38.5



#70
n-Butylbenzene
Concen: 0.421 ppbv
RT: 17.905 min Scan# 4759
Delta R.T. 0.006 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion: 91 Resp: 169401
Ion Ratio Lower Upper
91 100
92 52.3 43.0 64.4
134 19.3 16.6 25.0

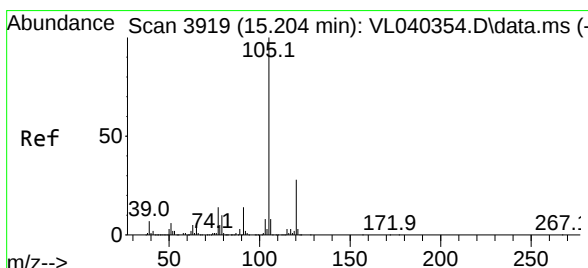
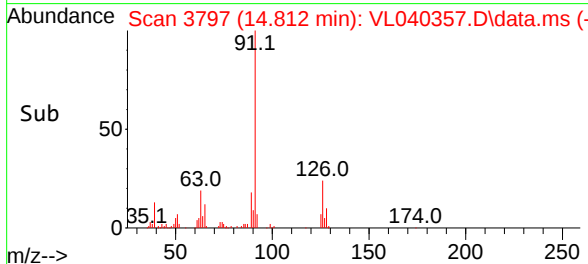
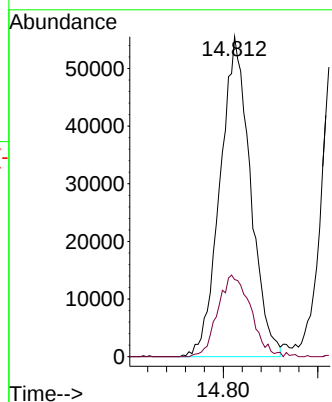
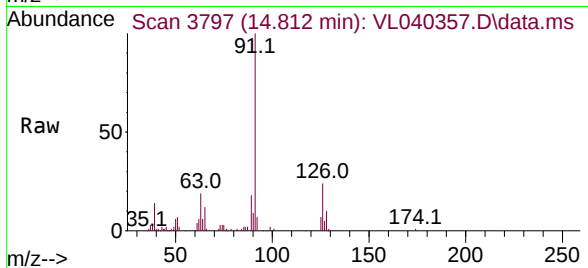




#71
2-Chlorotoluene
Concen: 0.439 ppbv
RT: 14.812 min Scan# 3797
Delta R.T. -0.000 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

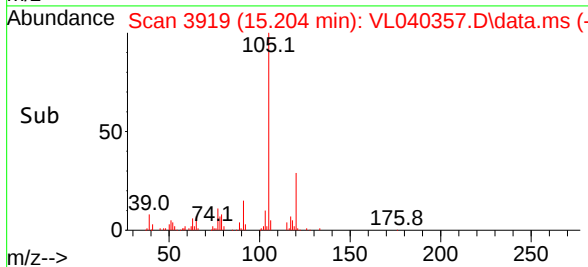
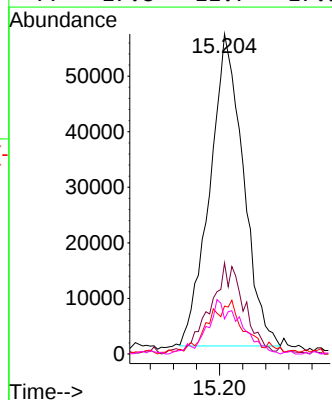
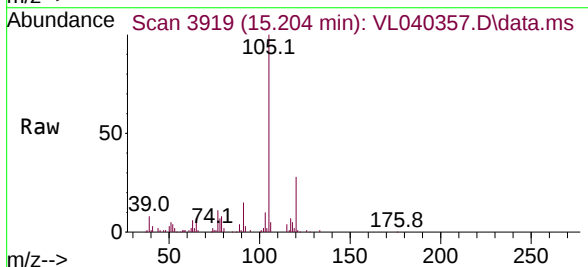
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

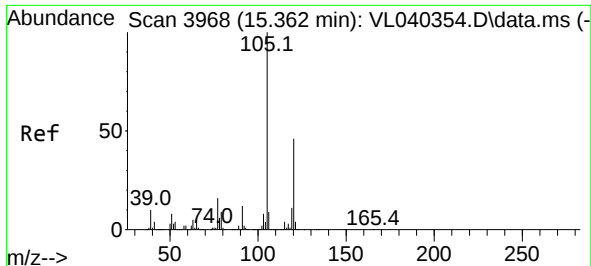
Tgt Ion: 91 Resp: 123968
Ion Ratio Lower Upper
91 100
126 27.8 11.8 47.4



#72
4-Ethyltoluene
Concen: 0.401 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. -0.000 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion: 105 Resp: 112923
Ion Ratio Lower Upper
105 100
120 31.6 23.0 34.6
91 20.4 11.3 16.9#
77 17.8 11.7 17.5#

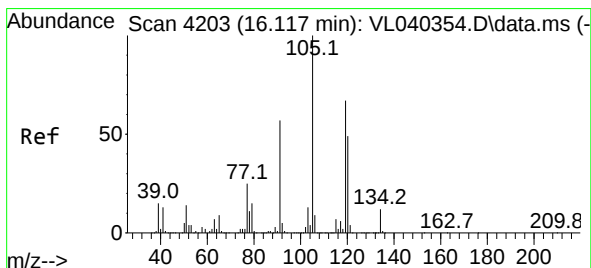
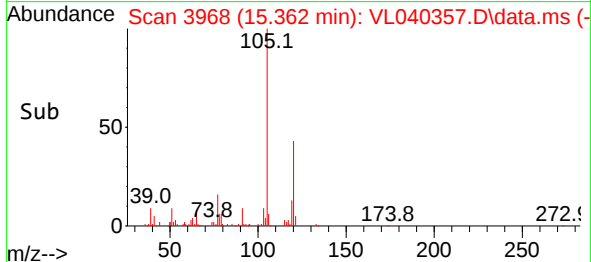
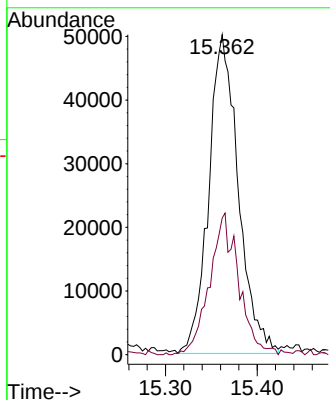
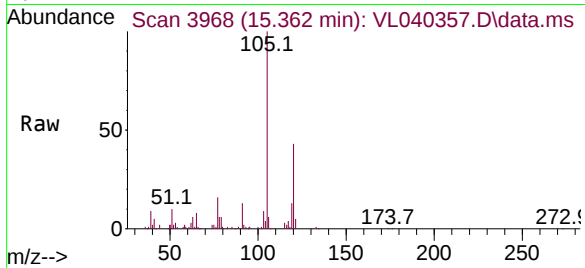




#73
 1,3,5-Trimethylbenzene
 Concen: 0.432 ppbv
 RT: 15.362 min Scan# 3968
 Delta R.T. -0.000 min
 Lab File: VL040357.D
 Acq: 13 Apr 2023 12:01

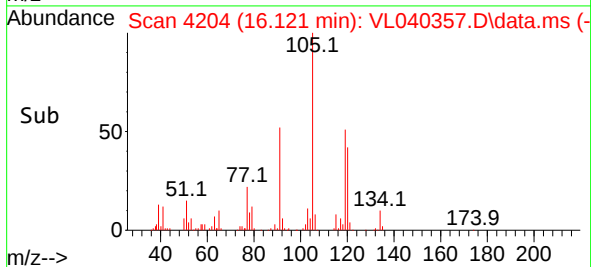
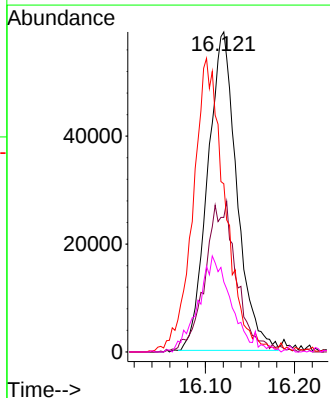
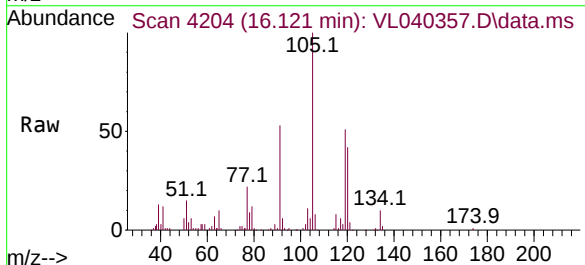
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

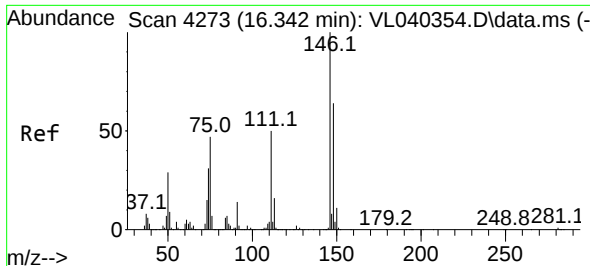
Tgt Ion:105 Resp: 112496
 Ion Ratio Lower Upper
 105 100
 120 42.8 36.9 55.3



#74
 1,2,4-Trimethylbenzene
 Concen: 0.451 ppbv
 RT: 16.121 min Scan# 4204
 Delta R.T. 0.003 min
 Lab File: VL040357.D
 Acq: 13 Apr 2023 12:01

Tgt Ion:105 Resp: 134261
 Ion Ratio Lower Upper
 105 100
 120 40.9 38.9 58.3
 91 51.6 46.0 69.0
 77 21.1 20.0 30.0

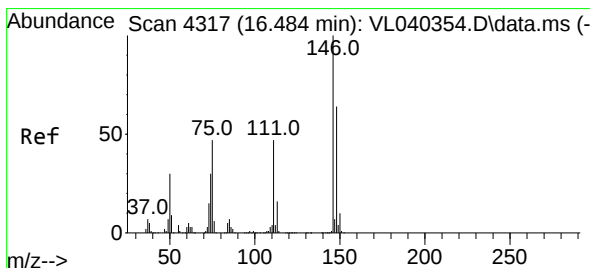
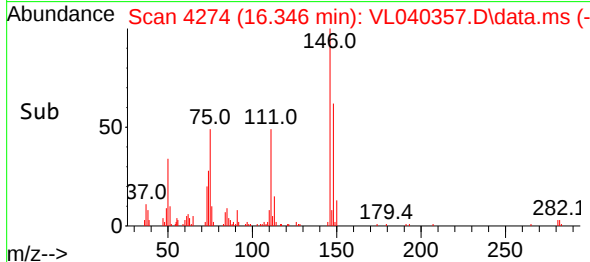
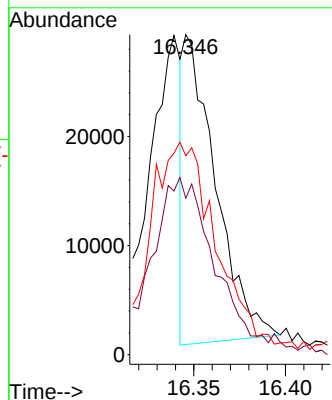
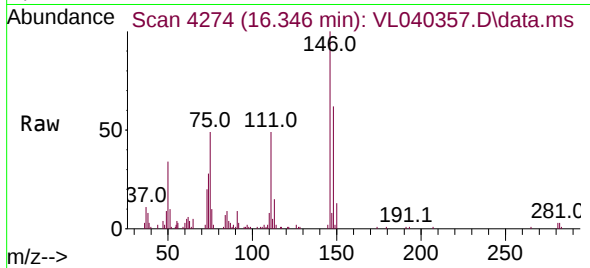




#75
1,3-Dichlorobenzene
Concen: 0.210 ppbv
RT: 16.346 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

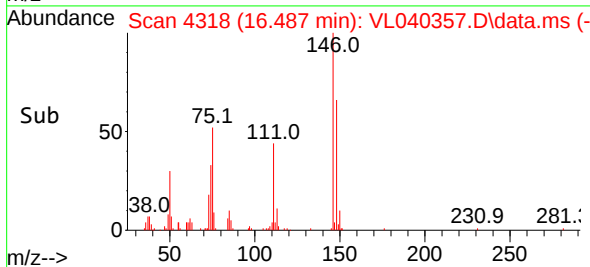
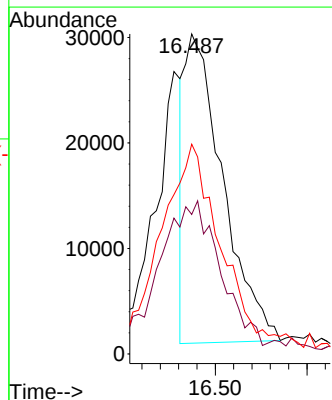
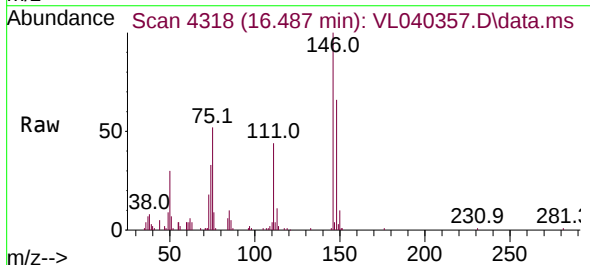
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

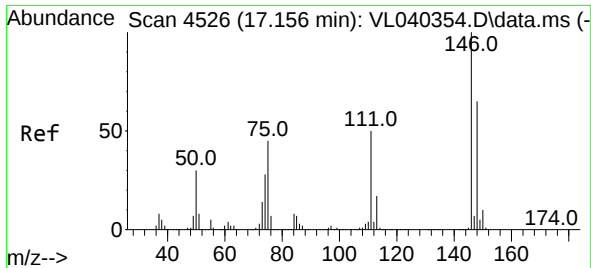
Tgt Ion:146 Resp: 34267
Ion Ratio Lower Upper
146 100
111 119.4 24.6 74.0#
148 153.0 32.1 96.3#



#76
1,4-Dichlorobenzene
Concen: 0.262 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.003 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion:146 Resp: 42244
Ion Ratio Lower Upper
146 100
111 89.8 23.8 71.4#
148 117.3 32.4 97.2#

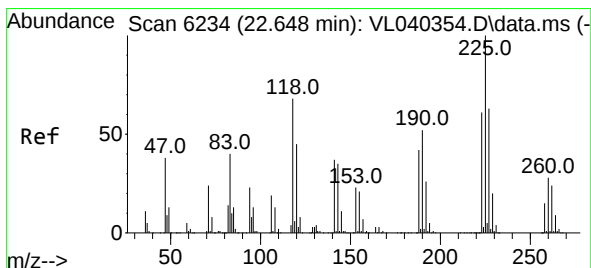
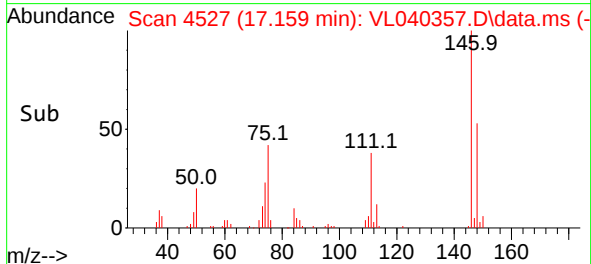
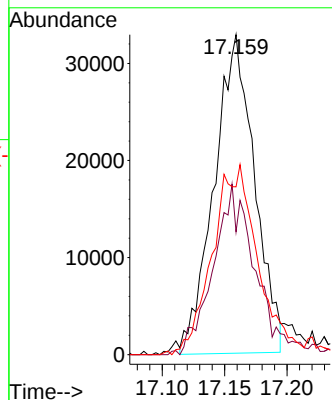
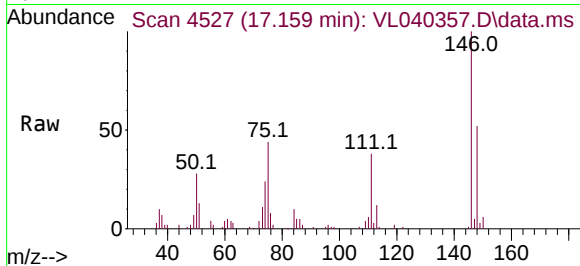




#77
1,2-Dichlorobenzene
Concen: 0.459 ppbv
RT: 17.159 min Scan# 4527
Delta R.T. 0.003 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

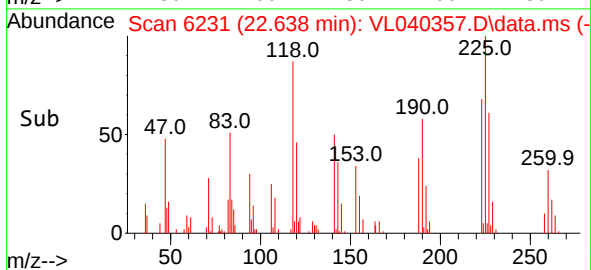
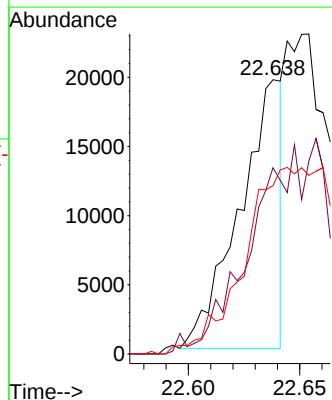
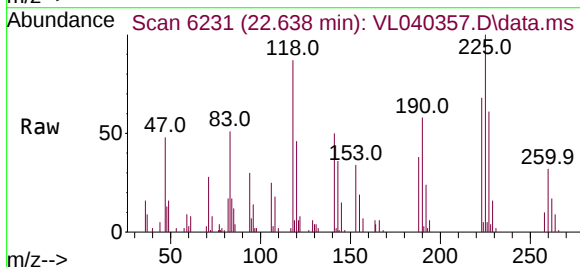
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

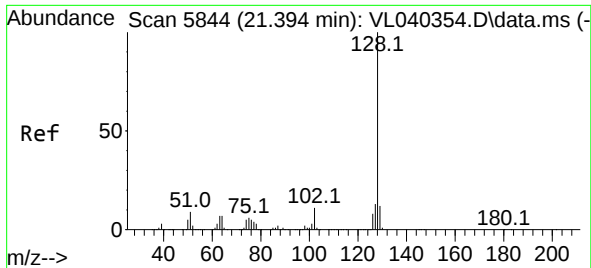
Tgt Ion:146 Resp: 73984
Ion Ratio Lower Upper
146 100
111 57.0 25.4 76.0
148 69.4 32.0 96.2



#78
Hexachloro-1,3-Butadiene
Concen: 0.199 ppbv
RT: 22.638 min Scan# 6231
Delta R.T. -0.010 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion:225 Resp: 25694
Ion Ratio Lower Upper
225 100
223 0.0 50.7 76.1#
227 170.7 51.0 76.4#

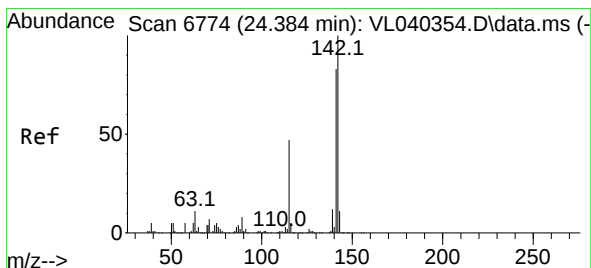
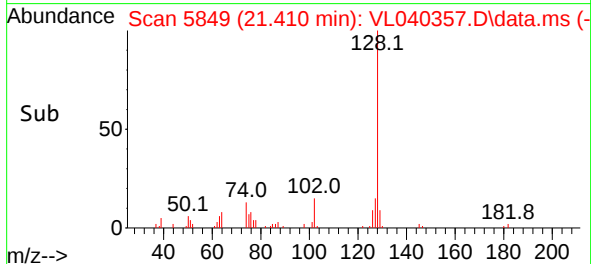
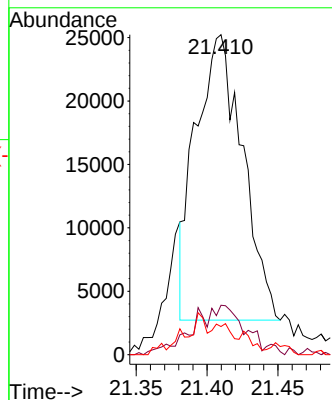
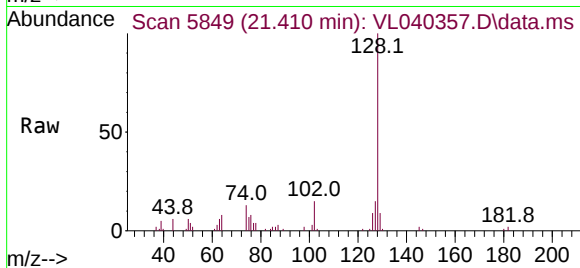




#79
Naphthalene
Concen: 0.257 ppbv
RT: 21.410 min Scan# 5849
Delta R.T. 0.016 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

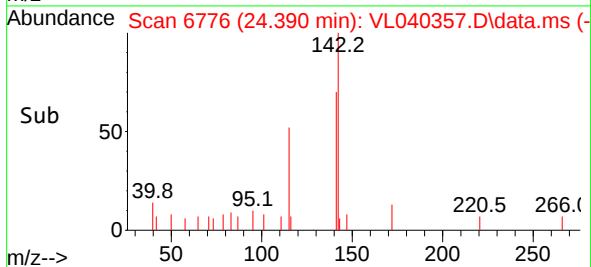
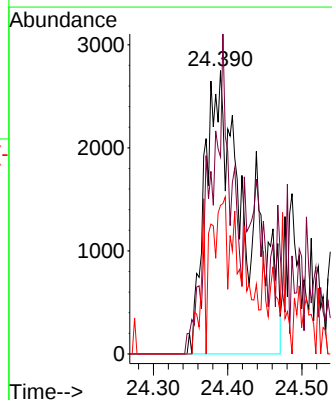
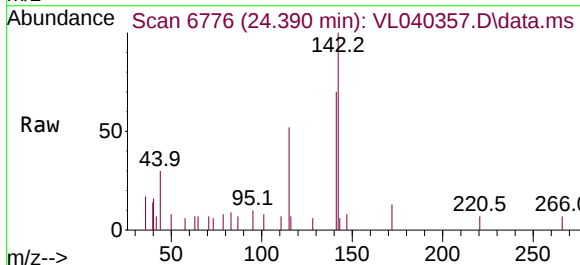
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

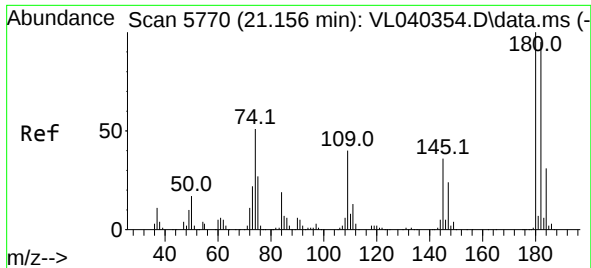
Tgt Ion:128 Resp: 51662
Ion Ratio Lower Upper
128 100
127 16.3 10.0 15.0#
129 7.0 9.4 14.0#



#80
Naphthalene,2-methyl-
Concen: 0.178 ppbv
RT: 24.390 min Scan# 6776
Delta R.T. 0.006 min
Lab File: VL040357.D
Acq: 13 Apr 2023 12:01

Tgt Ion:142 Resp: 10619
Ion Ratio Lower Upper
142 100
141 54.0 65.1 97.7#
115 45.0 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 0.226 ppbv

RT: 21.156 min Scan# 51

Delta R.T. -0.000 min

Lab File: VL040357.D

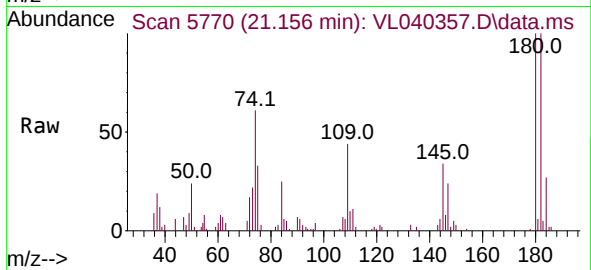
Acq: 13 Apr 2023 12:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5



Tgt Ion:180 Resp: 27876

Ion Ratio Lower Upper

180 100

182 172.2 77.7 116.5#

184 58.2 24.2 36.2#

