

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040757.D
 Acq On : 11 Oct 2023 13:56
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Oct 12 00:26:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	1094363	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	3052709	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2842110	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2118860	10.132	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.758	85	99417	0.516	ppbv	95
3) Chlorodifluoromethane	2.703	51	83763	0.521	ppbv	100
4) Chloromethane	2.838	50	33123	0.522	ppbv	98
5) Vinyl Chloride	2.948	62	31519	0.480	ppbv	95
6) Bromomethane	3.147	94	13121	0.483	ppbv	97
7) Chloroethane	3.221	64	5706	0.267	ppbv #	72
8) Dichlorotetrafluoroethane	2.883	85	76983	0.527	ppbv	99
9) Propene	2.722	41	30266	0.507	ppbv	88
10) Heptane	7.597	43	38068	0.254	ppbv #	27
11) Trichlorofluoromethane	3.587	101	74622	0.502	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.089	101	54776	0.516	ppbv	100
13) Ethanol	3.282	45	3858	0.286	ppbv #	33
14) Bromoethene	3.391	108	21024	0.463	ppbv #	82
15) Acetone	3.507	43	56640	0.501	ppbv #	84
16) 1,3-Butadiene	3.012	39	30941	0.521	ppbv	94
17) tert-Butyl alcohol	3.915	59	64734	0.558	ppbv	94
18) 1,1-Dichloroethene	3.906	96	23924	0.503	ppbv	82
19) Isopropyl Alcohol	3.616	45	23186	0.318	ppbv #	37
20) Methylene Chloride	3.954	84	28685	0.609	ppbv	96
21) Allyl Chloride	4.018	41	37041	0.496	ppbv #	82
22) trans-1,2-Dichloroethene	4.468	96	25956	0.513	ppbv	97
23) Vinyl Acetate	4.655	43	63739	0.442	ppbv #	89
24) 1,1-Dichloroethane	4.584	63	50191	0.462	ppbv	97
25) Ethyl Acetate	5.230	43	131656	0.531	ppbv	97
26) Hexane	5.230	57	60137	0.531	ppbv	94
27) Carbon Disulfide	4.147	76	60331	0.483	ppbv #	77
28) Methyl tert-Butyl Ether	4.616	73	38062	0.432	ppbv #	89
29) Chloroform	5.292	83	83383	0.509	ppbv	100
30) Cyclohexane	6.616	84	30219	0.313	ppbv #	40
31) cis-1,2-Dichloroethene	5.099	61	49041	0.470	ppbv #	89
32) 1,1,1-Trichloroethane	6.021	97	84702	0.485	ppbv	97
34) 2-Butanone	4.816	43	26142	0.189	ppbv #	55
35) Carbon Tetrachloride	6.510	117	82829	0.483	ppbv	93
36) Benzene	6.385	78	115848	0.493	ppbv	95
37) 1,2-Dichloroethane	5.822	62	31728	0.264	ppbv #	80
38) Trichloroethene	7.314	130	18694	0.180	ppbv	89
39) 1,2-Dichloropropane	7.089	63	28379	0.309	ppbv	98
41) Tetrahydrofuran	5.597	42	45060	0.471	ppbv	93
42) Bromodichloromethane	7.266	83	85882	0.477	ppbv	95
43) Methyl Methacrylate	7.491	69	23294	0.248	ppbv #	1
44) 2,2,4-Trimethylpentane	7.340	57	200234	0.504	ppbv	99
45) t-1,3-Dichloropropene	8.722	75	19076	0.255	ppbv	89
46) cis-1,3-Dichloropropene	8.153	75	20171	0.220	ppbv #	91

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Quant Time: Oct 12 00:26:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

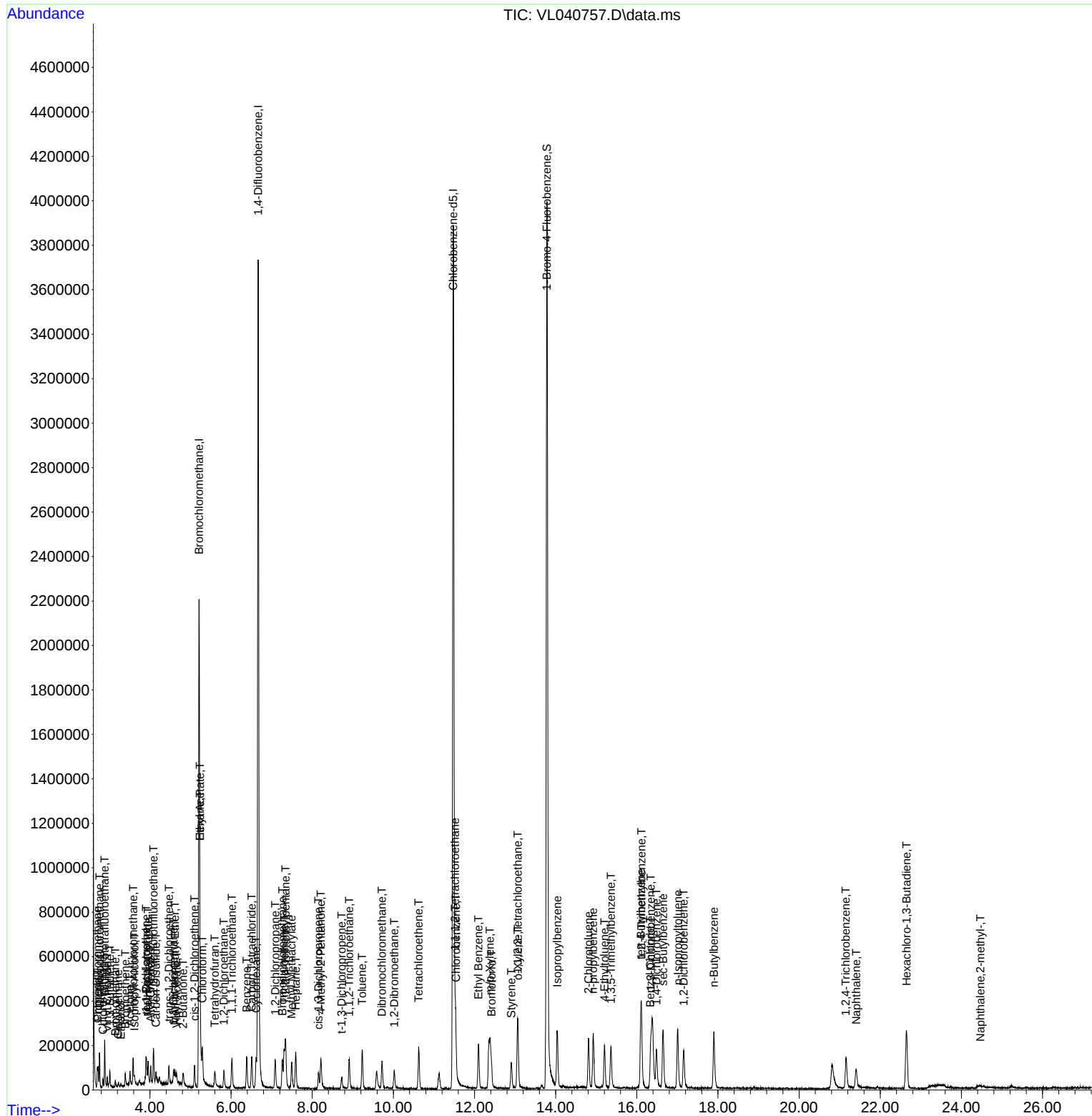
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	8.909	97	49079	0.509	ppbv	97
48) Dibromochloromethane	9.719	129	74279	0.460	ppbv	99
49) Bromoform	12.420	173	54362	0.414	ppbv	91
50) 4-Methyl-2-Pentanone	8.214	43	114001	0.482	ppbv	93
52) Tetrachloroethene	10.622	164	48078	0.504	ppbv	87
53) Toluene	9.230	91	143933	0.515	ppbv	100
54) 1,2-Dibromoethane	10.018	107	33629	0.249	ppbv	88
56) 1,1,1,2-Tetrachloroethane	11.523	131	61414	0.529	ppbv #	1
57) Chlorobenzene	11.542	112	52669	0.259	ppbv	92
58) Ethyl Benzene	12.095	91	100475	0.281	ppbv	96
59) m/p-Xylene	12.378	91	53686	0.182	ppbv #	30
60) o-Xylene	13.073	91	152288	0.543	ppbv	100
61) Styrene	12.905	104	44748	0.288	ppbv #	42
62) Isopropylbenzene	14.040	105	235436	0.545	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.063	83	101599	0.483	ppbv	96
64) n-propylbenzene	14.921	120	24574	0.212	ppbv #	1
65) tert-Butylbenzene	16.101	119	217181	0.558	ppbv	98
66) Benzyl Chloride	16.333	91	3339	0.085	ppbv #	65
67) sec-Butylbenzene	16.648	105	288863	0.542	ppbv	99
69) p-Isopropyltoluene	17.011	119	236219	0.529	ppbv	99
70) n-Butylbenzene	17.899	91	231315	0.527	ppbv	99
71) 2-Chlorotoluene	14.809	91	178303	0.550	ppbv	99
72) 4-Ethyltoluene	15.204	105	166645	0.507	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.362	105	152449	0.527	ppbv	94
74) 1,2,4-Trimethylbenzene	16.114	105	167891	0.531	ppbv #	84
75) 1,3-Dichlorobenzene	16.346	146	92851	0.472	ppbv	88
76) 1,4-Dichlorobenzene	16.484	146	54349	0.279	ppbv #	29
77) 1,2-Dichlorobenzene	17.156	146	63741	0.330	ppbv #	51
78) Hexachloro-1,3-Butadiene	22.648	225	77973	0.565	ppbv	96
79) Naphthalene	21.407	128	60316	0.235	ppbv	97
80) Naphthalene,2-methyl-	24.471	142	4904	0.068	ppbv	93
81) 1,2,4-Trichlorobenzene	21.149	180	15886	0.114	ppbv #	11

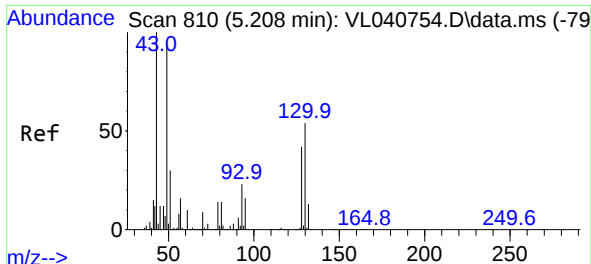
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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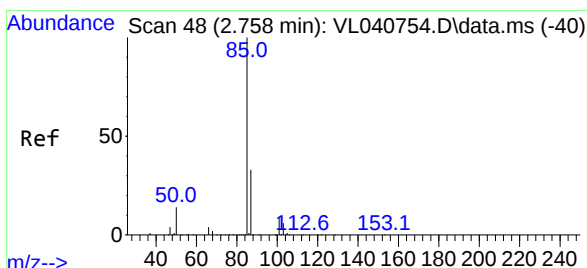
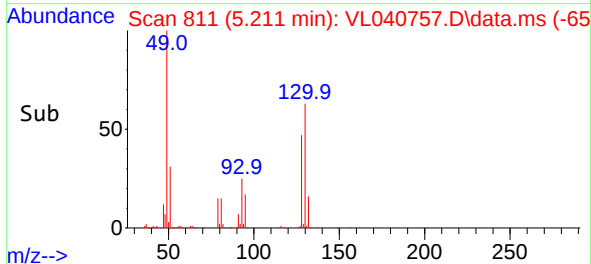
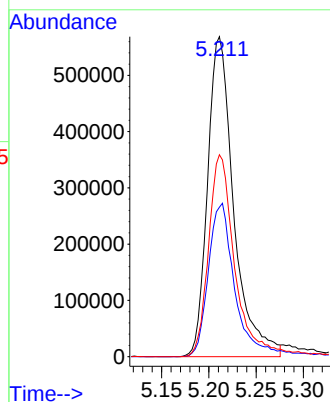
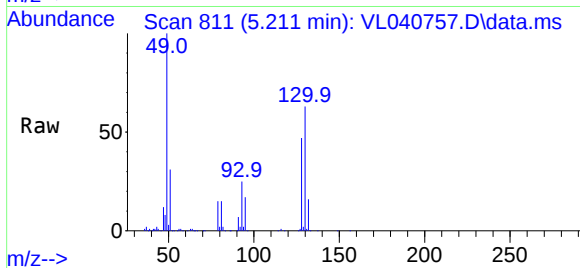




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

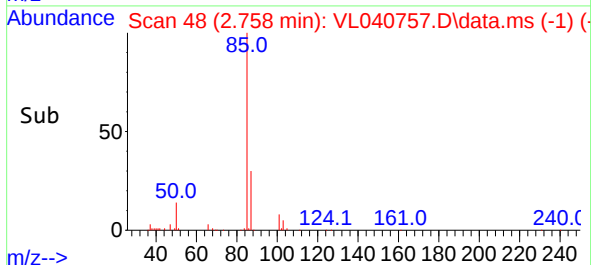
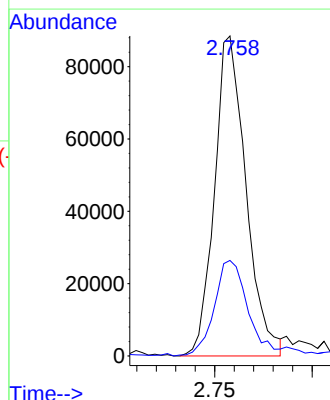
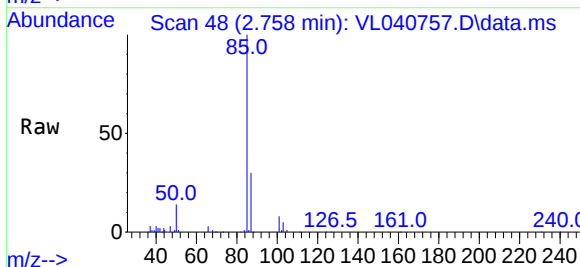
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 49 Resp: 1094363
Ion Ratio Lower Upper
49 100
128 50.3 23.9 71.7
130 64.8 30.7 92.1

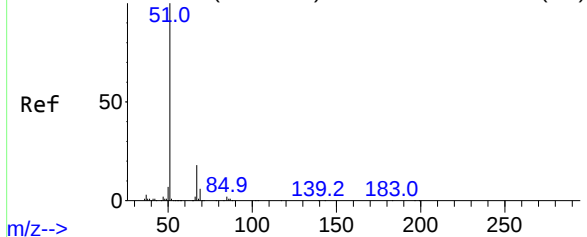


#2
Dichlorodifluoromethane
Concen: 0.516 ppbv
RT: 2.758 min Scan# 48
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion: 85 Resp: 99417
Ion Ratio Lower Upper
85 100
87 29.6 26.0 39.0



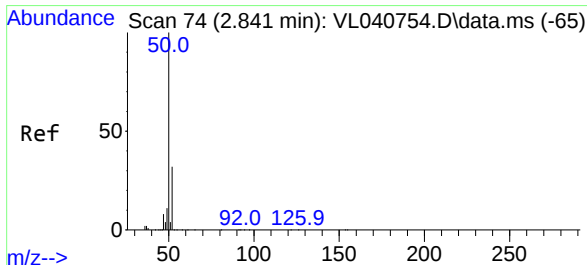
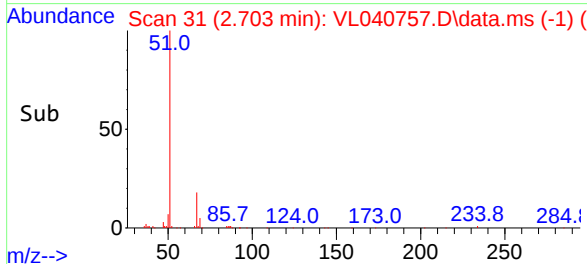
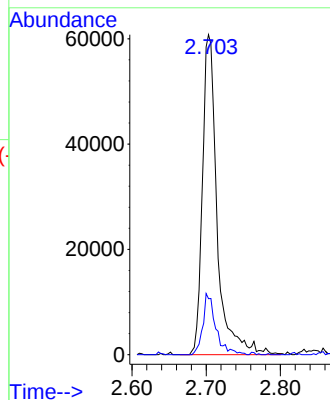
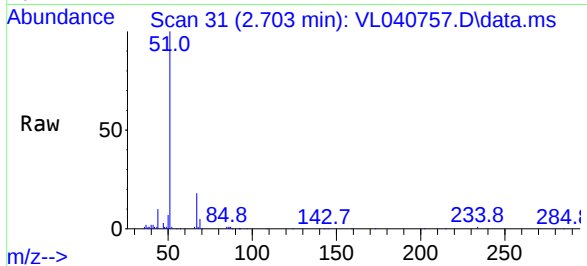
Abundance Scan 31 (2.703 min): VL040754.D\data.ms (-19)



#3
Chlorodifluoromethane
Concen: 0.521 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

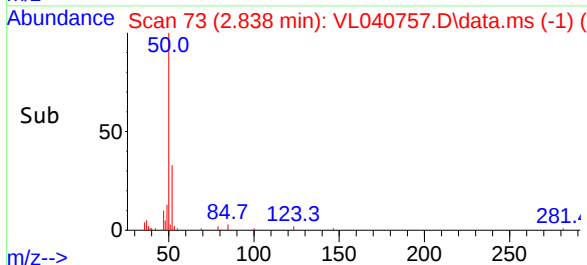
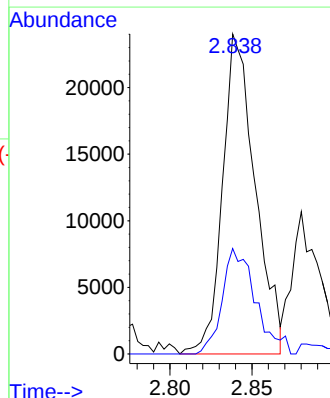
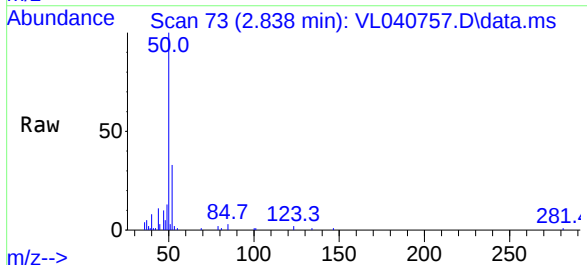
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

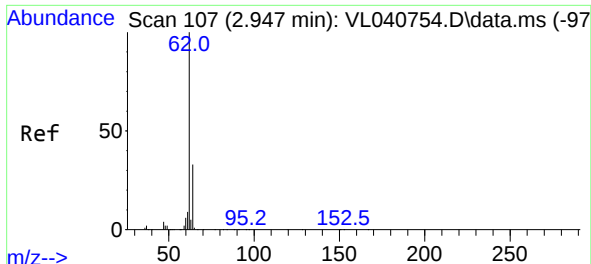
Tgt Ion: 51 Resp: 83763
Ion Ratio Lower Upper
51 100
67 17.2 13.8 20.6



#4
Chloromethane
Concen: 0.522 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.003 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion: 50 Resp: 33123
Ion Ratio Lower Upper
50 100
52 33.0 25.3 37.9

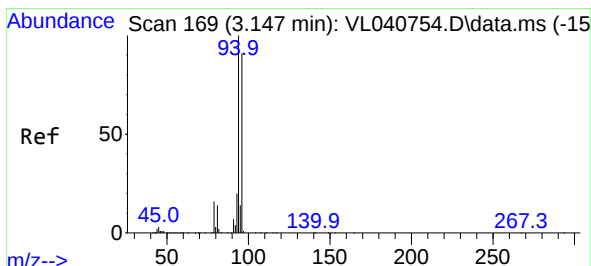
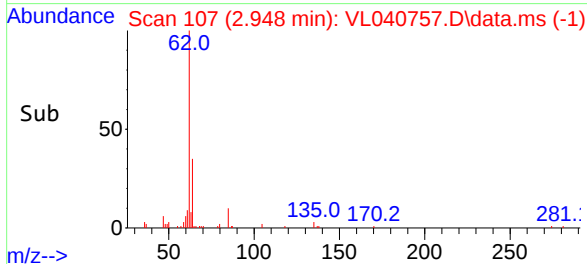
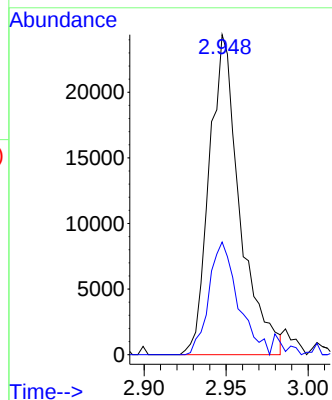
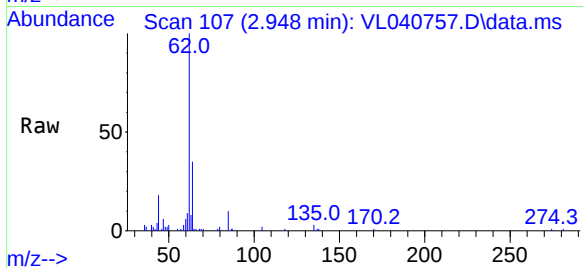




#5
Vinyl Chloride
Concen: 0.480 ppbv
RT: 2.948 min Scan# 107
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

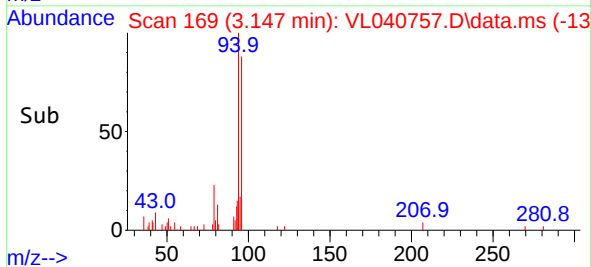
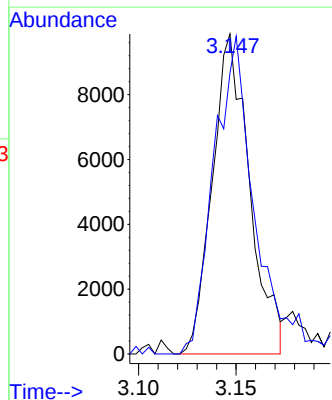
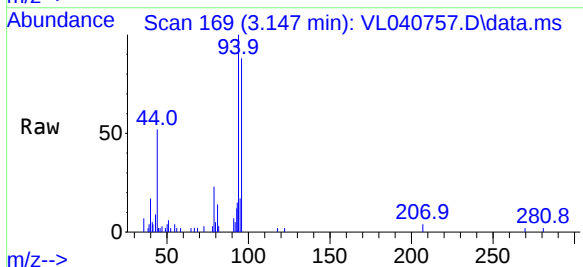
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

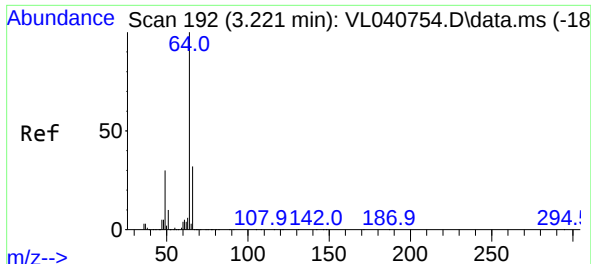
Tgt Ion: 62 Resp: 31519
Ion Ratio Lower Upper
62 100
64 36.2 26.6 39.8



#6
Bromomethane
Concen: 0.483 ppbv
RT: 3.147 min Scan# 169
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion: 94 Resp: 13121
Ion Ratio Lower Upper
94 100
96 87.8 72.6 109.0

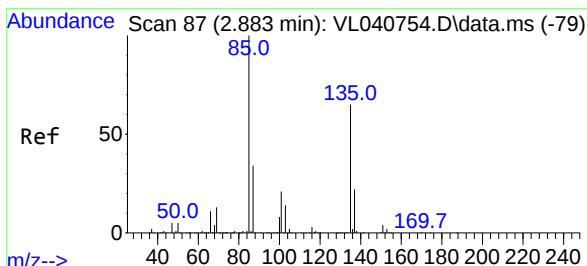
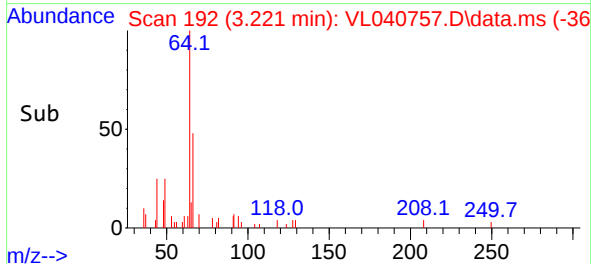
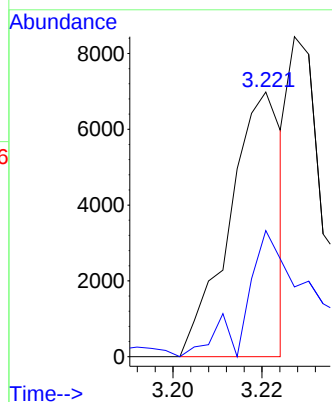
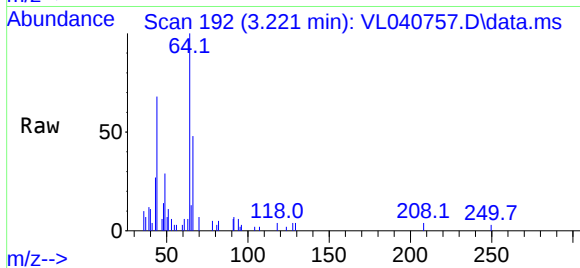




#7
Chloroethane
Concen: 0.267 ppbv
RT: 3.221 min Scan# 192
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

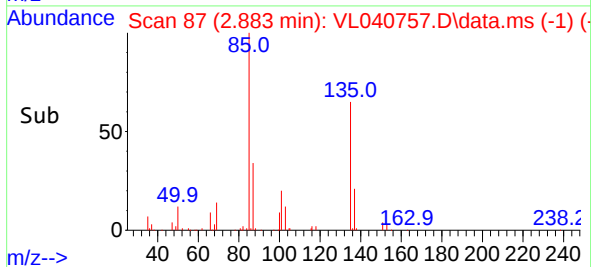
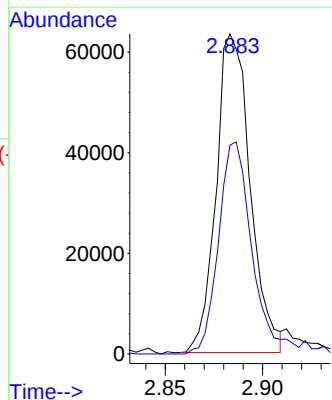
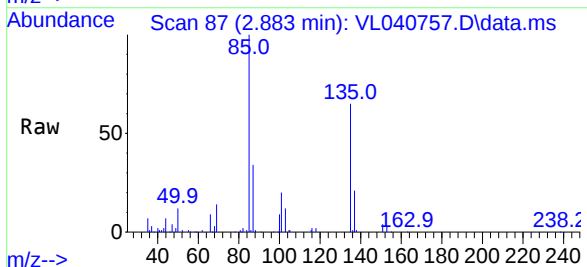
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 5706
Ion Ratio Lower Upper
64 100
66 47.6 25.4 38.2#

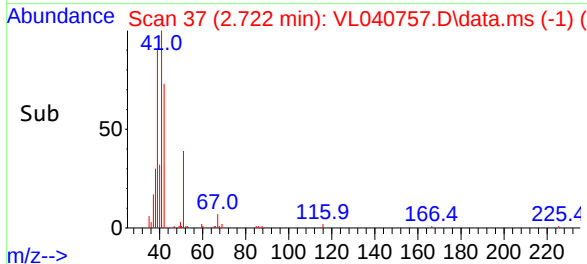
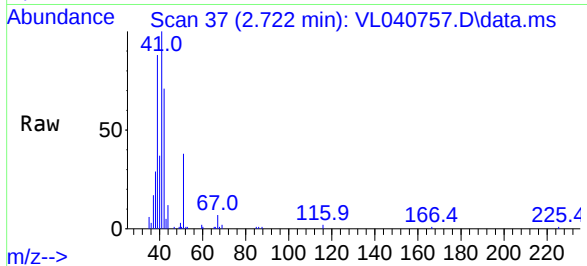
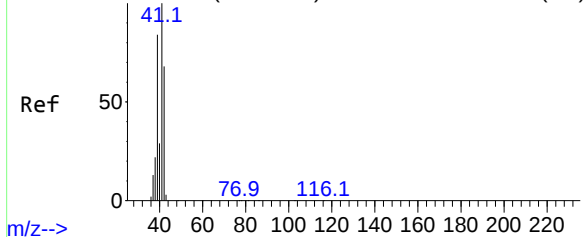


#8
Dichlorotetrafluoroethane
Concen: 0.527 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion: 85 Resp: 76983
Ion Ratio Lower Upper
85 100
135 68.6 55.4 83.2



Abundance Scan 37 (2.722 min): VL040754.D\data.ms (-27)



#9

Propene

Concen: 0.507 ppbv

RT: 2.722 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040757.D

Acq: 11 Oct 2023 13:56

Instrument :

MSVOA_1

ClientSampleId :

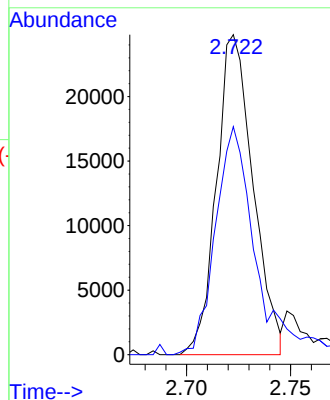
VSTDICC0.5

Tgt Ion: 41 Resp: 30266

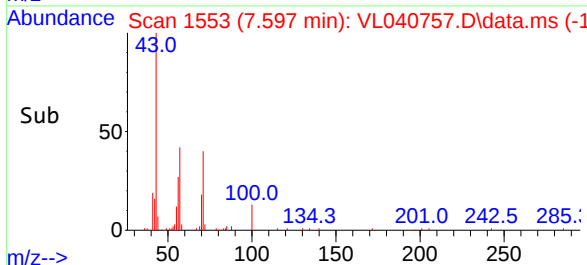
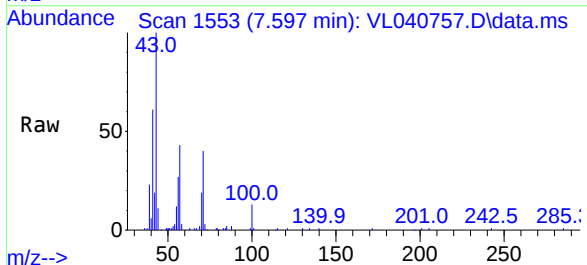
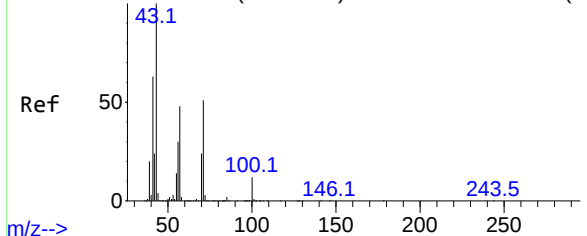
Ion Ratio Lower Upper

41 100

42 81.2 57.1 85.7



Abundance Scan 1551 (7.590 min): VL040754.D\data.ms (-1)



#10

Heptane

Concen: 0.254 ppbv

RT: 7.597 min Scan# 1553

Delta R.T. 0.007 min

Lab File: VL040757.D

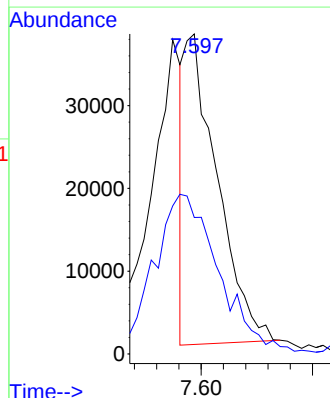
Acq: 11 Oct 2023 13:56

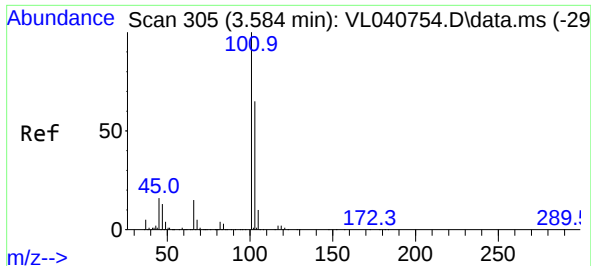
Tgt Ion: 43 Resp: 38068

Ion Ratio Lower Upper

43 100

57 0.0 40.0 60.0#

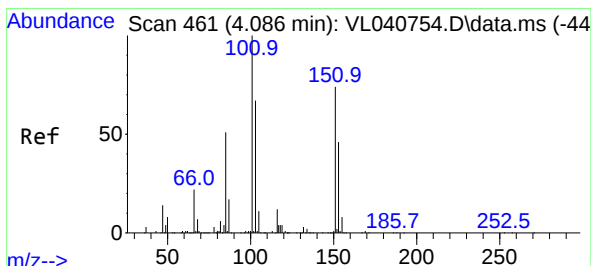
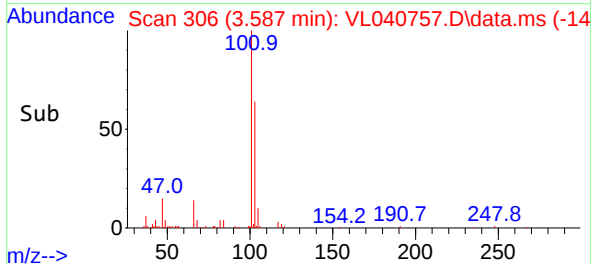
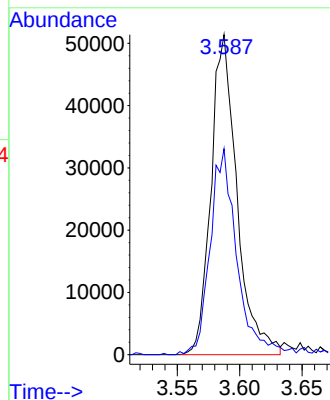
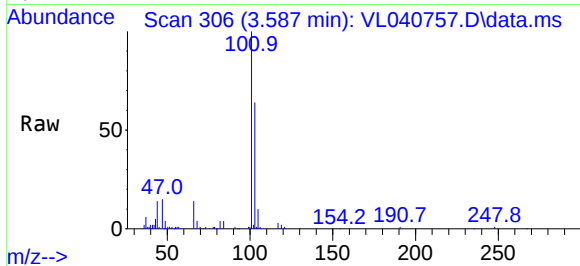




#11
Trichlorofluoromethane
Concen: 0.502 ppbv
RT: 3.587 min Scan# 305
Delta R.T. 0.003 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

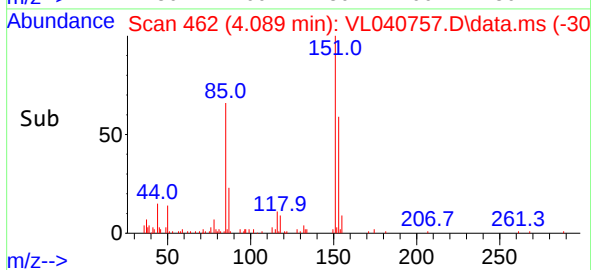
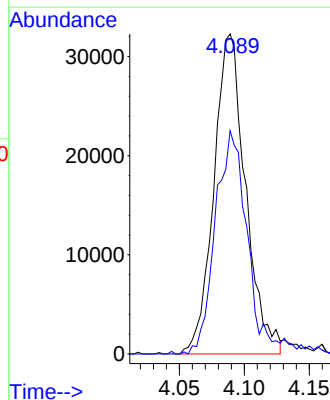
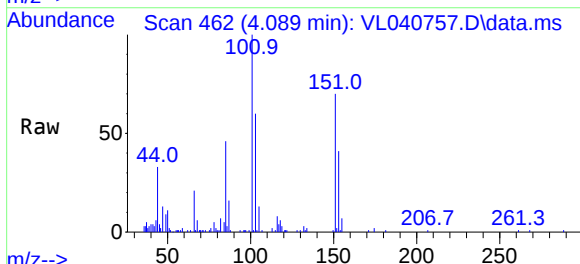
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

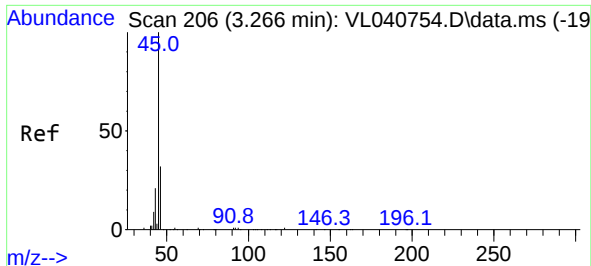
Tgt Ion:101 Resp: 74622
Ion Ratio Lower Upper
101 100
103 63.4 52.2 78.2



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.516 ppbv
RT: 4.089 min Scan# 462
Delta R.T. 0.003 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion:101 Resp: 54776
Ion Ratio Lower Upper
101 100
151 72.6 58.1 87.1

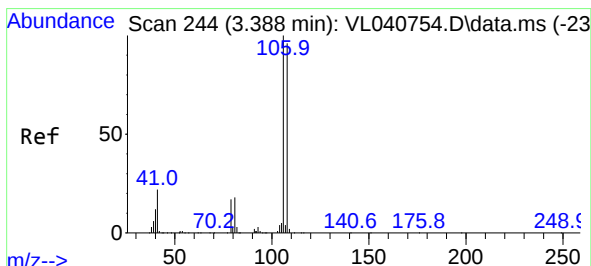
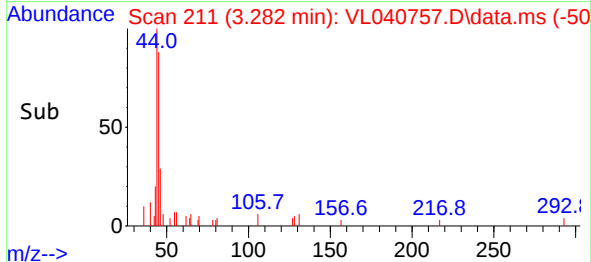
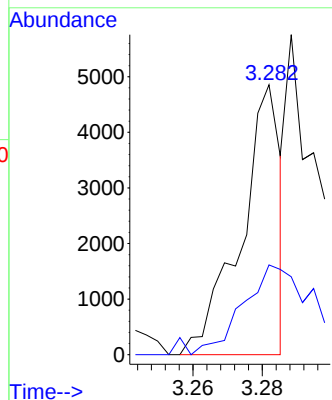
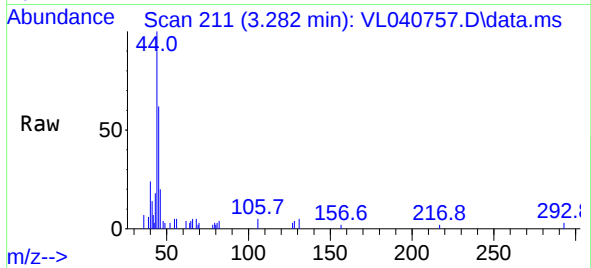




#13
Ethanol
Concen: 0.286 ppbv
RT: 3.282 min Scan# 211
Delta R.T. 0.016 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

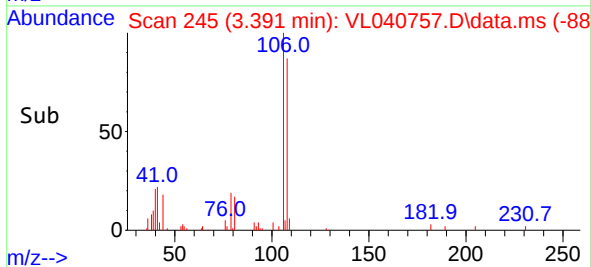
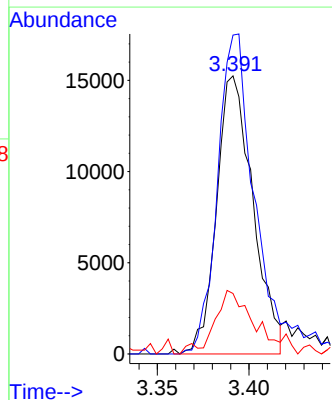
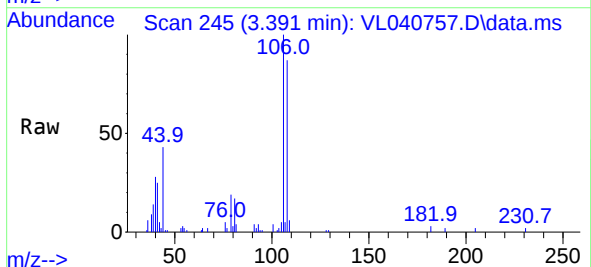
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

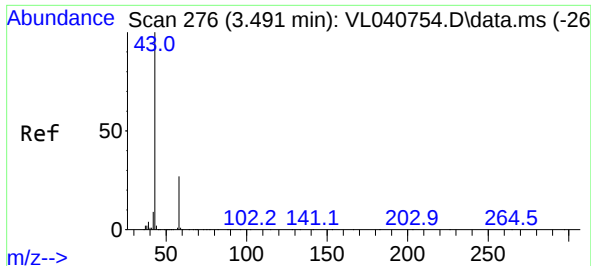
Tgt Ion: 45 Resp: 3858
Ion Ratio Lower Upper
45 100
46 75.8 14.6 58.2#



#14
Bromoethene
Concen: 0.463 ppbv
RT: 3.391 min Scan# 245
Delta R.T. 0.003 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion: 108 Resp: 21024
Ion Ratio Lower Upper
108 100
106 126.1 85.2 127.8
79 26.5 15.7 23.5#

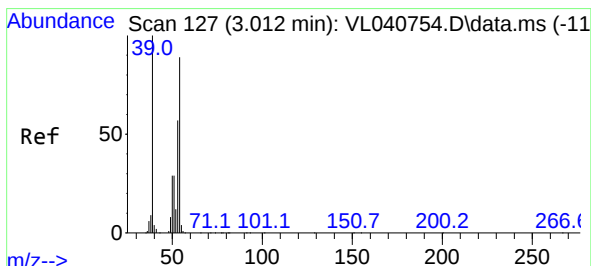
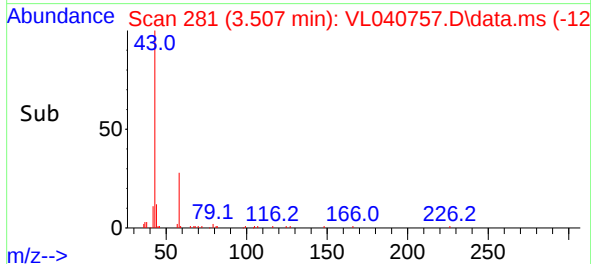
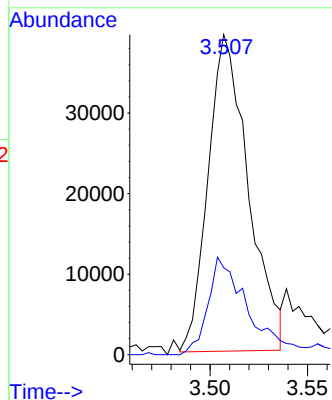
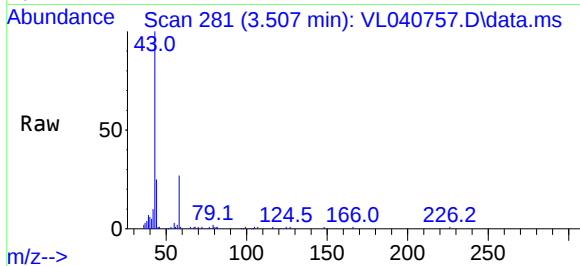




#15
Acetone
Concen: 0.501 ppbv
RT: 3.507 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

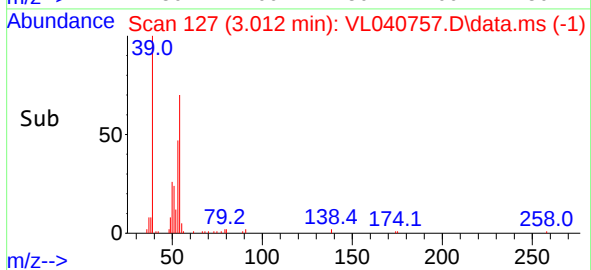
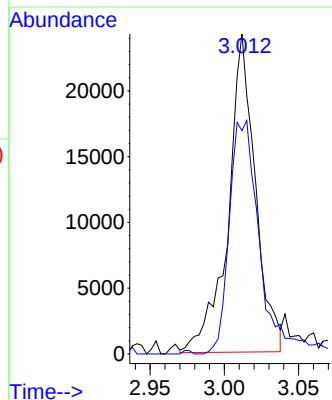
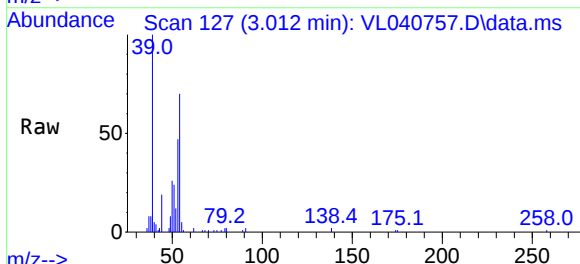
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

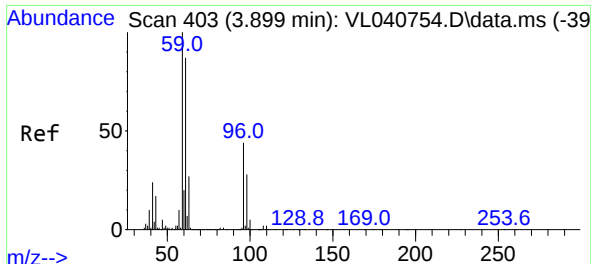
Tgt Ion: 43 Resp: 56640
Ion Ratio Lower Upper
43 100
58 35.0 21.6 32.4#



#16
1,3-Butadiene
Concen: 0.521 ppbv
RT: 3.012 min Scan# 127
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion: 39 Resp: 30941
Ion Ratio Lower Upper
39 100
54 84.1 63.0 94.6





#17

tert-Butyl alcohol

Concen: 0.558 ppbv

RT: 3.915 min Scan# 408

Delta R.T. 0.016 min

Lab File: VL040757.D

Acq: 11 Oct 2023 13:56

Instrument :

MSVOA_L

ClientSampleId :

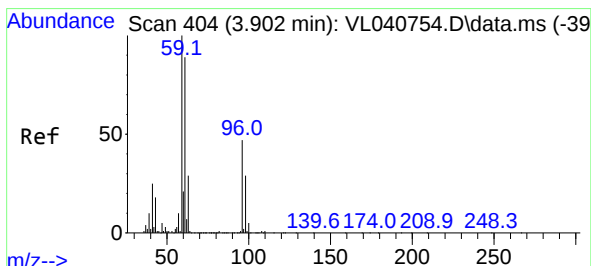
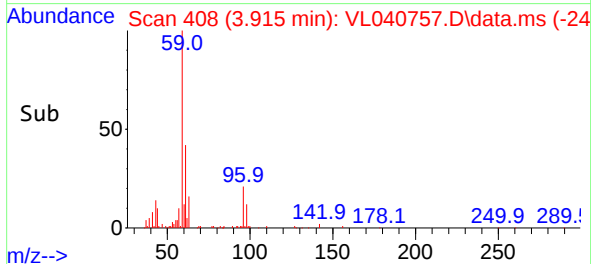
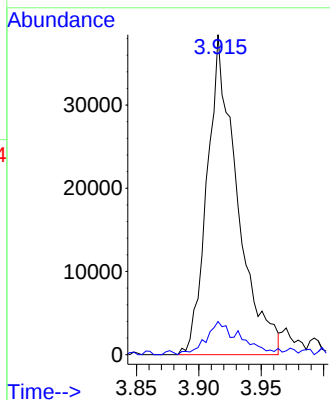
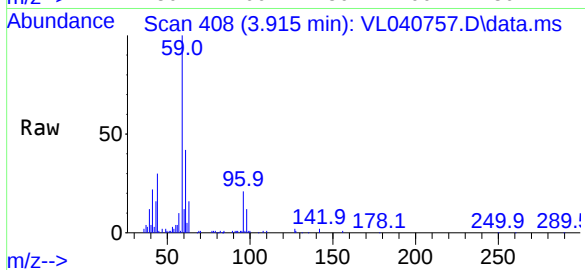
VSTDICC0.5

Tgt Ion: 59 Resp: 64734

Ion Ratio Lower Upper

59 100

57 12.9 8.6 13.0



#18

1,1-Dichloroethene

Concen: 0.503 ppbv

RT: 3.906 min Scan# 405

Delta R.T. 0.003 min

Lab File: VL040757.D

Acq: 11 Oct 2023 13:56

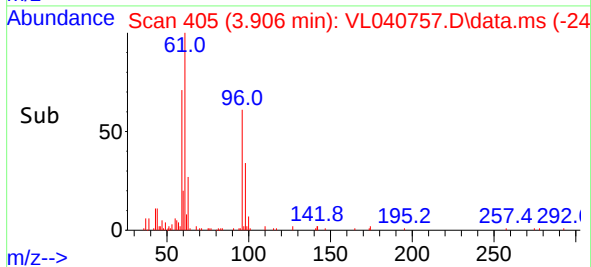
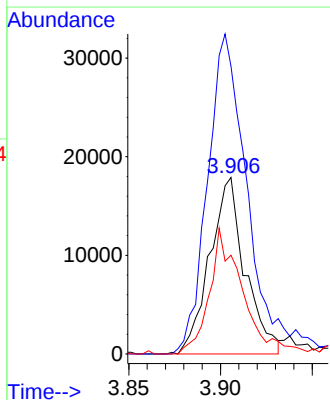
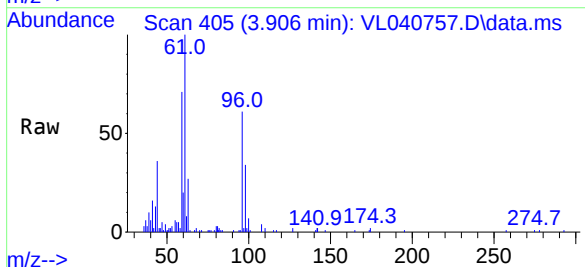
Tgt Ion: 96 Resp: 23924

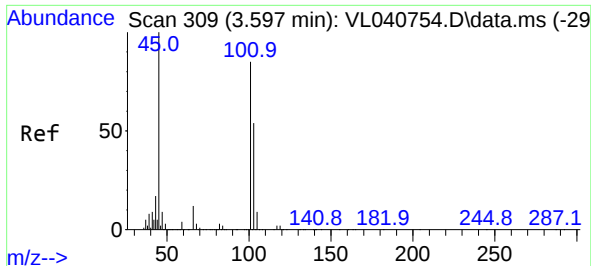
Ion Ratio Lower Upper

96 100

61 160.2 152.5 228.7

98 55.9 49.6 74.4





#19

Isopropyl Alcohol

Concen: 0.318 ppbv

RT: 3.616 min Scan# 315

Delta R.T. 0.019 min

Lab File: VL040757.D

Acq: 11 Oct 2023 13:56

Instrument :

MSVOA_L

ClientSampleId :

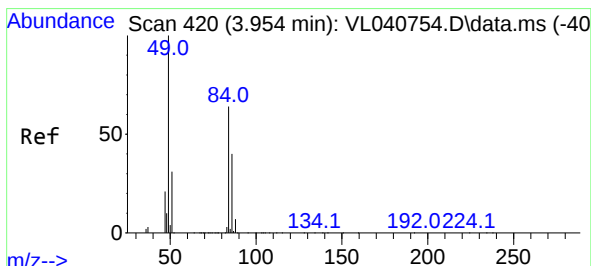
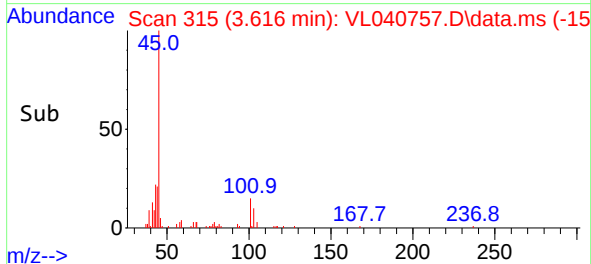
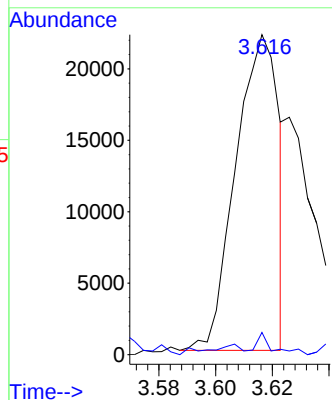
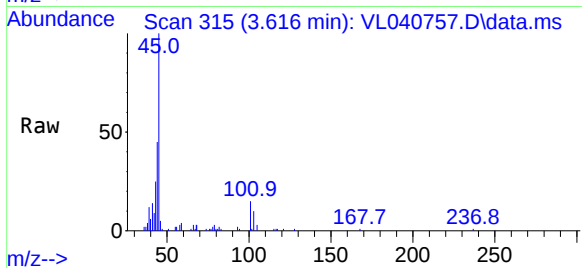
VSTDIC0.5

Tgt Ion: 45 Resp: 23186

Ion Ratio Lower Upper

45 100

58 0.0 30.3 45.5#



#20

Methylene Chloride

Concen: 0.609 ppbv

RT: 3.954 min Scan# 420

Delta R.T. 0.000 min

Lab File: VL040757.D

Acq: 11 Oct 2023 13:56

Tgt Ion: 84 Resp: 28685

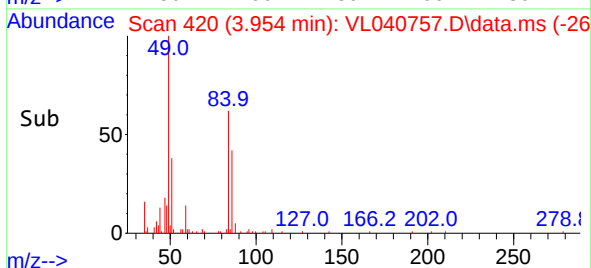
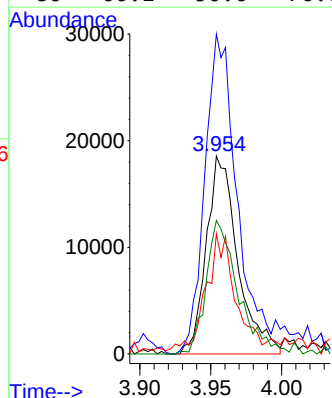
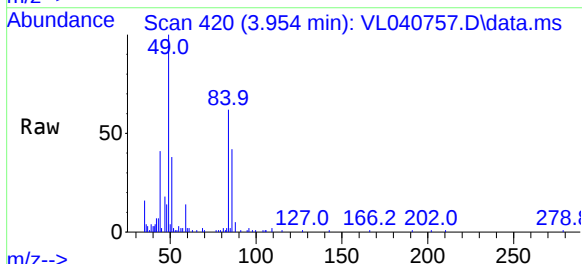
Ion Ratio Lower Upper

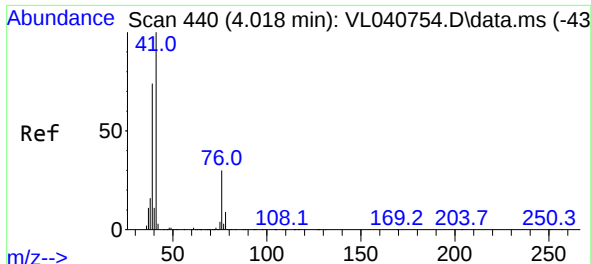
84 100

49 160.0 125.6 188.4

51 56.0 38.9 58.3

86 66.1 50.6 76.0

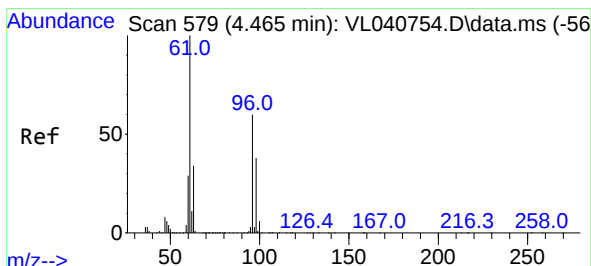
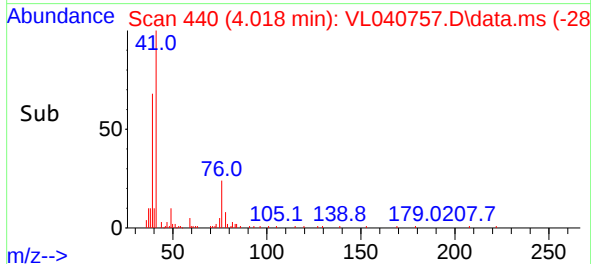
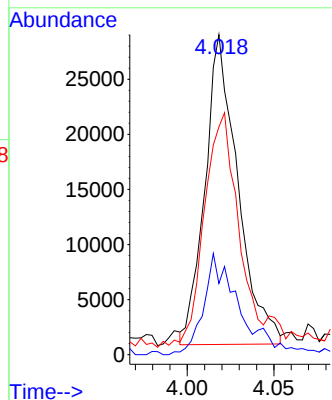
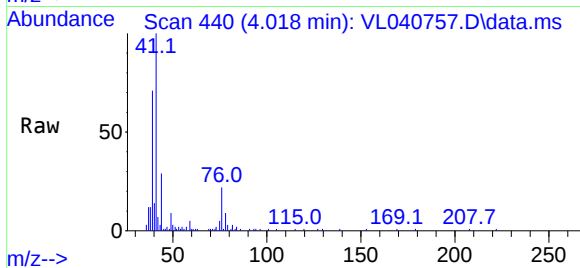




#21
 Allyl Chloride
 Concen: 0.496 ppbv
 RT: 4.018 min Scan# 440
 Delta R.T. 0.000 min
 Lab File: VL040757.D
 Acq: 11 Oct 2023 13:56

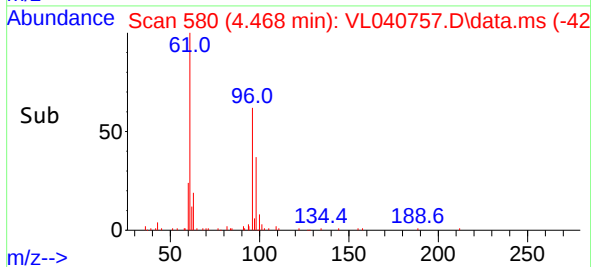
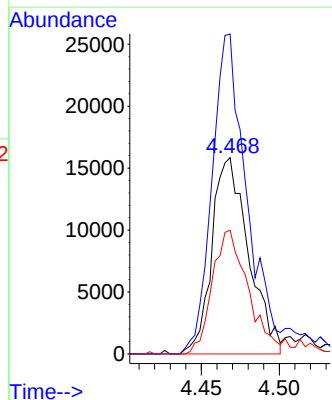
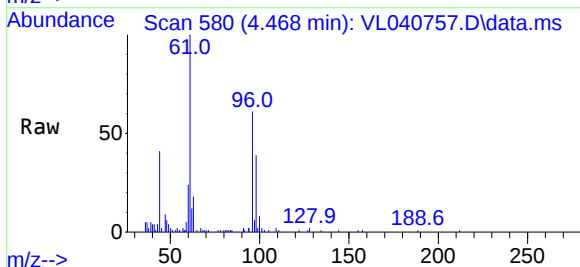
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

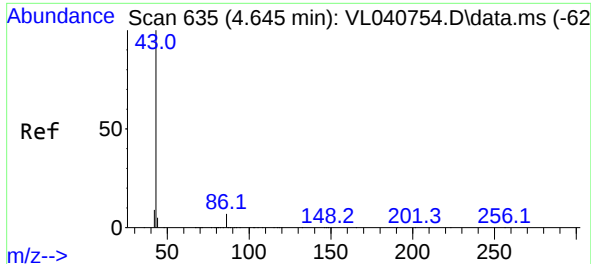
Tgt Ion: 41 Resp: 37041
 Ion Ratio Lower Upper
 41 100
 76 37.4 24.1 36.1#
 39 97.0 63.8 95.6#



#22
 trans-1,2-Dichloroethene
 Concen: 0.513 ppbv
 RT: 4.468 min Scan# 580
 Delta R.T. 0.003 min
 Lab File: VL040757.D
 Acq: 11 Oct 2023 13:56

Tgt Ion: 96 Resp: 25956
 Ion Ratio Lower Upper
 96 100
 61 163.0 134.0 201.0
 98 63.0 51.0 76.4





#23

Vinyl Acetate

Concen: 0.442 ppbv

RT: 4.655 min Scan# 61

Delta R.T. 0.010 min

Lab File: VL040757.D

Acq: 11 Oct 2023 13:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 43 Resp: 63739

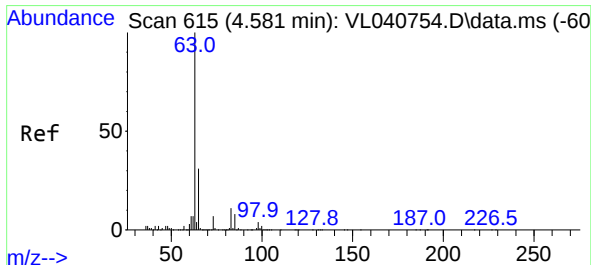
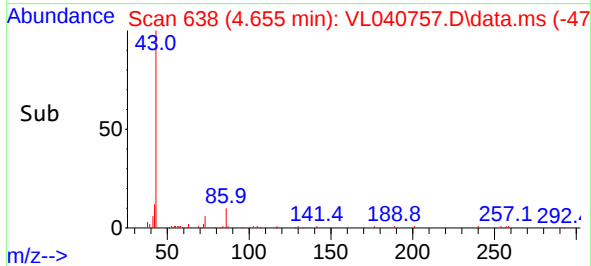
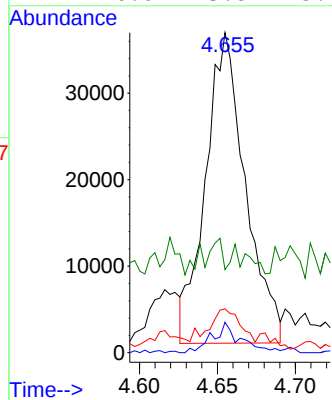
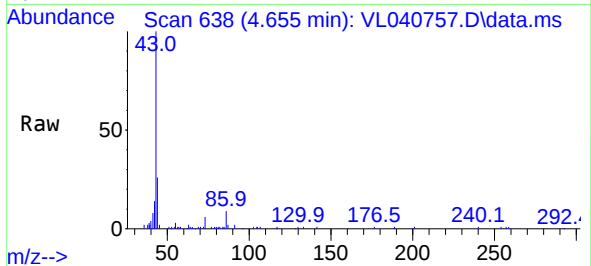
Ion Ratio Lower Upper

43 100

86 10.5 4.9 7.3#

42 12.7 7.8 11.6#

44 0.0 3.8 5.6#



#24

1,1-Dichloroethane

Concen: 0.462 ppbv

RT: 4.584 min Scan# 616

Delta R.T. 0.003 min

Lab File: VL040757.D

Acq: 11 Oct 2023 13:56

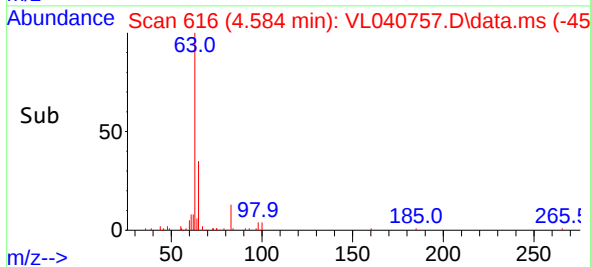
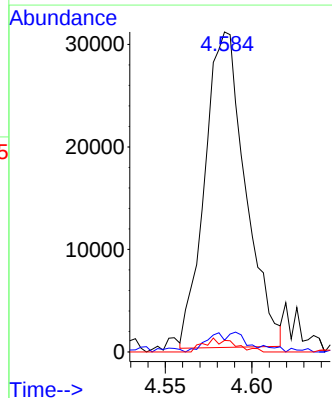
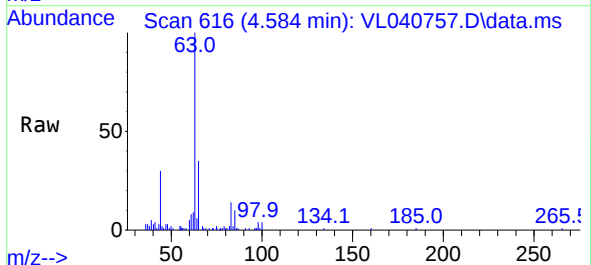
Tgt Ion: 63 Resp: 50191

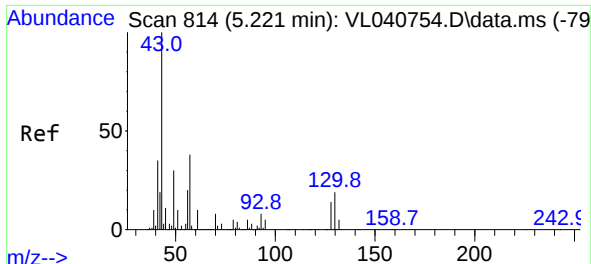
Ion Ratio Lower Upper

63 100

98 2.9 2.0 5.8

100 3.7 1.3 3.8



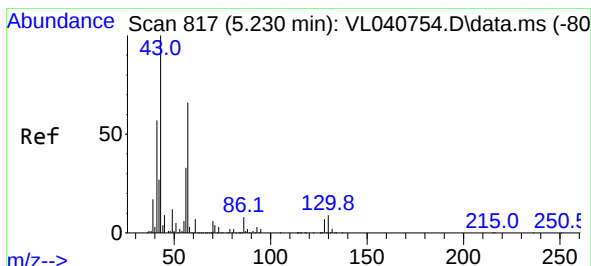
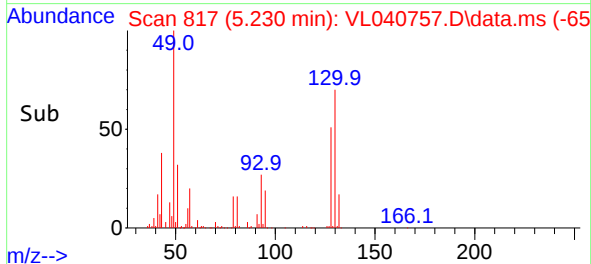
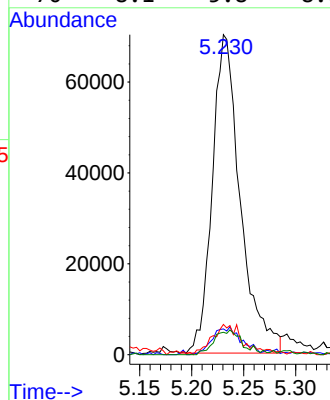
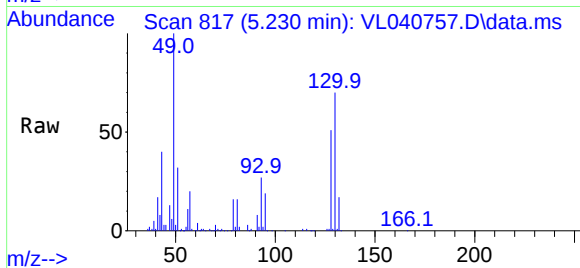


#25
Ethyl Acetate
Concen: 0.531 ppbv
RT: 5.230 min Scan# 814
Delta R.T. 0.010 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 131656

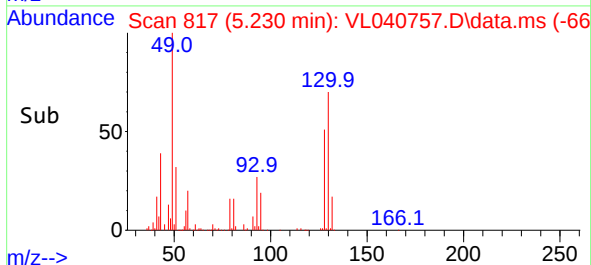
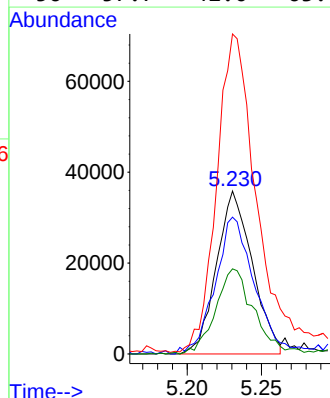
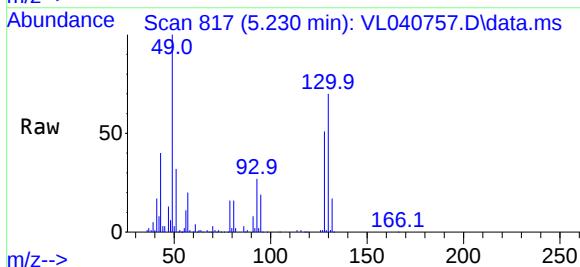
Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.2	12.4
61	11.7	8.2	12.2
70	8.1	5.8	8.6

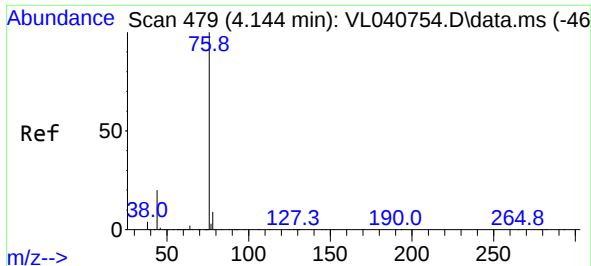


#26
Hexane
Concen: 0.531 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion: 57 Resp: 60137

Ion	Ratio	Lower	Upper
57	100		
41	97.4	71.4	107.2
43	234.4	182.3	273.5
56	57.7	42.0	63.0

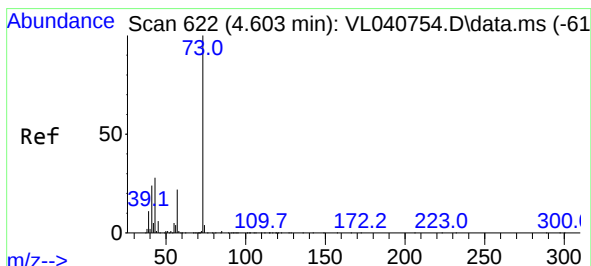
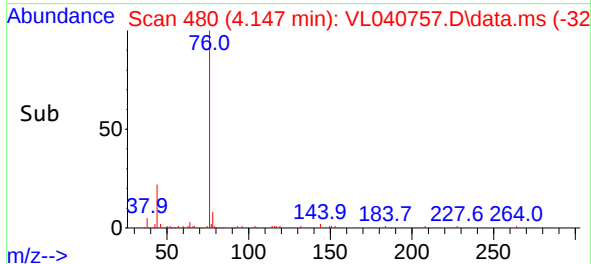
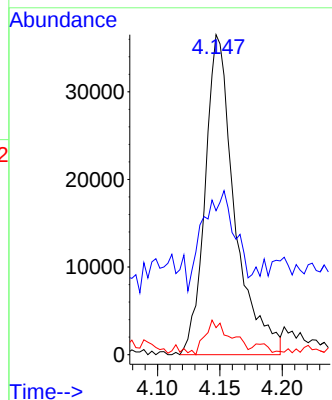
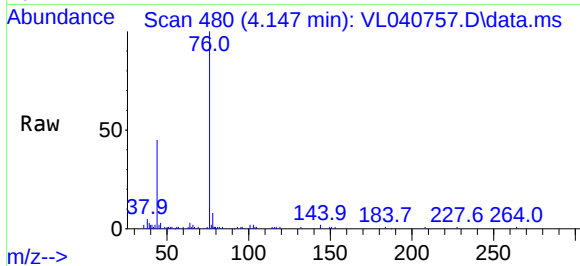




#27
Carbon Disulfide
Concen: 0.483 ppbv
RT: 4.147 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

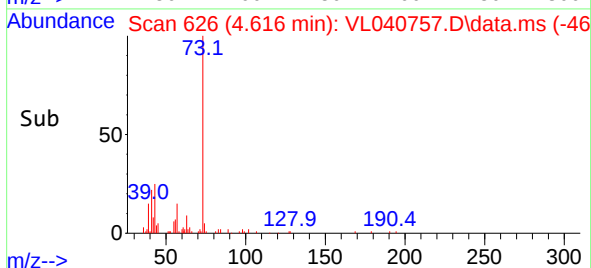
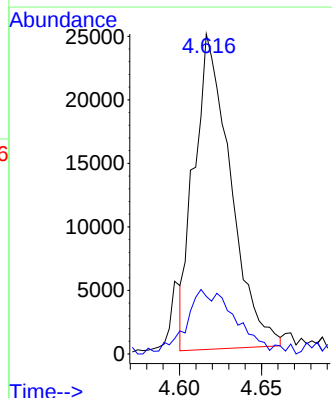
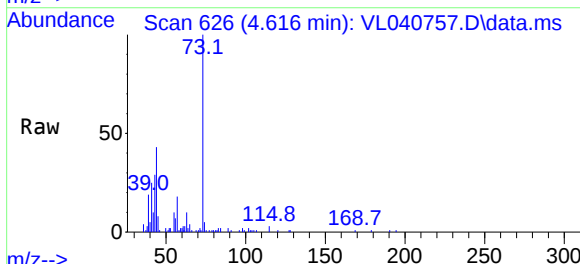
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

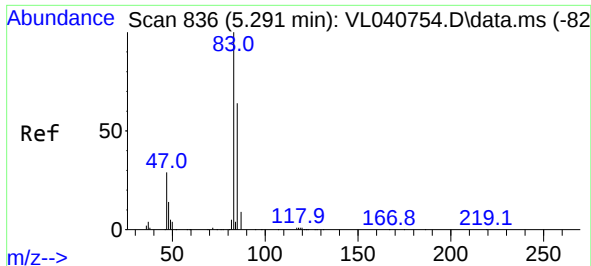
Tgt Ion: 76 Resp: 60331
Ion Ratio Lower Upper
76 100
44 34.6 16.6 25.0#
78 13.0 7.8 11.6#



#28
Methyl tert-Butyl Ether
Concen: 0.432 ppbv
RT: 4.616 min Scan# 626
Delta R.T. 0.013 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion: 73 Resp: 38062
Ion Ratio Lower Upper
73 100
57 28.9 18.9 28.3#

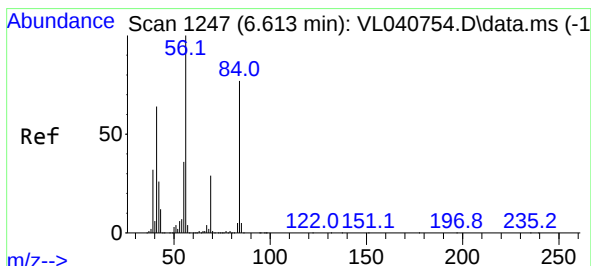
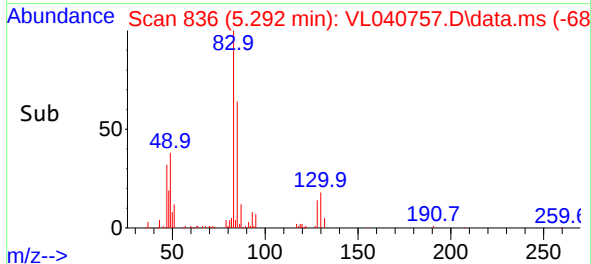
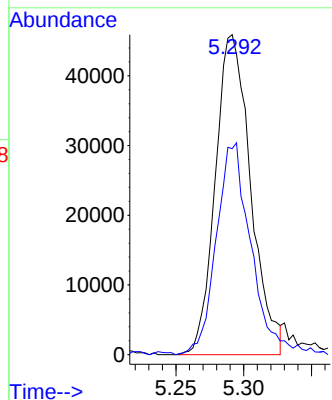
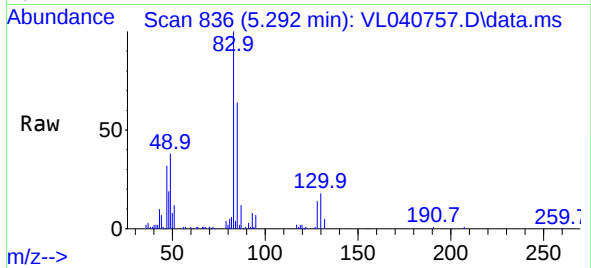




#29
Chloroform
Concen: 0.509 ppbv
RT: 5.292 min Scan# 836
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

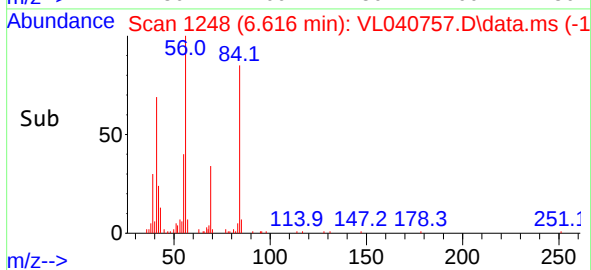
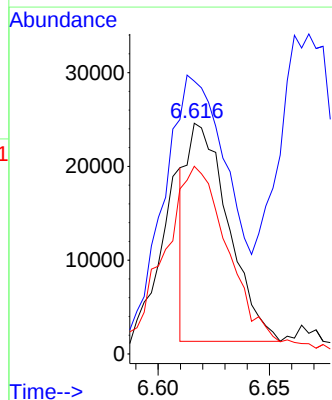
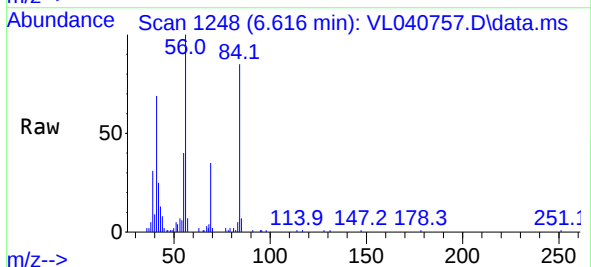
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.5

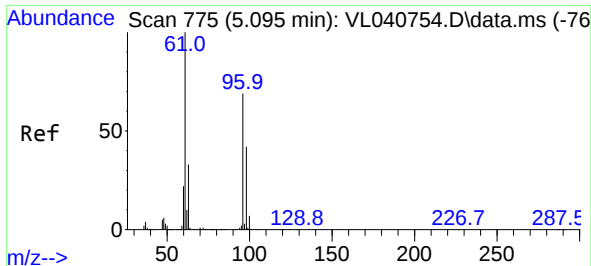
Tgt Ion: 83 Resp: 83383
Ion Ratio Lower Upper
83 100
85 64.0 51.3 76.9



#30
Cyclohexane
Concen: 0.313 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion: 84 Resp: 30219
Ion Ratio Lower Upper
84 100
56 201.9 110.3 165.5#
41 149.3 67.4 101.2#

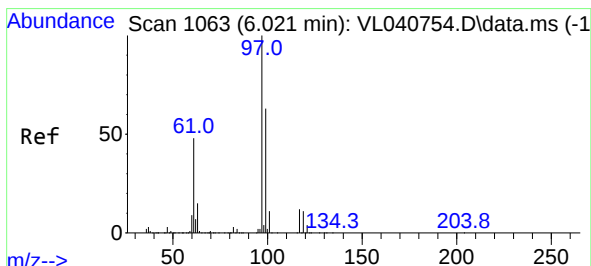
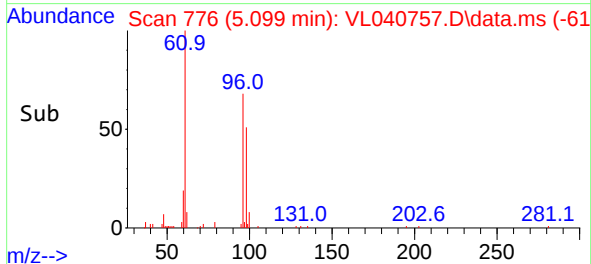
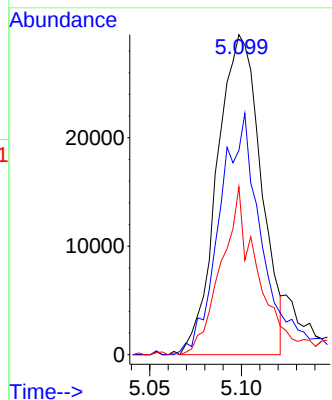
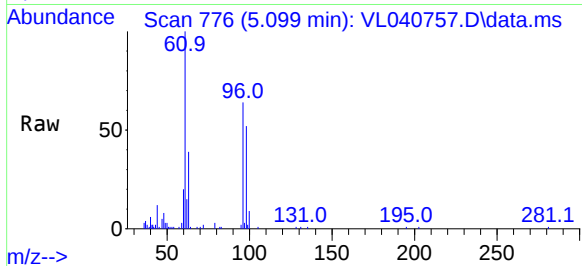




#31
cis-1,2-Dichloroethene
Concen: 0.470 ppbv
RT: 5.099 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

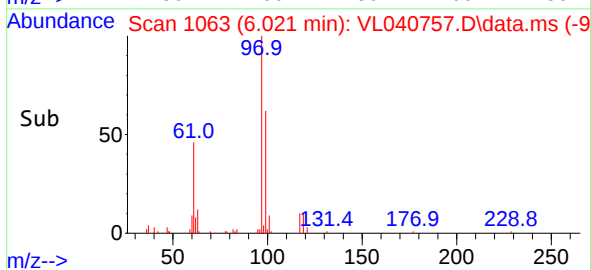
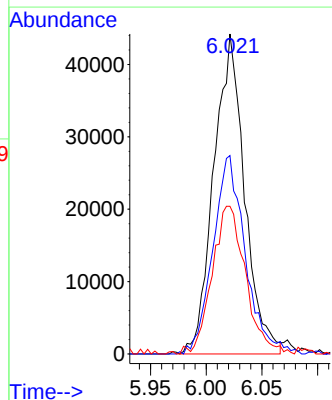
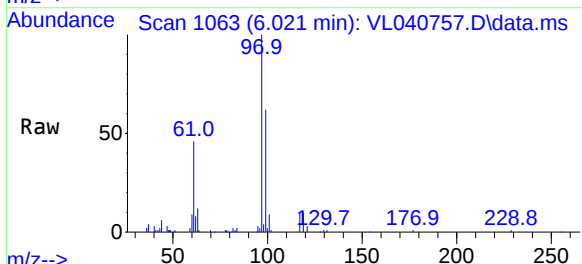
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

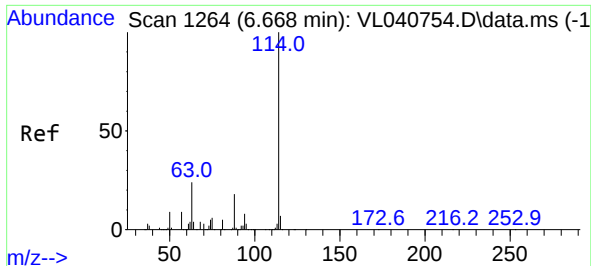
Tgt Ion: 61 Resp: 49041
Ion Ratio Lower Upper
61 100
96 62.8 55.1 82.7
98 52.5 33.5 50.3#



#32
1,1,1-Trichloroethane
Concen: 0.485 ppbv
RT: 6.021 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion: 97 Resp: 84702
Ion Ratio Lower Upper
97 100
99 65.7 51.8 77.6
61 51.2 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040757.D

Acq: 11 Oct 2023 13:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

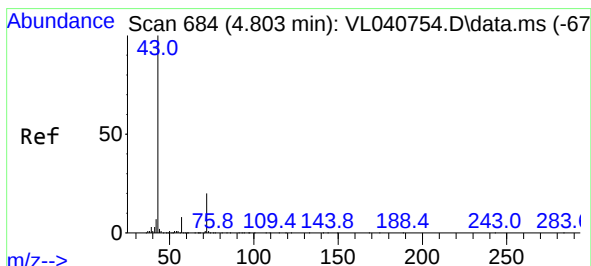
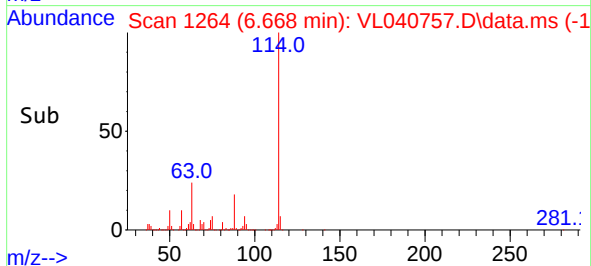
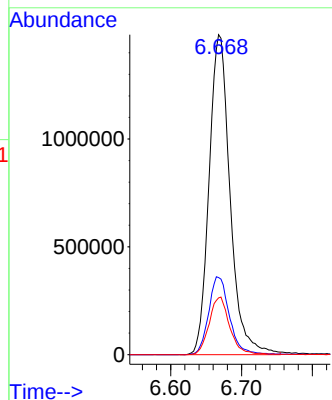
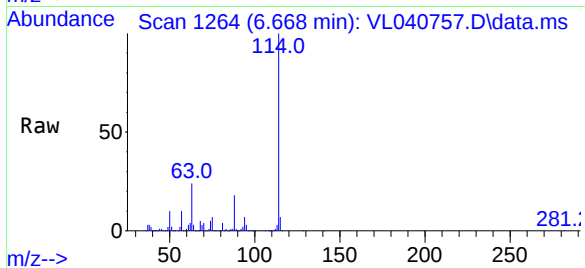
Tgt Ion:114 Resp: 3052709

Ion Ratio Lower Upper

114 100

63 24.3 19.8 29.6

88 17.7 14.2 21.2



#34

2-Butanone

Concen: 0.189 ppbv

RT: 4.816 min Scan# 688

Delta R.T. 0.013 min

Lab File: VL040757.D

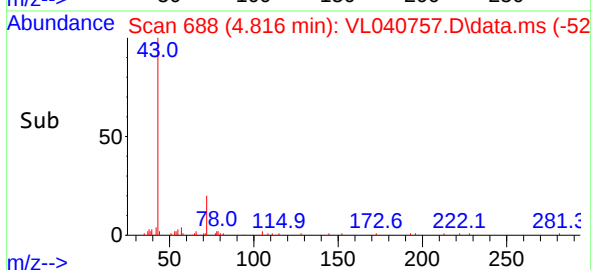
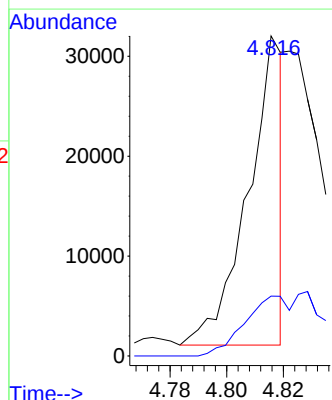
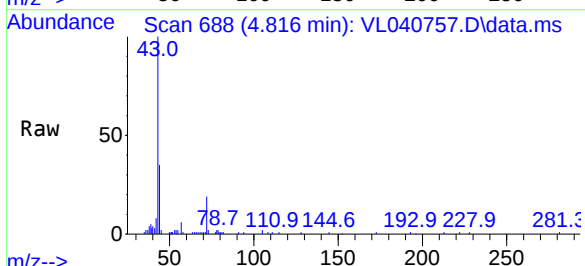
Acq: 11 Oct 2023 13:56

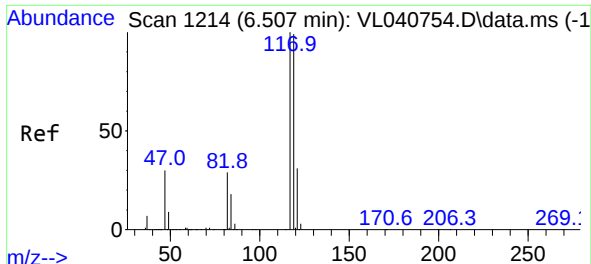
Tgt Ion: 43 Resp: 26142

Ion Ratio Lower Upper

43 100

72 0.0 16.8 25.2#

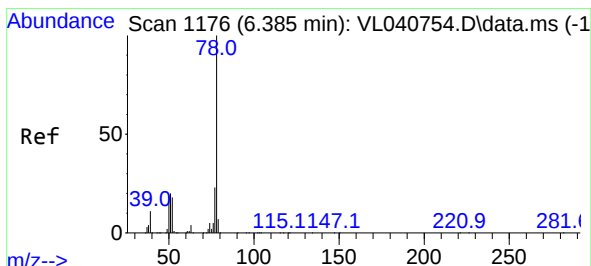
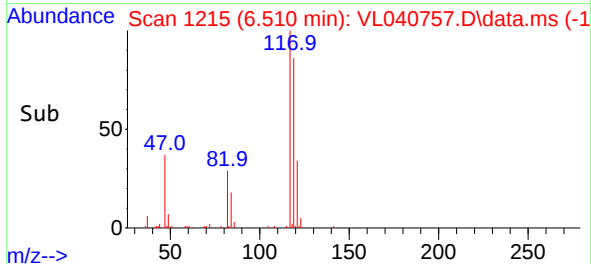
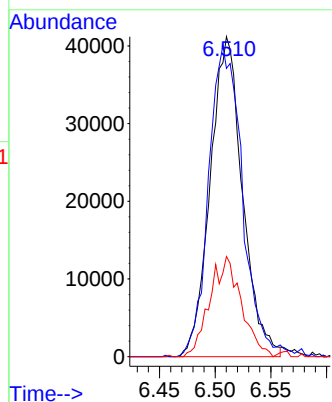
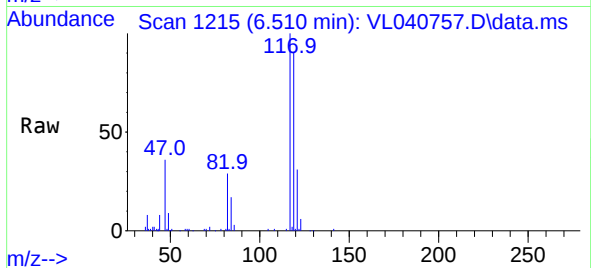




#35
Carbon Tetrachloride
Concen: 0.483 ppbv
RT: 6.510 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

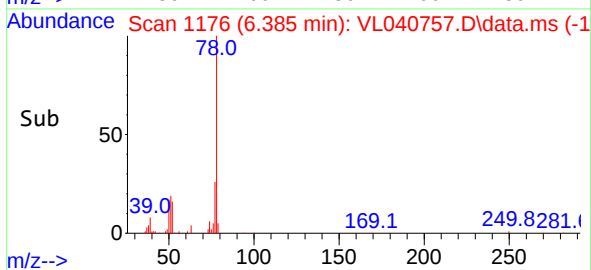
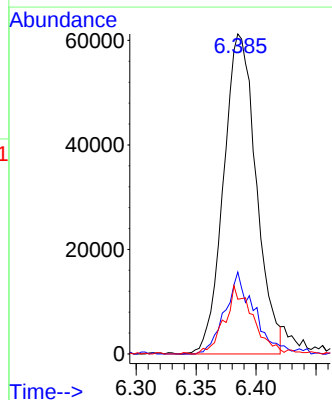
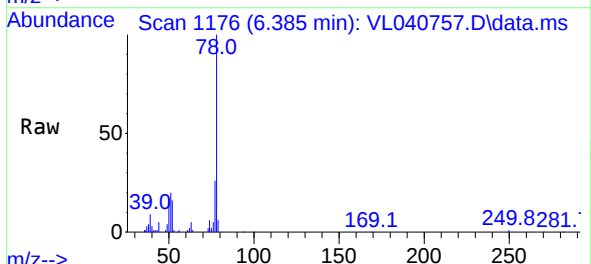
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

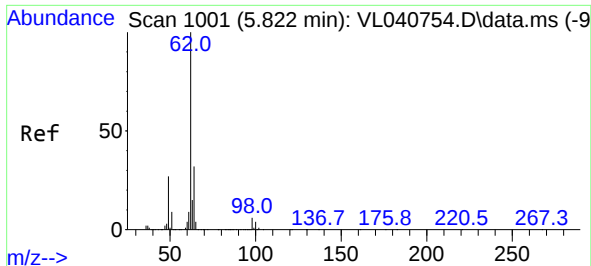
Tgt Ion:117 Resp: 82829
Ion Ratio Lower Upper
117 100
119 89.6 79.4 119.0
121 31.3 25.0 37.4



#36
Benzene
Concen: 0.493 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion: 78 Resp: 115848
Ion Ratio Lower Upper
78 100
77 25.6 18.4 27.6
50 17.1 15.0 22.4

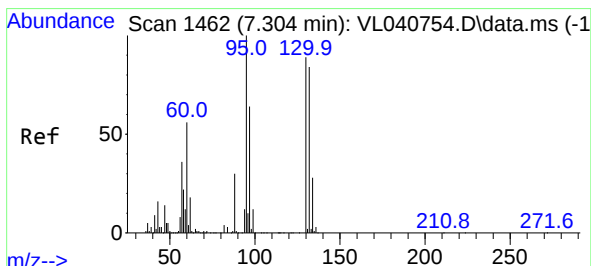
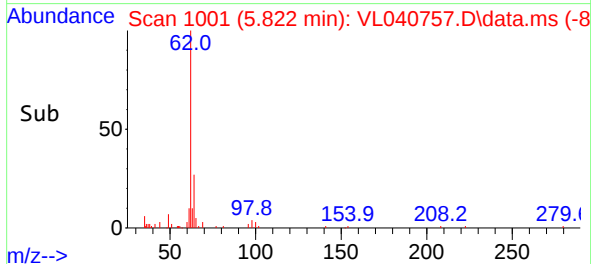
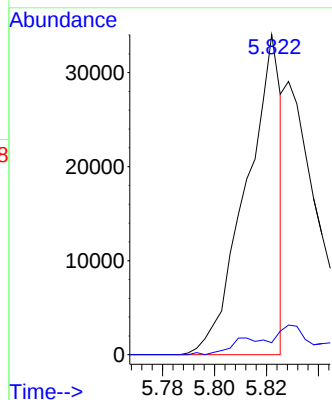
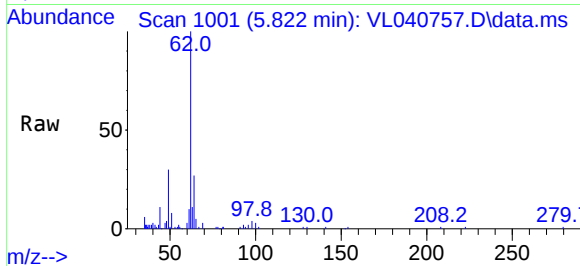




#37
1,2-Dichloroethane
Concen: 0.264 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

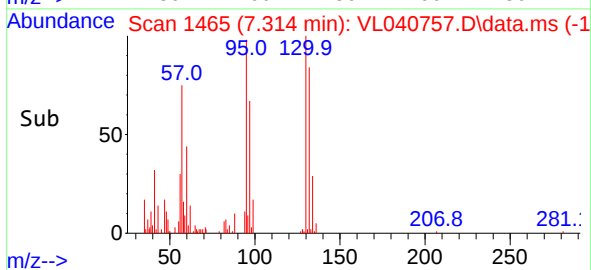
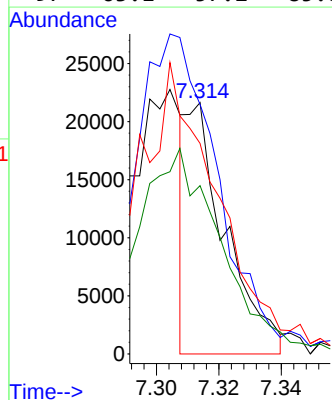
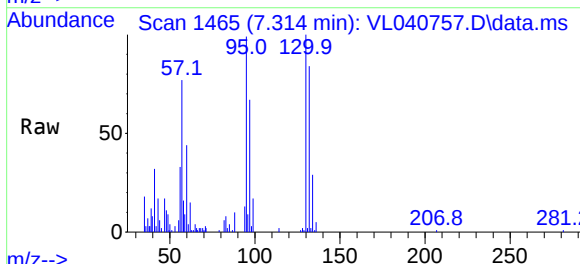
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

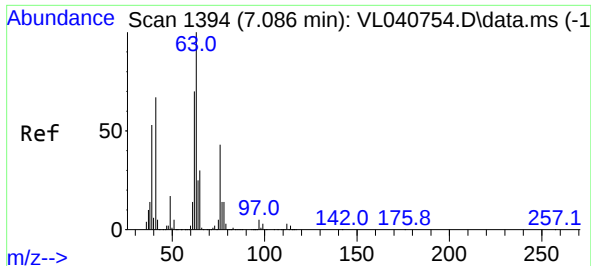
Tgt Ion: 62 Resp: 31728
Ion Ratio Lower Upper
62 100
98 0.0 5.4 8.0#



#38
Trichloroethene
Concen: 0.180 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.010 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion:130 Resp: 18694
Ion Ratio Lower Upper
130 100
95 100.6 89.4 134.2
132 80.5 74.8 112.2
97 63.1 57.2 85.8





#39

1,2-Dichloropropane

Concen: 0.309 ppbv

RT: 7.089 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040757.D

Acq: 11 Oct 2023 13:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

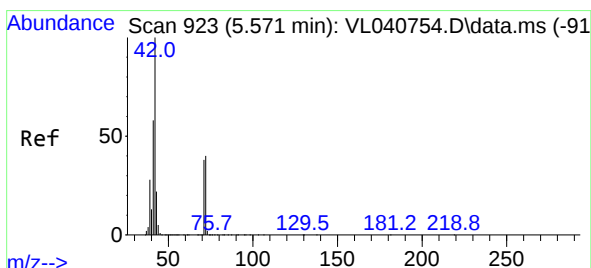
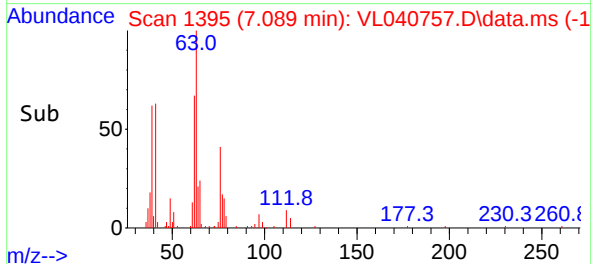
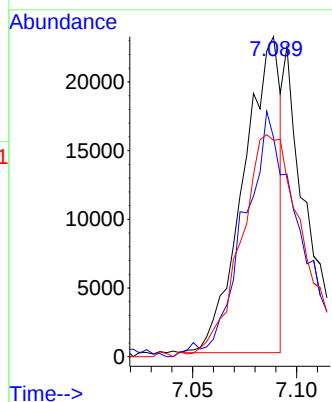
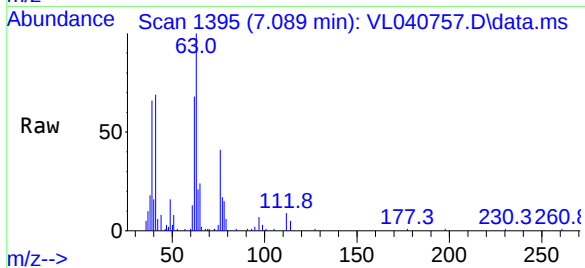
Tgt Ion: 63 Resp: 28379

Ion Ratio Lower Upper

63 100

41 68.0 53.7 80.5

62 66.8 55.7 83.5



#41

Tetrahydrofuran

Concen: 0.471 ppbv

RT: 5.597 min Scan# 931

Delta R.T. 0.026 min

Lab File: VL040757.D

Acq: 11 Oct 2023 13:56

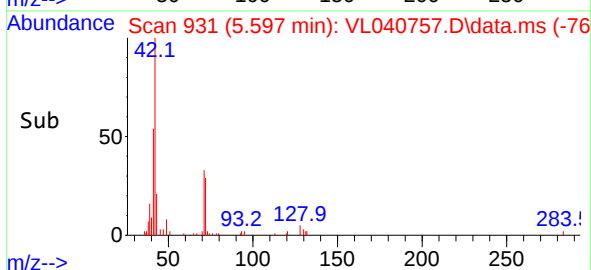
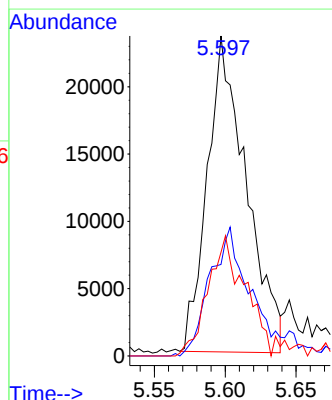
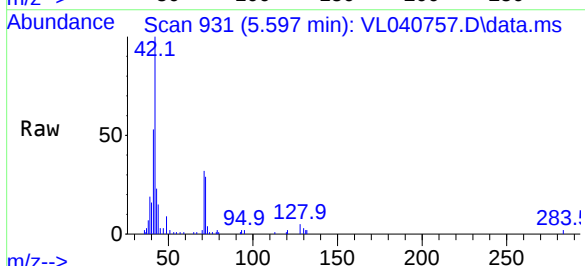
Tgt Ion: 42 Resp: 45060

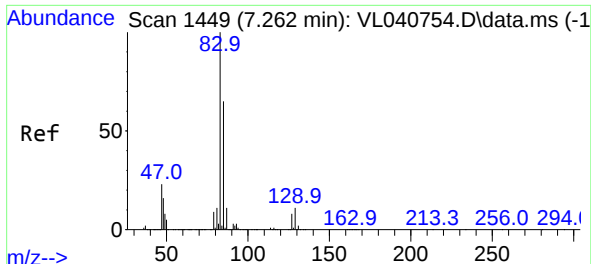
Ion Ratio Lower Upper

42 100

72 46.1 31.1 46.7

71 38.7 29.7 44.5

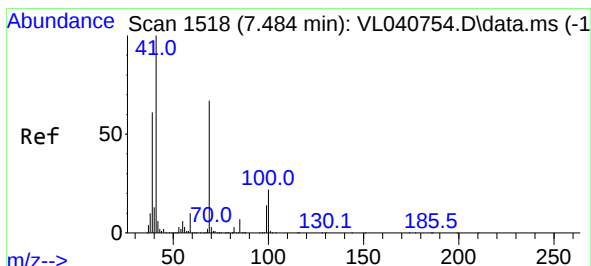
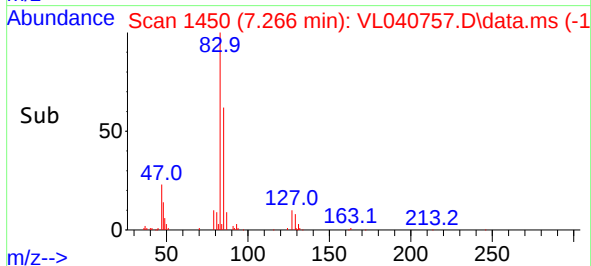
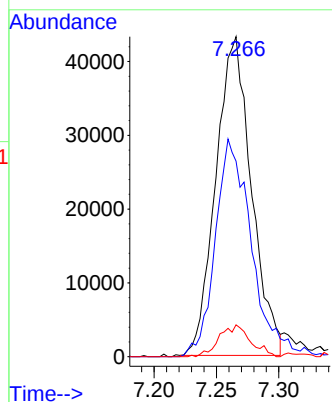
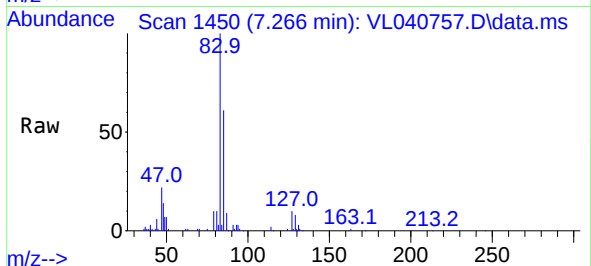




#42
Bromodichloromethane
Concen: 0.477 ppbv
RT: 7.266 min Scan# 1449
Delta R.T. 0.003 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

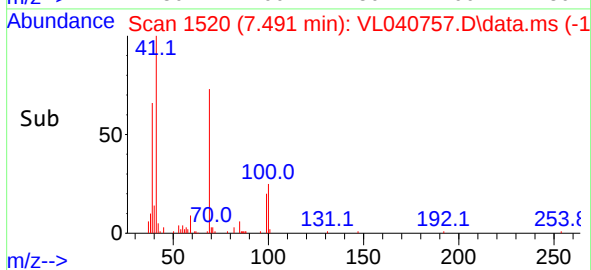
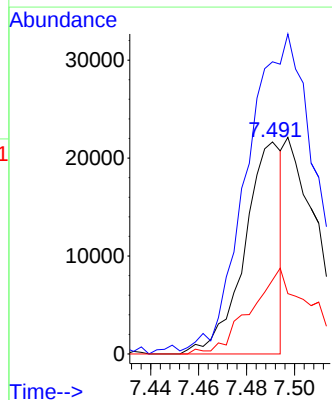
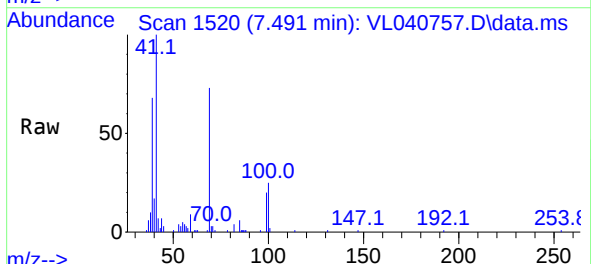
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

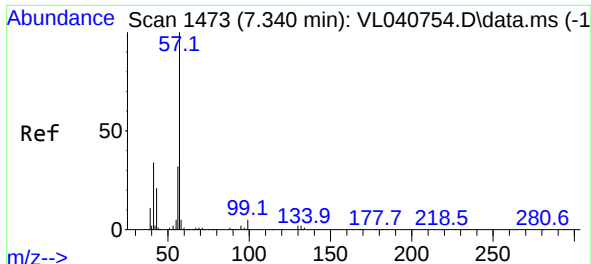
Tgt Ion: 83 Resp: 85882
Ion Ratio Lower Upper
83 100
85 61.3 52.1 78.1
127 10.0 6.7 10.1



#43
Methyl Methacrylate
Concen: 0.248 ppbv
RT: 7.491 min Scan# 1520
Delta R.T. 0.007 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion: 69 Resp: 23294
Ion Ratio Lower Upper
69 100
41 0.0 120.6 181.0#
100 0.0 27.1 40.7#

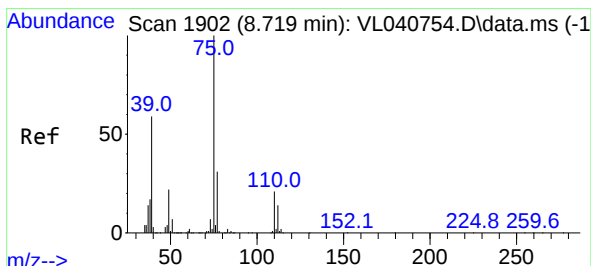
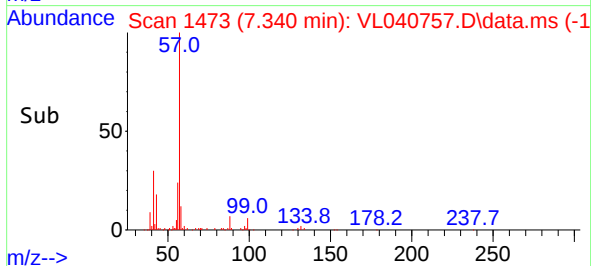
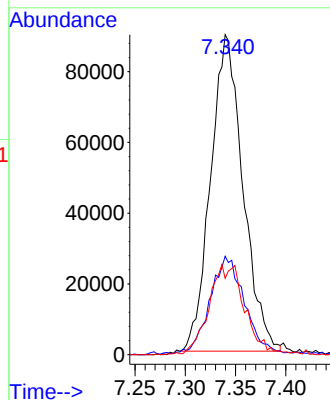
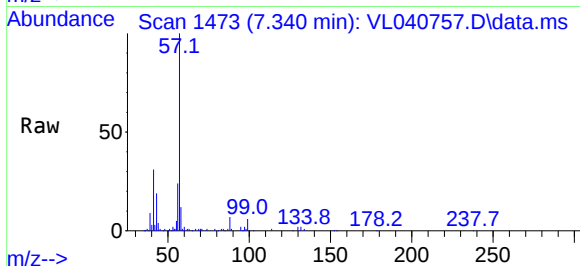




#44
2,2,4-Trimethylpentane
Concen: 0.504 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

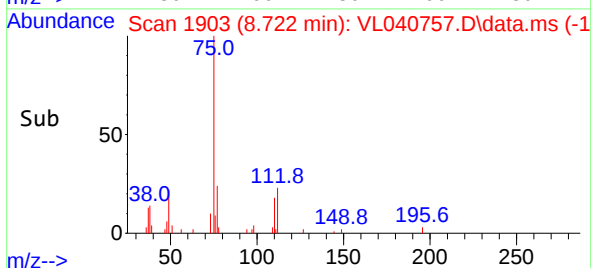
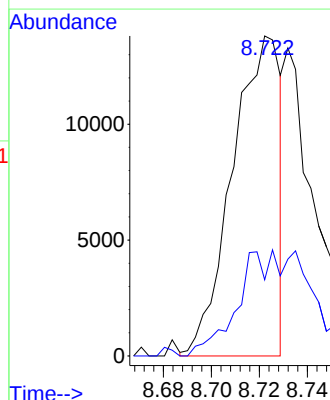
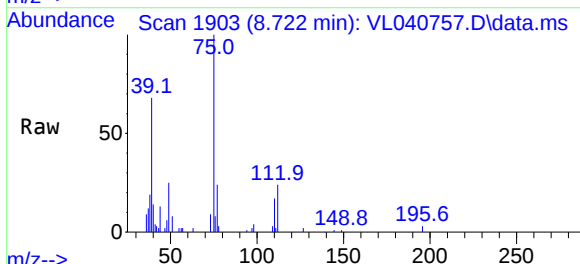
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

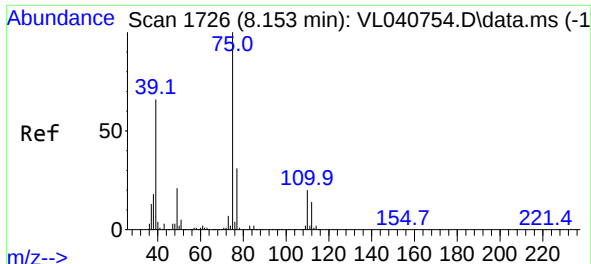
Tgt Ion: 57 Resp: 200234
Ion Ratio Lower Upper
57 100
41 34.0 27.4 41.0
56 31.9 25.0 37.6



#45
t-1,3-Dichloropropene
Concen: 0.255 ppbv
RT: 8.722 min Scan# 1903
Delta R.T. 0.003 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion: 75 Resp: 19076
Ion Ratio Lower Upper
75 100
77 25.0 24.9 37.3

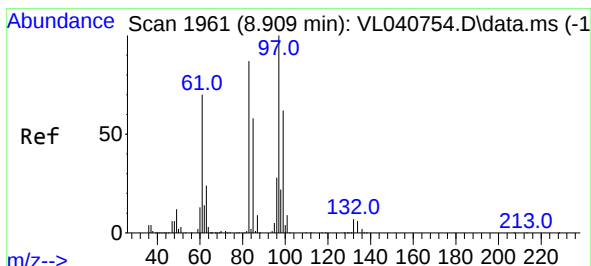
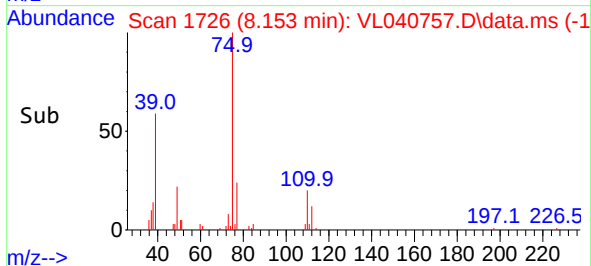
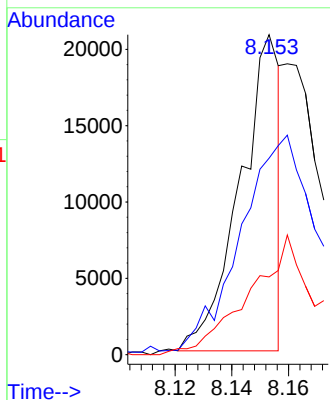
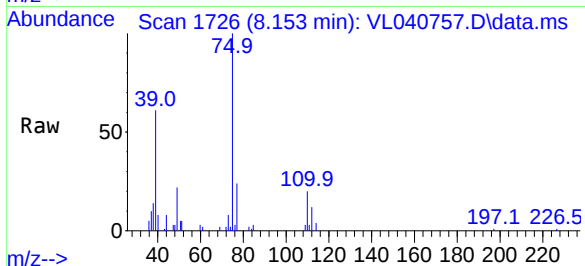




#46
 cis-1,3-Dichloropropene
 Concen: 0.220 ppbv
 RT: 8.153 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VL040757.D
 Acq: 11 Oct 2023 13:56

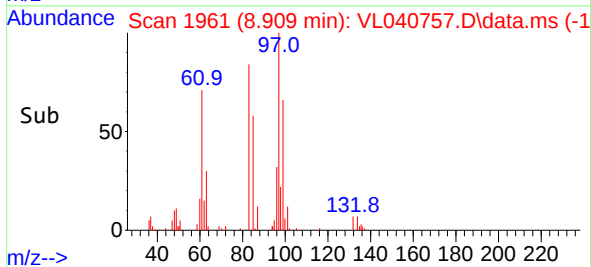
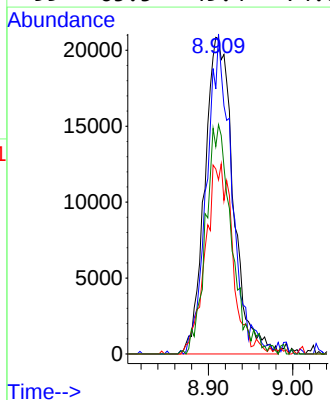
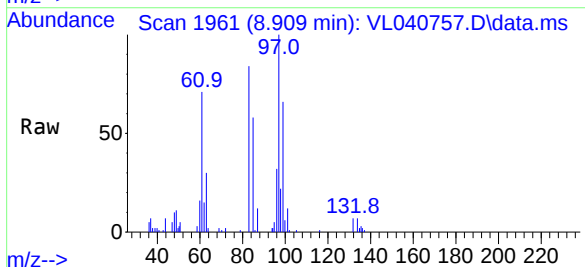
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

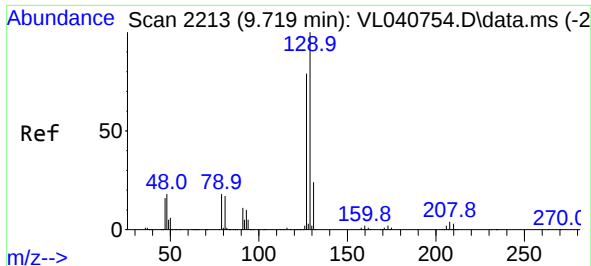
Tgt Ion: 75 Resp: 20171
 Ion Ratio Lower Upper
 75 100
 39 60.7 52.4 78.6
 77 22.7 25.1 37.7#



#47
 1,1,2-Trichloroethane
 Concen: 0.509 ppbv
 RT: 8.909 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VL040757.D
 Acq: 11 Oct 2023 13:56

Tgt Ion: 97 Resp: 49079
 Ion Ratio Lower Upper
 97 100
 83 83.7 69.5 104.3
 85 58.4 46.6 69.8
 99 65.5 49.4 74.0

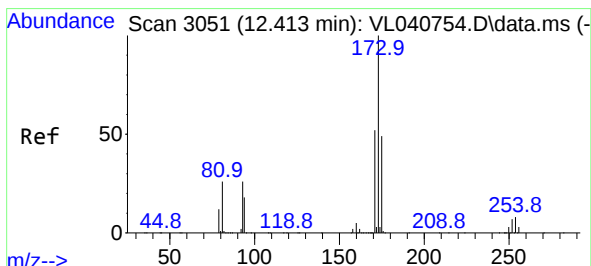
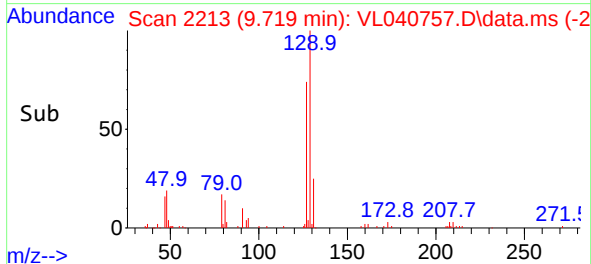
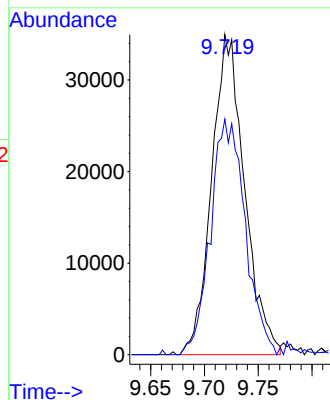
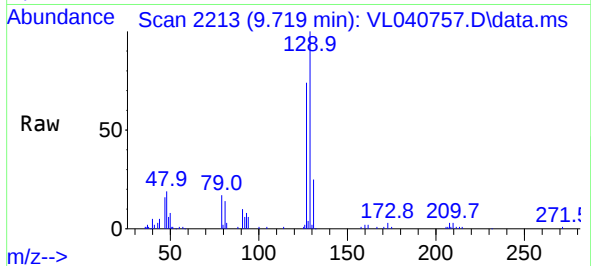




#48
Dibromochloromethane
Concen: 0.460 ppbv
RT: 9.719 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

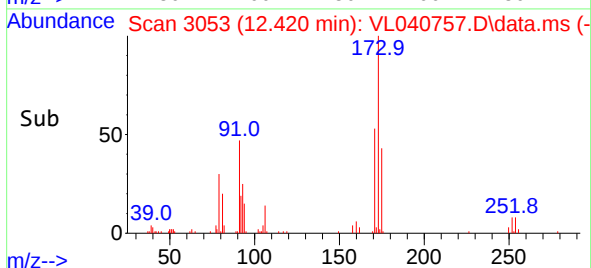
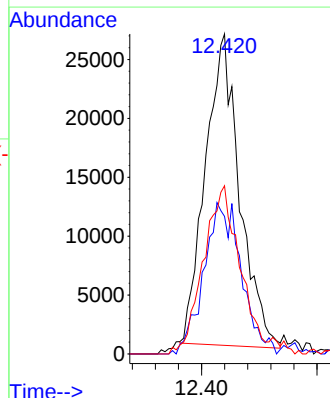
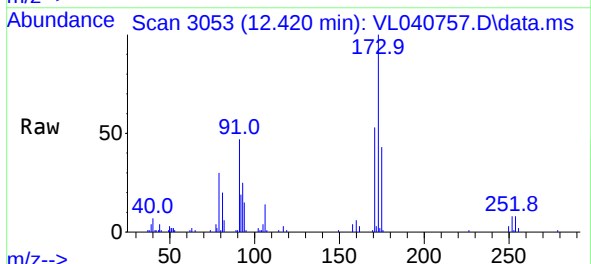
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

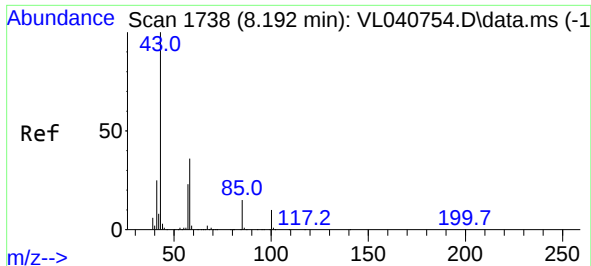
Tgt Ion:129 Resp: 74279
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.3



#49
Bromoform
Concen: 0.414 ppbv
RT: 12.420 min Scan# 3053
Delta R.T. 0.007 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion:173 Resp: 54362
Ion Ratio Lower Upper
173 100
175 54.7 39.2 58.8
171 59.6 42.0 63.0

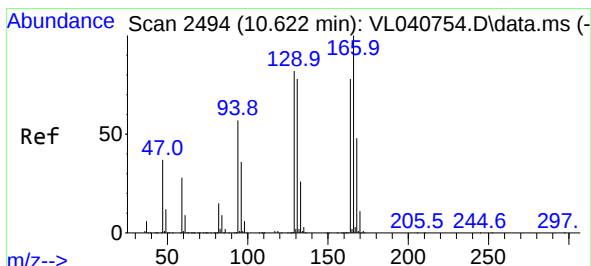
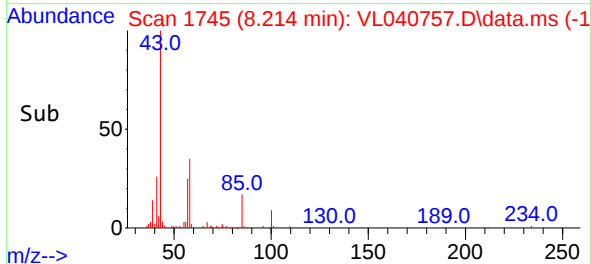
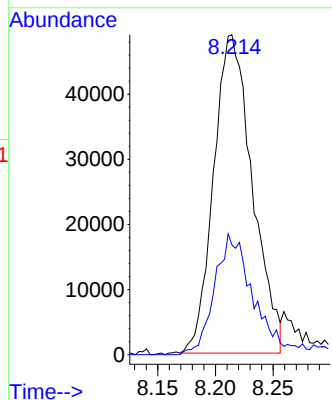
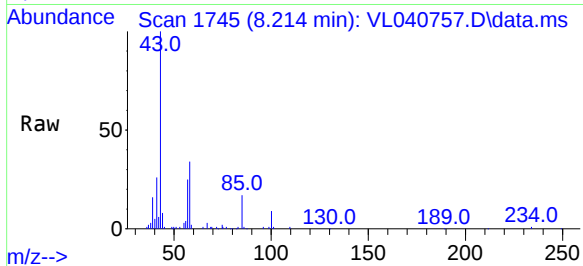




#50
4-Methyl-2-Pentanone
Concen: 0.482 ppbv
RT: 8.214 min Scan# 1
Delta R.T. 0.023 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

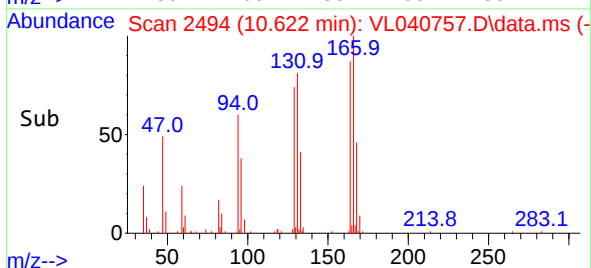
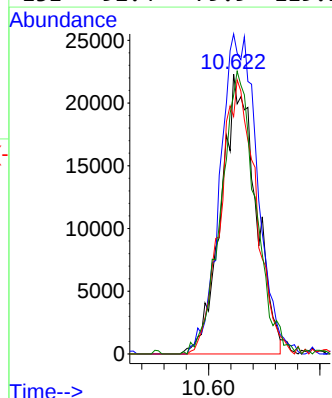
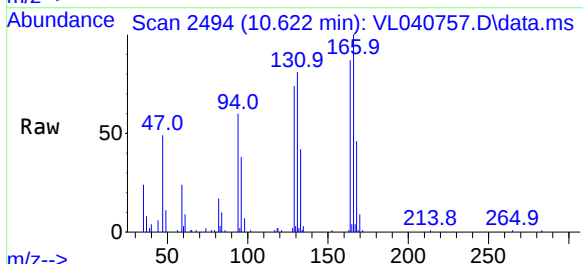
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

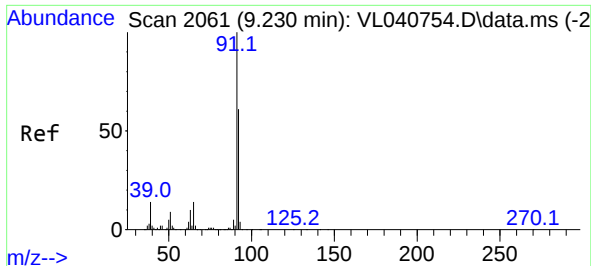
Tgt Ion: 43 Resp: 114001
Ion Ratio Lower Upper
43 100
58 40.0 28.8 43.2



#52
Tetrachloroethene
Concen: 0.504 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion: 164 Resp: 48078
Ion Ratio Lower Upper
164 100
166 114.3 102.4 153.6
129 84.8 84.2 126.4
131 92.4 79.9 119.9

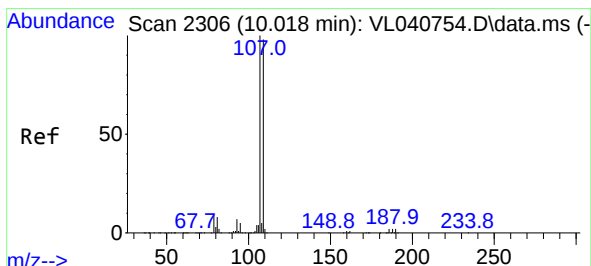
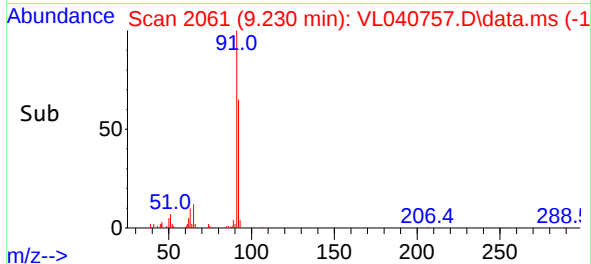
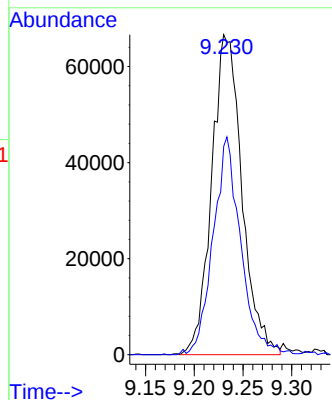
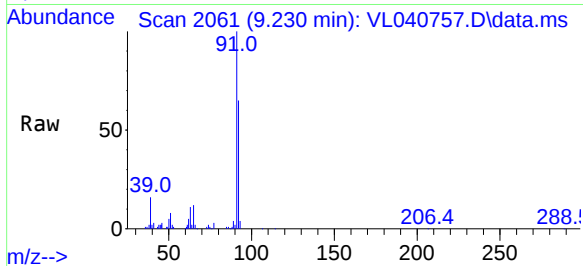




#53
Toluene
Concen: 0.515 ppbv
RT: 9.230 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

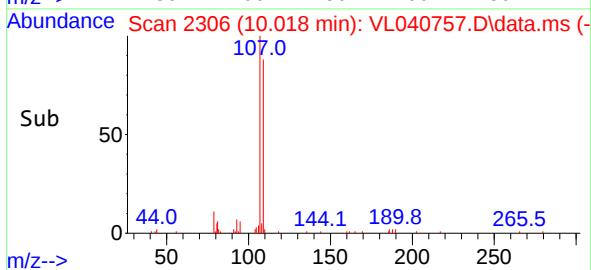
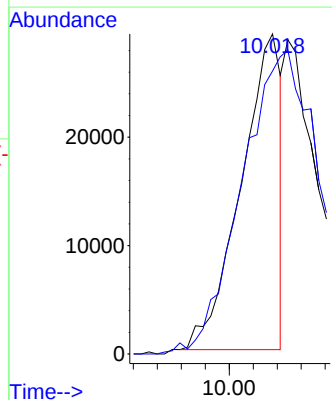
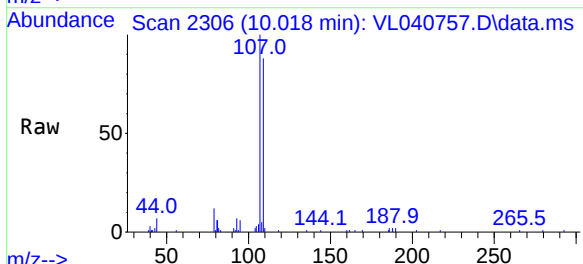
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

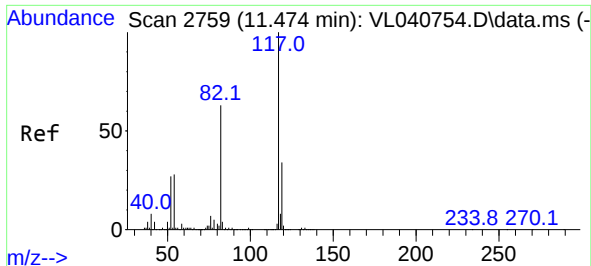
Tgt Ion: 91 Resp: 143933
Ion Ratio Lower Upper
91 100
92 62.3 50.2 75.2



#54
1,2-Dibromoethane
Concen: 0.249 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion: 107 Resp: 33629
Ion Ratio Lower Upper
107 100
109 86.1 78.2 117.2

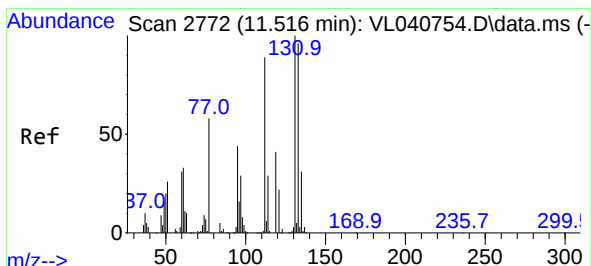
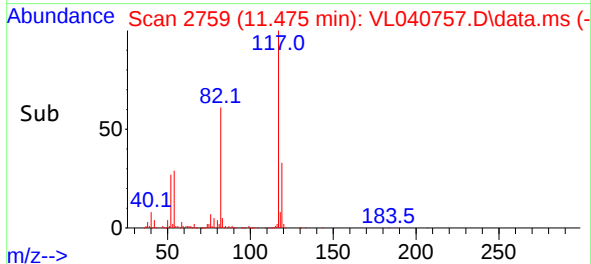
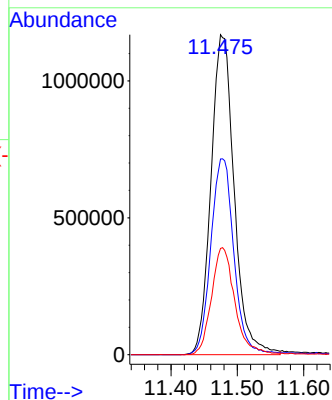
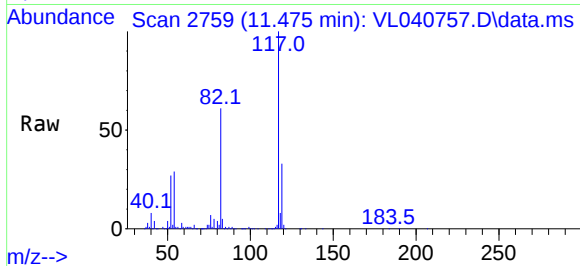




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

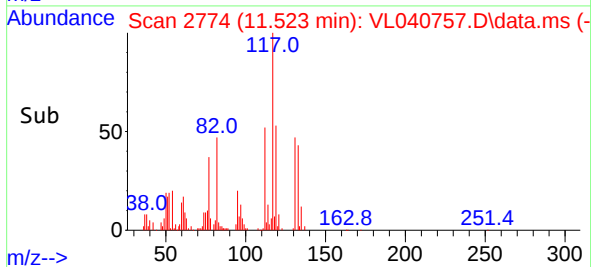
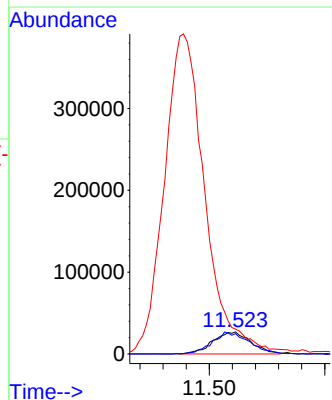
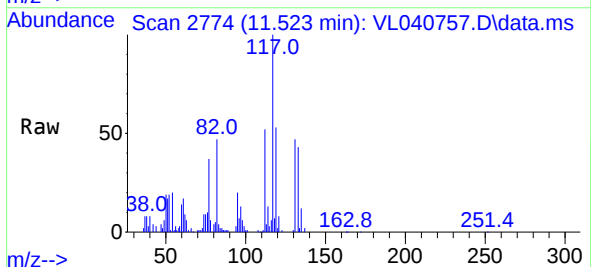
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

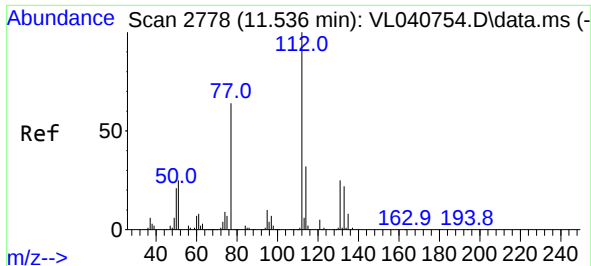
Tgt Ion:117 Resp: 2842110
Ion Ratio Lower Upper
117 100
82 61.3 46.6 70.0
119 34.2 26.0 39.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.529 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.007 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion:131 Resp: 61414
Ion Ratio Lower Upper
131 100
133 96.1 75.0 112.6
119 1584.3 45.4 68.0#

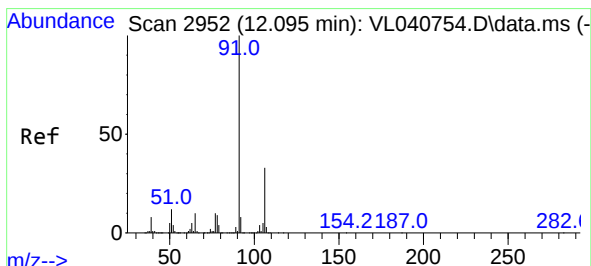
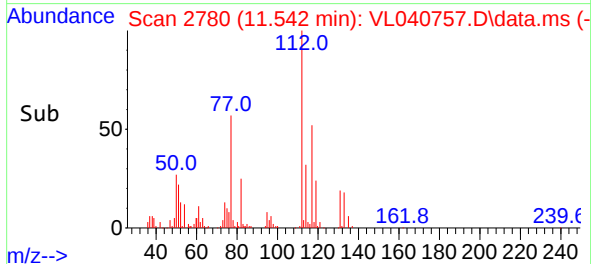
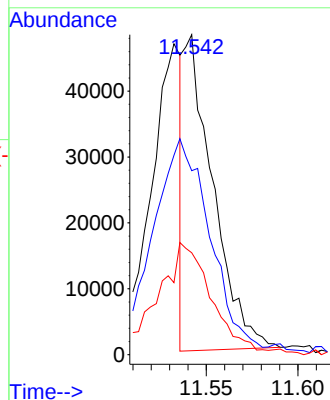
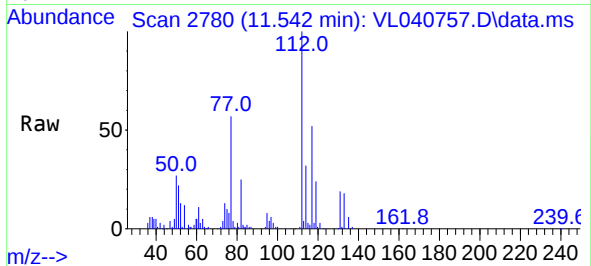




#57
Chlorobenzene
Concen: 0.259 ppbv
RT: 11.542 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

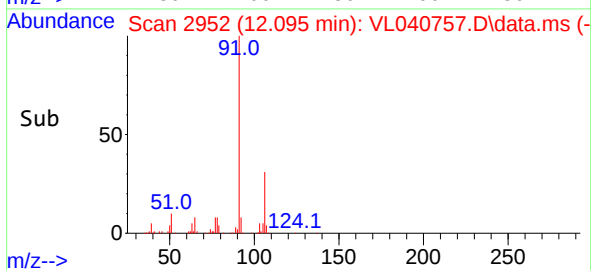
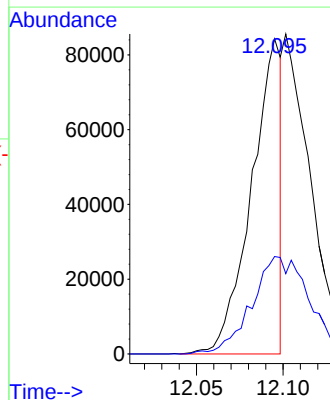
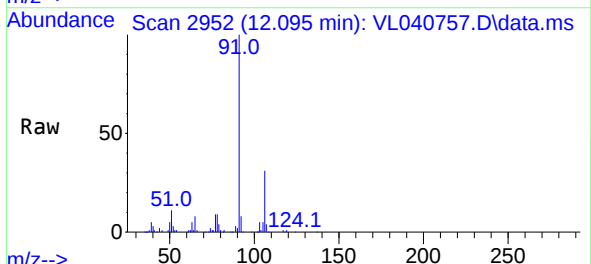
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

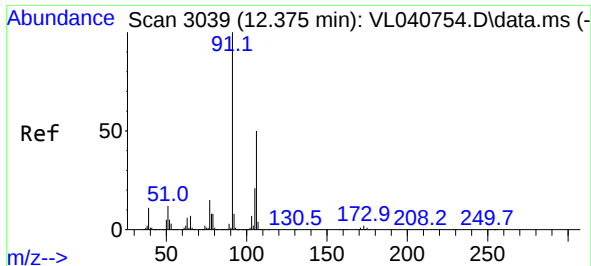
Tgt Ion:112 Resp: 52669
Ion Ratio Lower Upper
112 100
77 55.5 51.9 77.9
114 30.9 28.6 35.0



#58
Ethyl Benzene
Concen: 0.281 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion: 91 Resp: 100475
Ion Ratio Lower Upper
91 100
106 31.0 26.7 40.1





#59

m/p-Xylene

Concen: 0.182 ppbv

RT: 12.378 min Scan# 3040

Delta R.T. 0.003 min

Lab File: VL040757.D

Acq: 11 Oct 2023 13:56

Instrument :

MSVOA_1

ClientSampleId :

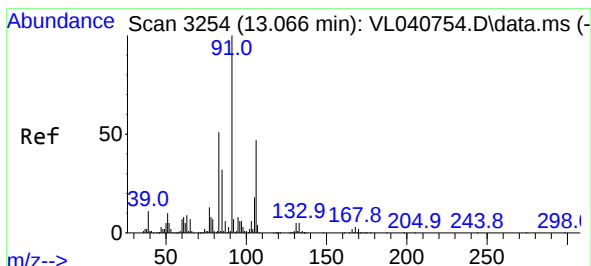
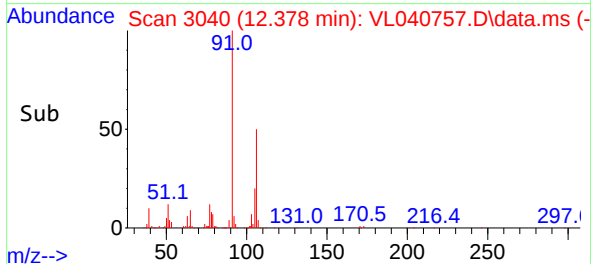
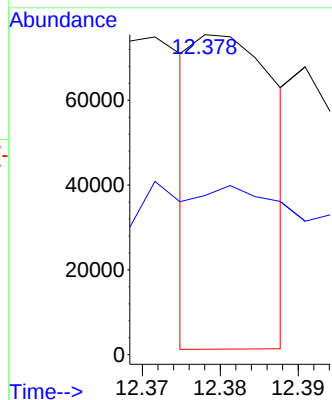
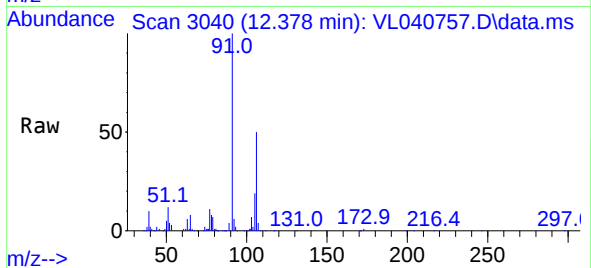
VSTDIC0.5

Tgt Ion: 91 Resp: 53686

Ion Ratio Lower Upper

91 100

106 0.0 37.7 56.5#



#60

o-Xylene

Concen: 0.543 ppbv

RT: 13.073 min Scan# 3256

Delta R.T. 0.007 min

Lab File: VL040757.D

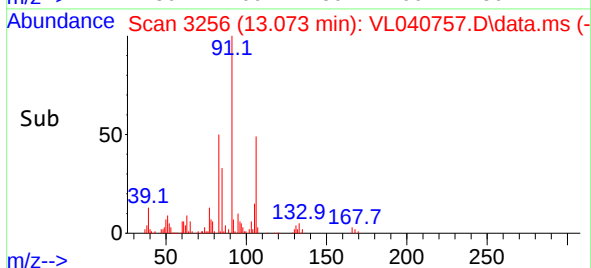
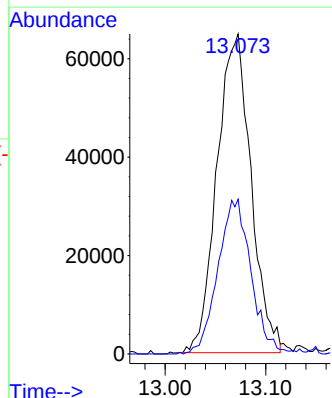
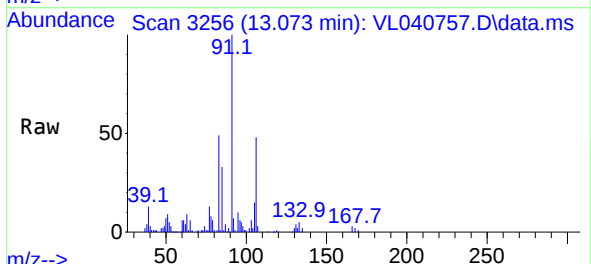
Acq: 11 Oct 2023 13:56

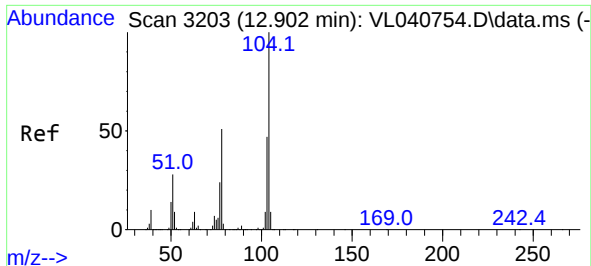
Tgt Ion: 91 Resp: 152288

Ion Ratio Lower Upper

91 100

106 47.0 23.5 70.5

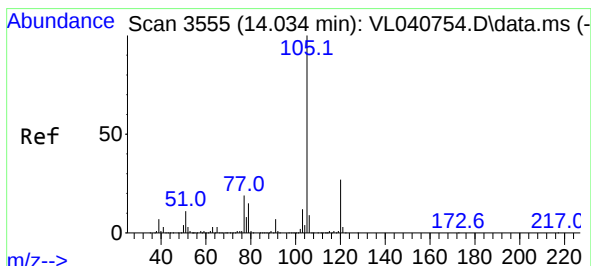
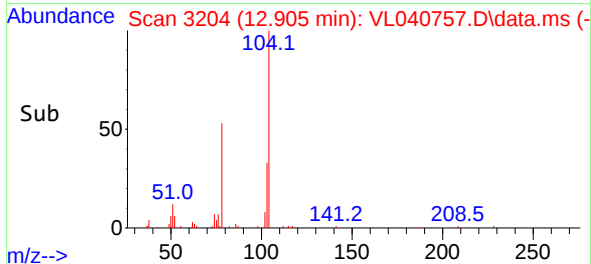
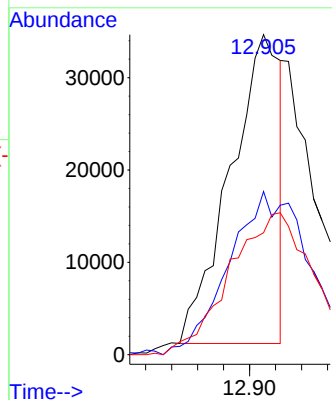
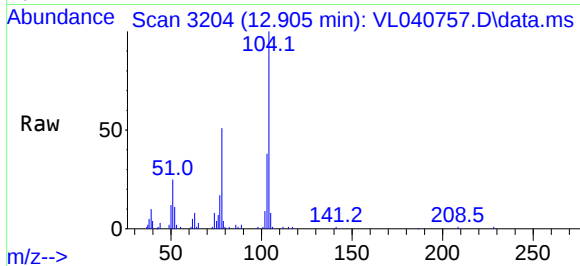




#61
Styrene
Concen: 0.288 ppbv
RT: 12.905 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

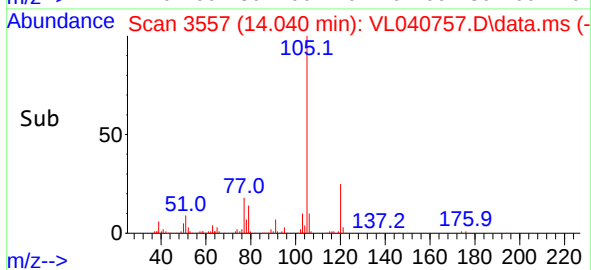
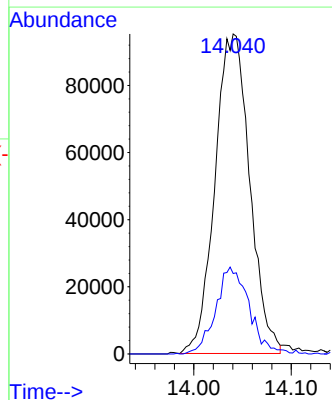
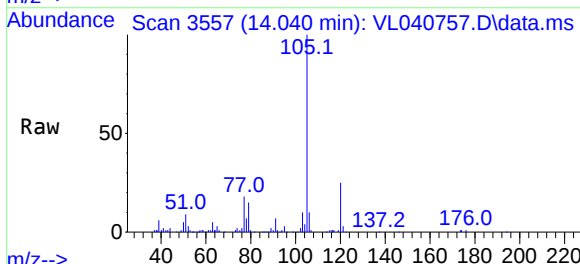
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

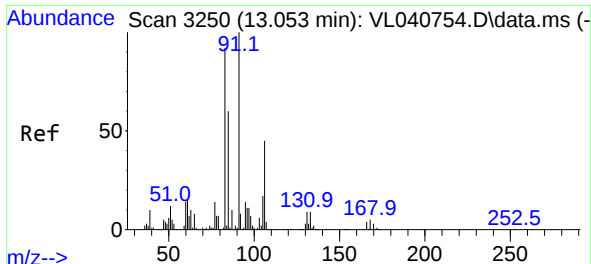
Tgt Ion:104 Resp: 44748
Ion Ratio Lower Upper
104 100
78 92.0 39.8 59.6#
103 83.0 37.5 56.3#



#62
Isopropylbenzene
Concen: 0.545 ppbv
RT: 14.040 min Scan# 3557
Delta R.T. 0.007 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion:105 Resp: 235436
Ion Ratio Lower Upper
105 100
120 26.3 21.5 32.3

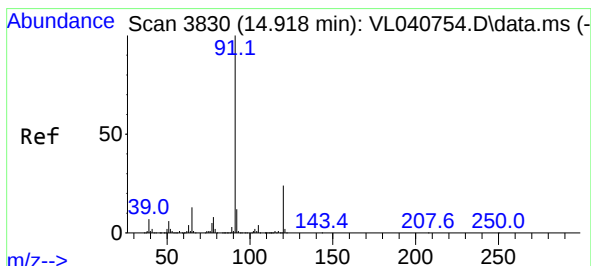
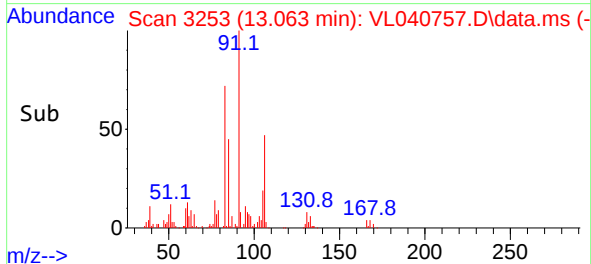
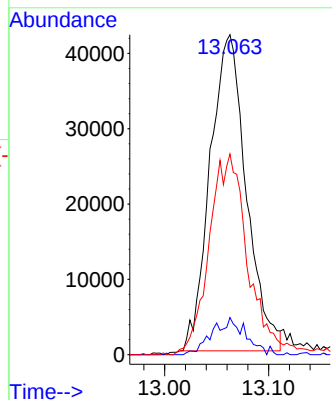
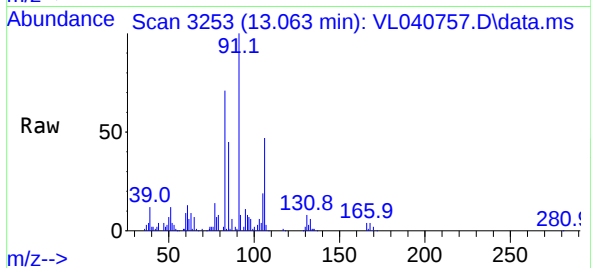




#63
1,1,2,2-Tetrachloroethane
Concen: 0.483 ppbv
RT: 13.063 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

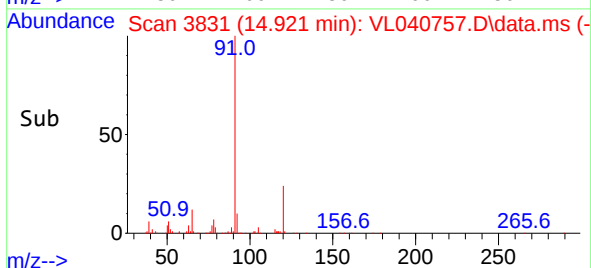
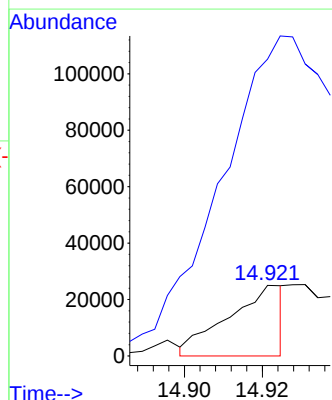
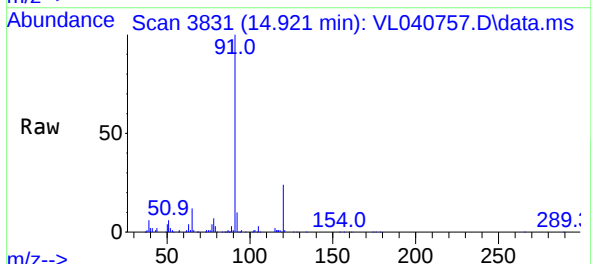
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

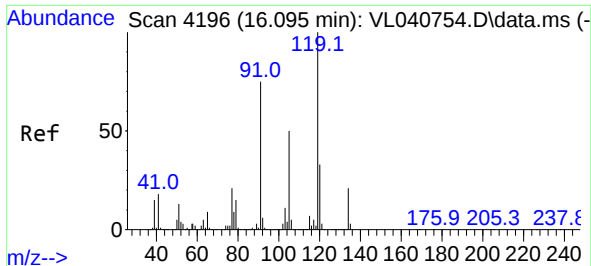
Tgt Ion: 83 Resp: 101599
Ion Ratio Lower Upper
83 100
131 10.9 4.9 14.6
85 68.7 32.9 98.7



#64
n-propylbenzene
Concen: 0.212 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.003 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion: 120 Resp: 24574
Ion Ratio Lower Upper
120 100
91 1162.6 345.9 518.9#

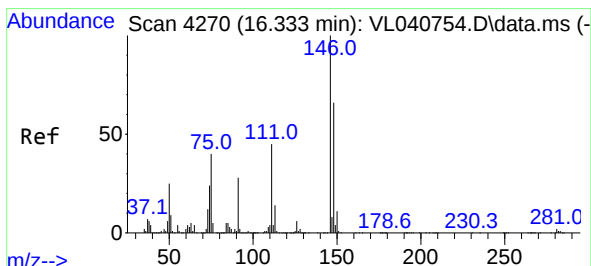
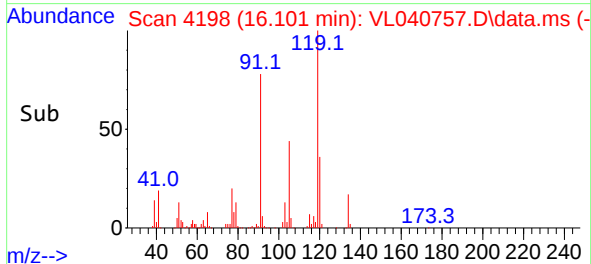
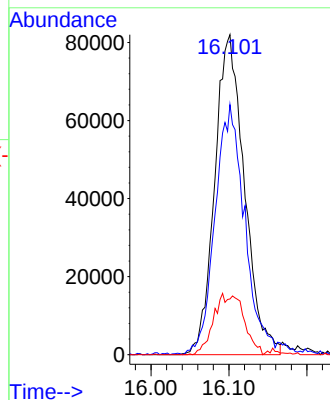
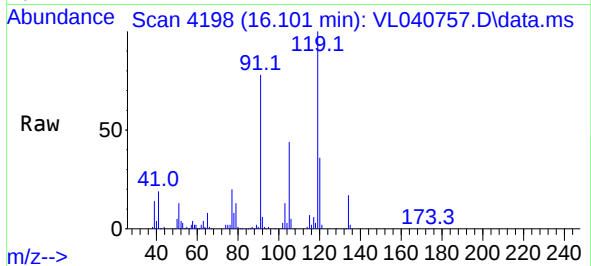




#65
tert-Butylbenzene
Concen: 0.558 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.007 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

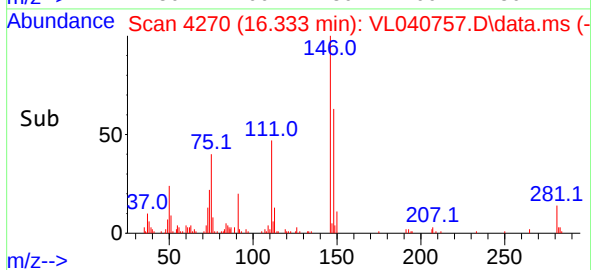
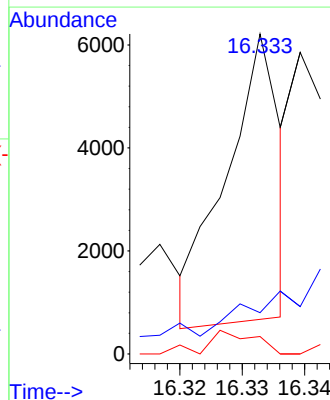
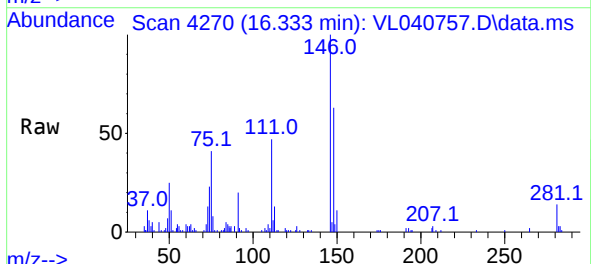
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

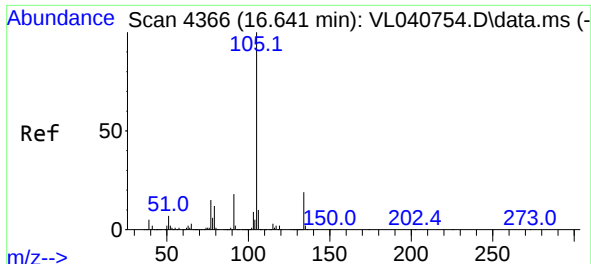
Tgt Ion:119 Resp: 217181
Ion Ratio Lower Upper
119 100
91 80.3 62.2 93.2
134 20.0 16.1 24.1



#66
Benzyl Chloride
Concen: 0.085 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion: 91 Resp: 3339
Ion Ratio Lower Upper
91 100
126 0.0 16.1 24.1#
128 8.7 5.2 7.8#





#67

sec-Butylbenzene

Concen: 0.542 ppbv

RT: 16.648 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL040757.D

Acq: 11 Oct 2023 13:56

Instrument :

MSVOA_L

ClientSampleId :

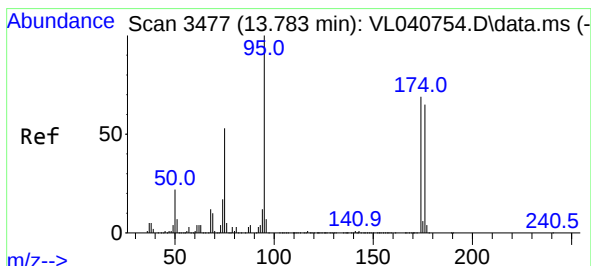
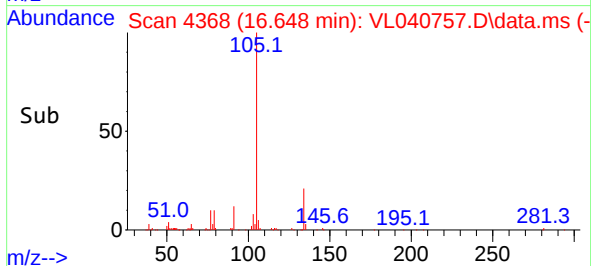
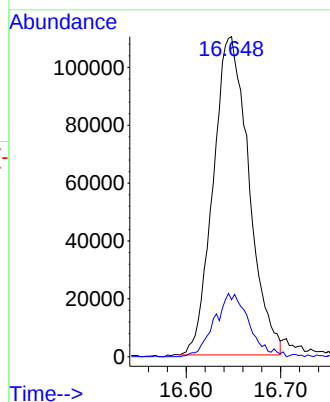
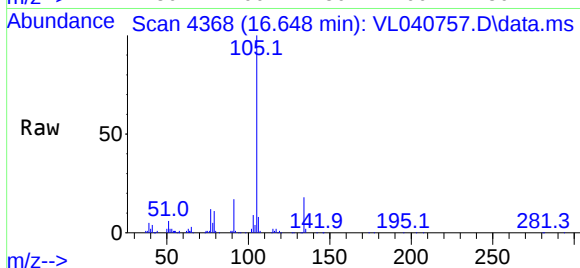
VSTDIC0.5

Tgt Ion:105 Resp: 288863

Ion Ratio Lower Upper

105 100

134 19.6 15.4 23.2



#68

1-Bromo-4-Fluorobenzene

Concen: 10.132 ppbv

RT: 13.786 min Scan# 3478

Delta R.T. 0.003 min

Lab File: VL040757.D

Acq: 11 Oct 2023 13:56

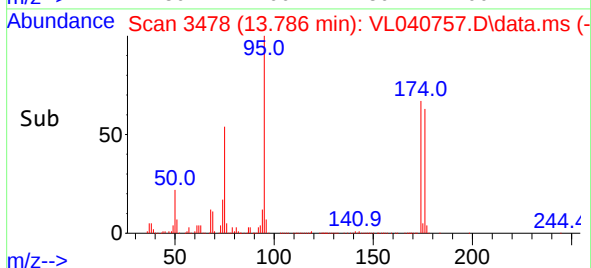
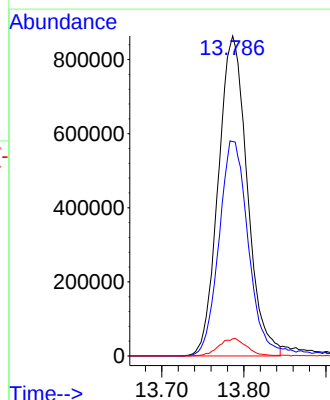
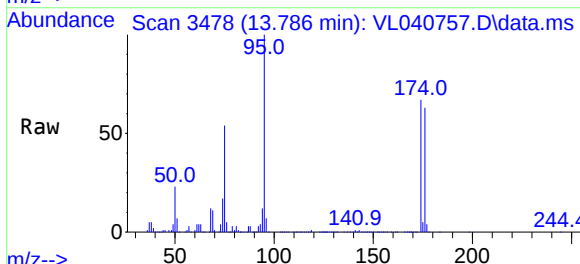
Tgt Ion: 95 Resp: 2118860

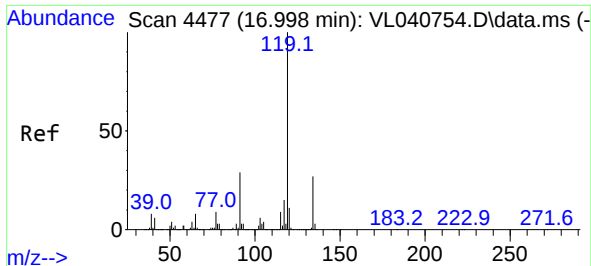
Ion Ratio Lower Upper

95 100

174 70.9 54.7 82.1

175 5.5 4.2 6.4

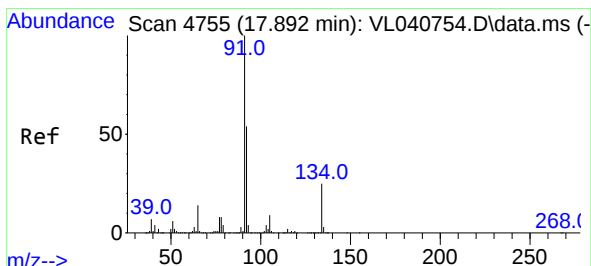
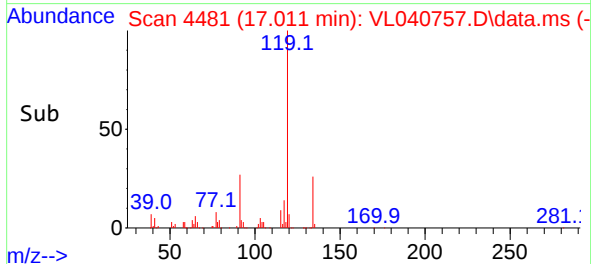
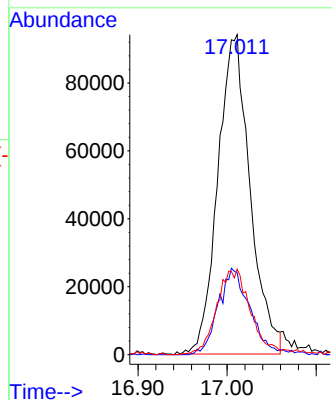
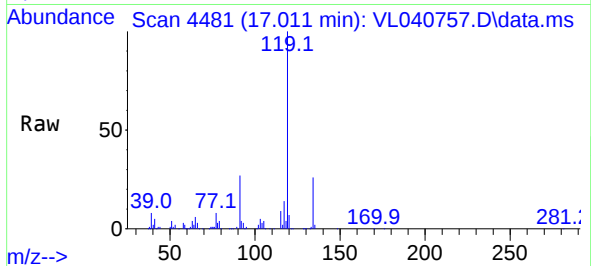




#69
p-Isopropyltoluene
Concen: 0.529 ppbv
RT: 17.011 min Scan# 44
Delta R.T. 0.013 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

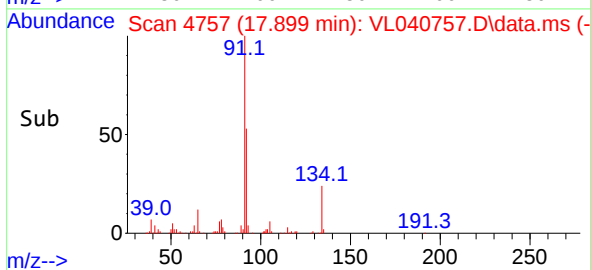
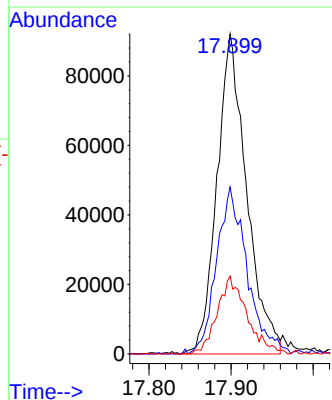
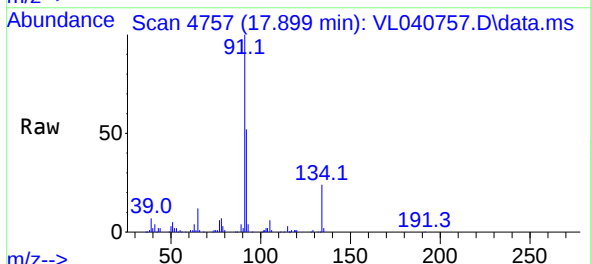
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

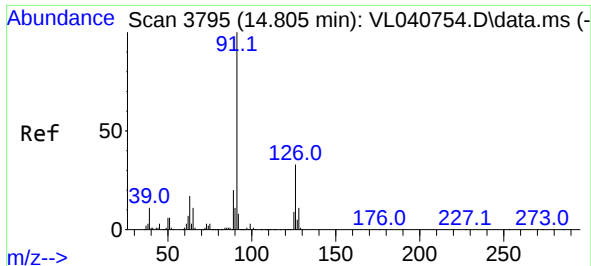
Tgt Ion:119 Resp: 236219
Ion Ratio Lower Upper
119 100
134 27.0 21.0 31.4
91 28.9 22.8 34.2



#70
n-Butylbenzene
Concen: 0.527 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. 0.007 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion: 91 Resp: 231315
Ion Ratio Lower Upper
91 100
92 54.1 44.1 66.1
134 24.3 19.5 29.3

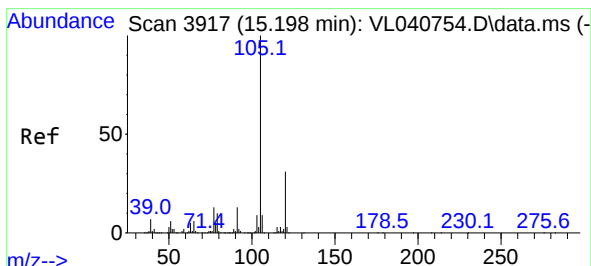
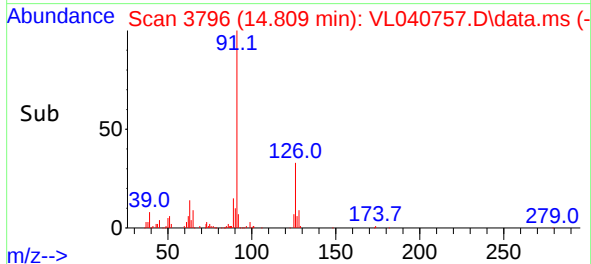
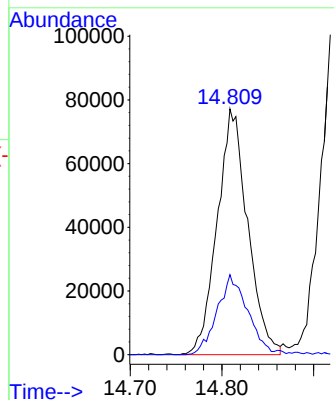
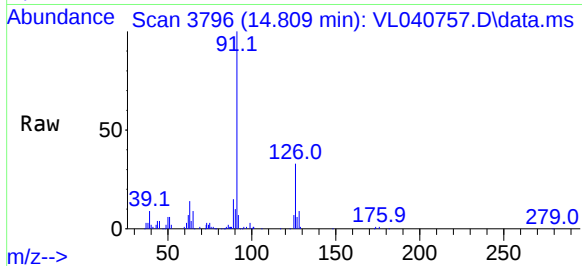




#71
2-Chlorotoluene
Concen: 0.550 ppbv
RT: 14.809 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

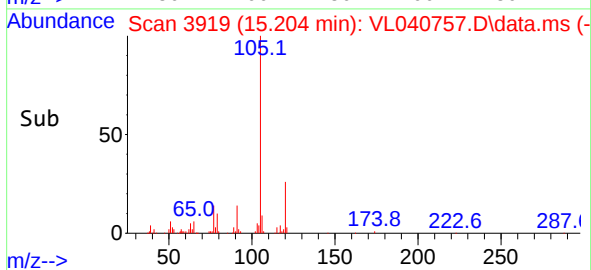
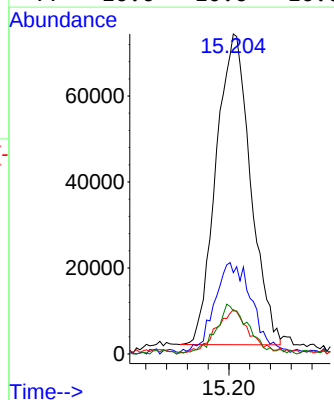
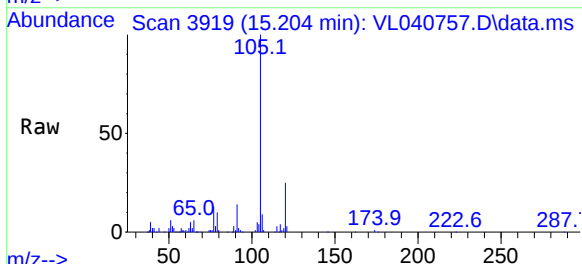
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

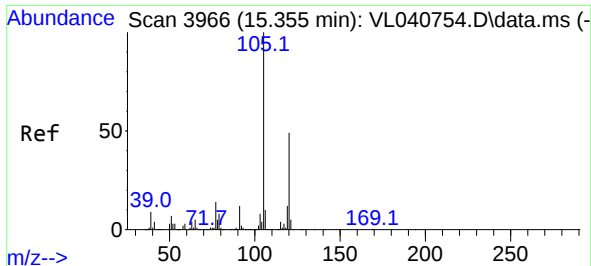
Tgt Ion: 91 Resp: 178303
Ion Ratio Lower Upper
91 100
126 33.6 13.3 53.1



#72
4-Ethyltoluene
Concen: 0.507 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.007 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion: 105 Resp: 166645
Ion Ratio Lower Upper
105 100
120 33.3 25.0 37.4
91 13.6 9.8 14.8
77 16.6 10.6 16.0#

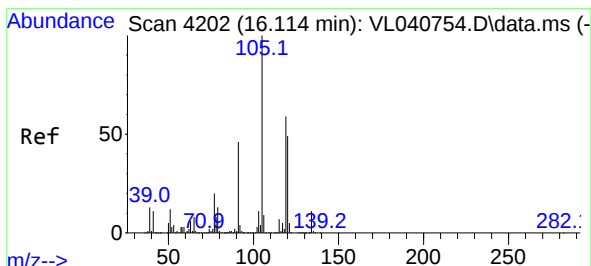
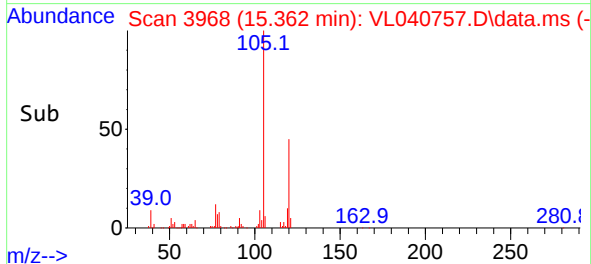
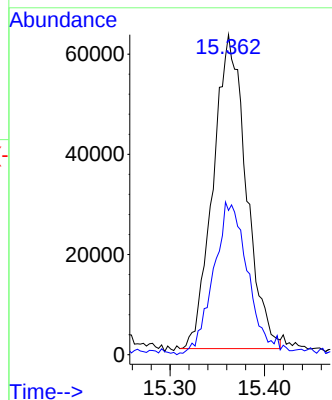
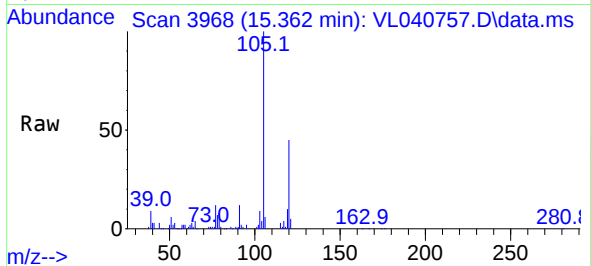




#73
1,3,5-Trimethylbenzene
Concen: 0.527 ppbv
RT: 15.362 min Scan# 3966
Delta R.T. 0.007 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

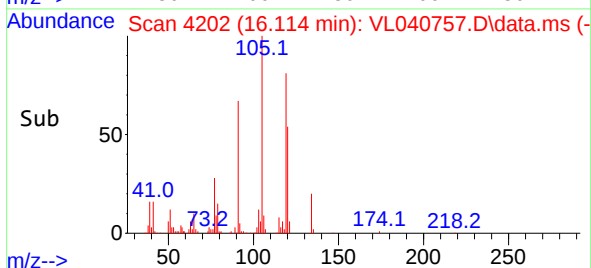
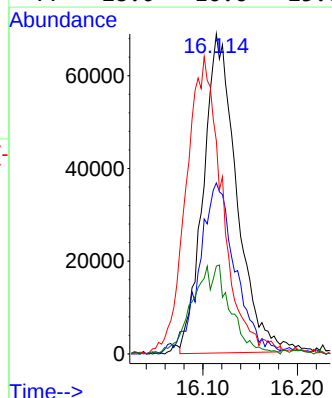
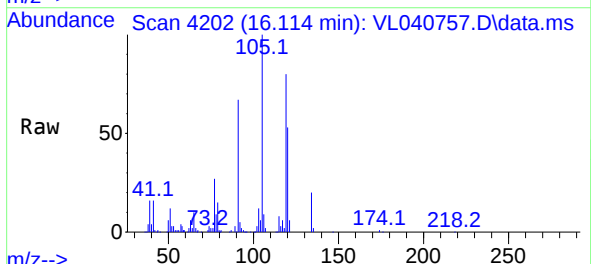
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

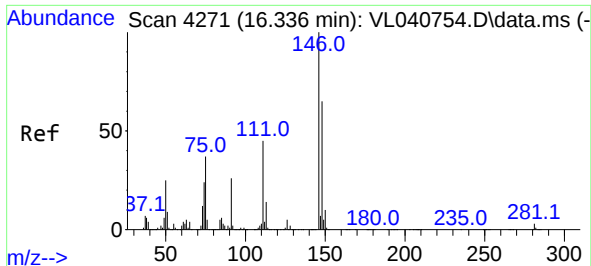
Tgt Ion:105 Resp: 152449
Ion Ratio Lower Upper
105 100
120 45.4 39.4 59.2



#74
1,2,4-Trimethylbenzene
Concen: 0.531 ppbv
RT: 16.114 min Scan# 4202
Delta R.T. 0.000 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion:105 Resp: 167891
Ion Ratio Lower Upper
105 100
120 53.5 39.4 59.2
91 65.5 38.6 58.0#
77 28.0 16.6 25.0#

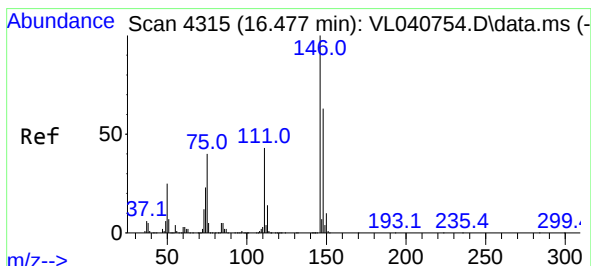
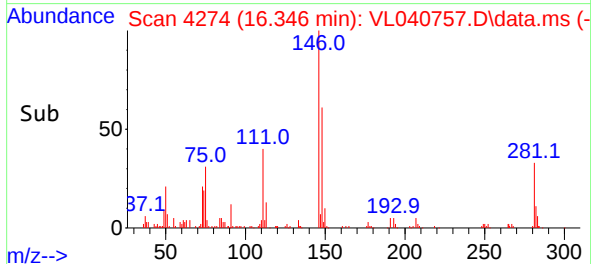
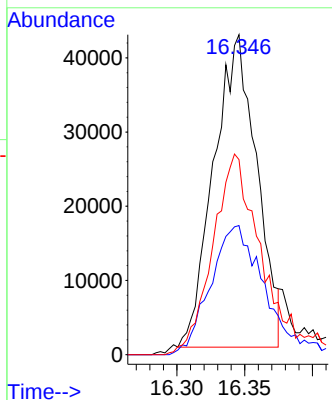
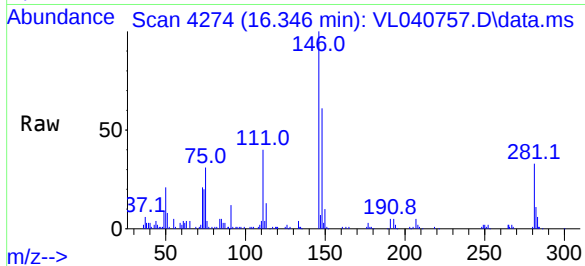




#75
1,3-Dichlorobenzene
Concen: 0.472 ppbv
RT: 16.346 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

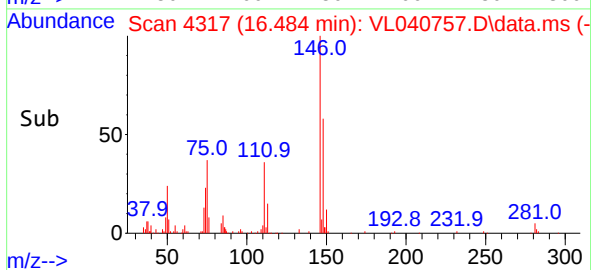
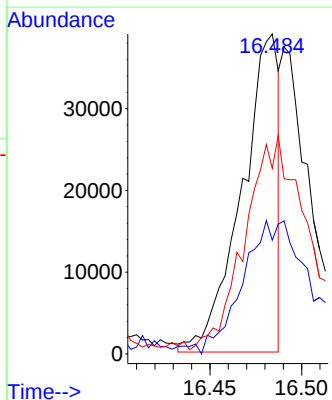
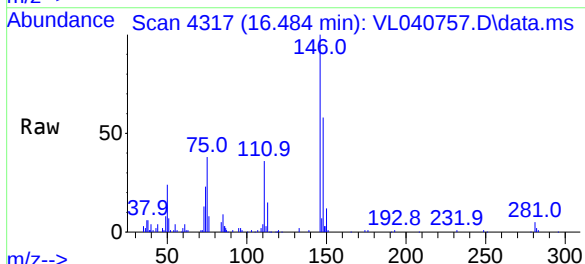
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

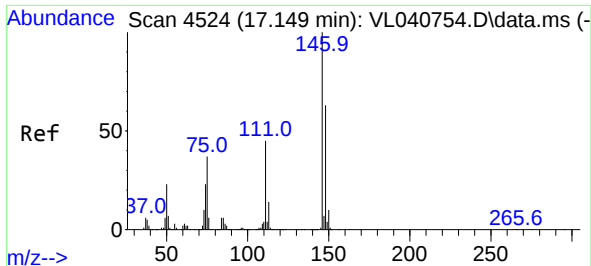
Tgt Ion:146 Resp: 92851
Ion Ratio Lower Upper
146 100
111 52.6 22.6 67.7
148 74.2 32.4 97.0



#76
1,4-Dichlorobenzene
Concen: 0.279 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. 0.007 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion:146 Resp: 54349
Ion Ratio Lower Upper
146 100
111 84.8 22.0 66.0#
148 128.1 33.4 100.1#

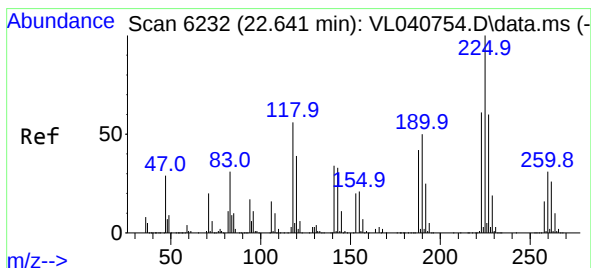
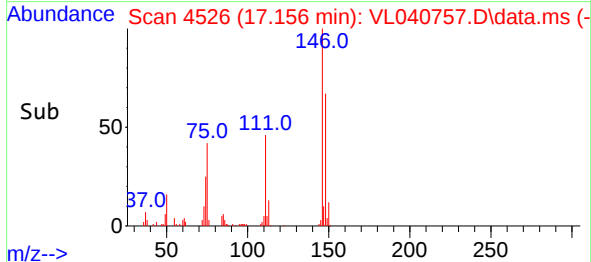
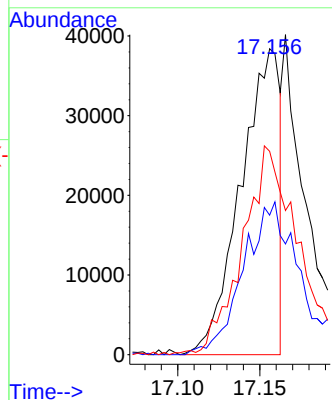
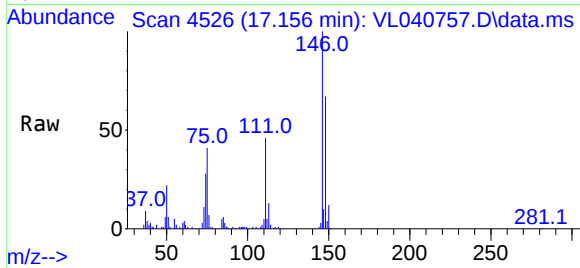




#77
1,2-Dichlorobenzene
Concen: 0.330 ppbv
RT: 17.156 min Scan# 4526
Delta R.T. 0.007 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

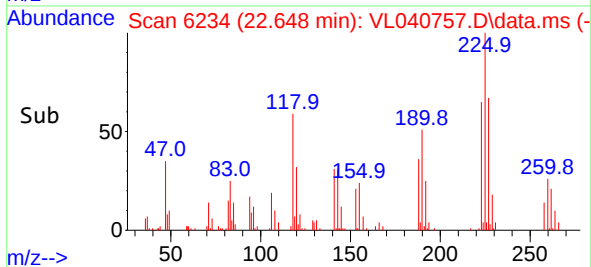
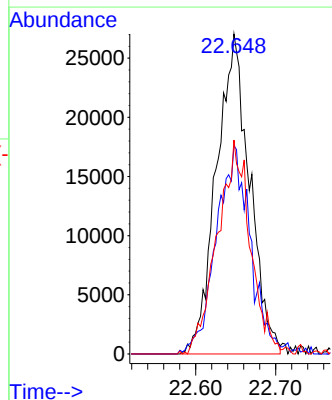
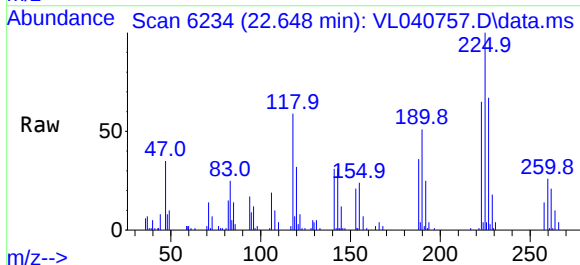
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

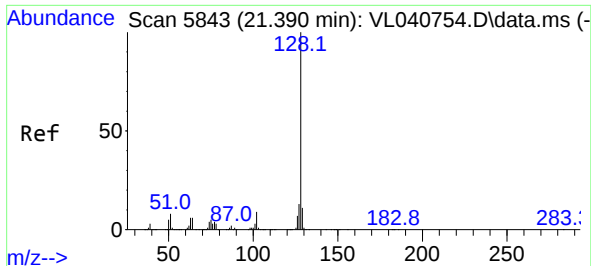
Tgt Ion:146 Resp: 63741
Ion Ratio Lower Upper
146 100
111 75.9 22.9 68.8#
148 104.7 32.3 96.8#



#78
Hexachloro-1,3-Butadiene
Concen: 0.565 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. 0.007 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion:225 Resp: 77973
Ion Ratio Lower Upper
225 100
223 67.6 50.7 76.1
227 66.3 51.4 77.0



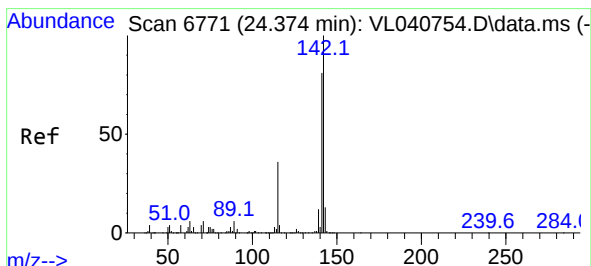
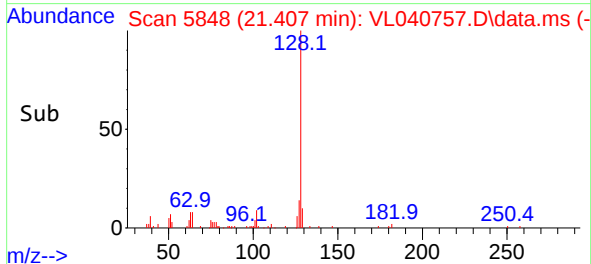
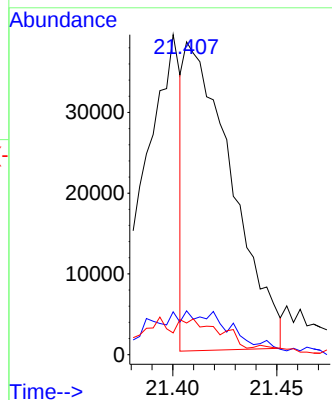
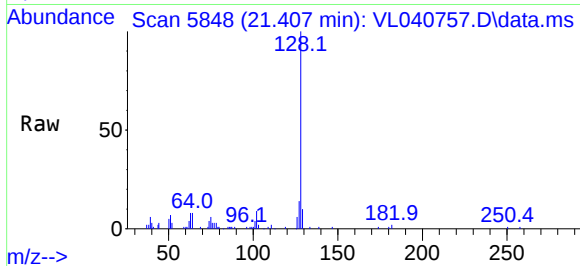


#79
Naphthalene
Concen: 0.235 ppbv
RT: 21.407 min Scan# 5843
Delta R.T. 0.016 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

Tgt Ion:128 Resp: 60316

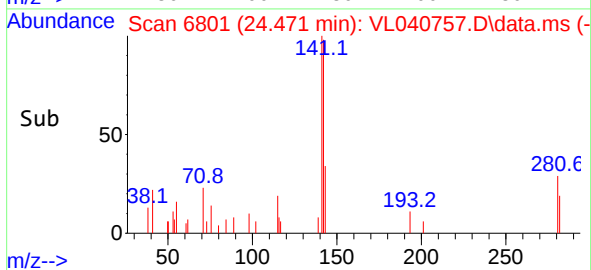
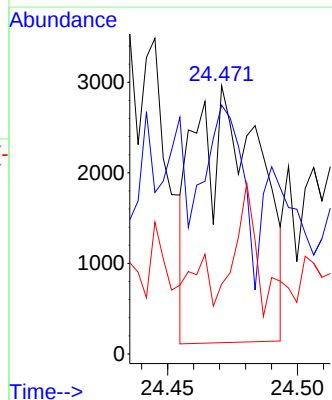
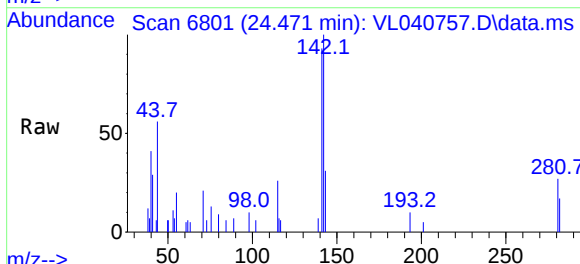
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	15.8
129	9.1	9.0	13.4

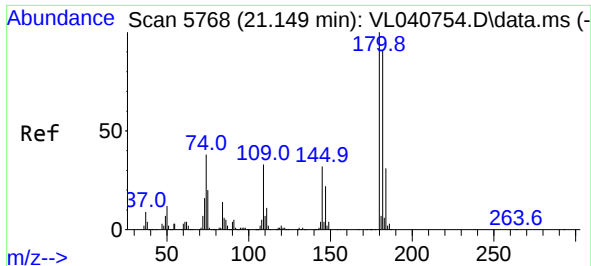


#80
Naphthalene,2-methyl-
Concen: 0.068 ppbv
RT: 24.471 min Scan# 6801
Delta R.T. 0.097 min
Lab File: VL040757.D
Acq: 11 Oct 2023 13:56

Tgt Ion:142 Resp: 4904

Ion	Ratio	Lower	Upper
142	100		
141	90.2	66.3	99.5
115	34.0	30.0	45.0





#81

1,2,4-Trichlorobenzene

Concen: 0.114 ppbv

RT: 21.149 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL040757.D

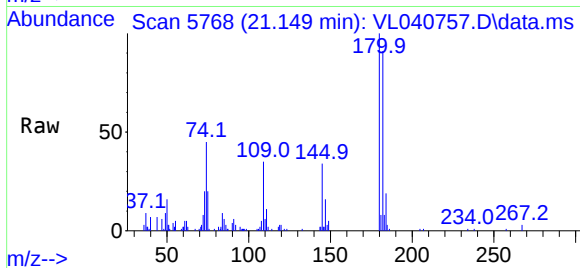
Acq: 11 Oct 2023 13:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5



Tgt Ion:180 Resp: 15886

Ion Ratio Lower Upper

180 100

182 0.0 77.9 116.9#

184 0.0 25.0 37.6#

