

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040755.D
 Acq On : 11 Oct 2023 12:41
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Quant Time: Oct 12 00:25:45 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	5.208	49	1140291	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	3171153	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	3106003	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2260269	9.890	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.758	85	430318	2.143	ppbv	99
3) Chlorodifluoromethane	2.703	51	351532	2.098	ppbv	100
4) Chloromethane	2.841	50	139527	2.109	ppbv	99
5) Vinyl Chloride	2.947	62	137400	2.010	ppbv	97
6) Bromomethane	3.147	94	58848	2.080	ppbv	99
7) Chloroethane	3.224	64	47059	2.114	ppbv	97
8) Dichlorotetrafluoroethane	2.883	85	318244	2.091	ppbv	96
9) Propene	2.722	41	127727	2.052	ppbv	94
10) Heptane	7.590	43	332875	2.129	ppbv	99
11) Trichlorofluoromethane	3.587	101	326683	2.108	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.086	101	234135	2.118	ppbv	99
13) Ethanol	3.279	45	27202	1.936	ppbv	89
14) Bromoethene	3.388	108	103937	2.196	ppbv	99
15) Acetone	3.497	43	268745	2.280	ppbv	100
16) 1,3-Butadiene	3.012	39	130954	2.118	ppbv	98
17) tert-Butyl alcohol	3.906	59	235183	1.946	ppbv	100
18) 1,1-Dichloroethene	3.902	96	106768	2.155	ppbv	98
19) Isopropyl Alcohol	3.603	45	144760	1.908	ppbv #	40
20) Methylene Chloride	3.954	84	97863	1.993	ppbv	93
21) Allyl Chloride	4.018	41	160969	2.070	ppbv	91
22) trans-1,2-Dichloroethene	4.465	96	100285	1.902	ppbv	93
23) Vinyl Acetate	4.645	43	281888	1.876	ppbv #	96
24) 1,1-Dichloroethane	4.578	63	230468	2.034	ppbv	99
25) Ethyl Acetate	5.224	43	548390	2.123	ppbv	99
26) Hexane	5.230	57	252557	2.139	ppbv	98
27) Carbon Disulfide	4.144	76	277812	2.133	ppbv #	91
28) Methyl tert-Butyl Ether	4.610	73	183379	1.998	ppbv	97
29) Chloroform	5.288	83	361434	2.116	ppbv	98
30) Cyclohexane	6.613	84	206031	2.051	ppbv	99
31) cis-1,2-Dichloroethene	5.095	61	230034	2.115	ppbv	93
32) 1,1,1-Trichloroethane	6.012	97	371591	2.044	ppbv	100
34) 2-Butanone	4.809	43	305925	2.131	ppbv	97
35) Carbon Tetrachloride	6.507	117	370859	2.084	ppbv	98
36) Benzene	6.381	78	518992	2.128	ppbv	99
37) 1,2-Dichloroethane	5.822	62	259527	2.078	ppbv	99
38) Trichloroethene	7.301	130	197535	1.830	ppbv	95
39) 1,2-Dichloropropane	7.082	63	199156	2.090	ppbv	96
40) 1,4-Dioxane	7.311	88	70809	1.964	ppbv #	95
41) Tetrahydrofuran	5.581	42	213303	2.146	ppbv	99
42) Bromodichloromethane	7.259	83	400497	2.140	ppbv	96
43) Methyl Methacrylate	7.487	69	206110	2.111	ppbv	100
44) 2,2,4-Trimethylpentane	7.340	57	886436	2.149	ppbv	99
45) t-1,3-Dichloropropene	8.716	75	161260	2.071	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040755.D
 Acq On : 11 Oct 2023 12:41
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

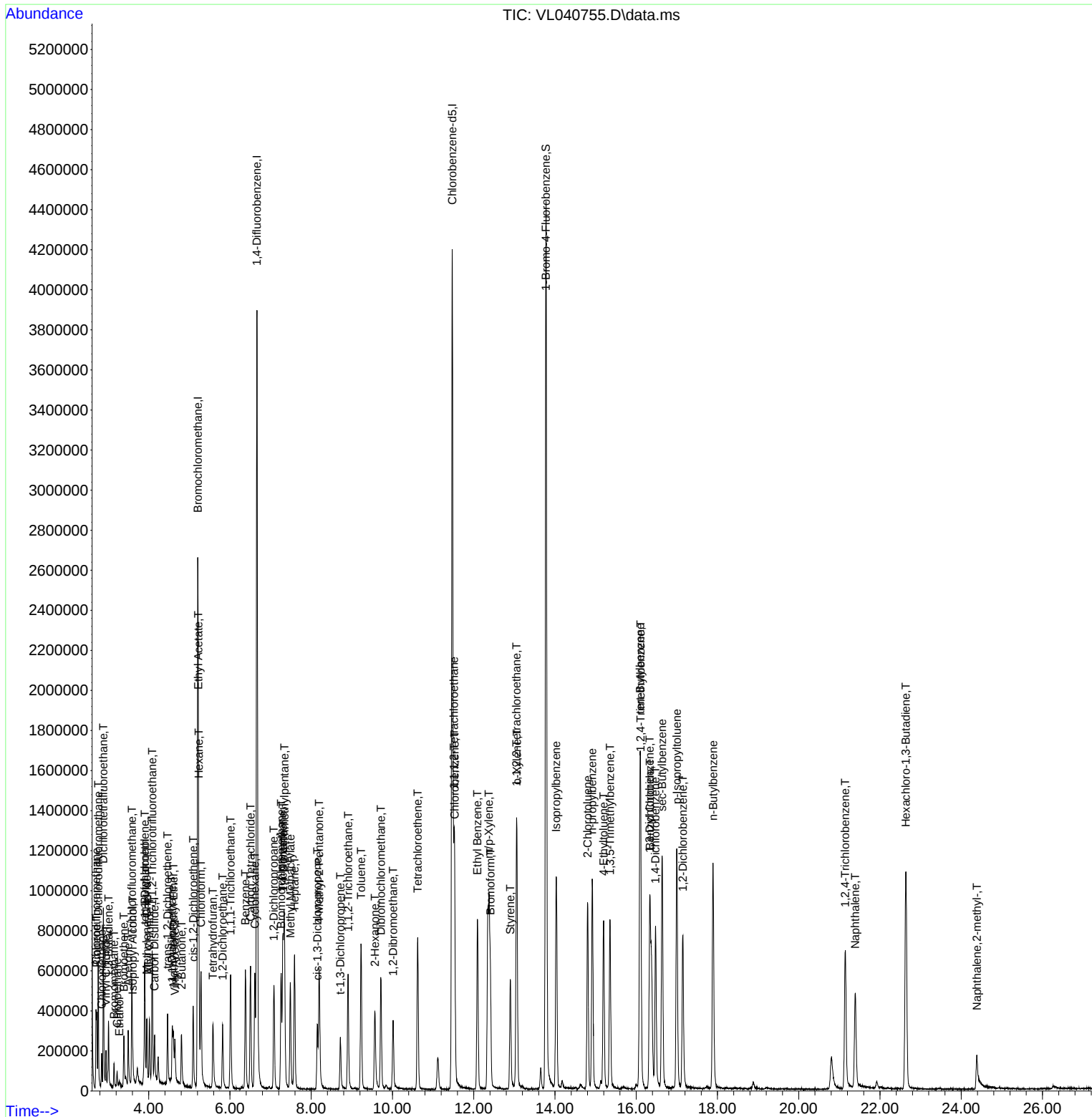
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

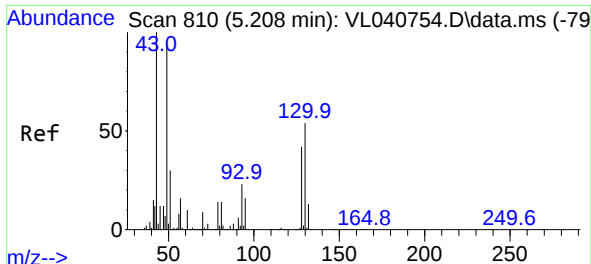
Quant Time: Oct 12 00:25:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	198461	2.086	ppbv	93
47) 1,1,2-Trichloroethane	8.909	97	211007	2.108	ppbv	95
48) Dibromochloromethane	9.719	129	355382	2.118	ppbv	99
49) Bromoform	12.410	173	303763	2.228	ppbv	99
50) 4-Methyl-2-Pentanone	8.195	43	535695	2.182	ppbv	100
51) 2-Hexanone	9.568	43	381826	2.043	ppbv #	93
52) Tetrachloroethene	10.622	164	200583	2.024	ppbv	94
53) Toluene	9.227	91	617192	2.126	ppbv	98
54) 1,2-Dibromoethane	10.015	107	297069	2.117	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.513	131	269662	2.127	ppbv #	1
57) Chlorobenzene	11.532	112	473619	2.128	ppbv	98
58) Ethyl Benzene	12.092	91	836972	2.140	ppbv	98
59) m/p-Xylene	12.371	91	241402	0.750	ppbv #	30
60) o-Xylene	13.063	91	653238	2.130	ppbv	99
61) Styrene	12.902	104	361667	2.128	ppbv	99
62) Isopropylbenzene	14.031	105	1019908	2.162	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.053	83	459963	2.000	ppbv	99
64) n-propylbenzene	14.918	120	273112	2.155	ppbv	93
65) tert-Butylbenzene	16.095	119	922882	2.169	ppbv	99
66) Benzyl Chloride	16.336	91	84763	1.977	ppbv #	92
67) sec-Butylbenzene	16.638	105	1273265	2.185	ppbv	99
69) p-Isopropyltoluene	16.998	119	1079368	2.211	ppbv	99
70) n-Butylbenzene	17.892	91	1068330	2.229	ppbv	98
71) 2-Chlorotoluene	14.802	91	746599	2.107	ppbv	100
72) 4-Ethyltoluene	15.198	105	780861	2.174	ppbv	100
73) 1,3,5-Trimethylbenzene	15.355	105	672409	2.127	ppbv	98
74) 1,2,4-Trimethylbenzene	16.111	105	753689	2.182	ppbv	97
75) 1,3-Dichlorobenzene	16.333	146	459460	2.138	ppbv	98
76) 1,4-Dichlorobenzene	16.474	146	440360	2.070	ppbv	98
77) 1,2-Dichlorobenzene	17.146	146	446072	2.116	ppbv	98
78) Hexachloro-1,3-Butadiene	22.638	225	235052	1.558	ppbv #	64
79) Naphthalene	21.390	128	677067	2.411	ppbv	96
80) Naphthalene,2-methyl-	24.384	142	166967	2.119	ppbv	96
81) 1,2,4-Trichlorobenzene	21.143	180	172967	1.134	ppbv #	9

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

Quant Time: Oct 12 00:25:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
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QLast Update : Thu Oct 12 00:21:08 2023
Response via : Initial Calibration

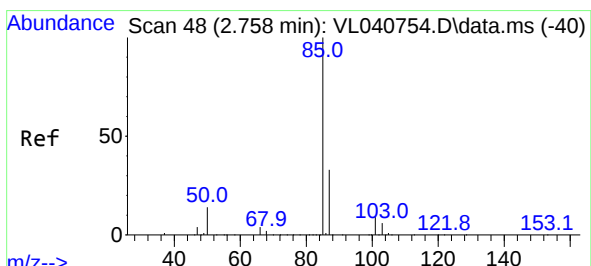
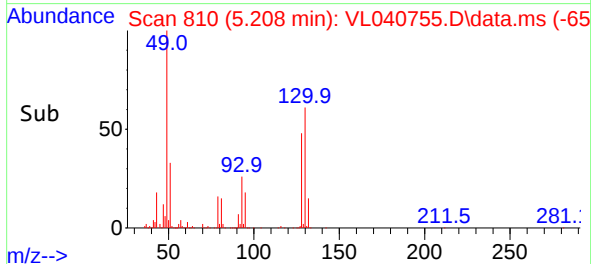
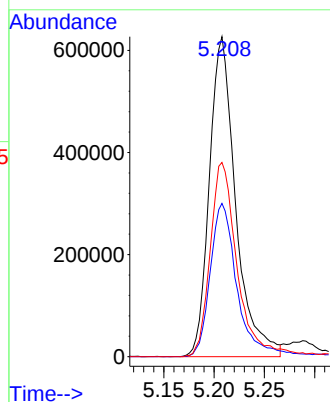
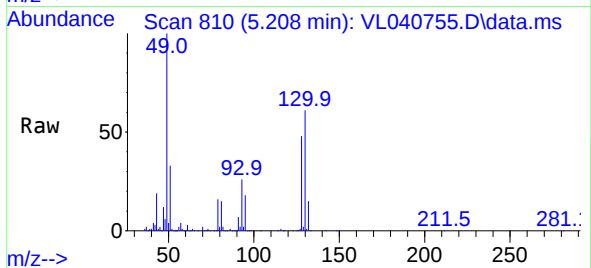




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

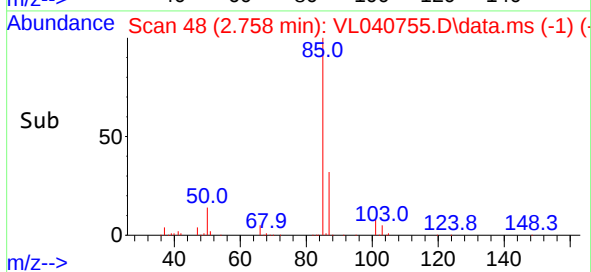
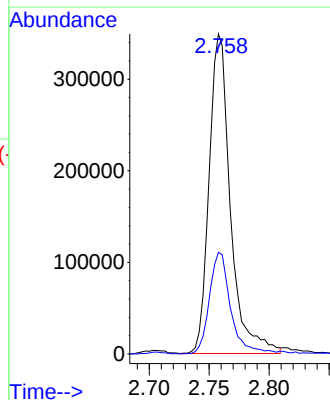
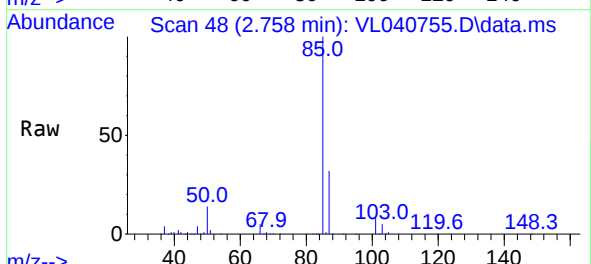
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 1140291
Ion Ratio Lower Upper
49 100
128 49.9 23.9 71.7
130 64.4 30.7 92.1

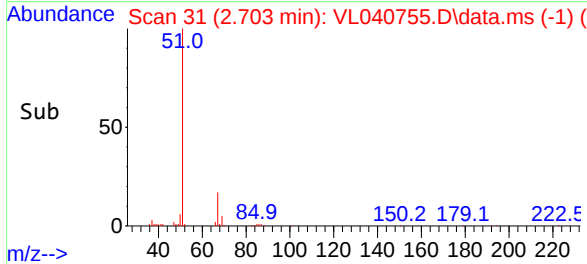
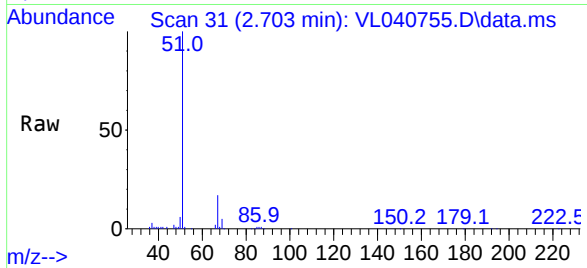
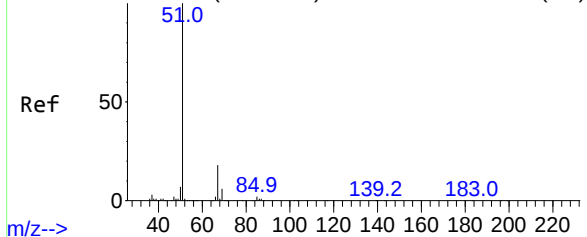


#2
Dichlorodifluoromethane
Concen: 2.143 ppbv
RT: 2.758 min Scan# 48
Delta R.T. 0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion: 85 Resp: 430318
Ion Ratio Lower Upper
85 100
87 31.8 26.0 39.0



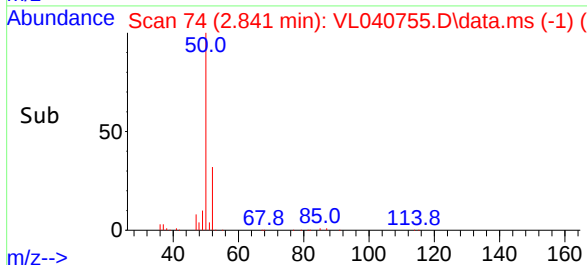
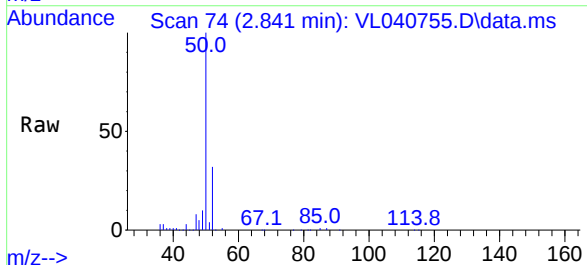
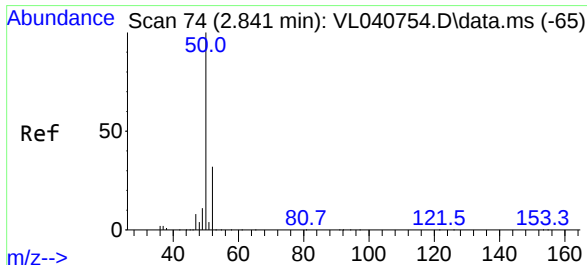
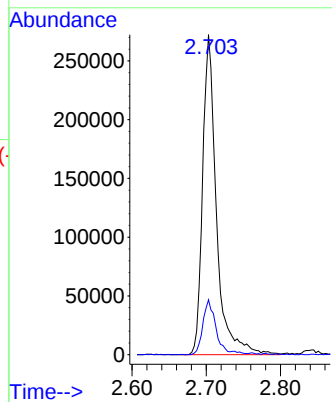
Abundance Scan 31 (2.703 min): VL040754.D\data.ms (-19)



#3
Chlorodifluoromethane
Concen: 2.098 ppbv
RT: 2.703 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

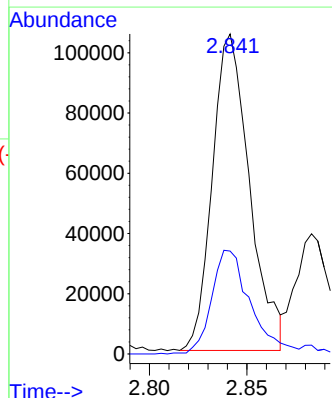
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

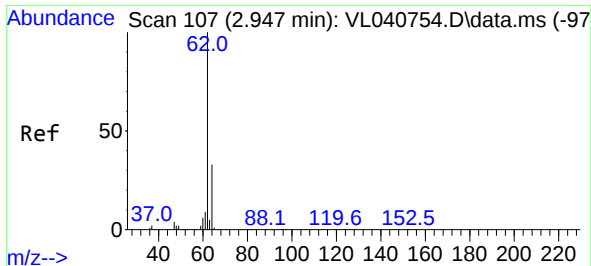
Tgt Ion: 51 Resp: 351532
Ion Ratio Lower Upper
51 100
67 17.2 13.8 20.6



#4
Chloromethane
Concen: 2.109 ppbv
RT: 2.841 min Scan# 74
Delta R.T. -0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion: 50 Resp: 139527
Ion Ratio Lower Upper
50 100
52 32.2 25.3 37.9

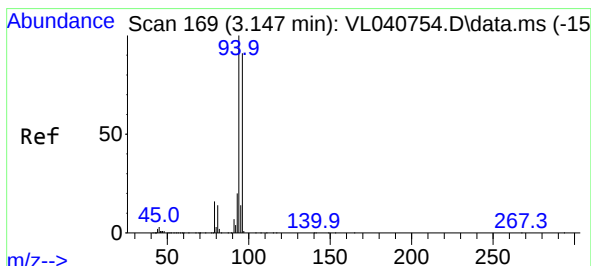
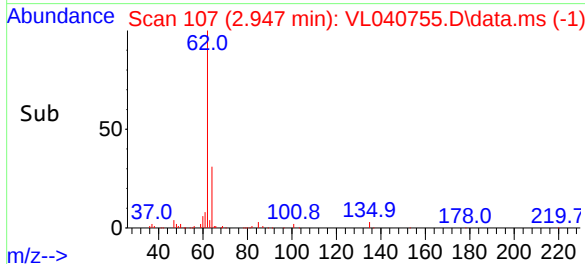
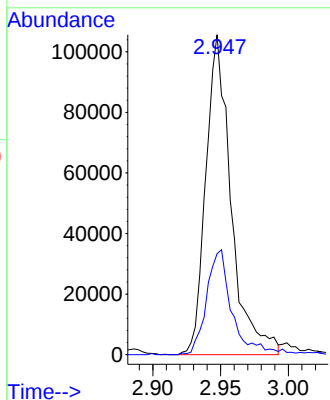
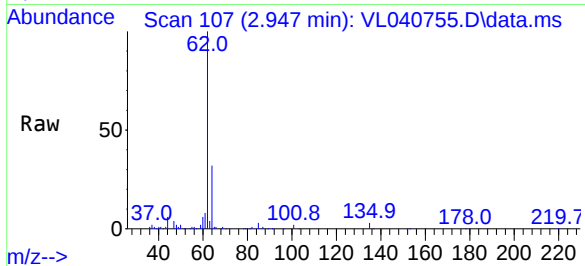




#5
 Vinyl Chloride
 Concen: 2.010 ppbv
 RT: 2.947 min Scan# 107
 Delta R.T. 0.000 min
 Lab File: VL040755.D
 Acq: 11 Oct 2023 12:41

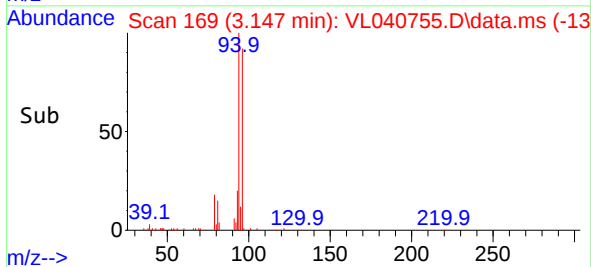
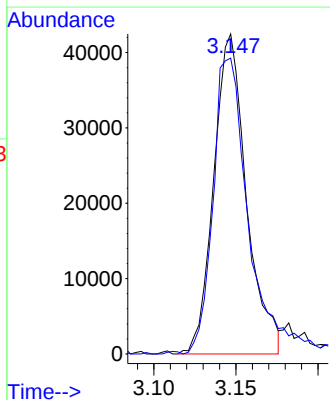
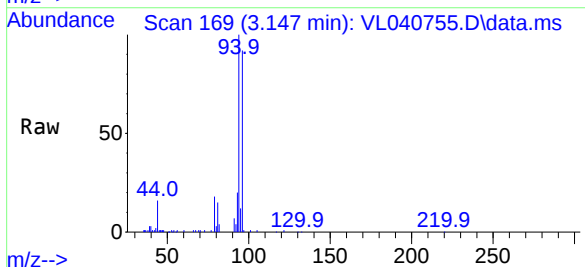
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

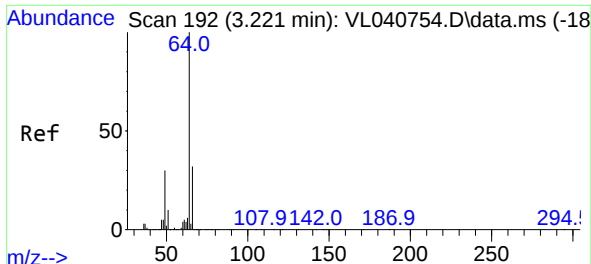
Tgt Ion: 62 Resp: 137400
 Ion Ratio Lower Upper
 62 100
 64 31.2 26.6 39.8



#6
 Bromomethane
 Concen: 2.080 ppbv
 RT: 3.147 min Scan# 169
 Delta R.T. 0.000 min
 Lab File: VL040755.D
 Acq: 11 Oct 2023 12:41

Tgt Ion: 94 Resp: 58848
 Ion Ratio Lower Upper
 94 100
 96 91.8 72.6 109.0

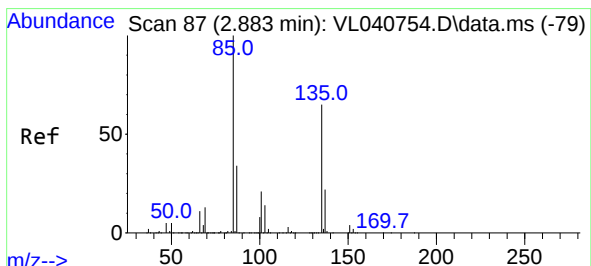
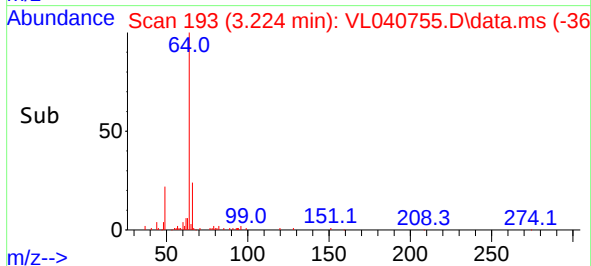
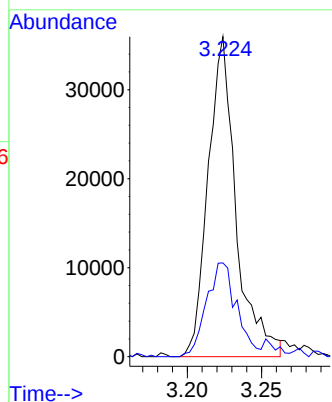
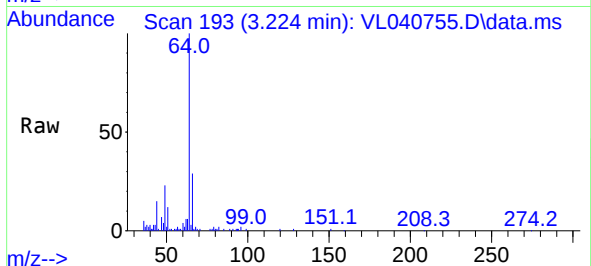




#7
Chloroethane
Concen: 2.114 ppbv
RT: 3.224 min Scan# 192
Delta R.T. 0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

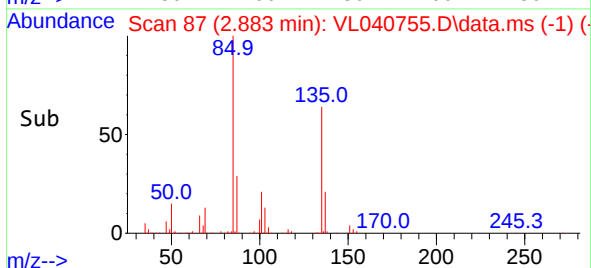
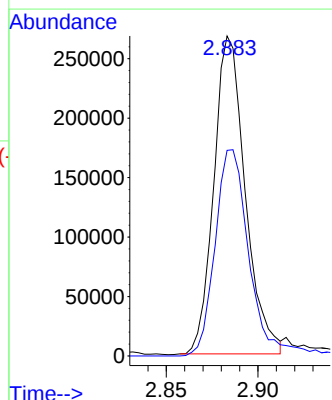
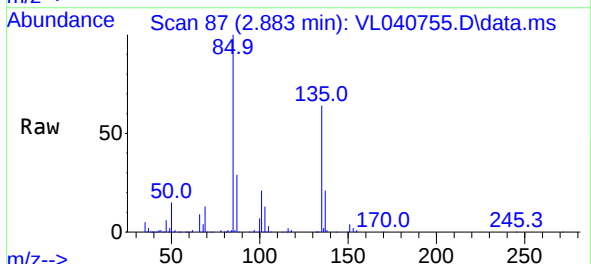
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 64 Resp: 47059
Ion Ratio Lower Upper
64 100
66 30.0 25.4 38.2

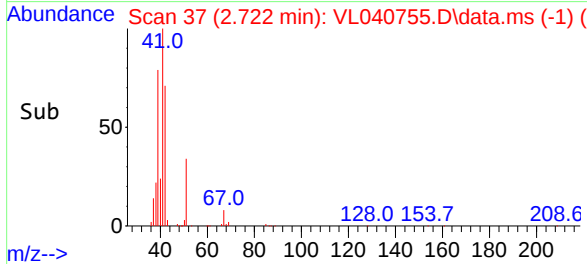
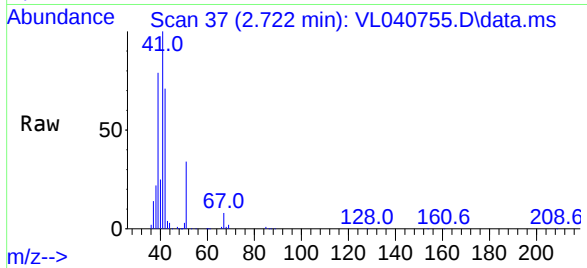
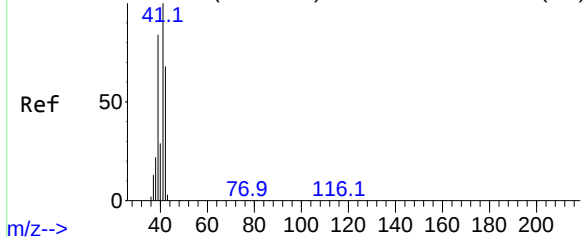


#8
Dichlorotetrafluoroethane
Concen: 2.091 ppbv
RT: 2.883 min Scan# 87
Delta R.T. -0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion: 85 Resp: 318244
Ion Ratio Lower Upper
85 100
135 72.6 55.4 83.2



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



#9

Propene

Concen: 2.052 ppbv

RT: 2.722 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL040755.D

Acq: 11 Oct 2023 12:41

Instrument :

MSVOA_L

ClientSampleId :

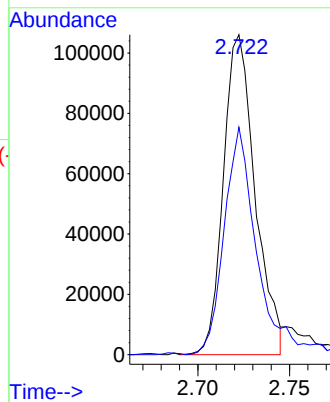
VSTDIC002

Tgt Ion: 41 Resp: 127727

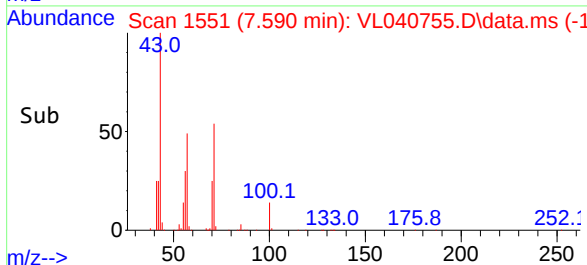
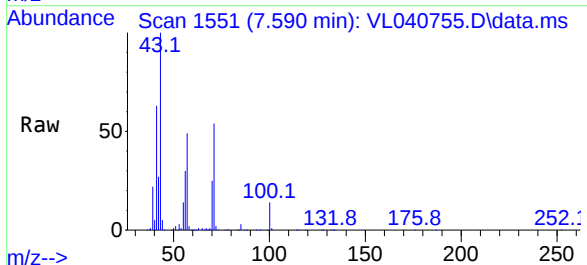
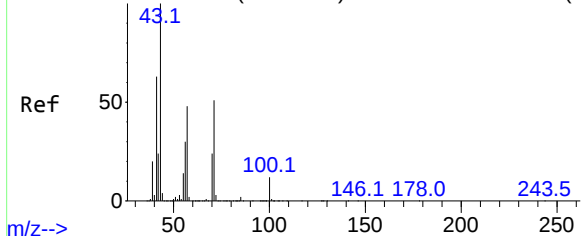
Ion Ratio Lower Upper

41 100

42 76.3 57.1 85.7



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



#10

Heptane

Concen: 2.129 ppbv

RT: 7.590 min Scan# 1551

Delta R.T. 0.000 min

Lab File: VL040755.D

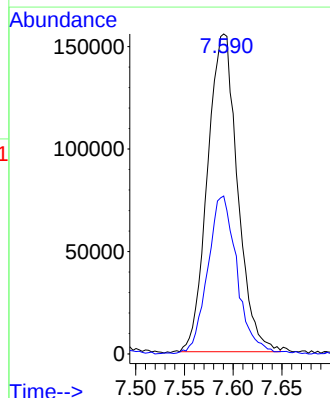
Acq: 11 Oct 2023 12:41

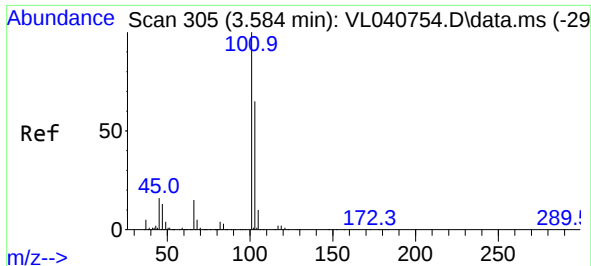
Tgt Ion: 43 Resp: 332875

Ion Ratio Lower Upper

43 100

57 49.1 40.0 60.0

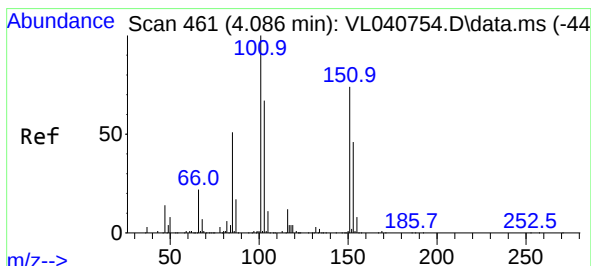
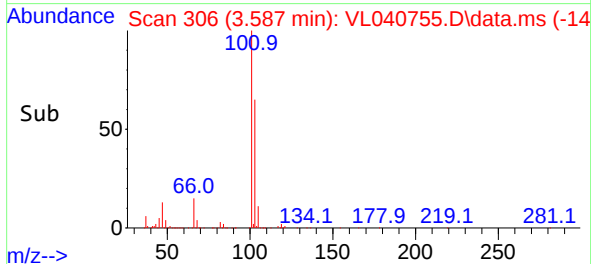
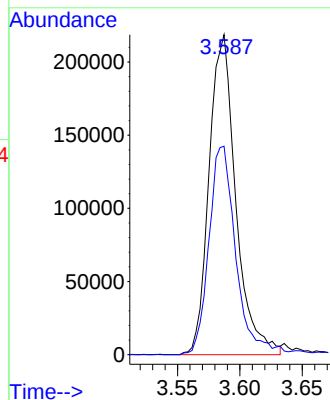
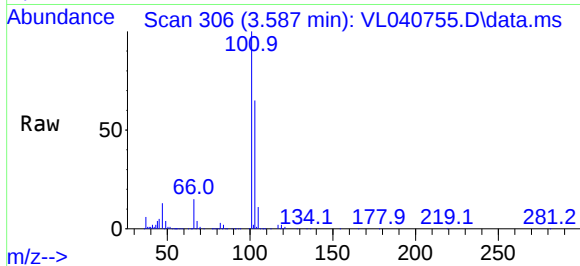




#11
Trichlorofluoromethane
Concen: 2.108 ppbv
RT: 3.587 min Scan# 305
Delta R.T. 0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

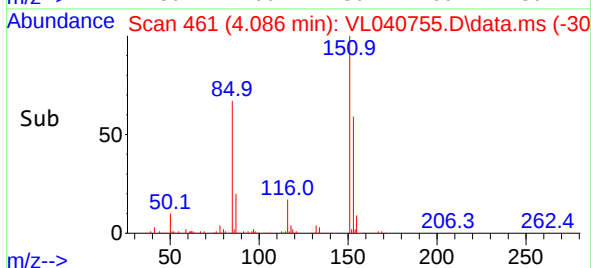
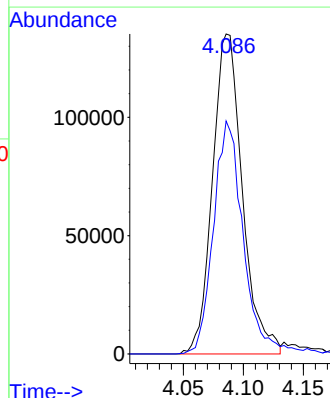
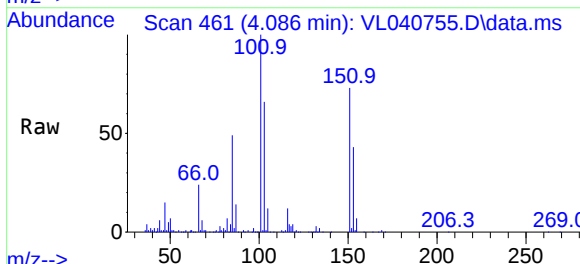
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

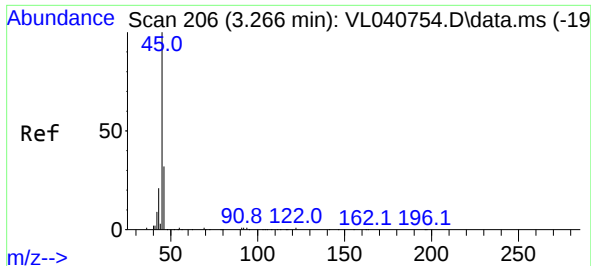
Tgt Ion:101 Resp: 326683
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.2



#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.118 ppbv
RT: 4.086 min Scan# 461
Delta R.T. 0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion:101 Resp: 234135
Ion Ratio Lower Upper
101 100
151 73.6 58.1 87.1





#13

Ethanol

Concen: 1.936 ppbv

RT: 3.279 min Scan# 210

Delta R.T. 0.013 min

Lab File: VL040755.D

Acq: 11 Oct 2023 12:41

Instrument :

MSVOA_L

ClientSampleId :

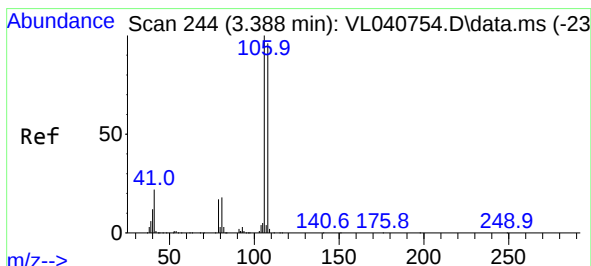
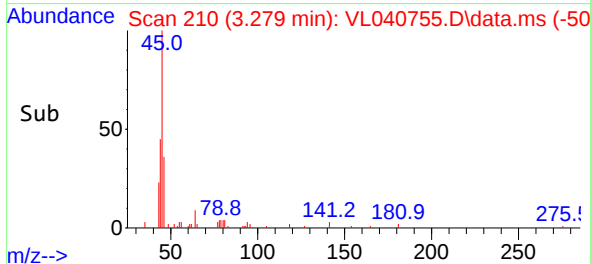
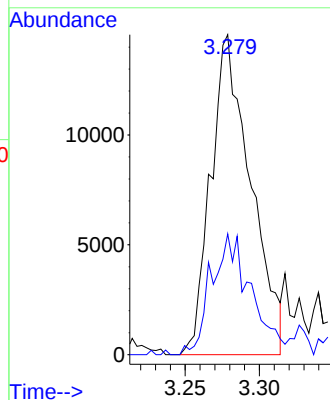
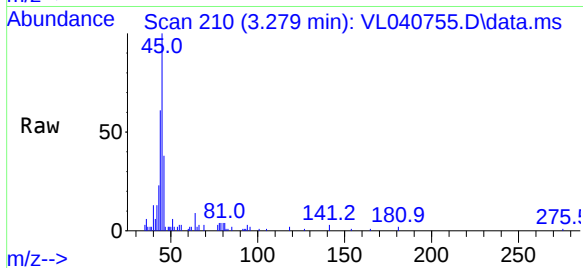
VSTDICC002

Tgt Ion: 45 Resp: 27202

Ion Ratio Lower Upper

45 100

46 42.8 14.6 58.2



#14

Bromoethene

Concen: 2.196 ppbv

RT: 3.388 min Scan# 244

Delta R.T. 0.000 min

Lab File: VL040755.D

Acq: 11 Oct 2023 12:41

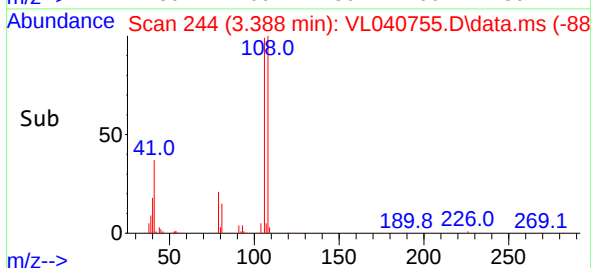
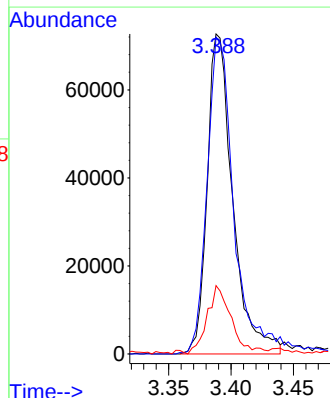
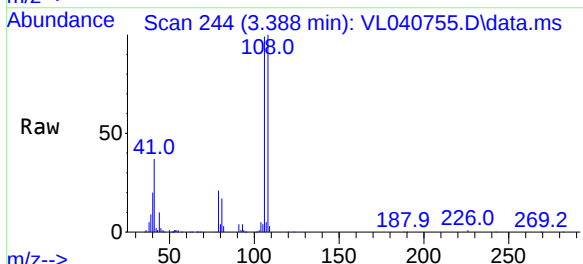
Tgt Ion:108 Resp: 103937

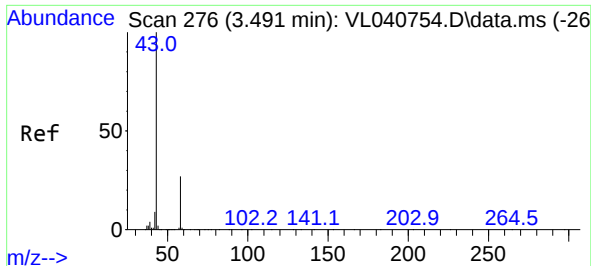
Ion Ratio Lower Upper

108 100

106 107.2 85.2 127.8

79 20.6 15.7 23.5

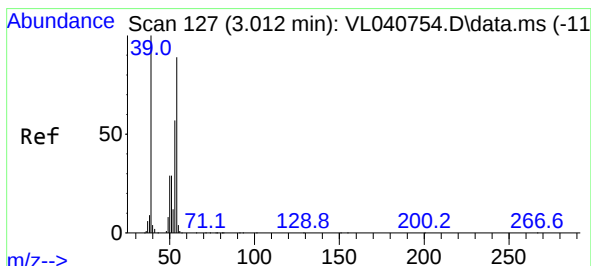
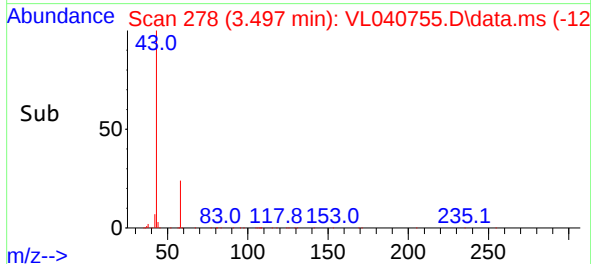
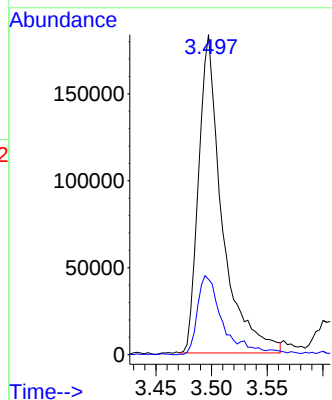
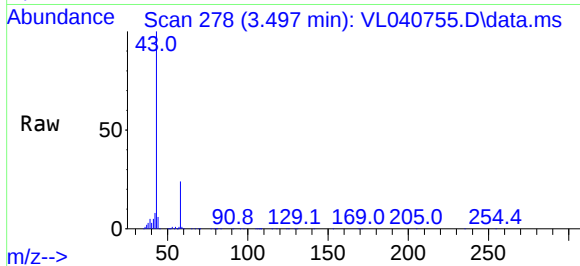




#15
Acetone
Concen: 2.280 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

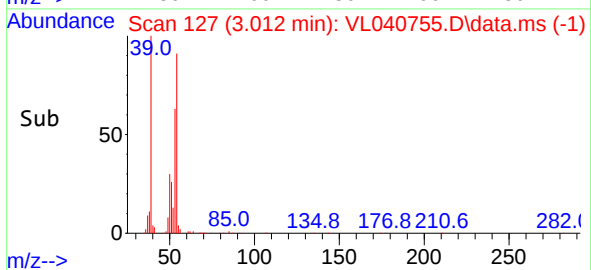
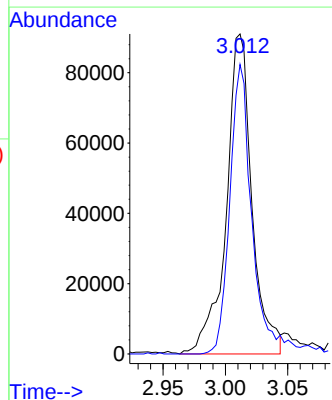
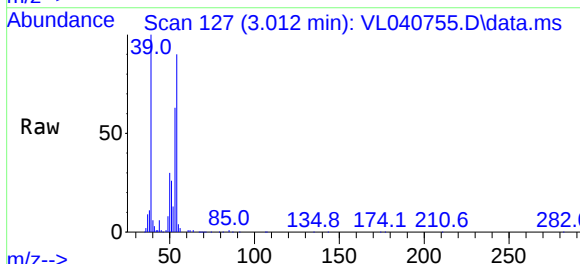
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

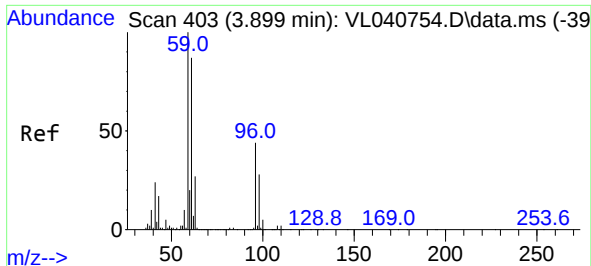
Tgt Ion: 43 Resp: 268745
Ion Ratio Lower Upper
43 100
58 27.1 21.6 32.4



#16
1,3-Butadiene
Concen: 2.118 ppbv
RT: 3.012 min Scan# 127
Delta R.T. -0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion: 39 Resp: 130954
Ion Ratio Lower Upper
39 100
54 80.8 63.0 94.6





#17

tert-Butyl alcohol

Concen: 1.946 ppbv

RT: 3.906 min Scan# 405

Delta R.T. 0.006 min

Lab File: VL040755.D

Acq: 11 Oct 2023 12:41

Instrument :

MSVOA_L

ClientSampleId :

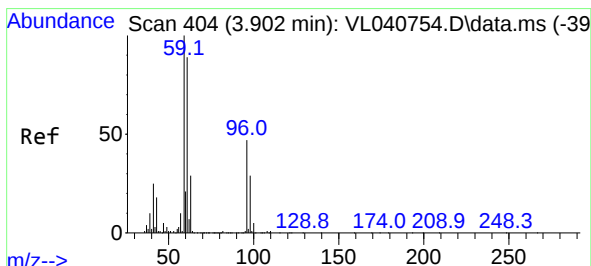
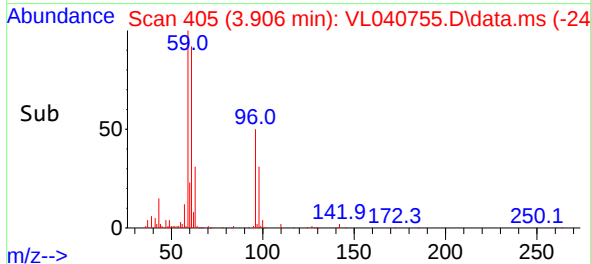
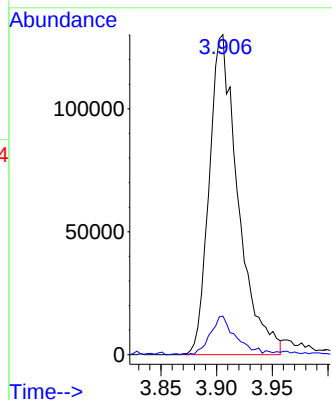
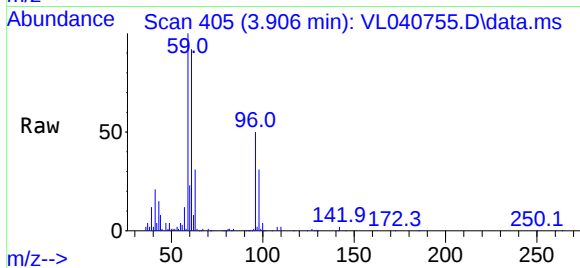
VSTDIC002

Tgt Ion: 59 Resp: 235183

Ion Ratio Lower Upper

59 100

57 10.7 8.6 13.0



#18

1,1-Dichloroethene

Concen: 2.155 ppbv

RT: 3.902 min Scan# 404

Delta R.T. -0.000 min

Lab File: VL040755.D

Acq: 11 Oct 2023 12:41

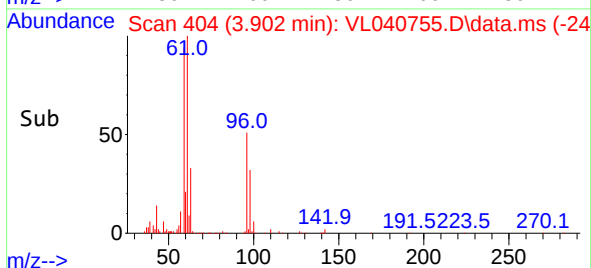
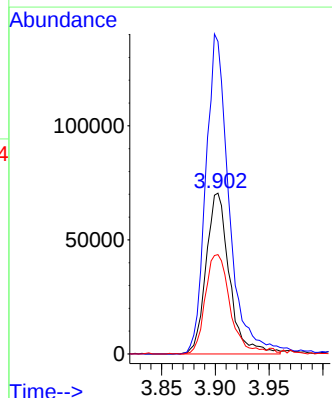
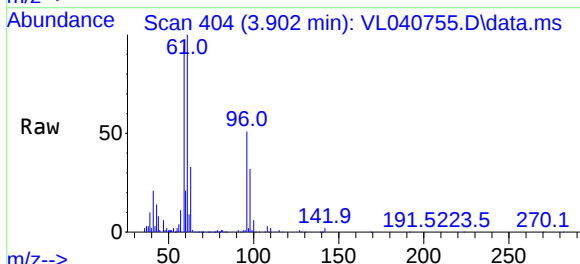
Tgt Ion: 96 Resp: 106768

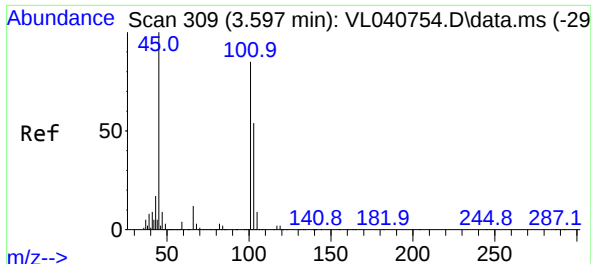
Ion Ratio Lower Upper

96 100

61 194.2 152.5 228.7

98 61.8 49.6 74.4





#19

Isopropyl Alcohol

Concen: 1.908 ppbv

RT: 3.603 min Scan# 311

Delta R.T. 0.006 min

Lab File: VL040755.D

Acq: 11 Oct 2023 12:41

Instrument :

MSVOA_L

ClientSampleId :

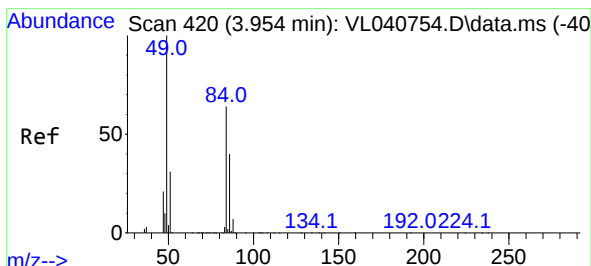
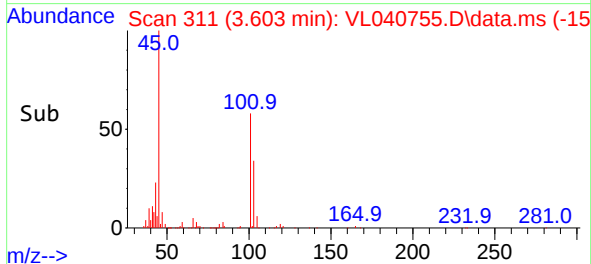
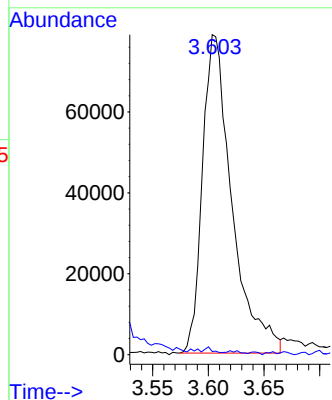
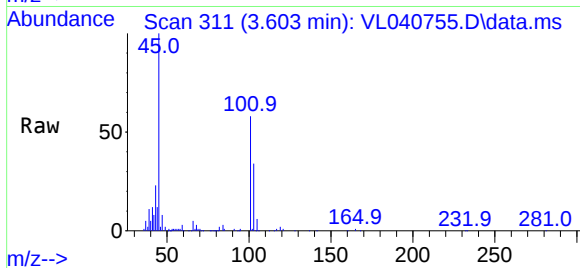
VSTDICC002

Tgt Ion: 45 Resp: 144760

Ion Ratio Lower Upper

45 100

58 1.7 30.3 45.5#



#20

Methylene Chloride

Concen: 1.993 ppbv

RT: 3.954 min Scan# 420

Delta R.T. -0.000 min

Lab File: VL040755.D

Acq: 11 Oct 2023 12:41

Tgt Ion: 84 Resp: 97863

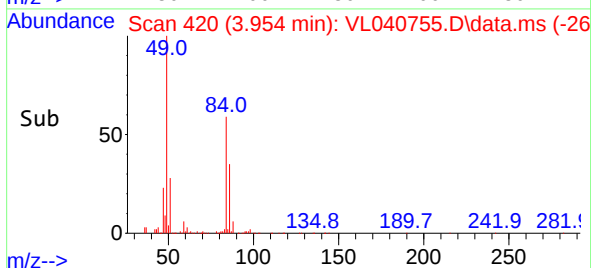
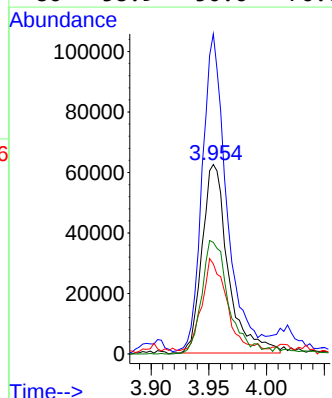
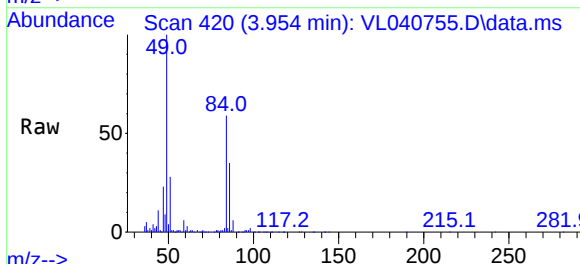
Ion Ratio Lower Upper

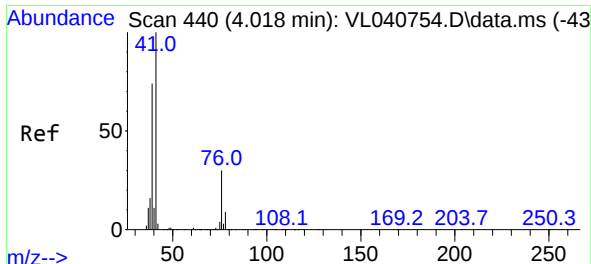
84 100

49 167.2 125.6 188.4

51 46.0 38.9 58.3

86 58.9 50.6 76.0

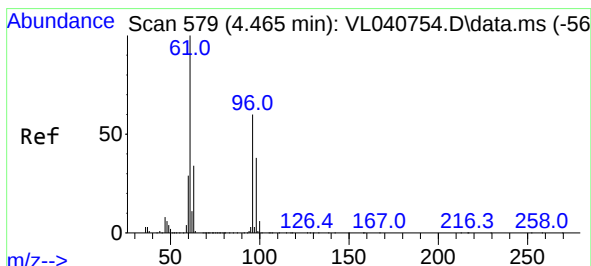
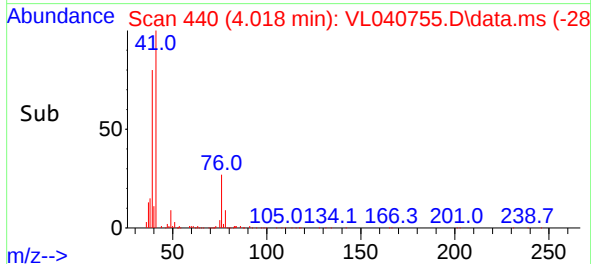
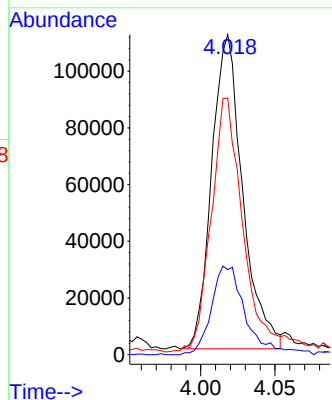
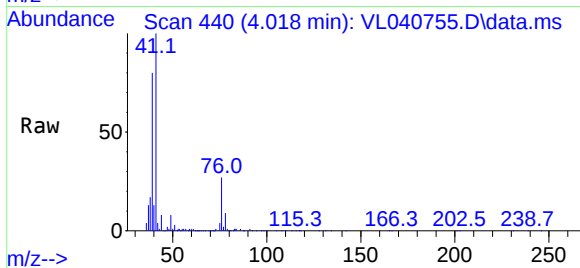




#21
 Allyl Chloride
 Concen: 2.070 ppbv
 RT: 4.018 min Scan# 440
 Delta R.T. 0.000 min
 Lab File: VL040755.D
 Acq: 11 Oct 2023 12:41

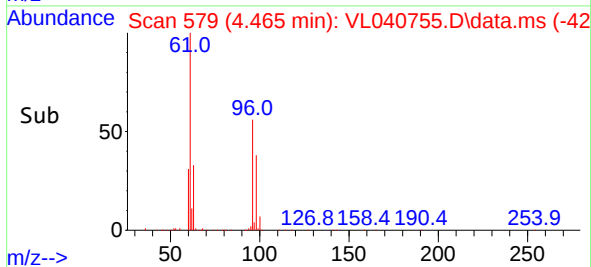
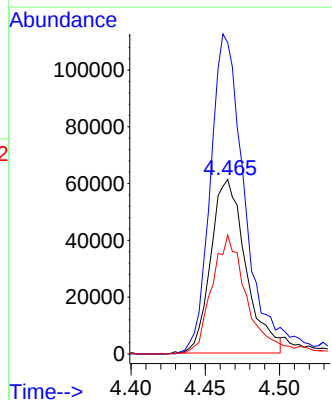
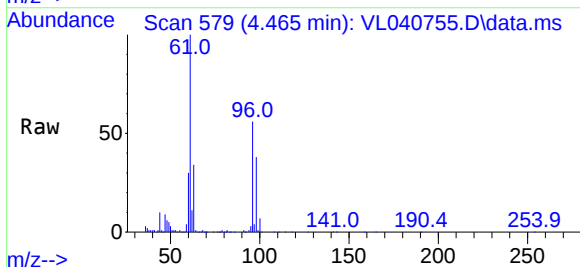
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

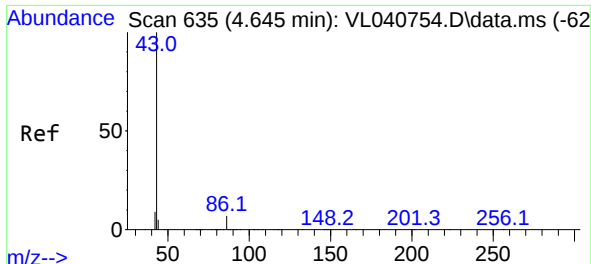
Tgt Ion: 41 Resp: 160969
 Ion Ratio Lower Upper
 41 100
 76 31.1 24.1 36.1
 39 89.6 63.8 95.6



#22
 trans-1,2-Dichloroethene
 Concen: 1.902 ppbv
 RT: 4.465 min Scan# 579
 Delta R.T. -0.000 min
 Lab File: VL040755.D
 Acq: 11 Oct 2023 12:41

Tgt Ion: 96 Resp: 100285
 Ion Ratio Lower Upper
 96 100
 61 178.2 134.0 201.0
 98 68.1 51.0 76.4



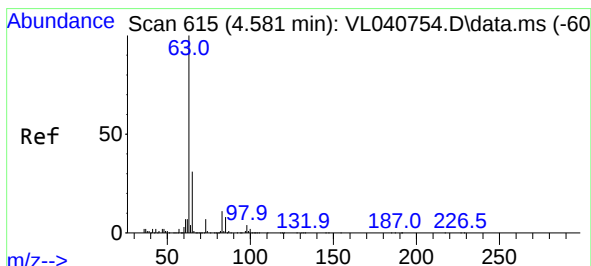
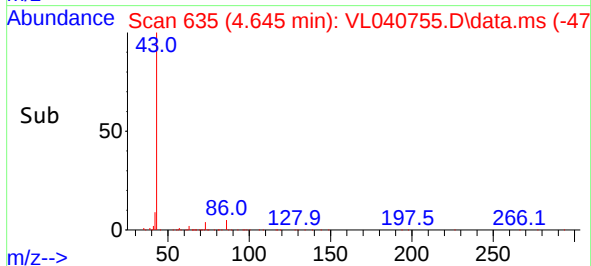
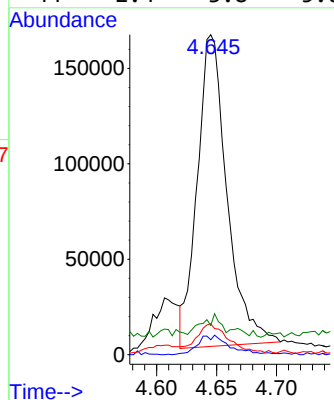
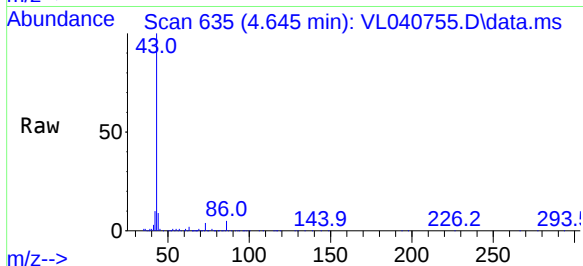


#23
 Vinyl Acetate
 Concen: 1.876 ppbv
 RT: 4.645 min Scan# 614
 Delta R.T. 0.000 min
 Lab File: VL040755.D
 Acq: 11 Oct 2023 12:41

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

Tgt Ion: 43 Resp: 281888

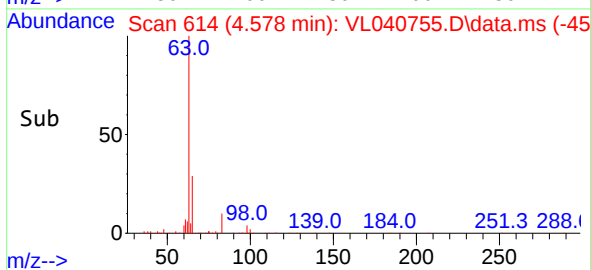
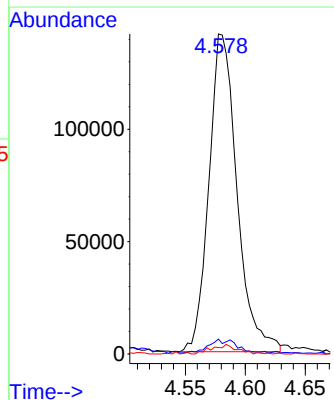
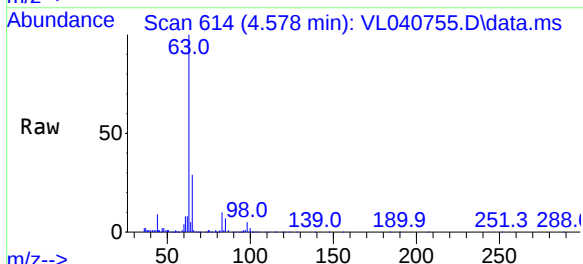
Ion	Ratio	Lower	Upper
43	100		
86	4.4	4.9	7.3#
42	9.1	7.8	11.6
44	2.4	3.8	5.6#

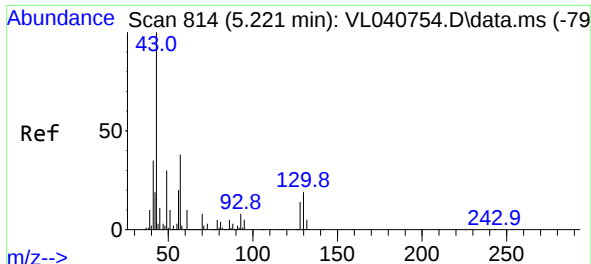


#24
 1,1-Dichloroethane
 Concen: 2.034 ppbv
 RT: 4.578 min Scan# 614
 Delta R.T. -0.003 min
 Lab File: VL040755.D
 Acq: 11 Oct 2023 12:41

Tgt Ion: 63 Resp: 230468

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.0	5.8
100	2.0	1.3	3.8





#25

Ethyl Acetate

Concen: 2.123 ppbv

RT: 5.224 min Scan# 814

Delta R.T. 0.003 min

Lab File: VL040755.D

Acq: 11 Oct 2023 12:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 43 Resp: 548390

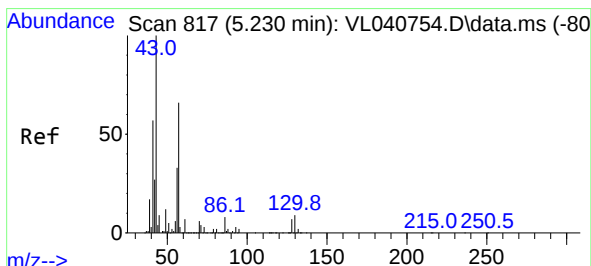
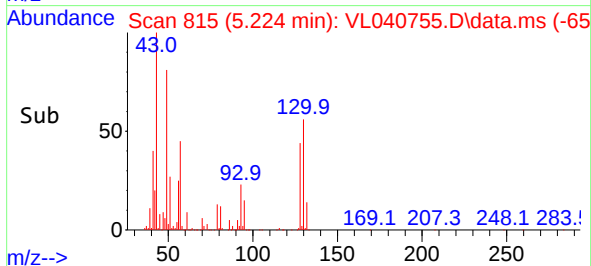
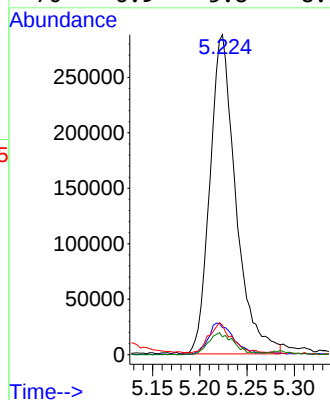
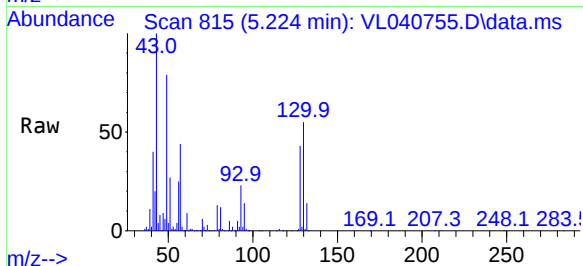
Ion Ratio Lower Upper

43 100

45 10.5 8.2 12.4

61 10.4 8.2 12.2

70 6.9 5.8 8.6



#26

Hexane

Concen: 2.139 ppbv

RT: 5.230 min Scan# 817

Delta R.T. 0.000 min

Lab File: VL040755.D

Acq: 11 Oct 2023 12:41

Tgt Ion: 57 Resp: 252557

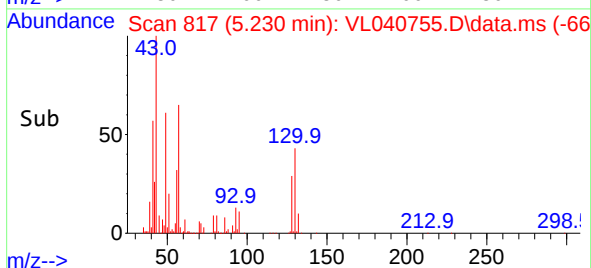
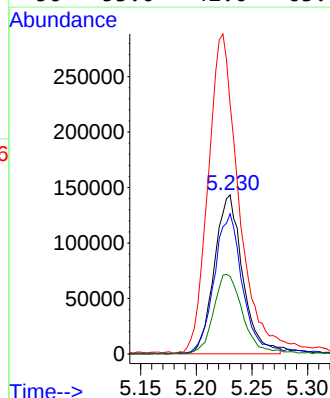
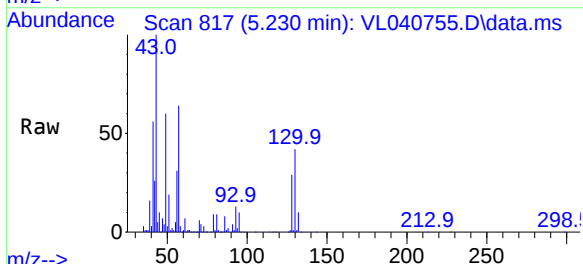
Ion Ratio Lower Upper

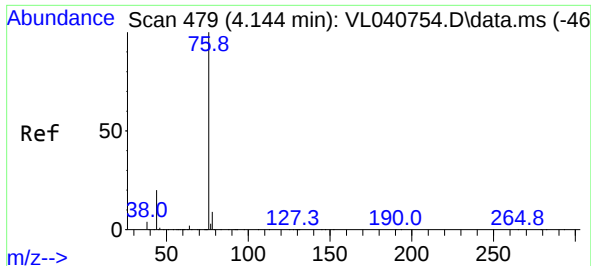
57 100

41 91.3 71.4 107.2

43 224.8 182.3 273.5

56 53.0 42.0 63.0

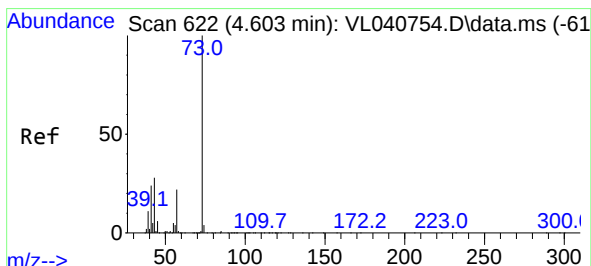
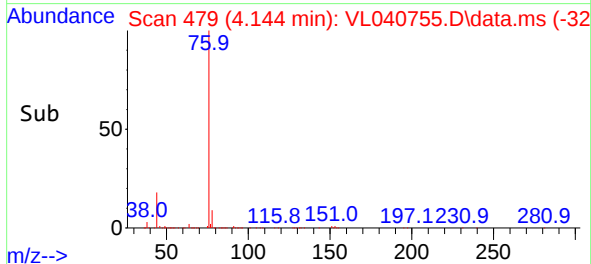
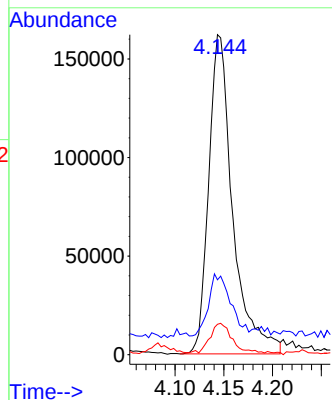
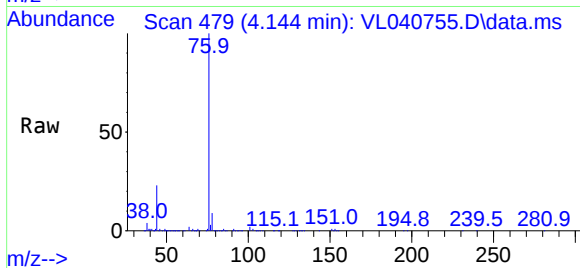




#27
Carbon Disulfide
Concen: 2.133 ppbv
RT: 4.144 min Scan# 479
Delta R.T. -0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

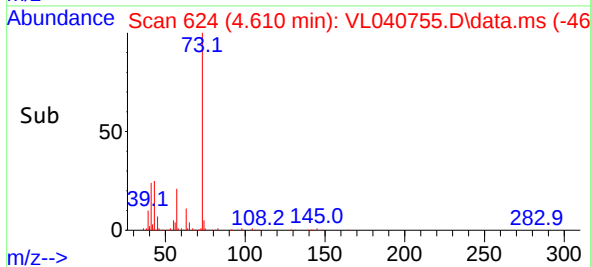
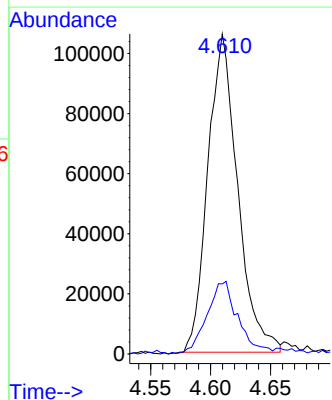
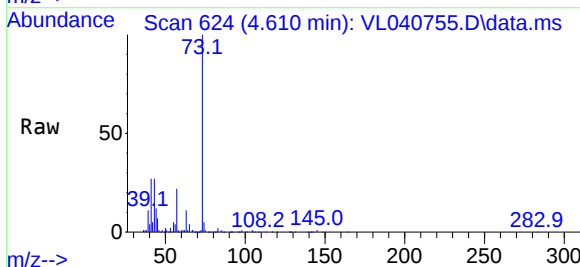
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

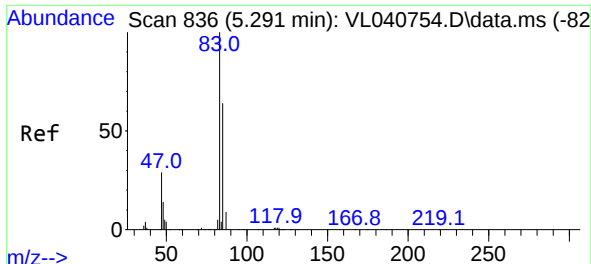
Tgt Ion: 76 Resp: 277812
Ion Ratio Lower Upper
76 100
44 26.8 16.6 25.0#
78 10.3 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 1.998 ppbv
RT: 4.610 min Scan# 624
Delta R.T. 0.006 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion: 73 Resp: 183379
Ion Ratio Lower Upper
73 100
57 25.2 18.9 28.3





#29

Chloroform

Concen: 2.116 ppbv

RT: 5.288 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040755.D

Acq: 11 Oct 2023 12:41

Instrument :

MSVOA_L

ClientSampleId :

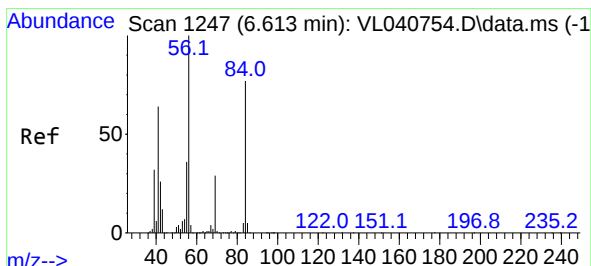
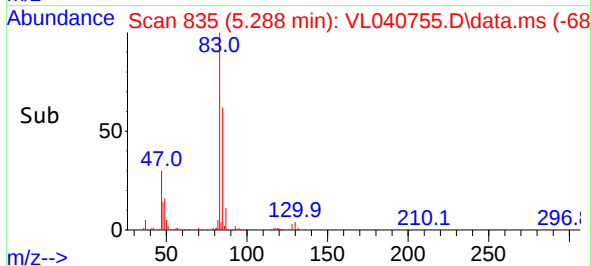
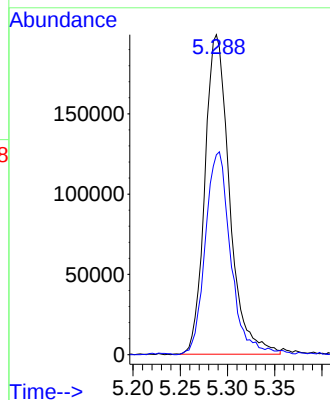
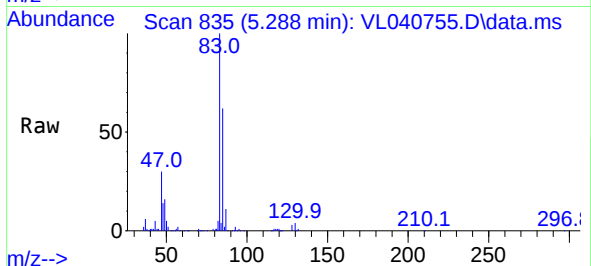
VSTDIC002

Tgt Ion: 83 Resp: 361434

Ion Ratio Lower Upper

83 100

85 62.4 51.3 76.9



#30

Cyclohexane

Concen: 2.051 ppbv

RT: 6.613 min Scan# 1247

Delta R.T. 0.000 min

Lab File: VL040755.D

Acq: 11 Oct 2023 12:41

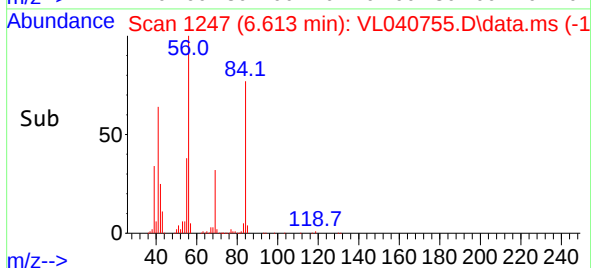
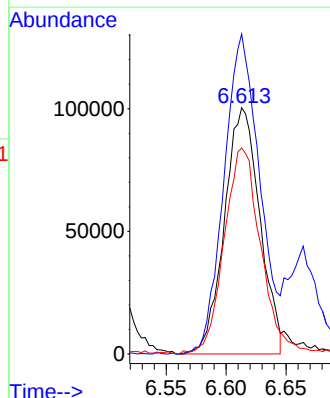
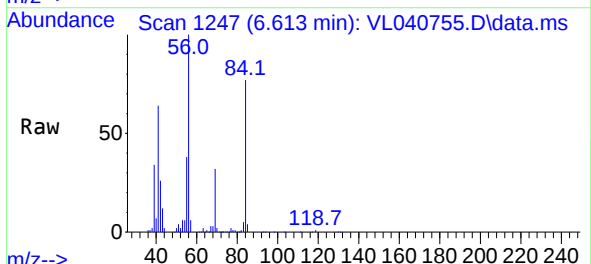
Tgt Ion: 84 Resp: 206031

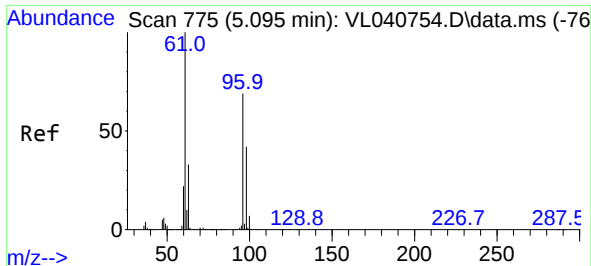
Ion Ratio Lower Upper

84 100

56 137.1 110.3 165.5

41 86.2 67.4 101.2

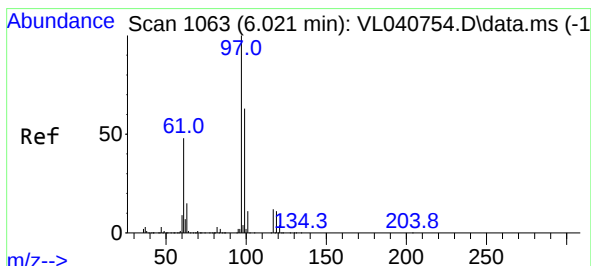
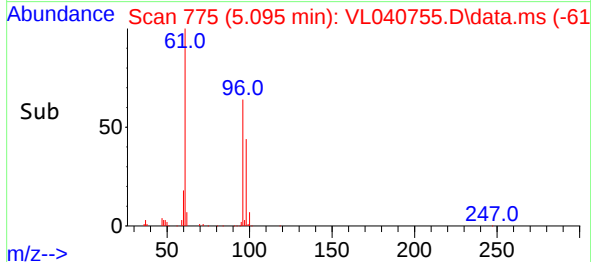
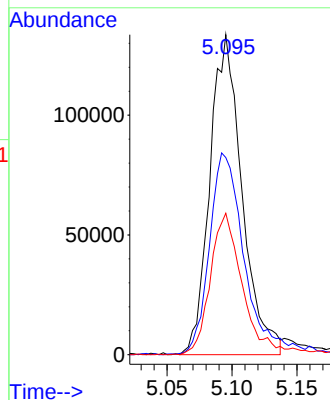
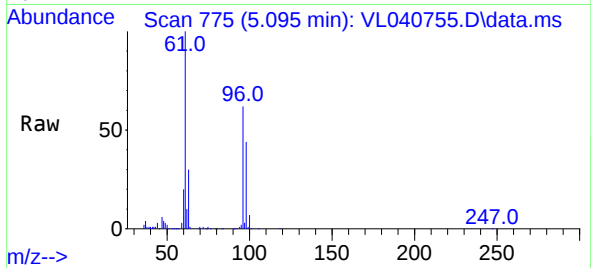




#31
 cis-1,2-Dichloroethene
 Concen: 2.115 ppbv
 RT: 5.095 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL040755.D
 Acq: 11 Oct 2023 12:41

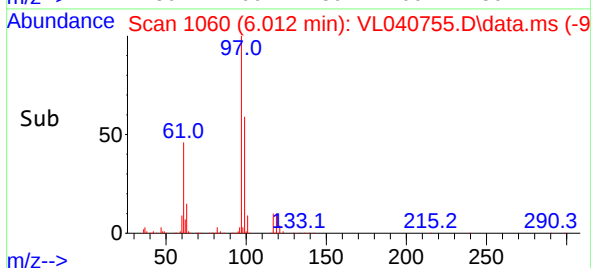
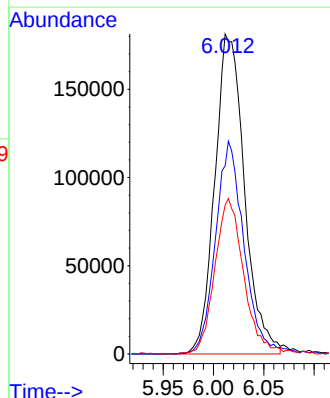
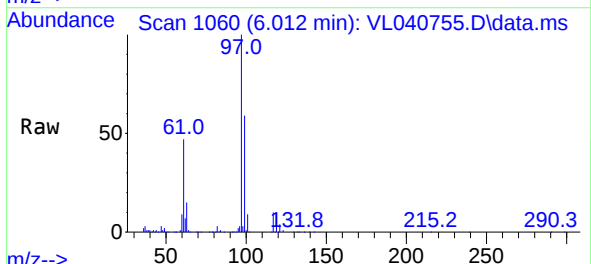
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

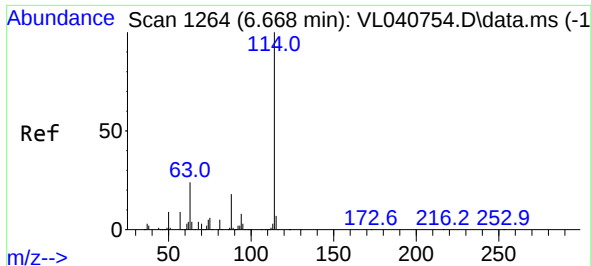
Tgt Ion: 61 Resp: 230034
 Ion Ratio Lower Upper
 61 100
 96 61.2 55.1 82.7
 98 44.2 33.5 50.3



#32
 1,1,1-Trichloroethane
 Concen: 2.044 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. -0.010 min
 Lab File: VL040755.D
 Acq: 11 Oct 2023 12:41

Tgt Ion: 97 Resp: 371591
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.8 77.6
 61 48.0 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040755.D

Acq: 11 Oct 2023 12:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

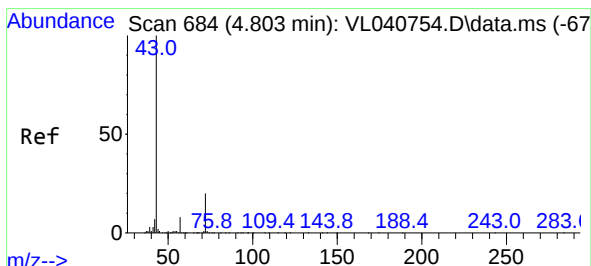
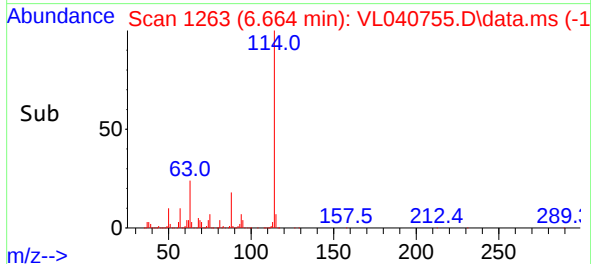
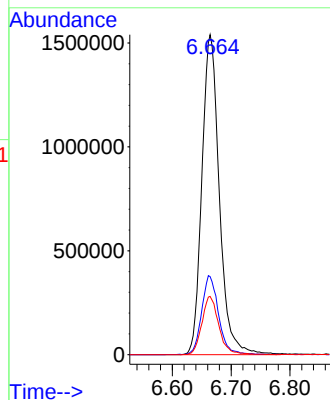
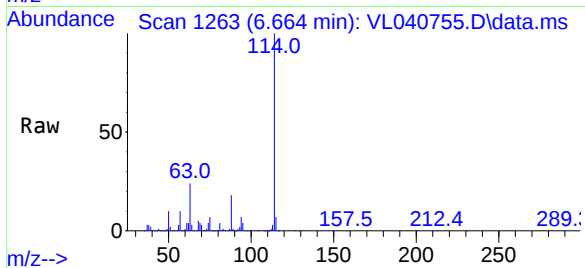
Tgt Ion:114 Resp: 3171153

Ion Ratio Lower Upper

114 100

63 24.1 19.8 29.6

88 17.8 14.2 21.2



#34

2-Butanone

Concen: 2.131 ppbv

RT: 4.809 min Scan# 686

Delta R.T. 0.006 min

Lab File: VL040755.D

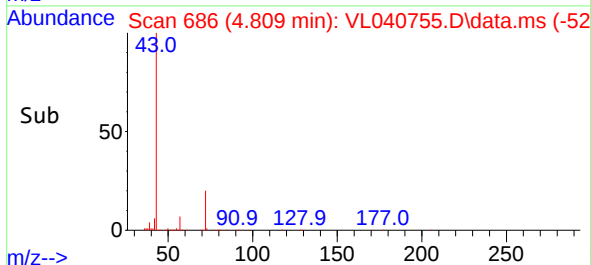
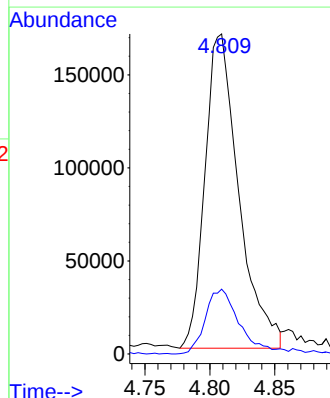
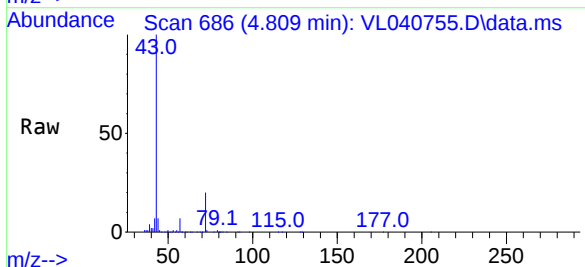
Acq: 11 Oct 2023 12:41

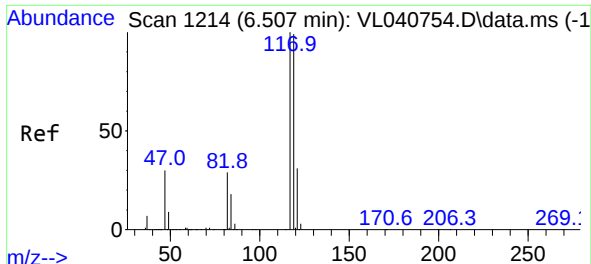
Tgt Ion: 43 Resp: 305925

Ion Ratio Lower Upper

43 100

72 22.4 16.8 25.2

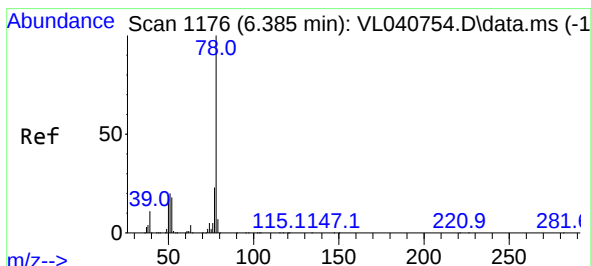
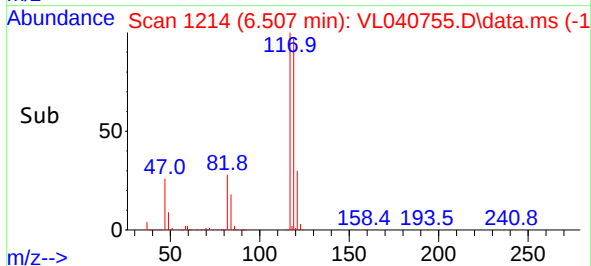
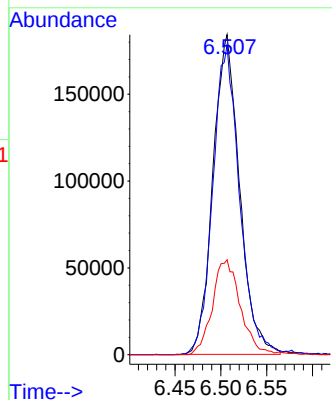
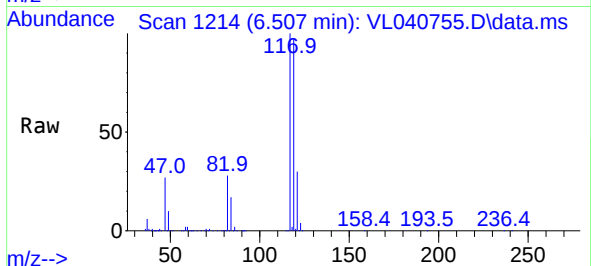




#35
Carbon Tetrachloride
Concen: 2.084 ppbv
RT: 6.507 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

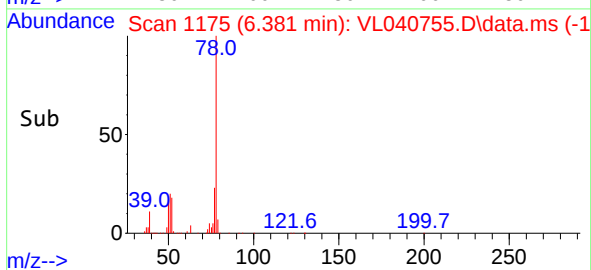
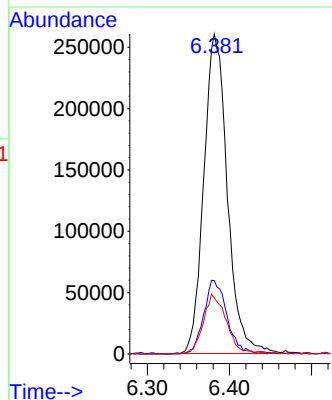
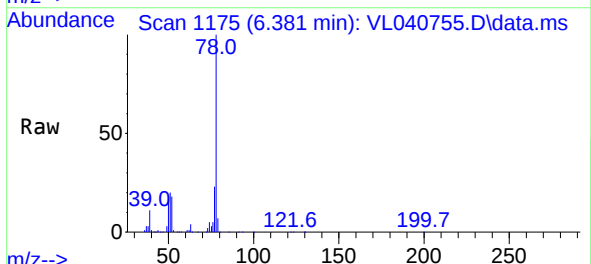
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

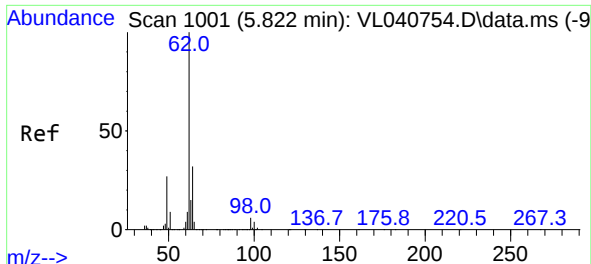
Tgt Ion:117 Resp: 370859
Ion Ratio Lower Upper
117 100
119 96.9 79.4 119.0
121 29.7 25.0 37.4



#36
Benzene
Concen: 2.128 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion: 78 Resp: 518992
Ion Ratio Lower Upper
78 100
77 23.0 18.4 27.6
50 17.4 15.0 22.4

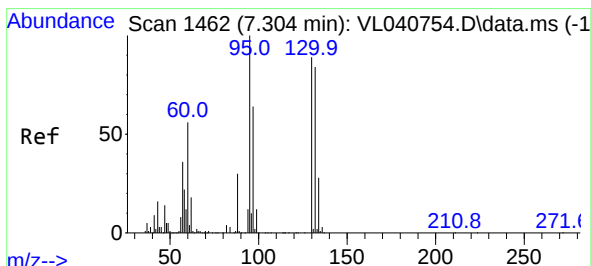
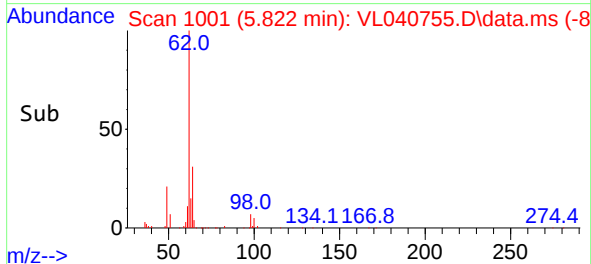
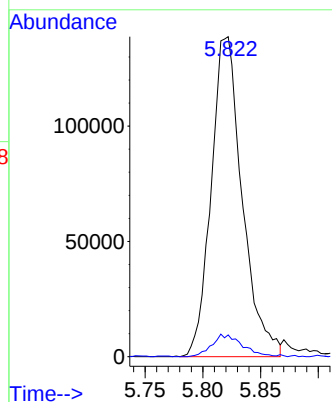
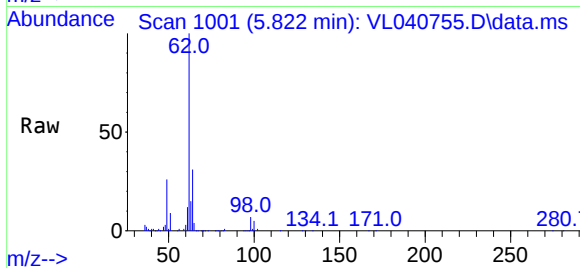




#37
1,2-Dichloroethane
Concen: 2.078 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

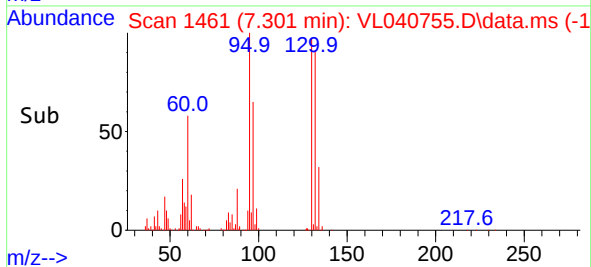
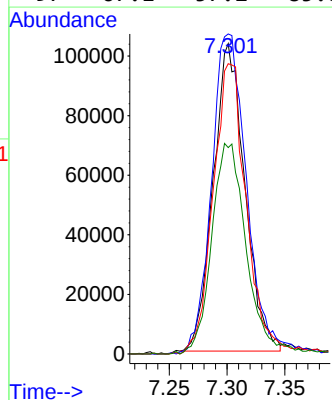
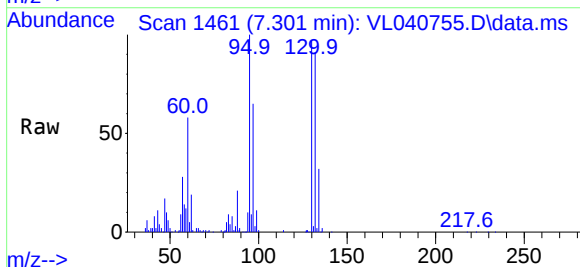
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

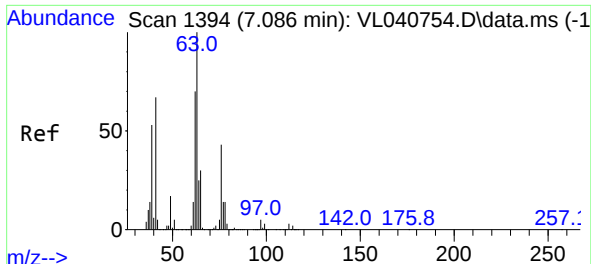
Tgt Ion: 62 Resp: 259527
Ion Ratio Lower Upper
62 100
98 7.0 5.4 8.0



#38
Trichloroethene
Concen: 1.830 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. -0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion: 130 Resp: 197535
Ion Ratio Lower Upper
130 100
95 103.4 89.4 134.2
132 94.1 74.8 112.2
97 67.1 57.2 85.8





#39

1,2-Dichloropropane

Concen: 2.090 ppbv

RT: 7.082 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040755.D

Acq: 11 Oct 2023 12:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

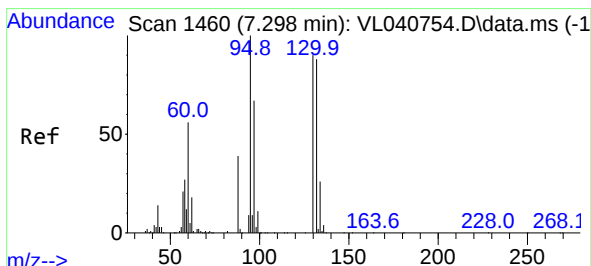
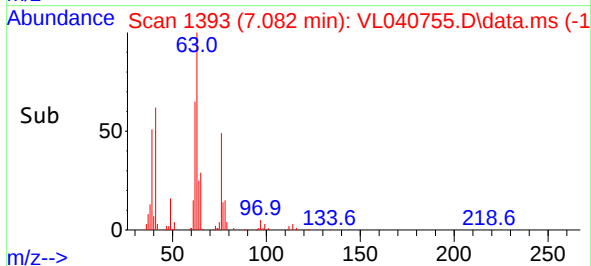
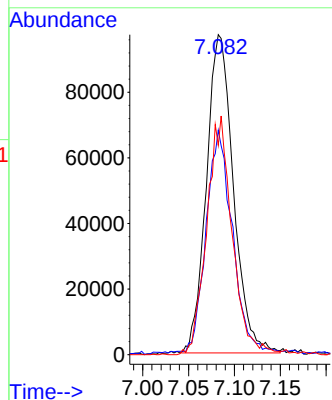
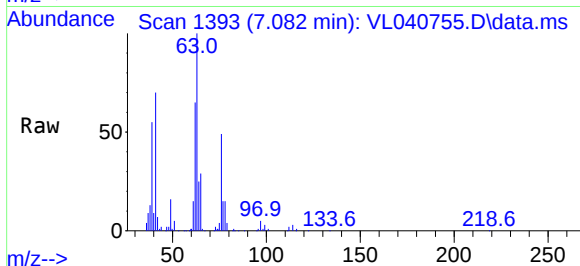
Tgt Ion: 63 Resp: 199156

Ion Ratio Lower Upper

63 100

41 69.5 53.7 80.5

62 65.5 55.7 83.5



#40

1,4-Dioxane

Concen: 1.964 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.013 min

Lab File: VL040755.D

Acq: 11 Oct 2023 12:41

Tgt Ion: 88 Resp: 70809

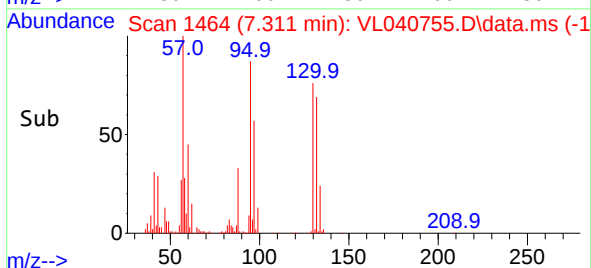
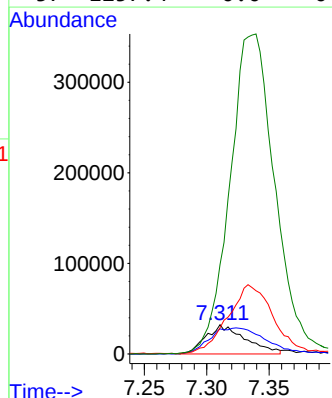
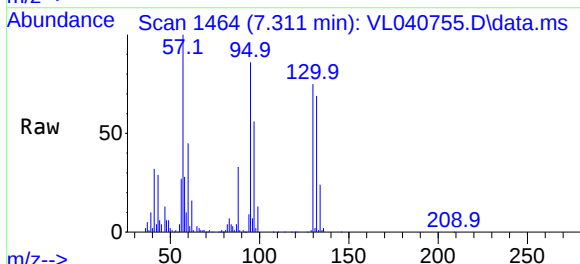
Ion Ratio Lower Upper

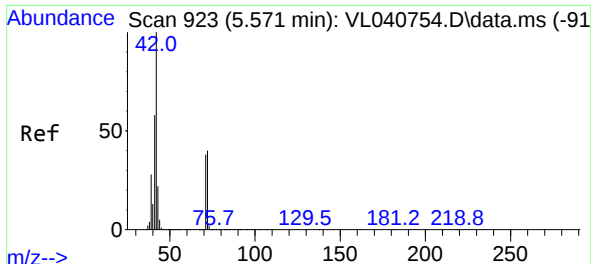
88 100

58 130.9 100.0 150.0

43 269.9 0.0 0.0#

57 1257.4 0.0 0.0#





#41

Tetrahydrofuran

Concen: 2.146 ppbv

RT: 5.581 min Scan# 91

Delta R.T. 0.010 min

Lab File: VL040755.D

Acq: 11 Oct 2023 12:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

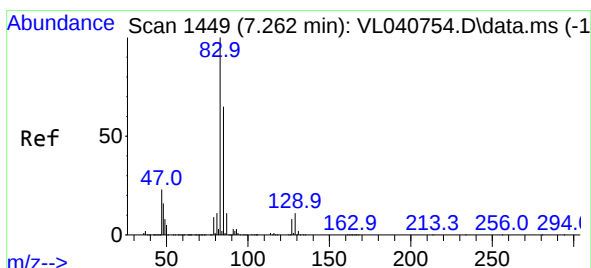
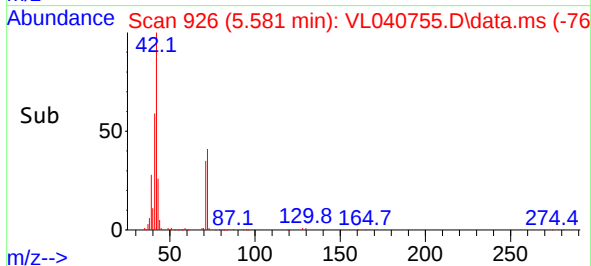
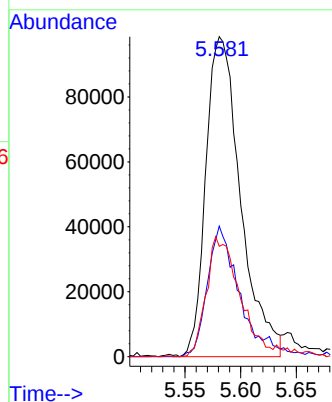
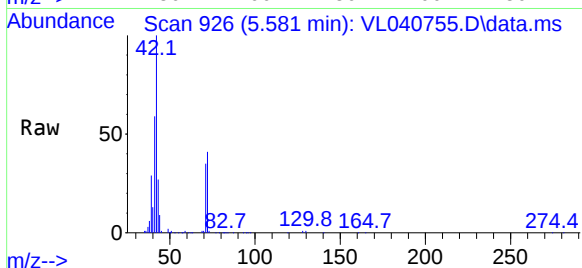
Tgt Ion: 42 Resp: 213303

Ion Ratio Lower Upper

42 100

72 38.5 31.1 46.7

71 37.9 29.7 44.5



#42

Bromodichloromethane

Concen: 2.140 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. -0.003 min

Lab File: VL040755.D

Acq: 11 Oct 2023 12:41

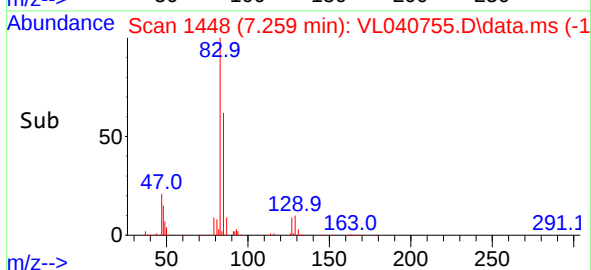
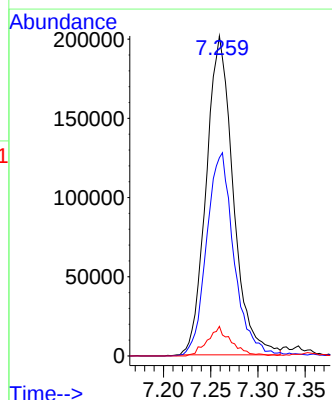
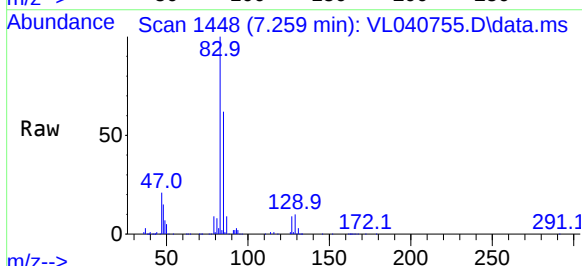
Tgt Ion: 83 Resp: 400497

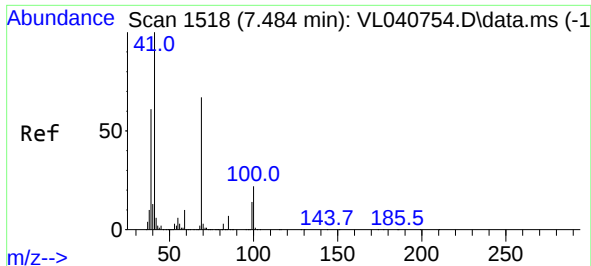
Ion Ratio Lower Upper

83 100

85 61.9 52.1 78.1

127 9.3 6.7 10.1

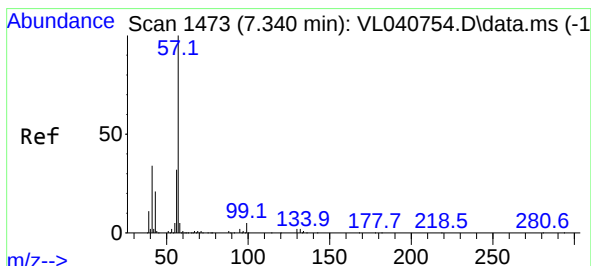
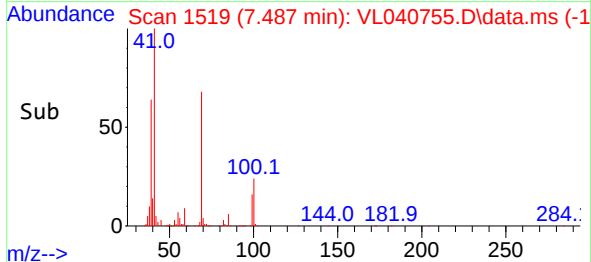
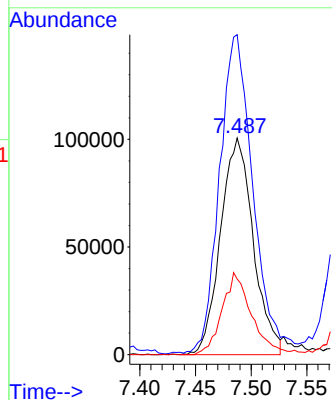
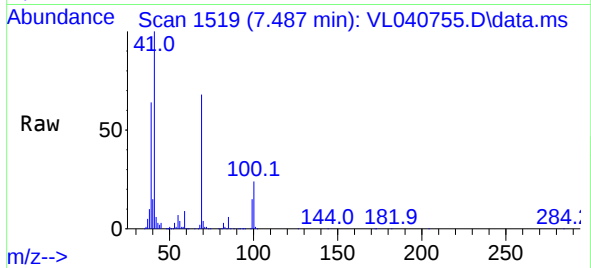




#43
Methyl Methacrylate
Concen: 2.111 ppbv
RT: 7.487 min Scan# 1519
Delta R.T. 0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

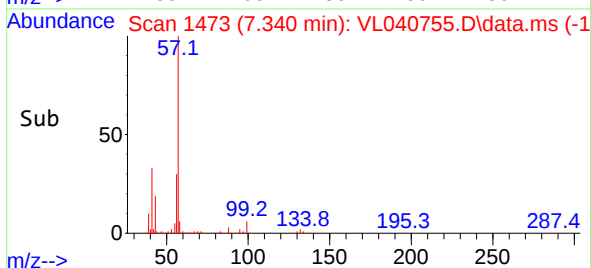
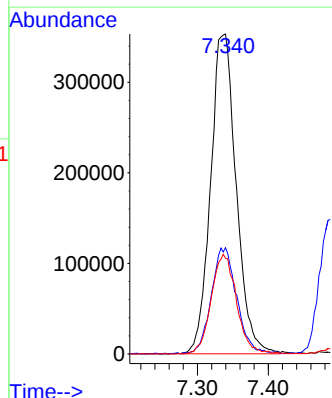
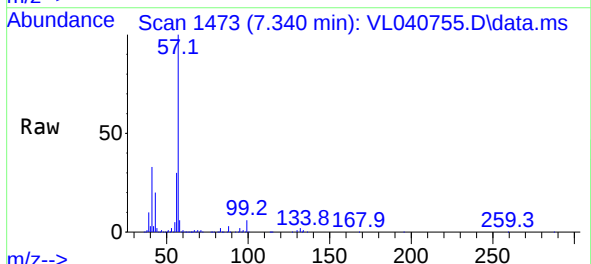
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

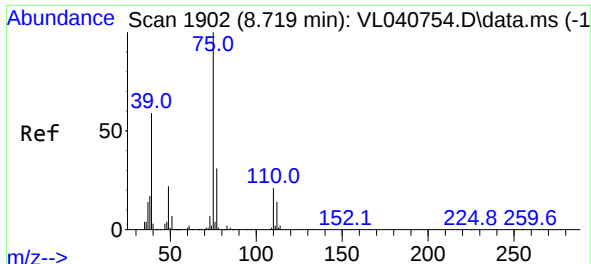
Tgt Ion: 69 Resp: 206110
Ion Ratio Lower Upper
69 100
41 150.4 120.6 181.0
100 34.5 27.1 40.7



#44
2,2,4-Trimethylpentane
Concen: 2.149 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion: 57 Resp: 886436
Ion Ratio Lower Upper
57 100
41 33.1 27.4 41.0
56 30.9 25.0 37.6

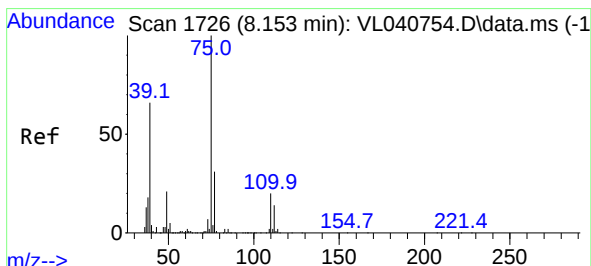
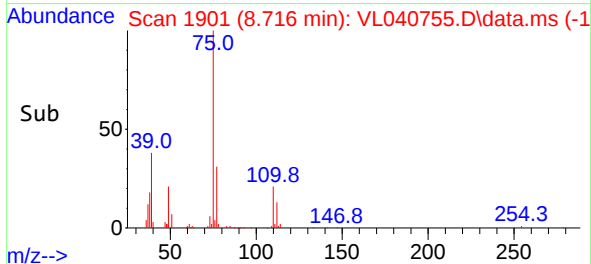
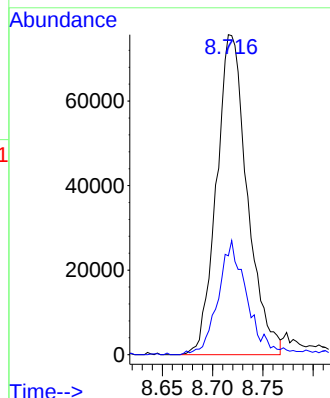
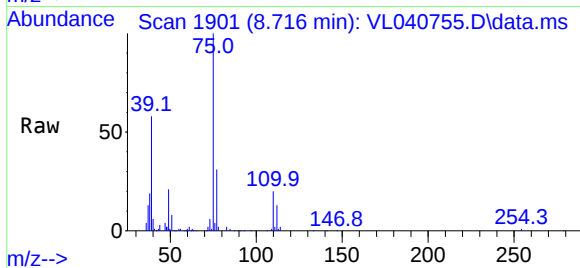




#45
t-1,3-Dichloropropene
Concen: 2.071 ppbv
RT: 8.716 min Scan# 1902
Delta R.T. -0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

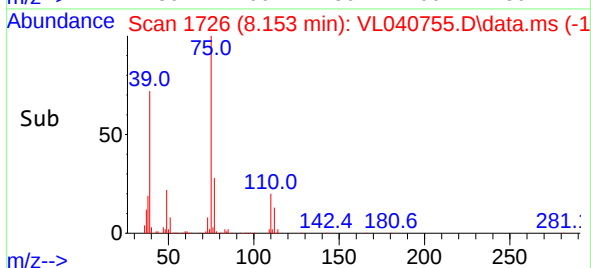
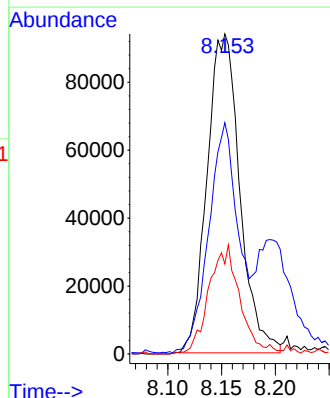
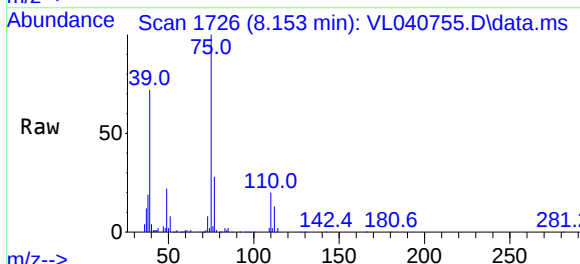
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

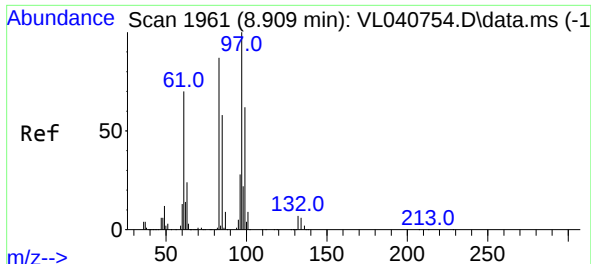
Tgt Ion: 75 Resp: 161260
Ion Ratio Lower Upper
75 100
77 30.9 24.9 37.3



#46
cis-1,3-Dichloropropene
Concen: 2.086 ppbv
RT: 8.153 min Scan# 1726
Delta R.T. -0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion: 75 Resp: 198461
Ion Ratio Lower Upper
75 100
39 71.1 52.4 78.6
77 27.6 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 2.108 ppbv

RT: 8.909 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VL040755.D

Acq: 11 Oct 2023 12:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 97 Resp: 211007

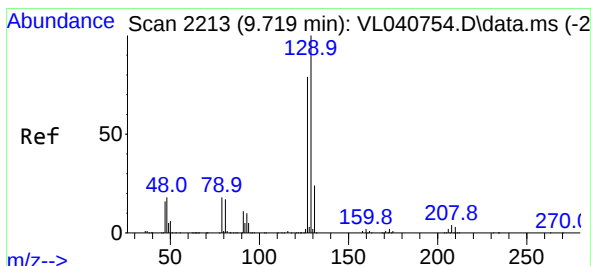
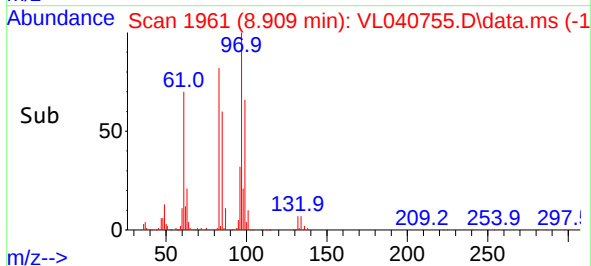
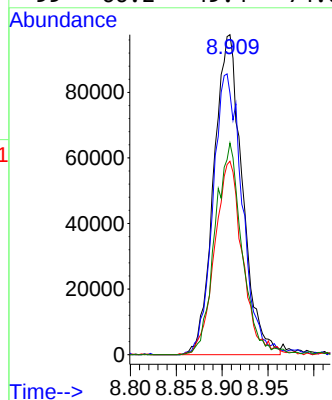
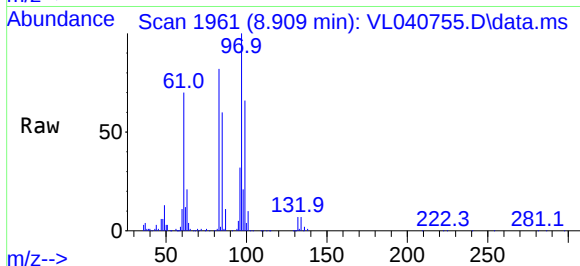
Ion Ratio Lower Upper

97 100

83 81.7 69.5 104.3

85 60.1 46.6 69.8

99 66.2 49.4 74.0



#48

Dibromochloromethane

Concen: 2.118 ppbv

RT: 9.719 min Scan# 2213

Delta R.T. 0.000 min

Lab File: VL040755.D

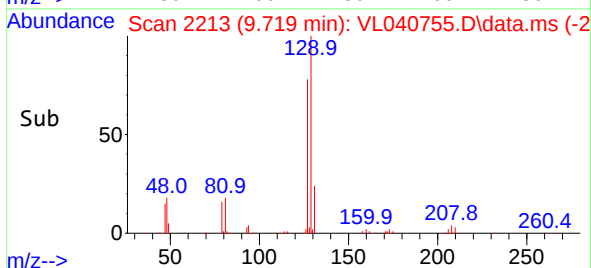
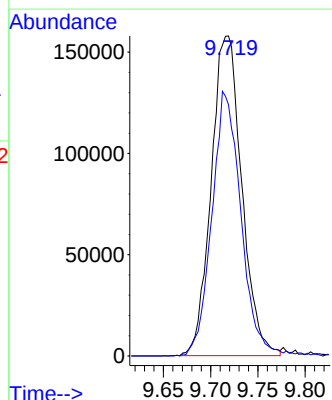
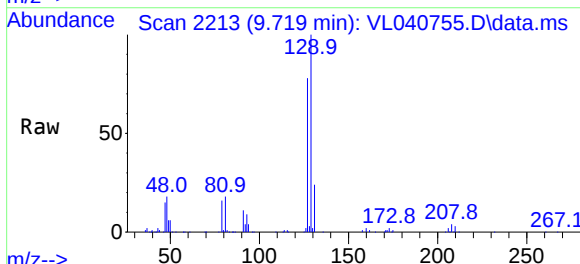
Acq: 11 Oct 2023 12:41

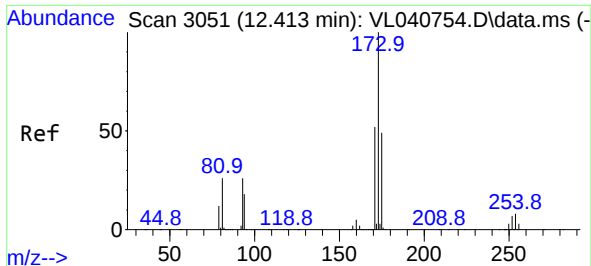
Tgt Ion: 129 Resp: 355382

Ion Ratio Lower Upper

129 100

127 79.1 39.1 117.3

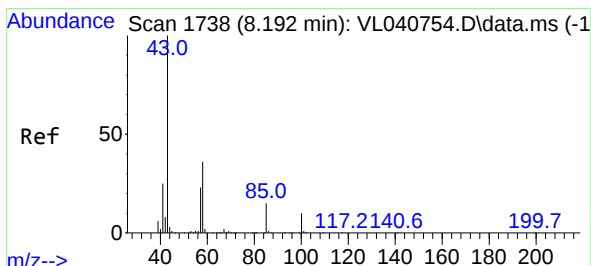
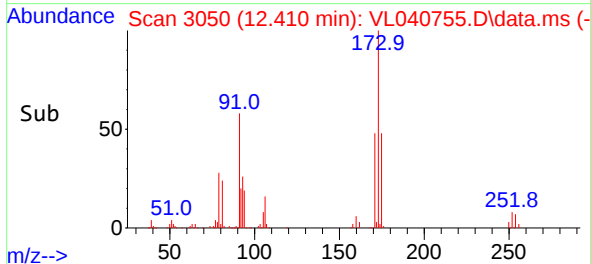
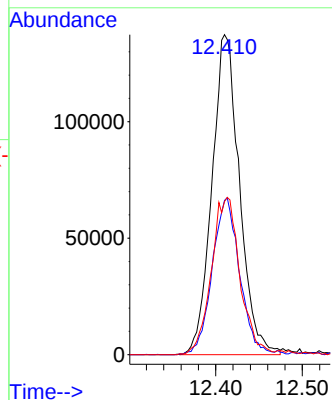
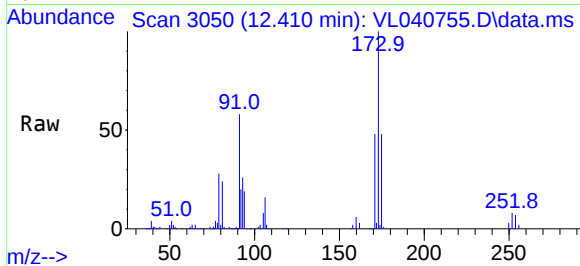




#49
Bromoform
Concen: 2.228 ppbv
RT: 12.410 min Scan# 3050
Delta R.T. -0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

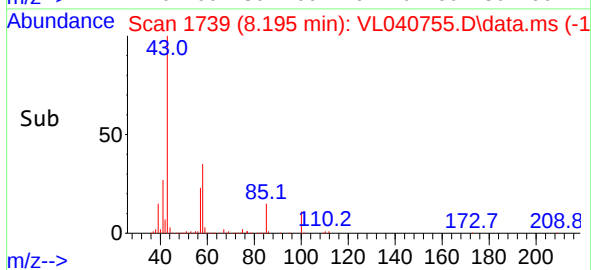
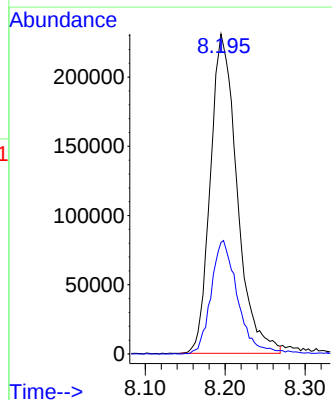
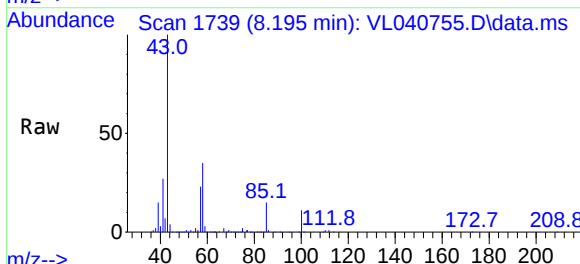
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

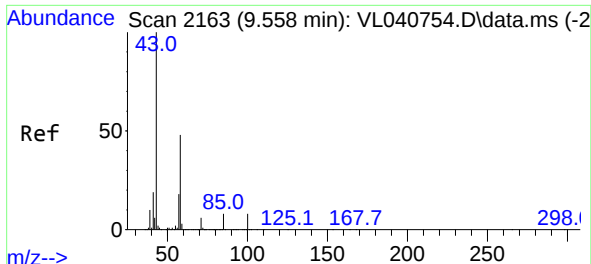
Tgt Ion:173 Resp: 303763
Ion Ratio Lower Upper
173 100
175 49.7 39.2 58.8
171 51.8 42.0 63.0



#50
4-Methyl-2-Pentanone
Concen: 2.182 ppbv
RT: 8.195 min Scan# 1739
Delta R.T. 0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion: 43 Resp: 535695
Ion Ratio Lower Upper
43 100
58 35.8 28.8 43.2

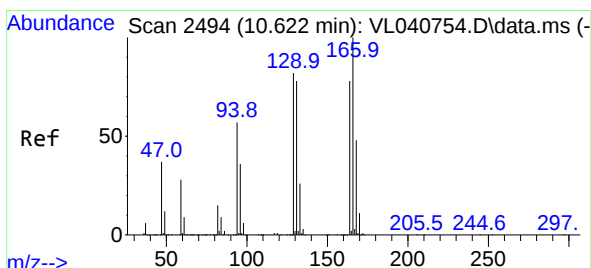
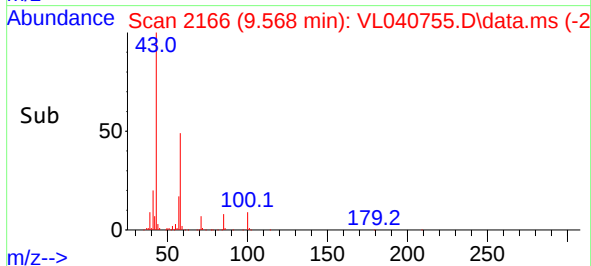
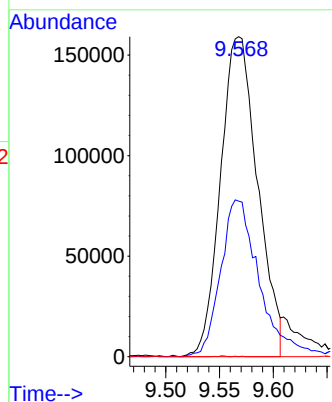
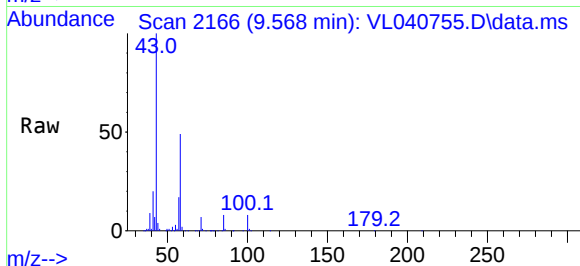




#51
2-Hexanone
Concen: 2.043 ppbv
RT: 9.568 min Scan# 2163
Delta R.T. 0.010 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

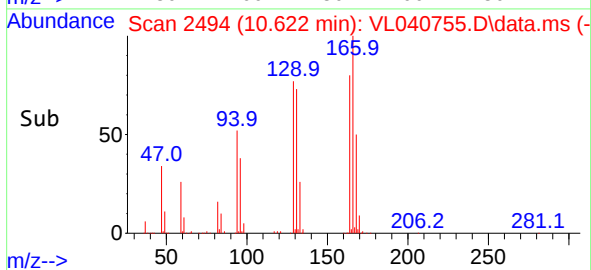
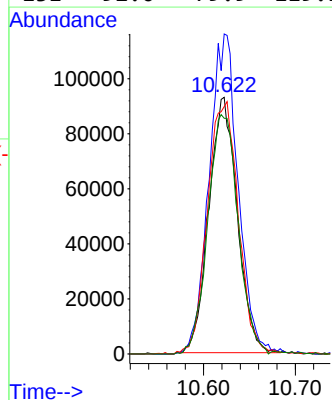
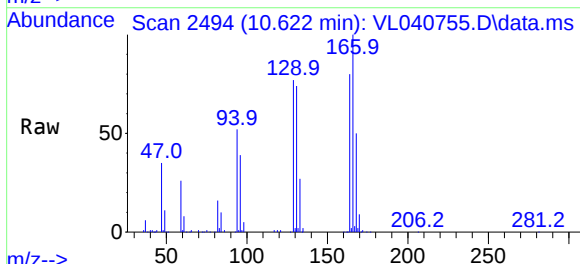
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

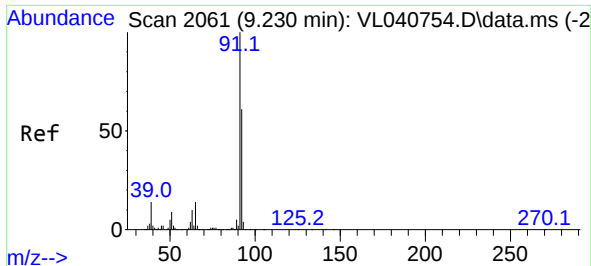
Tgt Ion: 43 Resp: 381826
Ion Ratio Lower Upper
43 100
58 53.3 38.6 58.0
98 0.1 0.0 0.0#



#52
Tetrachloroethene
Concen: 2.024 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion:164 Resp: 200583
Ion Ratio Lower Upper
164 100
166 124.7 102.4 153.6
129 96.2 84.2 126.4
131 92.0 79.9 119.9

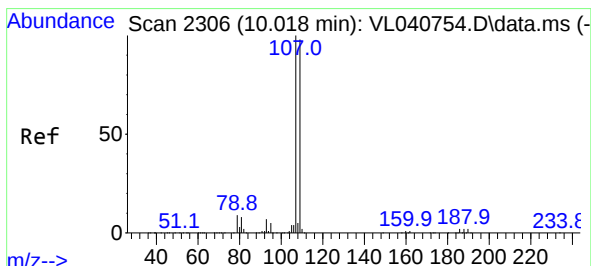
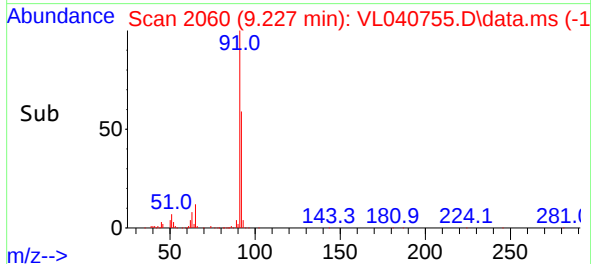
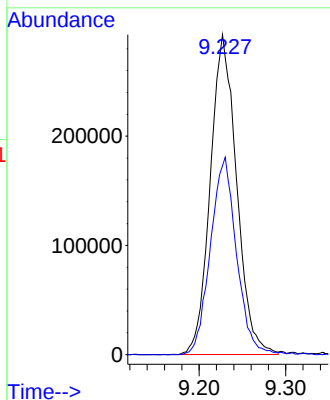
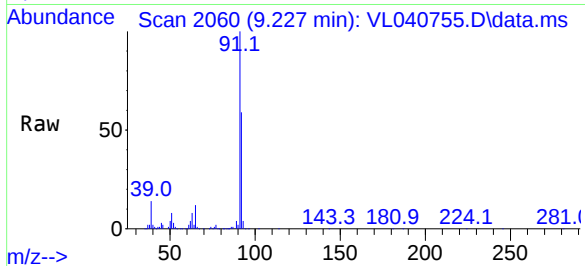




#53
Toluene
Concen: 2.126 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. -0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

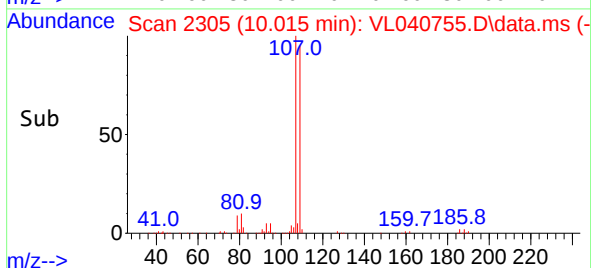
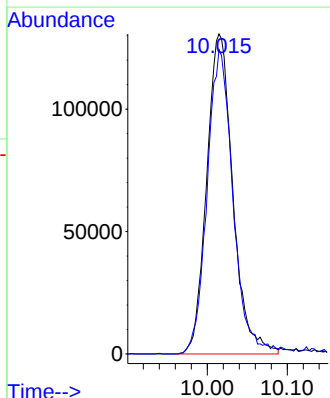
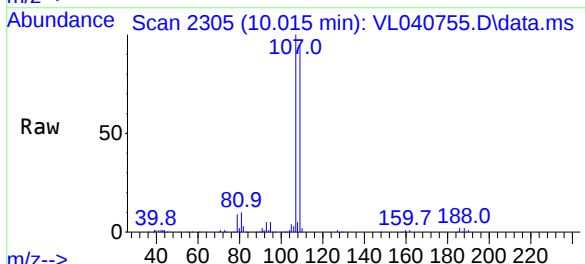
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

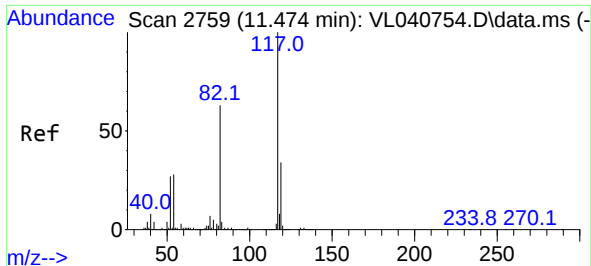
Tgt Ion: 91 Resp: 617192
Ion Ratio Lower Upper
91 100
92 61.5 50.2 75.2



#54
1,2-Dibromoethane
Concen: 2.117 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. -0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion: 107 Resp: 297069
Ion Ratio Lower Upper
107 100
109 95.1 78.2 117.2

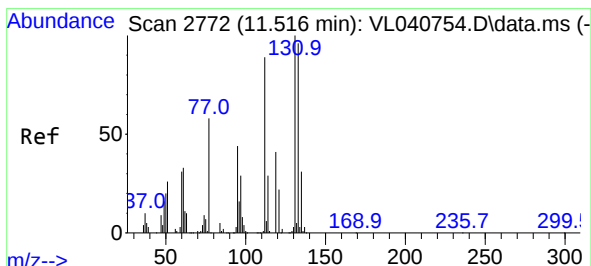
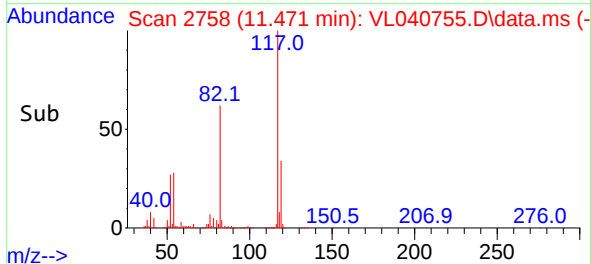
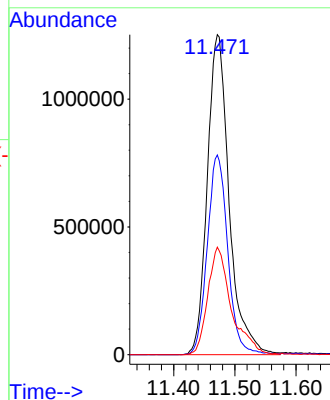
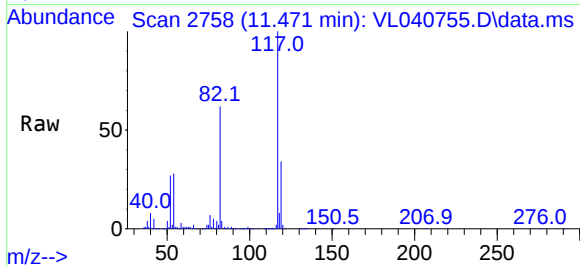




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

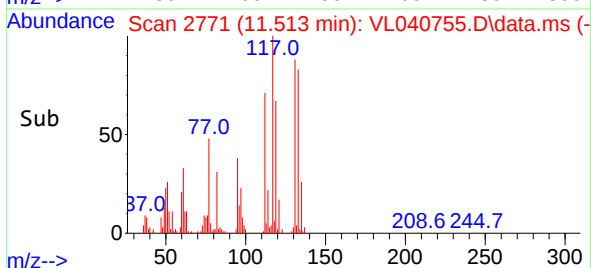
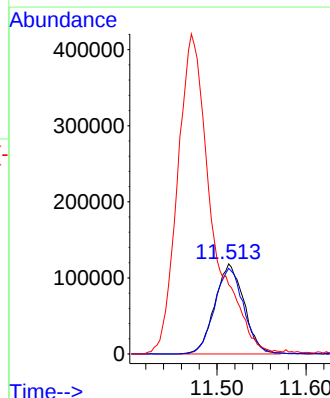
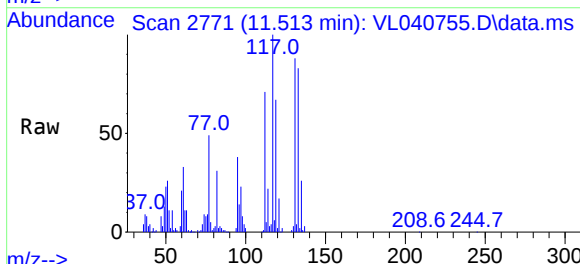
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

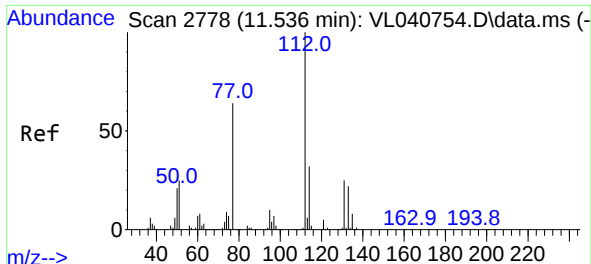
Tgt Ion:117 Resp: 3106003
Ion Ratio Lower Upper
117 100
82 59.3 46.6 70.0
119 36.5 26.0 39.0



#56
1,1,1,2-Tetrachloroethane
Concen: 2.127 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. -0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion:131 Resp: 269662
Ion Ratio Lower Upper
131 100
133 95.4 75.0 112.6
119 420.1 45.4 68.0#

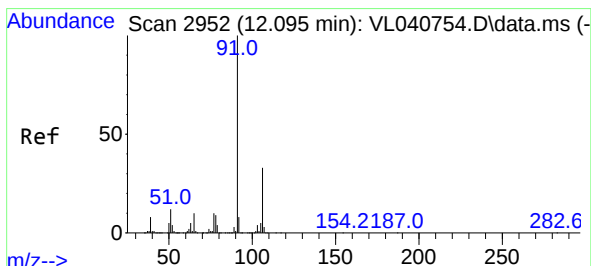
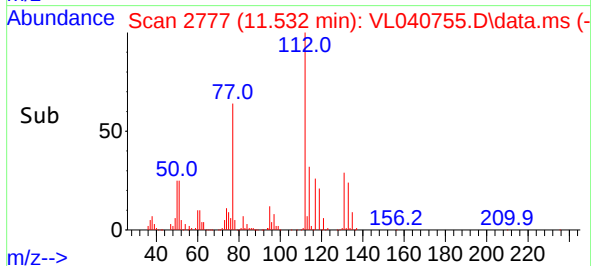
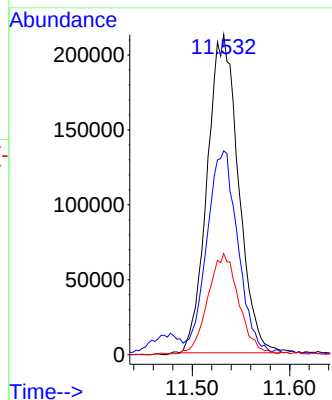
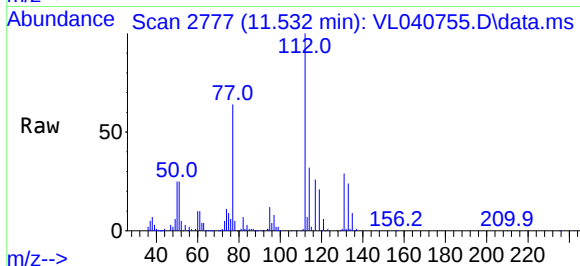




#57
Chlorobenzene
Concen: 2.128 ppbv
RT: 11.532 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

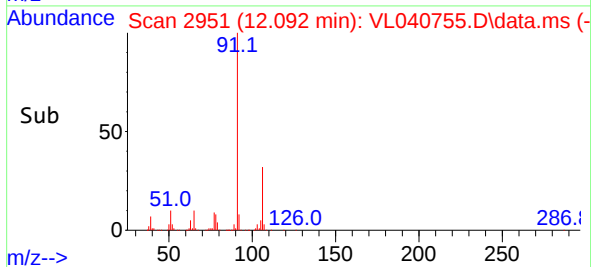
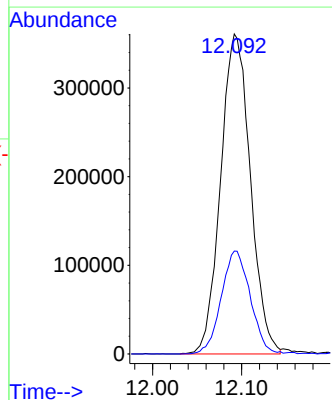
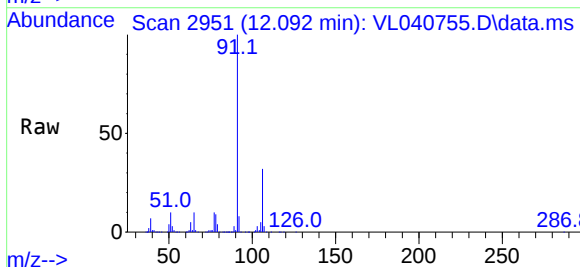
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

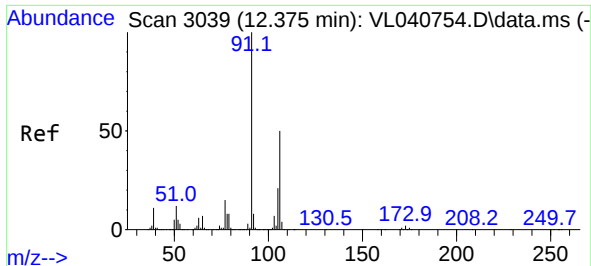
Tgt Ion:112 Resp: 473619
Ion Ratio Lower Upper
112 100
77 62.9 51.9 77.9
114 31.4 28.6 35.0



#58
Ethyl Benzene
Concen: 2.140 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion: 91 Resp: 836972
Ion Ratio Lower Upper
91 100
106 32.2 26.7 40.1





#59

m/p-Xylene

Concen: 0.750 ppbv

RT: 12.371 min Scan# 3038

Delta R.T. -0.003 min

Lab File: VL040755.D

Acq: 11 Oct 2023 12:41

Instrument :

MSVOA_L

ClientSampleId :

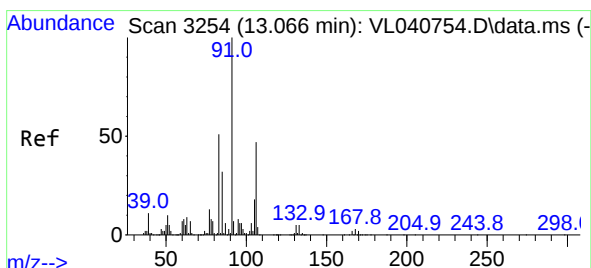
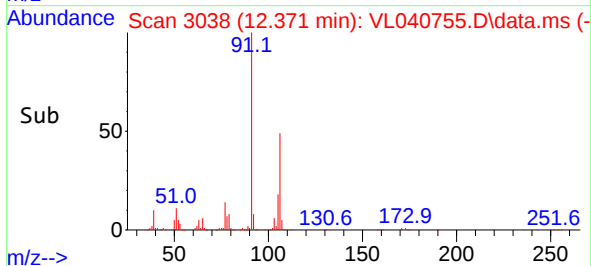
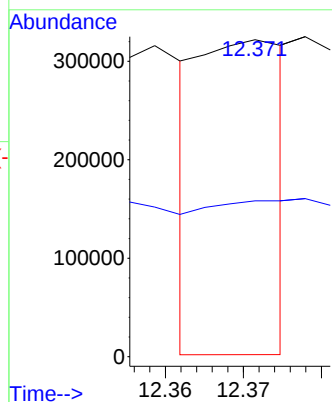
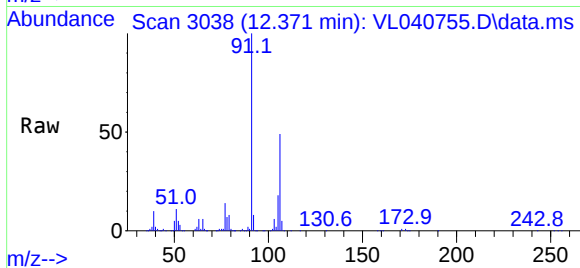
VSTDIC002

Tgt Ion: 91 Resp: 241402

Ion Ratio Lower Upper

91 100

106 0.0 37.7 56.5#



#60

o-Xylene

Concen: 2.130 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. -0.003 min

Lab File: VL040755.D

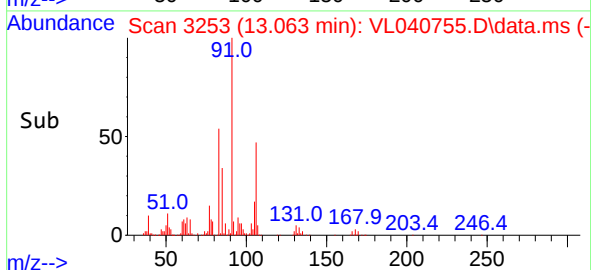
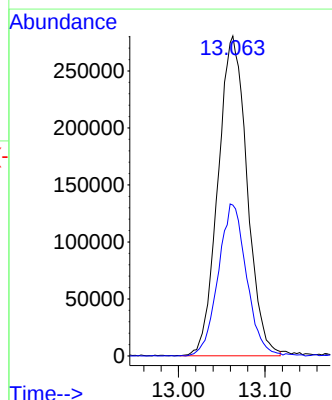
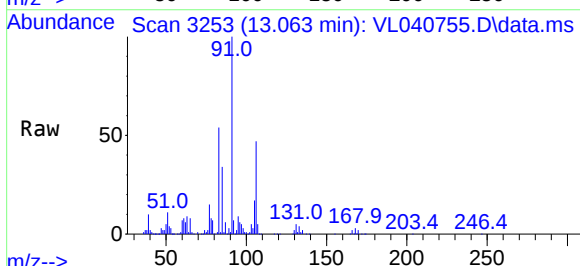
Acq: 11 Oct 2023 12:41

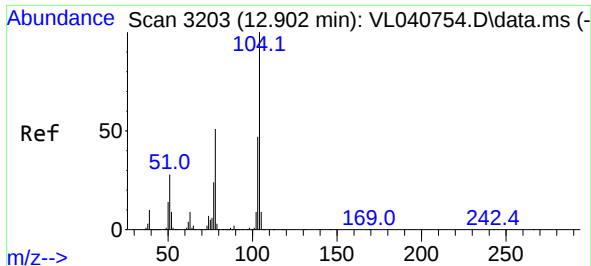
Tgt Ion: 91 Resp: 653238

Ion Ratio Lower Upper

91 100

106 46.6 23.5 70.5

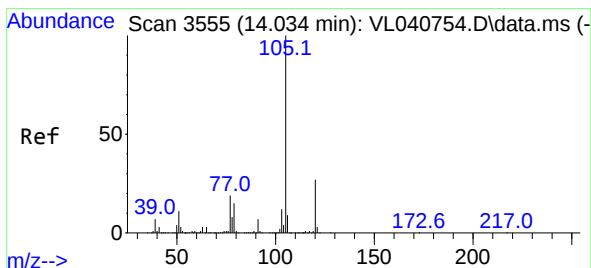
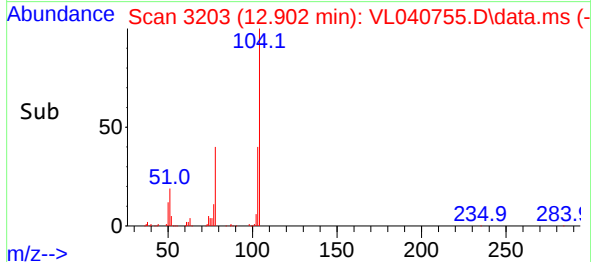
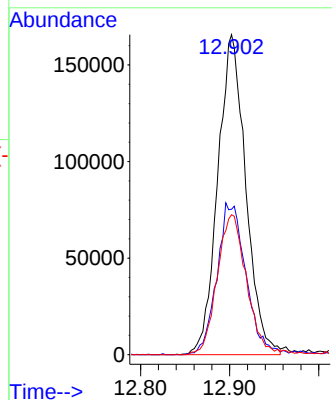
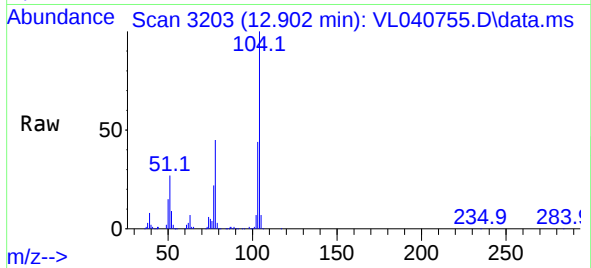




#61
Styrene
Concen: 2.128 ppbv
RT: 12.902 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

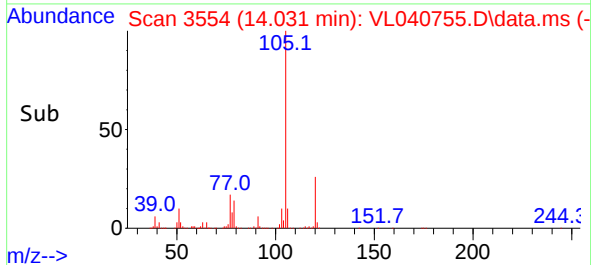
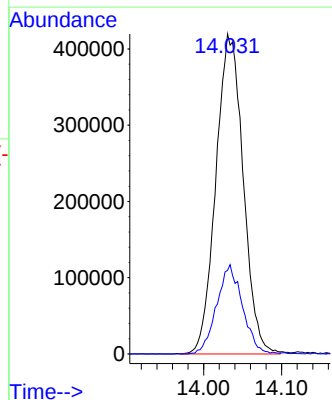
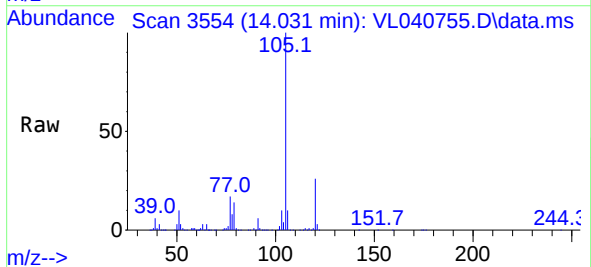
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

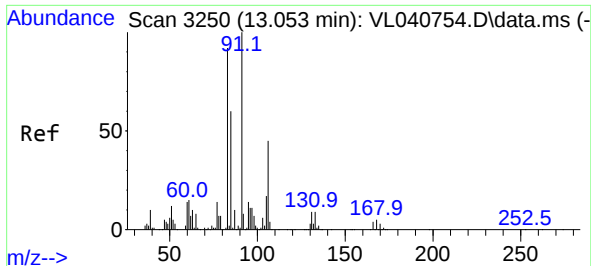
Tgt Ion:104 Resp: 361667
Ion Ratio Lower Upper
104 100
78 49.3 39.8 59.6
103 46.3 37.5 56.3



#62
Isopropylbenzene
Concen: 2.162 ppbv
RT: 14.031 min Scan# 3554
Delta R.T. -0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion:105 Resp: 1019908
Ion Ratio Lower Upper
105 100
120 26.4 21.5 32.3

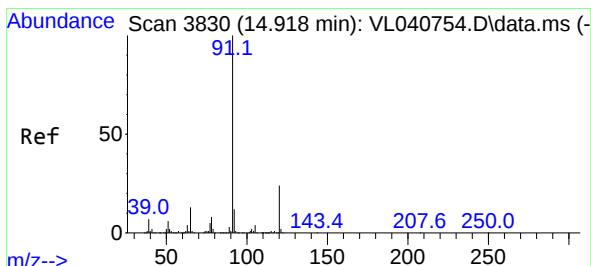
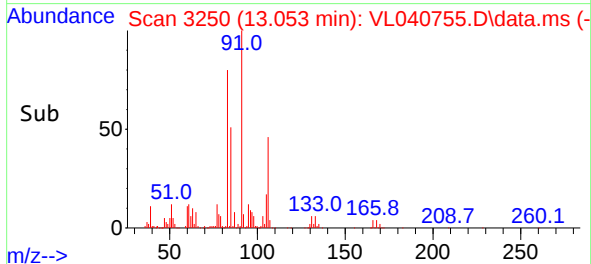
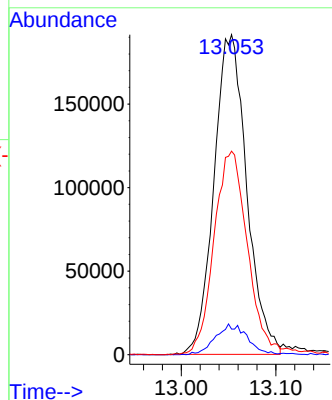
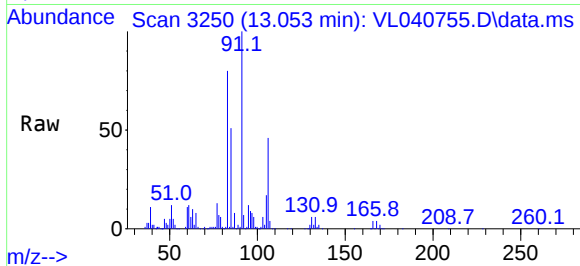




#63
1,1,2,2-Tetrachloroethane
Concen: 2.000 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

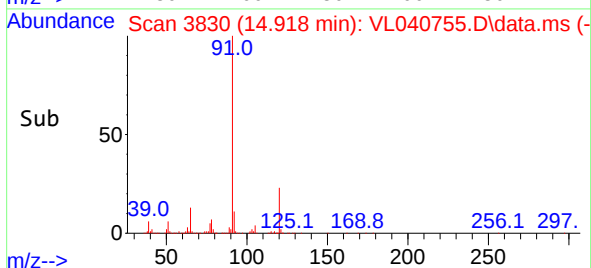
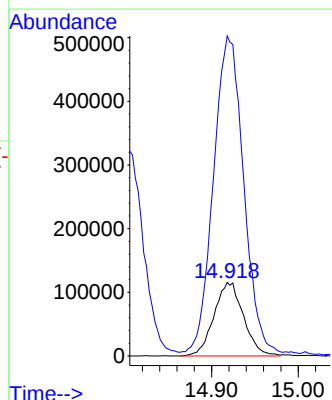
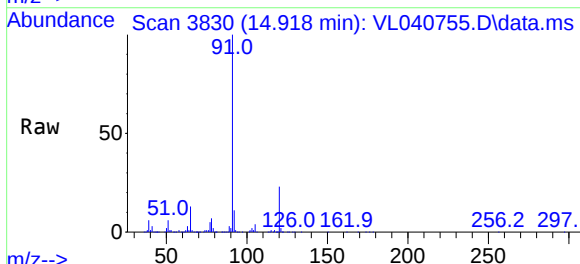
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

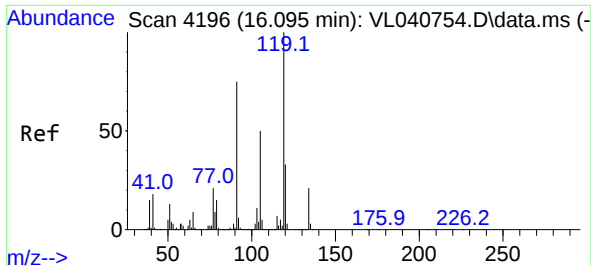
Tgt Ion: 83 Resp: 459963
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.6
85 66.3 32.9 98.7



#64
n-propylbenzene
Concen: 2.155 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. 0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion: 120 Resp: 273112
Ion Ratio Lower Upper
120 100
91 450.3 345.9 518.9

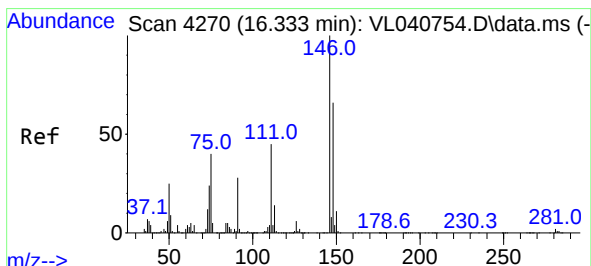
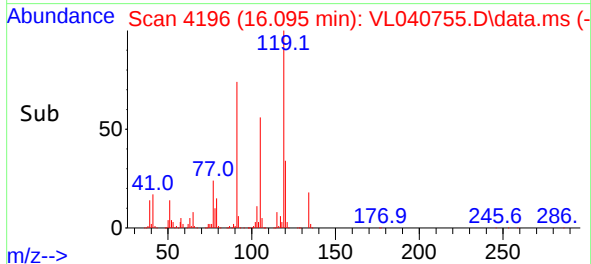
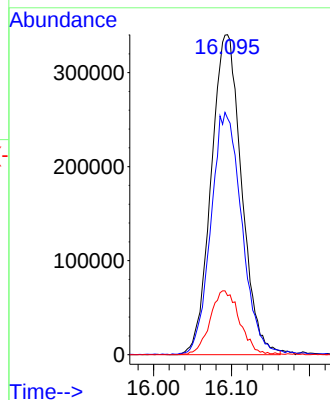
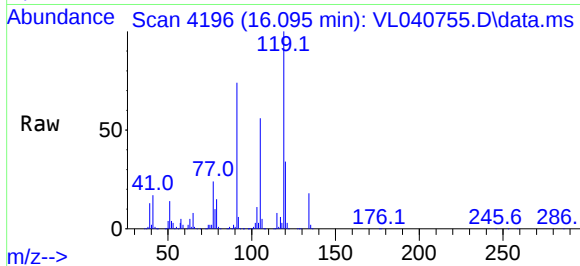




#65
tert-Butylbenzene
Concen: 2.169 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

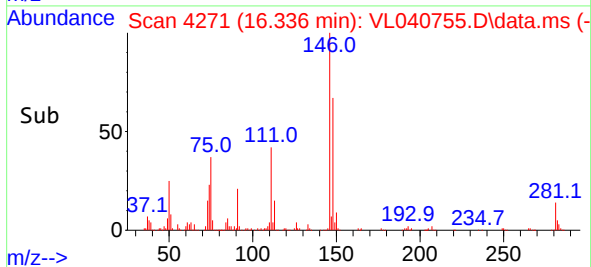
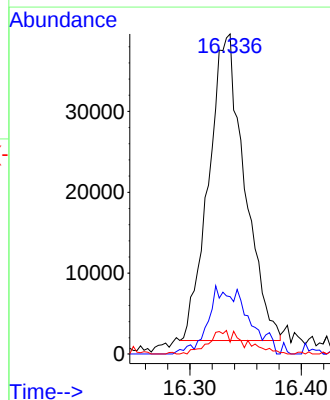
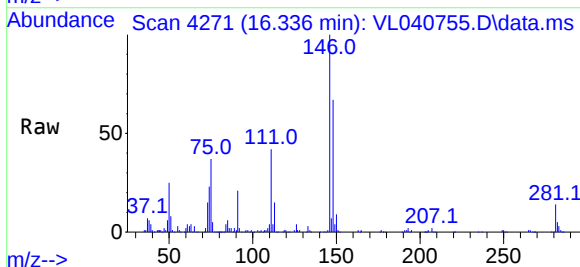
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

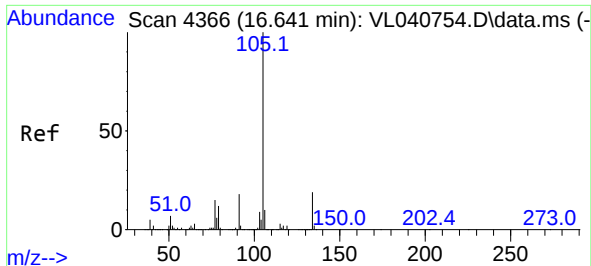
Tgt Ion:119 Resp: 922882
Ion Ratio Lower Upper
119 100
91 77.3 62.2 93.2
134 19.5 16.1 24.1



#66
Benzyl Chloride
Concen: 1.977 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. 0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion: 91 Resp: 84763
Ion Ratio Lower Upper
91 100
126 24.6 16.1 24.1#
128 7.8 5.2 7.8#

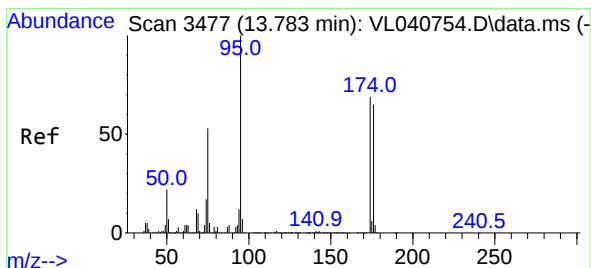
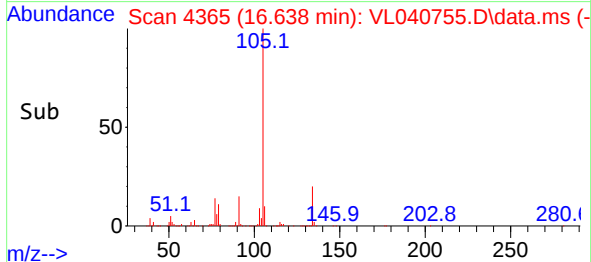
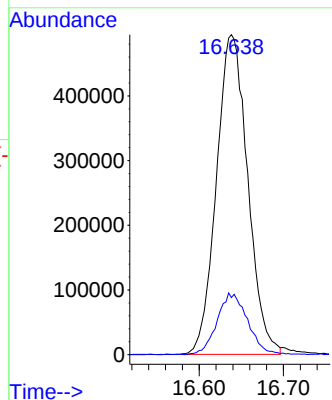
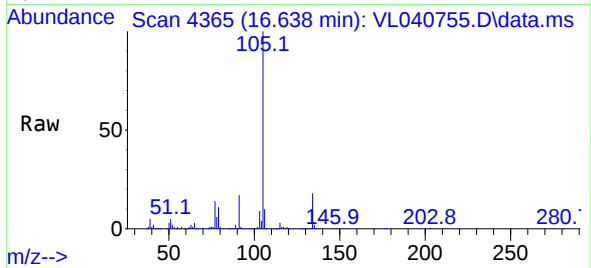




#67
sec-Butylbenzene
Concen: 2.185 ppbv
RT: 16.638 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

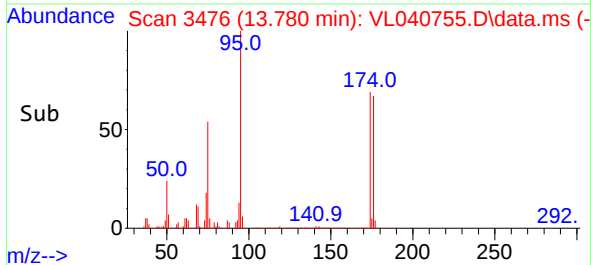
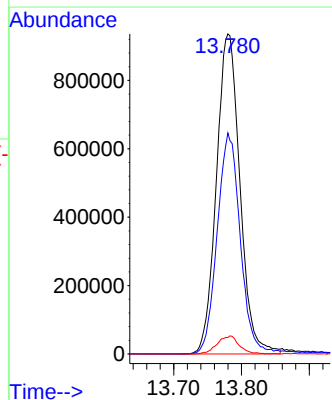
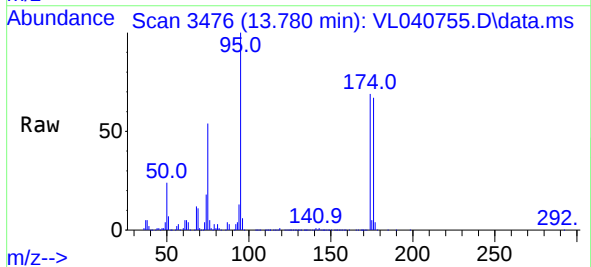
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

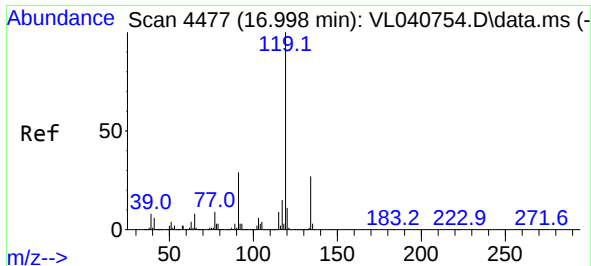
Tgt Ion:105 Resp: 1273265
Ion Ratio Lower Upper
105 100
134 19.0 15.4 23.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.890 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion: 95 Resp: 2260269
Ion Ratio Lower Upper
95 100
174 68.1 54.7 82.1
175 5.3 4.2 6.4

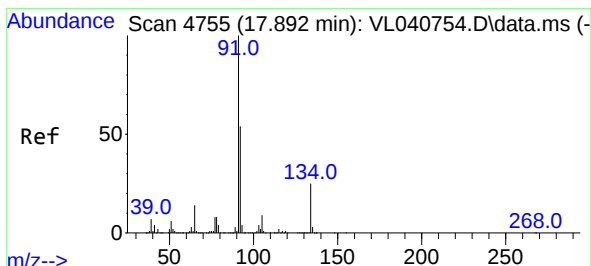
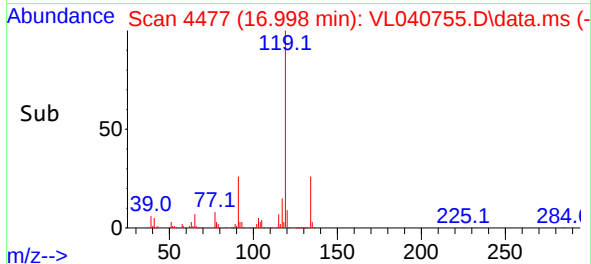
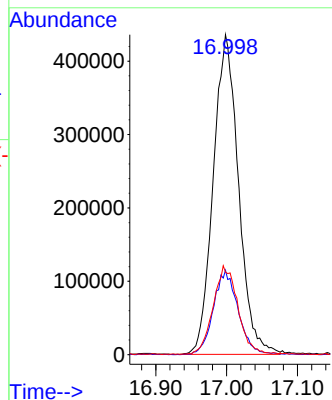
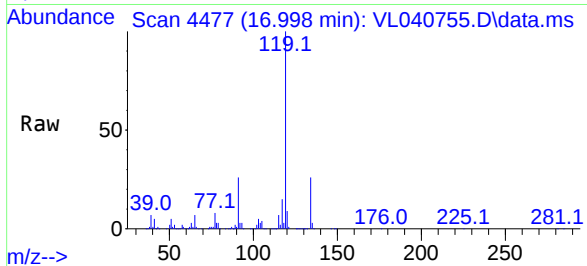




#69
p-Isopropyltoluene
Concen: 2.211 ppbv
RT: 16.998 min Scan# 4477
Delta R.T. 0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

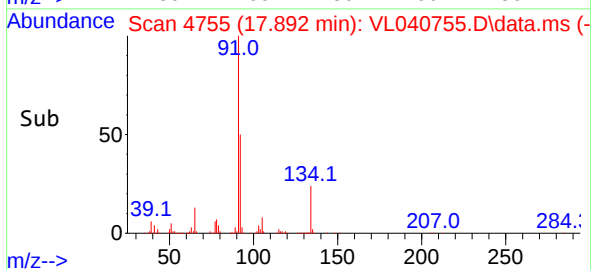
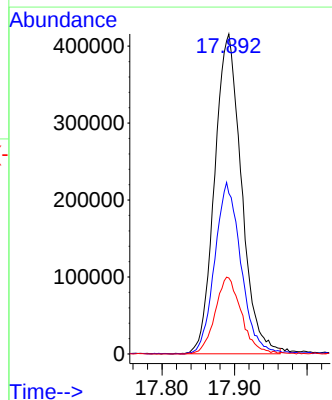
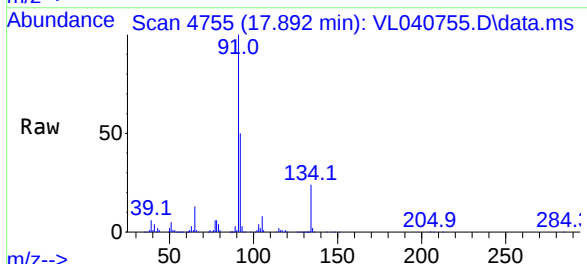
Instrument :
MSVOA_L
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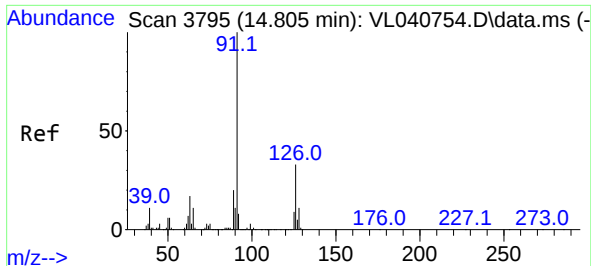
Tgt Ion:119 Resp: 1079368
Ion Ratio Lower Upper
119 100
134 26.1 21.0 31.4
91 27.4 22.8 34.2



#70
n-Butylbenzene
Concen: 2.229 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. -0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion: 91 Resp: 1068330
Ion Ratio Lower Upper
91 100
92 53.3 44.1 66.1
134 23.7 19.5 29.3

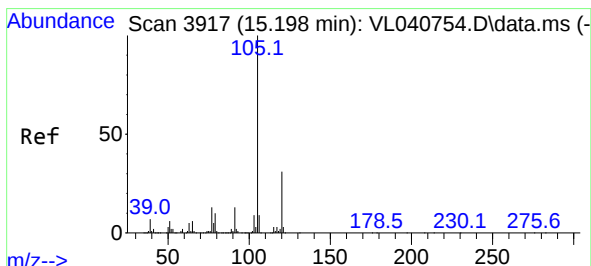
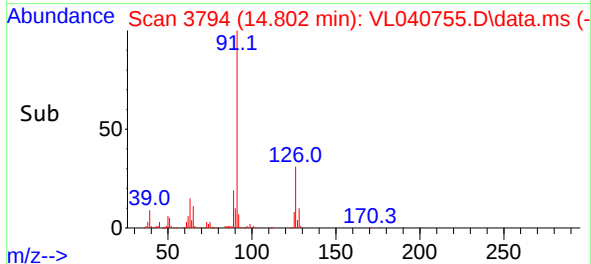
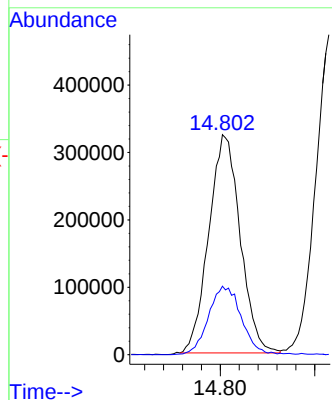
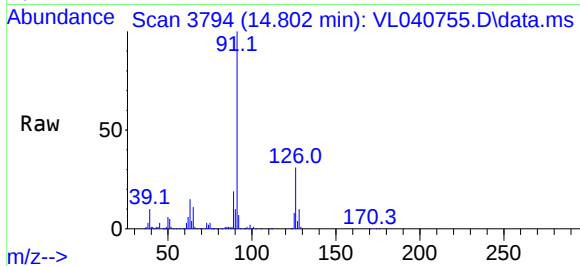




#71
2-Chlorotoluene
Concen: 2.107 ppbv
RT: 14.802 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

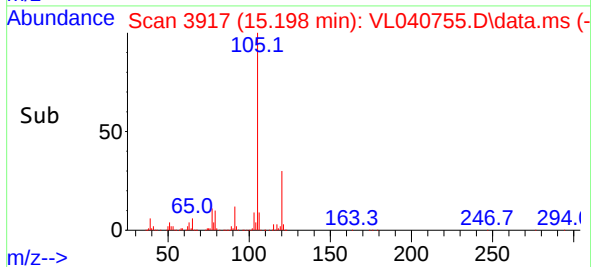
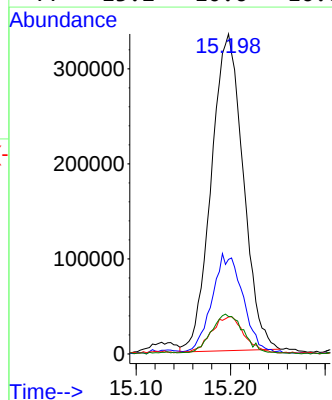
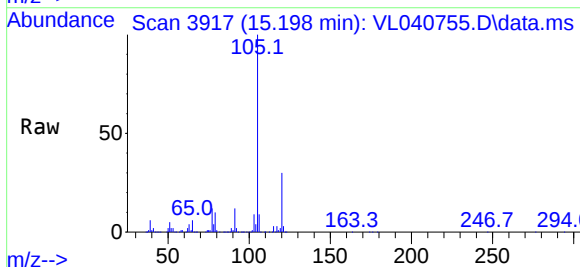
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

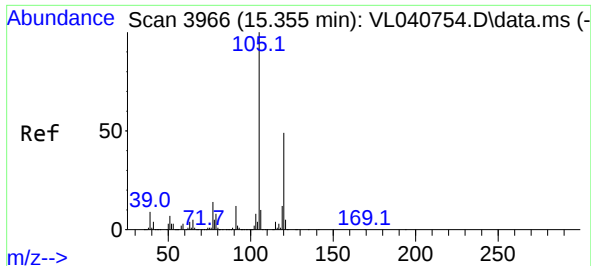
Tgt Ion: 91 Resp: 746599
Ion Ratio Lower Upper
91 100
126 33.1 13.3 53.1



#72
4-Ethyltoluene
Concen: 2.174 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. -0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion:105 Resp: 780861
Ion Ratio Lower Upper
105 100
120 31.5 25.0 37.4
91 12.1 9.8 14.8
77 13.2 10.6 16.0

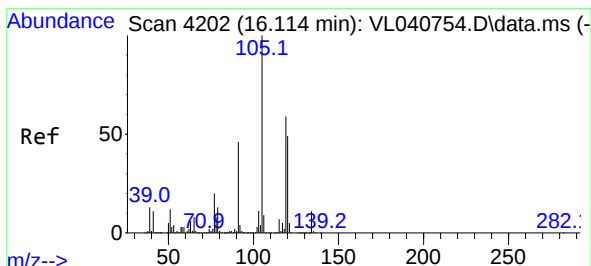
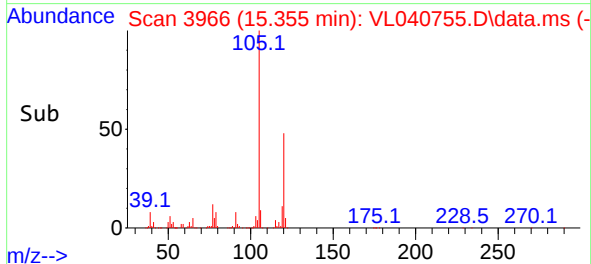
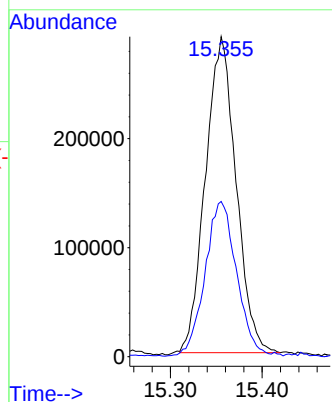
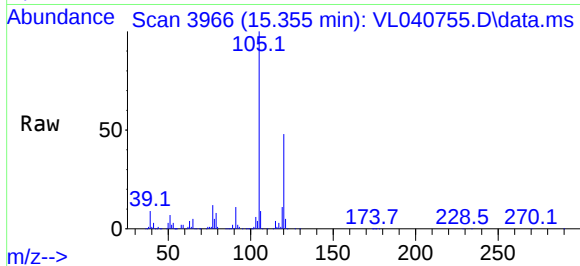




#73
 1,3,5-Trimethylbenzene
 Concen: 2.127 ppbv
 RT: 15.355 min Scan# 3966
 Delta R.T. -0.000 min
 Lab File: VL040755.D
 Acq: 11 Oct 2023 12:41

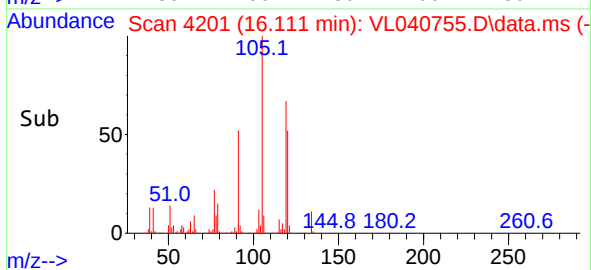
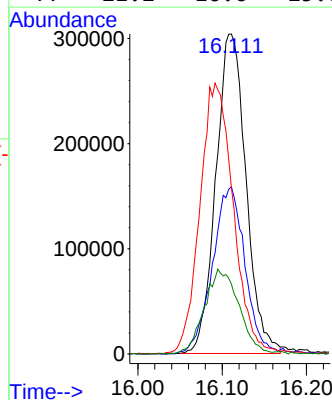
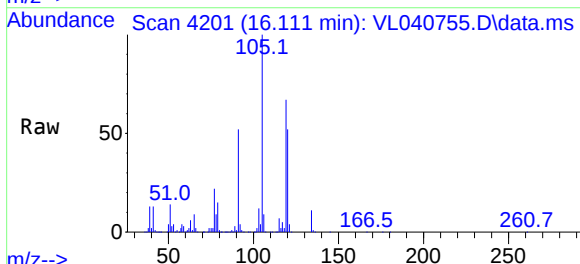
Instrument :
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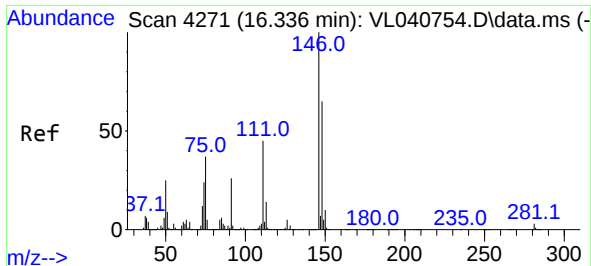
Tgt Ion:105 Resp: 672409
 Ion Ratio Lower Upper
 105 100
 120 48.3 39.4 59.2



#74
 1,2,4-Trimethylbenzene
 Concen: 2.182 ppbv
 RT: 16.111 min Scan# 4201
 Delta R.T. -0.003 min
 Lab File: VL040755.D
 Acq: 11 Oct 2023 12:41

Tgt Ion:105 Resp: 753689
 Ion Ratio Lower Upper
 105 100
 120 51.6 39.4 59.2
 91 51.4 38.6 58.0
 77 21.2 16.6 25.0

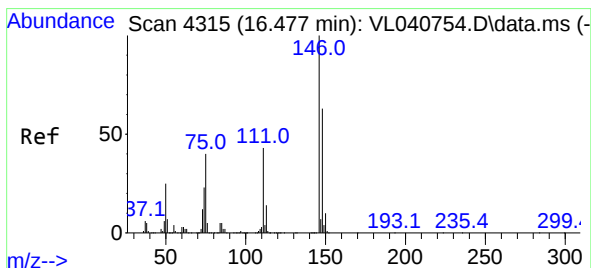
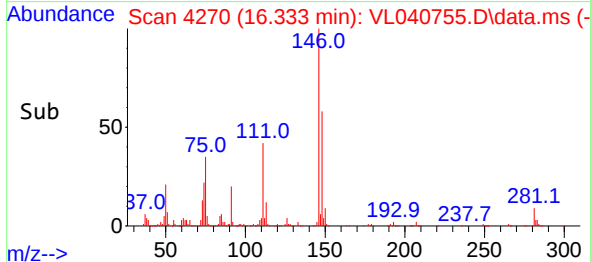
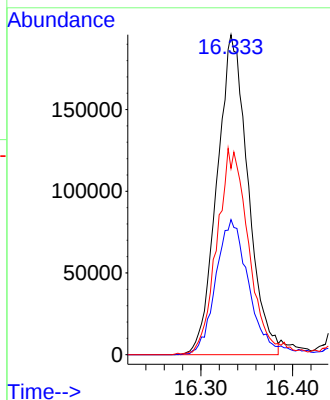
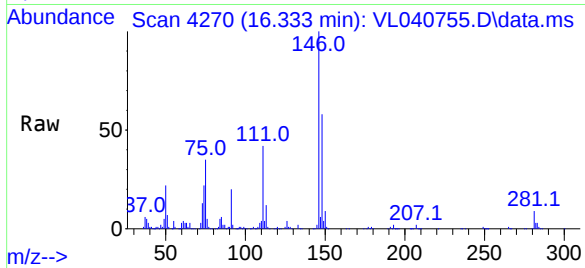




#75
1,3-Dichlorobenzene
Concen: 2.138 ppbv
RT: 16.333 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

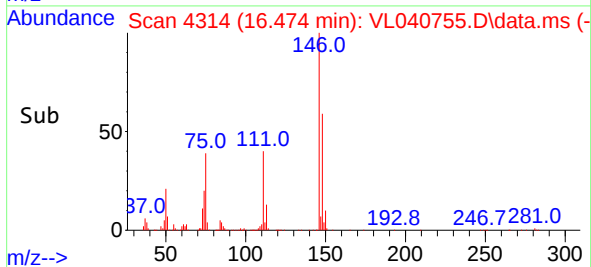
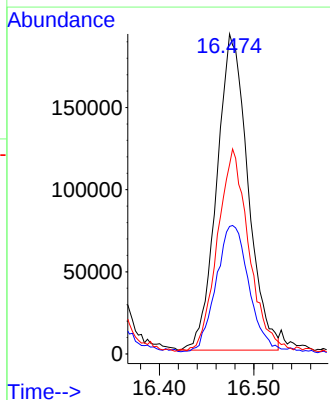
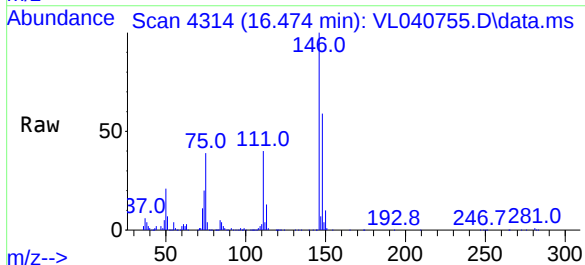
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ClientSampleId :
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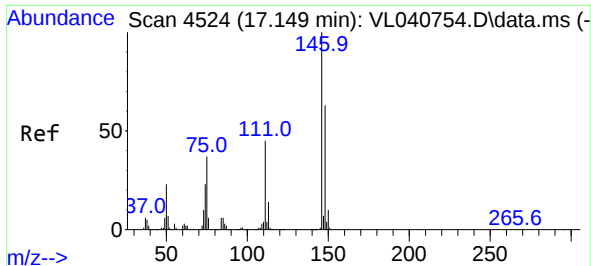
Tgt Ion:146 Resp: 459460
Ion Ratio Lower Upper
146 100
111 45.5 22.6 67.7
148 67.4 32.4 97.0



#76
1,4-Dichlorobenzene
Concen: 2.070 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. -0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion:146 Resp: 440360
Ion Ratio Lower Upper
146 100
111 44.5 22.0 66.0
148 68.5 33.4 100.1

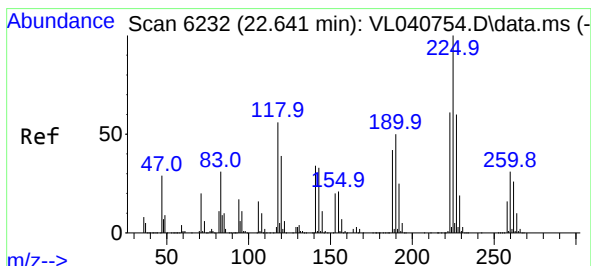
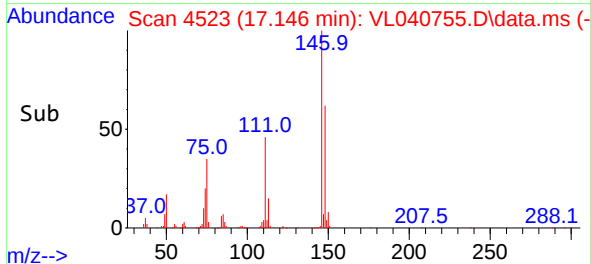
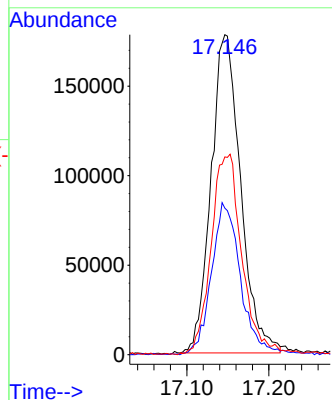
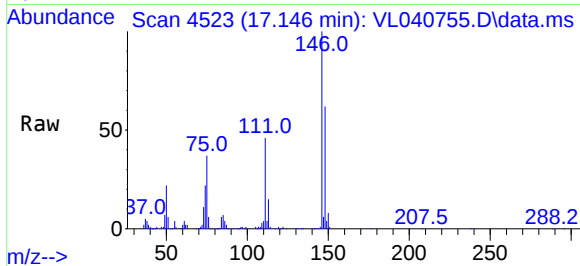




#77
1,2-Dichlorobenzene
Concen: 2.116 ppbv
RT: 17.146 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

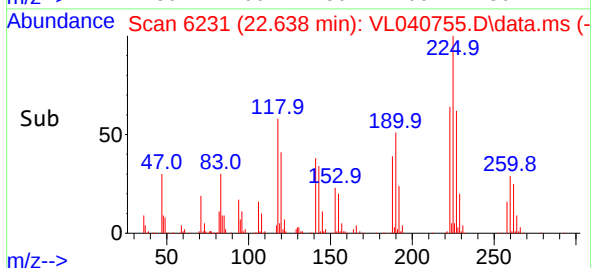
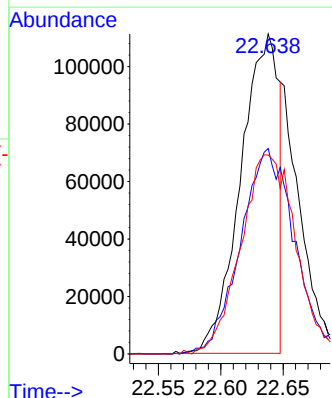
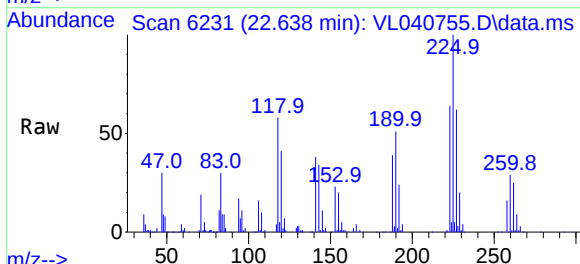
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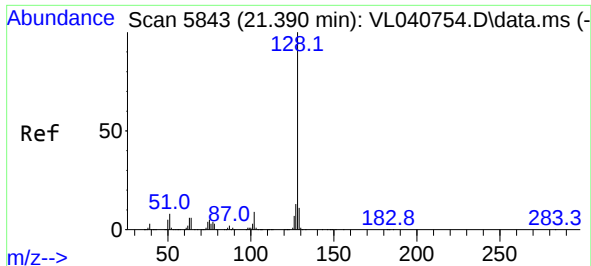
Tgt Ion:146 Resp: 446072
Ion Ratio Lower Upper
146 100
111 47.5 22.9 68.8
148 65.5 32.3 96.8



#78
Hexachloro-1,3-Butadiene
Concen: 1.558 ppbv
RT: 22.638 min Scan# 6231
Delta R.T. -0.003 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion:225 Resp: 235052
Ion Ratio Lower Upper
225 100
223 93.0 50.7 76.1#
227 91.5 51.4 77.0#

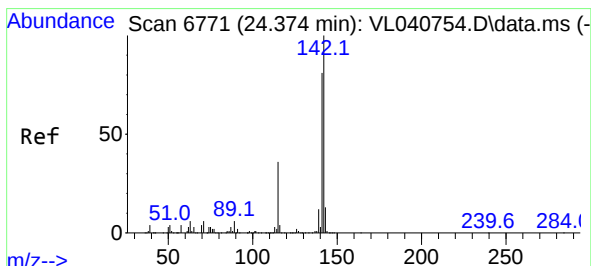
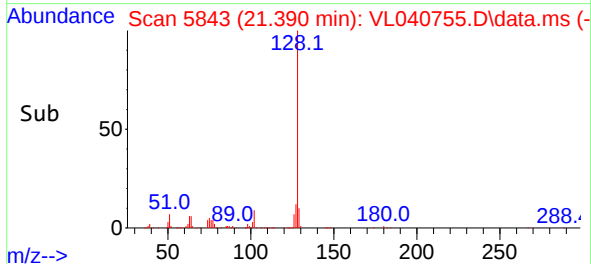
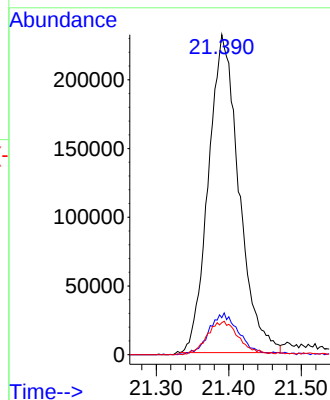
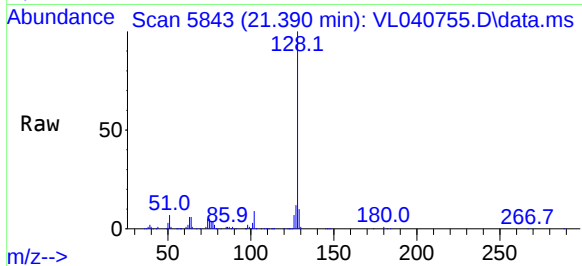




#79
Naphthalene
Concen: 2.411 ppbv
RT: 21.390 min Scan# 5843
Delta R.T. -0.000 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

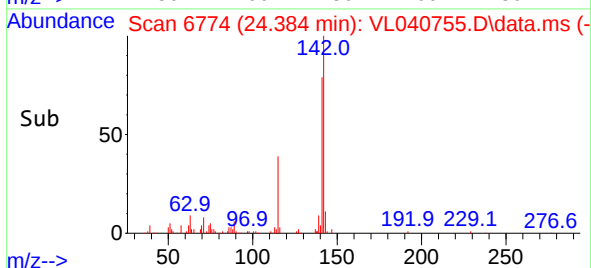
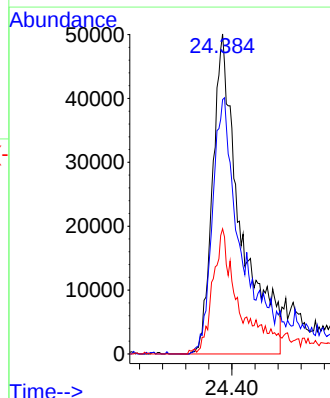
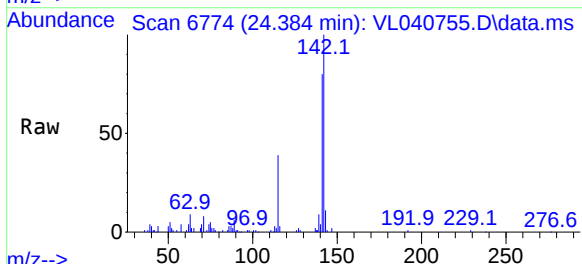
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

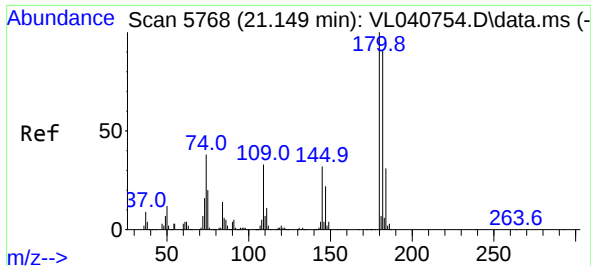
Tgt Ion:128 Resp: 677067
Ion Ratio Lower Upper
128 100
127 11.3 10.6 15.8
129 9.9 9.0 13.4



#80
Naphthalene,2-methyl-
Concen: 2.119 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. 0.010 min
Lab File: VL040755.D
Acq: 11 Oct 2023 12:41

Tgt Ion:142 Resp: 166967
Ion Ratio Lower Upper
142 100
141 86.6 66.3 99.5
115 40.2 30.0 45.0





#81

1,2,4-Trichlorobenzene

Concen: 1.134 ppbv

RT: 21.143 min Scan# 51

Delta R.T. -0.006 min

Lab File: VL040755.D

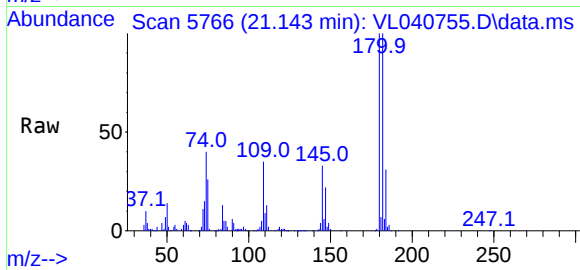
Acq: 11 Oct 2023 12:41

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002



Tgt Ion:180 Resp: 172967

Ion Ratio Lower Upper

180 100

182 199.4 77.9 116.9#

184 60.7 25.0 37.6#

