

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040562.D
 Acq On : 27 Jul 2023 5:28
 Operator : SY/MD
 Sample : 03572-14 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 27 06:04:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 27 04:45:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	900389	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	2203353	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.462	117	1933335	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1569101	10.255	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	8032	0.045	ppbv	94
3) Chlorodifluoromethane	2.658	51	5684	0.040	ppbv #	86
4) Chloromethane	2.822	50	227	0.004	ppbv #	44
5) Vinyl Chloride	2.915	62	974	0.016	ppbv #	50
6) Bromomethane	3.111	94	948	0.038	ppbv #	40
7) Chloroethane	3.195	64	229	0.011	ppbv #	81
8) Dichlorotetrafluoroethane	2.841	85	6546	0.044	ppbv	98
9) Propene	2.690	41	1536	0.031	ppbv #	1
10) Heptane	7.555	43	227	0.002	ppbv #	25
11) Trichlorofluoromethane	3.545	101	3714	0.026	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.060	101	1253	0.012	ppbv #	13
13) Ethanol	3.253	45	431	0.041	ppbv #	37
14) Bromoethene	3.359	108	1003	0.023	ppbv #	1
15) Acetone	3.481	43	25242	0.244	ppbv #	84
16) 1,3-Butadiene	2.976	39	765	0.015	ppbv #	1
17) tert-Butyl alcohol	3.873	59	272	0.003	ppbv #	71
18) 1,1-Dichloroethene	3.870	96	1343	0.029	ppbv #	62
19) Isopropyl Alcohol	3.568	45	76	0.001	ppbv #	1
20) Methylene Chloride	3.922	84	10249	0.232	ppbv #	85
21) Allyl Chloride	3.986	41	1197	0.020	ppbv #	1
22) trans-1,2-Dichloroethene	4.439	96	1447	0.031	ppbv #	74
23) Vinyl Acetate	4.629	43	2500	0.025	ppbv #	79
24) 1,1-Dichloroethane	4.555	63	1055	0.011	ppbv #	90
25) Ethyl Acetate	5.192	43	773	0.004	ppbv #	74
26) Hexane	5.201	57	1688	0.018	ppbv #	1
27) Carbon Disulfide	4.115	76	1552	0.014	ppbv #	1
28) Methyl tert-Butyl Ether	4.578	73	219	0.003	ppbv #	52
29) Chloroform	5.259	83	5782	0.038	ppbv #	72
30) Cyclohexane	6.590	84	931	0.012	ppbv #	1
31) cis-1,2-Dichloroethene	5.063	61	888	0.010	ppbv	91
32) 1,1,1-Trichloroethane	5.995	97	1802	0.012	ppbv #	1
34) 2-Butanone	4.764	43	91	0.001	ppbv #	51
35) Carbon Tetrachloride	6.491	117	3612	0.027	ppbv #	69
36) Benzene	6.362	78	1181	0.007	ppbv	94
37) 1,2-Dichloroethane	5.803	62	1305	0.013	ppbv #	81
38) Trichloroethene	7.278	130	1809	0.027	ppbv #	51
39) 1,2-Dichloropropane	6.645	63	588665	8.625	ppbv #	27
40) 1,4-Dioxane	7.327	88	89	0.004	ppbv #	1
41) Tetrahydrofuran	5.594	42	1124	0.018	ppbv #	79
42) Bromodichloromethane	7.243	83	3588	0.025	ppbv #	83
43) Methyl Methacrylate	7.468	69	128	0.002	ppbv #	1
44) 2,2,4-Trimethylpentane	7.317	57	1970	0.007	ppbv #	1
45) t-1,3-Dichloropropene	8.696	75	74	0.002	ppbv #	42

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040562.D
 Acq On : 27 Jul 2023 5:28
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 Sample : 03572-14 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

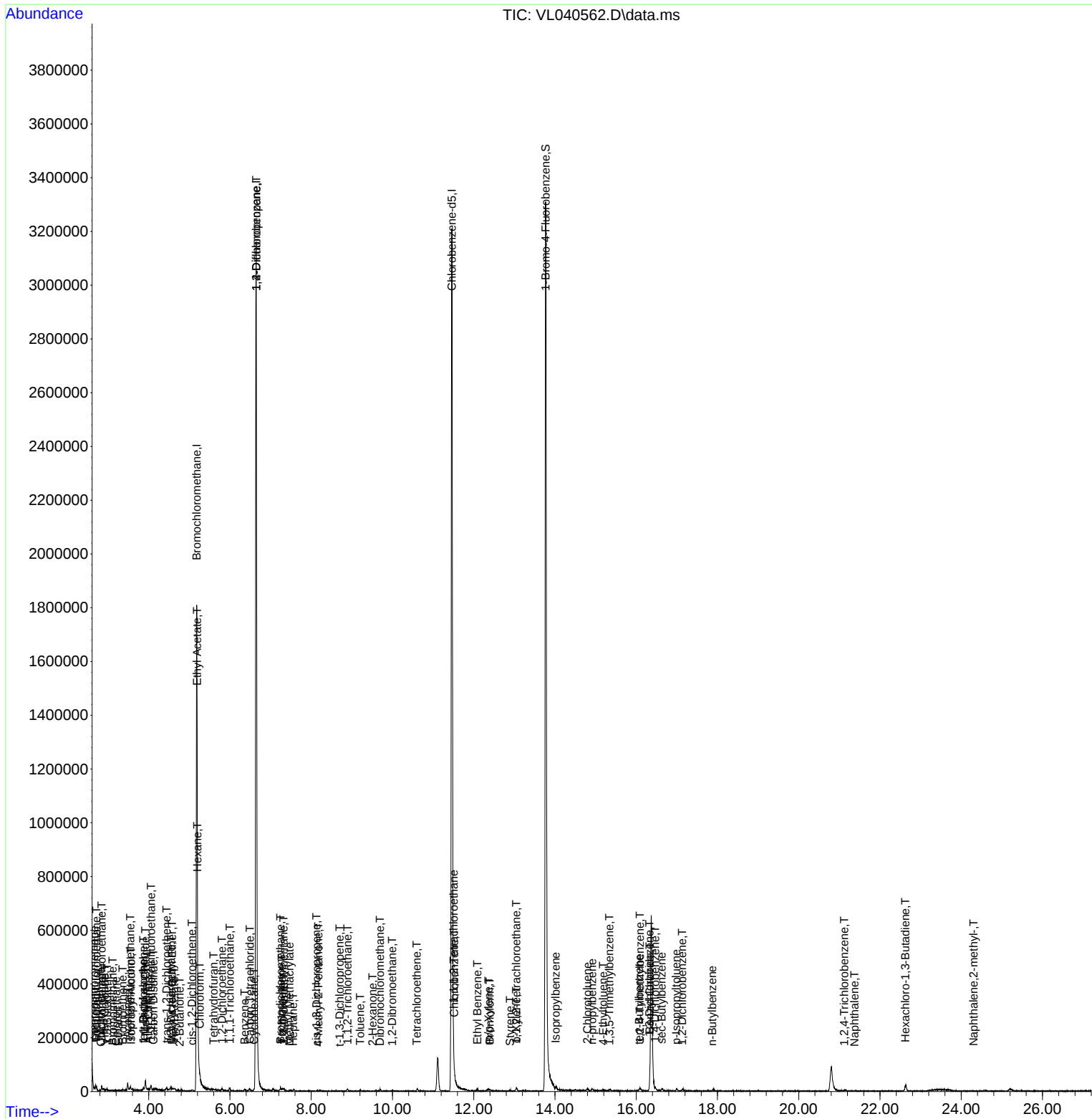
Instrument :
 MSVOA_L
 ClientSampleId :

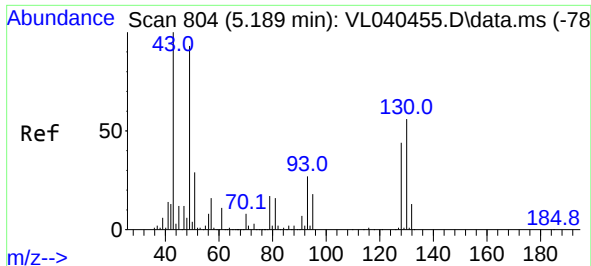
Quant Time: Jul 27 06:04:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 27 04:45:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.127	75	294	0.005	ppbv	#	39
47) 1,1,2-Trichloroethane	8.893	97	766	0.010	ppbv	#	36
48) Dibromochloromethane	9.696	129	1102	0.009	ppbv	#	10
49) Bromoform	12.394	173	914	0.010	ppbv	#	27
50) 4-Methyl-2-Pentanone	8.175	43	52	0.000	ppbv	#	37
51) 2-Hexanone	9.513	43	247	0.002	ppbv	#	28
52) Tetrachloroethene	10.597	164	683	0.012	ppbv	#	20
53) Toluene	9.204	91	1055	0.005	ppbv	#	1
54) 1,2-Dibromoethane	9.995	107	734	0.008	ppbv		89
56) 1,1,1,2-Tetrachloroethane	11.507	131	1463	0.017	ppbv	#	1
57) Chlorobenzene	11.516	112	2225	0.015	ppbv	#	26
58) Ethyl Benzene	12.092	91	2725	0.011	ppbv		94
59) m/p-Xylene	12.362	91	1292	0.006	ppbv	#	1
60) o-Xylene	13.050	91	620	0.003	ppbv	#	31
61) Styrene	12.896	104	491	0.005	ppbv	#	29
62) Isopropylbenzene	14.018	105	2325	0.008	ppbv	#	25
63) 1,1,2,2-Tetrachloroethane	13.047	83	1492	0.010	ppbv	#	1
64) n-propylbenzene	14.915	120	550	0.007	ppbv	#	1
65) tert-Butylbenzene	16.072	119	336	0.001	ppbv	#	17
66) Benzyl Chloride	16.329	91	261	0.013	ppbv	#	63
67) sec-Butylbenzene	16.629	105	1637	0.004	ppbv	#	59
69) p-Isopropyltoluene	16.985	119	2075	0.006	ppbv	#	38
70) n-Butylbenzene	17.873	91	443	0.001	ppbv	#	33
71) 2-Chlorotoluene	14.796	91	1856	0.008	ppbv	#	44
72) 4-Ethyltoluene	15.182	105	740	0.003	ppbv	#	54
73) 1,3,5-Trimethylbenzene	15.342	105	887	0.004	ppbv	#	67
74) 1,2,4-Trimethylbenzene	16.092	105	536	0.002	ppbv	#	29
75) 1,3-Dichlorobenzene	16.326	146	595	0.004	ppbv	#	1
76) 1,4-Dichlorobenzene	16.468	146	484	0.003	ppbv	#	1
77) 1,2-Dichlorobenzene	17.130	146	583	0.004	ppbv	#	1
78) Hexachloro-1,3-Butadiene	22.622	225	1535	0.011	ppbv	#	1
79) Naphthalene	21.374	128	210	0.001	ppbv	#	68
80) Naphthalene,2-methyl-	24.303	142	145	0.002	ppbv	#	32
81) 1,2,4-Trichlorobenzene	21.120	180	145	0.001	ppbv	#	12

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

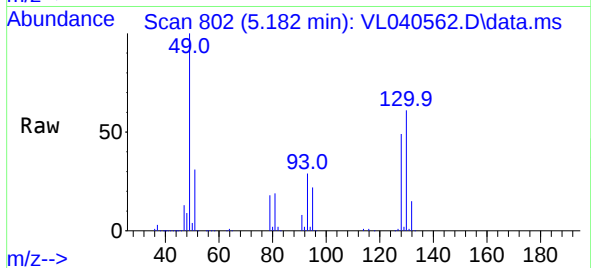
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Jul 27 04:45:44 2023
Response via : Initial Calibration



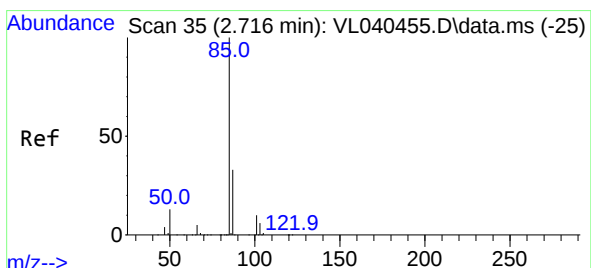
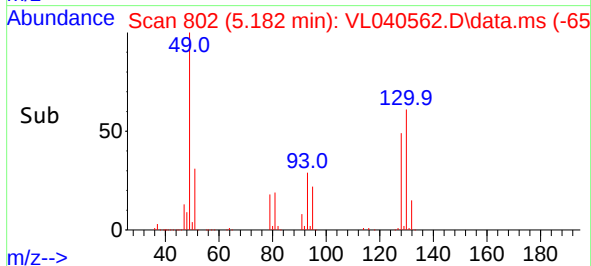
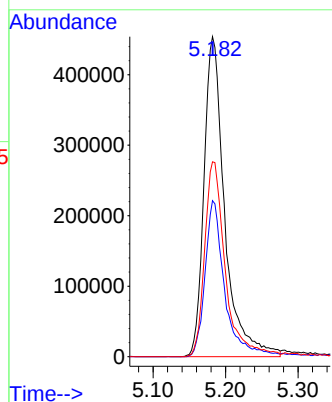


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.020 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Instrument :
MSVOA_L
ClientSampleId :

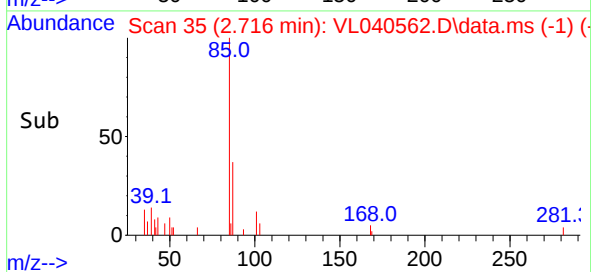
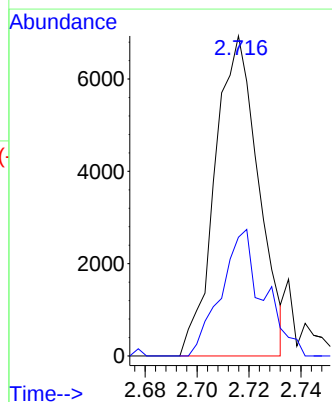
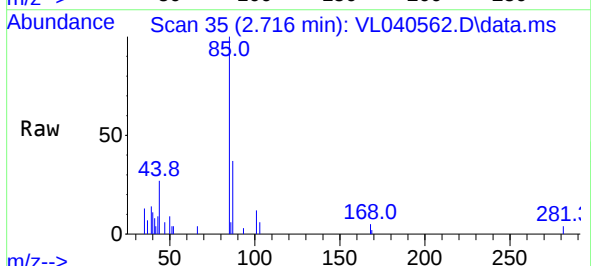


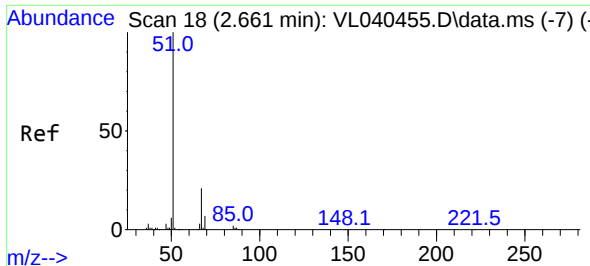
Tgt Ion: 49 Resp: 900389
Ion Ratio Lower Upper
49 100
128 47.3 25.1 75.4
130 62.9 31.6 94.7



#2
Dichlorodifluoromethane
Concen: 0.045 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.023 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Tgt Ion: 85 Resp: 8032
Ion Ratio Lower Upper
85 100
87 37.1 26.8 40.2

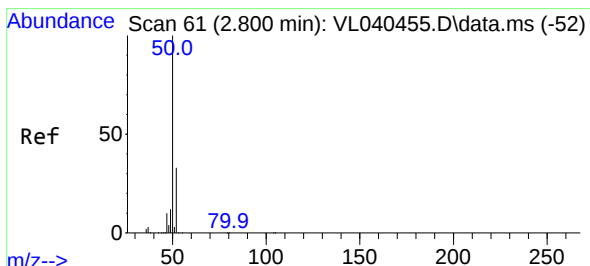
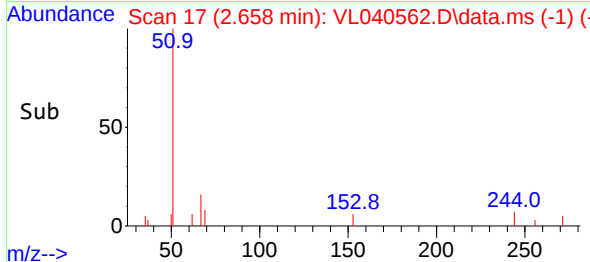
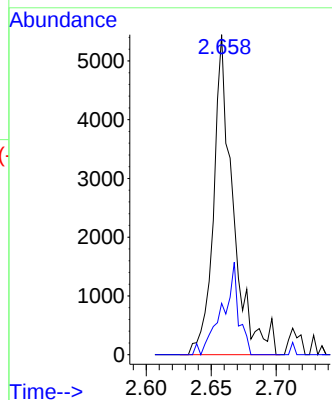
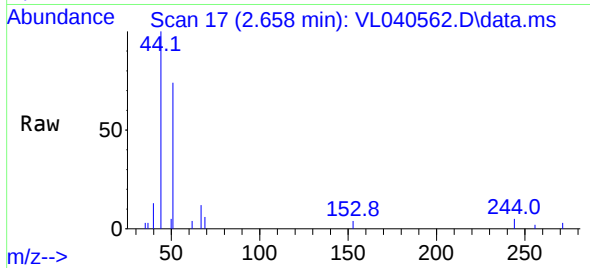




#3
Chlorodifluoromethane
Concen: 0.040 ppbv
RT: 2.658 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

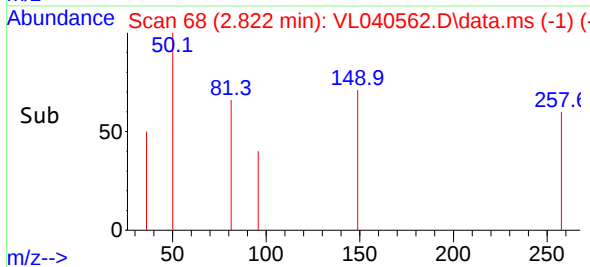
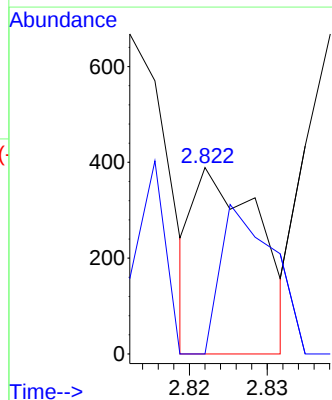
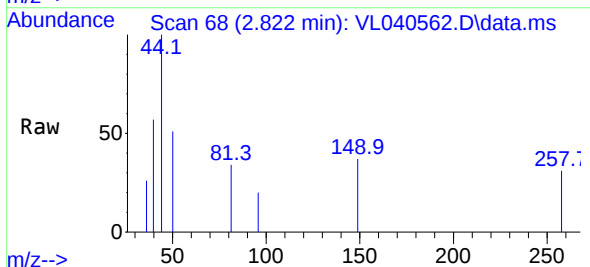
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 5684
Ion Ratio Lower Upper
51 100
67 24.3 14.6 21.8#

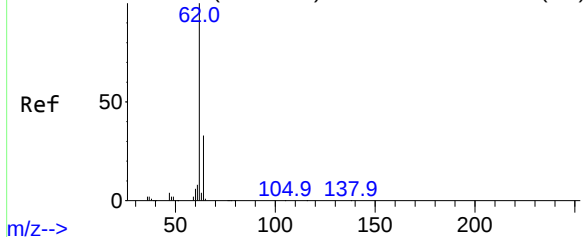


#4
Chloromethane
Concen: 0.004 ppbv
RT: 2.822 min Scan# 68
Delta R.T. -0.000 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Tgt Ion: 50 Resp: 227
Ion Ratio Lower Upper
50 100
52 0.0 24.4 36.6#



Abundance Scan 94 (2.906 min): VL040455.D\data.ms (-85)



#5

Vinyl Chloride

Concen: 0.016 ppbv

RT: 2.915 min Scan# 91

Delta R.T. -0.013 min

Lab File: VL040562.D

Acq: 27 Jul 2023 5:28

Instrument :

MSVOA_L

ClientSampleId :

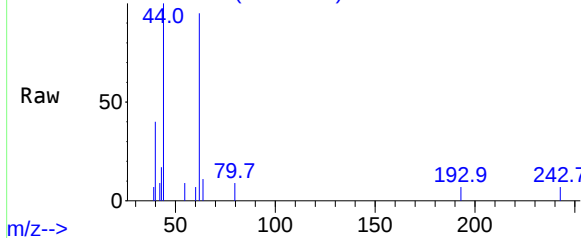
Tgt Ion: 62 Resp: 974

Ion Ratio Lower Upper

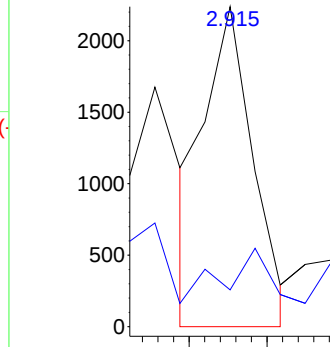
62 100

64 4.9 26.4 39.6#

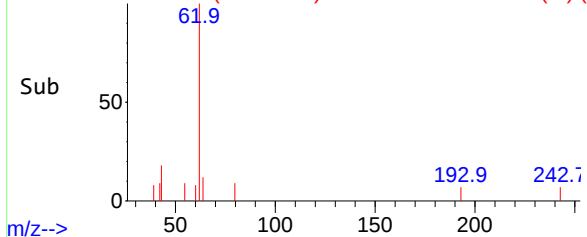
Abundance Scan 97 (2.915 min): VL040562.D\data.ms



Abundance

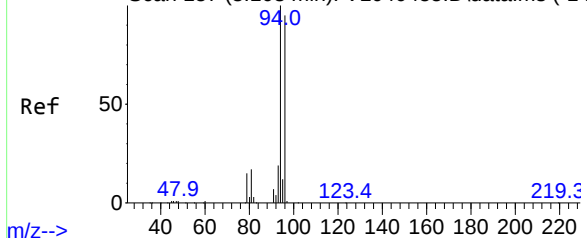


Abundance Scan 97 (2.915 min): VL040562.D\data.ms (-1)



Time-->

Abundance Scan 157 (3.108 min): VL040455.D\data.ms (-14)



#6

Bromomethane

Concen: 0.038 ppbv

RT: 3.111 min Scan# 158

Delta R.T. -0.016 min

Lab File: VL040562.D

Acq: 27 Jul 2023 5:28

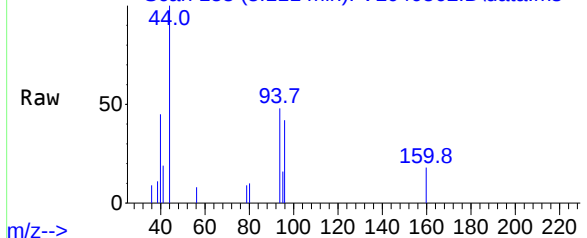
Tgt Ion: 94 Resp: 948

Ion Ratio Lower Upper

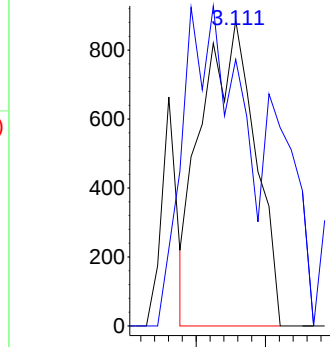
94 100

96 36.7 75.7 113.5#

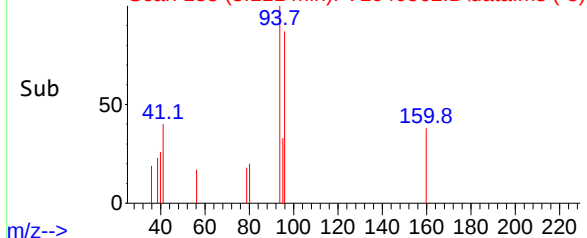
Abundance Scan 158 (3.111 min): VL040562.D\data.ms



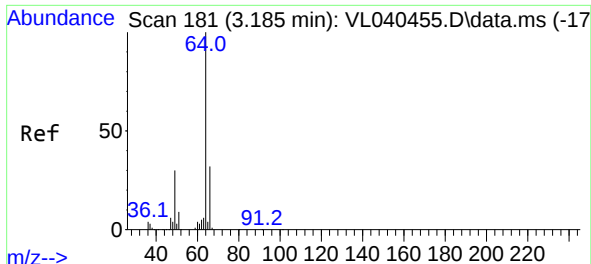
Abundance



Abundance Scan 158 (3.111 min): VL040562.D\data.ms (-8)



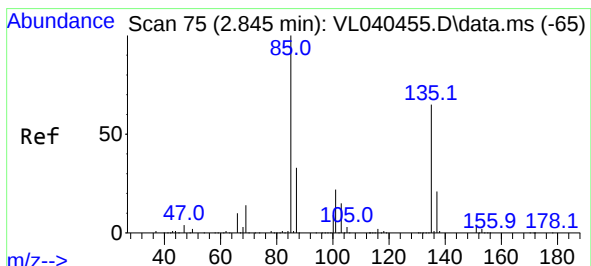
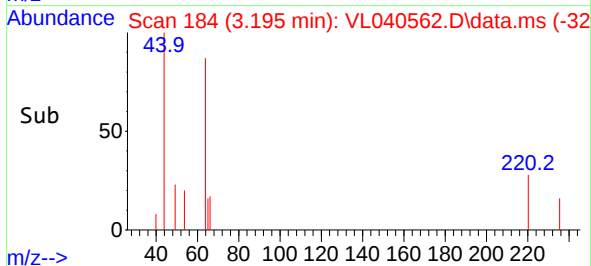
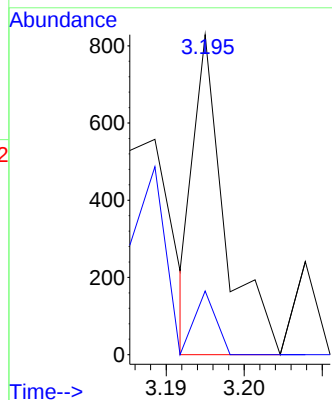
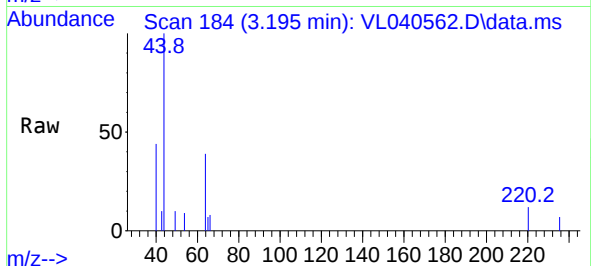
Time-->



#7
Chloroethane
Concen: 0.011 ppbv
RT: 3.195 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

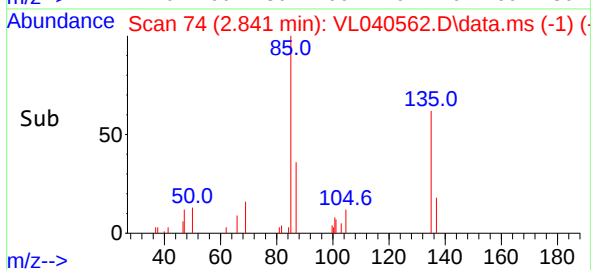
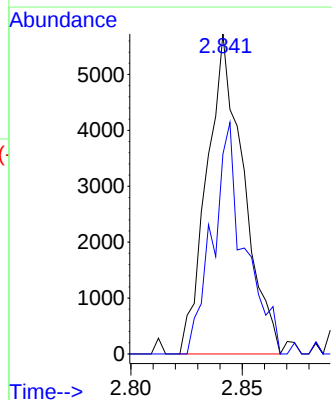
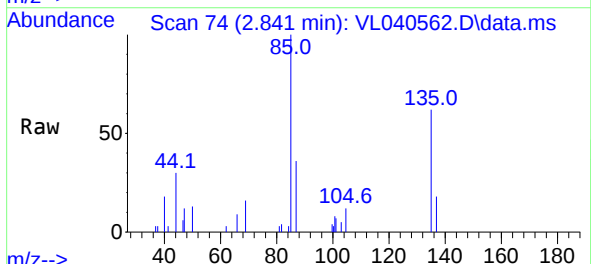
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 229
Ion Ratio Lower Upper
64 100
66 19.9 24.4 36.6#

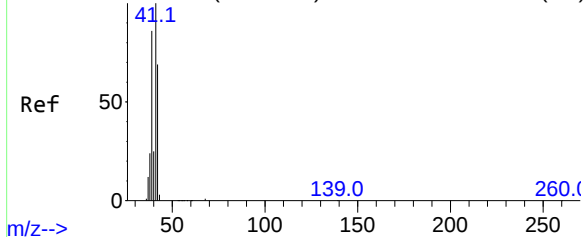


#8
Dichlorotetrafluoroethane
Concen: 0.044 ppbv
RT: 2.841 min Scan# 74
Delta R.T. -0.026 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Tgt Ion: 85 Resp: 6546
Ion Ratio Lower Upper
85 100
135 63.7 52.4 78.6



Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



#9

Propene

Concen: 0.031 ppbv

RT: 2.690 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL040562.D

Acq: 27 Jul 2023 5:28

Instrument :

MSVOA_L

ClientSampleId :

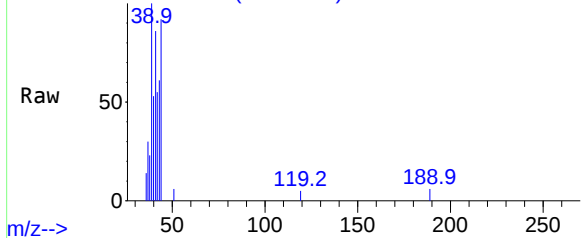
Tgt Ion: 41 Resp: 1536

Ion Ratio Lower Upper

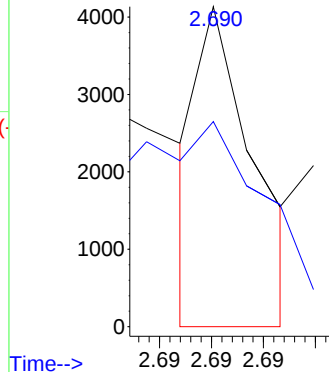
41 100

42 266.8 55.0 82.6#

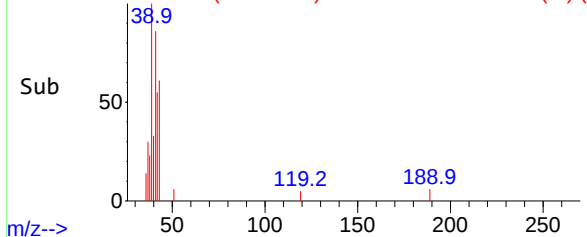
Abundance Scan 27 (2.690 min): VL040562.D\data.ms



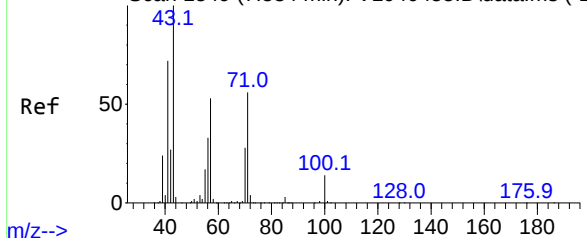
Abundance



Abundance Scan 27 (2.690 min): VL040562.D\data.ms (-1)



Abundance Scan 1549 (7.584 min): VL040455.D\data.ms (-1)



#10

Heptane

Concen: 0.002 ppbv

RT: 7.555 min Scan# 1540

Delta R.T. -0.036 min

Lab File: VL040562.D

Acq: 27 Jul 2023 5:28

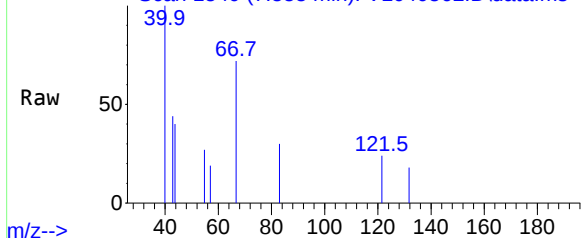
Tgt Ion: 43 Resp: 227

Ion Ratio Lower Upper

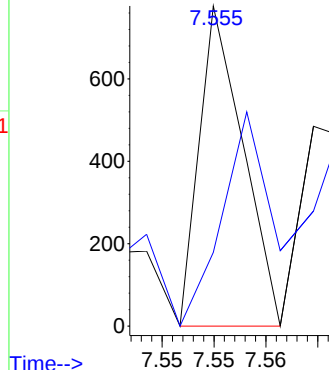
43 100

57 0.0 42.5 63.7#

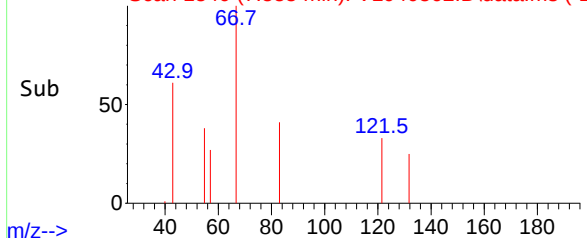
Abundance Scan 1540 (7.555 min): VL040562.D\data.ms

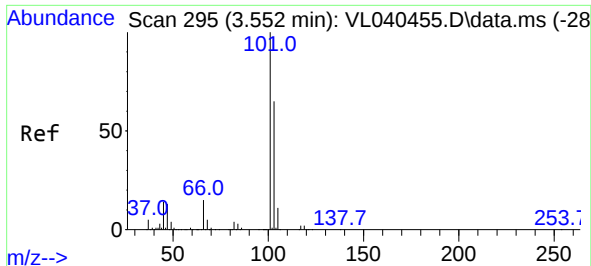


Abundance



Abundance Scan 1540 (7.555 min): VL040562.D\data.ms (-1)

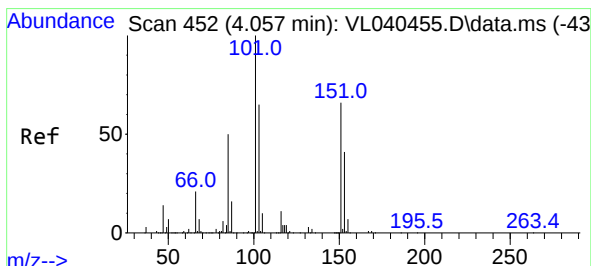
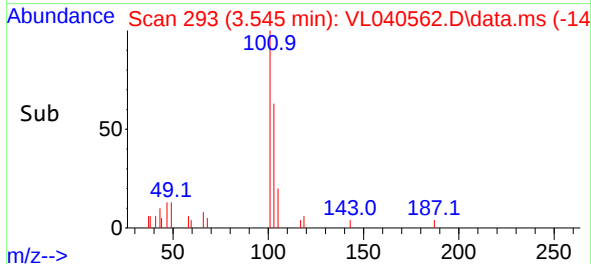
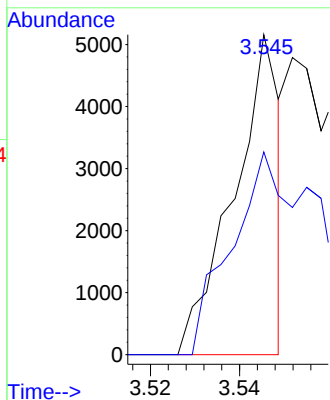
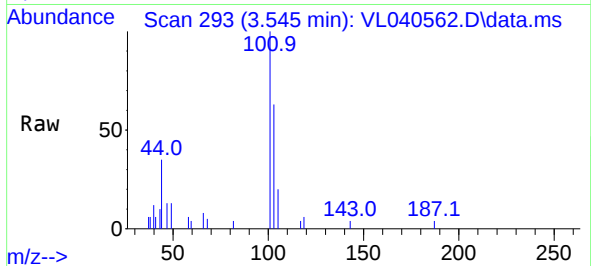




#11
Trichlorofluoromethane
Concen: 0.026 ppbv
RT: 3.545 min Scan# 295
Delta R.T. -0.026 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

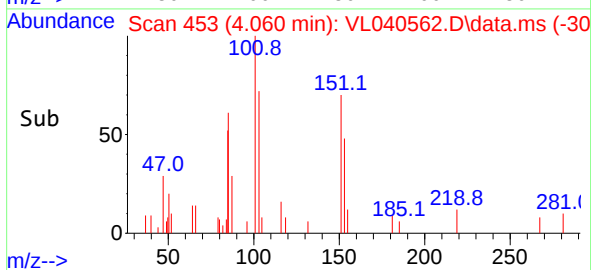
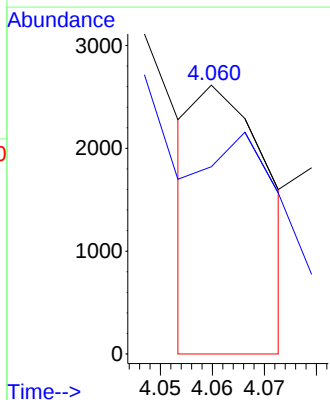
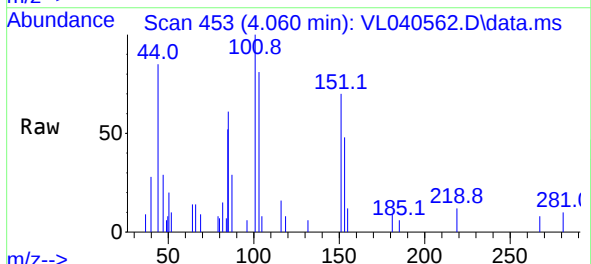
Instrument :
MSVOA_L
ClientSampleId :

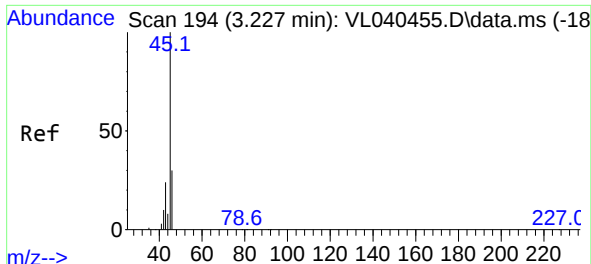
Tgt Ion:101 Resp: 3714
Ion Ratio Lower Upper
101 100
103 63.4 53.4 80.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.012 ppbv
RT: 4.060 min Scan# 453
Delta R.T. -0.013 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Tgt Ion:101 Resp: 1253
Ion Ratio Lower Upper
101 100
151 0.0 58.2 87.4#

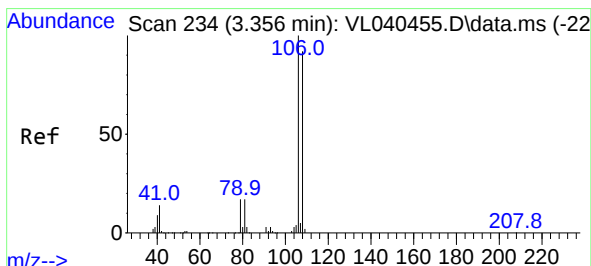
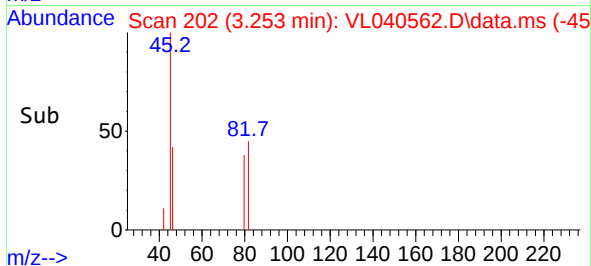
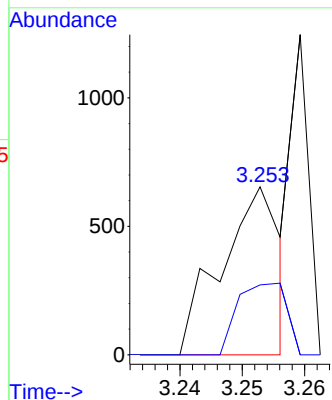
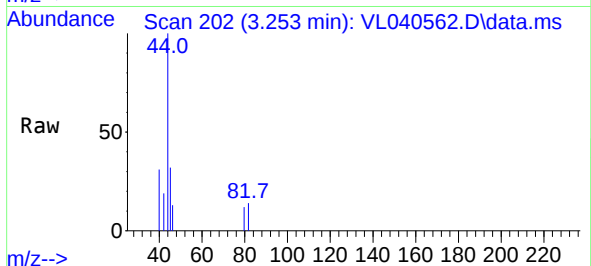




#13
Ethanol
Concen: 0.041 ppbv
RT: 3.253 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

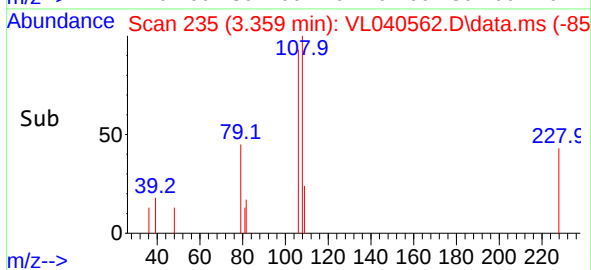
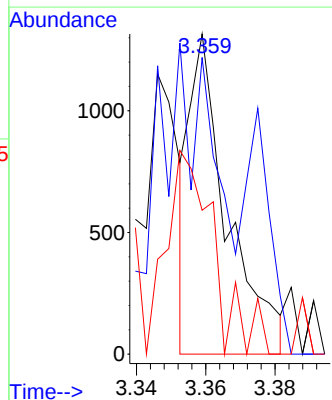
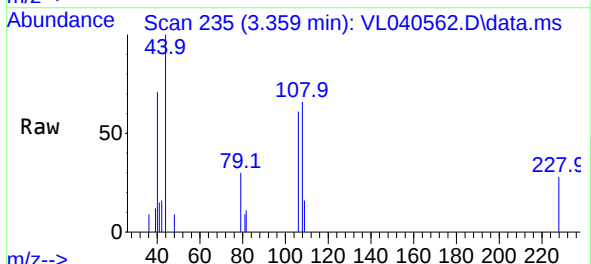
Instrument :
MSVOA_L
ClientSampleId :

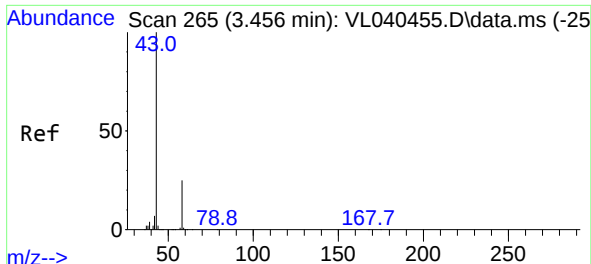
Tgt Ion: 45 Resp: 431
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.1#



#14
Bromoethene
Concen: 0.023 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.016 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Tgt Ion:108 Resp: 1003
Ion Ratio Lower Upper
108 100
106 194.4 87.2 130.8#
79 133.9 15.3 22.9#

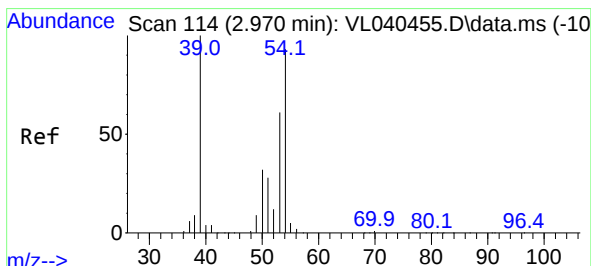
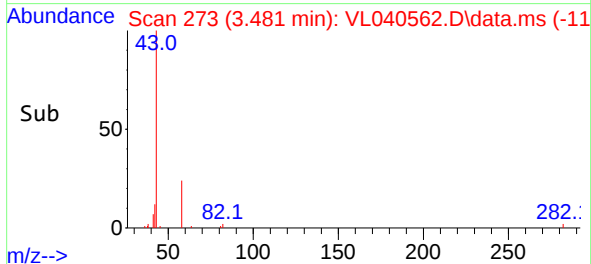
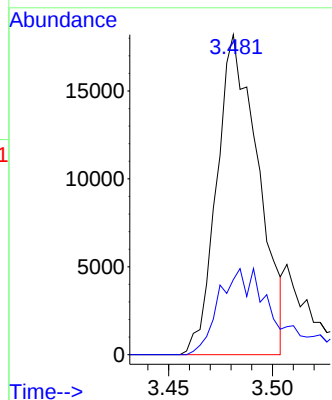
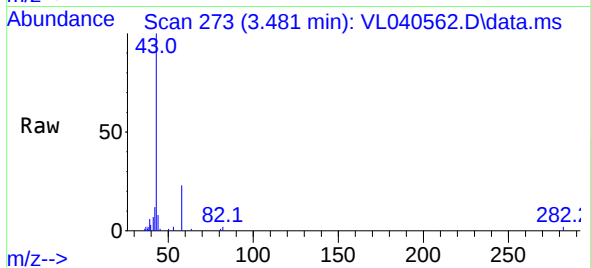




#15
Acetone
Concen: 0.244 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

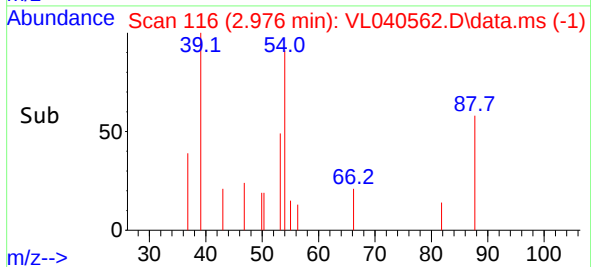
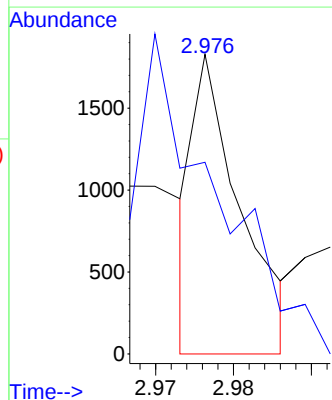
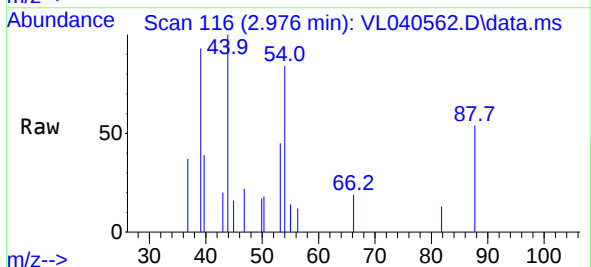
Instrument :
MSVOA_L
ClientSampleId :

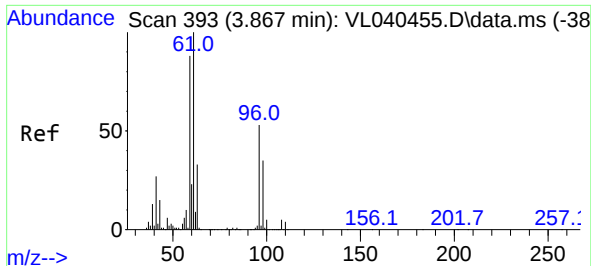
Tgt Ion: 43 Resp: 25242
Ion Ratio Lower Upper
43 100
58 37.3 22.9 34.3#



#16
1,3-Butadiene
Concen: 0.015 ppbv
RT: 2.976 min Scan# 116
Delta R.T. -0.016 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Tgt Ion: 39 Resp: 765
Ion Ratio Lower Upper
39 100
54 197.4 66.6 100.0#

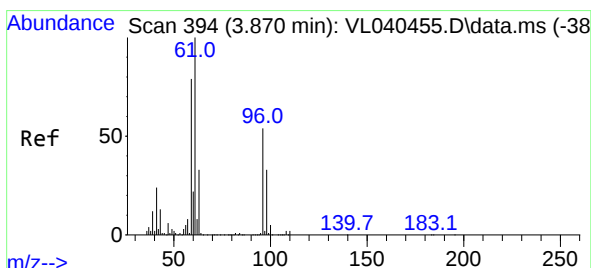
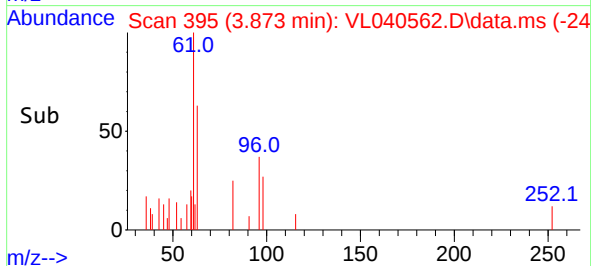
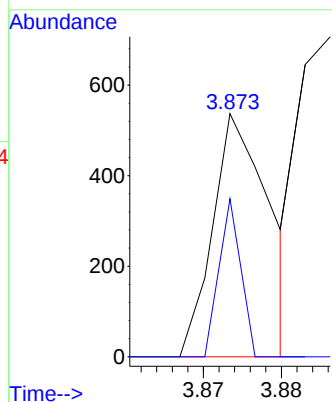
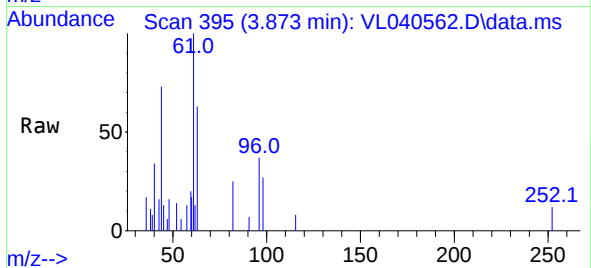




#17
tert-Butyl alcohol
Concen: 0.003 ppbv
RT: 3.873 min Scan# 393
Delta R.T. -0.010 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

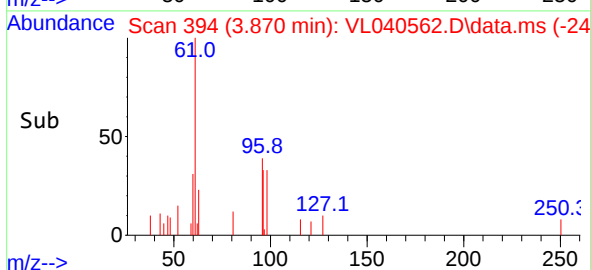
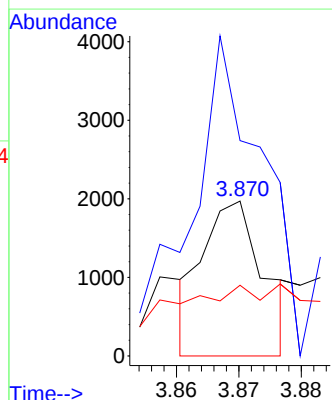
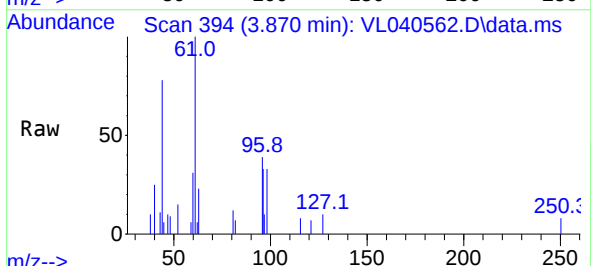
Instrument :
MSVOA_L
ClientSampleId :

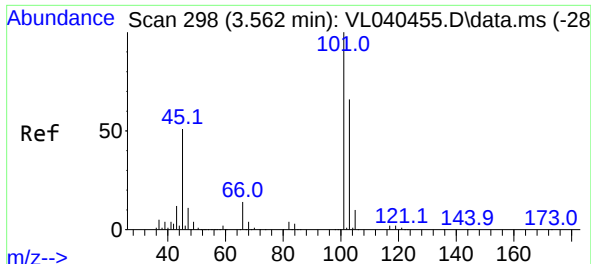
Tgt Ion: 59 Resp: 272
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#18
1,1-Dichloroethene
Concen: 0.029 ppbv
RT: 3.870 min Scan# 394
Delta R.T. -0.019 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Tgt Ion: 96 Resp: 1343
Ion Ratio Lower Upper
96 100
61 141.9 154.4 231.6#
98 23.6 50.0 75.0#





#19

Isopropyl Alcohol

Concen: 0.001 ppbv

RT: 3.568 min Scan# 30

Delta R.T. -0.013 min

Lab File: VL040562.D

Acq: 27 Jul 2023 5:28

Instrument :

MSVOA_L

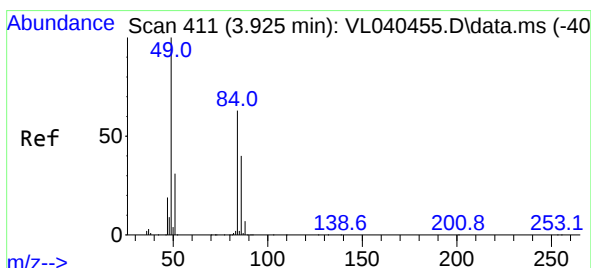
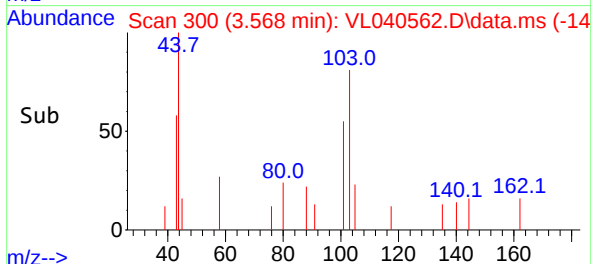
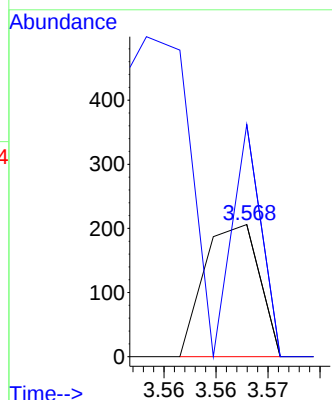
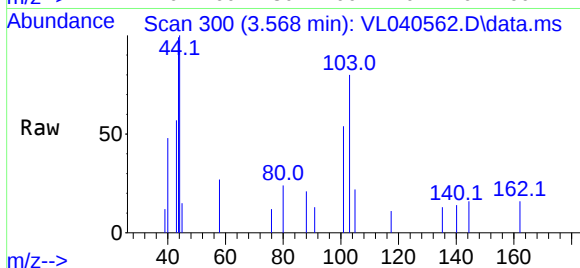
ClientSampleId :

Tgt Ion: 45 Resp: 76

Ion Ratio Lower Upper

45 100

58 759.2 1.1 1.7#



#20

Methylene Chloride

Concen: 0.232 ppbv

RT: 3.922 min Scan# 410

Delta R.T. -0.019 min

Lab File: VL040562.D

Acq: 27 Jul 2023 5:28

Tgt Ion: 84 Resp: 10249

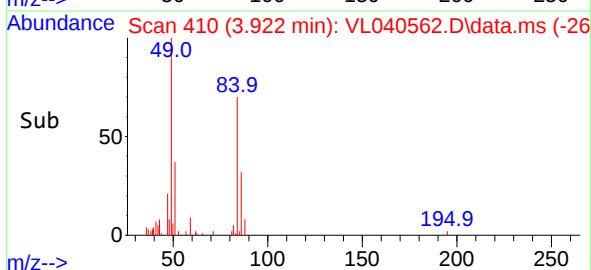
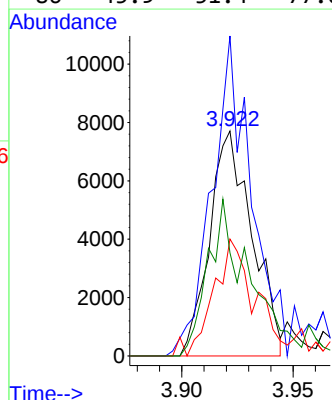
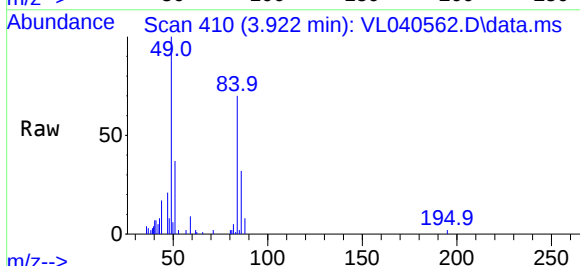
Ion Ratio Lower Upper

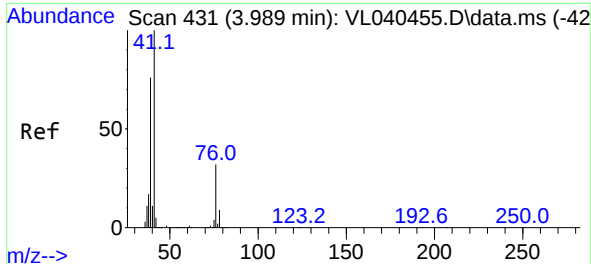
84 100

49 134.4 123.4 185.2

51 45.2 38.3 57.5

86 45.9 51.4 77.0#

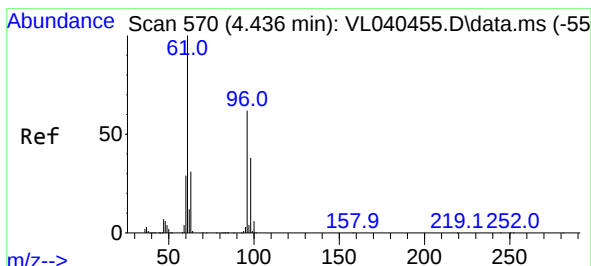
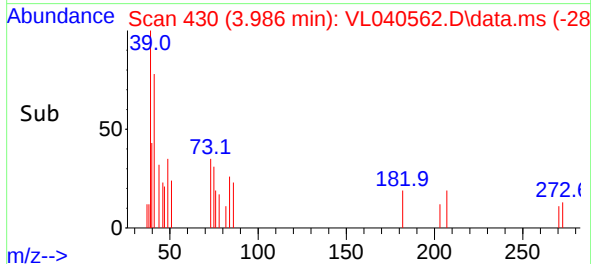
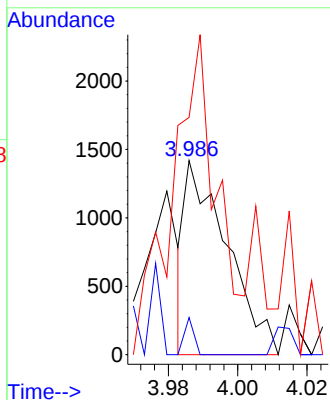
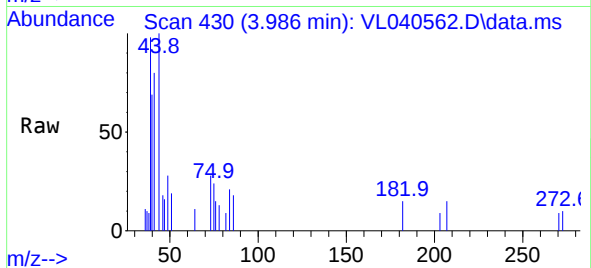




#21
Allyl Chloride
Concen: 0.020 ppbv
RT: 3.986 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

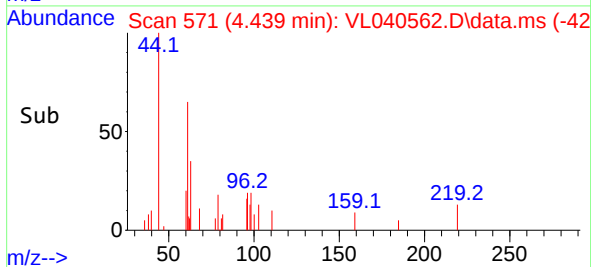
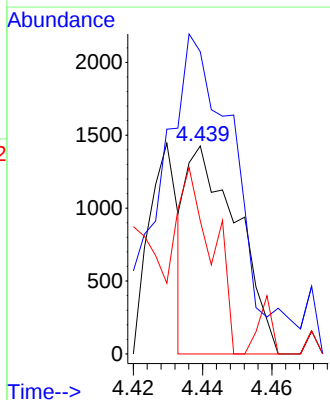
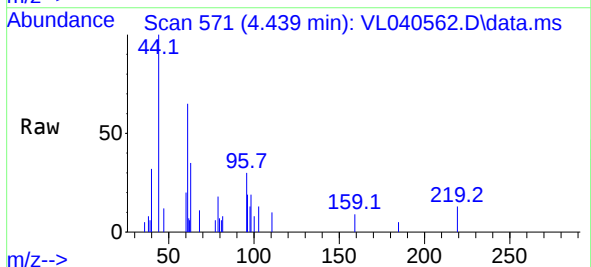
Instrument :
MSVOA_L
ClientSampleId :

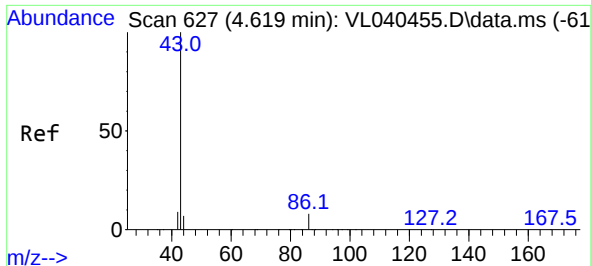
Tgt Ion: 41 Resp: 1197
Ion Ratio Lower Upper
41 100
76 0.0 24.8 37.2#
39 256.5 60.6 91.0#



#22
trans-1,2-Dichloroethene
Concen: 0.031 ppbv
RT: 4.439 min Scan# 571
Delta R.T. -0.013 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

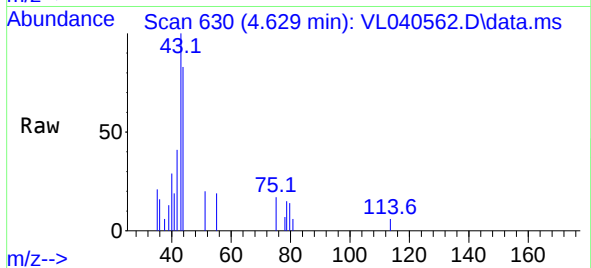
Tgt Ion: 96 Resp: 1447
Ion Ratio Lower Upper
96 100
61 123.3 137.7 206.5#
98 64.0 52.9 79.3





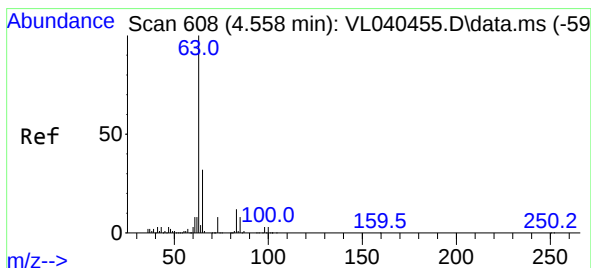
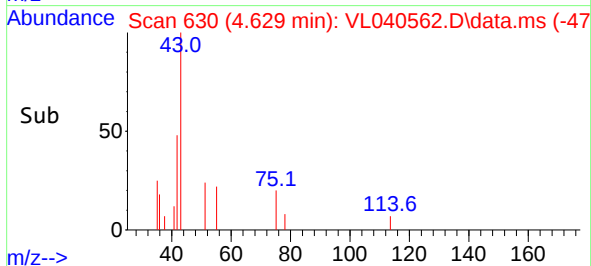
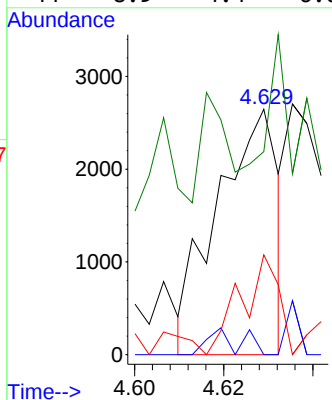
#23
 Vinyl Acetate
 Concen: 0.025 ppbv
 RT: 4.629 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: VL040562.D
 Acq: 27 Jul 2023 5:28

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 2500

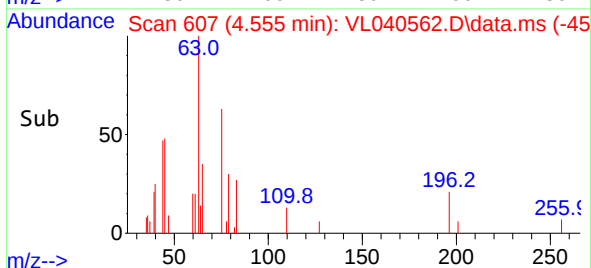
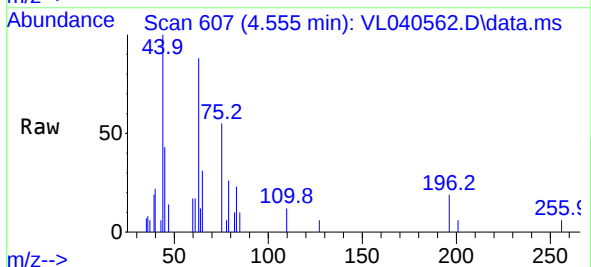
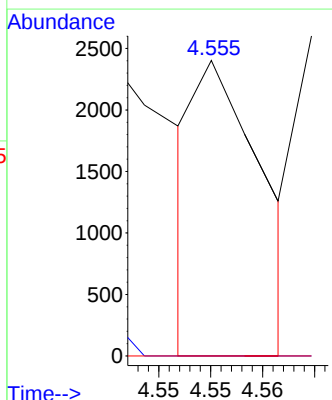
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.6	8.4#
42	19.9	7.4	11.2#
44	8.9	4.4	6.6#

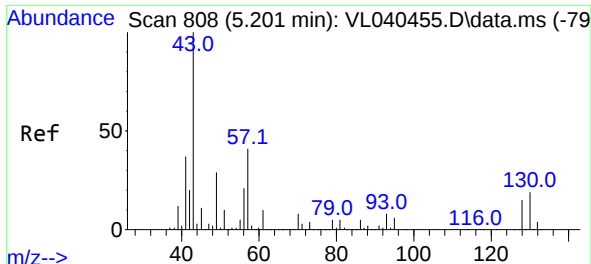


#24
 1,1-Dichloroethane
 Concen: 0.011 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. -0.016 min
 Lab File: VL040562.D
 Acq: 27 Jul 2023 5:28

Tgt Ion: 63 Resp: 1055

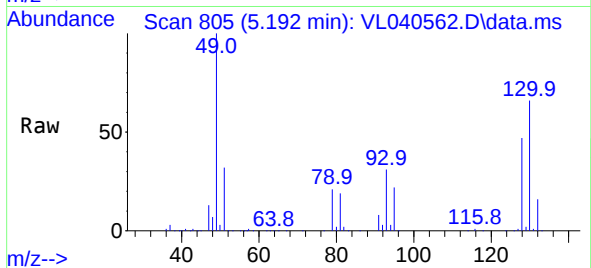
Ion	Ratio	Lower	Upper
63	100		
98	0.0	1.8	5.5#
100	0.0	1.4	4.0#





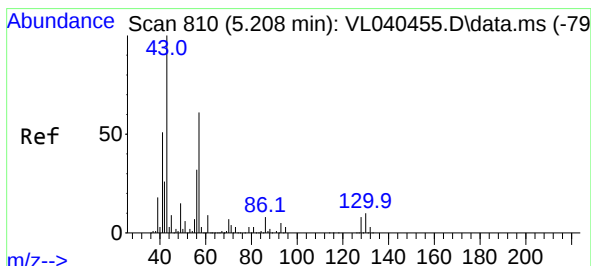
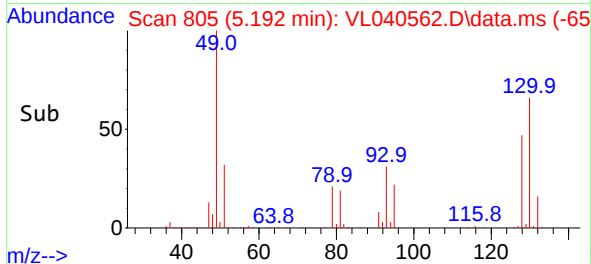
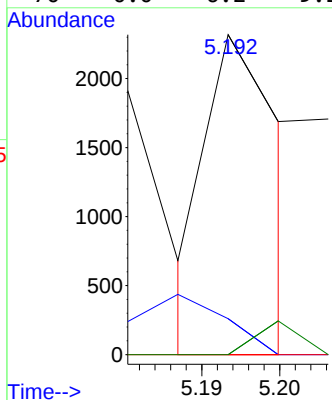
#25
Ethyl Acetate
Concen: 0.004 ppbv
RT: 5.192 min Scan# 808
Delta R.T. -0.019 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 773

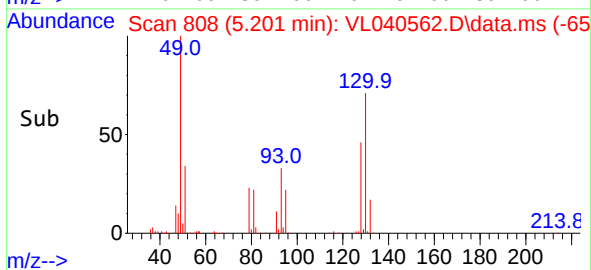
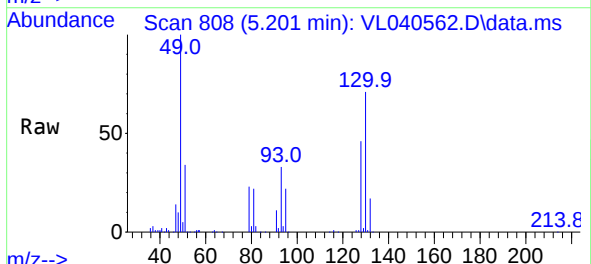
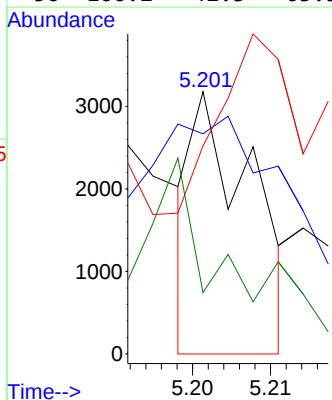
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.4#
61	0.0	8.3	12.5#
70	0.0	6.2	9.2#

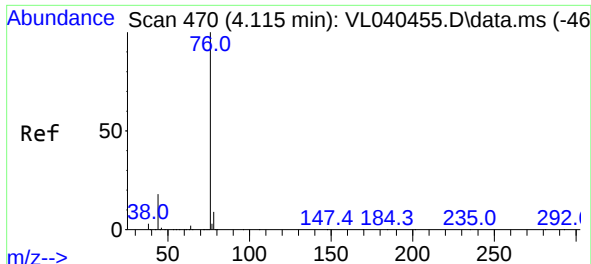


#26
Hexane
Concen: 0.018 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.019 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Tgt Ion: 57 Resp: 1688

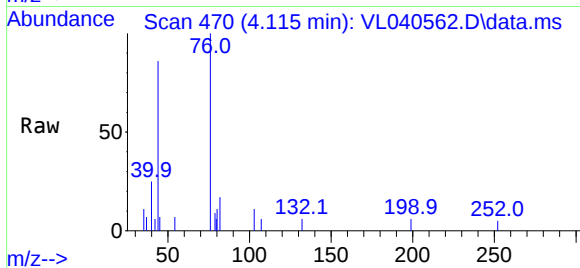
Ion	Ratio	Lower	Upper
57	100		
41	306.6	69.5	104.3#
43	449.4	177.1	265.7#
56	166.2	42.3	63.5#



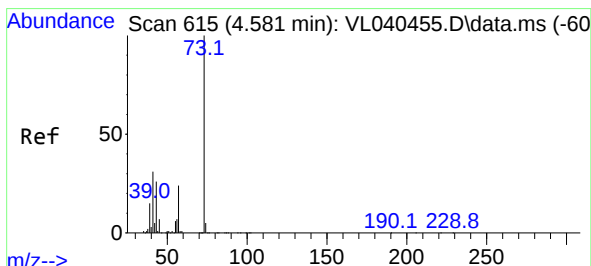
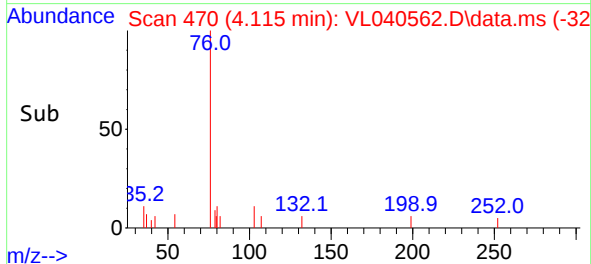
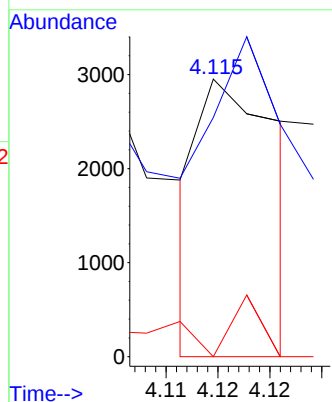


#27
Carbon Disulfide
Concen: 0.014 ppbv
RT: 4.115 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Instrument :
MSVOA_L
ClientSampleId :

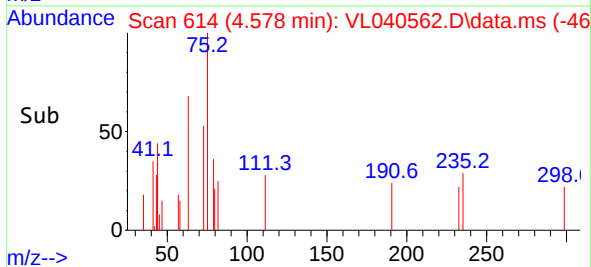
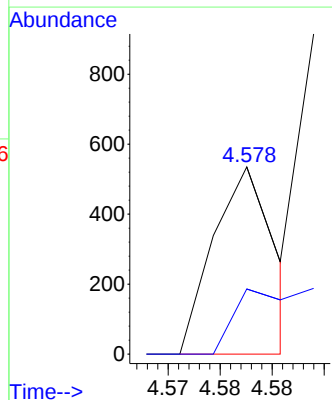
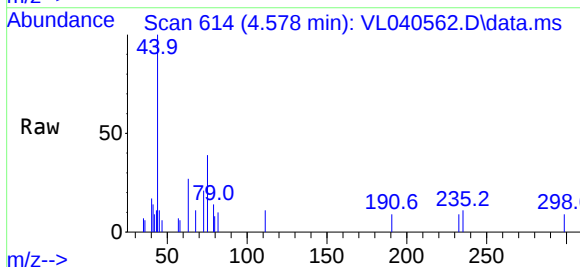


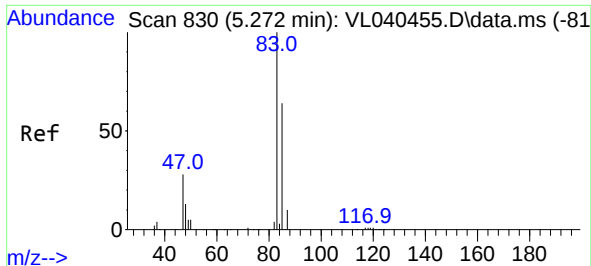
Tgt Ion: 76 Resp: 1552
Ion Ratio Lower Upper
76 100
44 208.8 15.1 22.7#
78 21.8 7.5 11.3#



#28
Methyl tert-Butyl Ether
Concen: 0.003 ppbv
RT: 4.578 min Scan# 614
Delta R.T. -0.016 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Tgt Ion: 73 Resp: 219
Ion Ratio Lower Upper
73 100
57 0.0 18.8 28.2#





#29

Chloroform

Concen: 0.038 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.026 min

Lab File: VL040562.D

Acq: 27 Jul 2023 5:28

Instrument :

MSVOA_L

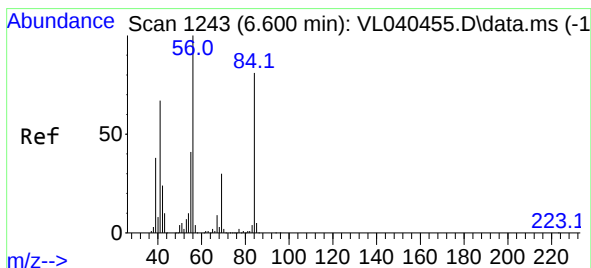
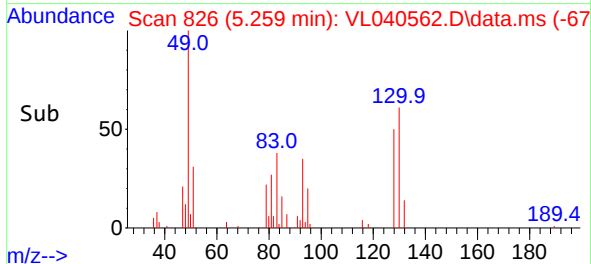
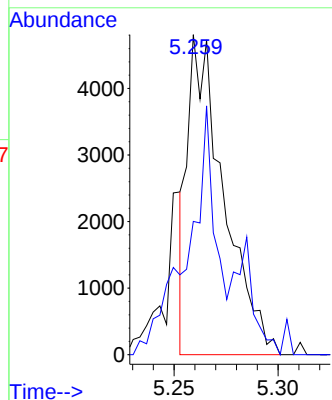
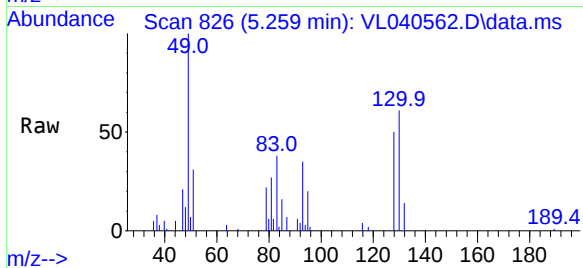
ClientSampleId :

Tgt Ion: 83 Resp: 5782

Ion Ratio Lower Upper

83 100

85 41.7 51.1 76.7#



#30

Cyclohexane

Concen: 0.012 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.019 min

Lab File: VL040562.D

Acq: 27 Jul 2023 5:28

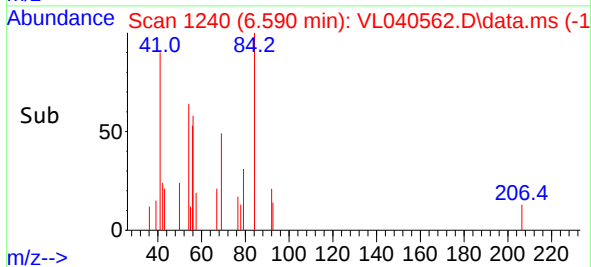
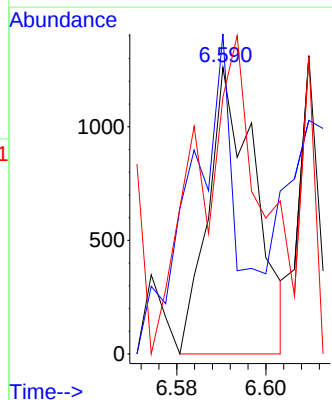
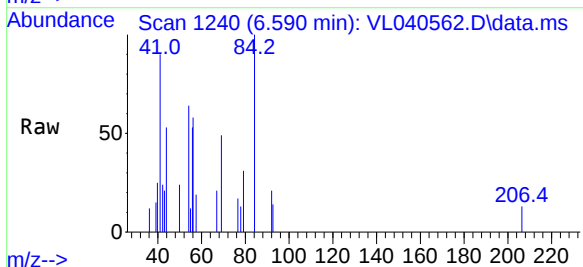
Tgt Ion: 84 Resp: 931

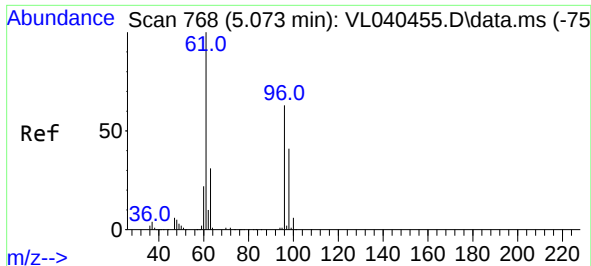
Ion Ratio Lower Upper

84 100

56 0.0 108.7 163.1#

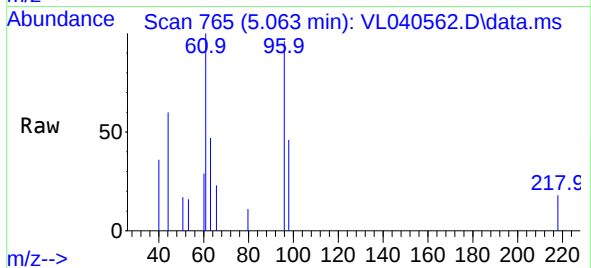
41 212.0 64.5 96.7#





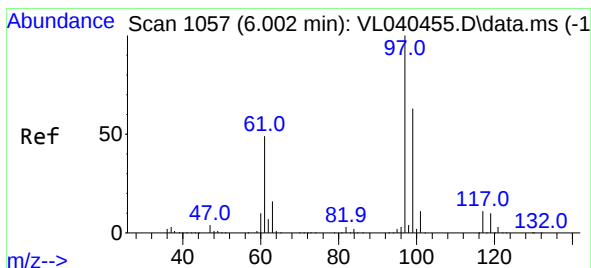
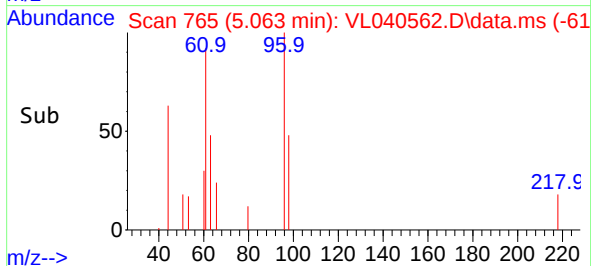
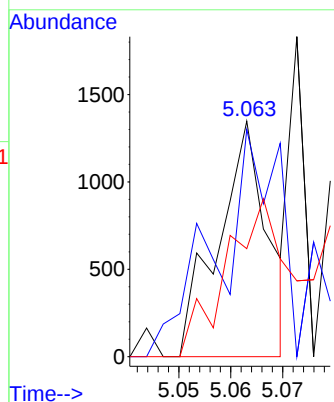
#31
 cis-1,2-Dichloroethene
 Concen: 0.010 ppbv
 RT: 5.063 min Scan# 71
 Delta R.T. -0.023 min
 Lab File: VL040562.D
 Acq: 27 Jul 2023 5:28

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 61 Resp: 888

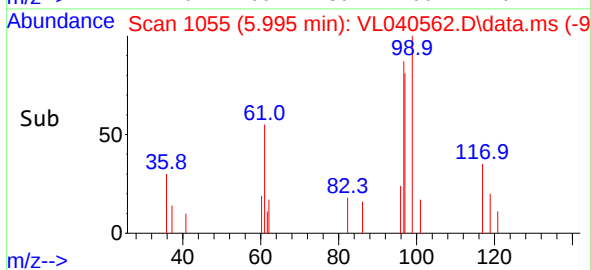
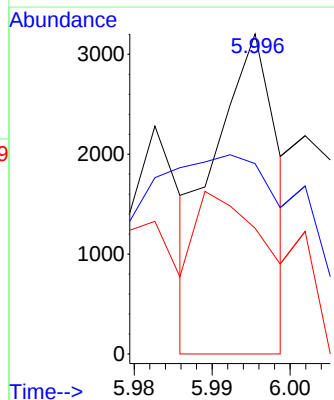
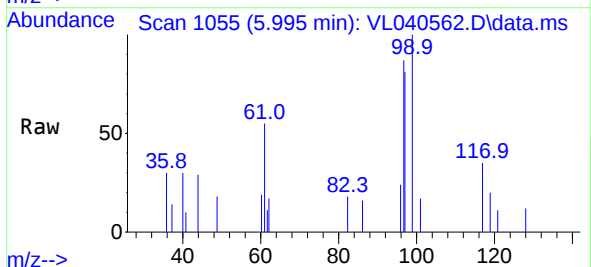
Ion	Ratio	Lower	Upper
61	100		
96	78.2	54.7	82.1
98	45.8	34.6	52.0

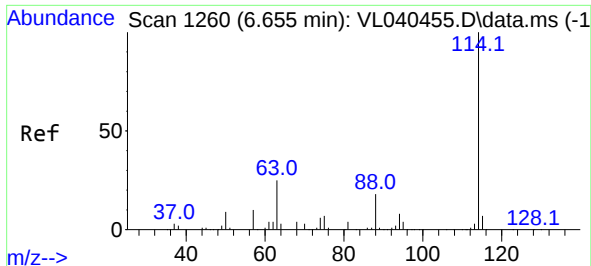


#32
 1,1,1-Trichloroethane
 Concen: 0.012 ppbv
 RT: 5.995 min Scan# 1055
 Delta R.T. -0.016 min
 Lab File: VL040562.D
 Acq: 27 Jul 2023 5:28

Tgt Ion: 97 Resp: 1802

Ion	Ratio	Lower	Upper
97	100		
99	221.8	52.0	78.0#
61	139.5	38.9	58.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL040562.D

Acq: 27 Jul 2023 5:28

Instrument :

MSVOA_L

ClientSampleId :

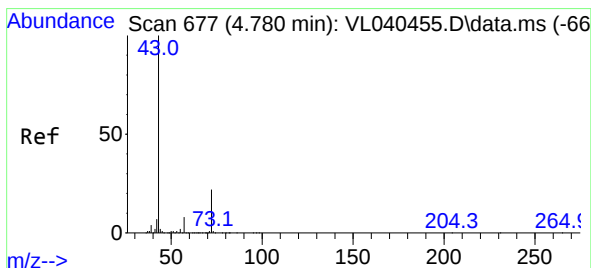
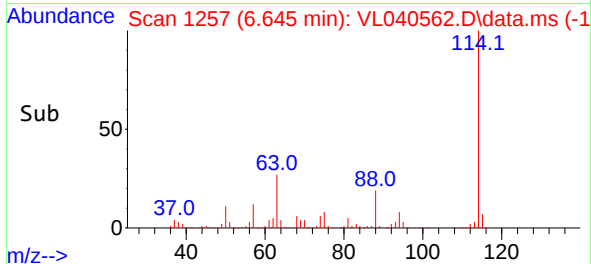
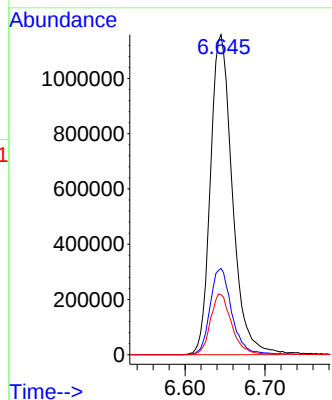
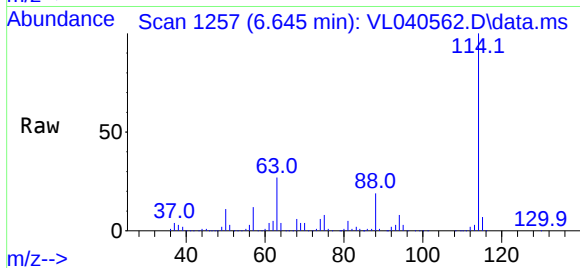
Tgt Ion:114 Resp: 2203353

Ion Ratio Lower Upper

114 100

63 27.1 19.6 29.4

88 18.5 14.2 21.2



#34

2-Butanone

Concen: 0.001 ppbv

RT: 4.764 min Scan# 672

Delta R.T. -0.029 min

Lab File: VL040562.D

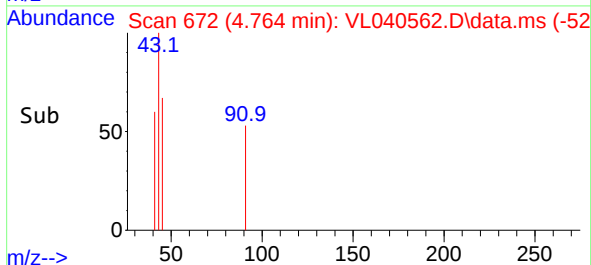
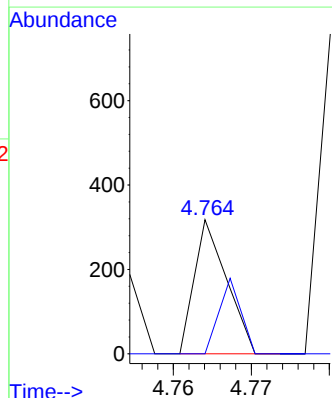
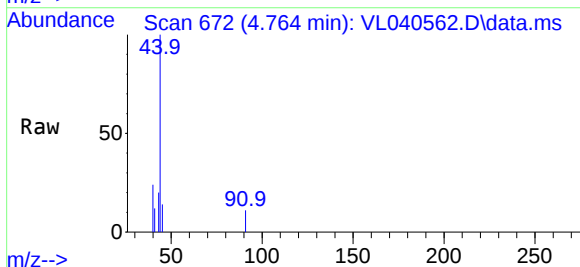
Acq: 27 Jul 2023 5:28

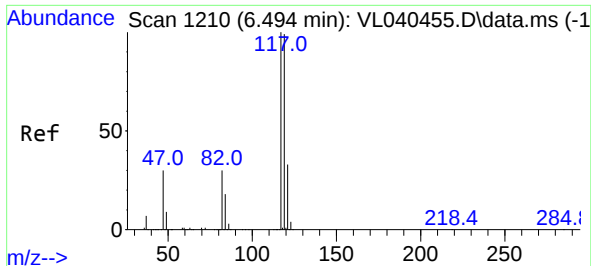
Tgt Ion: 43 Resp: 91

Ion Ratio Lower Upper

43 100

72 0.0 19.1 28.7#

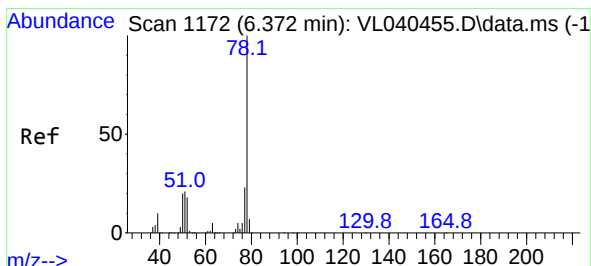
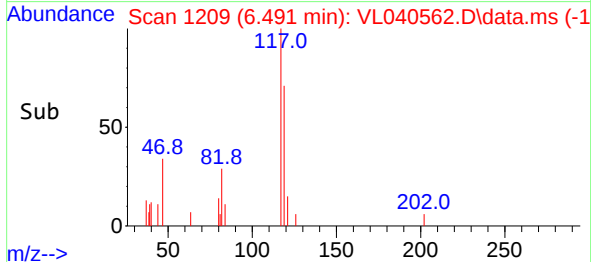
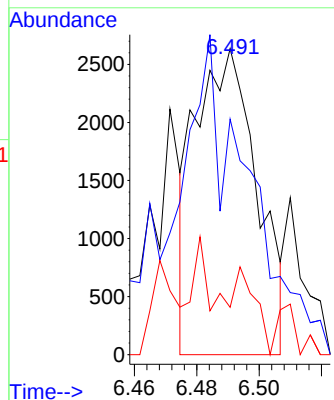
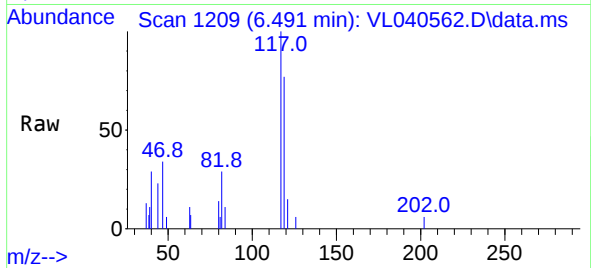




#35
Carbon Tetrachloride
Concen: 0.027 ppbv
RT: 6.491 min Scan# 1169
Delta R.T. -0.013 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

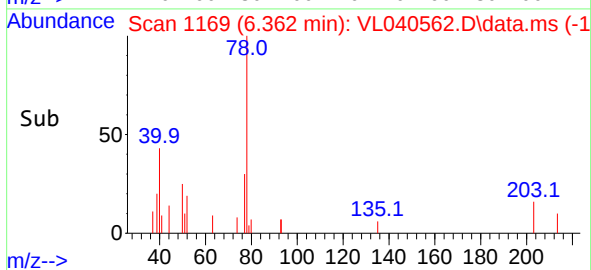
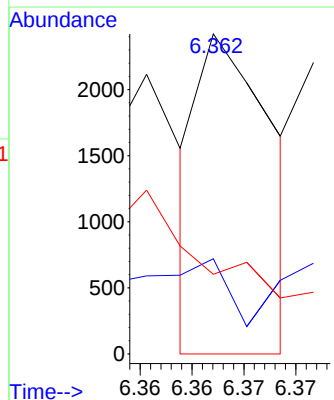
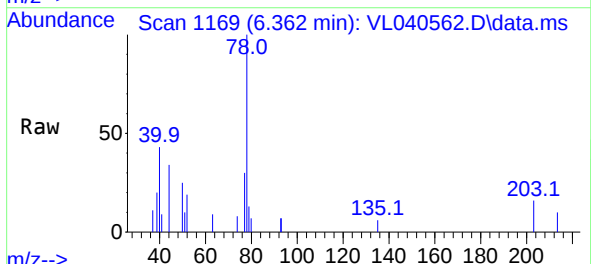
Instrument :
MSVOA_L
ClientSampleId :

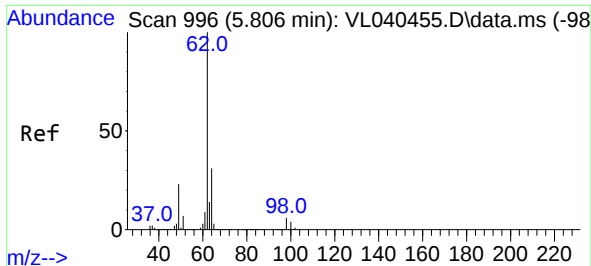
Tgt Ion:117 Resp: 3612
Ion Ratio Lower Upper
117 100
119 73.6 77.8 116.6#
121 1.2 24.8 37.2#



#36
Benzene
Concen: 0.007 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Tgt Ion: 78 Resp: 1181
Ion Ratio Lower Upper
78 100
77 18.9 17.4 26.0
50 20.7 14.4 21.6





#37

1,2-Dichloroethane

Concen: 0.013 ppbv

RT: 5.803 min Scan# 996

Delta R.T. -0.013 min

Lab File: VL040562.D

Acq: 27 Jul 2023 5:28

Instrument :

MSVOA_L

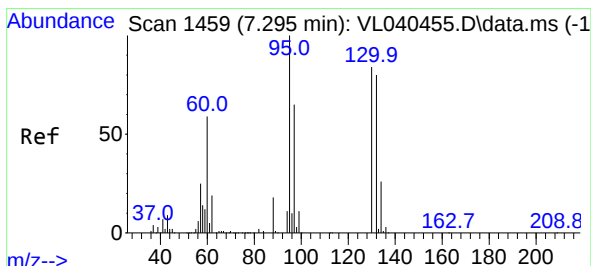
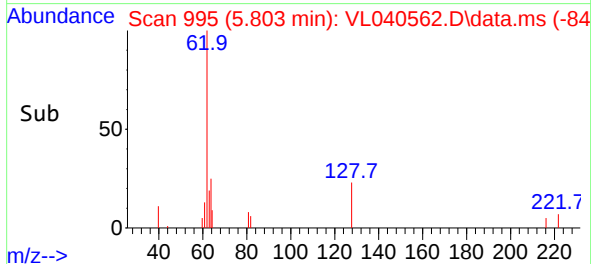
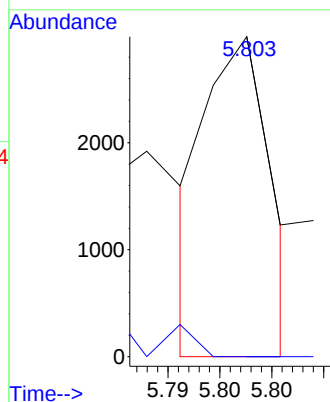
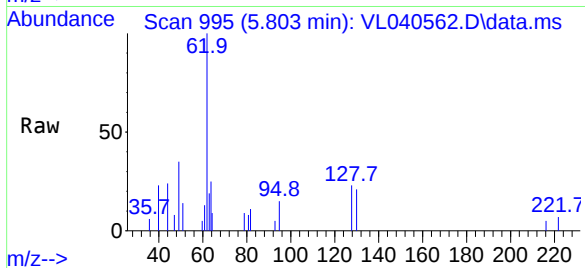
ClientSampleId :

Tgt Ion: 62 Resp: 1305

Ion Ratio Lower Upper

62 100

98 0.0 5.1 7.7#



#38

Trichloroethene

Concen: 0.027 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. -0.026 min

Lab File: VL040562.D

Acq: 27 Jul 2023 5:28

Tgt Ion:130 Resp: 1809

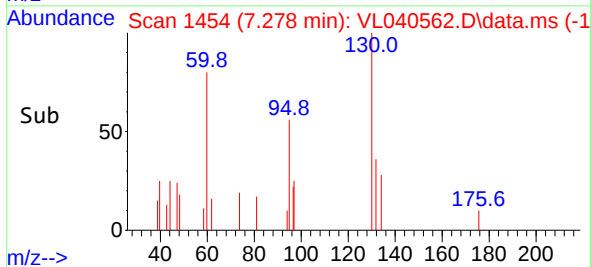
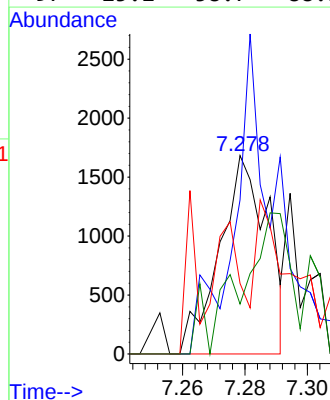
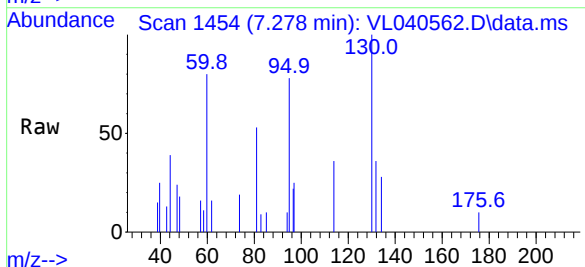
Ion Ratio Lower Upper

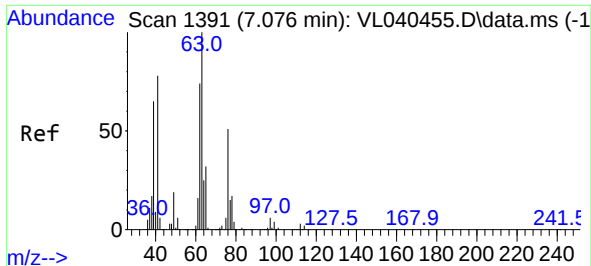
130 100

95 77.7 90.2 135.2#

132 35.6 76.3 114.5#

97 25.2 58.7 88.1#





#39

1,2-Dichloropropane

Concen: 8.625 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.437 min

Lab File: VL040562.D

Acq: 27 Jul 2023 5:28

Instrument :

MSVOA_L

ClientSampleId :

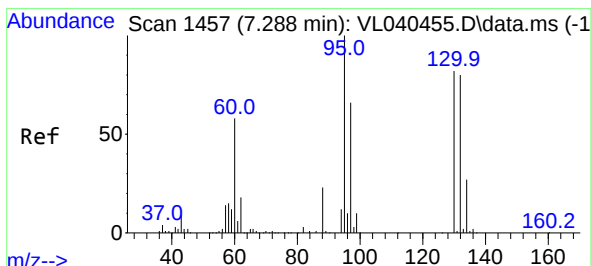
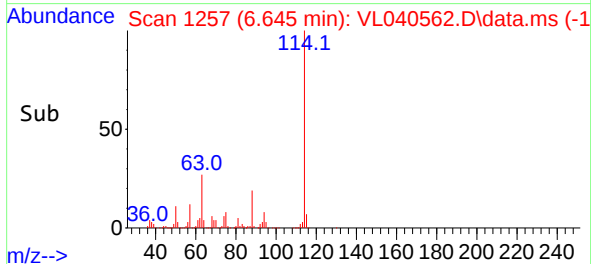
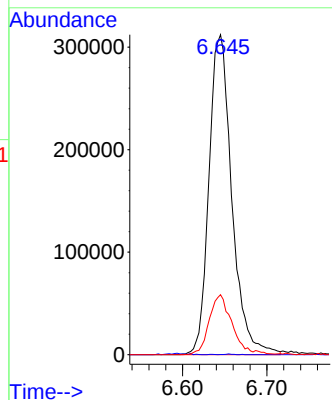
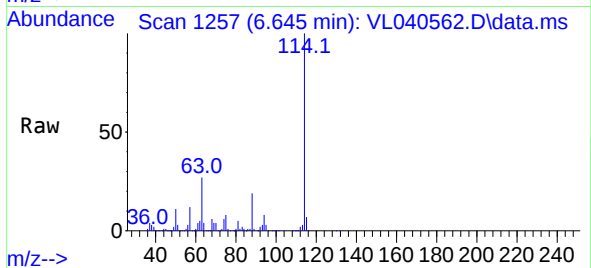
Tgt Ion: 63 Resp: 588665

Ion Ratio Lower Upper

63 100

41 0.2 54.3 81.5#

62 18.8 55.6 83.4#



#40

1,4-Dioxane

Concen: 0.004 ppbv

RT: 7.327 min Scan# 1469

Delta R.T. 0.029 min

Lab File: VL040562.D

Acq: 27 Jul 2023 5:28

Tgt Ion: 88 Resp: 89

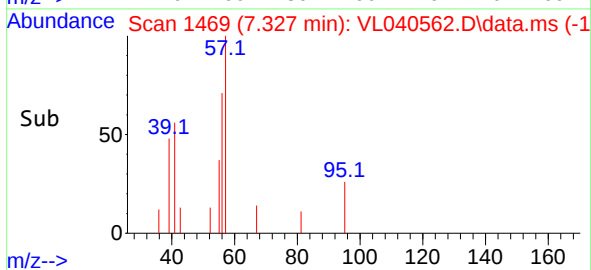
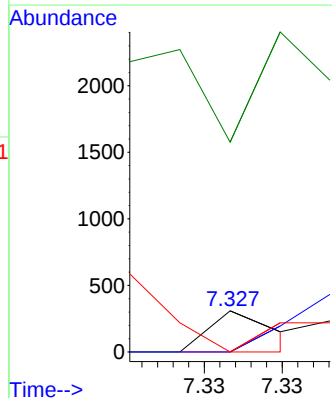
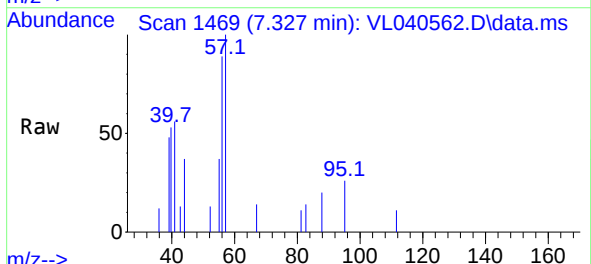
Ion Ratio Lower Upper

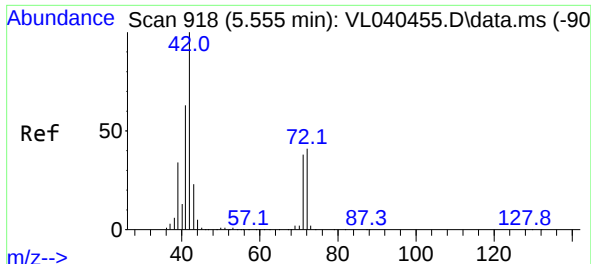
88 100

58 232.6 58.6 88.0#

43 880.9 0.0 0.0#

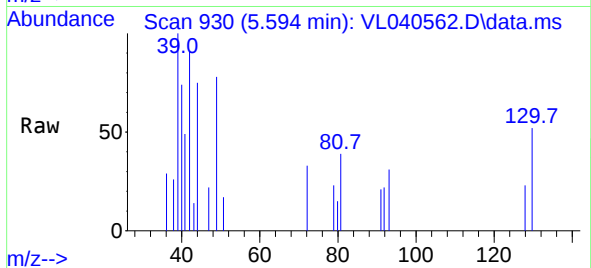
57 7100.0 0.0 0.0#



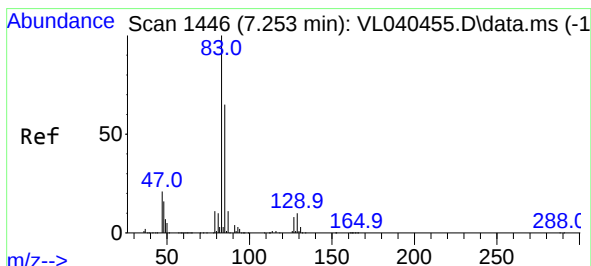
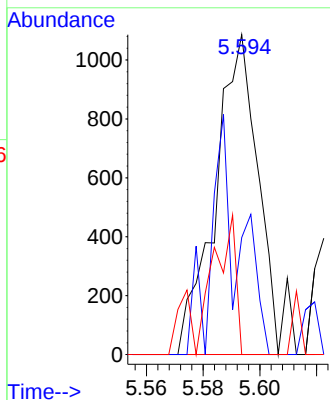
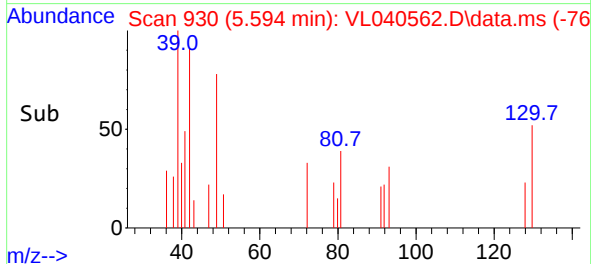


#41
Tetrahydrofuran
Concen: 0.018 ppbv
RT: 5.594 min Scan# 918
Delta R.T. 0.029 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

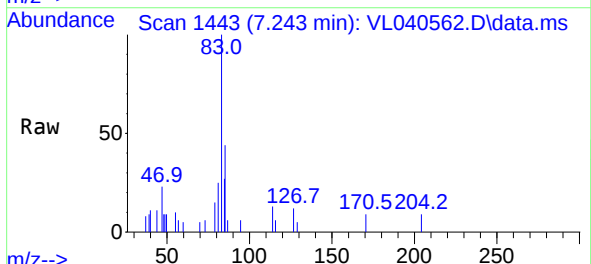
Instrument :
MSVOA_L
ClientSampleId :



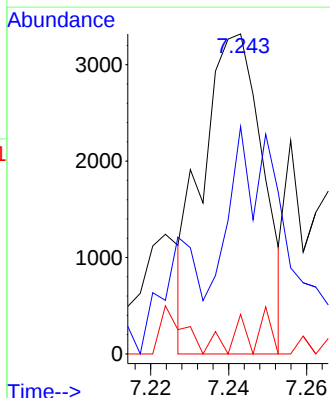
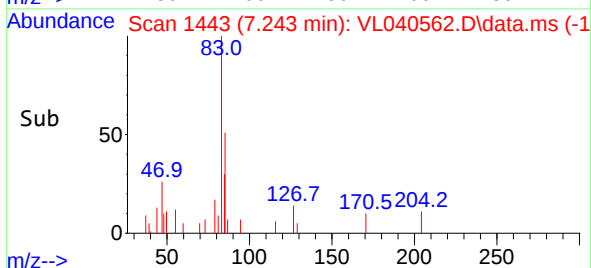
Tgt Ion: 42 Resp: 1124
Ion Ratio Lower Upper
42 100
72 56.1 33.8 50.8#
71 29.1 33.0 49.6#

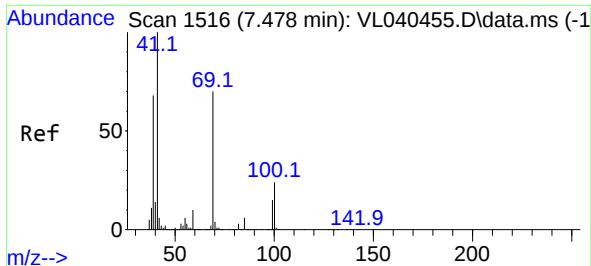


#42
Bromodichloromethane
Concen: 0.025 ppbv
RT: 7.243 min Scan# 1443
Delta R.T. -0.016 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28



Tgt Ion: 83 Resp: 3588
Ion Ratio Lower Upper
83 100
85 51.9 51.1 76.7
127 18.6 6.5 9.7#

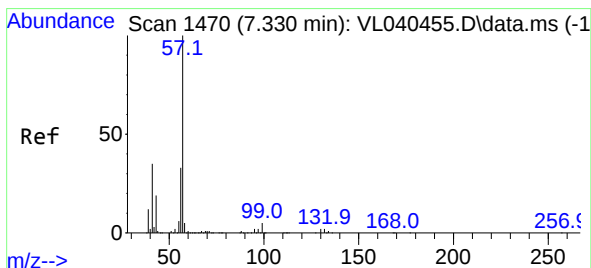
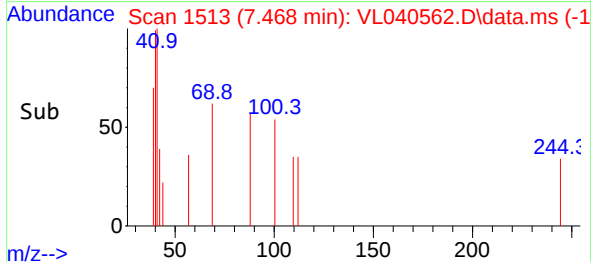
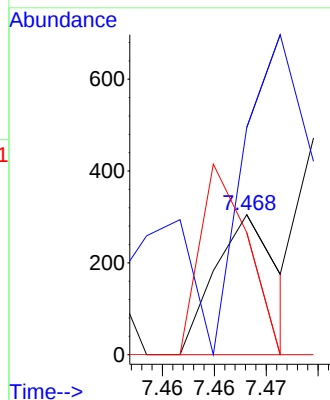
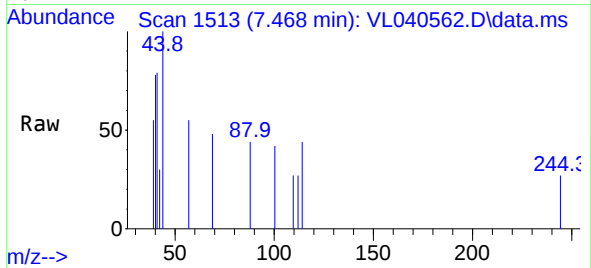




#43
Methyl Methacrylate
Concen: 0.002 ppbv
RT: 7.468 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

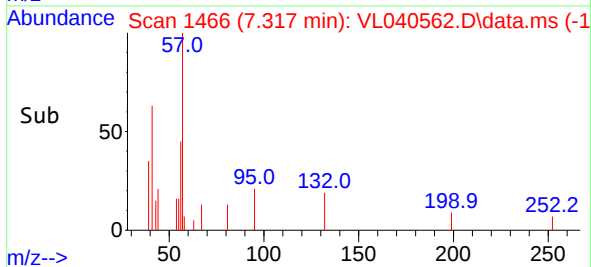
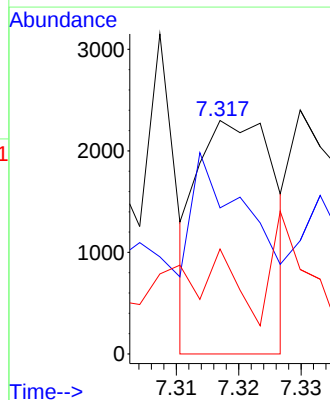
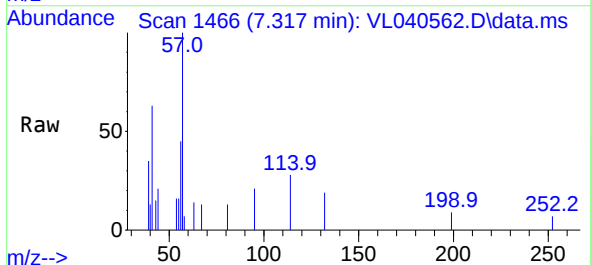
Instrument :
MSVOA_L
ClientSampleId :

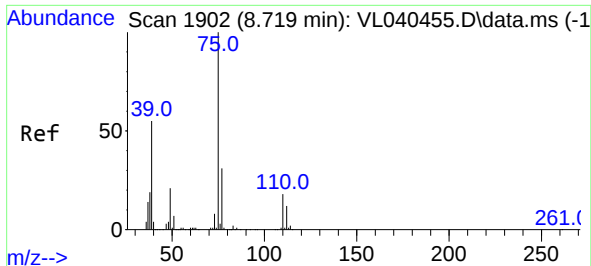
Tgt Ion: 69 Resp: 128
Ion Ratio Lower Upper
69 100
41 0.0 111.7 167.5#
100 235.2 26.9 40.3#



#44
2,2,4-Trimethylpentane
Concen: 0.007 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.019 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Tgt Ion: 57 Resp: 1970
Ion Ratio Lower Upper
57 100
41 177.2 25.5 38.3#
56 0.0 25.1 37.7#





#45

t-1,3-Dichloropropene

Concen: 0.002 ppbv

RT: 8.696 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040562.D

Acq: 27 Jul 2023 5:28

Instrument :

MSVOA_L

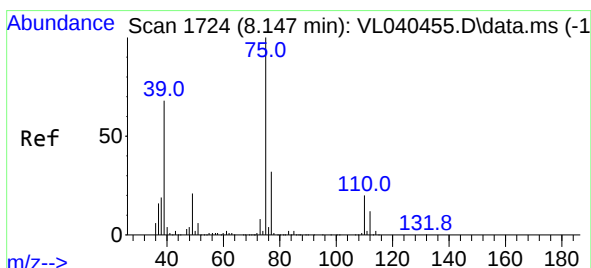
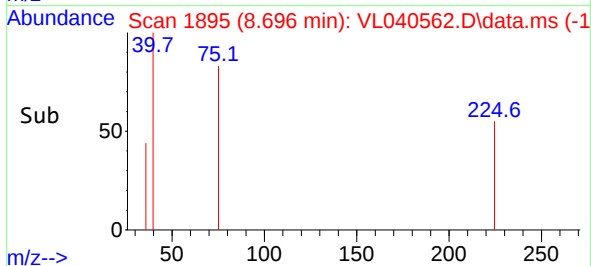
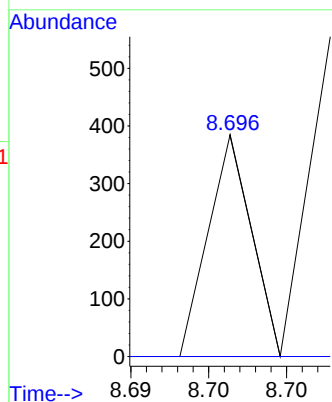
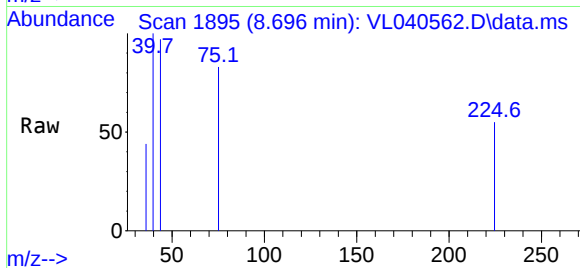
ClientSampleId :

Tgt Ion: 75 Resp: 74

Ion Ratio Lower Upper

75 100

77 0.0 26.0 39.0#



#46

cis-1,3-Dichloropropene

Concen: 0.005 ppbv

RT: 8.127 min Scan# 1718

Delta R.T. -0.026 min

Lab File: VL040562.D

Acq: 27 Jul 2023 5:28

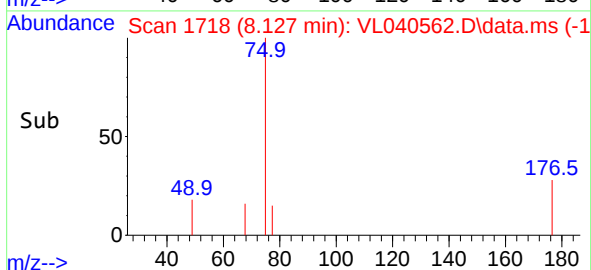
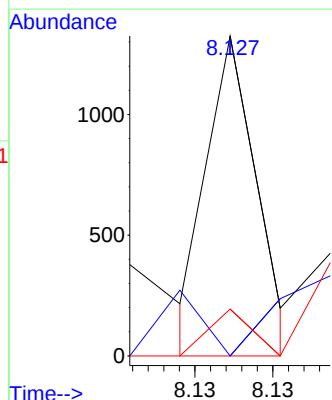
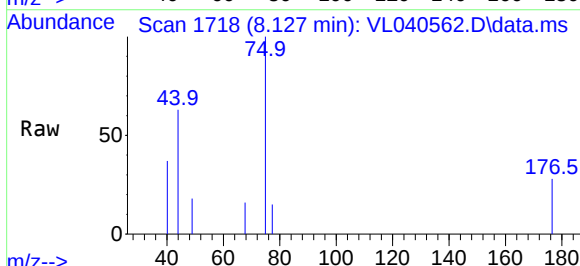
Tgt Ion: 75 Resp: 294

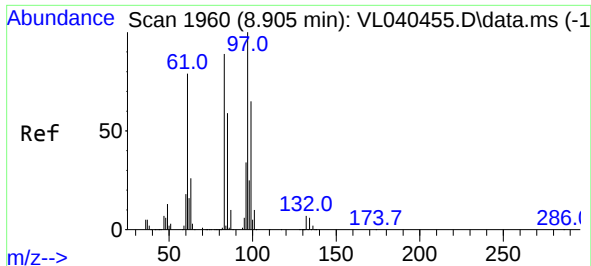
Ion Ratio Lower Upper

75 100

39 0.0 48.0 72.0#

77 17.2 24.0 36.0#





#47

1,1,2-Trichloroethane

Concen: 0.010 ppbv

RT: 8.893 min Scan# 1960

Delta R.T. -0.016 min

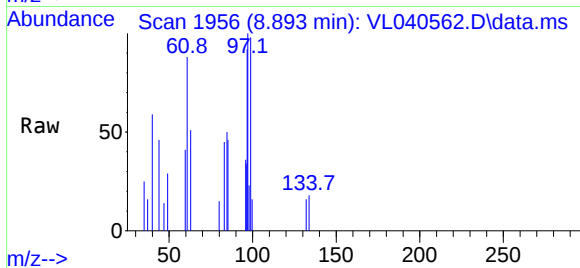
Lab File: VL040562.D

Acq: 27 Jul 2023 5:28

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 766

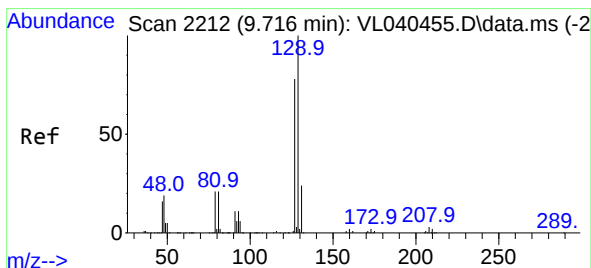
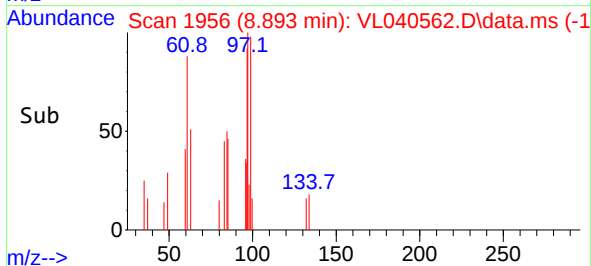
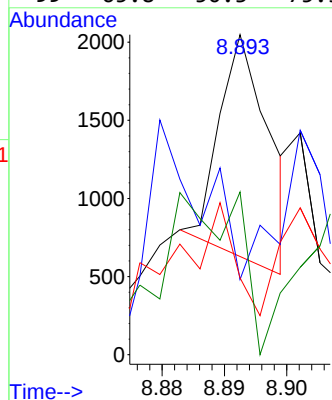
Ion Ratio Lower Upper

97 100

83 0.0 73.4 110.0#

85 0.0 46.6 70.0#

99 65.8 50.3 75.5



#48

Dibromochloromethane

Concen: 0.009 ppbv

RT: 9.696 min Scan# 2206

Delta R.T. -0.026 min

Lab File: VL040562.D

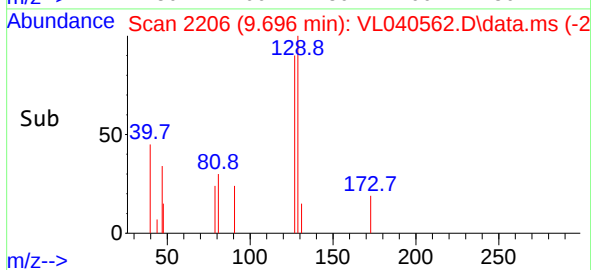
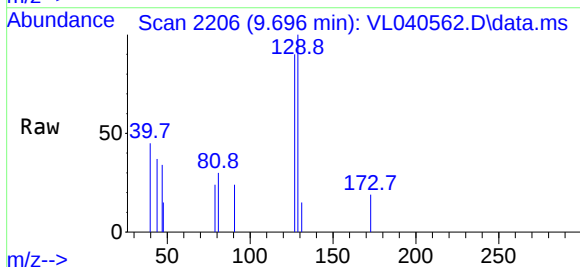
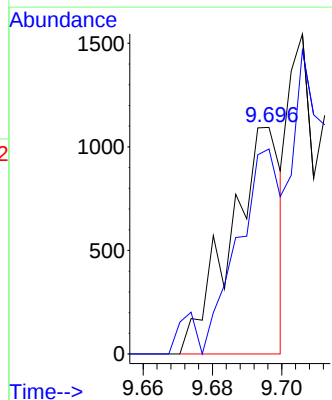
Acq: 27 Jul 2023 5:28

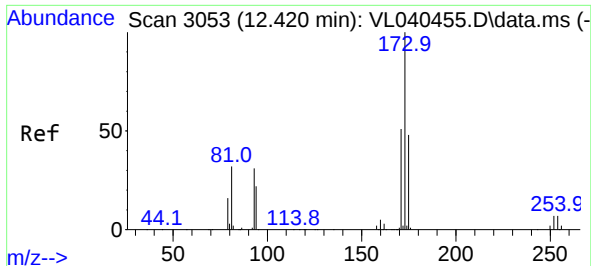
Tgt Ion: 129 Resp: 1102

Ion Ratio Lower Upper

129 100

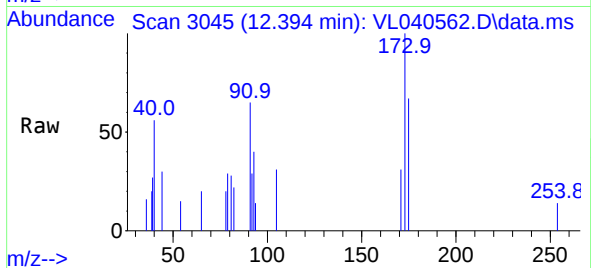
127 0.0 39.1 117.3#



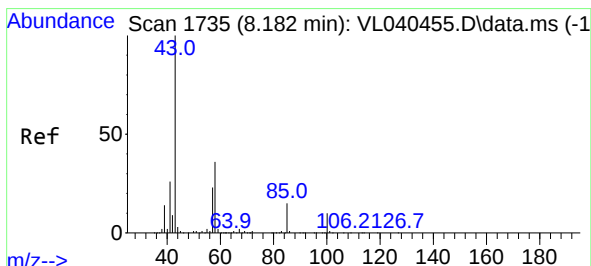
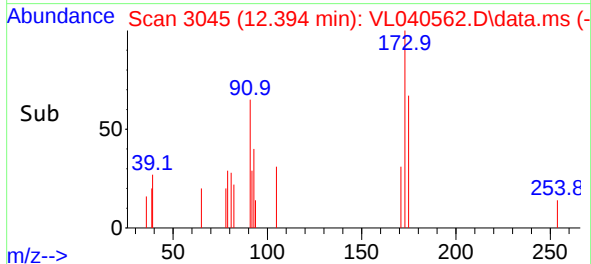
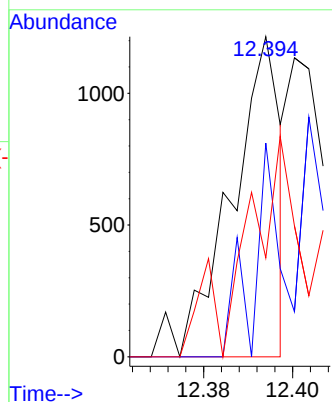


#49
Bromoform
Concen: 0.010 ppbv
RT: 12.394 min Scan# 3053
Delta R.T. -0.029 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Instrument :
MSVOA_L
ClientSampleId :

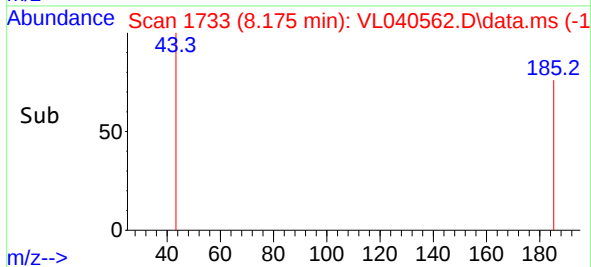
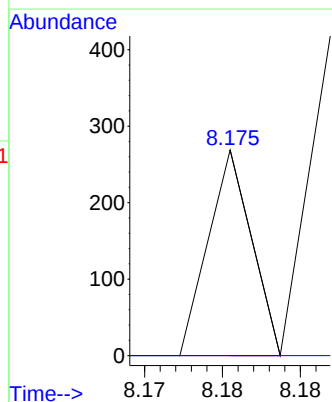
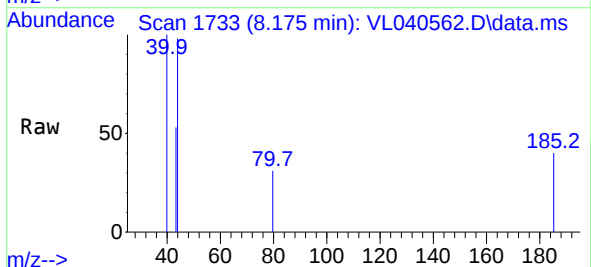


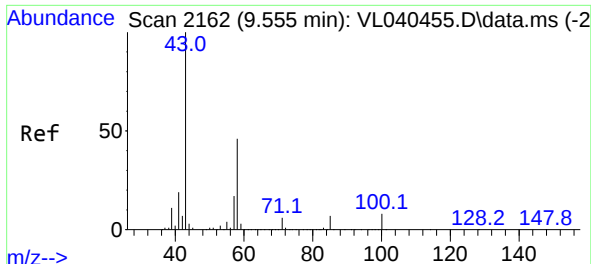
Tgt Ion:173 Resp: 914
Ion Ratio Lower Upper
173 100
175 0.0 39.5 59.3#
171 0.0 42.2 63.4#



#50
4-Methyl-2-Pentanone
Concen: 0.000 ppbv
RT: 8.175 min Scan# 1733
Delta R.T. -0.016 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Tgt Ion: 43 Resp: 52
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#

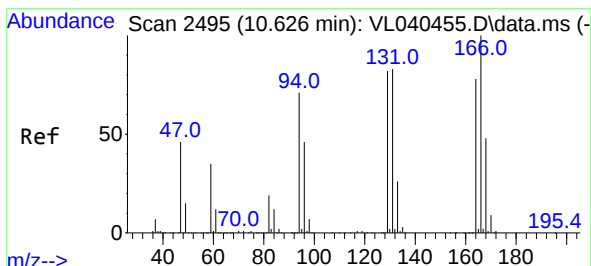
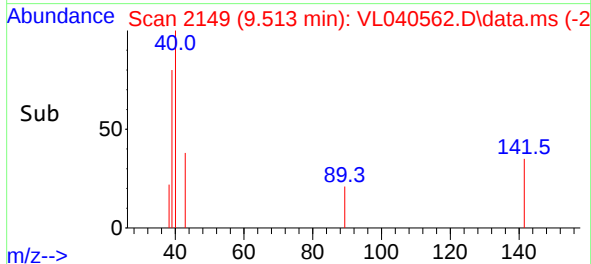
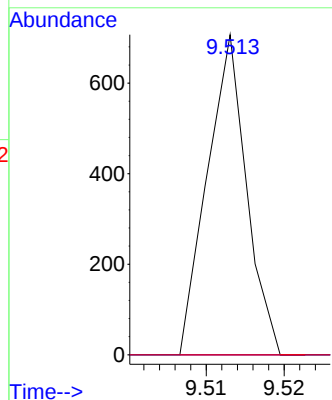
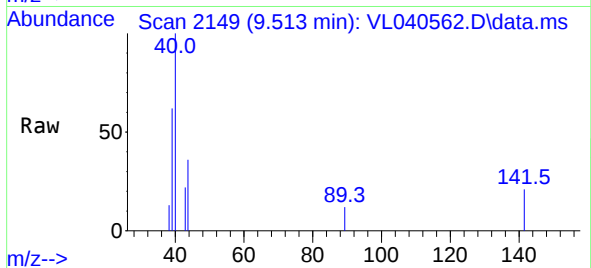




#51
2-Hexanone
Concen: 0.002 ppbv
RT: 9.513 min Scan# 2162
Delta R.T. -0.048 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

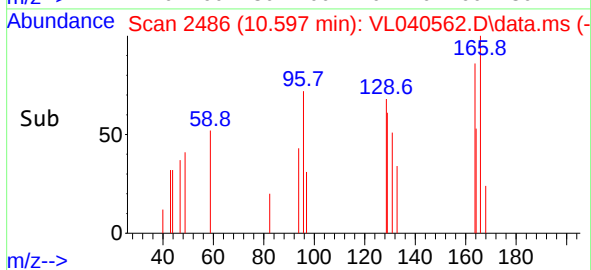
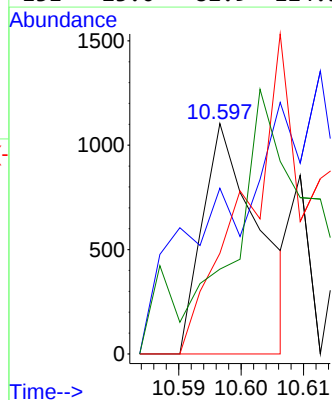
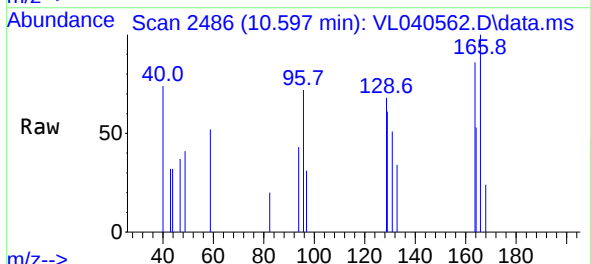
Instrument :
MSVOA_L
ClientSampleId :

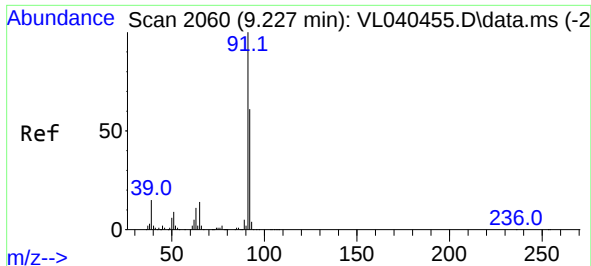
Tgt Ion: 43 Resp: 247
Ion Ratio Lower Upper
43 100
58 0.0 39.7 59.5#
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.012 ppbv
RT: 10.597 min Scan# 2486
Delta R.T. -0.029 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Tgt Ion:164 Resp: 683
Ion Ratio Lower Upper
164 100
166 17.1 103.9 155.9#
129 43.7 84.6 126.8#
131 23.0 82.9 124.3#

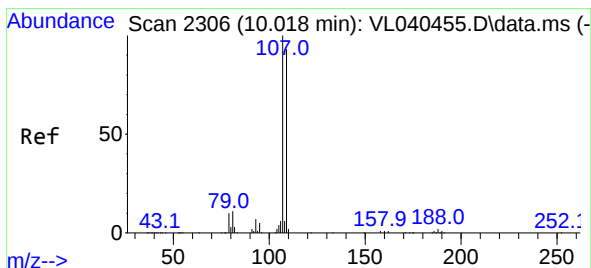
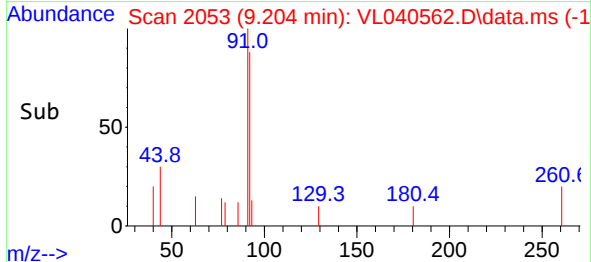
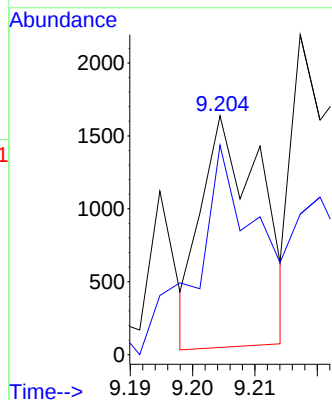
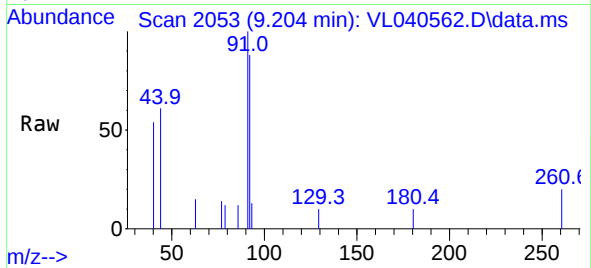




#53
Toluene
Concen: 0.005 ppbv
RT: 9.204 min Scan# 2060
Delta R.T. -0.026 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

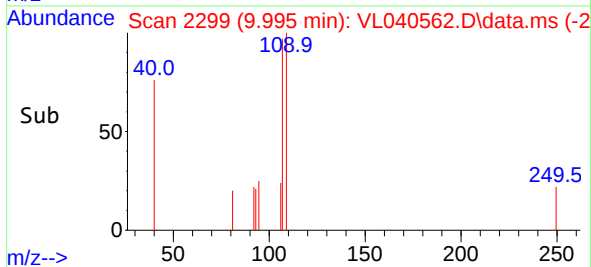
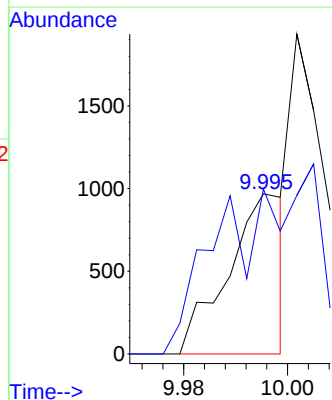
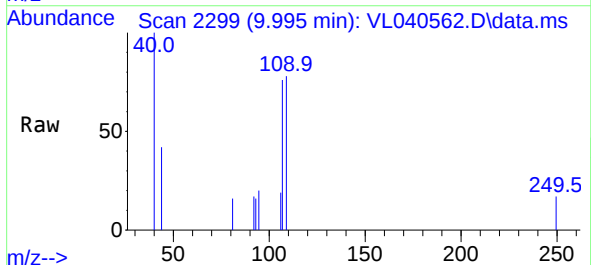
Instrument :
MSVOA_L
ClientSampleId :

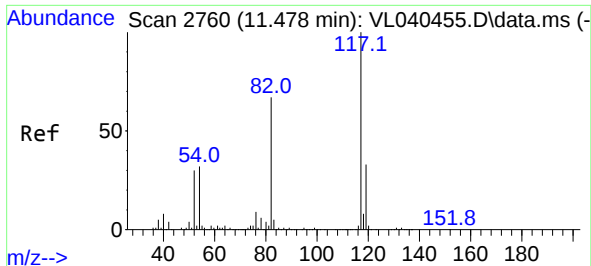
Tgt Ion: 91 Resp: 1055
Ion Ratio Lower Upper
91 100
92 188.0 49.1 73.7#



#54
1,2-Dibromoethane
Concen: 0.008 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. -0.026 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

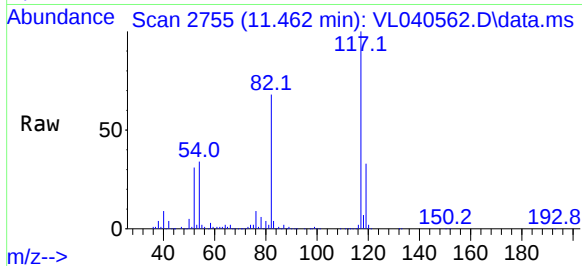
Tgt Ion: 107 Resp: 734
Ion Ratio Lower Upper
107 100
109 83.8 75.4 113.2



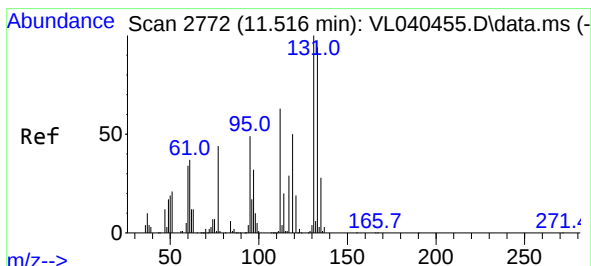
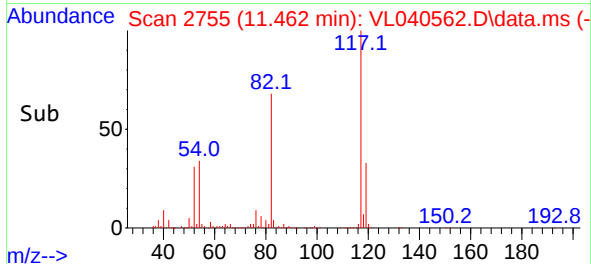
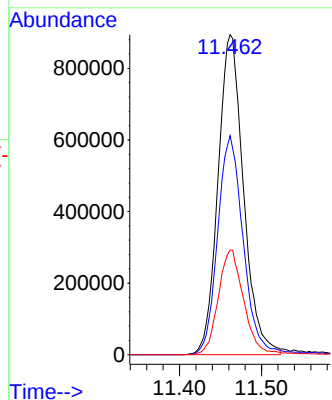


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Instrument :
MSVOA_L
ClientSampleId :

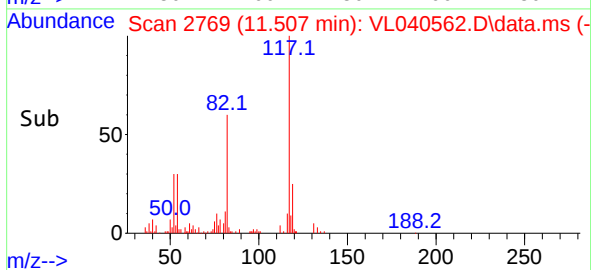
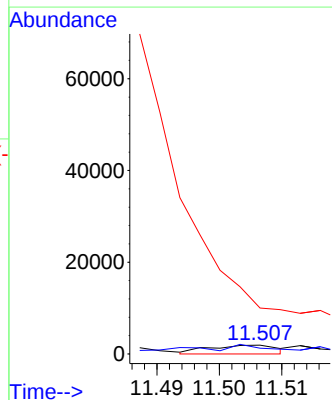
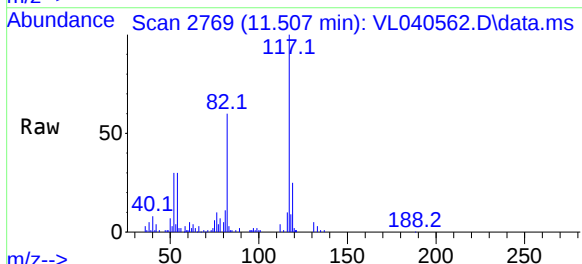


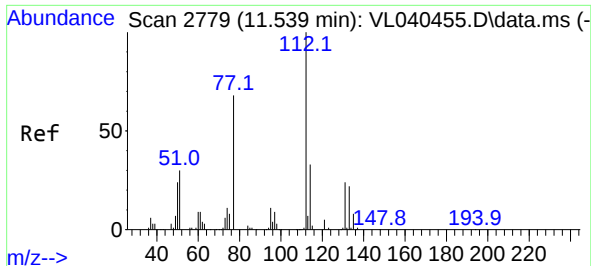
Tgt Ion:117 Resp: 1933335
Ion Ratio Lower Upper
117 100
82 69.6 50.2 75.4
119 33.1 26.9 40.3



#56
1,1,1,2-Tetrachloroethane
Concen: 0.017 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. -0.013 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Tgt Ion:131 Resp: 1463
Ion Ratio Lower Upper
131 100
133 220.4 76.3 114.5#
119 0.0 51.1 76.7#

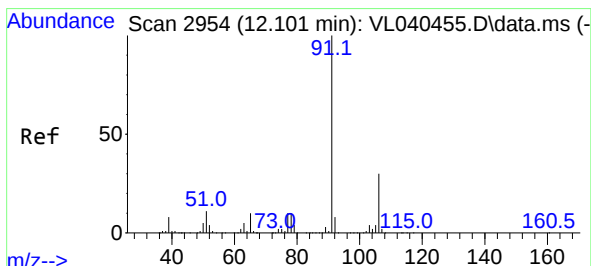
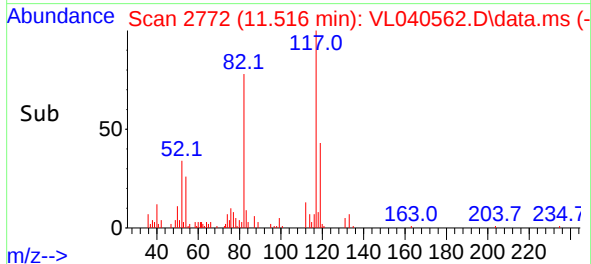
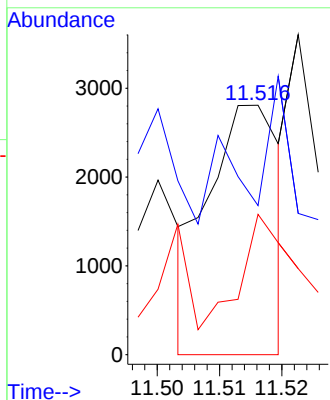
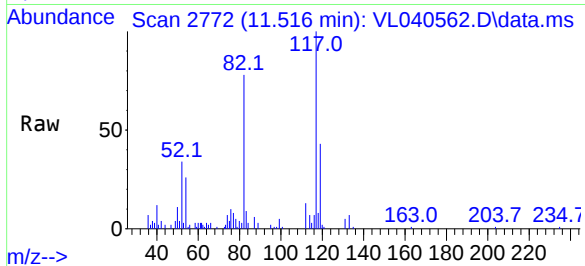




#57
Chlorobenzene
Concen: 0.015 ppbv
RT: 11.516 min Scan# 211
Delta R.T. -0.019 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

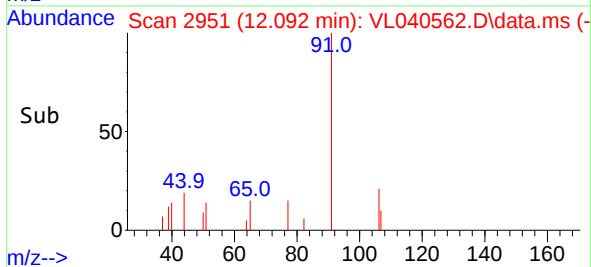
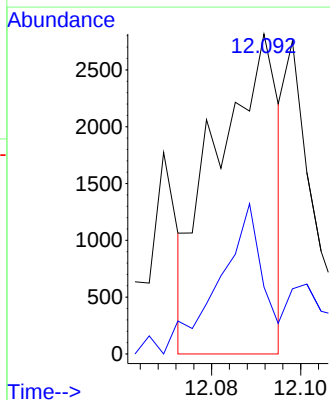
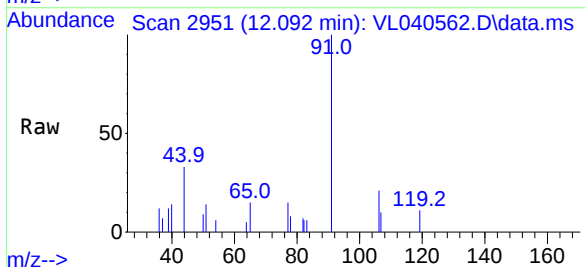
Instrument :
MSVOA_L
ClientSampleId :

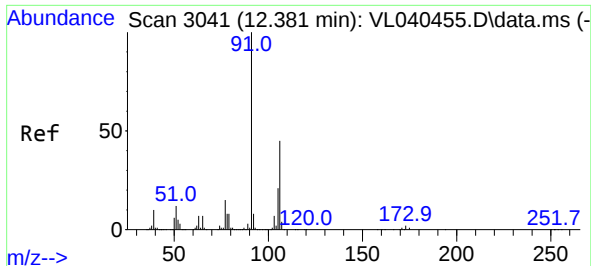
Tgt Ion:112 Resp: 2225
Ion Ratio Lower Upper
112 100
77 0.0 51.0 76.6#
114 64.4 28.3 34.5#



#58
Ethyl Benzene
Concen: 0.011 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.010 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Tgt Ion: 91 Resp: 2725
Ion Ratio Lower Upper
91 100
106 35.0 25.4 38.0





#59

m/p-Xylene

Concen: 0.006 ppbv

RT: 12.362 min Scan# 3041

Delta R.T. -0.023 min

Lab File: VL040562.D

Acq: 27 Jul 2023 5:28

Instrument :

MSVOA_L

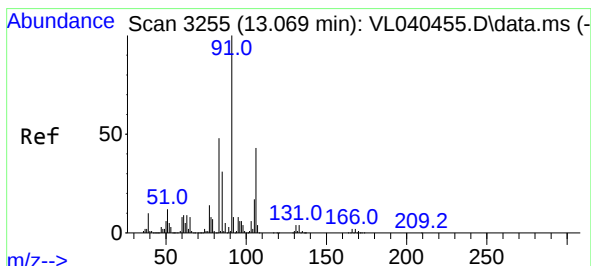
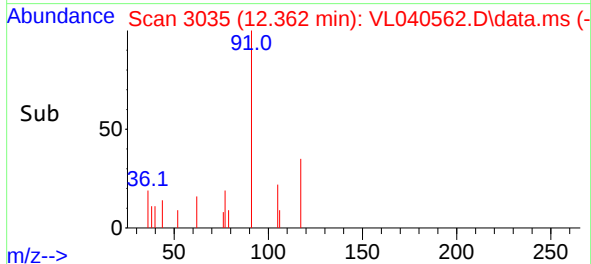
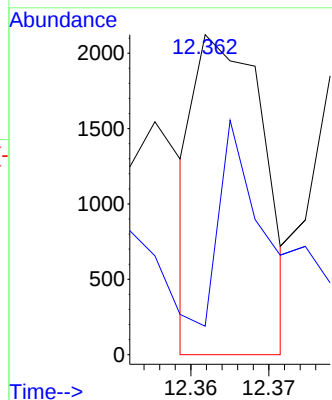
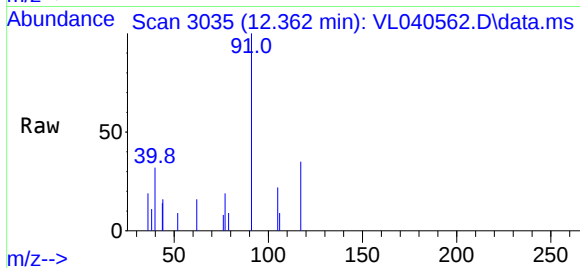
ClientSampleId :

Tgt Ion: 91 Resp: 1292

Ion Ratio Lower Upper

91 100

106 151.1 35.9 53.9#



#60

o-Xylene

Concen: 0.003 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. -0.019 min

Lab File: VL040562.D

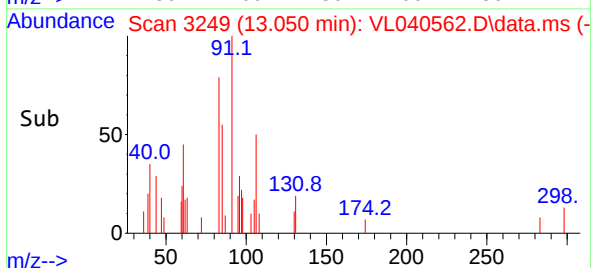
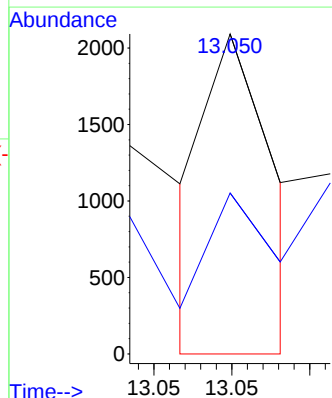
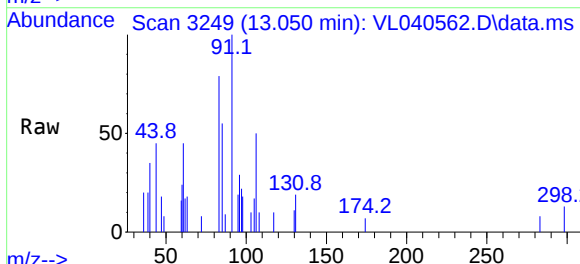
Acq: 27 Jul 2023 5:28

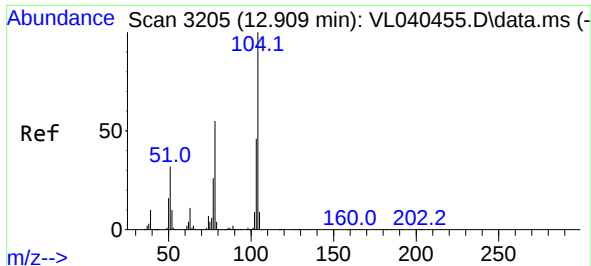
Tgt Ion: 91 Resp: 620

Ion Ratio Lower Upper

91 100

106 0.0 22.7 68.0#

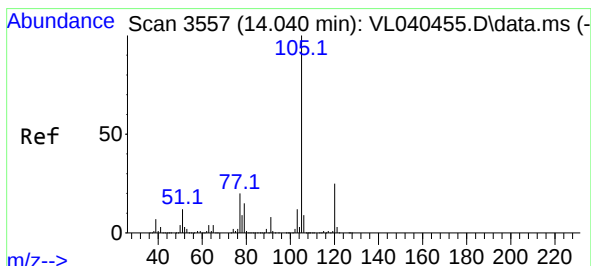
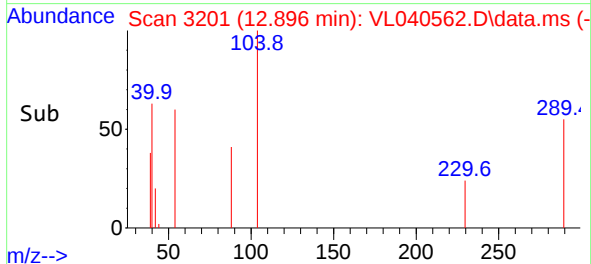
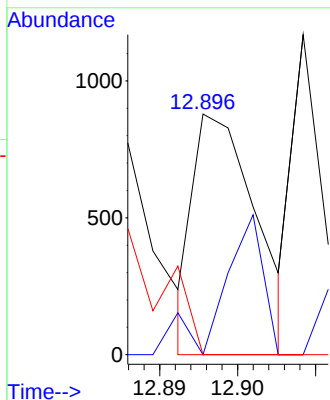
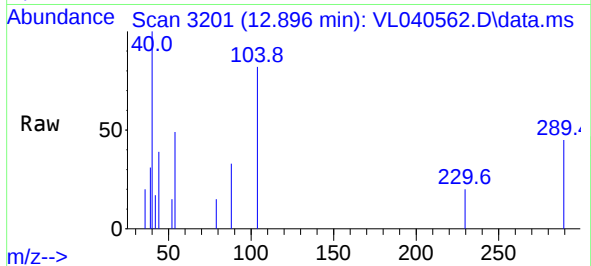




#61
Styrene
Concen: 0.005 ppbv
RT: 12.896 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

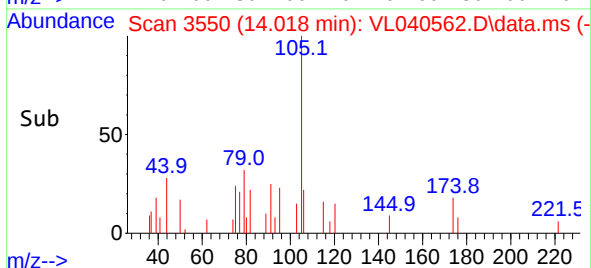
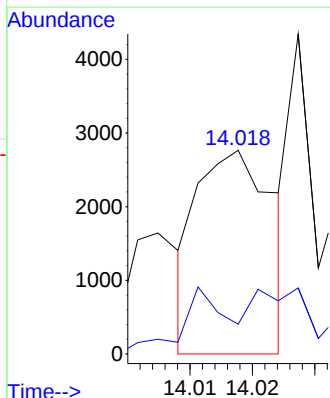
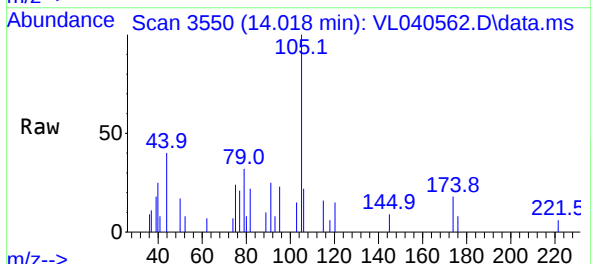
Instrument :
MSVOA_L
ClientSampleId :

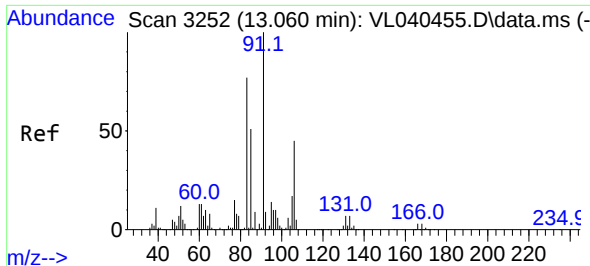
Tgt Ion:104 Resp: 491
Ion Ratio Lower Upper
104 100
78 0.0 40.1 60.1#
103 0.0 37.0 55.4#



#62
Isopropylbenzene
Concen: 0.008 ppbv
RT: 14.018 min Scan# 3550
Delta R.T. -0.023 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Tgt Ion:105 Resp: 2325
Ion Ratio Lower Upper
105 100
120 64.2 20.8 31.2#

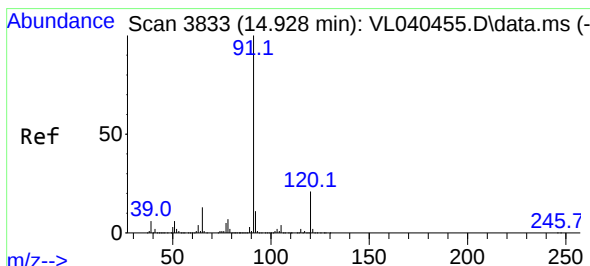
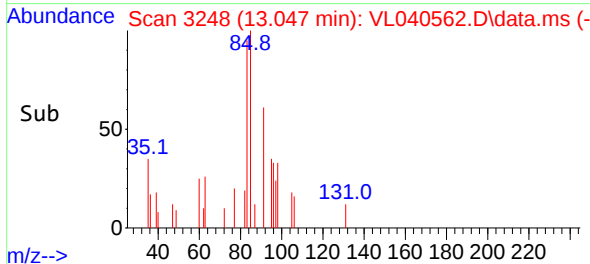
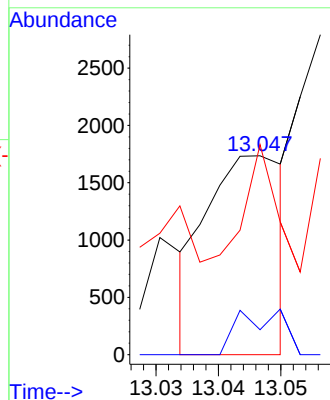
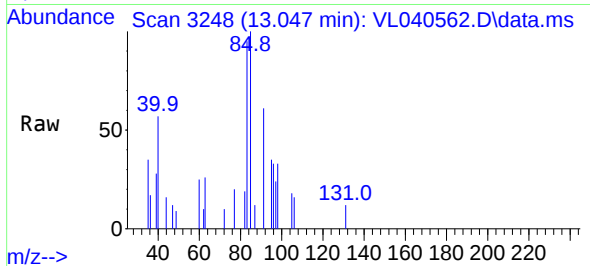




#63
1,1,2,2-Tetrachloroethane
Concen: 0.010 ppbv
RT: 13.047 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

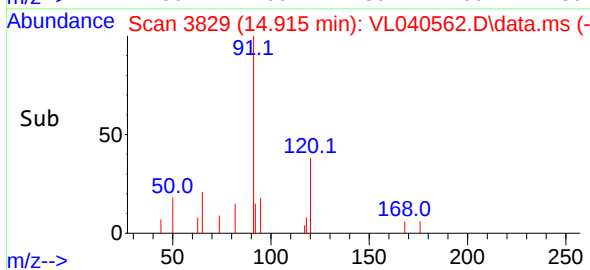
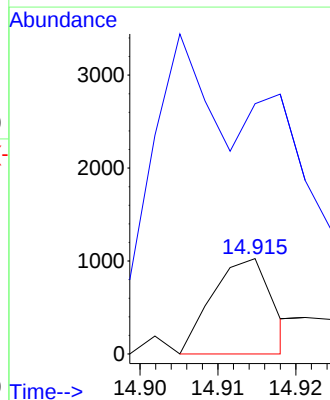
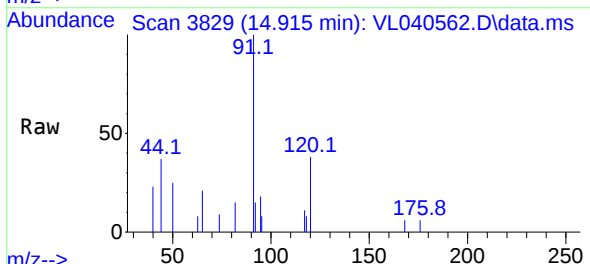
Instrument :
MSVOA_L
ClientSampleId :

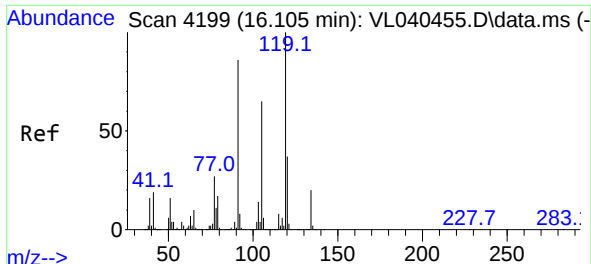
Tgt Ion: 83 Resp: 1492
Ion Ratio Lower Upper
83 100
131 12.9 4.6 13.8
85 241.7 32.8 98.3#



#64
n-propylbenzene
Concen: 0.007 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. -0.016 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Tgt Ion:120 Resp: 550
Ion Ratio Lower Upper
120 100
91 1273.3 374.3 561.5#

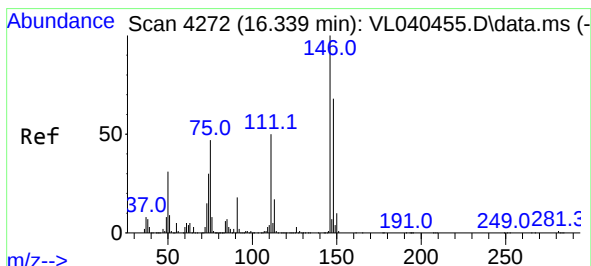
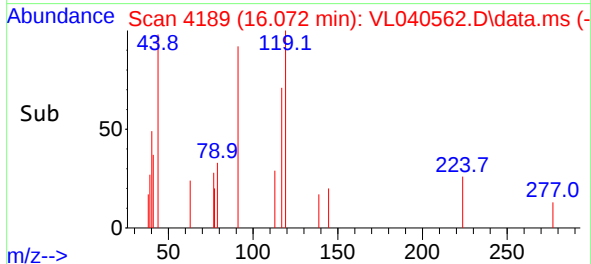
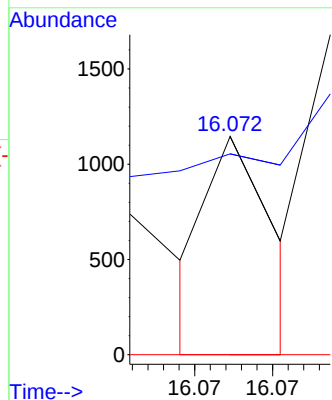
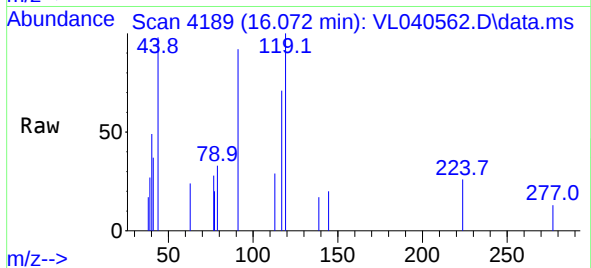




#65
tert-Butylbenzene
Concen: 0.001 ppbv
RT: 16.072 min Scan# 4199
Delta R.T. -0.029 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

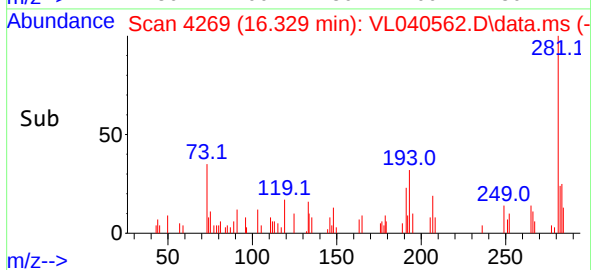
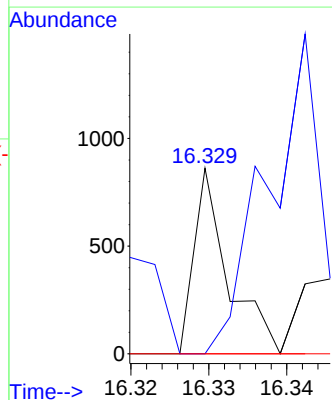
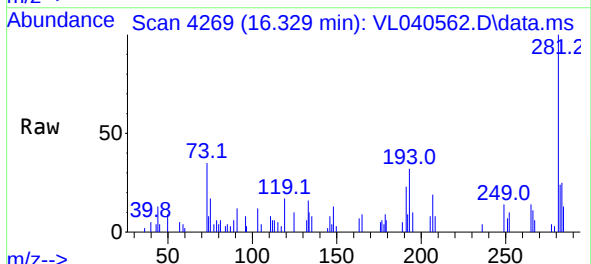
Instrument :
MSVOA_L
ClientSampleId :

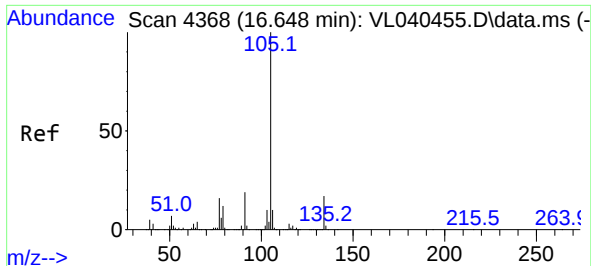
Tgt Ion:119 Resp: 336
Ion Ratio Lower Upper
119 100
91 0.0 66.1 99.1#
134 0.0 15.7 23.5#



#66
Benzyl Chloride
Concen: 0.013 ppbv
RT: 16.329 min Scan# 4269
Delta R.T. -0.007 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Tgt Ion: 91 Resp: 261
Ion Ratio Lower Upper
91 100
126 0.0 15.4 23.2#
128 0.0 4.5 6.7#

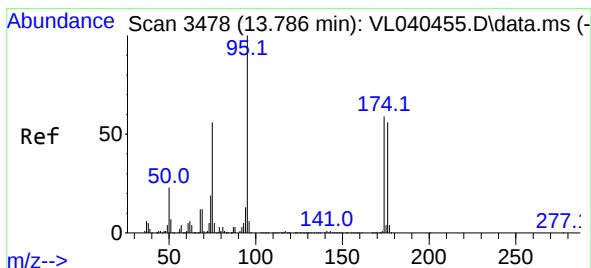
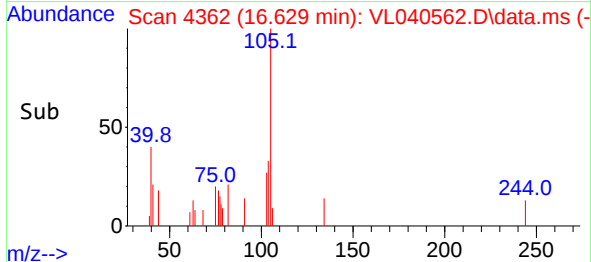
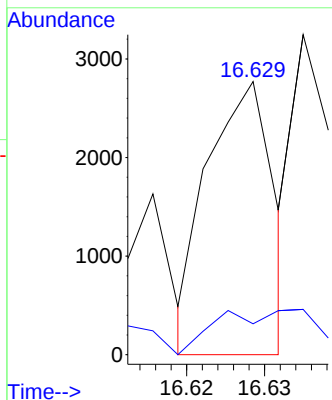
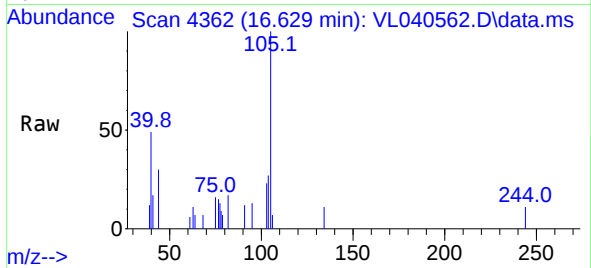




#67
 sec-Butylbenzene
 Concen: 0.004 ppbv
 RT: 16.629 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040562.D
 Acq: 27 Jul 2023 5:28

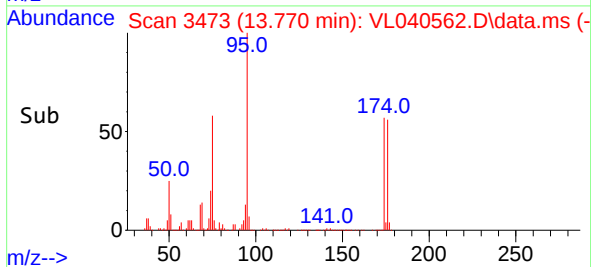
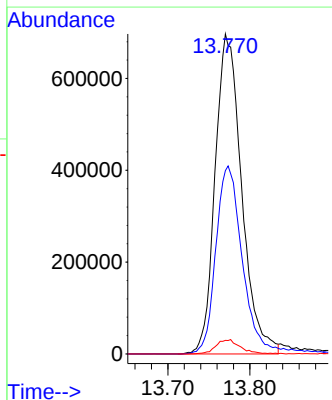
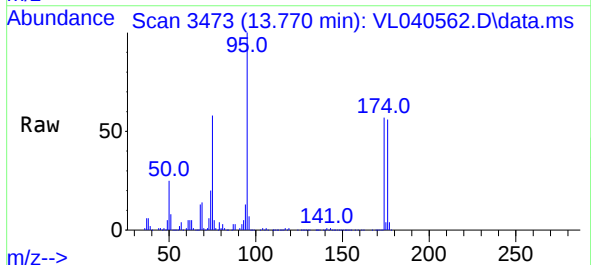
Instrument :
 MSVOA_L
 ClientSampleId :

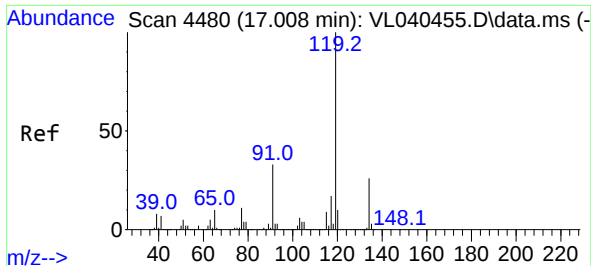
Tgt Ion:105 Resp: 1637
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.4 21.6#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.255 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.013 min
 Lab File: VL040562.D
 Acq: 27 Jul 2023 5:28

Tgt Ion: 95 Resp: 1569101
 Ion Ratio Lower Upper
 95 100
 174 60.4 50.6 75.8
 175 4.2 3.7 5.5





#69

p-Isopropyltoluene

Concen: 0.006 ppbv

RT: 16.985 min Scan# 44

Delta R.T. -0.019 min

Lab File: VL040562.D

Acq: 27 Jul 2023 5:28

Instrument :

MSVOA_L

ClientSampleId :

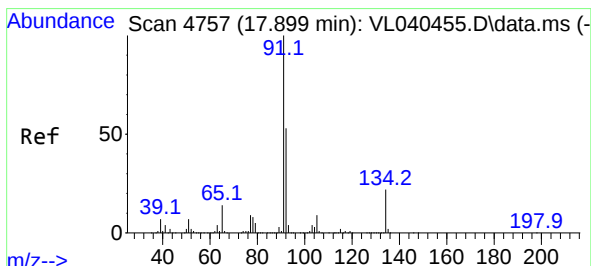
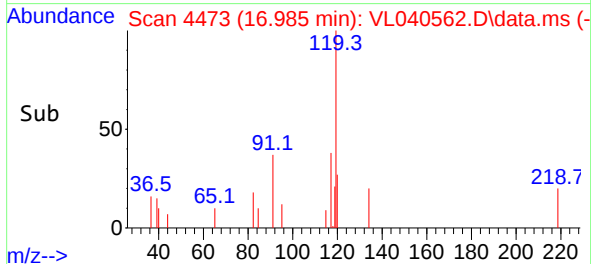
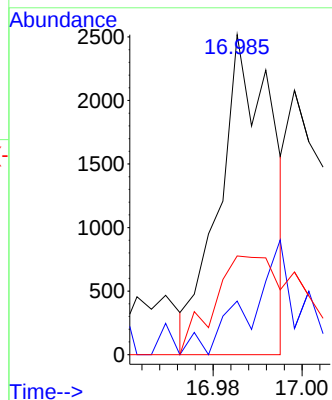
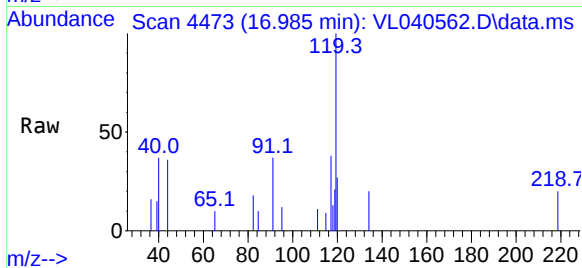
Tgt Ion:119 Resp: 2075

Ion Ratio Lower Upper

119 100

134 0.0 20.5 30.7#

91 68.5 23.8 35.8#



#70

n-Butylbenzene

Concen: 0.001 ppbv

RT: 17.873 min Scan# 4749

Delta R.T. -0.023 min

Lab File: VL040562.D

Acq: 27 Jul 2023 5:28

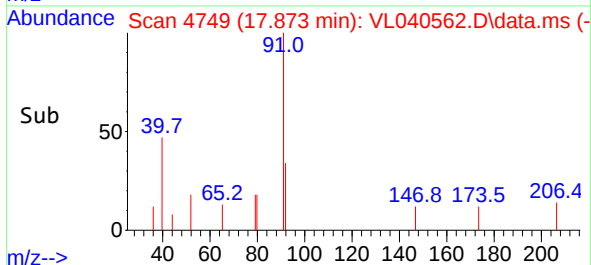
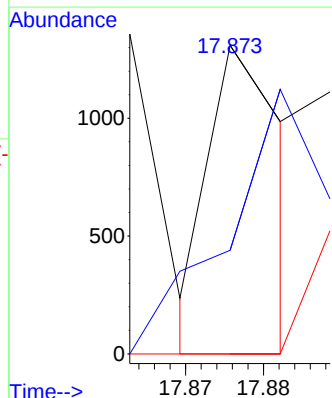
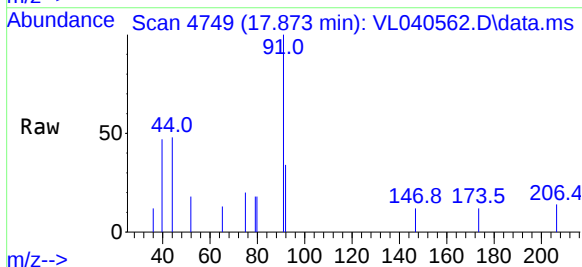
Tgt Ion: 91 Resp: 443

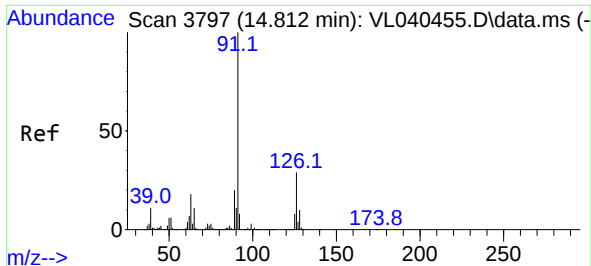
Ion Ratio Lower Upper

91 100

92 0.0 43.4 65.0#

134 0.0 18.1 27.1#

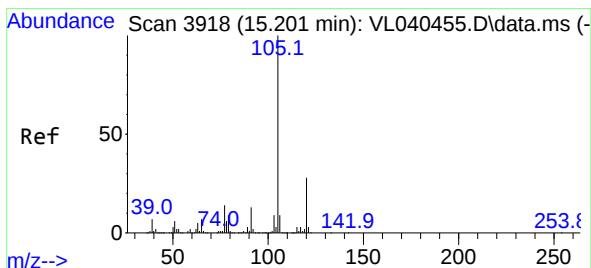
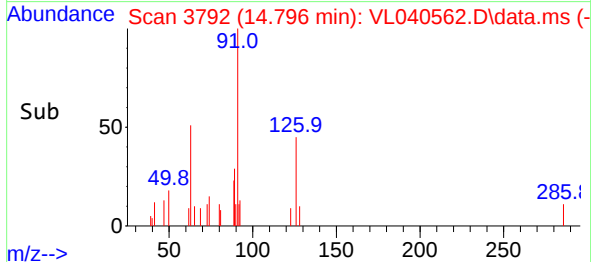
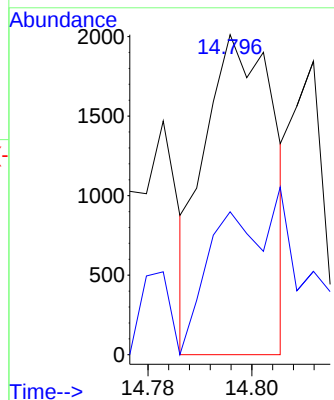
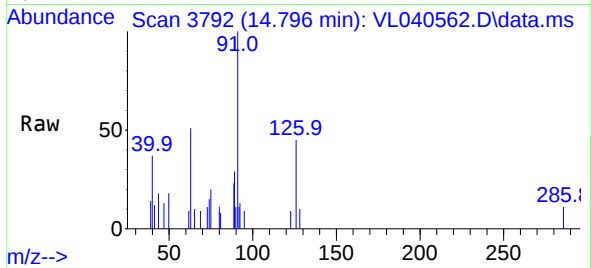




#71
2-Chlorotoluene
Concen: 0.008 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

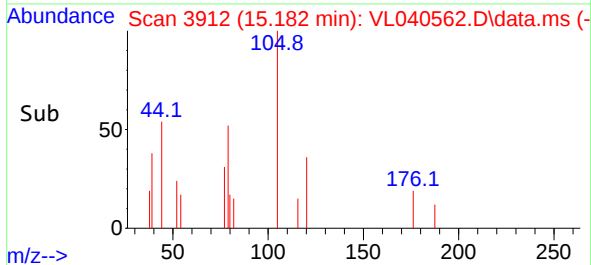
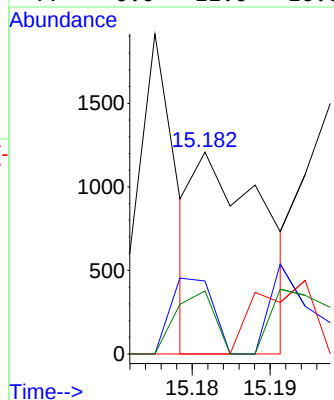
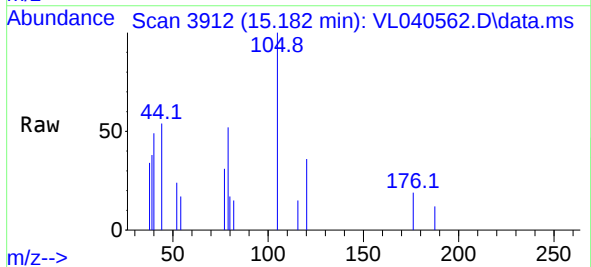
Instrument :
MSVOA_L
ClientSampleId :

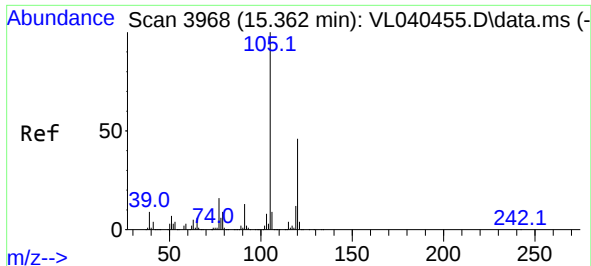
Tgt Ion: 91 Resp: 1856
Ion Ratio Lower Upper
91 100
126 0.0 12.4 49.8#



#72
4-Ethyltoluene
Concen: 0.003 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.023 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Tgt Ion:105 Resp: 740
Ion Ratio Lower Upper
105 100
120 0.0 24.6 37.0#
91 0.0 10.7 16.1#
77 0.0 11.0 16.6#

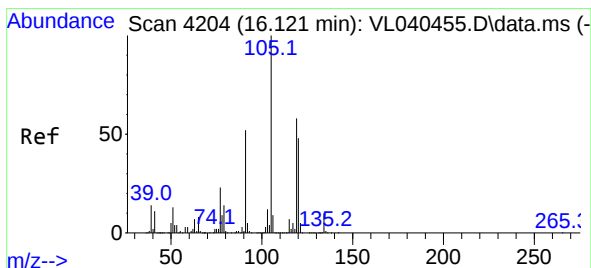
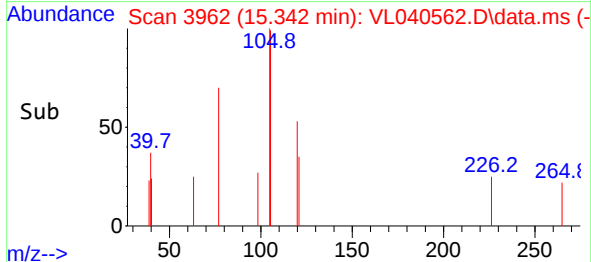
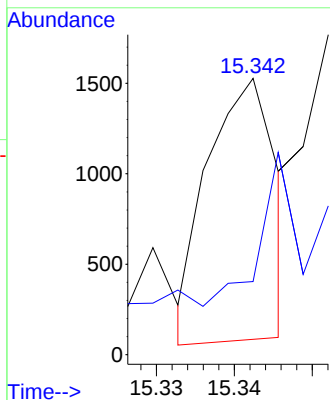
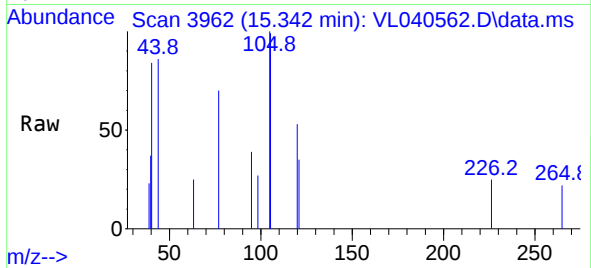




#73
1,3,5-Trimethylbenzene
Concen: 0.004 ppbv
RT: 15.342 min Scan# 3968
Delta R.T. -0.019 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

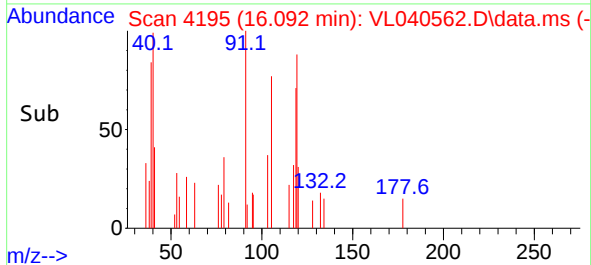
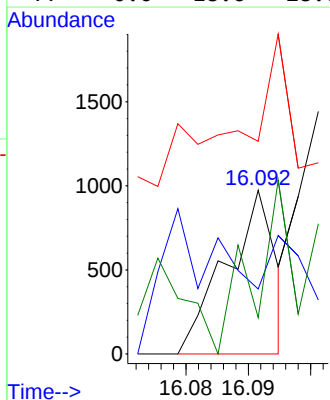
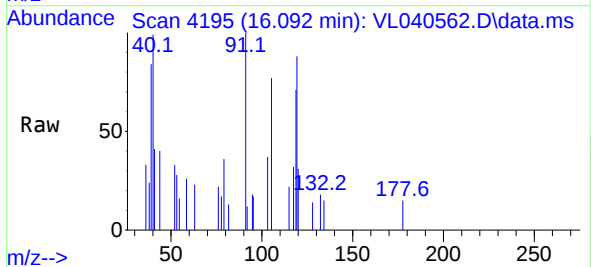
Instrument :
MSVOA_L
ClientSampleId :

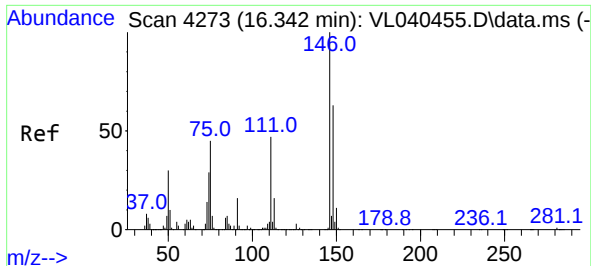
Tgt Ion:105 Resp: 887
Ion Ratio Lower Upper
105 100
120 25.4 38.2 57.2#



#74
1,2,4-Trimethylbenzene
Concen: 0.002 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. -0.026 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

Tgt Ion:105 Resp: 536
Ion Ratio Lower Upper
105 100
120 0.0 40.3 60.5#
91 0.0 46.8 70.2#
77 0.0 18.6 28.0#

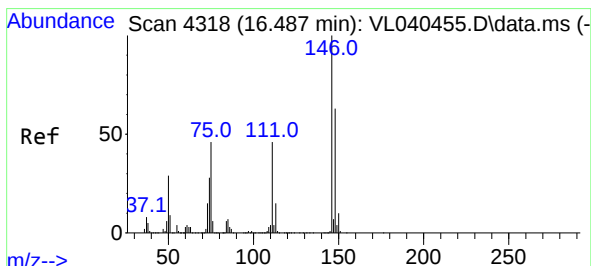
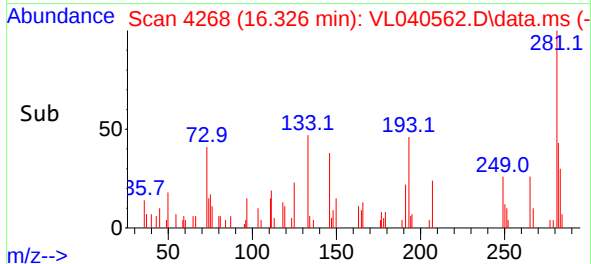
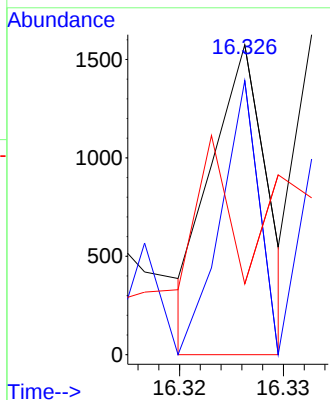
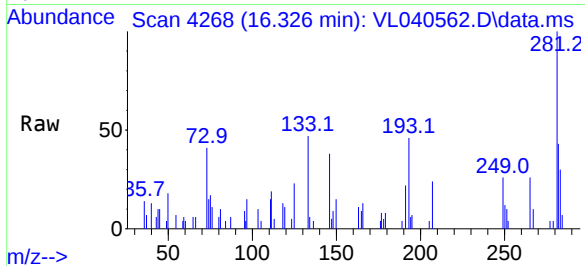




#75
1,3-Dichlorobenzene
Concen: 0.004 ppbv
RT: 16.326 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

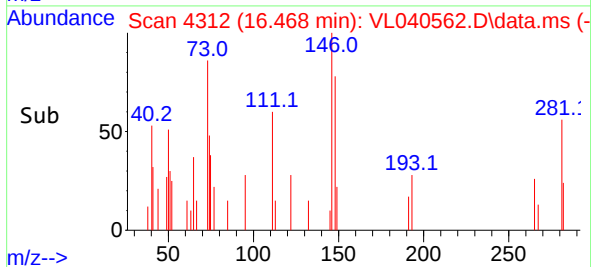
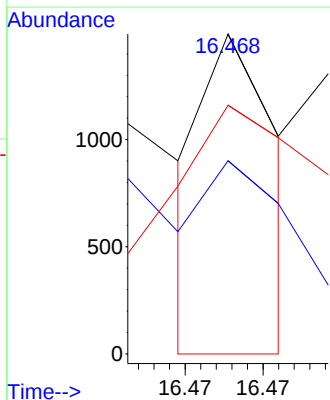
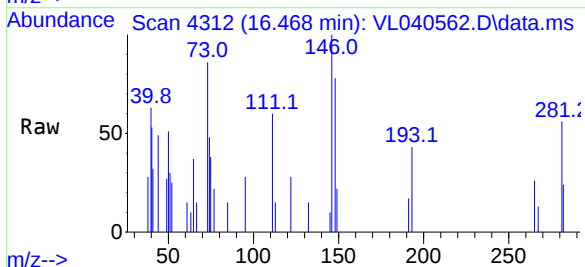
Instrument :
MSVOA_L
ClientSampleId :

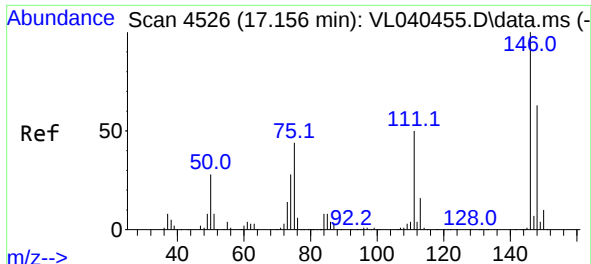
Tgt Ion:146 Resp: 595
Ion Ratio Lower Upper
146 100
111 0.0 23.6 71.0#
148 231.3 32.2 96.6#



#76
1,4-Dichlorobenzene
Concen: 0.003 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. -0.019 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

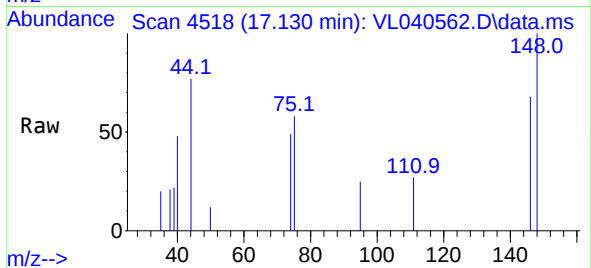
Tgt Ion:146 Resp: 484
Ion Ratio Lower Upper
146 100
111 363.6 22.8 68.3#
148 633.9 32.6 97.8#



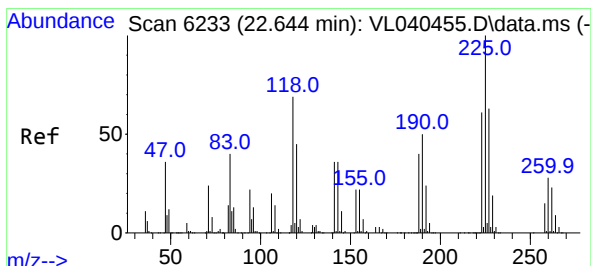
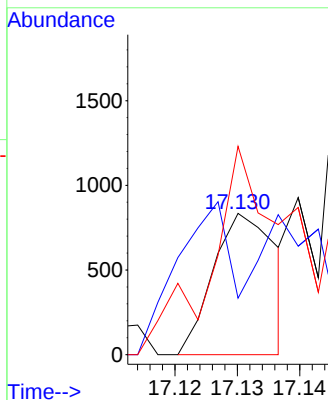
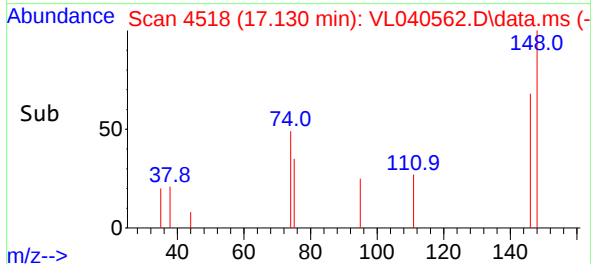


#77
1,2-Dichlorobenzene
Concen: 0.004 ppbv
RT: 17.130 min Scan# 41
Delta R.T. -0.023 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

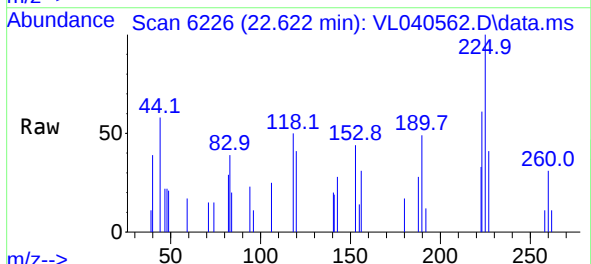
Instrument :
MSVOA_L
ClientSampleId :



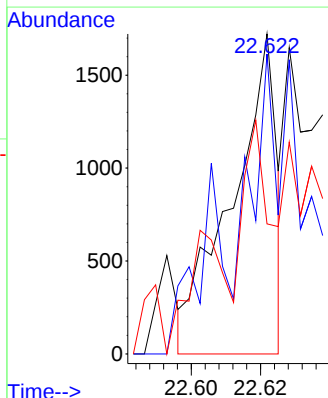
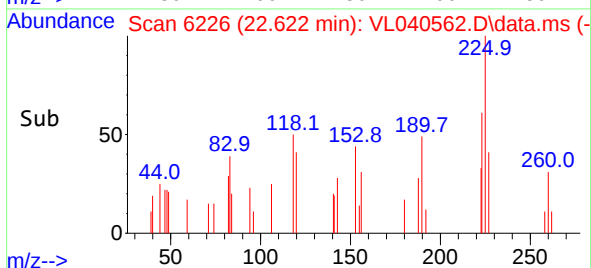
Tgt Ion:146 Resp: 583
Ion Ratio Lower Upper
146 100
111 324.5 24.3 72.8#
148 391.3 32.1 96.3#

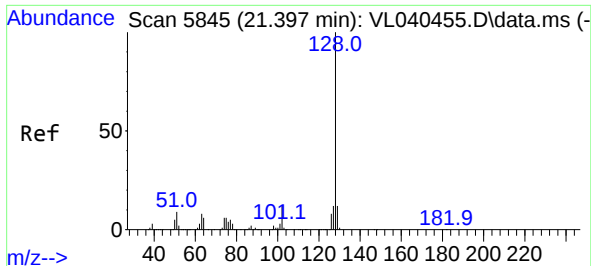


#78
Hexachloro-1,3-Butadiene
Concen: 0.011 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. -0.026 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28



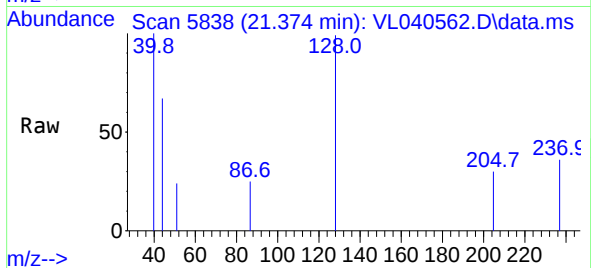
Tgt Ion:225 Resp: 1535
Ion Ratio Lower Upper
225 100
223 205.2 50.3 75.5#
227 209.8 51.0 76.6#



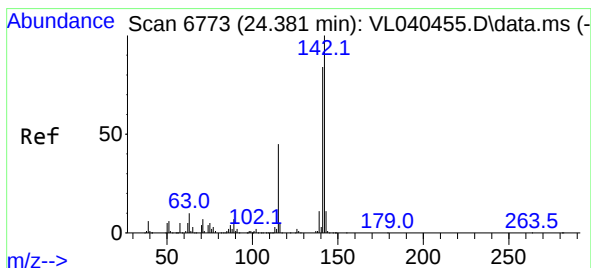
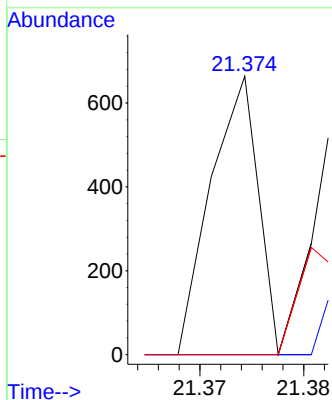
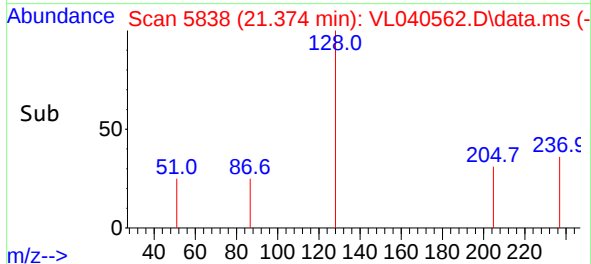


#79
Naphthalene
Concen: 0.001 ppbv
RT: 21.374 min Scan# 51
Delta R.T. -0.019 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28

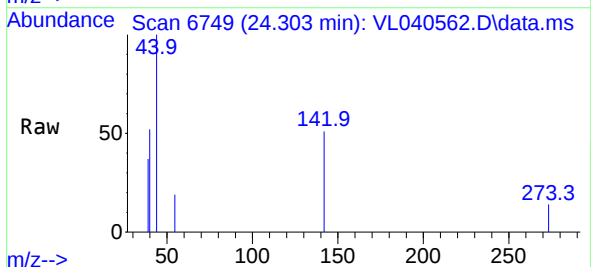
Instrument :
MSVOA_L
ClientSampleId :



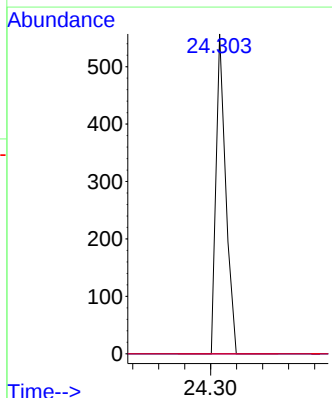
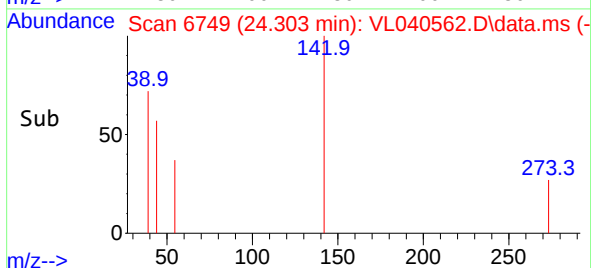
Tgt Ion:128 Resp: 210
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.2 13.8#

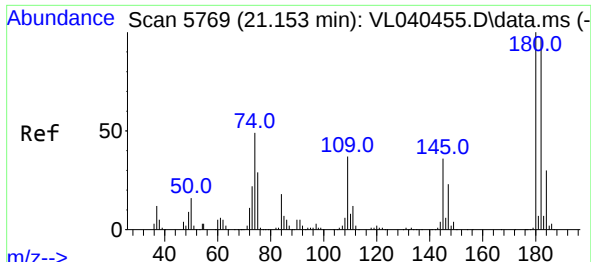


#80
Naphthalene,2-methyl-
Concen: 0.002 ppbv
RT: 24.303 min Scan# 6749
Delta R.T. -0.074 min
Lab File: VL040562.D
Acq: 27 Jul 2023 5:28



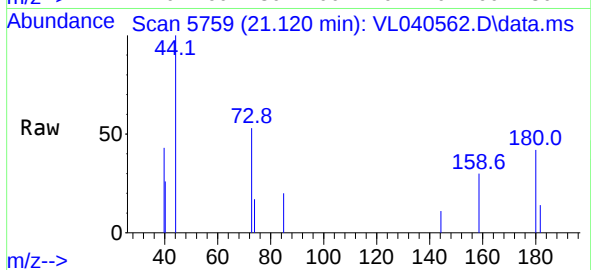
Tgt Ion:142 Resp: 145
Ion Ratio Lower Upper
142 100
141 0.0 66.7 100.1#
115 30.3 33.0 49.6#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.001 ppbv
 RT: 21.120 min Scan# 51
 Delta R.T. -0.029 min
 Lab File: VL040562.D
 Acq: 27 Jul 2023 5:28

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 145
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.5 116.3#
 184 0.0 24.5 36.7#

