

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
 Data File : VL041779.D
 Acq On : 17 Dec 2024 15:15
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 21 03:04:41 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Thu Dec 19 07:32:09 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	55250	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	140230	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	120390	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.383	95	96719	9.641	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	592	0.060	ppbv #	88
3) Chlorodifluoromethane	1.476	51	412	0.046	ppbv #	75
4) Chloromethane	1.534	50	262	0.068	ppbv #	76
5) Vinyl Chloride	1.580	62	194	0.050	ppbv	90
6) Bromomethane	1.667	94	110	0.060	ppbv #	44
7) Chloroethane	1.706	64	161	0.107	ppbv #	74
8) Dichlorotetrafluoroethane	1.557	85	471	0.054	ppbv #	79
9) Propene	1.505	41	220	0.056	ppbv	84
10) Heptane	5.001	43	95	0.009	ppbv #	29
11) Trichlorofluoromethane	2.143	101	303	0.029	ppbv	89
12) 1,1,2-Trichlorotrifluo...	2.143	101	303	0.038	ppbv #	74
13) Ethanol	1.725	45	293	0.906	ppbv #	34
14) Bromoethene	1.780	108	130	0.048	ppbv #	69
15) Acetone	1.839	43	1996	0.186	ppbv	93
16) 1,3-Butadiene	1.606	39	380	0.090	ppbv #	70
17) tert-Butyl alcohol	2.046	59	388	0.036	ppbv #	64
18) 1,1-Dichloroethene	2.043	96	39	0.012	ppbv #	4
19) Isopropyl Alcohol	1.887	45	1646	0.255	ppbv #	75
20) Methylene Chloride	2.062	84	795	0.259	ppbv #	80
21) Allyl Chloride	2.101	41	100	0.017	ppbv #	16
22) trans-1,2-Dichloroethene	2.347	96	55	0.014	ppbv #	89
23) Vinyl Acetate	2.467	43	139	0.028	ppbv #	1
24) 1,1-Dichloroethane	2.408	63	210	0.027	ppbv #	88
25) Ethyl Acetate	2.842	43	422	0.021	ppbv #	75
26) Hexane	2.839	57	57	0.008	ppbv #	1
27) Carbon Disulfide	2.149	76	171	0.025	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	161	0.026	ppbv #	54
29) Chloroform	2.855	83	680	0.059	ppbv	95
30) Cyclohexane	3.865	84	65	0.010	ppbv #	1
31) cis-1,2-Dichloroethene	2.722	61	134	0.017	ppbv #	44
32) 1,1,1-Trichloroethane	3.370	97	318	0.027	ppbv #	55
34) 2-Butanone	2.567	43	713	0.063	ppbv	93
35) Carbon Tetrachloride	3.768	117	187	0.019	ppbv #	47
36) Benzene	3.661	78	373	0.026	ppbv #	73
37) 1,2-Dichloroethane	3.221	62	183	0.020	ppbv #	82
38) Trichloroethene	4.554	130	23	0.004	ppbv #	9
39) 1,2-Dichloropropane	3.965	63	38909	7.417	ppbv #	18
40) 1,4-Dioxane	4.680	88	26	0.010	ppbv #	1
41) Tetrahydrofuran	3.062	42	24	0.004	ppbv #	39
42) Bromodichloromethane	4.496	83	245	0.024	ppbv #	72
43) Methyl Methacrylate	4.894	69	83	0.015	ppbv #	76
44) 2,2,4-Trimethylpentane	4.654	57	256	0.010	ppbv #	19
45) t-1,3-Dichloropropene	6.428	75	26	0.005	ppbv #	42

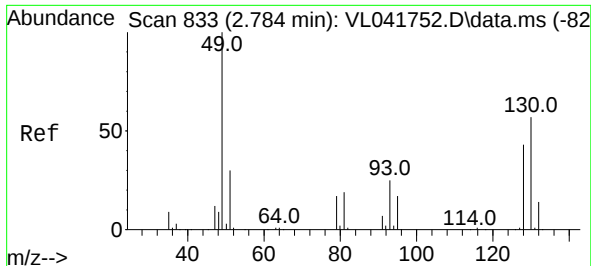
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
 Data File : VL041779.D
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Quant Time: Dec 21 03:04:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

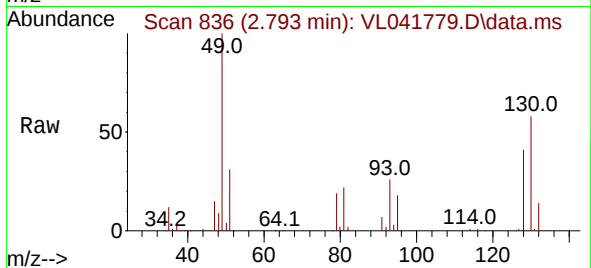
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.609	75	24	0.003	ppbv	#	1
47) 1,1,2-Trichloroethane	6.587	97	161	0.029	ppbv	#	12
48) Dibromochloromethane	7.396	129	46	0.006	ppbv	#	1
49) Bromoform	9.500	173	43	0.007	ppbv	#	28
50) 4-Methyl-2-Pentanone	5.791	43	84	0.005	ppbv	#	52
51) 2-Hexanone	7.457	43	141	0.011	ppbv	#	31
52) Tetrachloroethene	8.244	164	25	0.005	ppbv	#	44
53) Toluene	6.949	91	113	0.007	ppbv	#	21
54) 1,2-Dibromoethane	7.668	107	170	0.023	ppbv		95
56) 1,1,1,2-Tetrachloroethane	8.937	131	192	0.030	ppbv	#	50
57) Chlorobenzene	8.933	112	220	0.018	ppbv	#	38
58) Ethyl Benzene	9.370	91	235	0.011	ppbv	#	73
59) m/p-Xylene	9.558	91	397	0.023	ppbv	#	100
60) o-Xylene	9.976	91	258	0.015	ppbv	#	33
61) Styrene	9.878	104	40	0.005	ppbv	#	1
62) Isopropylbenzene	10.383	105	171	0.007	ppbv		95
63) 1,1,2,2-Tetrachloroethane	9.976	83	465	0.043	ppbv	#	90
64) n-propylbenzene	10.992	120	182	0.027	ppbv		85
65) tert-Butylbenzene	11.532	119	211	0.009	ppbv	#	17
66) Benzyl Chloride	11.536	91	531	0.254	ppbv	#	66
67) sec-Butylbenzene	11.775	105	550	0.017	ppbv	#	86
69) p-Isopropyltoluene	11.937	119	120	0.004	ppbv	#	25
70) n-Butylbenzene	12.290	91	460	0.018	ppbv		97
71) 2-Chlorotoluene	10.908	91	330	0.016	ppbv	#	57
72) 4-Ethyltoluene	11.131	105	367	0.018	ppbv	#	73
73) 1,3,5-Trimethylbenzene	11.218	105	85	0.005	ppbv	#	30
74) 1,2,4-Trimethylbenzene	11.552	105	166	0.009	ppbv	#	53
75) 1,3-Dichlorobenzene	11.617	146	314	0.027	ppbv		93
76) 1,4-Dichlorobenzene	11.684	146	134	0.012	ppbv	#	24
77) 1,2-Dichlorobenzene	11.617	146	314	0.028	ppbv		95
78) Hexachloro-1,3-Butadiene	13.889	225	314	0.038	ppbv	#	85
79) Naphthalene	13.516	128	323	0.025	ppbv	#	69
80) Naphthalene,2-methyl-	14.471	142	70	0.018	ppbv	#	52
81) 1,2,4-Trichlorobenzene	13.445	180	235	0.034	ppbv	#	77

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

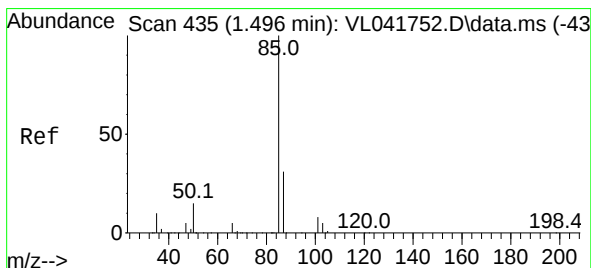
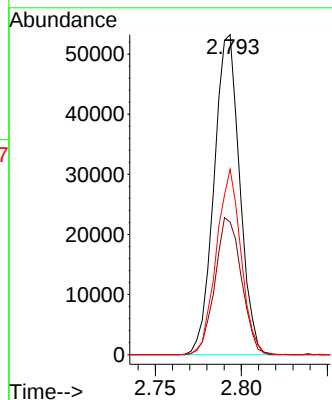
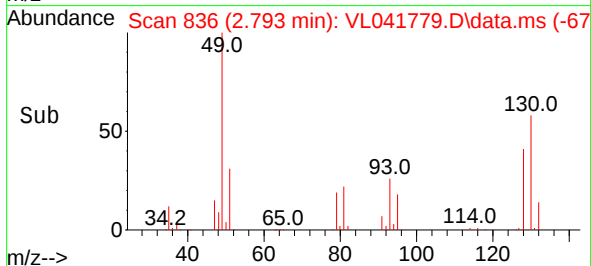


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 833
Delta R.T. 0.009 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

Instrument :
MSVOA_L
ClientSampleId :

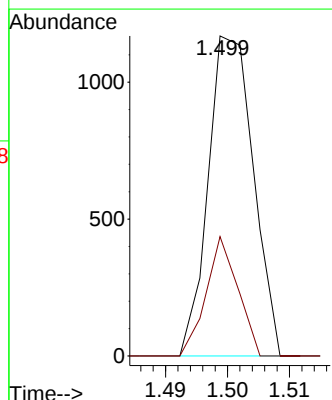
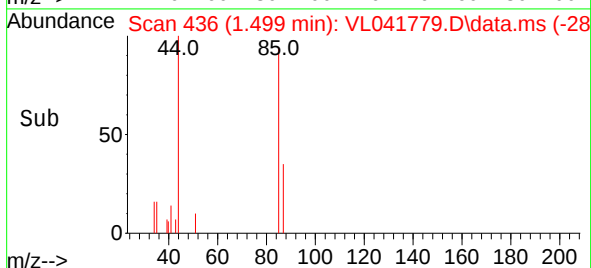
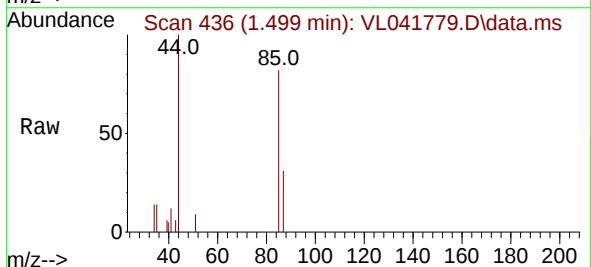


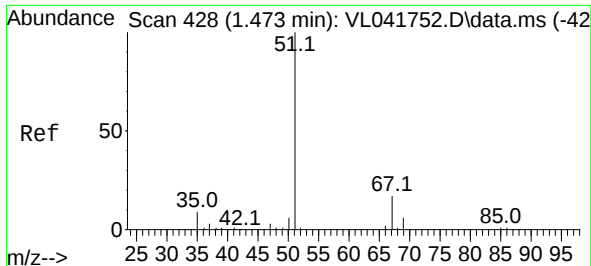
Tgt Ion: 49 Resp: 55250
Ion Ratio Lower Upper
49 100
128 44.2 21.6 64.6
130 55.5 28.3 85.0



#2
Dichlorodifluoromethane
Concen: 0.060 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

Tgt Ion: 85 Resp: 592
Ion Ratio Lower Upper
85 100
87 37.3 24.5 36.7#

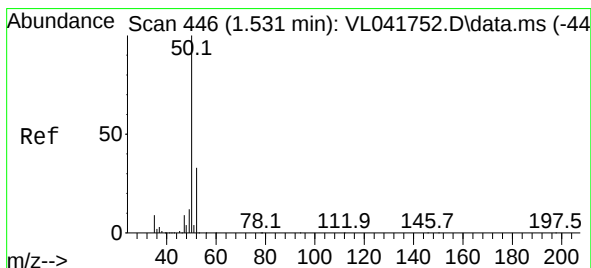
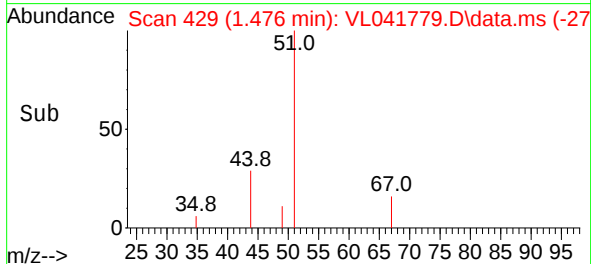
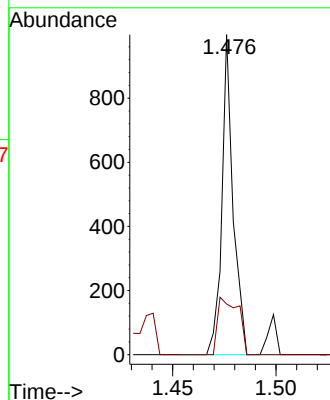
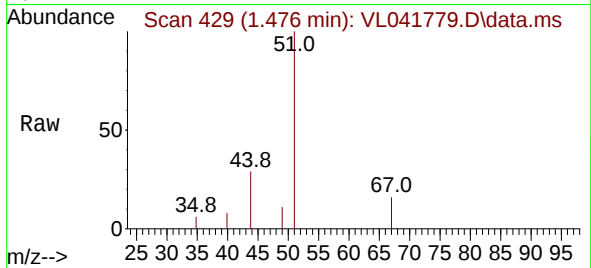




#3
Chlorodifluoromethane
Concen: 0.046 ppbv
RT: 1.476 min Scan# 412
Delta R.T. 0.003 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

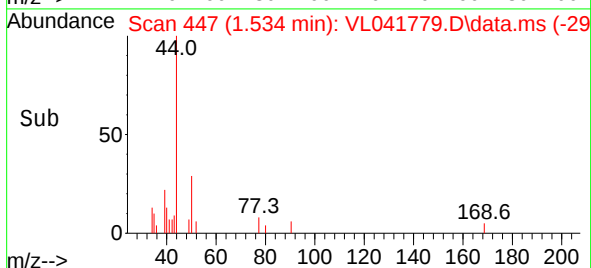
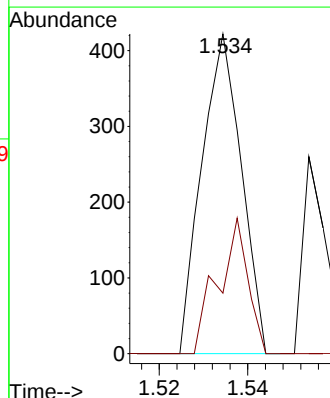
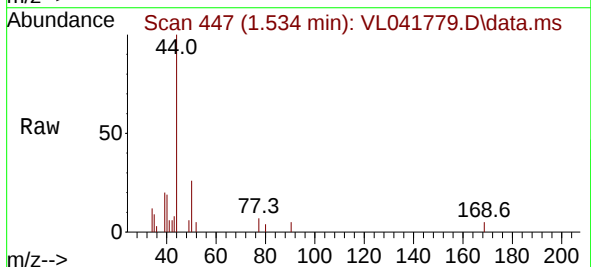
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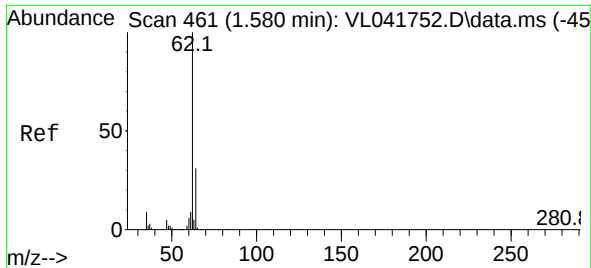
Tgt Ion: 51 Resp: 412
Ion Ratio Lower Upper
51 100
67 29.9 15.0 22.4#



#4
Chloromethane
Concen: 0.068 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

Tgt Ion: 50 Resp: 262
Ion Ratio Lower Upper
50 100
52 19.0 26.2 39.2#

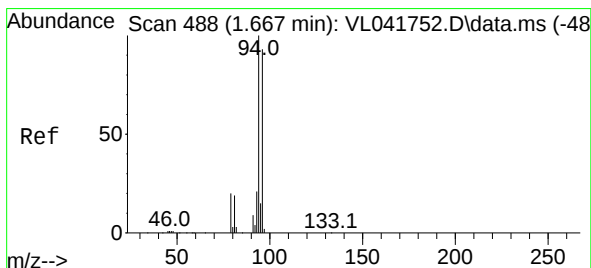
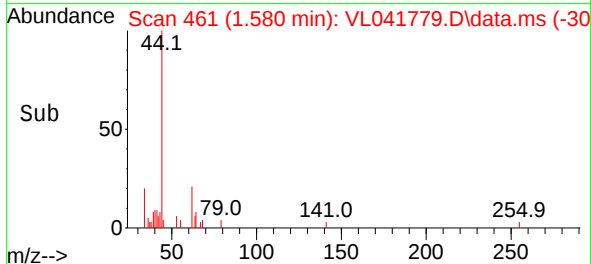
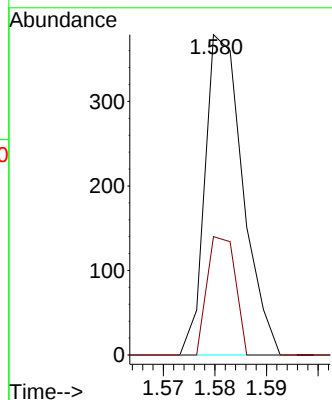
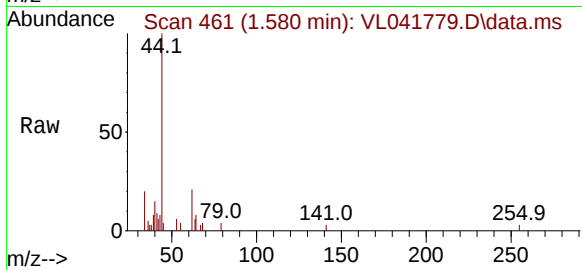




#5
 Vinyl Chloride
 Concen: 0.050 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL041779.D
 Acq: 17 Dec 2024 15:15

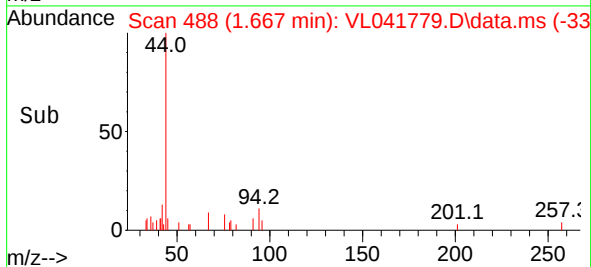
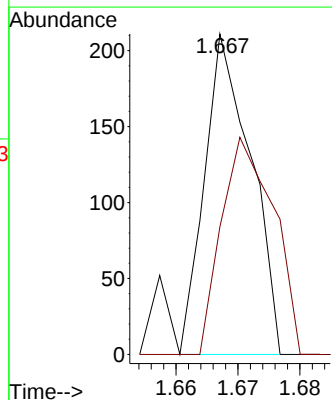
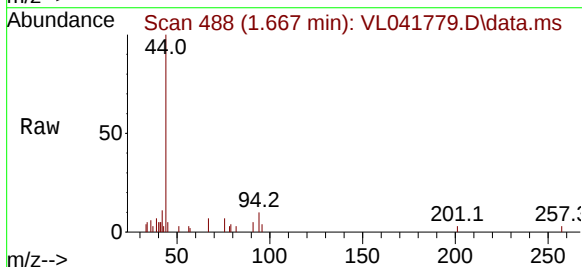
Instrument :
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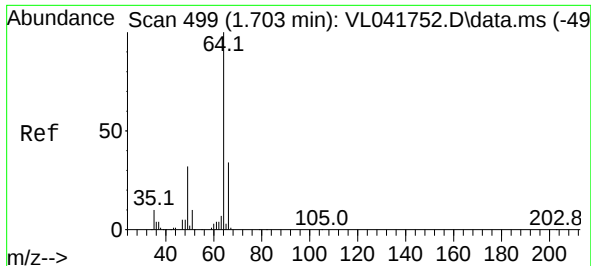
Tgt Ion: 62 Resp: 194
 Ion Ratio Lower Upper
 62 100
 64 36.9 25.1 37.7



#6
 Bromomethane
 Concen: 0.060 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL041779.D
 Acq: 17 Dec 2024 15:15

Tgt Ion: 94 Resp: 110
 Ion Ratio Lower Upper
 94 100
 96 39.8 74.7 112.1#

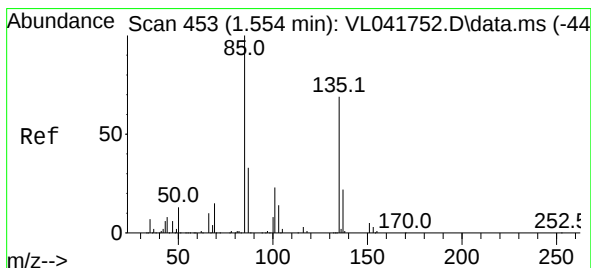
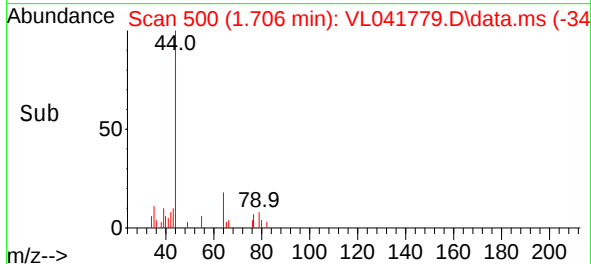
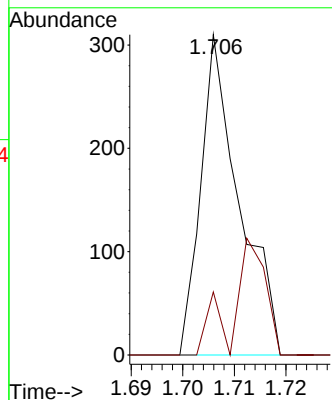
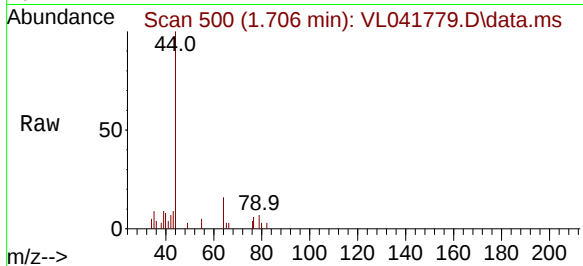




#7
Chloroethane
Concen: 0.107 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

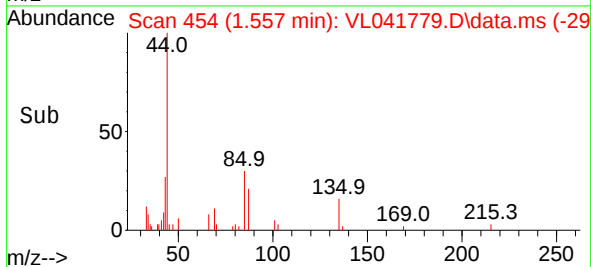
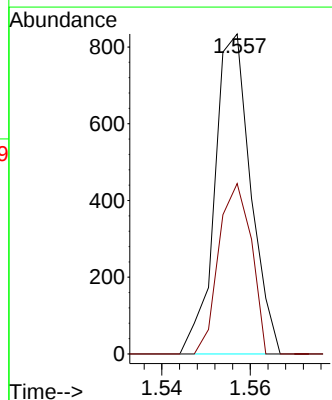
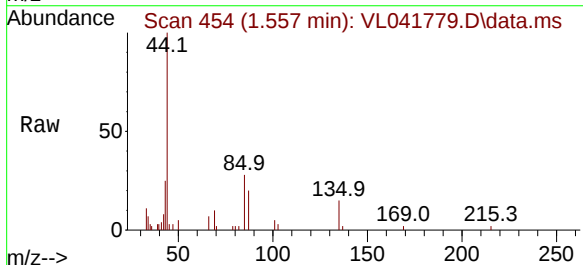
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MSVOA_L
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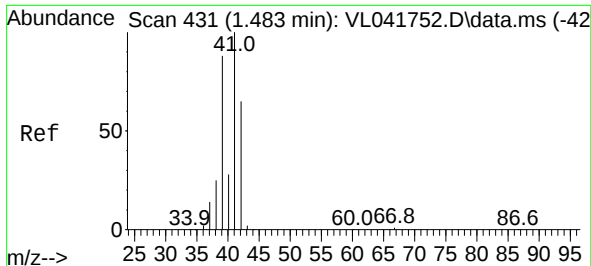
Tgt Ion: 64 Resp: 161
Ion Ratio Lower Upper
64 100
66 19.7 27.5 41.3#



#8
Dichlorotetrafluoroethane
Concen: 0.054 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

Tgt Ion: 85 Resp: 471
Ion Ratio Lower Upper
85 100
135 48.2 51.9 77.9#





#9

Propene

Concen: 0.056 ppbv

RT: 1.505 min Scan# 41

Delta R.T. 0.022 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

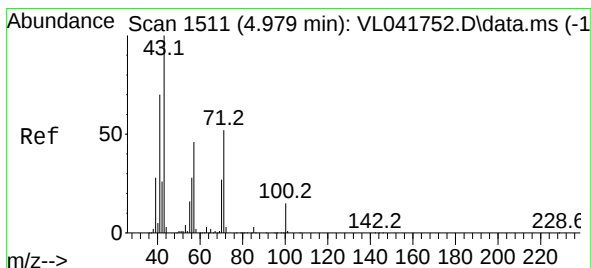
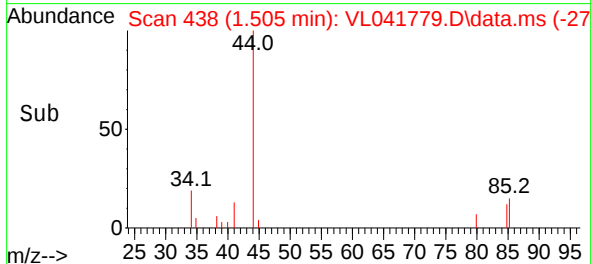
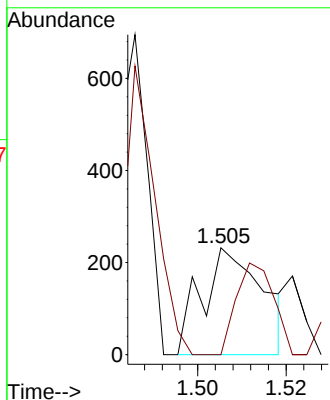
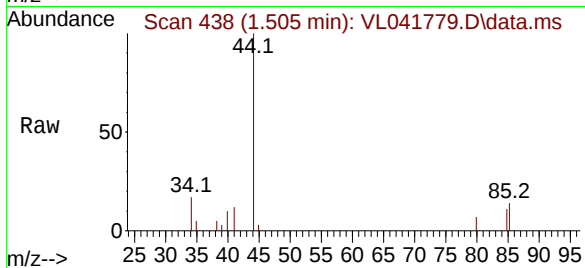
ClientSampleId :

Tgt Ion: 41 Resp: 220

Ion Ratio Lower Upper

41 100

42 52.7 52.4 78.6



#10

Heptane

Concen: 0.009 ppbv

RT: 5.001 min Scan# 1518

Delta R.T. 0.022 min

Lab File: VL041779.D

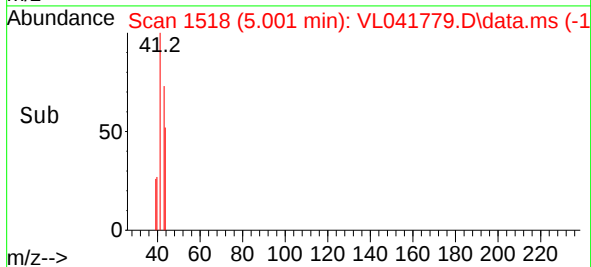
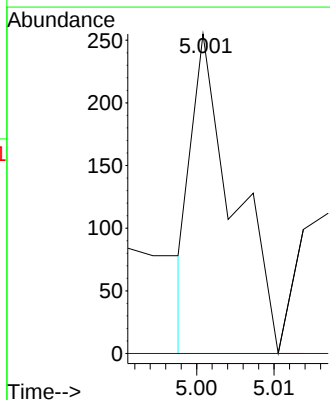
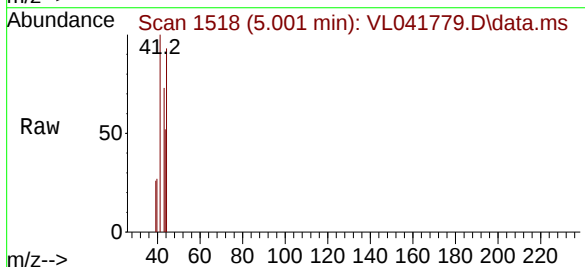
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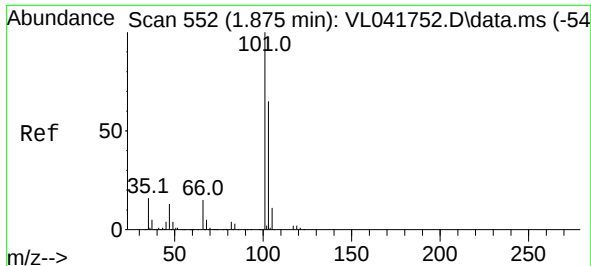
Tgt Ion: 43 Resp: 95

Ion Ratio Lower Upper

43 100

57 0.0 38.5 57.7#





#11

Trichlorofluoromethane

Concen: 0.029 ppbv

RT: 2.143 min Scan# 61

Delta R.T. 0.268 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

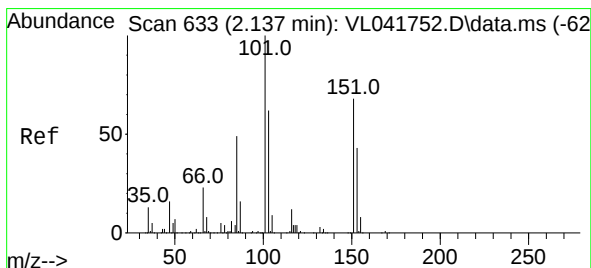
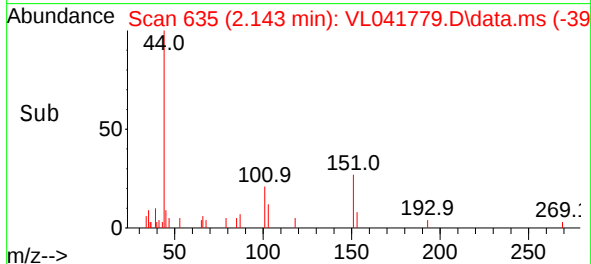
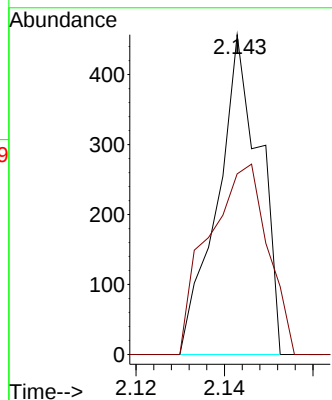
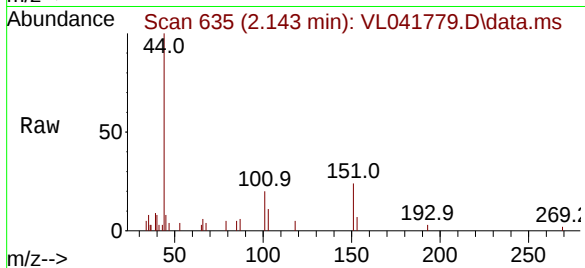
ClientSampleId :

Tgt Ion:101 Resp: 303

Ion Ratio Lower Upper

101 100

103 56.5 51.8 77.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.038 ppbv

RT: 2.143 min Scan# 635

Delta R.T. 0.006 min

Lab File: VL041779.D

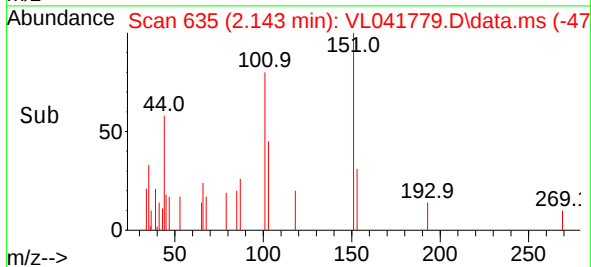
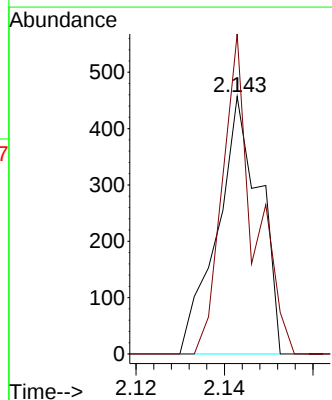
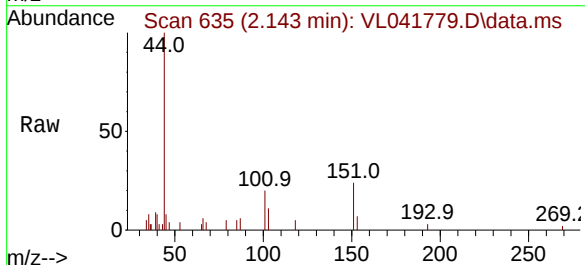
Acq: 17 Dec 2024 15:15

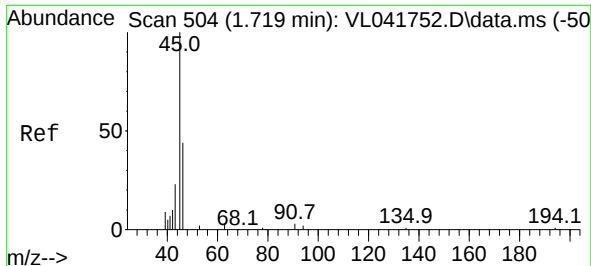
Tgt Ion:101 Resp: 303

Ion Ratio Lower Upper

101 100

151 92.7 56.8 85.2#





#13

Ethanol

Concen: 0.906 ppbv

RT: 1.725 min Scan# 504

Delta R.T. 0.006 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

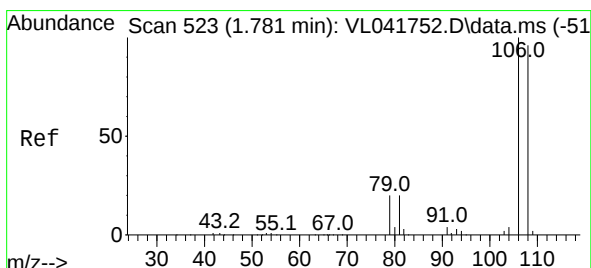
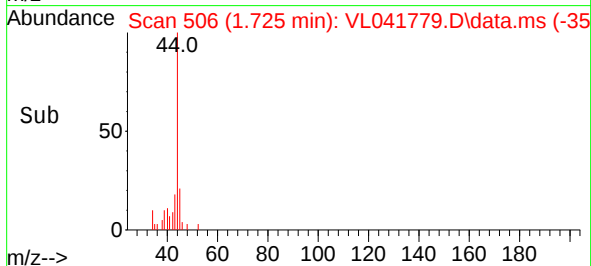
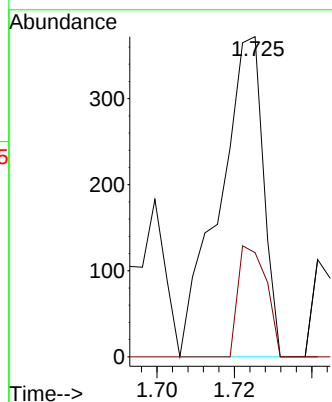
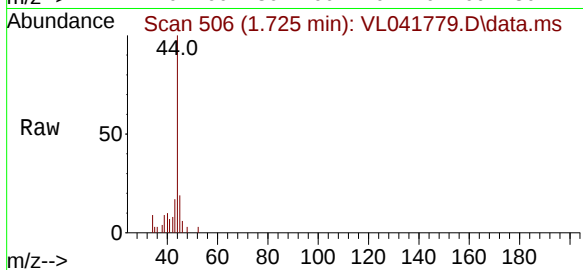
ClientSampleId :

Tgt Ion: 45 Resp: 293

Ion Ratio Lower Upper

45 100

46 0.0 16.4 65.8#



#14

Bromoethene

Concen: 0.048 ppbv

RT: 1.780 min Scan# 523

Delta R.T. -0.000 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

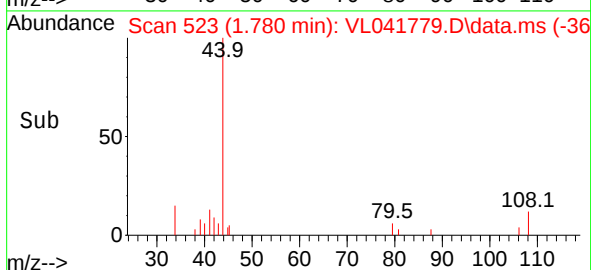
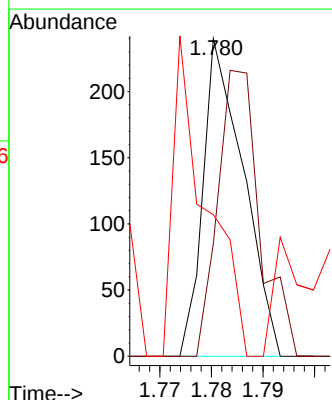
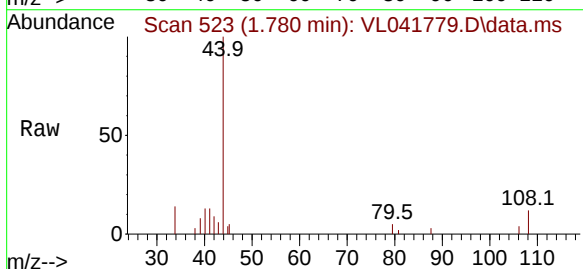
Tgt Ion: 108 Resp: 130

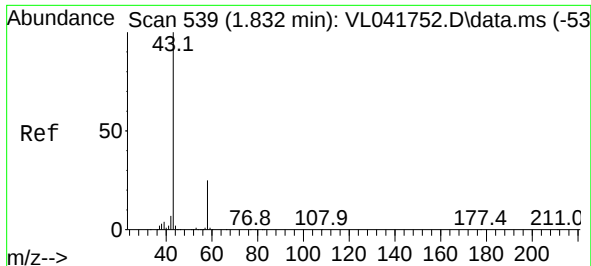
Ion Ratio Lower Upper

108 100

106 93.8 84.1 126.1

79 82.3 17.4 26.0#





#15

Acetone

Concen: 0.186 ppbv

RT: 1.839 min Scan# 541

Delta R.T. 0.006 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

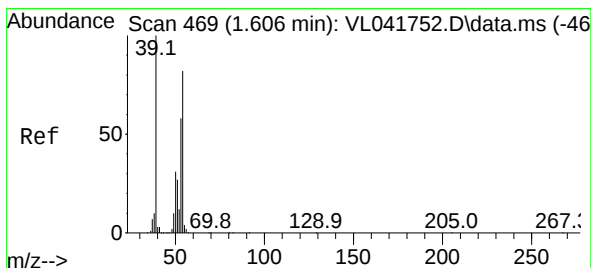
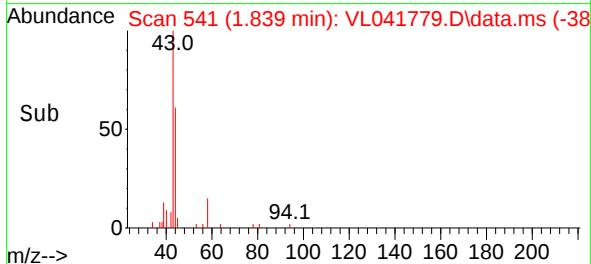
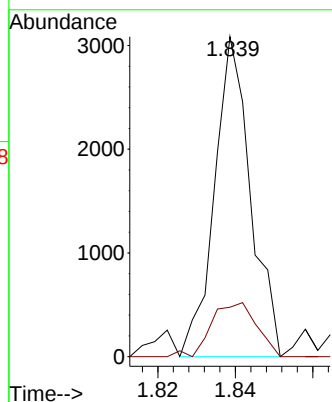
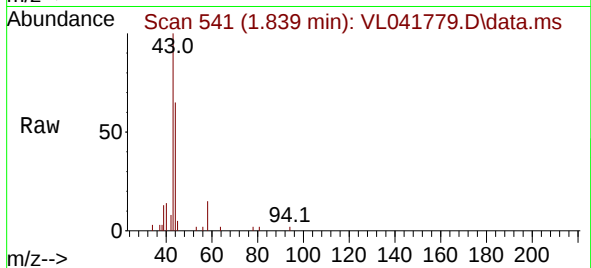
ClientSampleId :

Tgt Ion: 43 Resp: 1996

Ion Ratio Lower Upper

43 100

58 21.1 19.7 29.5



#16

1,3-Butadiene

Concen: 0.090 ppbv

RT: 1.606 min Scan# 469

Delta R.T. -0.000 min

Lab File: VL041779.D

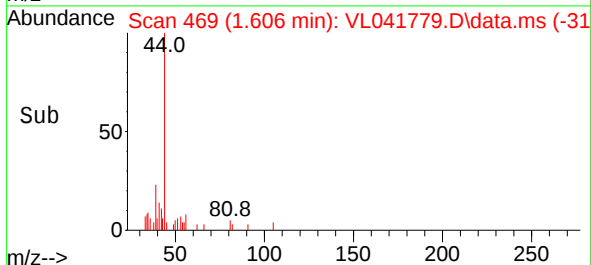
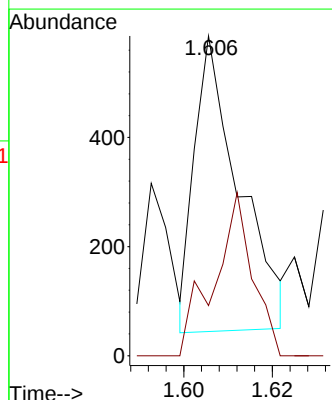
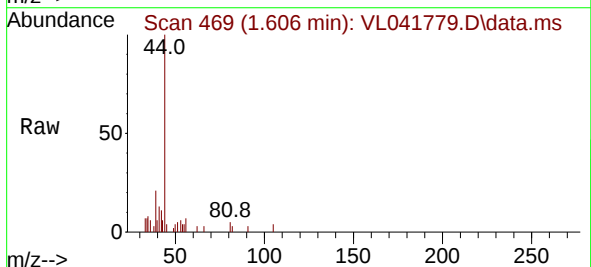
Acq: 17 Dec 2024 15:15

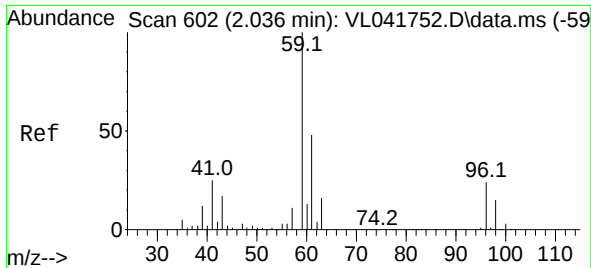
Tgt Ion: 39 Resp: 380

Ion Ratio Lower Upper

39 100

54 47.6 58.4 87.6#

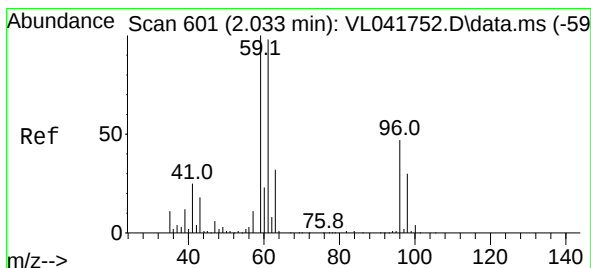
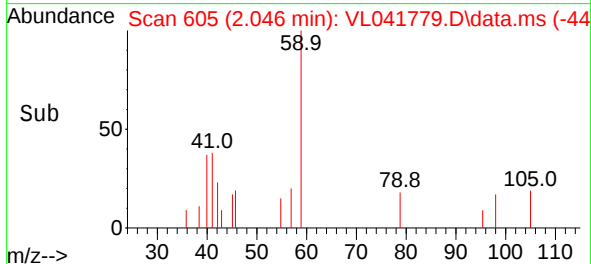
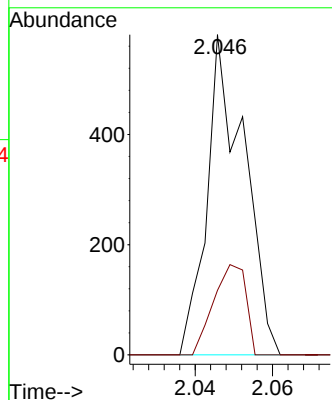
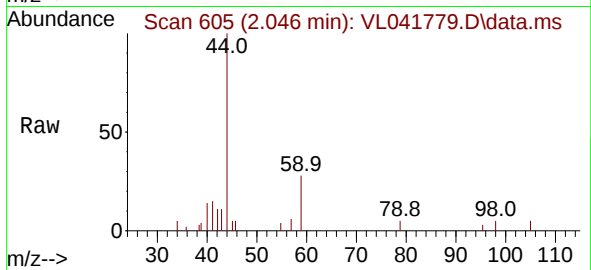




#17
tert-Butyl alcohol
Concen: 0.036 ppbv
RT: 2.046 min Scan# 602
Delta R.T. 0.009 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

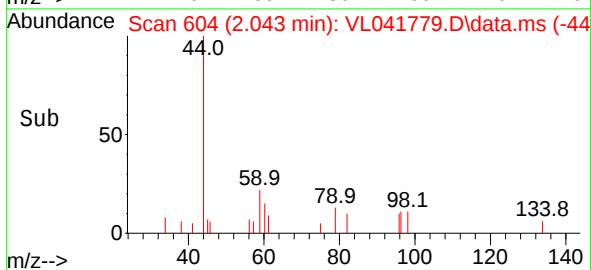
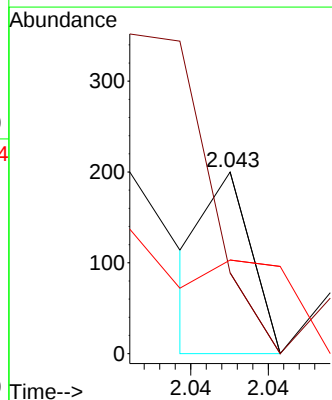
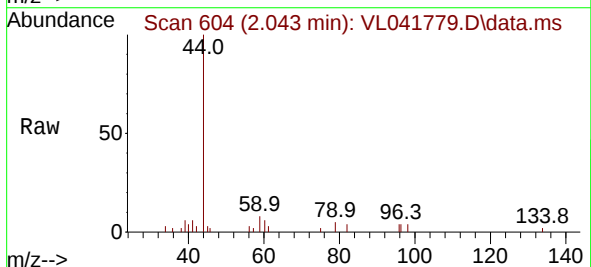
Instrument :
MSVOA_L
ClientSampleId :

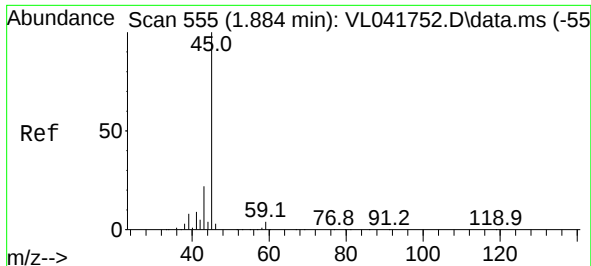
Tgt Ion: 59 Resp: 388
Ion Ratio Lower Upper
59 100
57 24.5 8.6 13.0#



#18
1,1-Dichloroethene
Concen: 0.012 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.009 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

Tgt Ion: 96 Resp: 39
Ion Ratio Lower Upper
96 100
61 44.5 167.7 251.5#
98 15.5 51.1 76.7#





#19

Isopropyl Alcohol

Concen: 0.255 ppbv

RT: 1.887 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

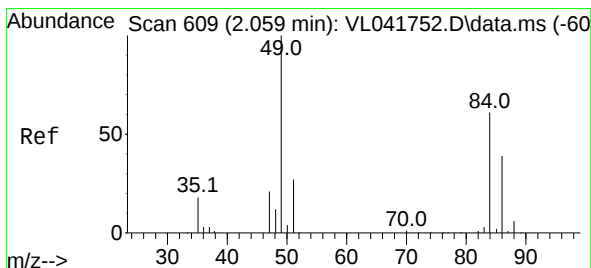
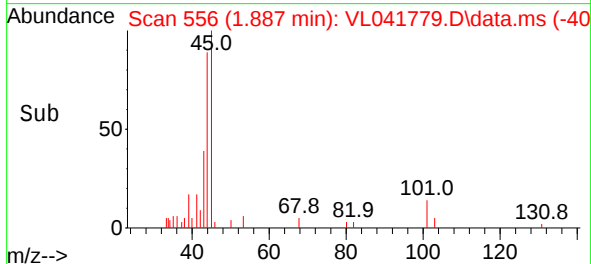
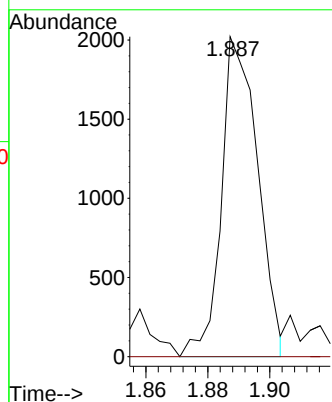
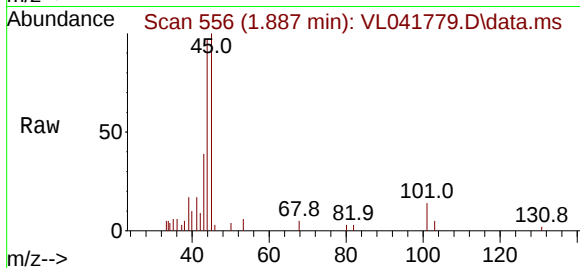
ClientSampleId :

Tgt Ion: 45 Resp: 1646

Ion Ratio Lower Upper

45 100

58 25.6 33.3 49.9#



#20

Methylene Chloride

Concen: 0.259 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Tgt Ion: 84 Resp: 795

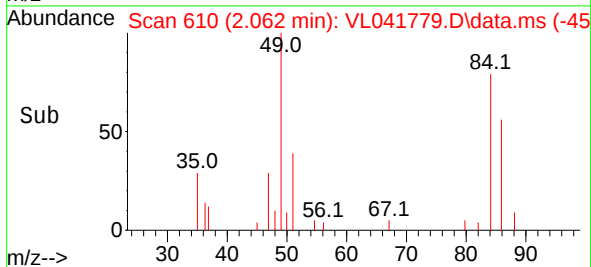
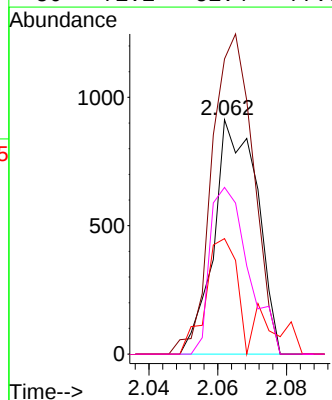
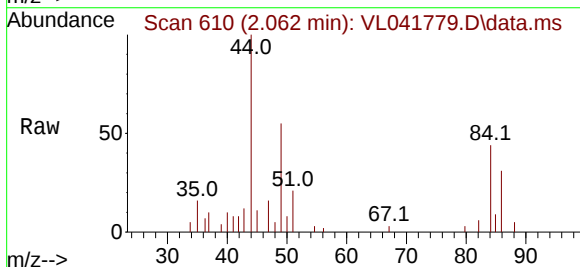
Ion Ratio Lower Upper

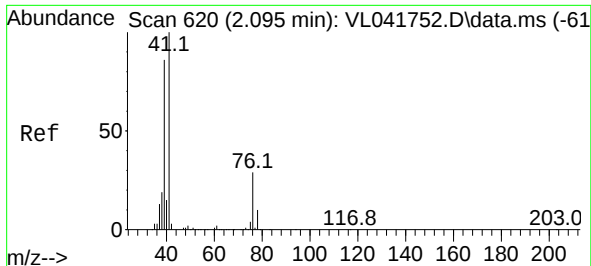
84 100

49 126.0 132.6 198.8#

51 49.3 37.6 56.4

86 71.1 51.4 77.0





#21

Allyl Chloride

Concen: 0.017 ppbv

RT: 2.101 min Scan# 61

Delta R.T. 0.006 min

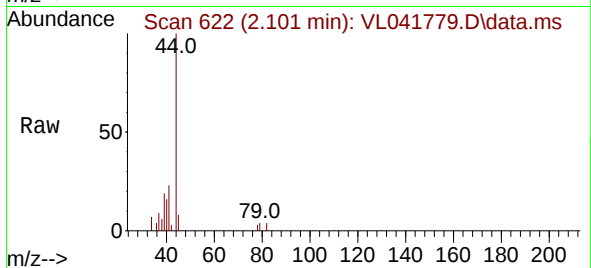
Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

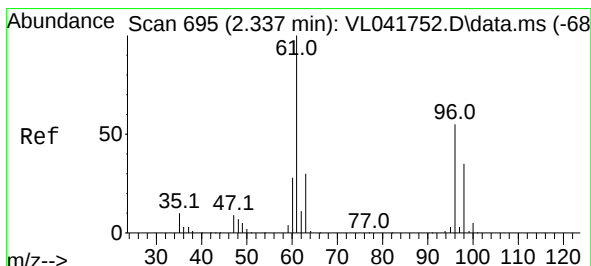
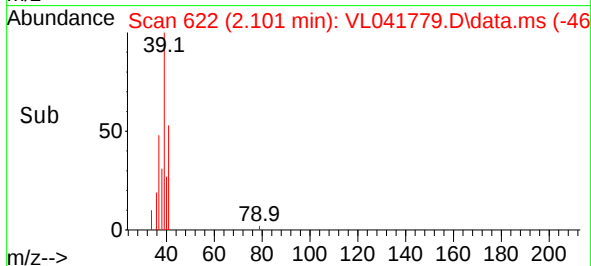
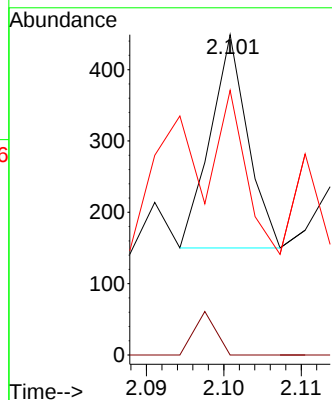
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	41	Resp:	100
Ion Ratio	Lower	Upper	
41	100		
76	0.0	22.3	33.5#
39	0.0	69.2	103.8#



#22

trans-1,2-Dichloroethene

Concen: 0.014 ppbv

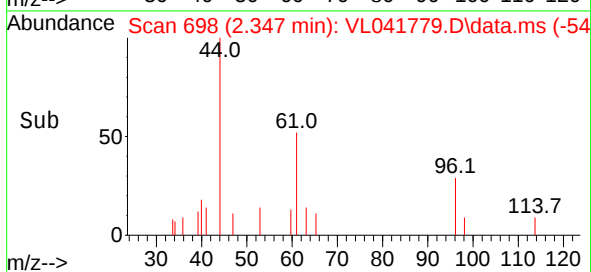
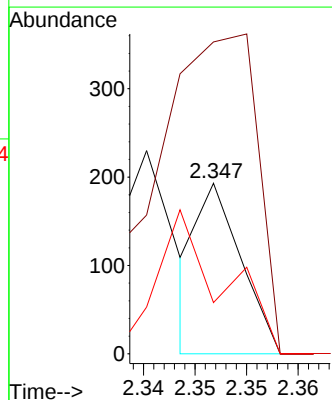
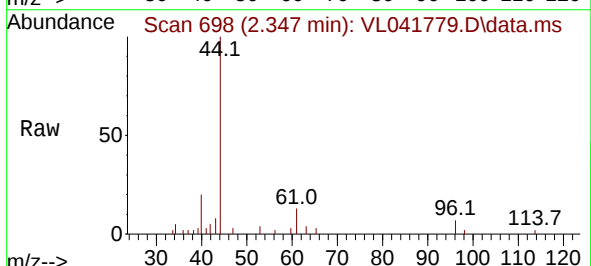
RT: 2.347 min Scan# 698

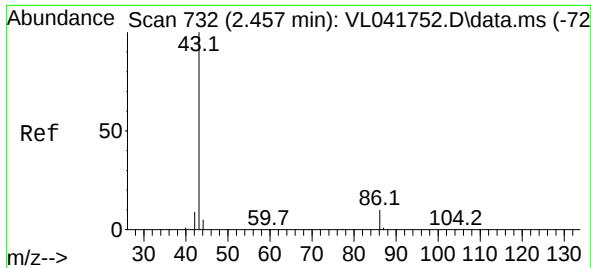
Delta R.T. 0.009 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

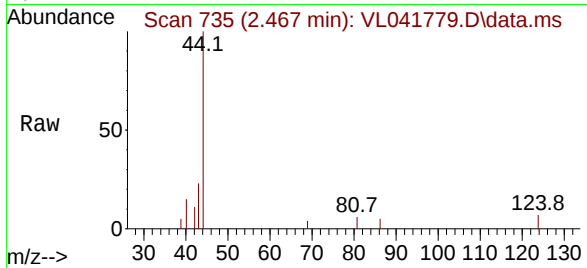
Tgt Ion:	96	Resp:	55
Ion Ratio	Lower	Upper	
96	100		
61	182.9	146.3	219.5
98	30.1	50.8	76.2#



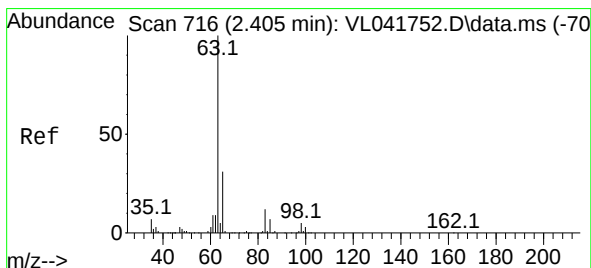
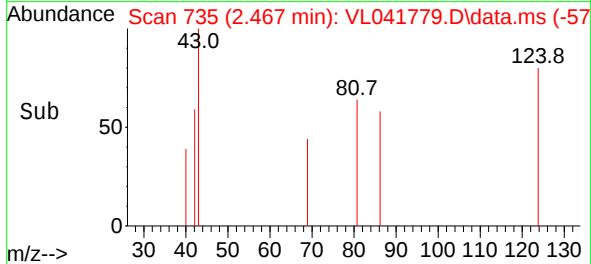
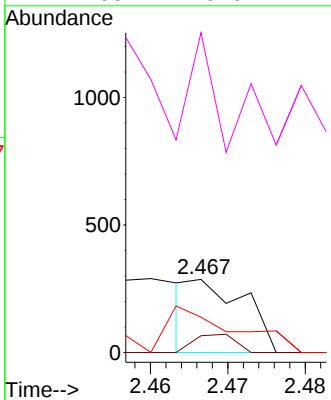


#23
 Vinyl Acetate
 Concen: 0.028 ppbv
 RT: 2.467 min Scan# 716
 Delta R.T. 0.009 min
 Lab File: VL041779.D
 Acq: 17 Dec 2024 15:15

Instrument :
 MSVOA_L
 ClientSampleId :

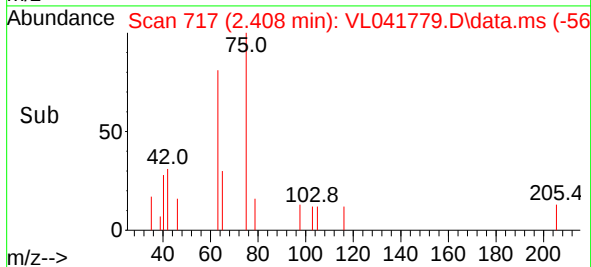
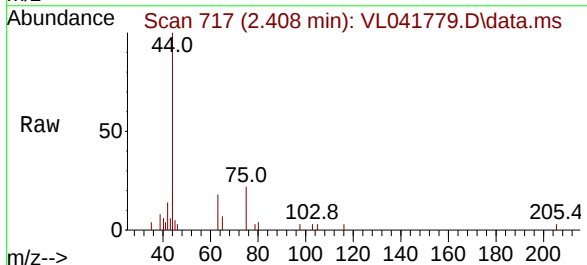
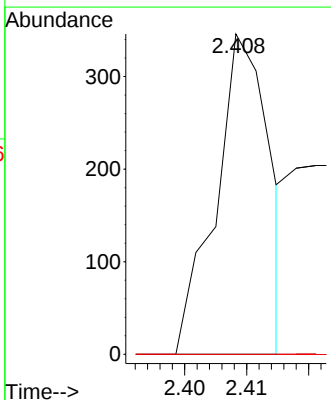


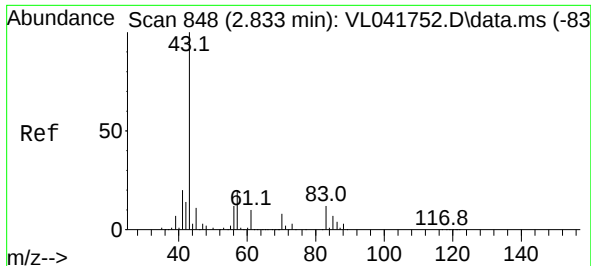
Tgt Ion:	43	Resp:	139
Ion	Ratio	Lower	Upper
43	100		
86	23.0	6.6	10.0#
42	18.8	8.2	12.2#
44	153.7	5.0	7.4#



#24
 1,1-Dichloroethane
 Concen: 0.027 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. 0.003 min
 Lab File: VL041779.D
 Acq: 17 Dec 2024 15:15

Tgt Ion:	63	Resp:	210
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.3	6.8#
100	0.0	1.4	4.2#





#25

Ethyl Acetate

Concen: 0.021 ppbv

RT: 2.842 min Scan# 849

Delta R.T. 0.009 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 422

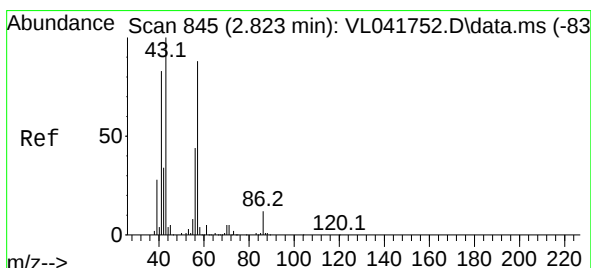
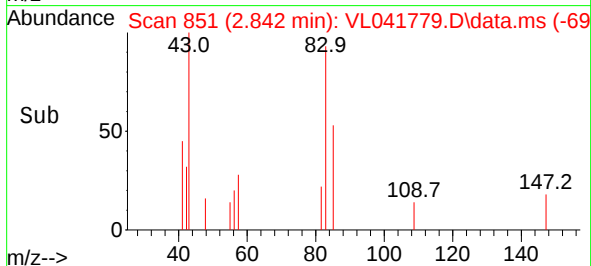
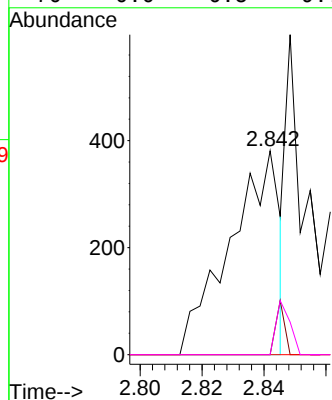
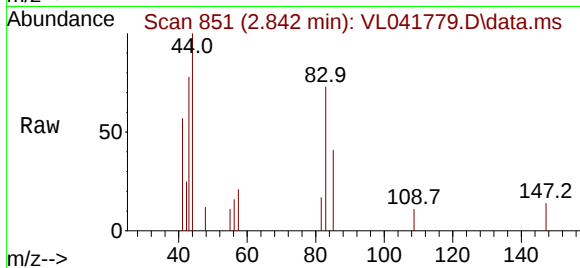
Ion Ratio Lower Upper

43 100

45 0.0 8.1 12.1#

61 0.0 7.0 10.6#

70 0.0 6.5 9.7#



#26

Hexane

Concen: 0.008 ppbv

RT: 2.839 min Scan# 850

Delta R.T. 0.016 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Tgt Ion: 57 Resp: 57

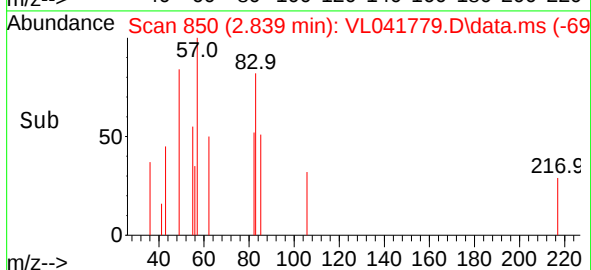
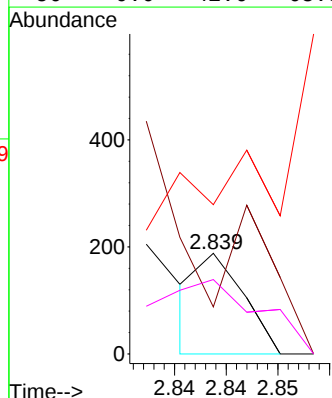
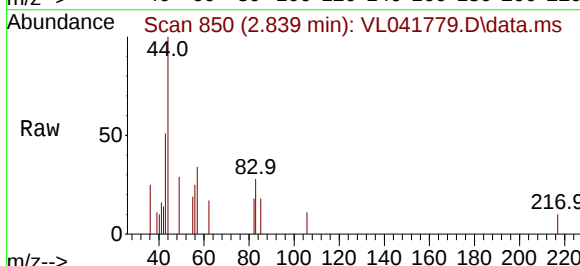
Ion Ratio Lower Upper

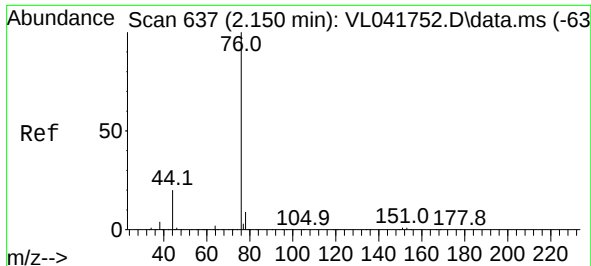
57 100

41 0.0 79.6 119.4#

43 1298.2 211.0 316.6#

56 0.0 42.6 63.8#





#27

Carbon Disulfide

Concen: 0.025 ppbv

RT: 2.149 min Scan# 61

Delta R.T. -0.000 min

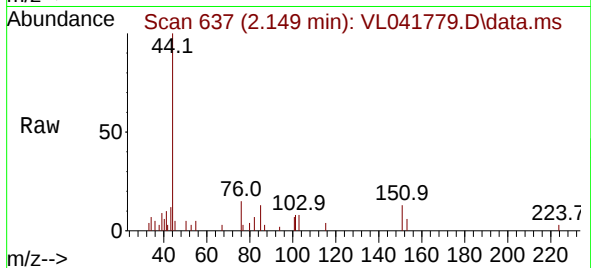
Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

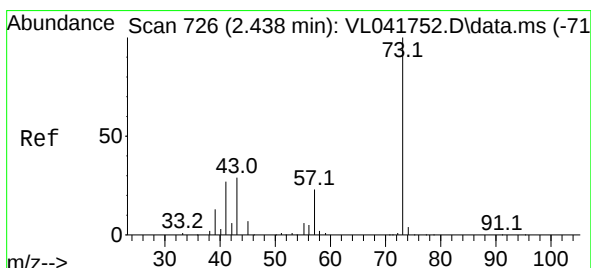
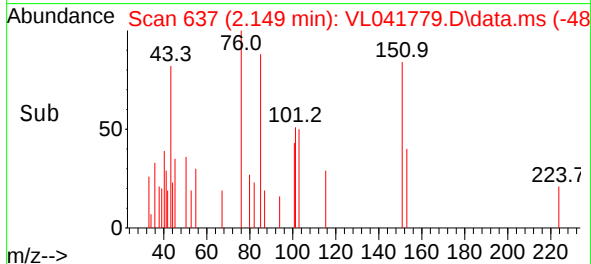
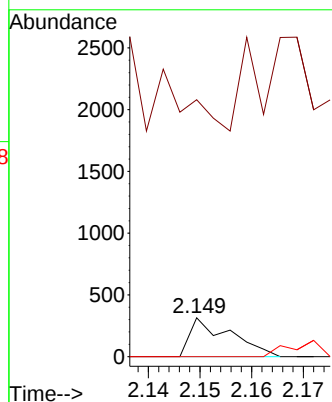
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 76	Resp: 171
Ion Ratio	Lower Upper
76	100
44	1041.5 17.6 26.4#
78	14.0 10.2 15.4



#28

Methyl tert-Butyl Ether

Concen: 0.026 ppbv

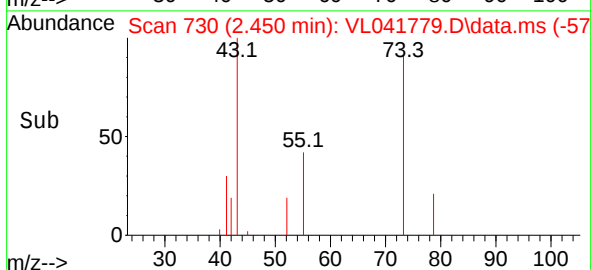
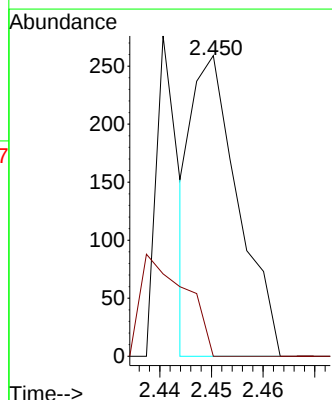
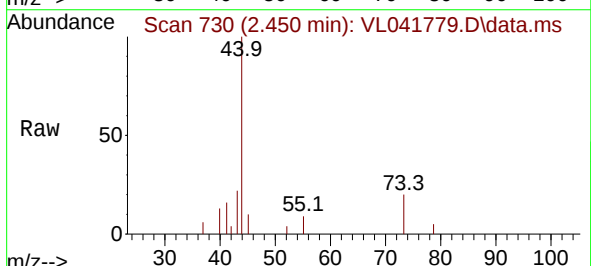
RT: 2.450 min Scan# 730

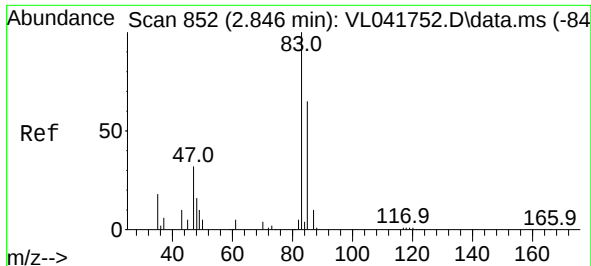
Delta R.T. 0.013 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Tgt Ion: 73	Resp: 161
Ion Ratio	Lower Upper
73	100
57	0.0 17.6 26.4#





#29

Chloroform

Concen: 0.059 ppbv

RT: 2.855 min Scan# 85

Delta R.T. 0.009 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

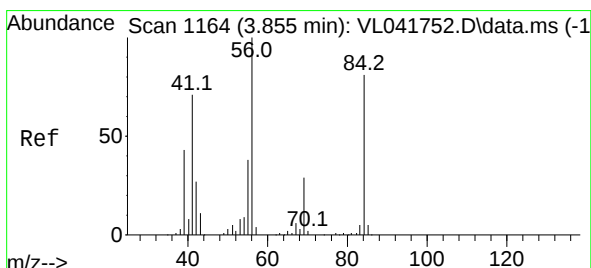
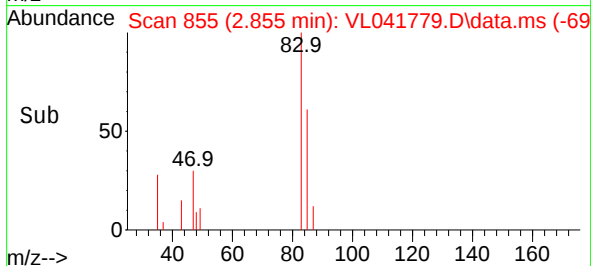
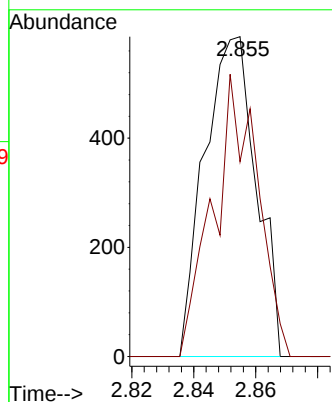
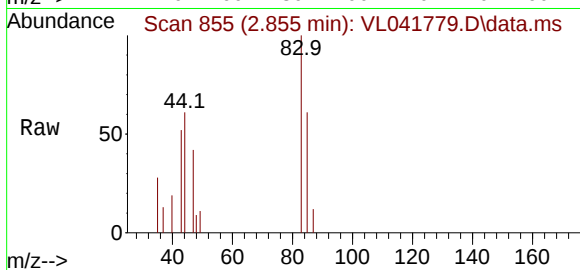
ClientSampleId :

Tgt Ion: 83 Resp: 680

Ion Ratio Lower Upper

83 100

85 60.9 51.8 77.6



#30

Cyclohexane

Concen: 0.010 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.009 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

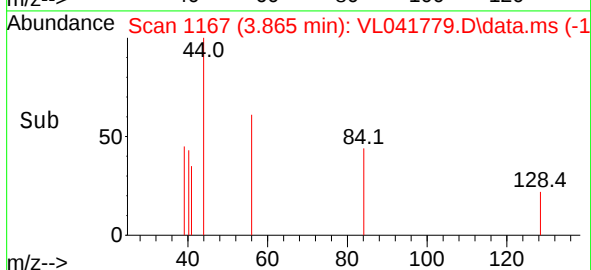
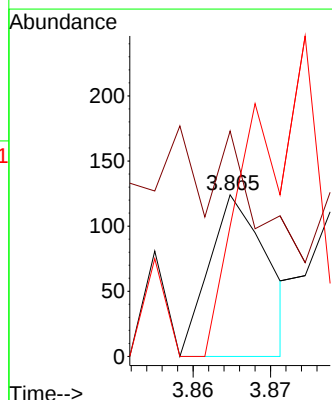
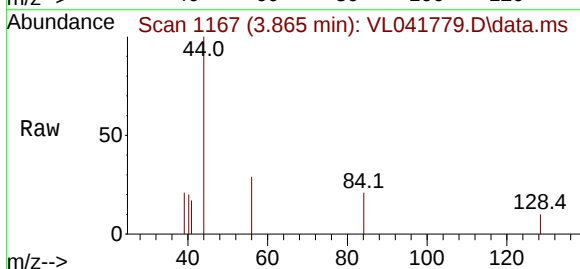
Tgt Ion: 84 Resp: 65

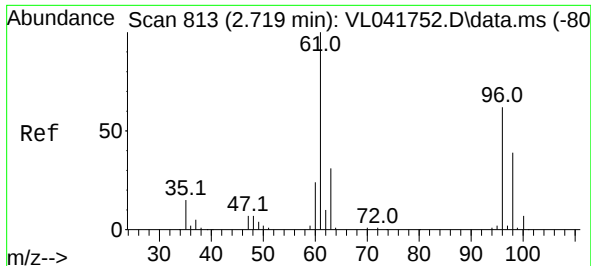
Ion Ratio Lower Upper

84 100

56 0.0 102.3 153.5#

41 0.0 74.0 111.0#





#31

cis-1,2-Dichloroethene

Concen: 0.017 ppbv

RT: 2.722 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041779.D

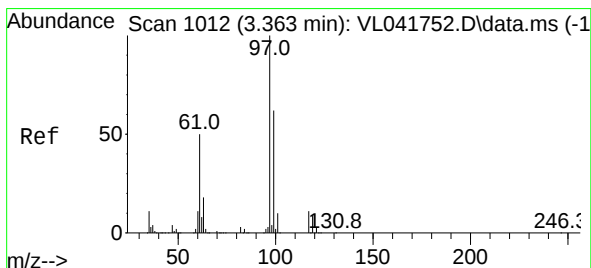
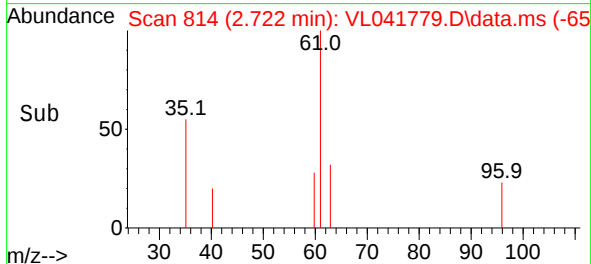
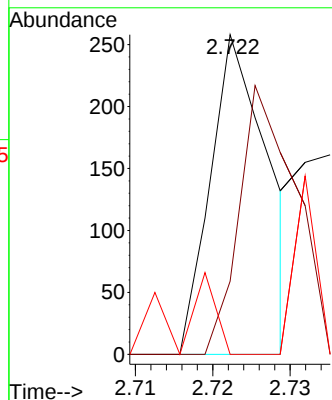
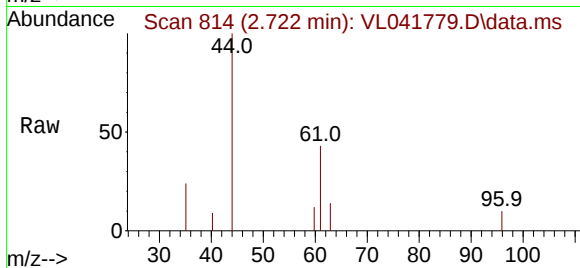
Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	61	Resp:	134
Ion	Ratio	Lower	Upper
61	100		
96	22.9	49.7	74.5#
98	0.0	30.8	46.2#



#32

1,1,1-Trichloroethane

Concen: 0.027 ppbv

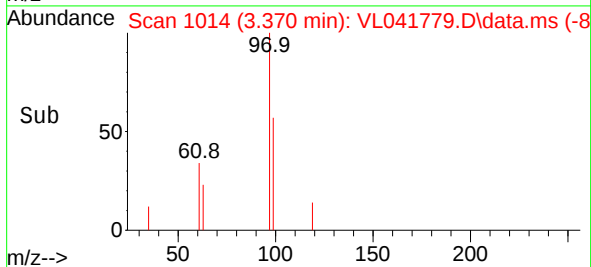
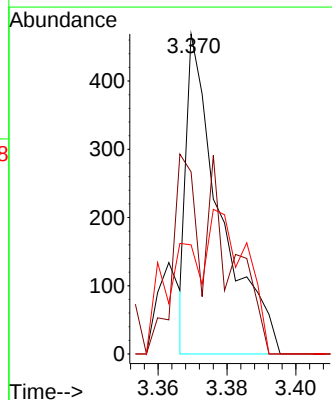
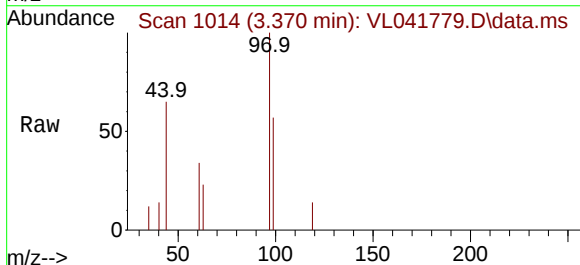
RT: 3.370 min Scan# 1014

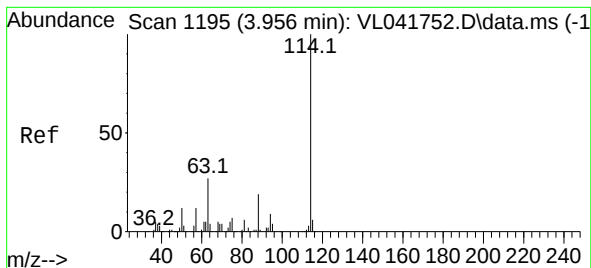
Delta R.T. 0.006 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Tgt Ion:	97	Resp:	318
Ion	Ratio	Lower	Upper
97	100		
99	95.6	51.0	76.4#
61	88.1	42.2	63.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1195

Delta R.T. 0.009 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

ClientSampleId :

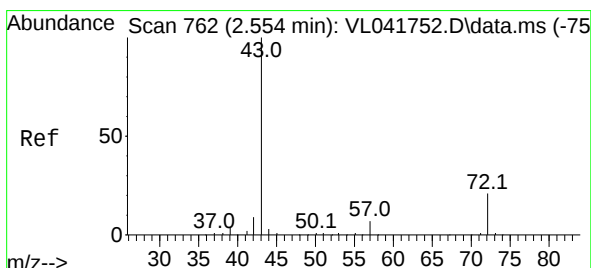
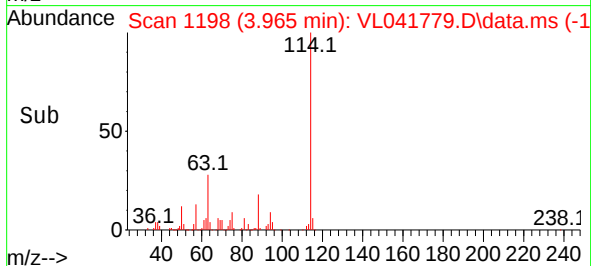
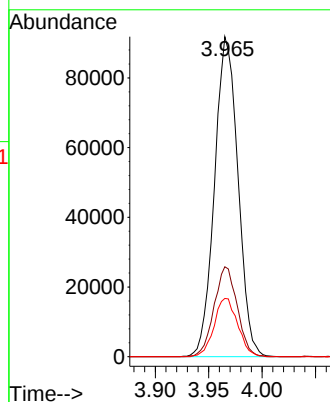
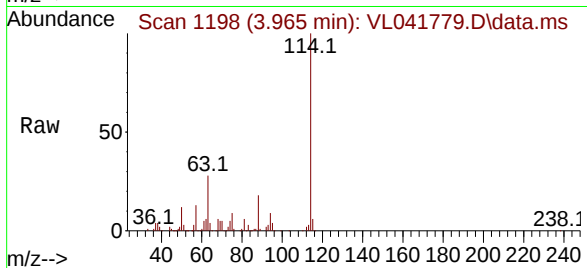
Tgt Ion:114 Resp: 140230

Ion Ratio Lower Upper

114 100

63 27.8 21.8 32.8

88 18.3 14.8 22.2



#34

2-Butanone

Concen: 0.063 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.013 min

Lab File: VL041779.D

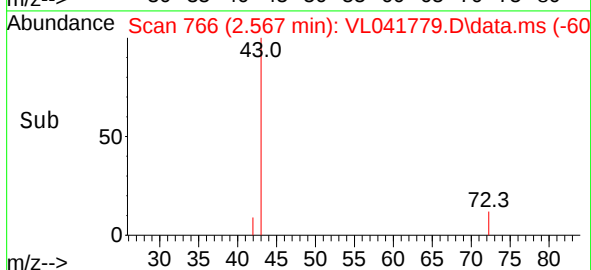
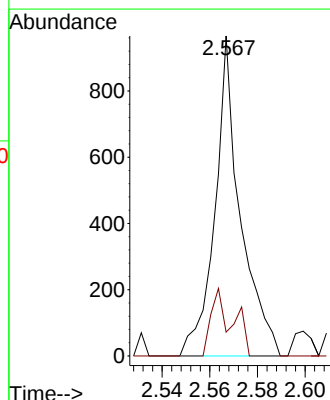
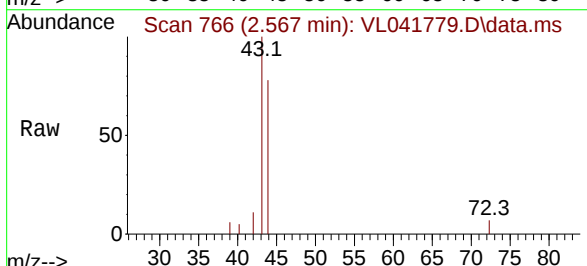
Acq: 17 Dec 2024 15:15

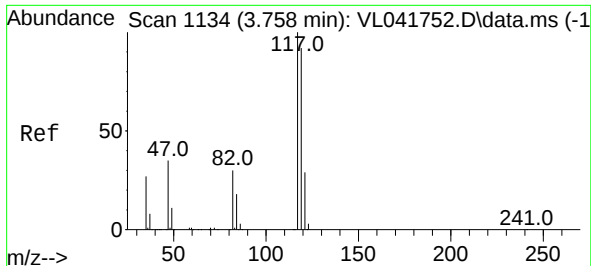
Tgt Ion: 43 Resp: 713

Ion Ratio Lower Upper

43 100

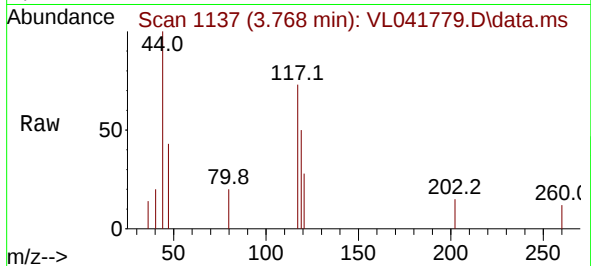
72 17.5 16.8 25.2



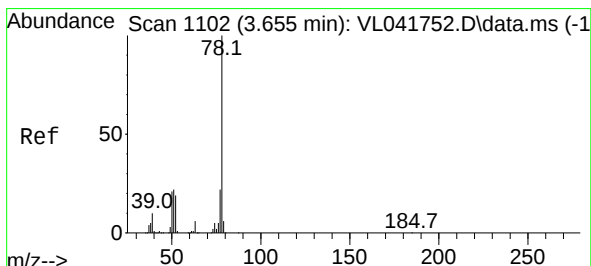
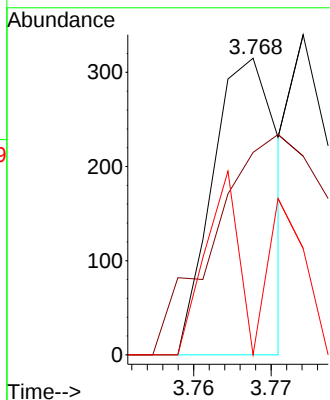
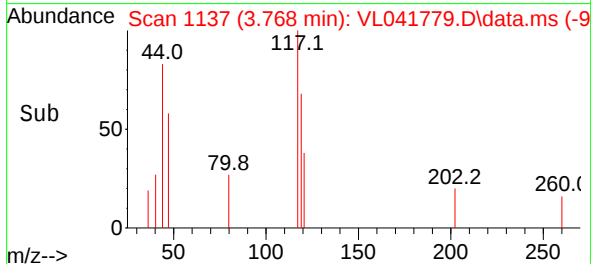


#35
Carbon Tetrachloride
Concen: 0.019 ppbv
RT: 3.768 min Scan# 1134
Delta R.T. 0.009 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

Instrument :
MSVOA_L
ClientSampleId :

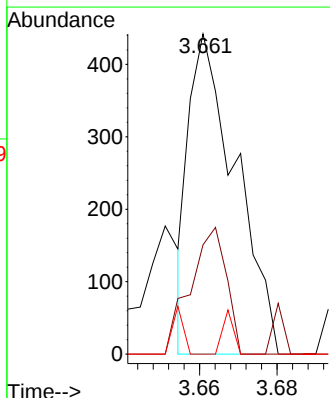
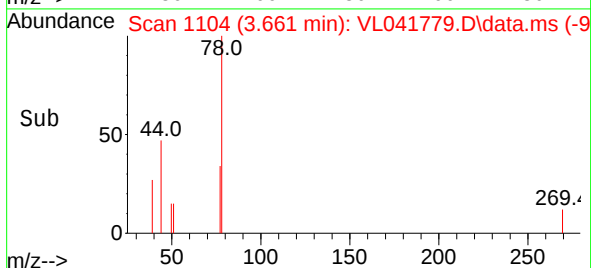
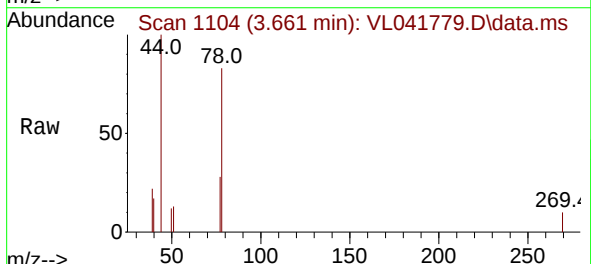


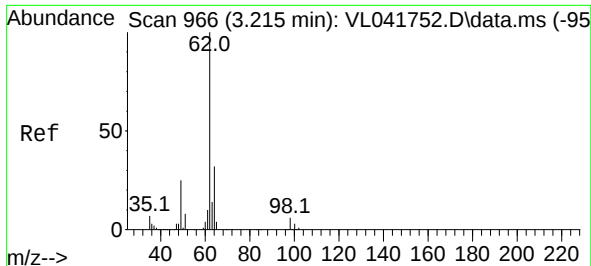
Tgt Ion:117 Resp: 187
Ion Ratio Lower Upper
117 100
119 42.2 73.7 110.5#
121 0.0 23.0 34.4#



#36
Benzene
Concen: 0.026 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

Tgt Ion: 78 Resp: 373
Ion Ratio Lower Upper
78 100
77 18.3 17.8 26.6
50 0.0 17.2 25.8#

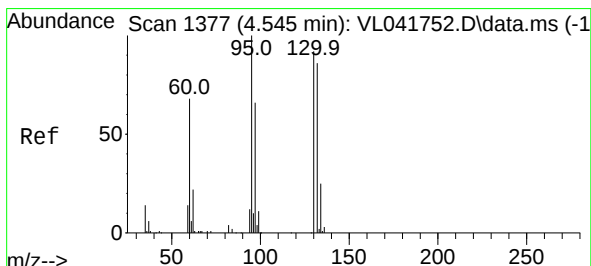
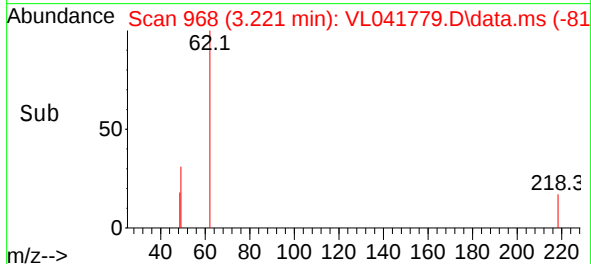
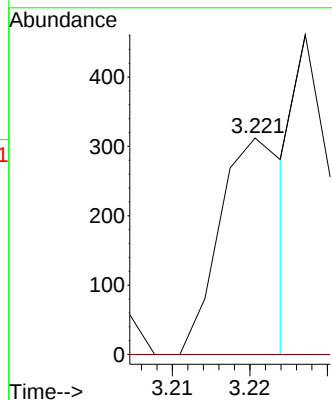
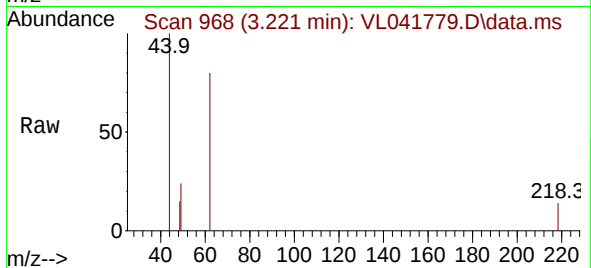




#37
1,2-Dichloroethane
Concen: 0.020 ppbv
RT: 3.221 min Scan# 90
Delta R.T. 0.006 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

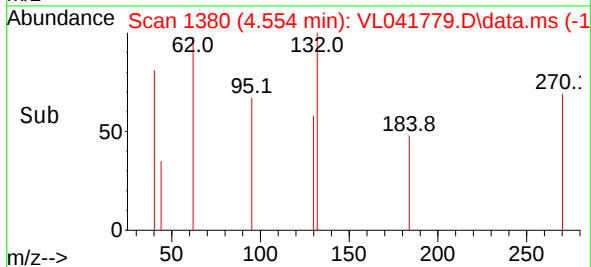
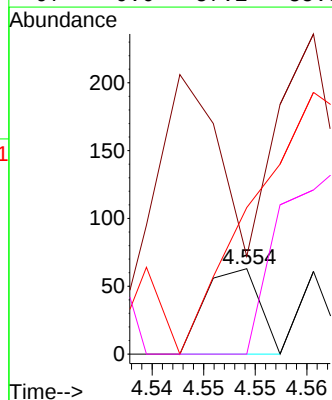
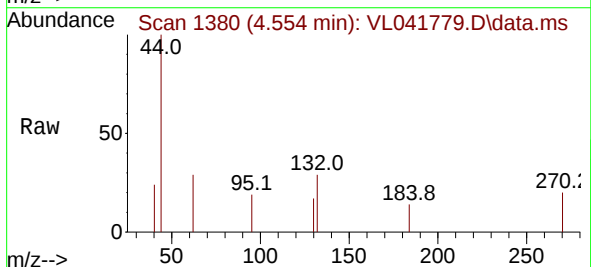
Instrument :
MSVOA_L
ClientSampleId :

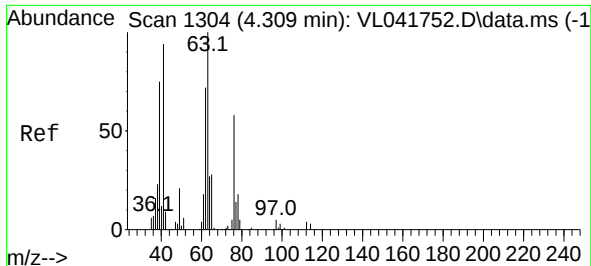
Tgt Ion: 62 Resp: 183
Ion Ratio Lower Upper
62 100
98 0.0 4.7 7.1#



#38
Trichloroethene
Concen: 0.004 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. 0.009 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

Tgt Ion:130 Resp: 23
Ion Ratio Lower Upper
130 100
95 0.0 87.0 130.6#
132 171.4 75.0 112.6#
97 0.0 57.2 85.8#





#39

1,2-Dichloropropane

Concen: 7.417 ppbv

RT: 3.965 min Scan# 1419

Delta R.T. -0.343 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

ClientSampleId :

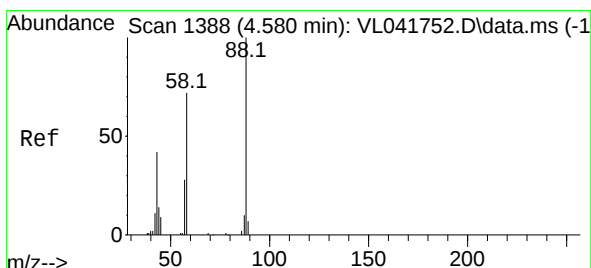
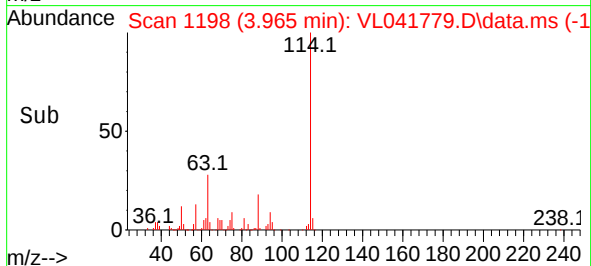
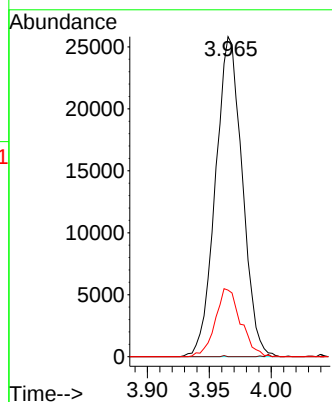
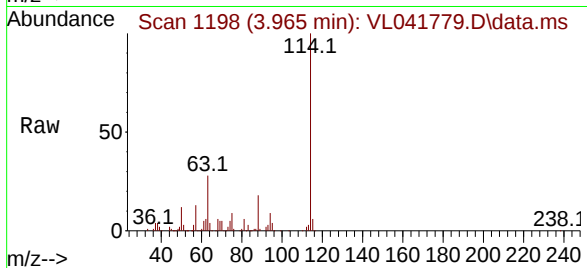
Tgt Ion: 63 Resp: 38909

Ion Ratio Lower Upper

63 100

41 0.0 75.3 112.9#

62 20.8 57.3 85.9#



#40

1,4-Dioxane

Concen: 0.010 ppbv

RT: 4.680 min Scan# 1419

Delta R.T. 0.100 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Tgt Ion: 88 Resp: 26

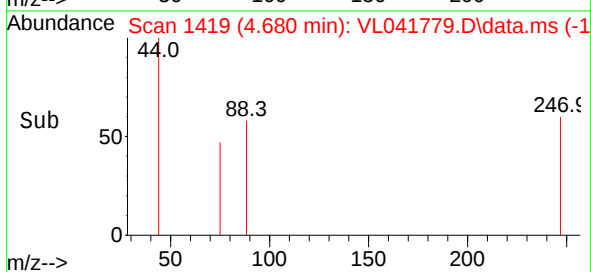
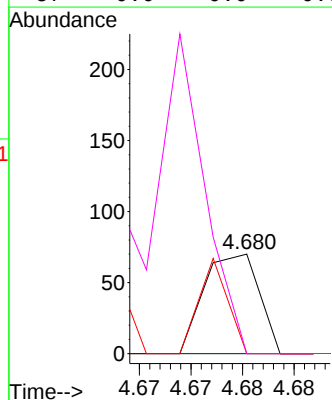
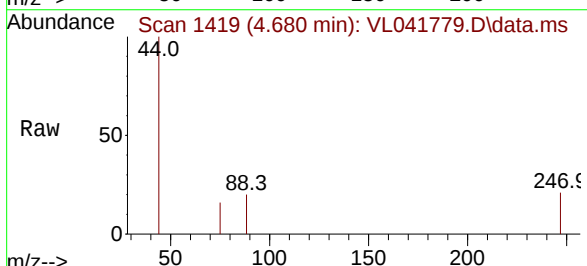
Ion Ratio Lower Upper

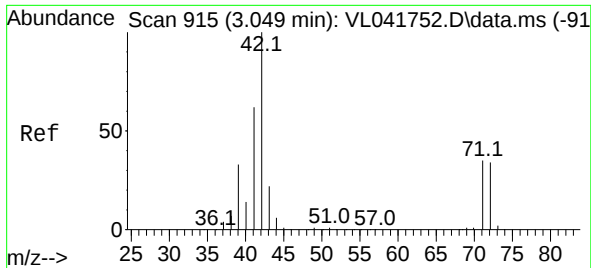
88 100

58 0.0 61.0 91.6#

43 203.8 29.4 44.0#

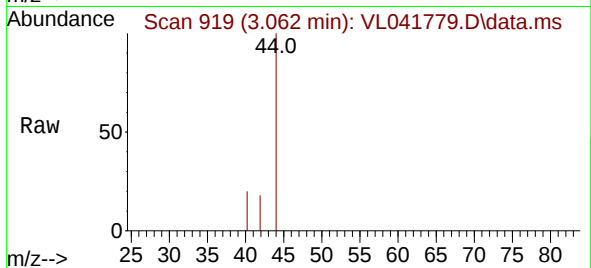
57 0.0 0.0 0.0



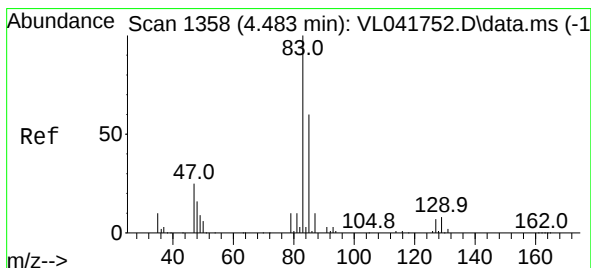
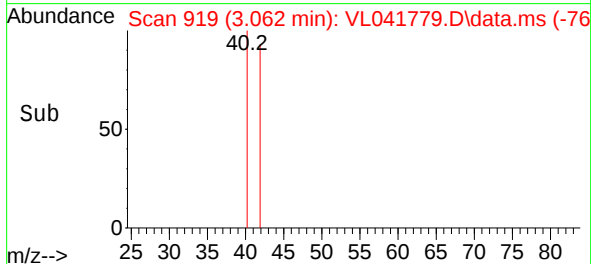
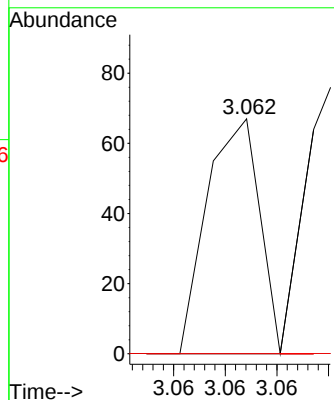


#41
Tetrahydrofuran
Concen: 0.004 ppbv
RT: 3.062 min Scan# 915
Delta R.T. 0.013 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

Instrument :
MSVOA_L
ClientSampleId :

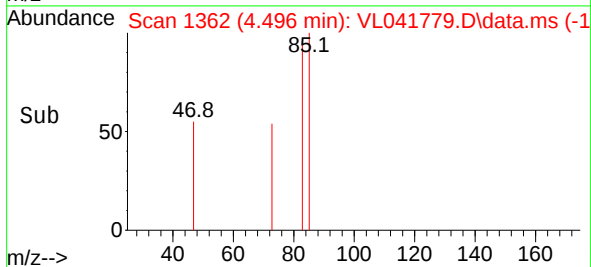
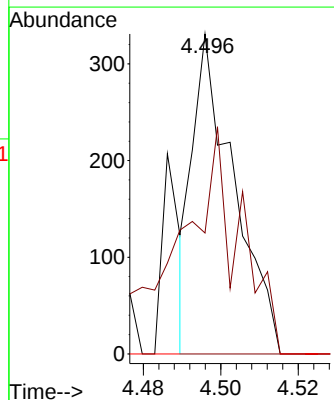
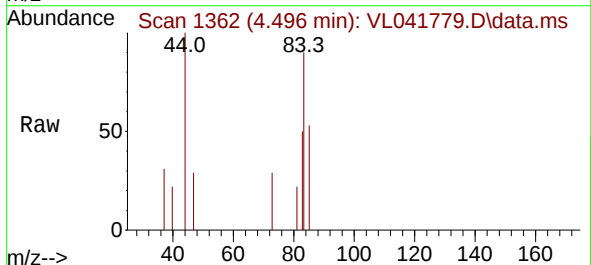


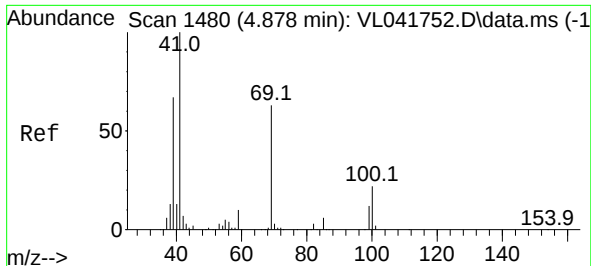
Tgt Ion: 42 Resp: 24
Ion Ratio Lower Upper
42 100
72 0.0 29.1 43.7#
71 0.0 28.4 42.6#



#42
Bromodichloromethane
Concen: 0.024 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.013 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

Tgt Ion: 83 Resp: 245
Ion Ratio Lower Upper
83 100
85 37.8 48.0 72.0#
127 0.0 5.8 8.8#





#43

Methyl Methacrylate

Concen: 0.015 ppbv

RT: 4.894 min Scan# 1411

Delta R.T. 0.016 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

ClientSampleId :

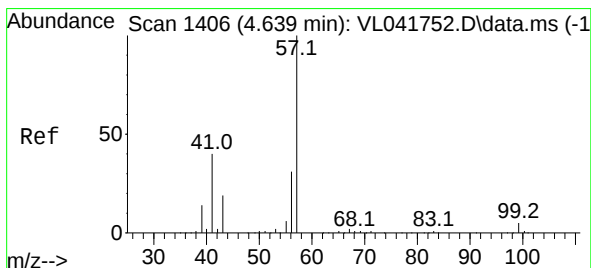
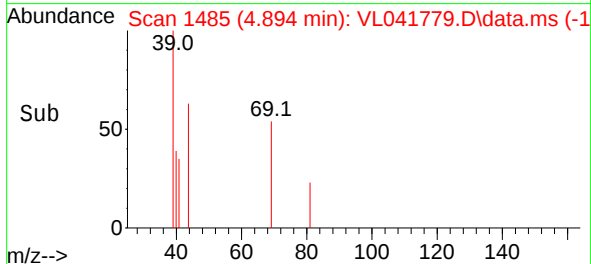
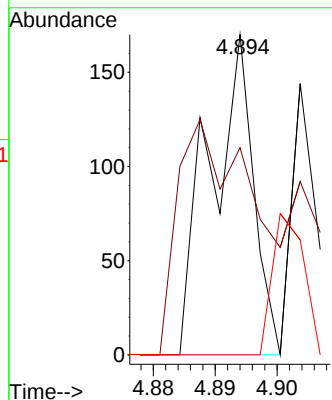
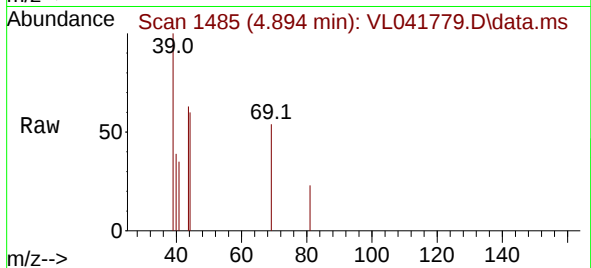
Tgt Ion: 69 Resp: 83

Ion Ratio Lower Upper

69 100

41 184.3 130.3 195.5

100 0.0 28.3 42.5#



#44

2,2,4-Trimethylpentane

Concen: 0.010 ppbv

RT: 4.654 min Scan# 1411

Delta R.T. 0.016 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

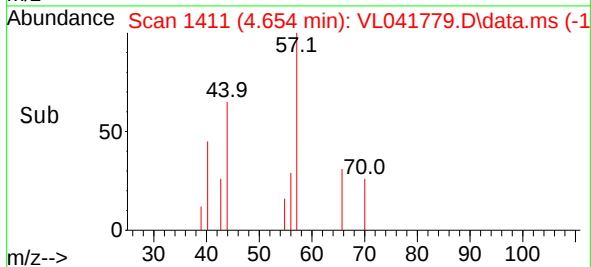
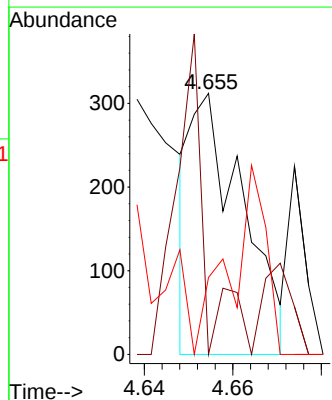
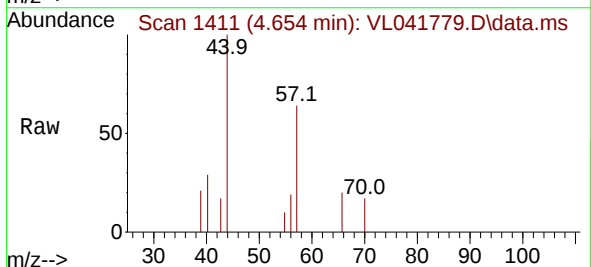
Tgt Ion: 57 Resp: 256

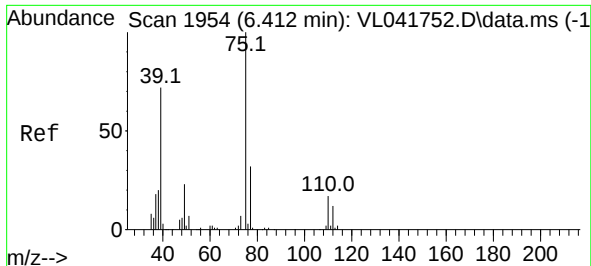
Ion Ratio Lower Upper

57 100

41 99.2 30.7 46.1#

56 0.0 25.4 38.0#





#45

t-1,3-Dichloropropene

Concen: 0.005 ppbv

RT: 6.428 min Scan# 11

Delta R.T. 0.016 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

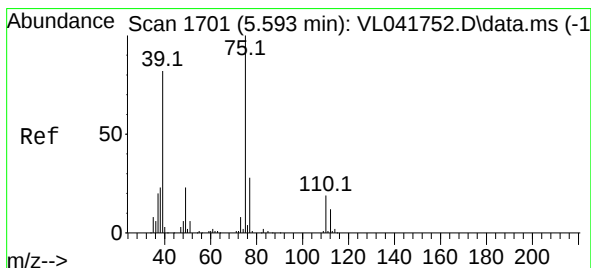
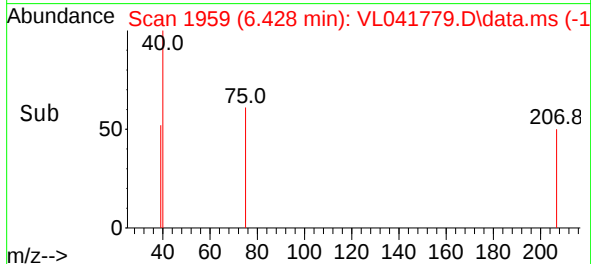
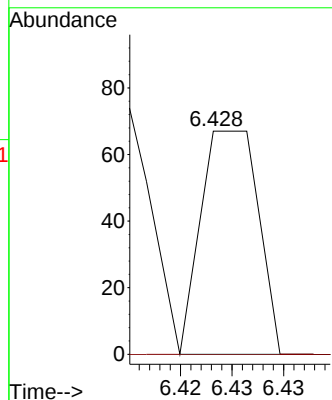
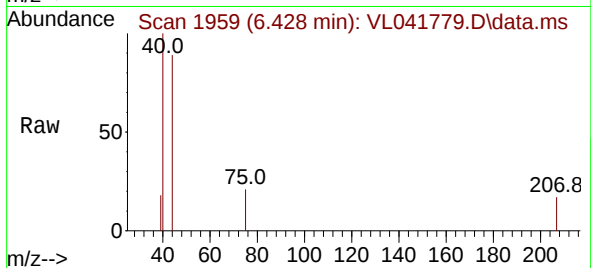
ClientSampleId :

Tgt Ion: 75 Resp: 26

Ion Ratio Lower Upper

75 100

77 0.0 25.9 38.9#



#46

cis-1,3-Dichloropropene

Concen: 0.003 ppbv

RT: 5.609 min Scan# 1706

Delta R.T. 0.016 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

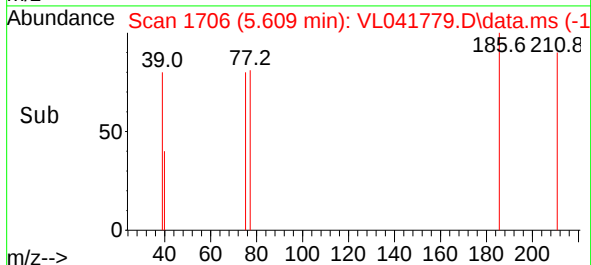
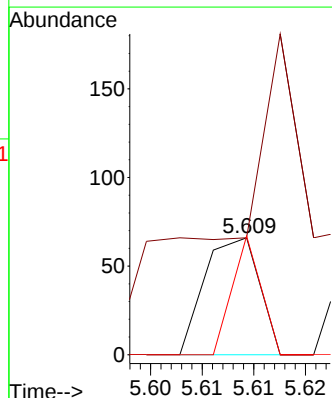
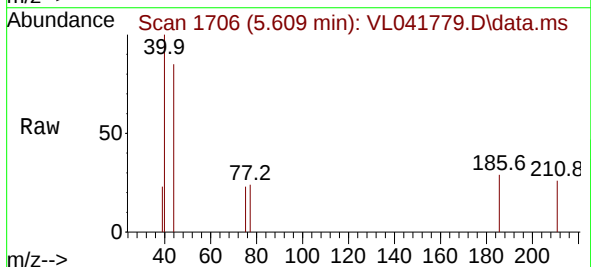
Tgt Ion: 75 Resp: 24

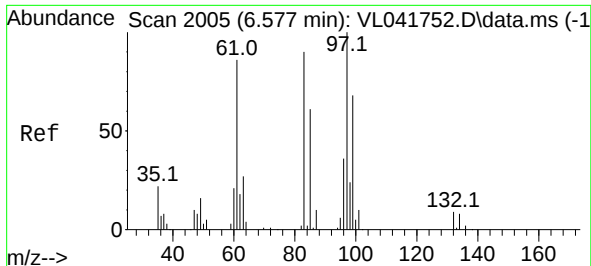
Ion Ratio Lower Upper

75 100

39 0.0 65.2 97.8#

77 101.5 22.0 33.0#





#47

1,1,2-Trichloroethane

Concen: 0.029 ppbv

RT: 6.587 min Scan# 20

Delta R.T. 0.009 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 161

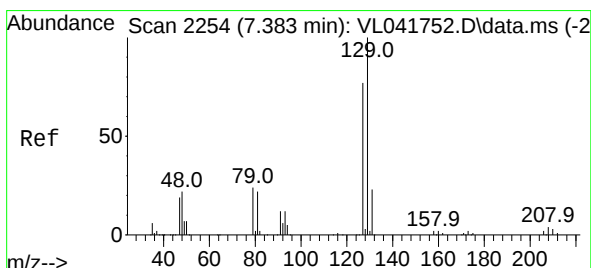
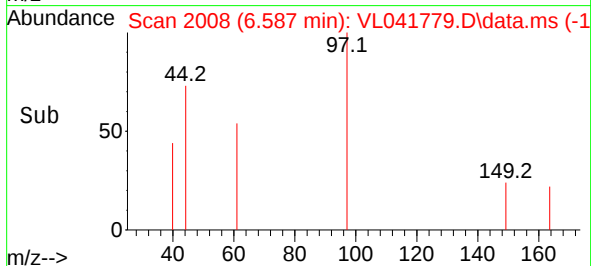
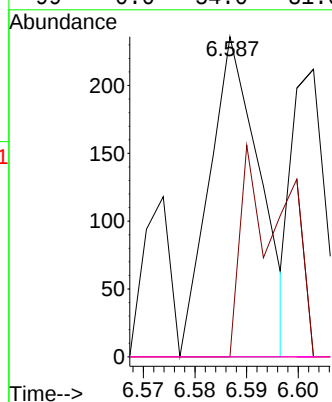
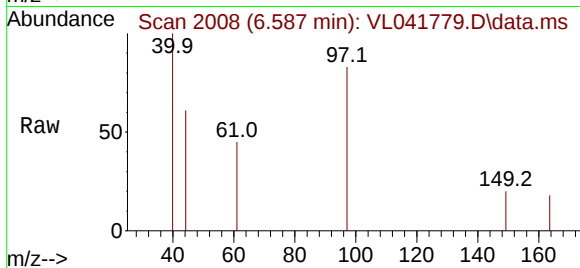
Ion Ratio Lower Upper

97 100

83 0.0 72.3 108.5#

85 0.0 48.5 72.7#

99 0.0 54.0 81.0#



#48

Dibromochloromethane

Concen: 0.006 ppbv

RT: 7.396 min Scan# 2258

Delta R.T. 0.013 min

Lab File: VL041779.D

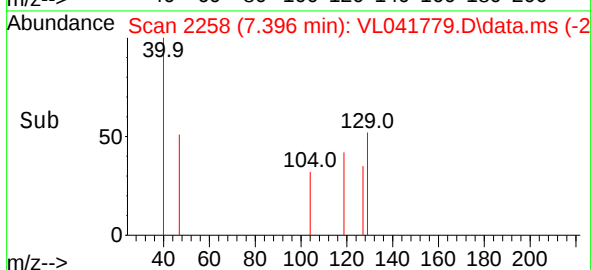
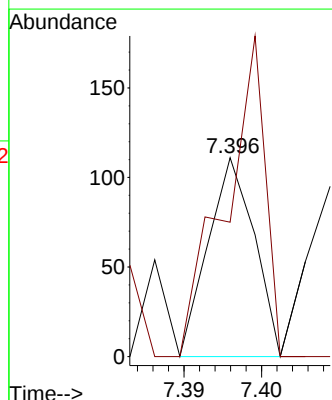
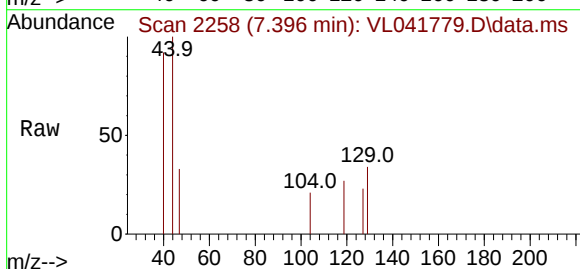
Acq: 17 Dec 2024 15:15

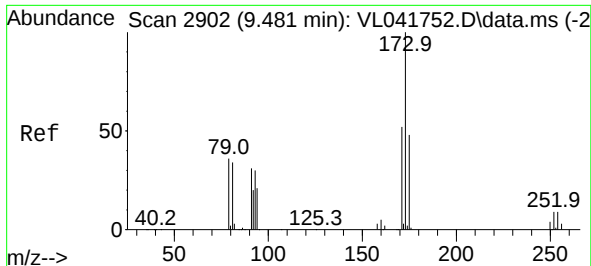
Tgt Ion:129 Resp: 46

Ion Ratio Lower Upper

129 100

127 163.0 38.8 116.3#





#49

Bromoform

Concen: 0.007 ppbv

RT: 9.500 min Scan# 20

Delta R.T. 0.019 min

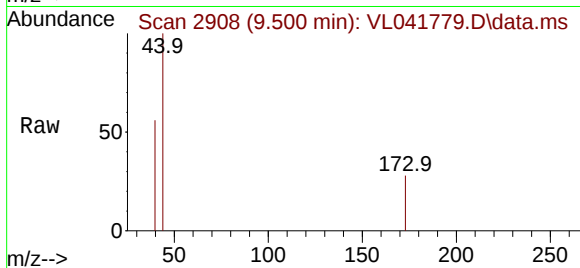
Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

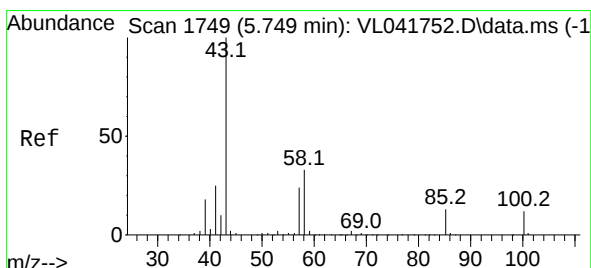
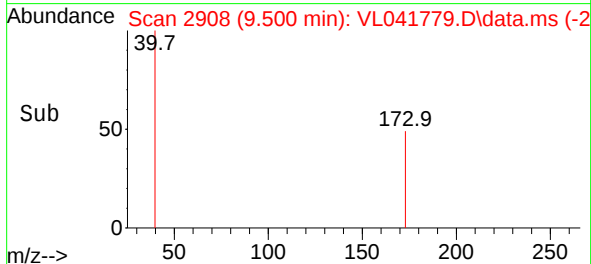
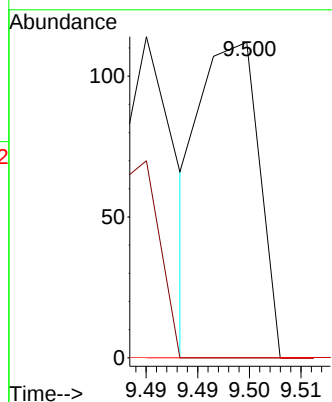
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	173	Resp:	43
Ion	Ratio	Lower	Upper
173	100		
175	0.0	38.2	57.2#
171	0.0	41.1	61.7#



#50

4-Methyl-2-Pentanone

Concen: 0.005 ppbv

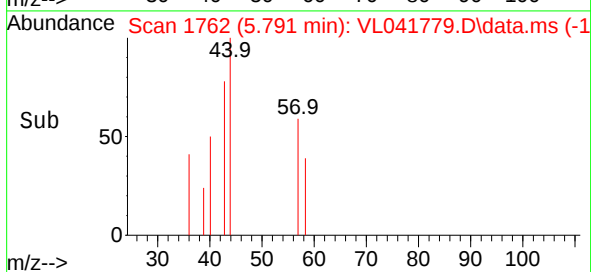
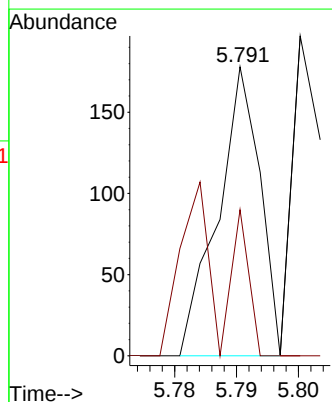
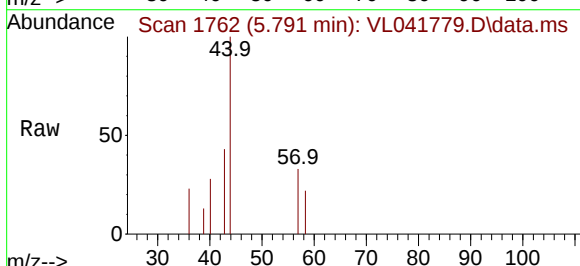
RT: 5.791 min Scan# 1762

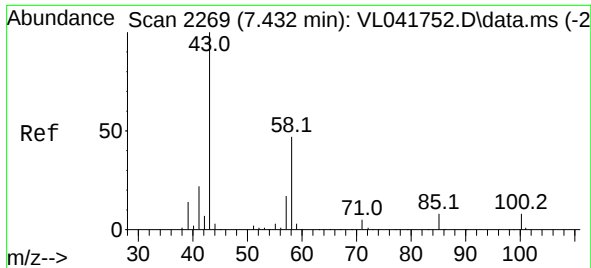
Delta R.T. 0.042 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Tgt Ion:	43	Resp:	84
Ion	Ratio	Lower	Upper
43	100		
58	60.7	26.8	40.2#

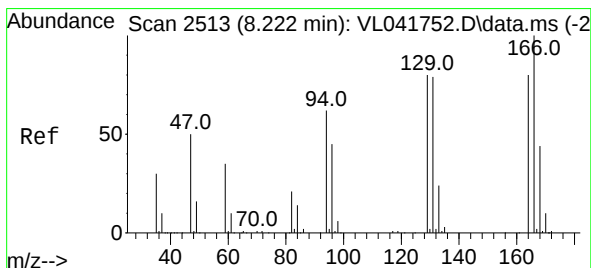
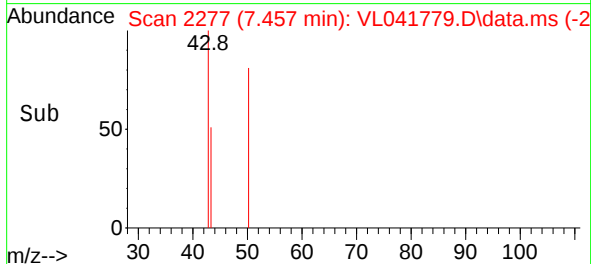
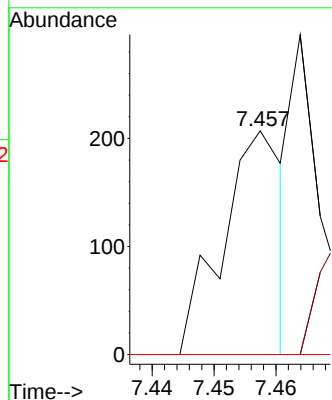
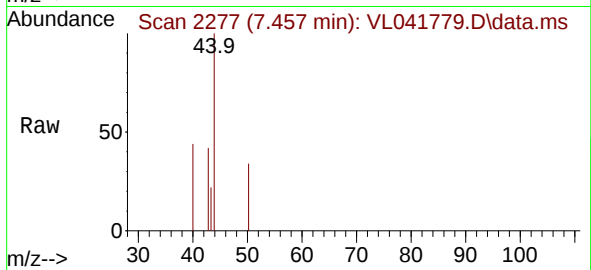




#51
2-Hexanone
Concen: 0.011 ppbv
RT: 7.457 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

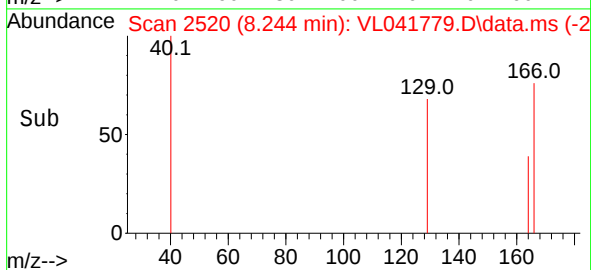
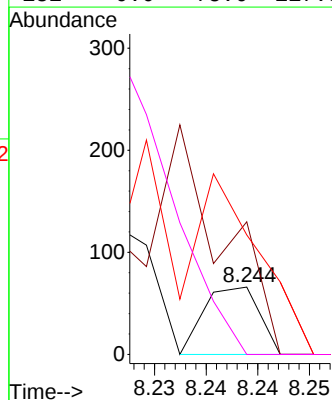
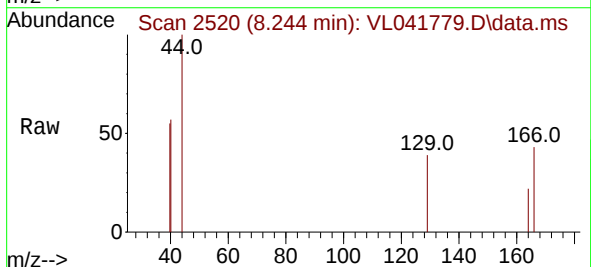
Instrument :
MSVOA_L
ClientSampleId :

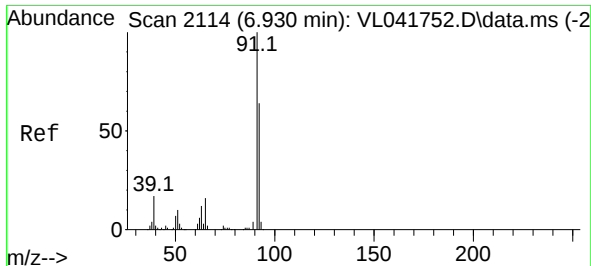
Tgt Ion: 43 Resp: 141
Ion Ratio Lower Upper
43 100
58 0.0 36.6 55.0#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.005 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. 0.022 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

Tgt Ion:164 Resp: 25
Ion Ratio Lower Upper
164 100
166 197.0 99.8 149.6#
129 95.5 79.6 119.4
131 0.0 78.6 117.8#





#53

Toluene

Concen: 0.007 ppbv

RT: 6.949 min Scan# 2114

Delta R.T. 0.019 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

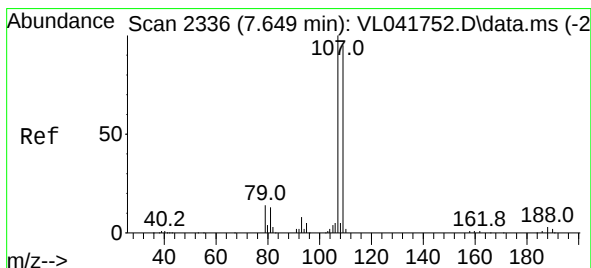
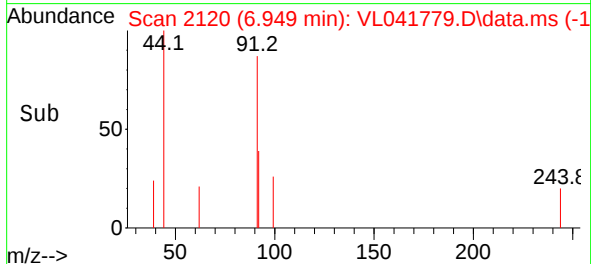
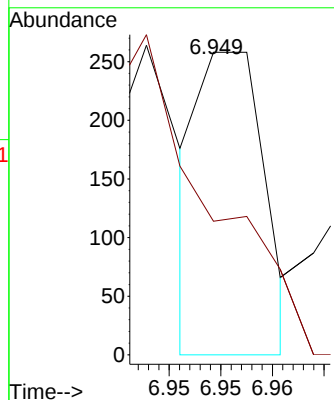
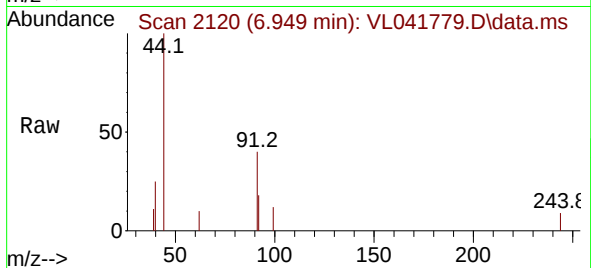
ClientSampleId :

Tgt Ion: 91 Resp: 113

Ion Ratio Lower Upper

91 100

92 0.0 47.9 71.9#



#54

1,2-Dibromoethane

Concen: 0.023 ppbv

RT: 7.668 min Scan# 2342

Delta R.T. 0.019 min

Lab File: VL041779.D

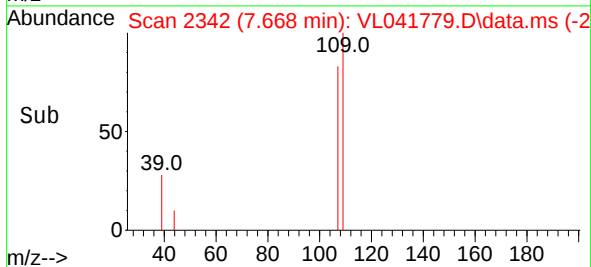
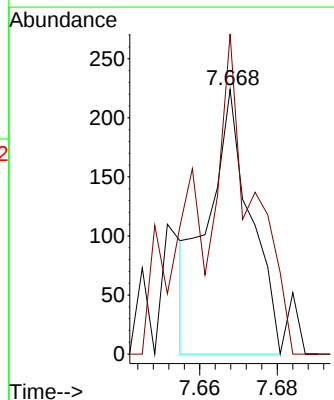
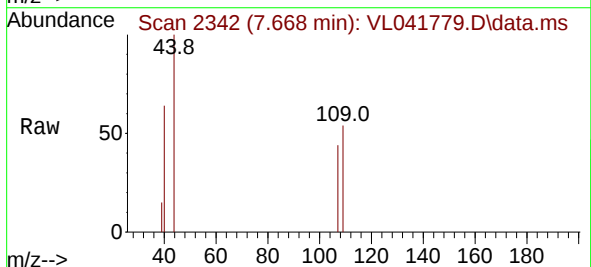
Acq: 17 Dec 2024 15:15

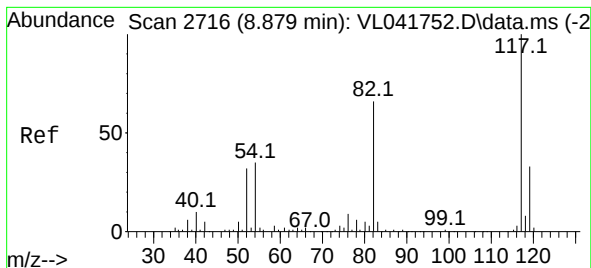
Tgt Ion:107 Resp: 170

Ion Ratio Lower Upper

107 100

109 90.2 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 2716

Delta R.T. 0.013 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

ClientSampleId :

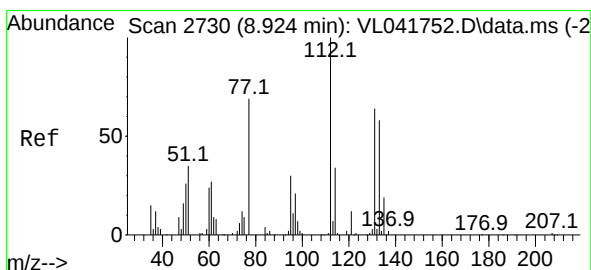
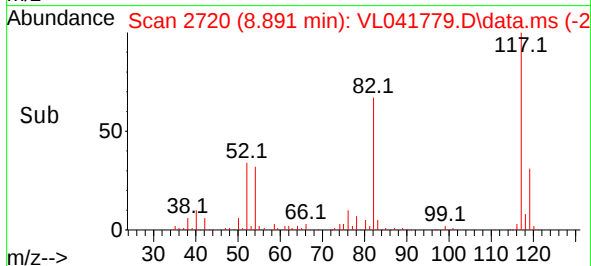
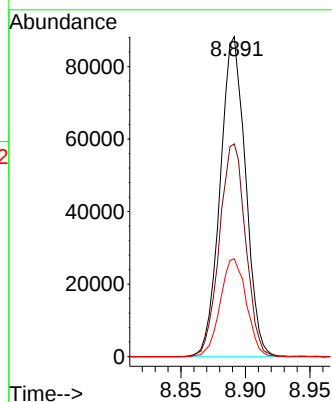
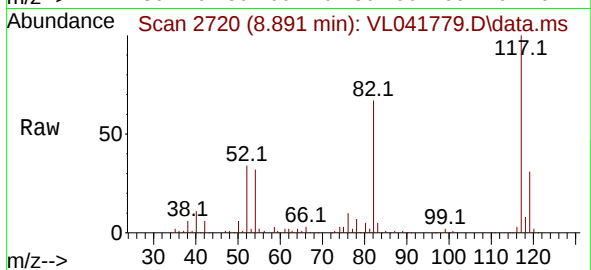
Tgt Ion:117 Resp: 120390

Ion Ratio Lower Upper

117 100

82 68.7 53.8 80.8

119 31.7 26.7 40.1



#56

1,1,1,2-Tetrachloroethane

Concen: 0.030 ppbv

RT: 8.937 min Scan# 2734

Delta R.T. 0.013 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

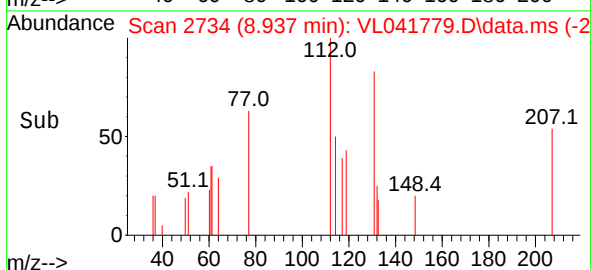
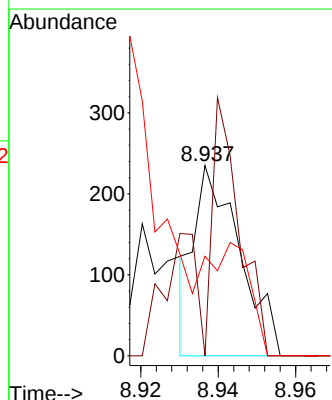
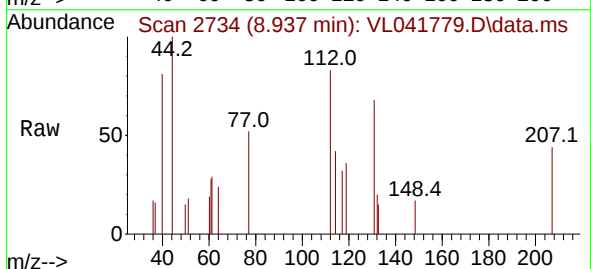
Tgt Ion:131 Resp: 192

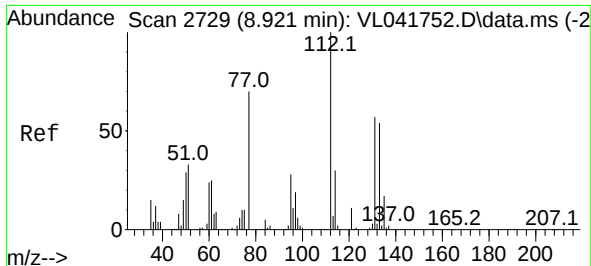
Ion Ratio Lower Upper

131 100

133 126.6 76.8 115.2#

119 0.0 49.0 73.6#





#57

Chlorobenzene

Concen: 0.018 ppbv

RT: 8.933 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL041779.D

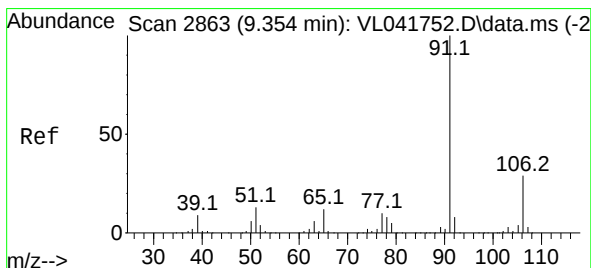
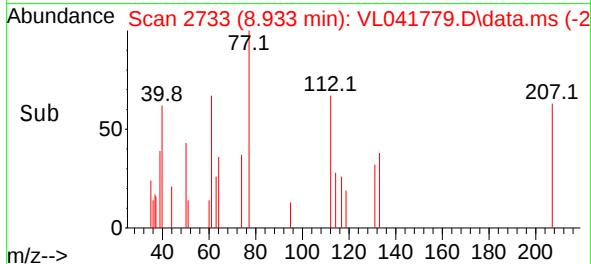
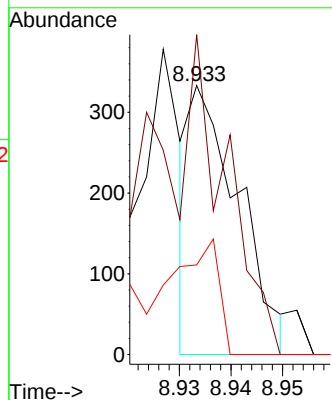
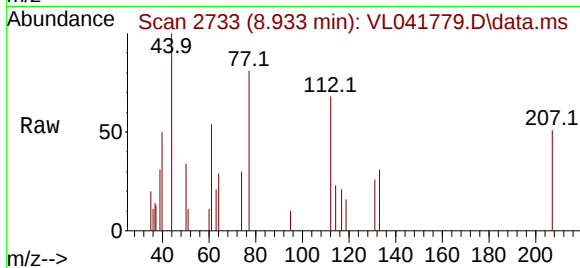
Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:112	Resp:	220
Ion	Ratio	Lower Upper
112	100	
77	139.9	57.4 86.0#
114	39.2	27.4 33.4#



#58

Ethyl Benzene

Concen: 0.011 ppbv

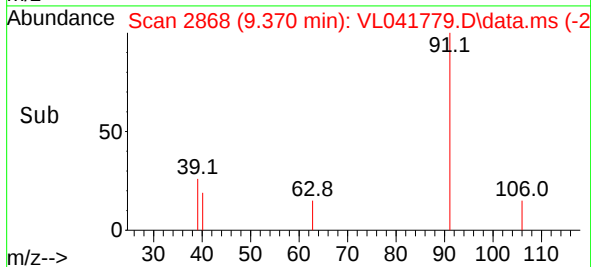
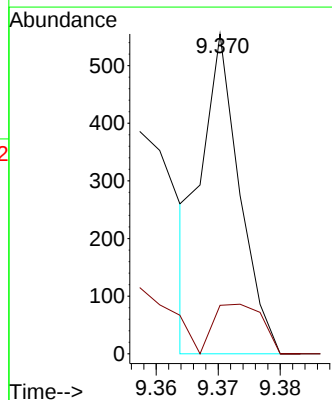
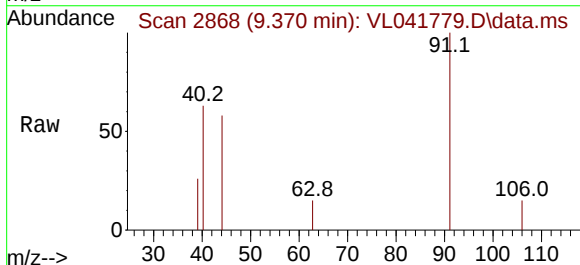
RT: 9.370 min Scan# 2868

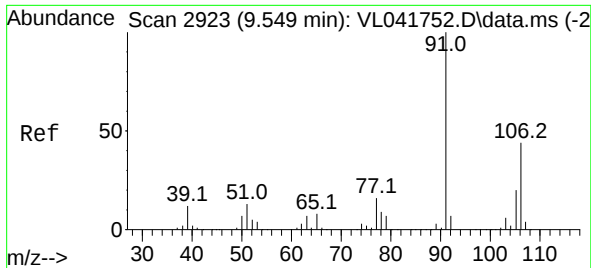
Delta R.T. 0.016 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

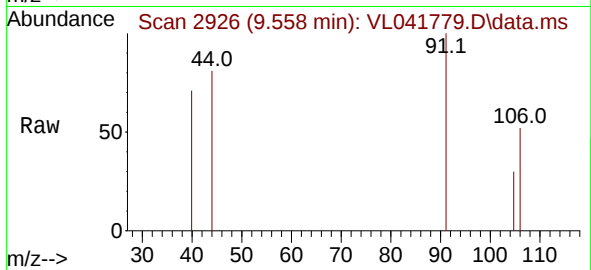
Tgt Ion: 91	Resp:	235
Ion	Ratio	Lower Upper
91	100	
106	15.1	23.5 35.3#



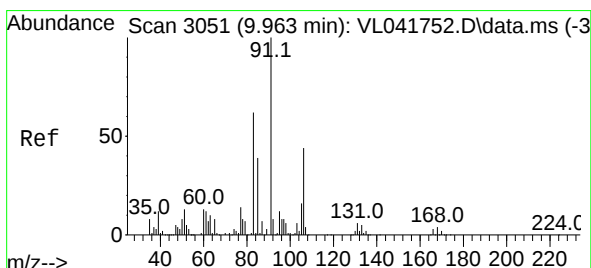
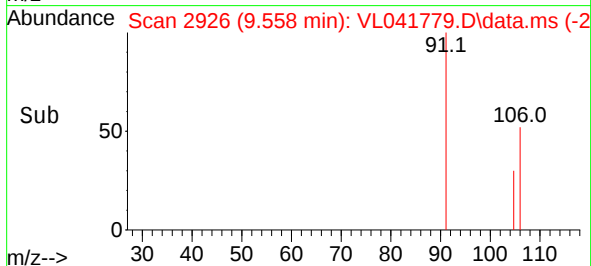
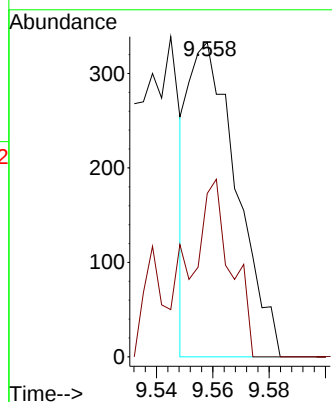


#59
m/p-Xylene
Concen: 0.023 ppbv
RT: 9.558 min Scan# 2926
Delta R.T. 0.009 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

Instrument :
MSVOA_L
ClientSampleId :

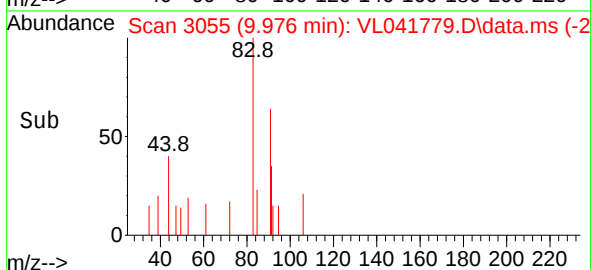
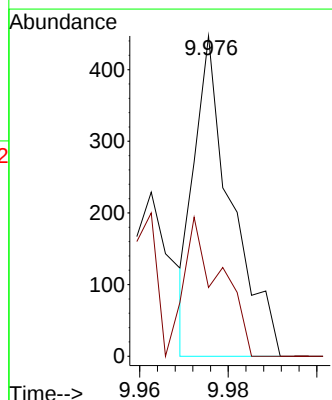
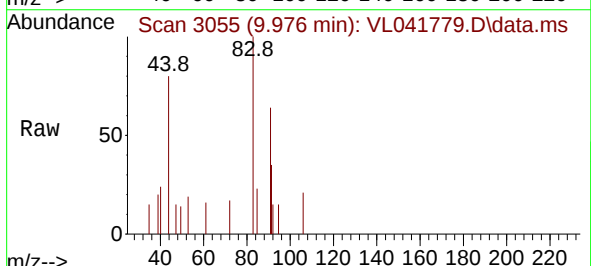


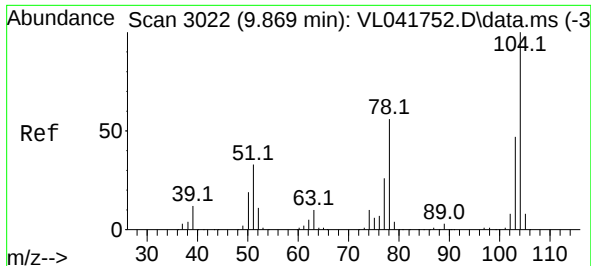
Tgt Ion: 91 Resp: 397
Ion Ratio Lower Upper
91 100
106 65.7 0.0 0.0#



#60
o-Xylene
Concen: 0.015 ppbv
RT: 9.976 min Scan# 3055
Delta R.T. 0.013 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

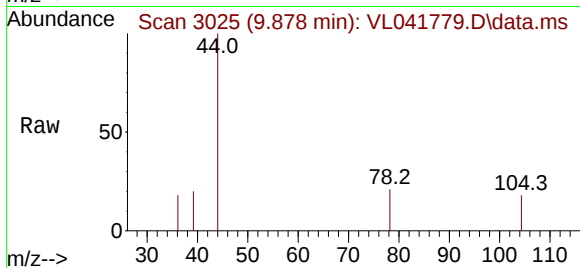
Tgt Ion: 91 Resp: 258
Ion Ratio Lower Upper
91 100
106 0.0 21.1 63.4#



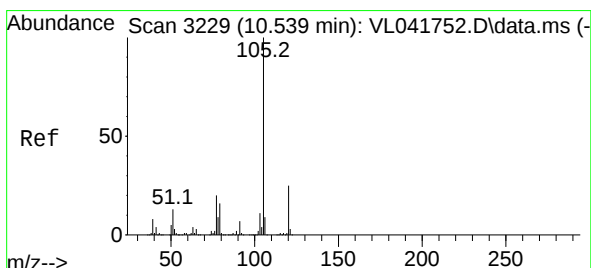
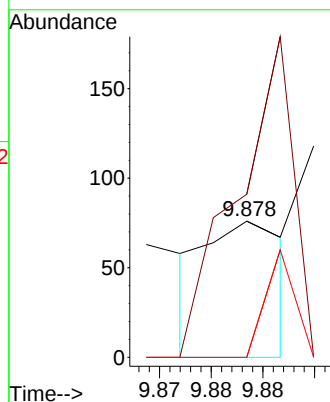
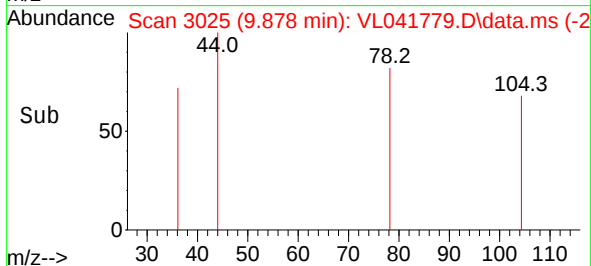


#61
Styrene
Concen: 0.005 ppbv
RT: 9.878 min Scan# 3180
Delta R.T. 0.009 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

Instrument :
MSVOA_L
ClientSampleId :

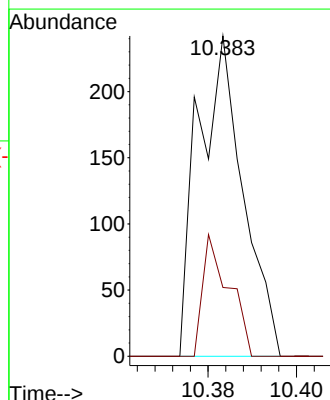
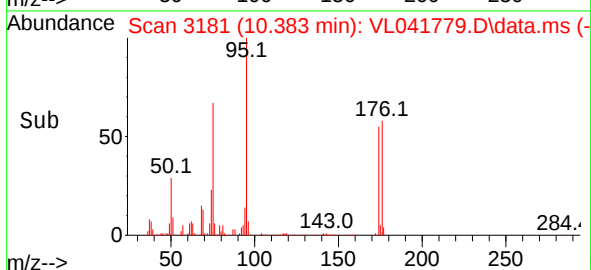
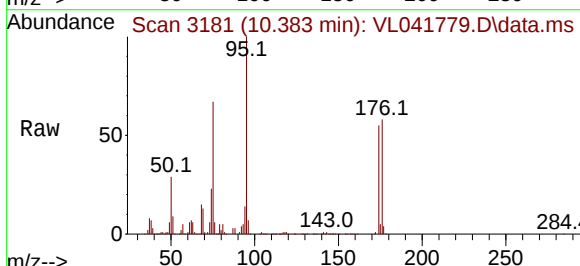


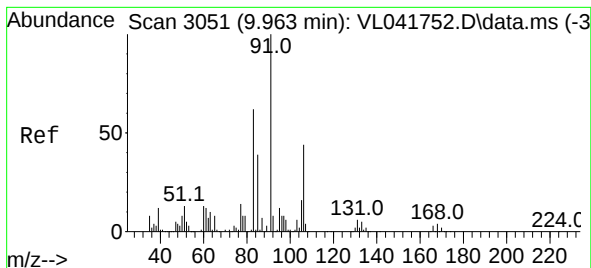
Tgt Ion:104 Resp: 40
Ion Ratio Lower Upper
104 100
78 170.0 43.8 65.6#
103 0.0 37.8 56.6#



#62
Isopropylbenzene
Concen: 0.007 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. -0.156 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

Tgt Ion:105 Resp: 171
Ion Ratio Lower Upper
105 100
120 22.2 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 0.043 ppbv

RT: 9.976 min Scan# 3051

Delta R.T. 0.013 min

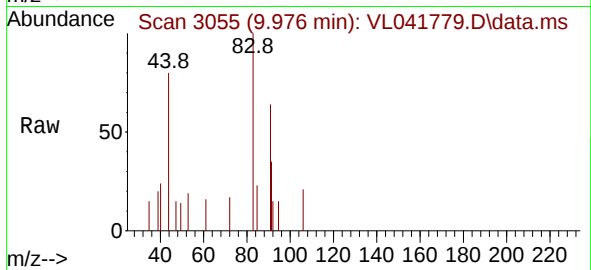
Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

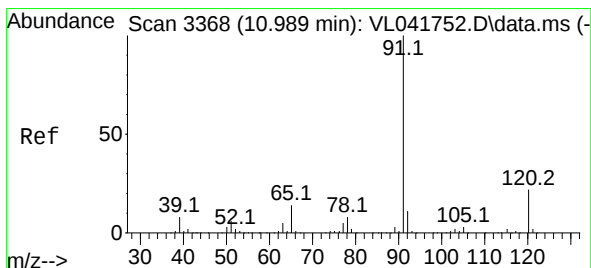
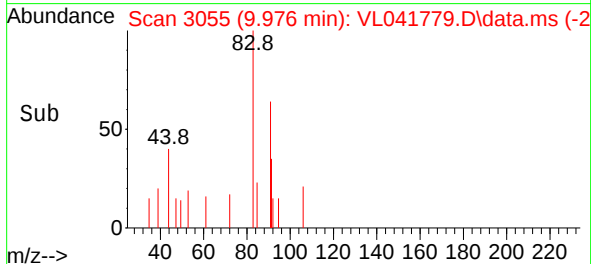
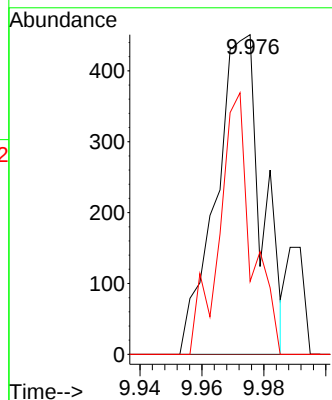
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 83	Resp:	465
Ion Ratio	Lower	Upper
83	100	
131	0.0	4.9
85	58.1	32.0
		96.2



#64

n-propylbenzene

Concen: 0.027 ppbv

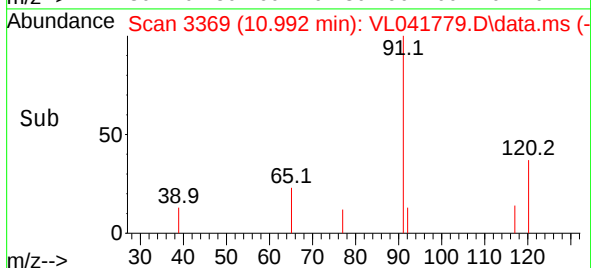
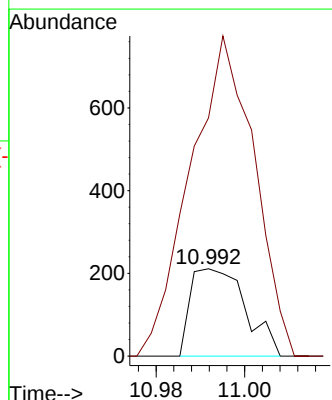
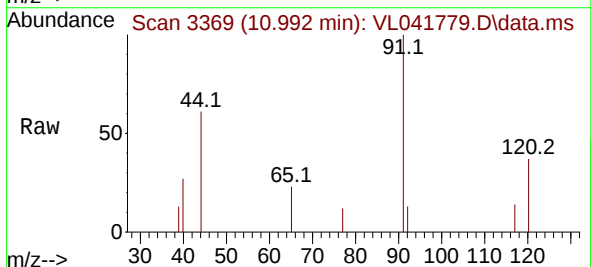
RT: 10.992 min Scan# 3369

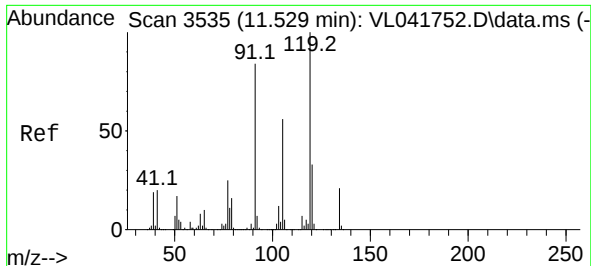
Delta R.T. 0.003 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Tgt Ion: 120	Resp:	182
Ion Ratio	Lower	Upper
120	100	
91	442.9	387.3
		580.9





#65

tert-Butylbenzene

Concen: 0.009 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. 0.003 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

ClientSampleId :

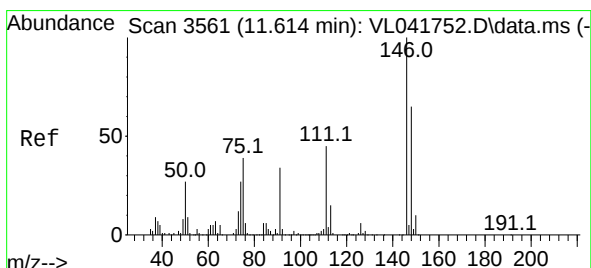
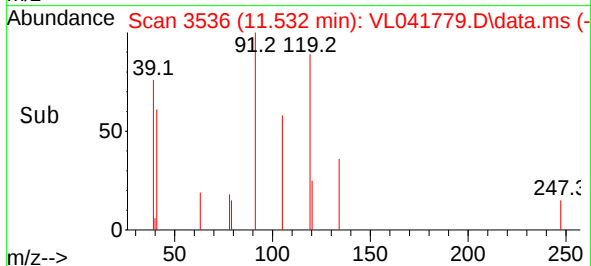
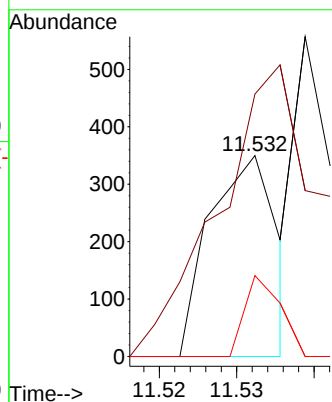
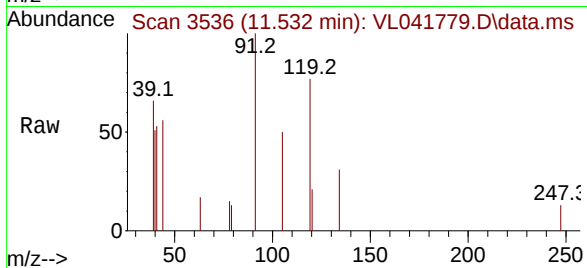
Tgt Ion:119 Resp: 211

Ion Ratio Lower Upper

119 100

91 0.0 67.0 100.4#

134 0.0 16.5 24.7#



#66

Benzyl Chloride

Concen: 0.254 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. -0.078 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

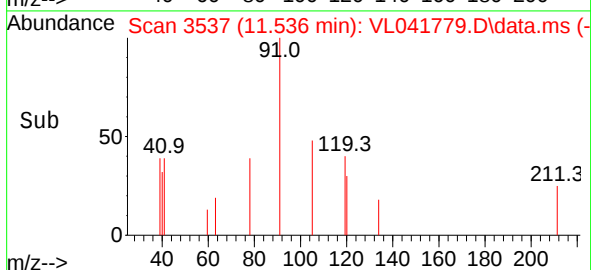
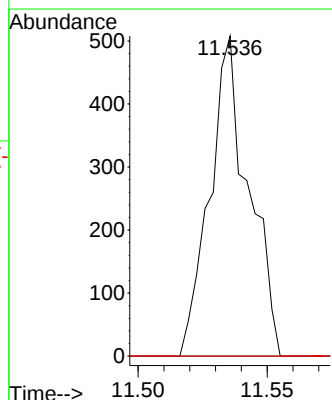
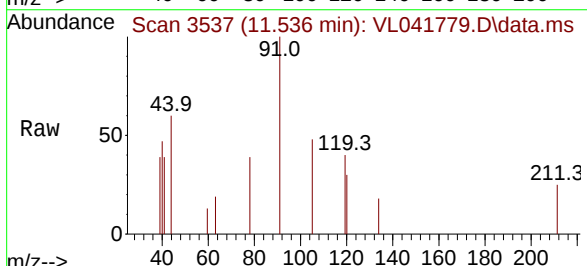
Tgt Ion: 91 Resp: 531

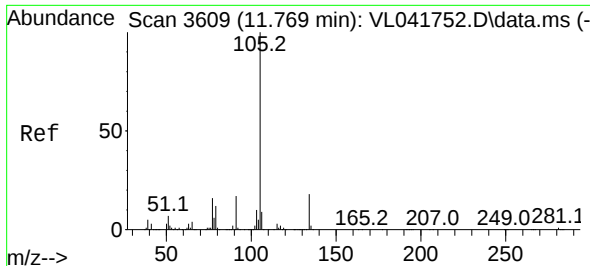
Ion Ratio Lower Upper

91 100

126 0.0 13.9 20.9#

128 0.0 4.4 6.6#





#67

sec-Butylbenzene

Concen: 0.017 ppbv

RT: 11.775 min Scan# 3611

Delta R.T. 0.006 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

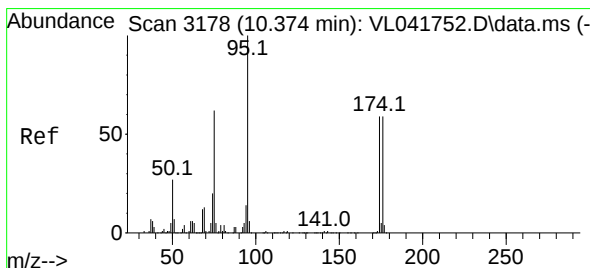
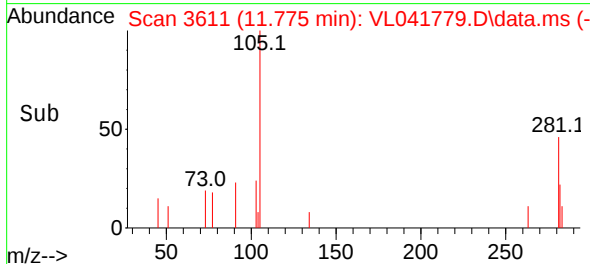
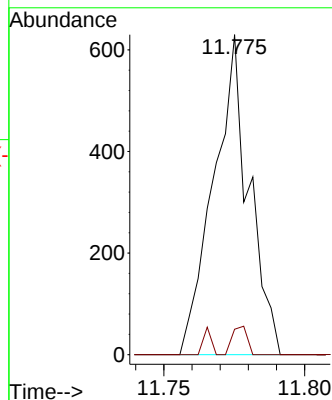
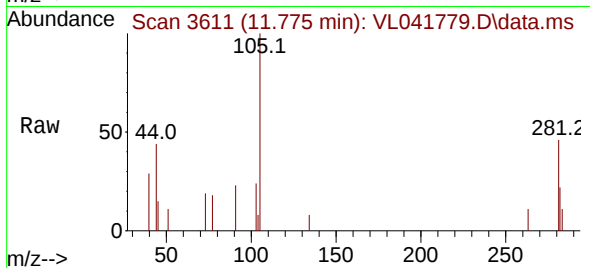
ClientSampleId :

Tgt Ion:105 Resp: 550

Ion Ratio Lower Upper

105 100

134 11.8 14.5 21.7#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.641 ppbv

RT: 10.383 min Scan# 3181

Delta R.T. 0.009 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

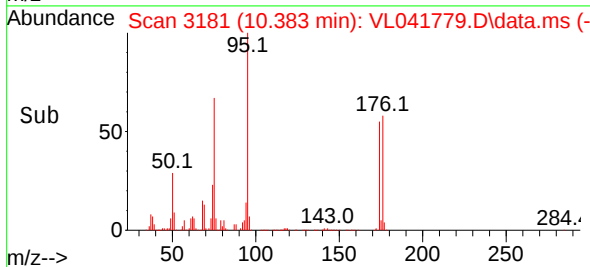
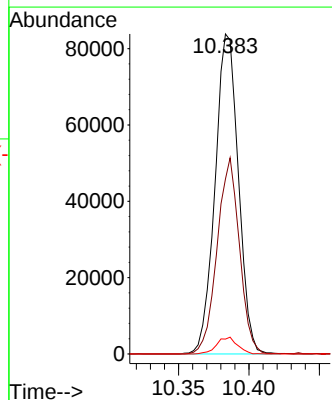
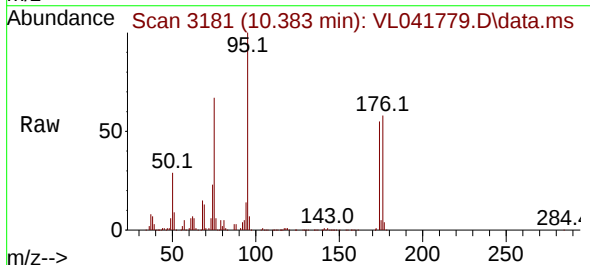
Tgt Ion: 95 Resp: 96719

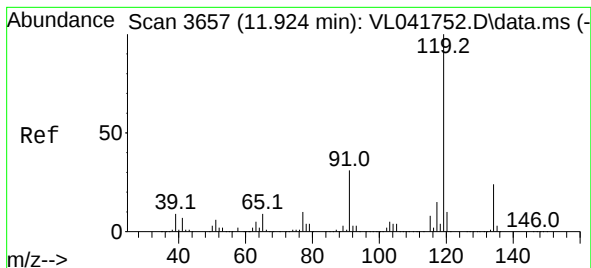
Ion Ratio Lower Upper

95 100

174 58.9 47.6 71.4

175 4.7 3.7 5.5





#69

p-Isopropyltoluene

Concen: 0.004 ppbv

RT: 11.937 min Scan# 3

Delta R.T. 0.013 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

ClientSampleId :

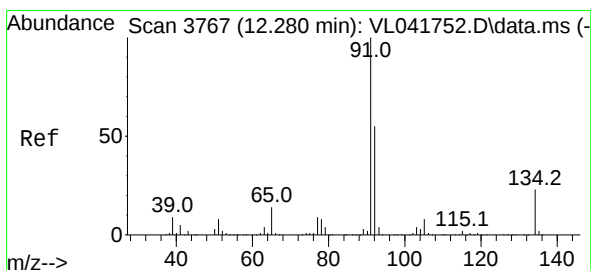
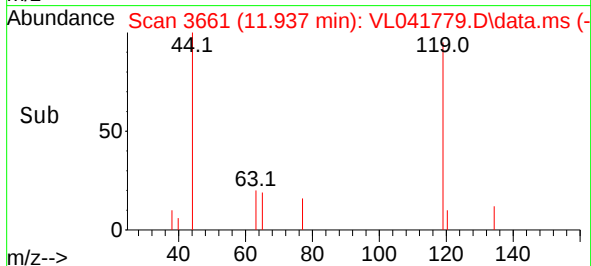
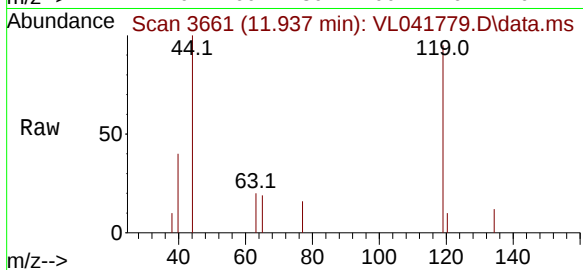
Tgt Ion:119 Resp: 120

Ion Ratio Lower Upper

119 100

134 0.0 19.6 29.4#

91 82.5 24.4 36.6#



#70

n-Butylbenzene

Concen: 0.018 ppbv

RT: 12.290 min Scan# 3770

Delta R.T. 0.009 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

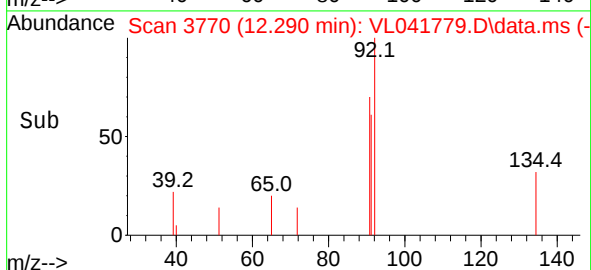
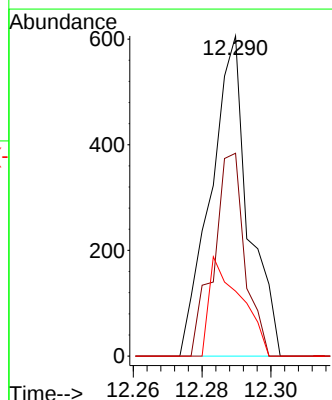
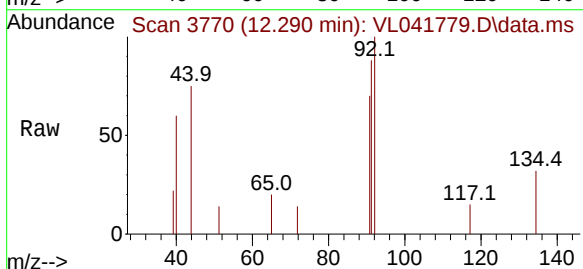
Tgt Ion: 91 Resp: 460

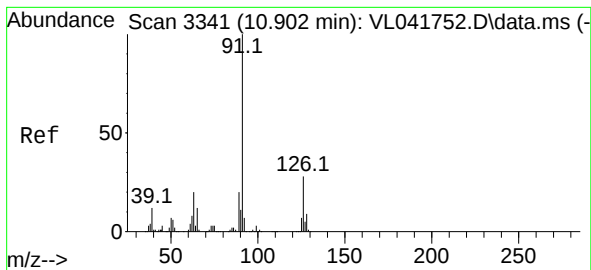
Ion Ratio Lower Upper

91 100

92 52.6 43.2 64.8

134 25.9 18.2 27.4

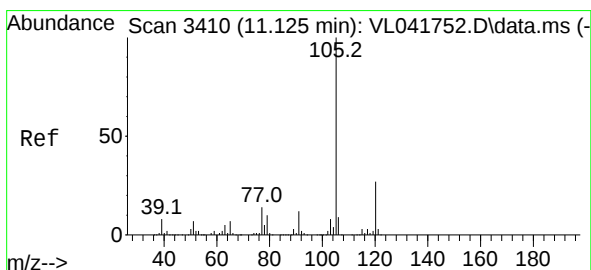
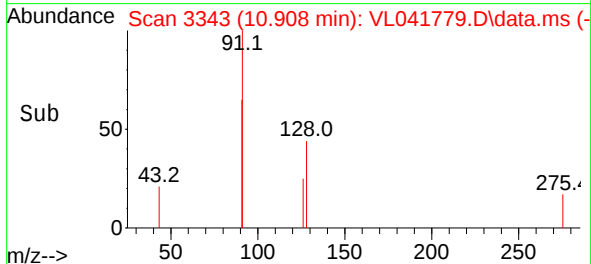
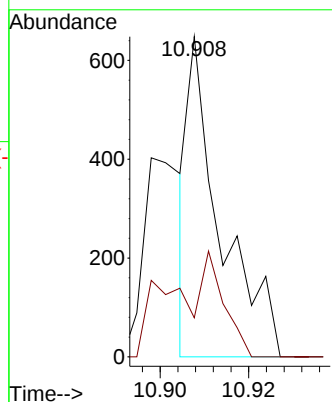
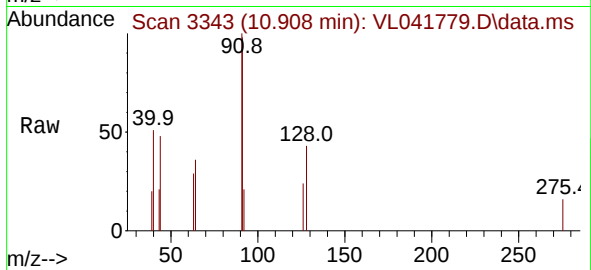




#71
2-Chlorotoluene
Concen: 0.016 ppbv
RT: 10.908 min Scan# 3412
Delta R.T. 0.006 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

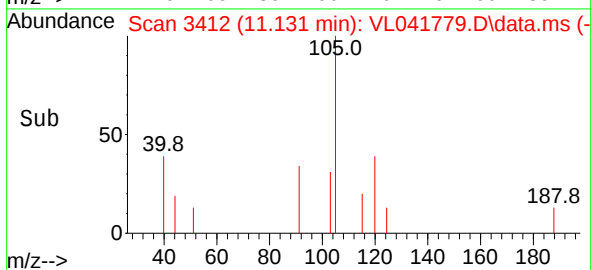
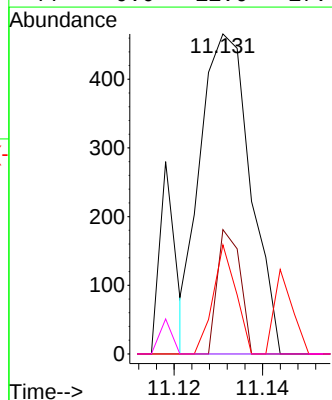
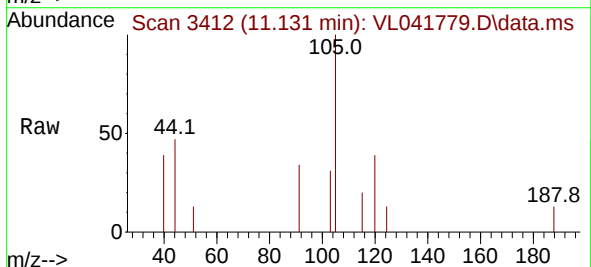
Instrument :
MSVOA_L
ClientSampleId :

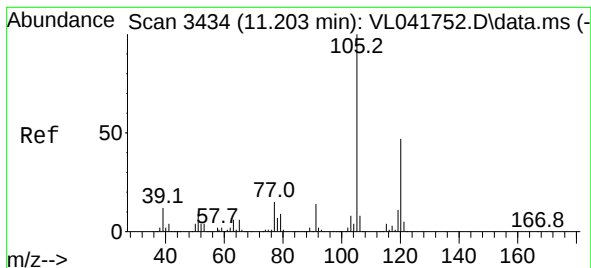
Tgt Ion: 91 Resp: 330
Ion Ratio Lower Upper
91 100
126 51.8 11.6 46.4#



#72
4-Ethyltoluene
Concen: 0.018 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.006 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

Tgt Ion:105 Resp: 367
Ion Ratio Lower Upper
105 100
120 17.7 23.3 34.9#
91 25.1 10.9 16.3#
77 0.0 11.6 17.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.005 ppbv

RT: 11.218 min Scan# 3439

Delta R.T. 0.016 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

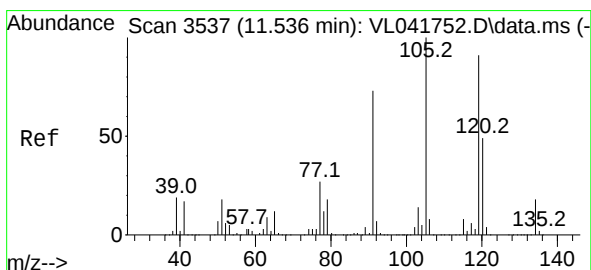
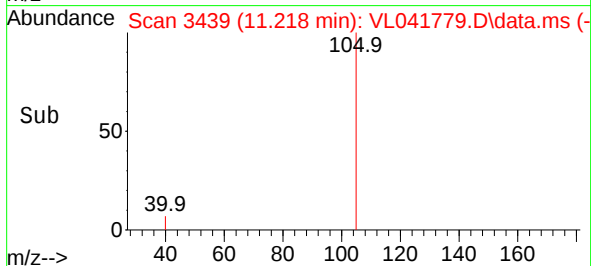
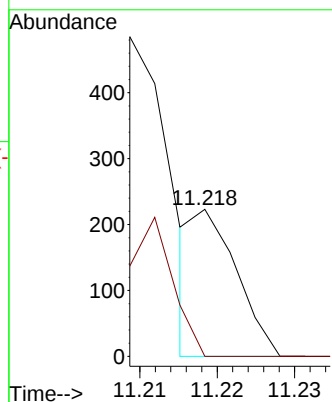
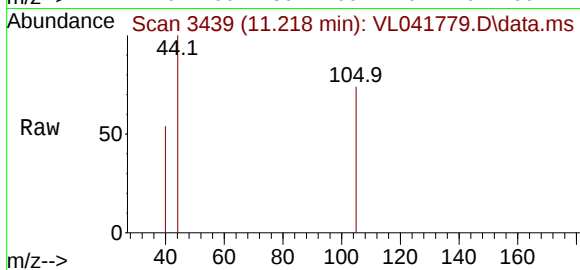
ClientSampleId :

Tgt Ion:105 Resp: 85

Ion Ratio Lower Upper

105 100

120 0.0 37.4 56.2#



#74

1,2,4-Trimethylbenzene

Concen: 0.009 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. 0.016 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Tgt Ion:105 Resp: 166

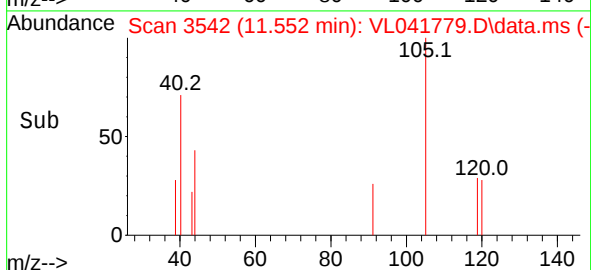
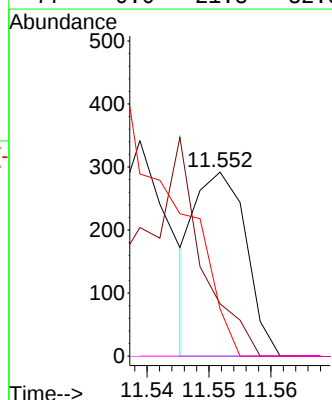
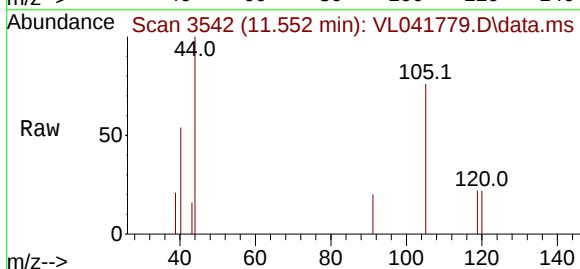
Ion Ratio Lower Upper

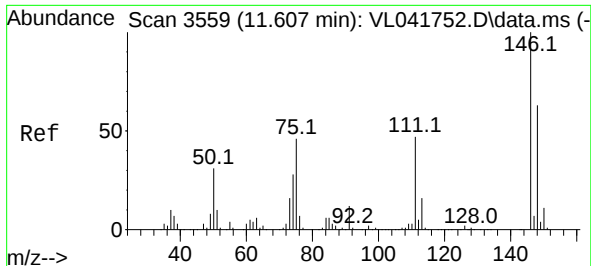
105 100

120 28.4 39.0 58.4#

91 25.7 58.1 87.1#

77 0.0 21.8 32.8#





#75

1,3-Dichlorobenzene

Concen: 0.027 ppbv

RT: 11.617 min Scan# 3562

Delta R.T. 0.009 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

ClientSampleId :

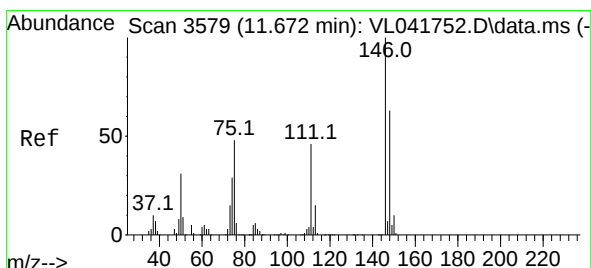
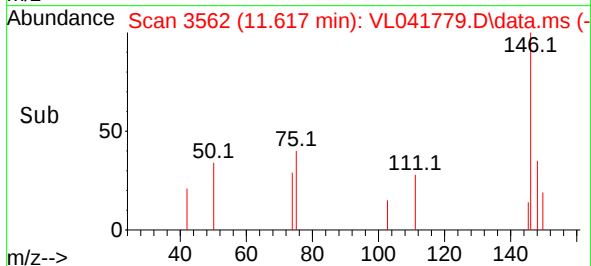
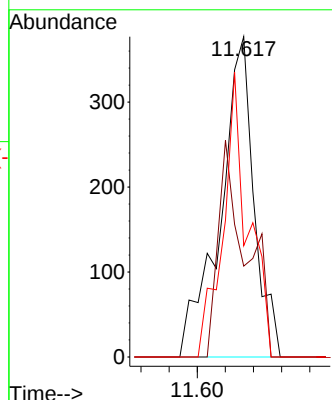
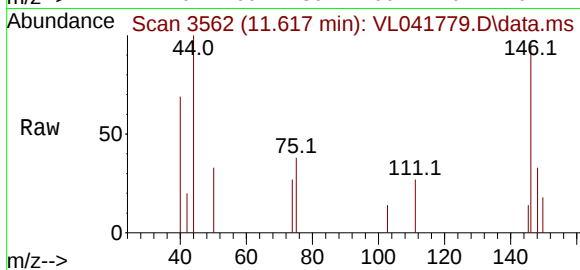
Tgt Ion:146 Resp: 314

Ion Ratio Lower Upper

146 100

111 55.4 23.4 70.3

148 65.6 31.6 95.0



#76

1,4-Dichlorobenzene

Concen: 0.012 ppbv

RT: 11.684 min Scan# 3583

Delta R.T. 0.013 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

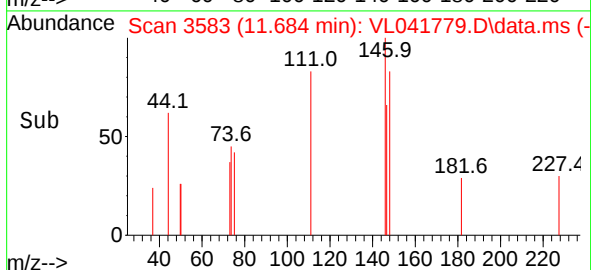
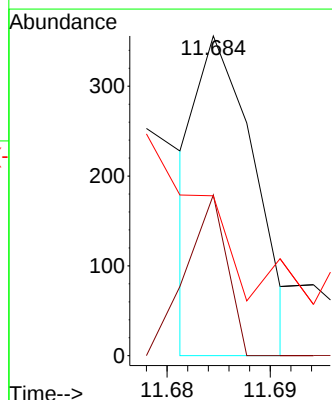
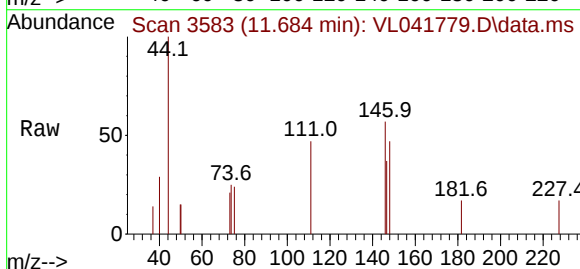
Tgt Ion:146 Resp: 134

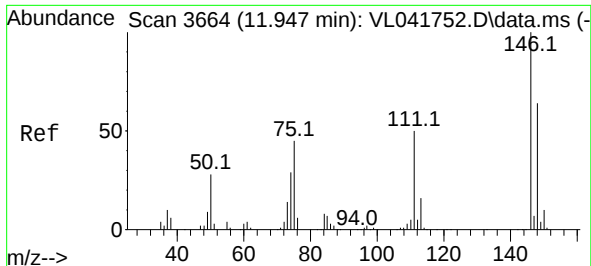
Ion Ratio Lower Upper

146 100

111 0.0 22.7 68.1#

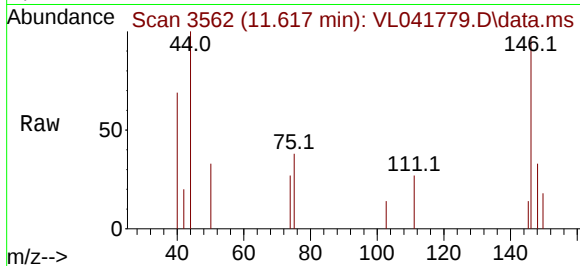
148 0.0 31.4 94.0#



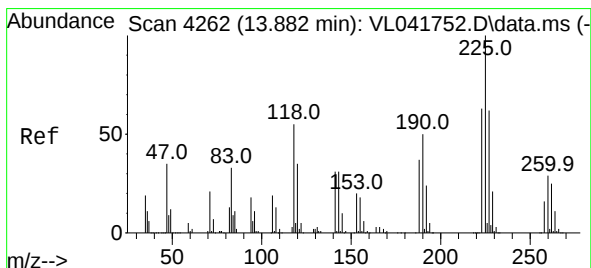
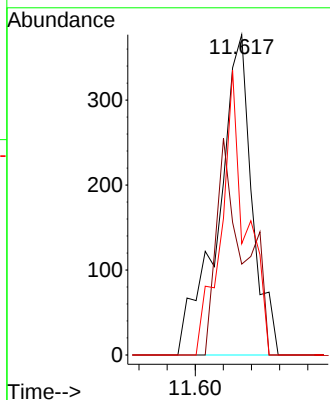
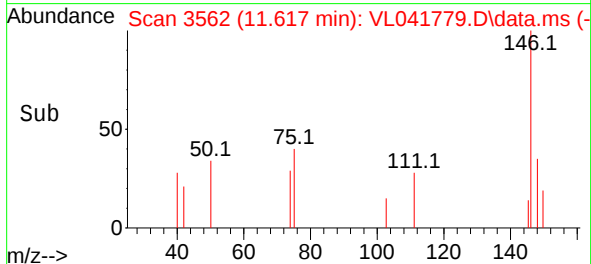


#77
1,2-Dichlorobenzene
Concen: 0.028 ppbv
RT: 11.617 min Scan# 314
Delta R.T. -0.330 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

Instrument :
MSVOA_L
ClientSampleId :

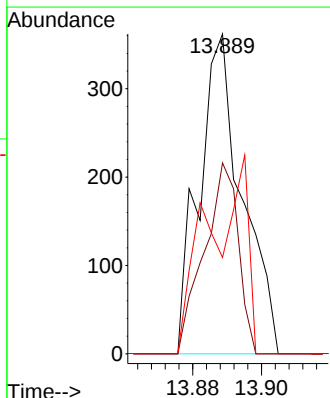
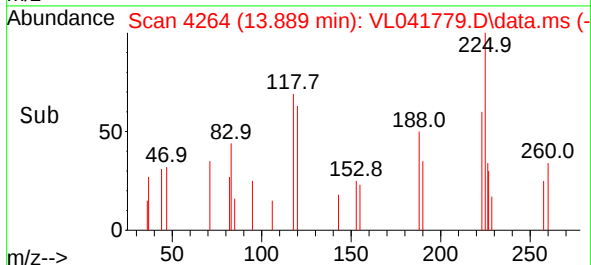
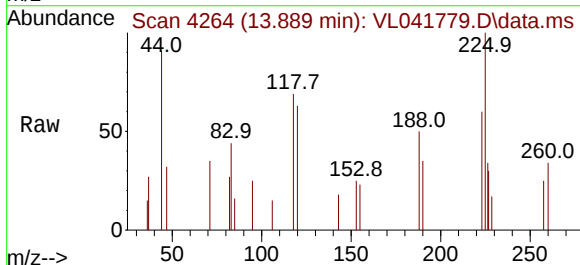


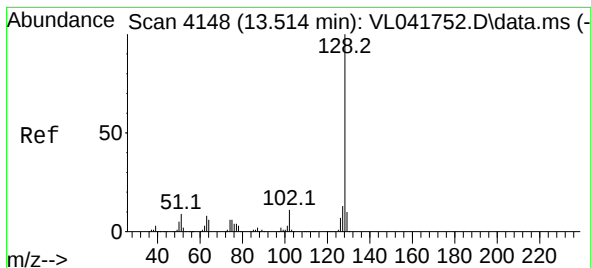
Tgt Ion:146 Resp: 314
Ion Ratio Lower Upper
146 100
111 55.4 24.8 74.3
148 65.6 31.8 95.4



#78
Hexachloro-1,3-Butadiene
Concen: 0.038 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. 0.006 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

Tgt Ion:225 Resp: 314
Ion Ratio Lower Upper
225 100
223 47.1 50.5 75.7#
227 55.7 50.3 75.5





#79

Naphthalene

Concen: 0.025 ppbv

RT: 13.516 min Scan# 4148

Delta R.T. 0.003 min

Lab File: VL041779.D

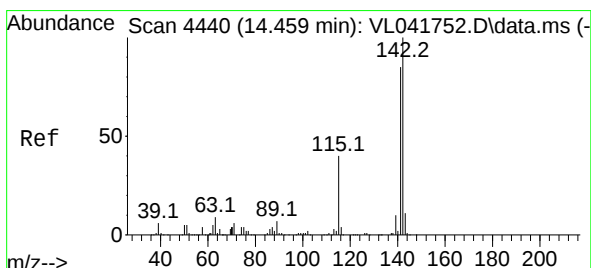
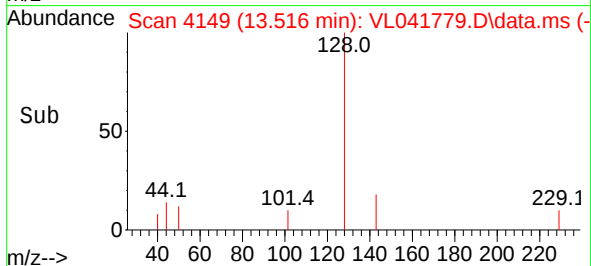
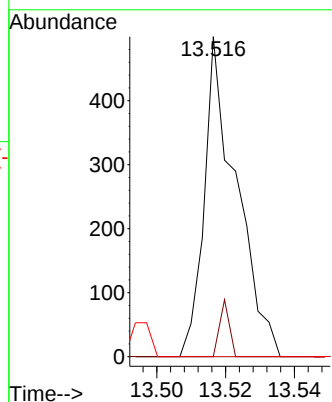
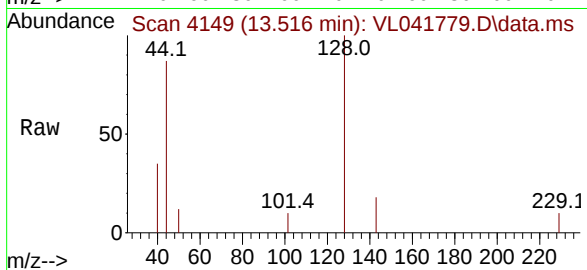
Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:128	Resp:	323
Ion	Ratio	Lower Upper
128	100	
127	0.0	10.7 16.1#
129	0.0	8.2 12.4#



#80

Naphthalene,2-methyl-

Concen: 0.018 ppbv

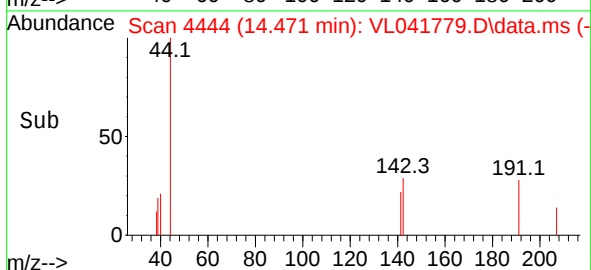
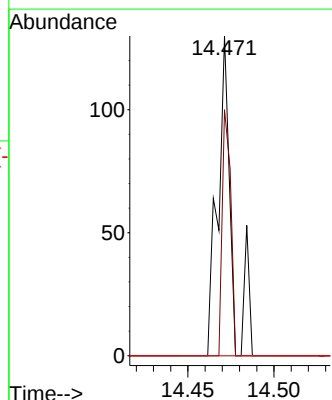
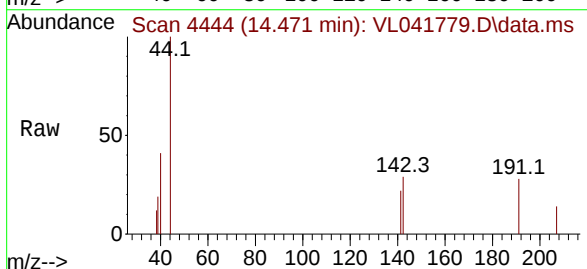
RT: 14.471 min Scan# 4444

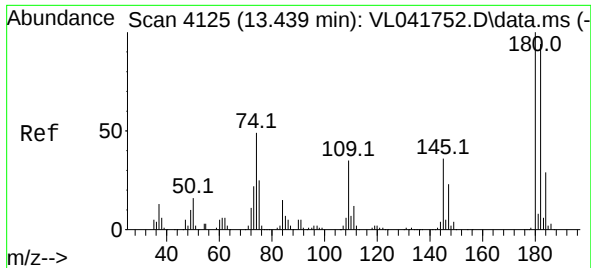
Delta R.T. 0.013 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Tgt Ion:142	Resp:	70
Ion	Ratio	Lower Upper
142	100	
141	48.6	68.4 102.6#
115	0.0	32.5 48.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.034 ppbv

RT: 13.445 min Scan# 41

Delta R.T. 0.006 min

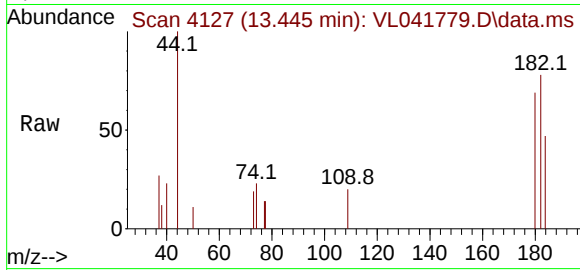
Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 235

Ion Ratio Lower Upper

180 100

182 102.1 77.0 115.6

184 71.5 23.8 35.8#

