

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
 Data File : VL041785.D
 Acq On : 17 Dec 2024 18:21
 Operator : SY/MD
 Sample : VL1217ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 21 01:24:59 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)

Internal Standards						
1) Bromochloromethane	2.787	49	54213	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	140075	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	121094	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	105471	10.452	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	122071	12.654	ppbv	96
3) Chlorodifluoromethane	1.476	51	97620	11.042	ppbv	97
4) Chloromethane	1.535	50	45514	12.059	ppbv	100
5) Vinyl Chloride	1.580	62	41769	10.984	ppbv	99
6) Bromomethane	1.667	94	20050	11.173	ppbv	97
7) Chloroethane	1.706	64	17448	11.812	ppbv	99
8) Dichlorotetrafluoroethane	1.554	85	103546	11.993	ppbv	98
9) Propene	1.483	41	33269	8.682	ppbv	100
10) Heptane	4.988	43	97758	9.932	ppbv	98
11) Trichlorofluoromethane	1.878	101	126103	12.307	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.140	101	91035	11.681	ppbv	97
13) Ethanol	1.722	45	2169	6.836	ppbv	99
14) Bromoethene	1.784	108	30006	11.405	ppbv	98
15) Acetone	1.836	43	102941	9.759	ppbv	98
16) 1,3-Butadiene	1.609	39	50702	12.207	ppbv	92
17) tert-Butyl alcohol	2.039	59	118264	11.302	ppbv	100
18) 1,1-Dichloroethene	2.036	96	37940	11.612	ppbv	94
19) Isopropyl Alcohol	1.887	45	50959	8.051	ppbv #	37
20) Methylene Chloride	2.062	84	32617	10.844	ppbv	97
21) Allyl Chloride	2.098	41	65202	11.397	ppbv	96
22) trans-1,2-Dichloroethene	2.340	96	41460	11.086	ppbv	97
23) Vinyl Acetate	2.463	43	38650	7.891	ppbv #	96
24) 1,1-Dichloroethane	2.408	63	89281	11.793	ppbv	99
25) Ethyl Acetate	2.836	43	202270	10.308	ppbv	99
26) Hexane	2.829	57	75521	10.142	ppbv	95
27) Carbon Disulfide	2.153	76	70287	10.474	ppbv	94
28) Methyl tert-Butyl Ether	2.441	73	60841	10.071	ppbv	99
29) Chloroform	2.852	83	131902	11.623	ppbv	98
30) Cyclohexane	3.858	84	63139	9.965	ppbv	98
31) cis-1,2-Dichloroethene	2.722	61	77368	10.054	ppbv	98
32) 1,1,1-Trichloroethane	3.370	97	127851	11.082	ppbv	98
34) 2-Butanone	2.557	43	117732	10.447	ppbv	99
35) Carbon Tetrachloride	3.765	117	132599	13.335	ppbv	100
36) Benzene	3.661	78	152574	10.530	ppbv	97
37) 1,2-Dichloroethane	3.221	62	109290	12.122	ppbv	98
38) Trichloroethene	4.554	130	60544	9.844	ppbv	94
39) 1,2-Dichloropropane	4.318	63	54900	10.476	ppbv	94
40) 1,4-Dioxane	4.590	88	23530	9.192	ppbv #	94
41) Tetrahydrofuran	3.059	42	60687	9.613	ppbv	99
42) Bromodichloromethane	4.496	83	125015	12.053	ppbv	99
43) Methyl Methacrylate	4.884	69	56790	10.287	ppbv	99
44) 2,2,4-Trimethylpentane	4.645	57	265340	10.723	ppbv	96
45) t-1,3-Dichloropropene	6.422	75	53137	9.305	ppbv	96

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

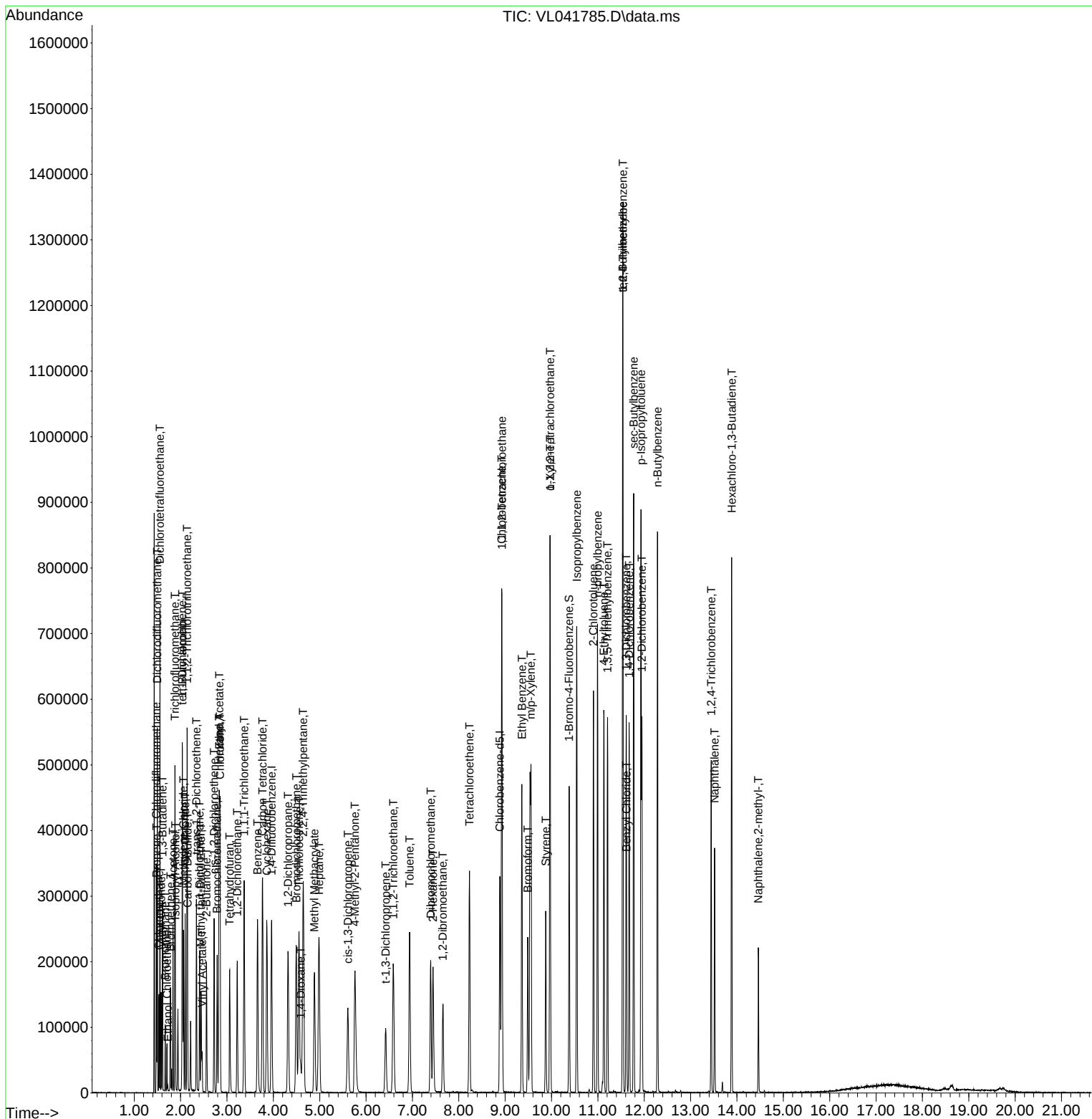
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 ClientSampleId :

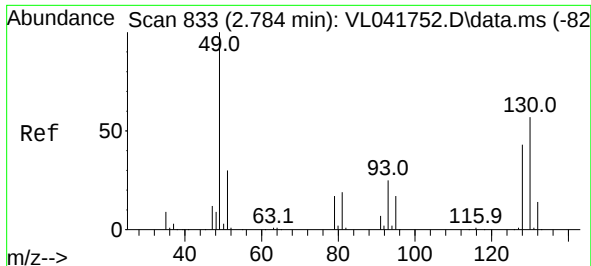
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	68915	9.506	ppbv #	95
47) 1,1,2-Trichloroethane	6.587	97	60020	10.965	ppbv	94
48) Dibromochloromethane	7.396	129	87978	11.771	ppbv	99
49) Bromoform	9.487	173	69543	11.367	ppbv	99
50) 4-Methyl-2-Pentanone	5.762	43	161524	10.527	ppbv	98
51) 2-Hexanone	7.445	43	124882	10.041	ppbv #	98
52) Tetrachloroethene	8.231	164	50417	9.348	ppbv	92
53) Toluene	6.940	91	164444	10.010	ppbv	100
54) 1,2-Dibromoethane	7.655	107	81185	10.764	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.930	131	77953	12.143	ppbv	99
57) Chlorobenzene	8.927	112	133682	10.788	ppbv	99
58) Ethyl Benzene	9.361	91	238227	10.927	ppbv	98
59) m/p-Xylene	9.555	91	204406	11.661	ppbv #	100
60) o-Xylene	9.969	91	203719	11.589	ppbv	100
61) Styrene	9.875	104	81621	10.738	ppbv	99
62) Isopropylbenzene	10.545	105	301277	11.407	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	120585	10.959	ppbv	98
64) n-propylbenzene	10.995	120	75657	11.330	ppbv	100
65) tert-Butylbenzene	11.536	119	265393	11.138	ppbv	97
66) Benzyl Chloride	11.620	91	15405	7.340	ppbv	98
67) sec-Butylbenzene	11.772	105	369494	11.206	ppbv	100
69) p-Isopropyltoluene	11.931	119	293875	10.815	ppbv	98
70) n-Butylbenzene	12.287	91	286572	10.915	ppbv	98
71) 2-Chlorotoluene	10.905	91	217719	10.800	ppbv	97
72) 4-Ethyltoluene	11.128	105	233768	11.266	ppbv	99
73) 1,3,5-Trimethylbenzene	11.209	105	199390	11.582	ppbv	99
74) 1,2,4-Trimethylbenzene	11.542	105	216724	11.707	ppbv	97
75) 1,3-Dichlorobenzene	11.610	146	119553	10.129	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	117225	10.054	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	114949	10.122	ppbv	99
78) Hexachloro-1,3-Butadiene	13.886	225	72933	8.662	ppbv	98
79) Naphthalene	13.517	128	150651	11.679	ppbv	99
80) Naphthalene,2-methyl-	14.462	142	51565	12.925	ppbv	96
81) 1,2,4-Trichlorobenzene	13.445	180	71526	10.148	ppbv	97

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

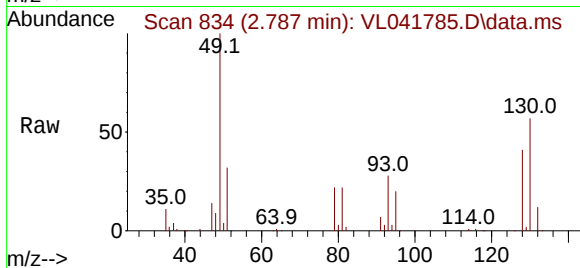
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QLast Update : Thu Dec 19 07:32:09 2024
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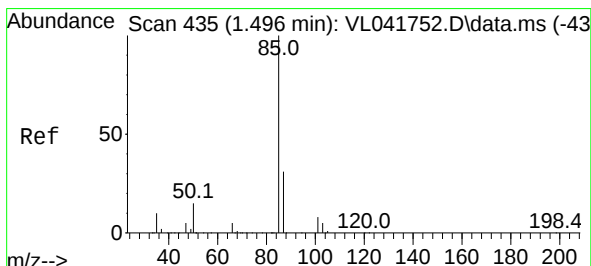
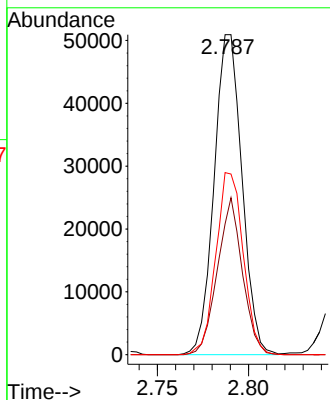
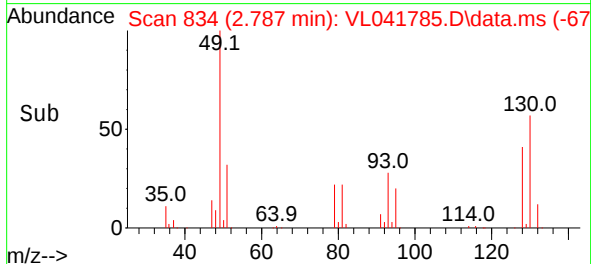


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. 0.003 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Instrument :
MSVOA_L
ClientSampleId :

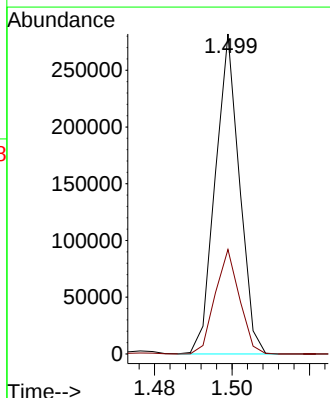
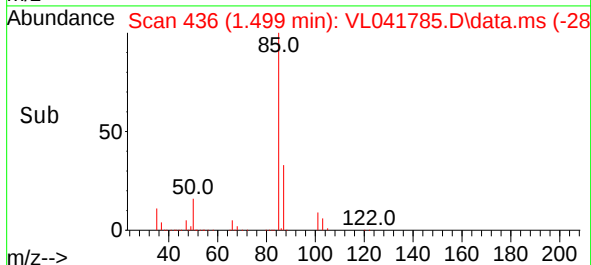
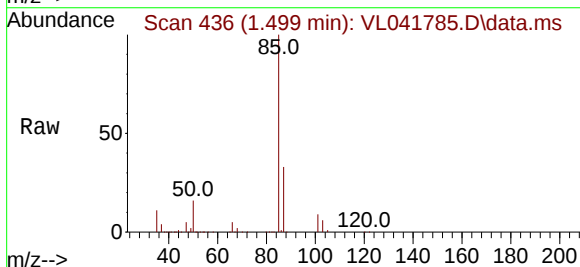


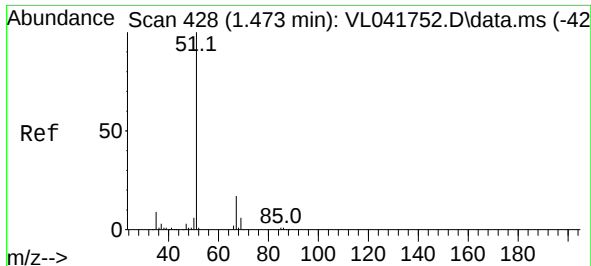
Tgt Ion: 49 Resp: 54213
Ion Ratio Lower Upper
49 100
128 43.9 21.6 64.6
130 55.9 28.3 85.0



#2
Dichlorodifluoromethane
Concen: 12.654 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Tgt Ion: 85 Resp: 122071
Ion Ratio Lower Upper
85 100
87 32.7 24.5 36.7

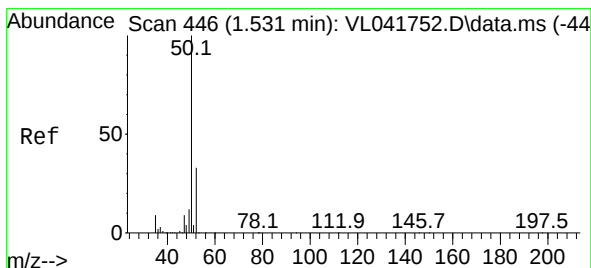
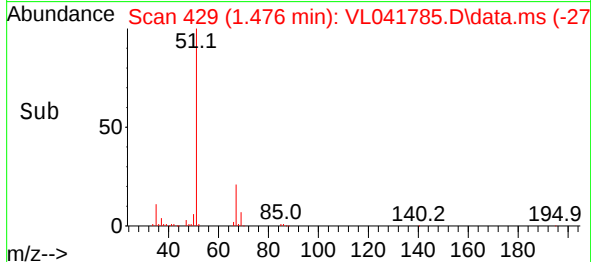
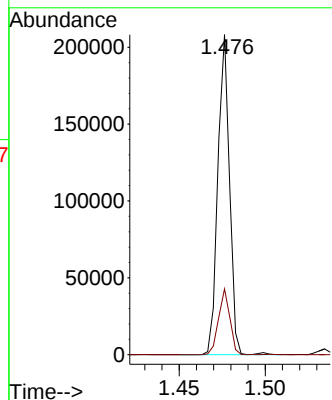
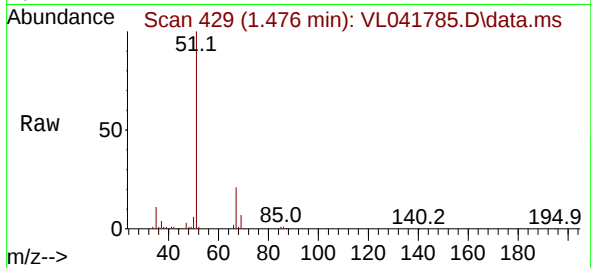




#3
Chlorodifluoromethane
Concen: 11.042 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

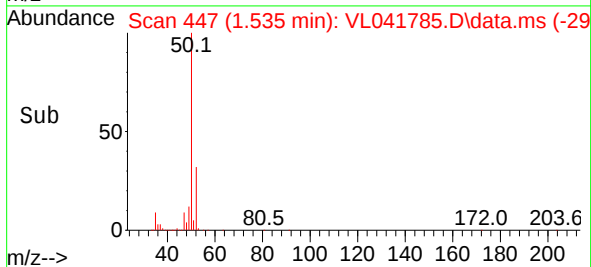
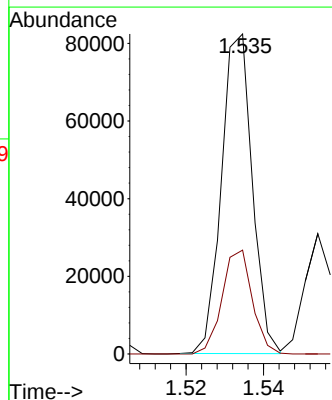
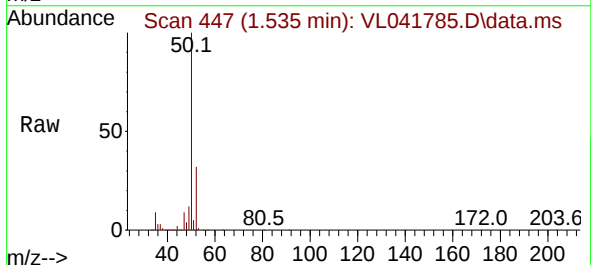
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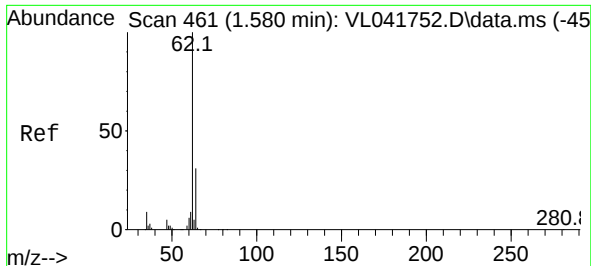
Tgt Ion: 51 Resp: 97620
Ion Ratio Lower Upper
51 100
67 20.1 15.0 22.4



#4
Chloromethane
Concen: 12.059 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Tgt Ion: 50 Resp: 45514
Ion Ratio Lower Upper
50 100
52 32.5 26.2 39.2

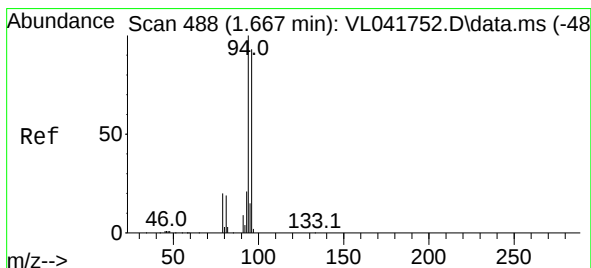
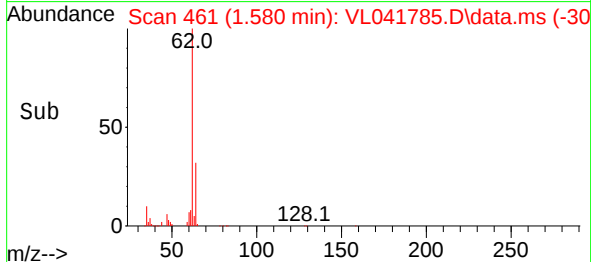
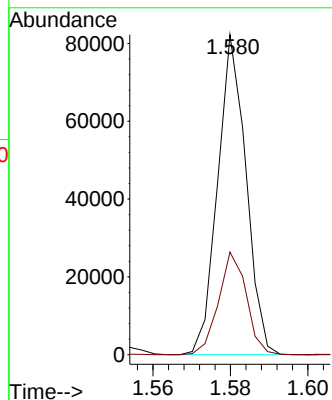
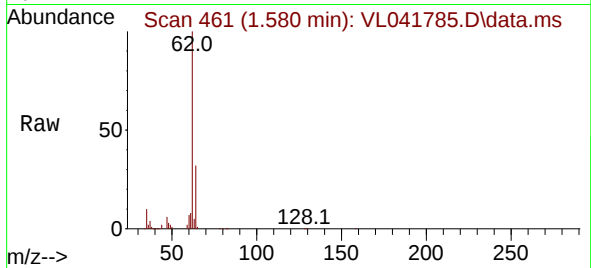




#5
 Vinyl Chloride
 Concen: 10.984 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL041785.D
 Acq: 17 Dec 2024 18:21

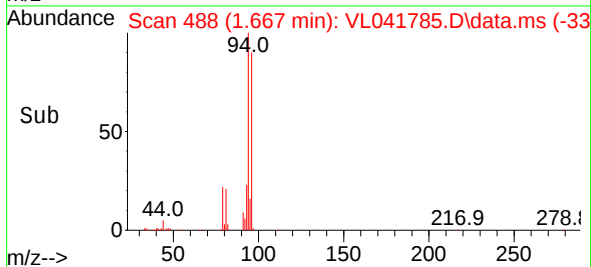
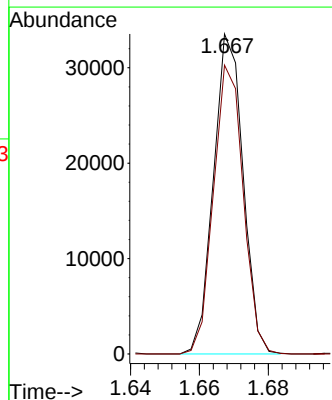
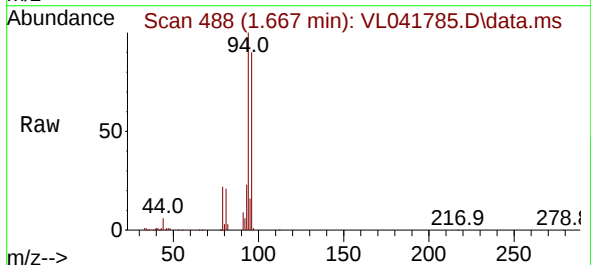
Instrument :
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 ClientSampleId :

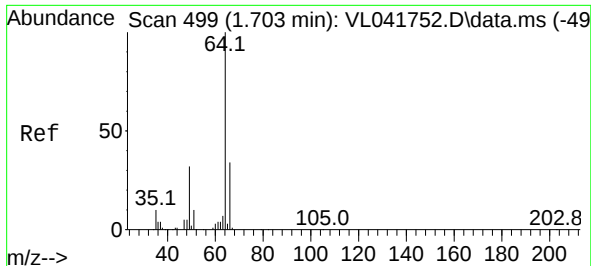
Tgt Ion: 62 Resp: 41769
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.1 37.7



#6
 Bromomethane
 Concen: 11.173 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL041785.D
 Acq: 17 Dec 2024 18:21

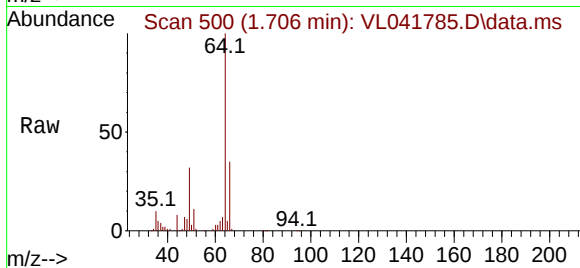
Tgt Ion: 94 Resp: 20050
 Ion Ratio Lower Upper
 94 100
 96 90.2 74.7 112.1



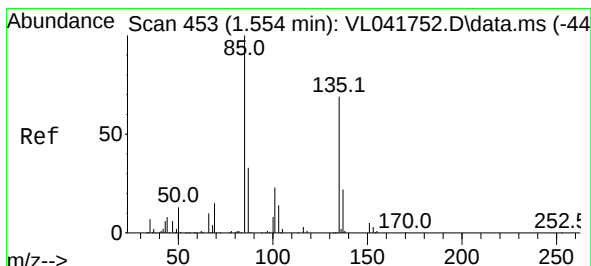
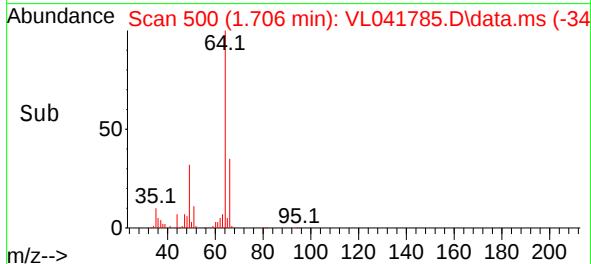
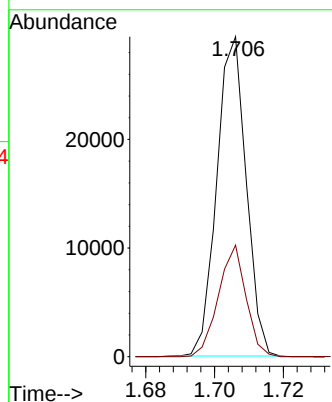


#7
Chloroethane
Concen: 11.812 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Instrument :
MSVOA_L
ClientSampleId :

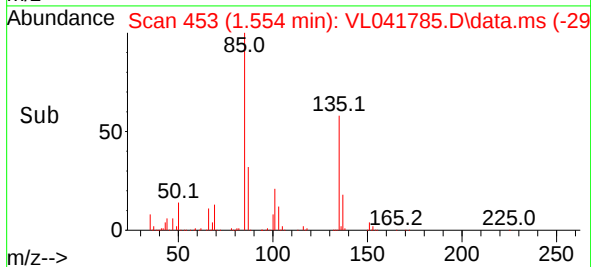
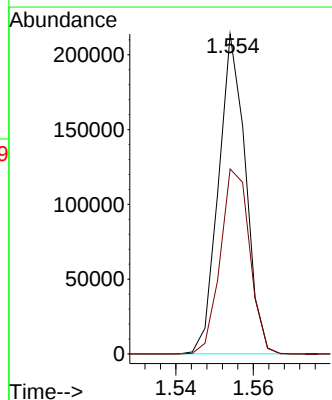
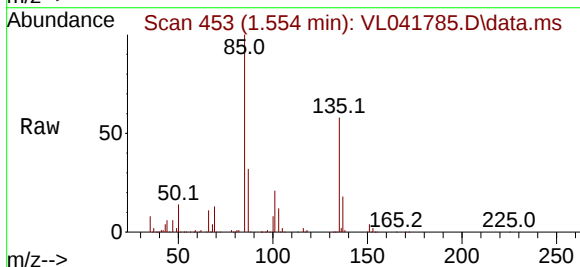


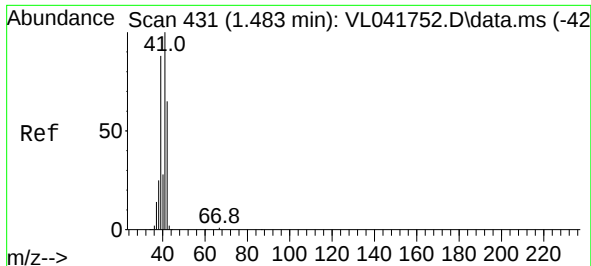
Tgt Ion: 64 Resp: 17448
Ion Ratio Lower Upper
64 100
66 34.8 27.5 41.3



#8
Dichlorotetrafluoroethane
Concen: 11.993 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Tgt Ion: 85 Resp: 103546
Ion Ratio Lower Upper
85 100
135 63.0 51.9 77.9





#9

Propene

Concen: 8.682 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

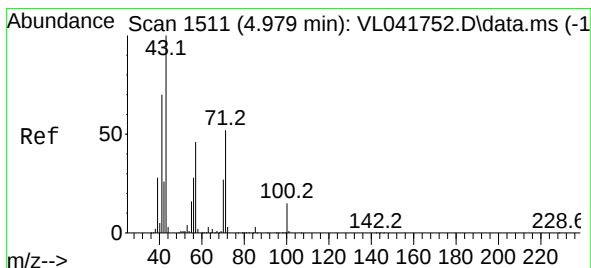
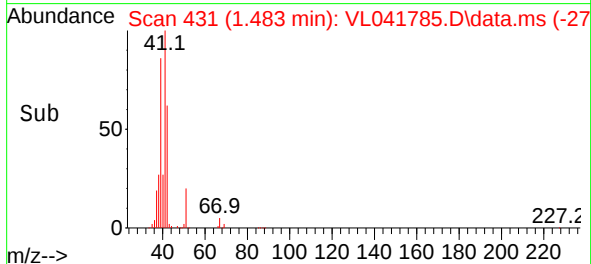
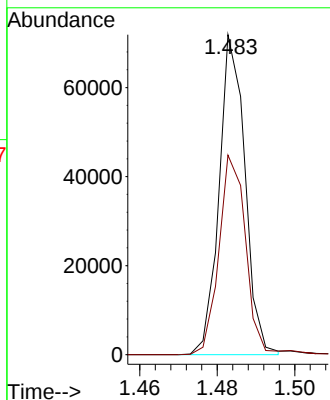
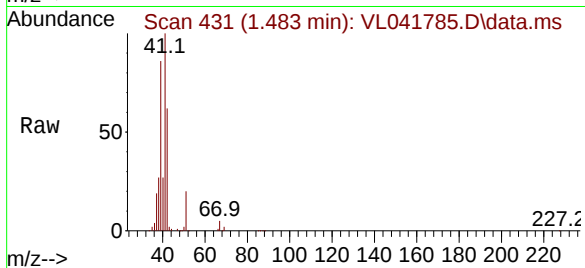
ClientSampleId :

Tgt Ion: 41 Resp: 33269

Ion Ratio Lower Upper

41 100

42 65.8 52.4 78.6



#10

Heptane

Concen: 9.932 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. 0.010 min

Lab File: VL041785.D

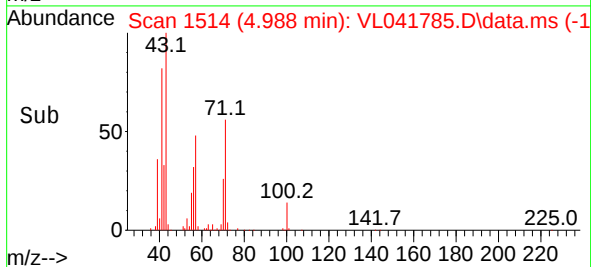
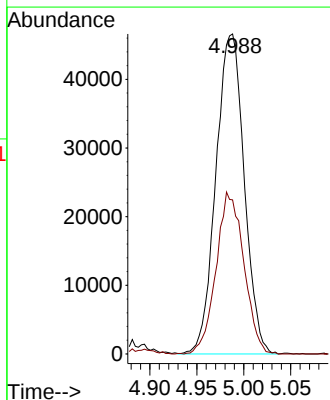
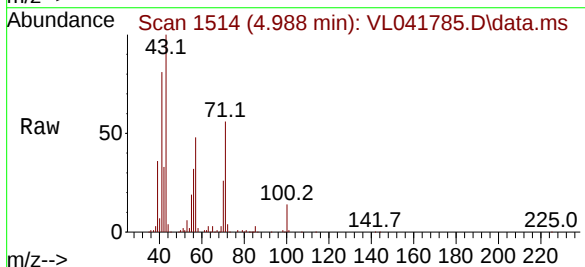
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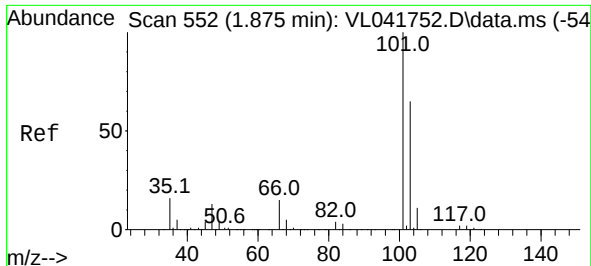
Tgt Ion: 43 Resp: 97758

Ion Ratio Lower Upper

43 100

57 49.5 38.5 57.7





#11

Trichlorofluoromethane

Concen: 12.307 ppbv

RT: 1.878 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

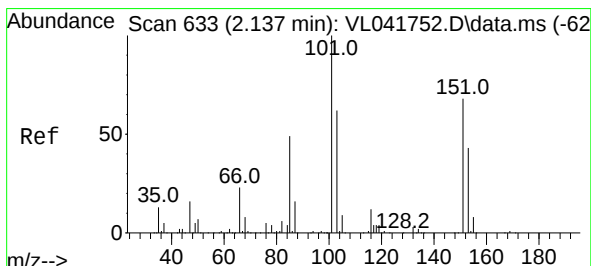
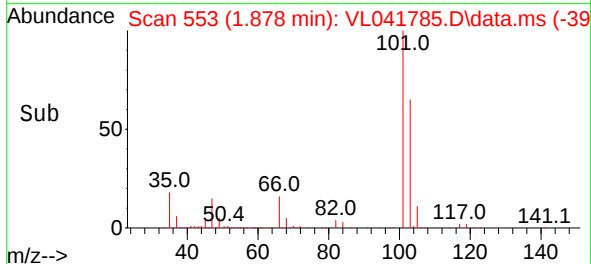
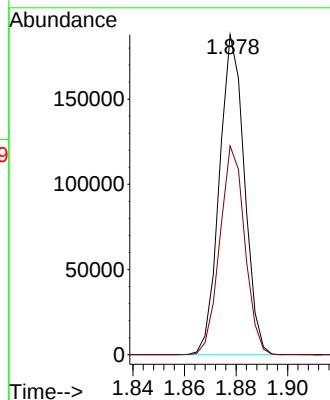
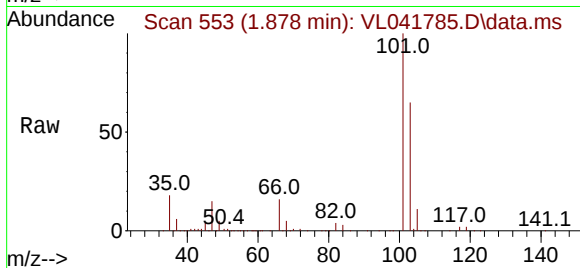
ClientSampleId :

Tgt Ion:101 Resp: 126103

Ion Ratio Lower Upper

101 100

103 65.2 51.8 77.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 11.681 ppbv

RT: 2.140 min Scan# 634

Delta R.T. 0.003 min

Lab File: VL041785.D

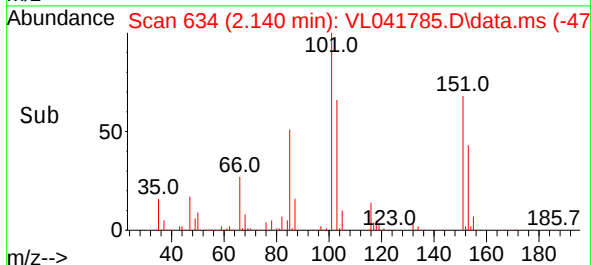
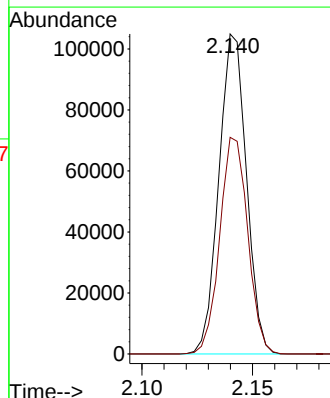
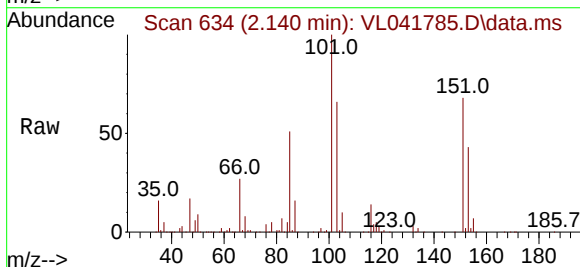
Acq: 17 Dec 2024 18:21

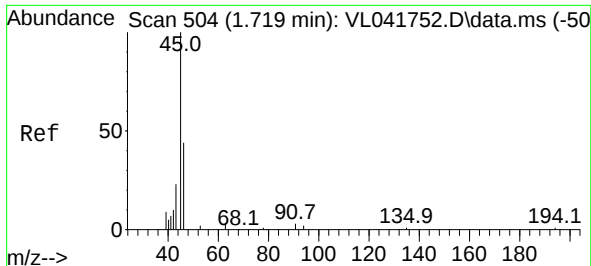
Tgt Ion:101 Resp: 91035

Ion Ratio Lower Upper

101 100

151 68.7 56.8 85.2





#13

Ethanol

Concen: 6.836 ppbv

RT: 1.722 min Scan# 504

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

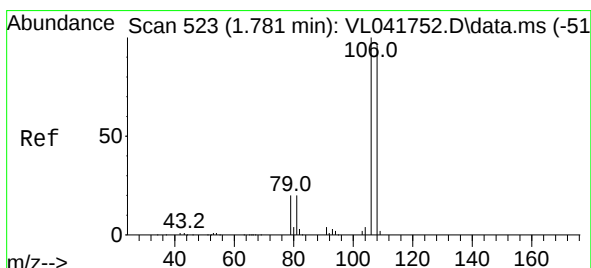
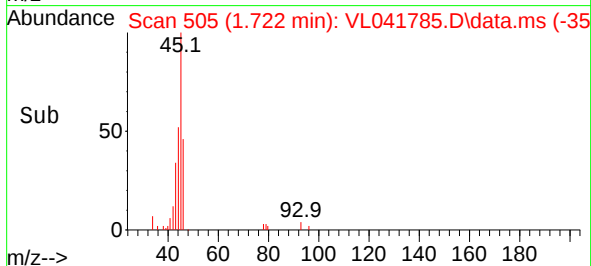
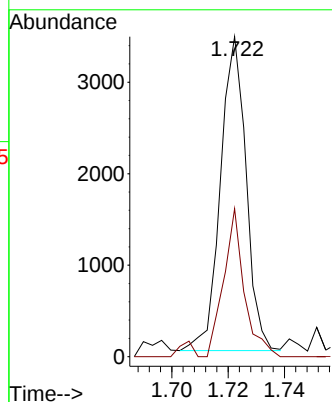
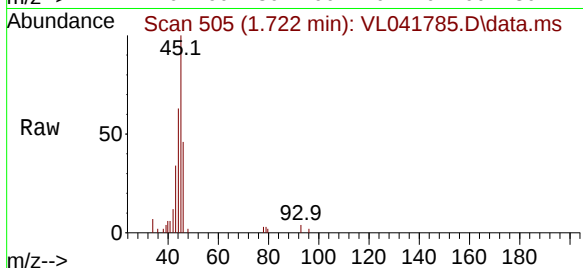
ClientSampleId :

Tgt Ion: 45 Resp: 2169

Ion Ratio Lower Upper

45 100

46 40.4 16.4 65.8



#14

Bromoethene

Concen: 11.405 ppbv

RT: 1.784 min Scan# 524

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

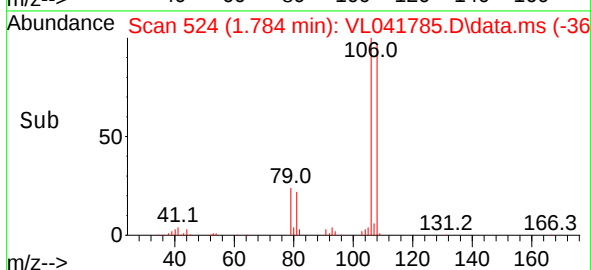
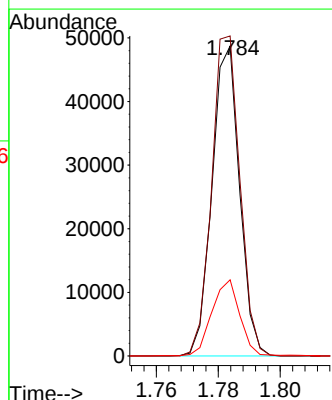
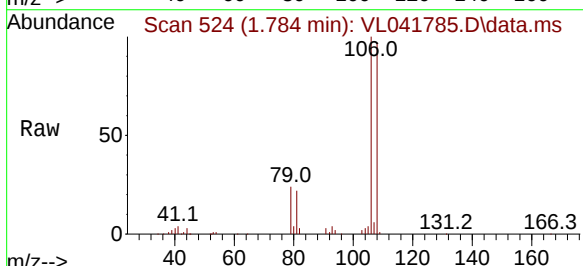
Tgt Ion: 108 Resp: 30006

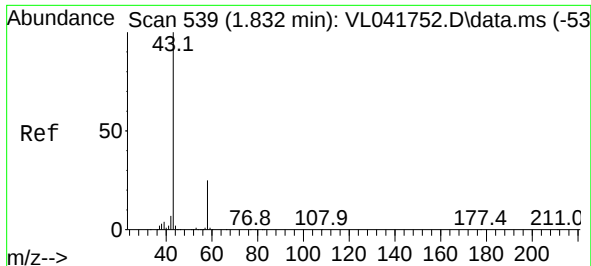
Ion Ratio Lower Upper

108 100

106 106.1 84.1 126.1

79 25.4 17.4 26.0





#15

Acetone

Concen: 9.759 ppbv

RT: 1.836 min Scan# 54

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

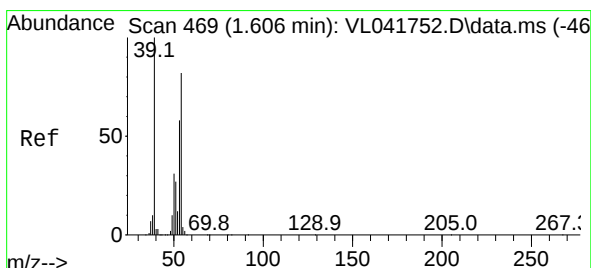
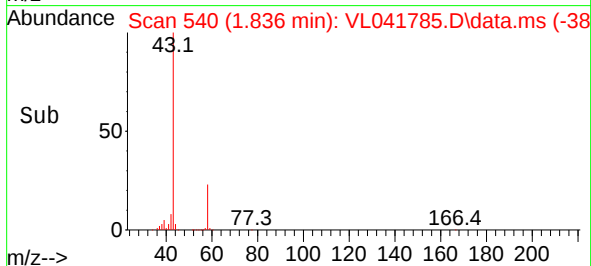
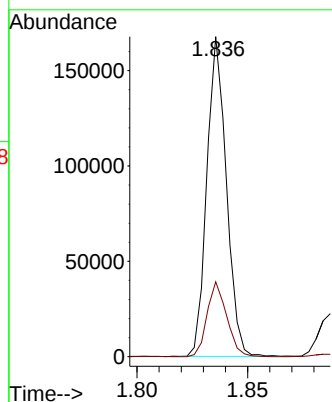
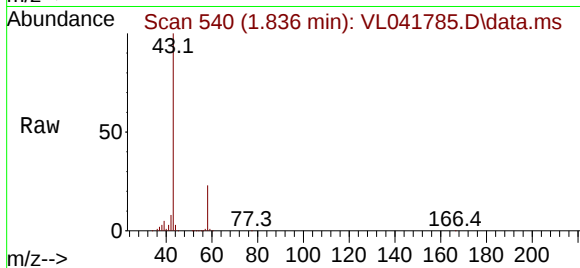
ClientSampleId :

Tgt Ion: 43 Resp: 102941

Ion Ratio Lower Upper

43 100

58 23.6 19.7 29.5



#16

1,3-Butadiene

Concen: 12.207 ppbv

RT: 1.609 min Scan# 470

Delta R.T. 0.003 min

Lab File: VL041785.D

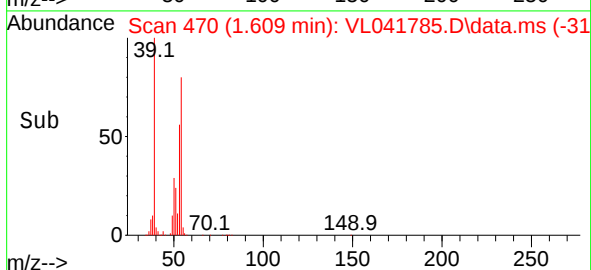
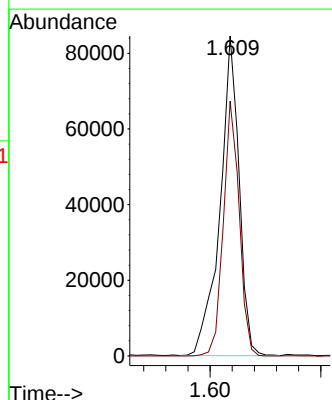
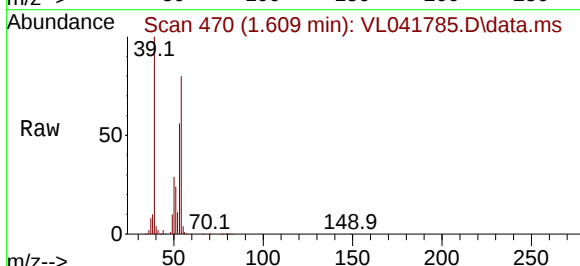
Acq: 17 Dec 2024 18:21

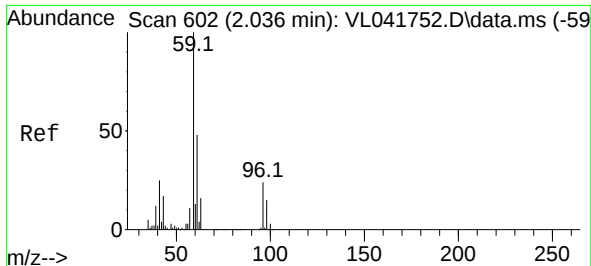
Tgt Ion: 39 Resp: 50702

Ion Ratio Lower Upper

39 100

54 66.1 58.4 87.6





#17

tert-Butyl alcohol

Concen: 11.302 ppbv

RT: 2.039 min Scan# 603

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

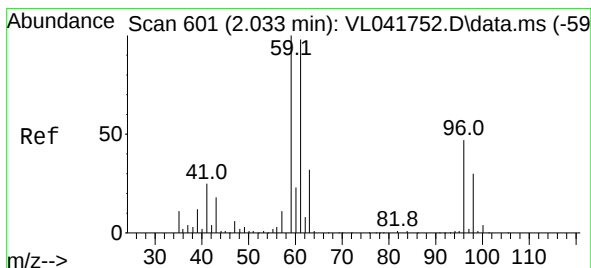
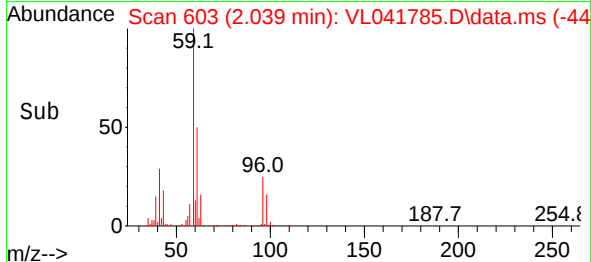
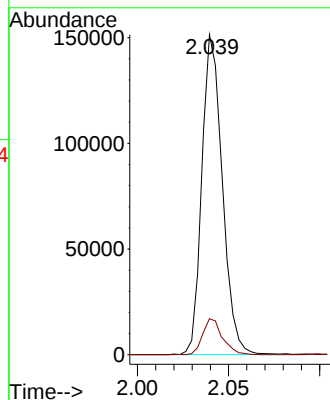
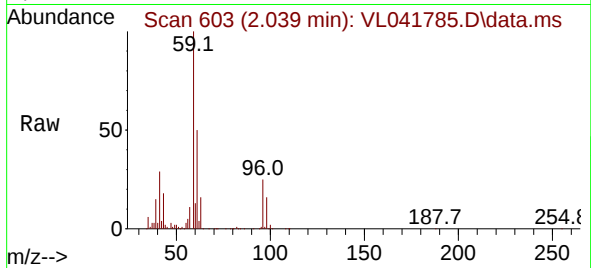
ClientSampleId :

Tgt Ion: 59 Resp: 118264

Ion Ratio Lower Upper

59 100

57 10.9 8.6 13.0



#18

1,1-Dichloroethene

Concen: 11.612 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

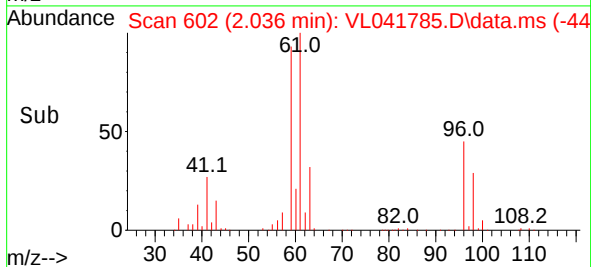
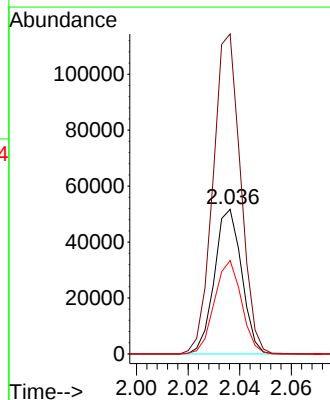
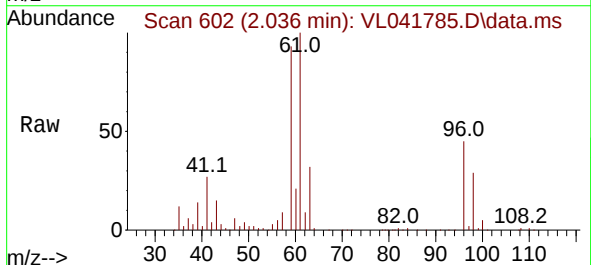
Tgt Ion: 96 Resp: 37940

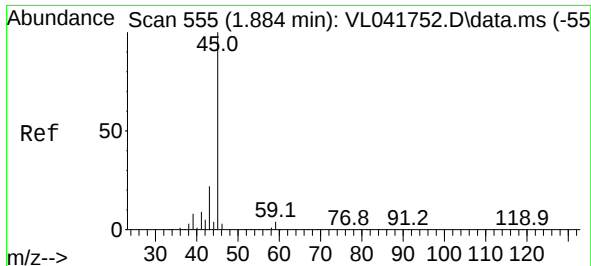
Ion Ratio Lower Upper

96 100

61 221.2 167.7 251.5

98 64.6 51.1 76.7





#19

Isopropyl Alcohol

Concen: 8.051 ppbv

RT: 1.887 min Scan# 509

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

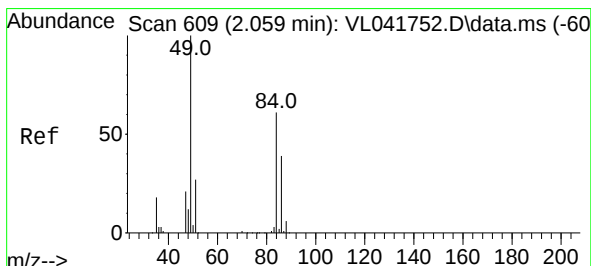
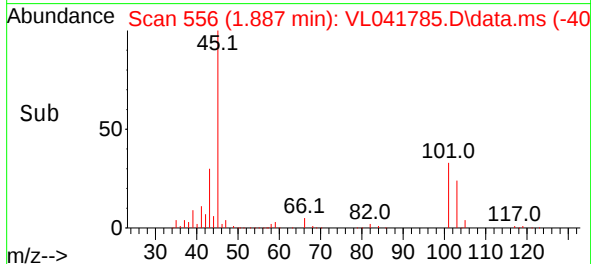
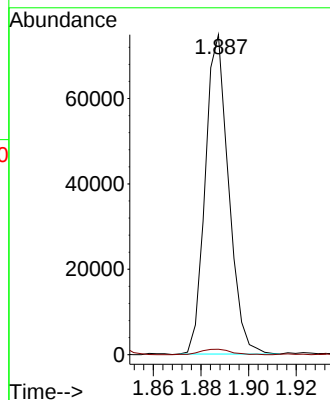
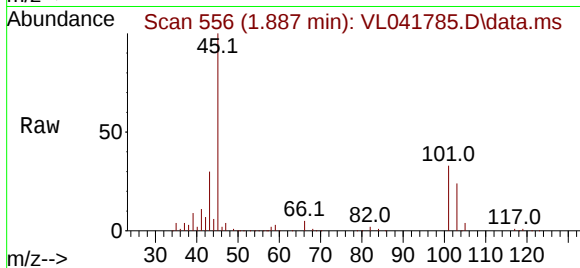
ClientSampleId :

Tgt Ion: 45 Resp: 50959

Ion Ratio Lower Upper

45 100

58 2.3 33.3 49.9#



#20

Methylene Chloride

Concen: 10.844 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Tgt Ion: 84 Resp: 32617

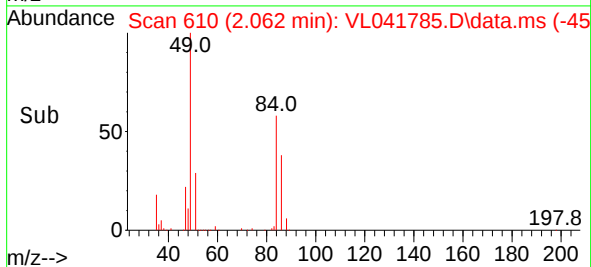
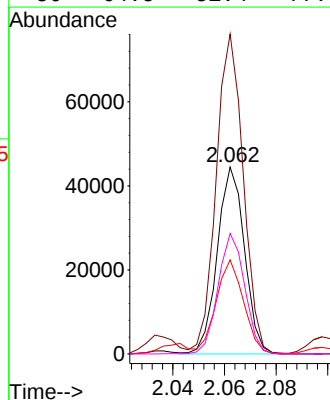
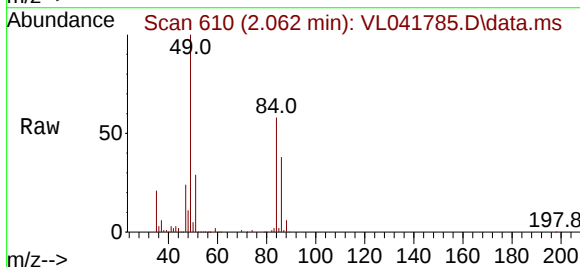
Ion Ratio Lower Upper

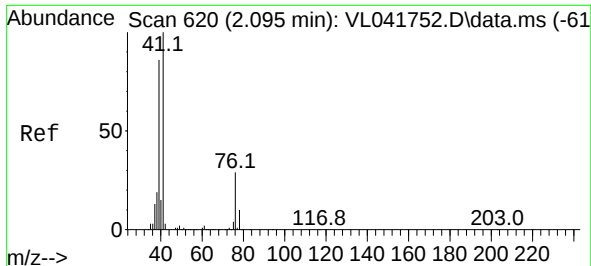
84 100

49 170.8 132.6 198.8

51 50.2 37.6 56.4

86 64.5 51.4 77.0





#21

Allyl Chloride

Concen: 11.397 ppbv

RT: 2.098 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

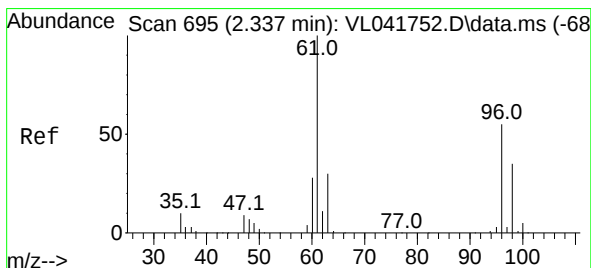
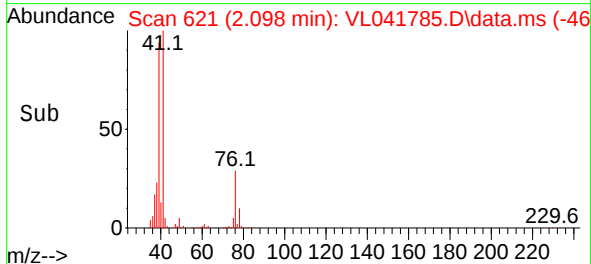
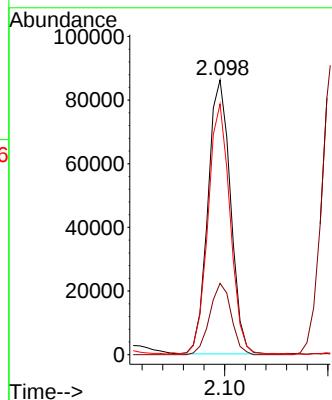
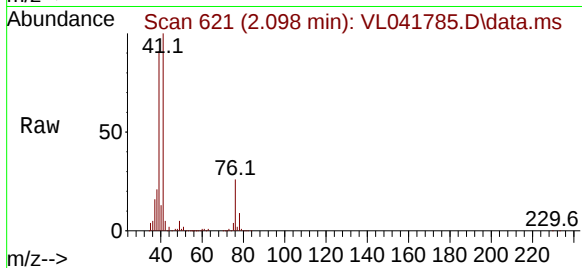
Tgt Ion: 41 Resp: 65202

Ion Ratio Lower Upper

41 100

76 25.0 22.3 33.5

39 90.1 69.2 103.8



#22

trans-1,2-Dichloroethene

Concen: 11.086 ppbv

RT: 2.340 min Scan# 696

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

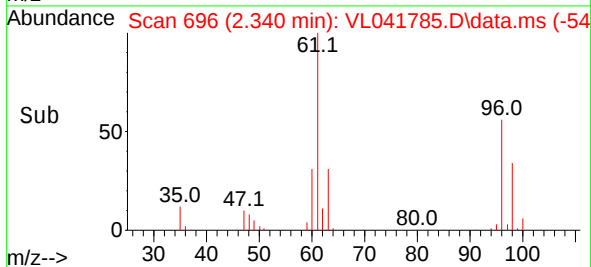
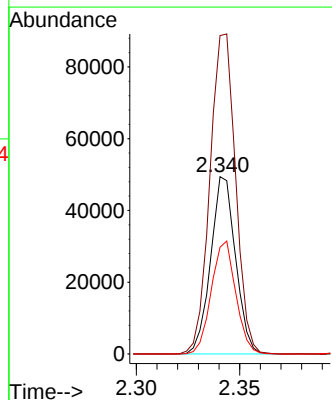
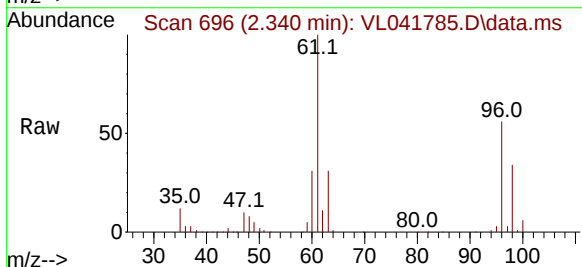
Tgt Ion: 96 Resp: 41460

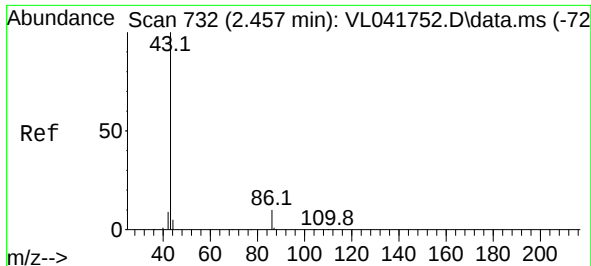
Ion Ratio Lower Upper

96 100

61 179.7 146.3 219.5

98 60.2 50.8 76.2

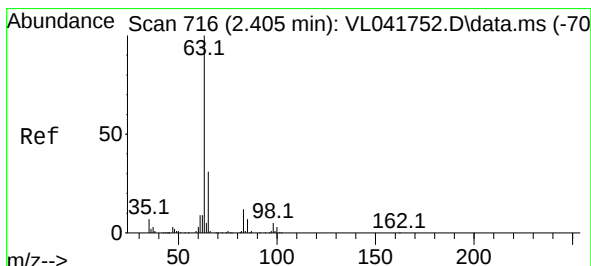
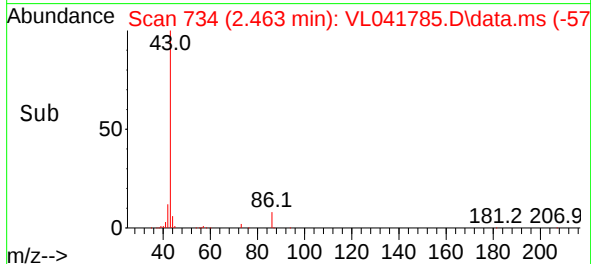
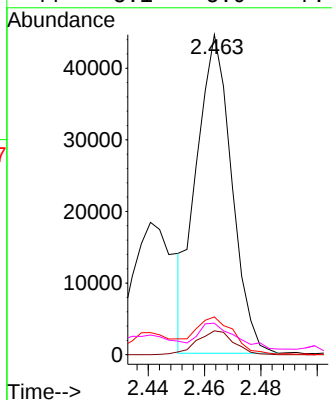
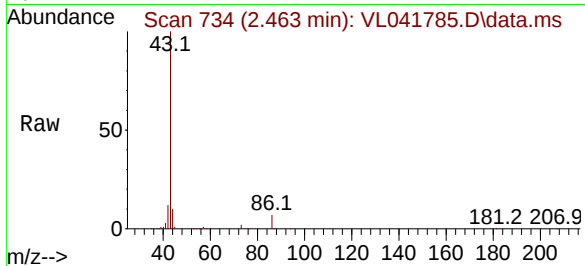




#23
 Vinyl Acetate
 Concen: 7.891 ppbv
 RT: 2.463 min Scan# 714
 Delta R.T. 0.006 min
 Lab File: VL041785.D
 Acq: 17 Dec 2024 18:21

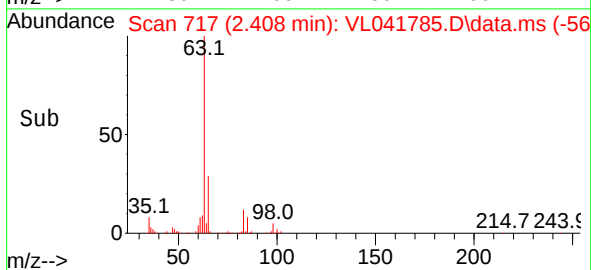
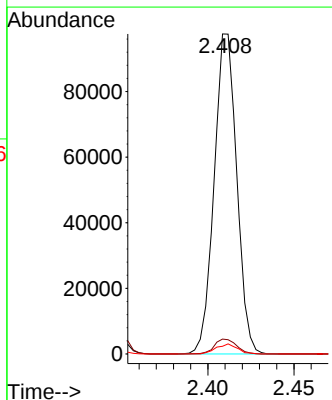
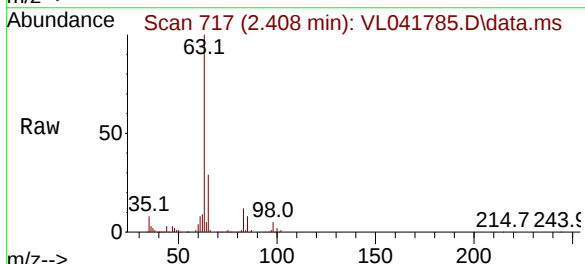
Instrument :
 MSVOA_1
 ClientSampleId :

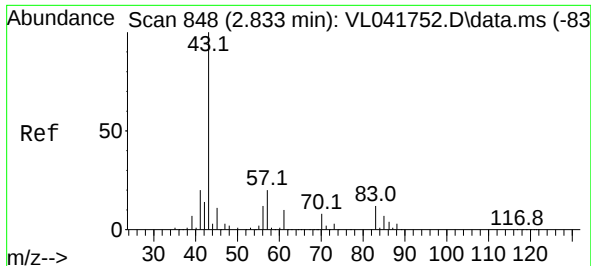
Tgt Ion:	43	Resp:	38650
Ion	Ratio	Lower	Upper
43	100		
86	7.8	6.6	10.0
42	11.7	8.2	12.2
44	8.1	5.0	7.4



#24
 1,1-Dichloroethane
 Concen: 11.793 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. 0.003 min
 Lab File: VL041785.D
 Acq: 17 Dec 2024 18:21

Tgt Ion:	63	Resp:	89281
Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.3	6.8
100	2.4	1.4	4.2





#25

Ethyl Acetate

Concen: 10.308 ppbv

RT: 2.836 min Scan# 84

Delta R.T. 0.003 min

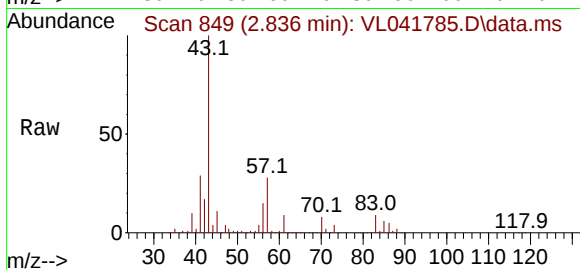
Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 202270

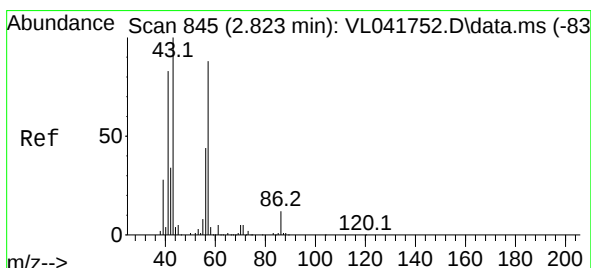
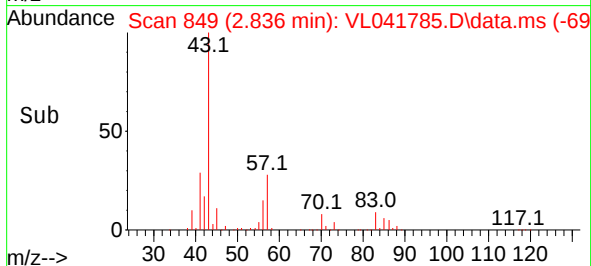
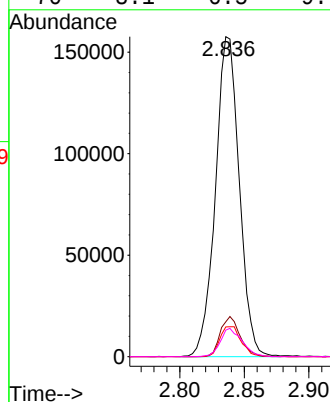
Ion Ratio Lower Upper

43 100

45 10.4 8.1 12.1

61 8.5 7.0 10.6

70 8.1 6.5 9.7



#26

Hexane

Concen: 10.142 ppbv

RT: 2.829 min Scan# 847

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Tgt Ion: 57 Resp: 75521

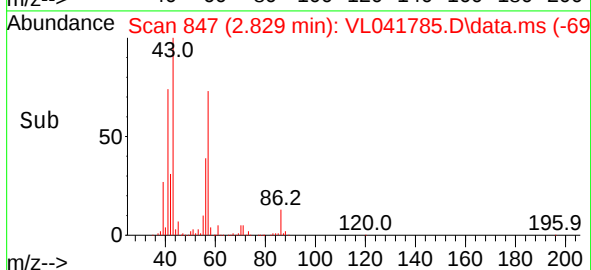
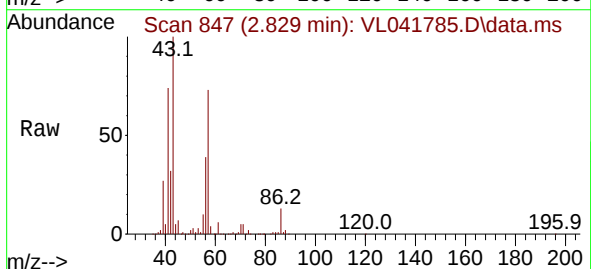
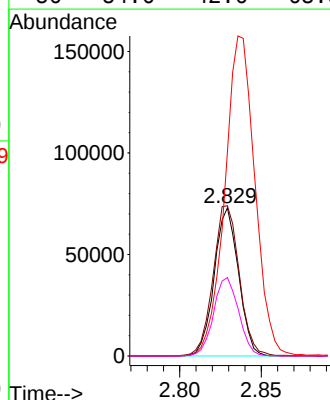
Ion Ratio Lower Upper

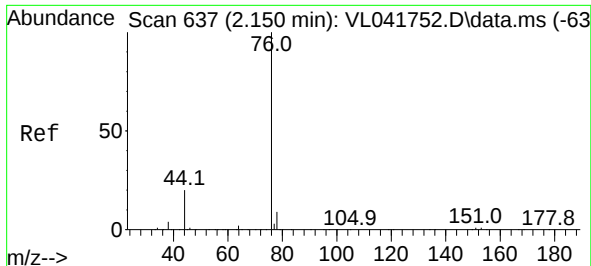
57 100

41 109.9 79.6 119.4

43 268.8 211.0 316.6

56 54.6 42.6 63.8





#27

Carbon Disulfide

Concen: 10.474 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

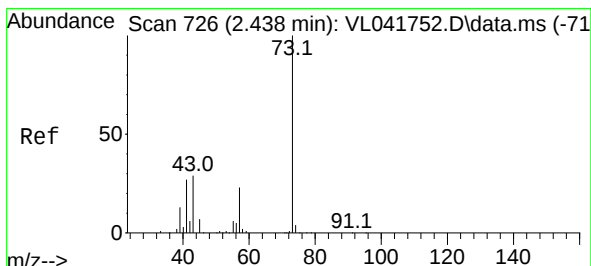
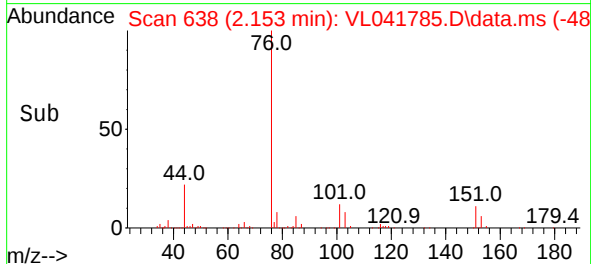
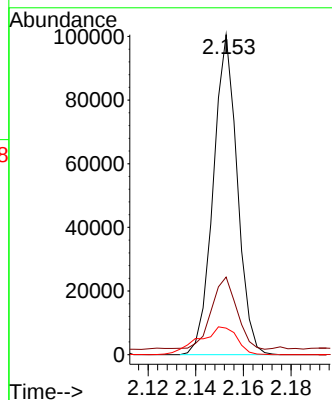
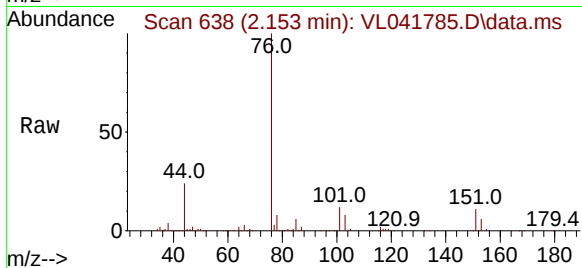
Tgt Ion: 76 Resp: 70287

Ion Ratio Lower Upper

76 100

44 25.6 17.6 26.4

78 13.7 10.2 15.4



#28

Methyl tert-Butyl Ether

Concen: 10.071 ppbv

RT: 2.441 min Scan# 727

Delta R.T. 0.003 min

Lab File: VL041785.D

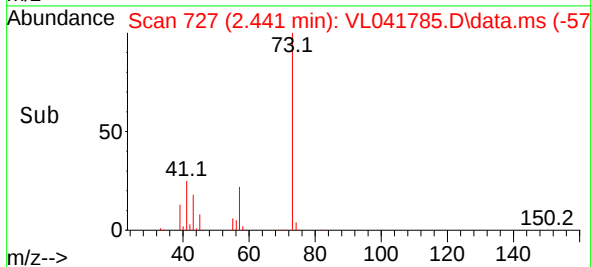
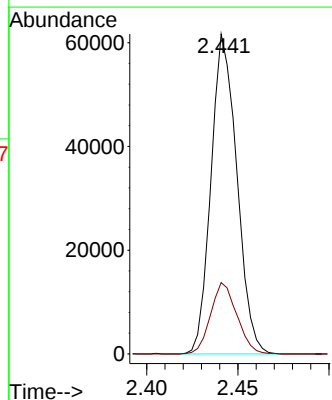
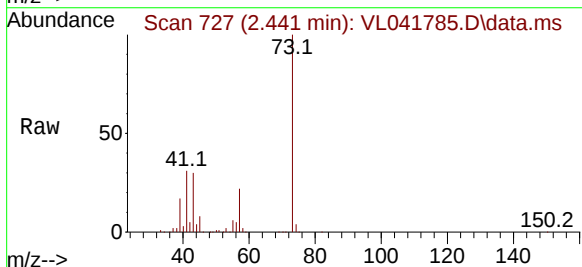
Acq: 17 Dec 2024 18:21

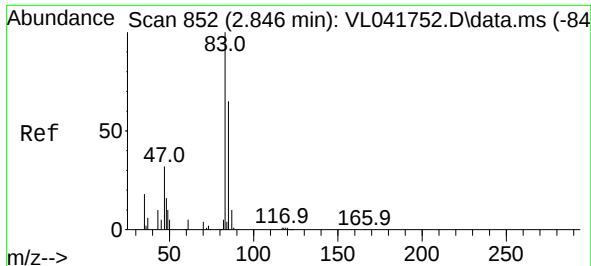
Tgt Ion: 73 Resp: 60841

Ion Ratio Lower Upper

73 100

57 22.7 17.6 26.4





#29

Chloroform

Concen: 11.623 ppbv

RT: 2.852 min Scan# 85

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

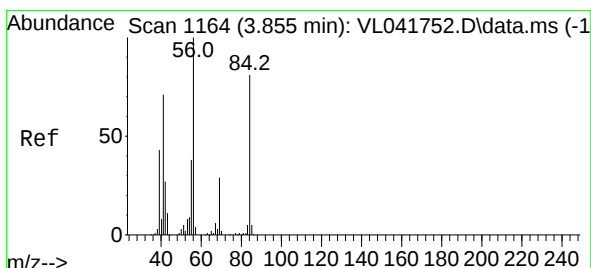
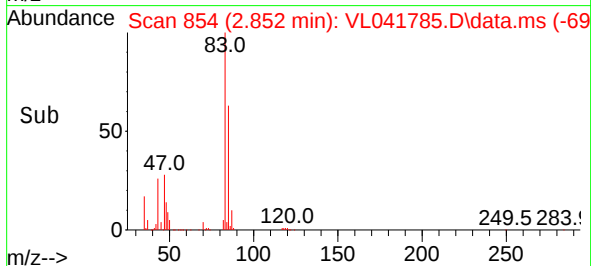
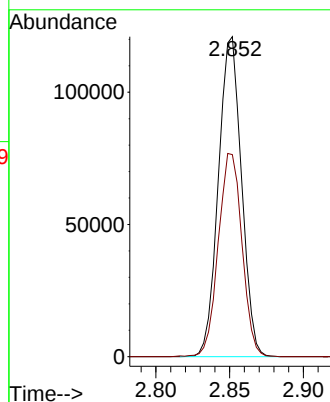
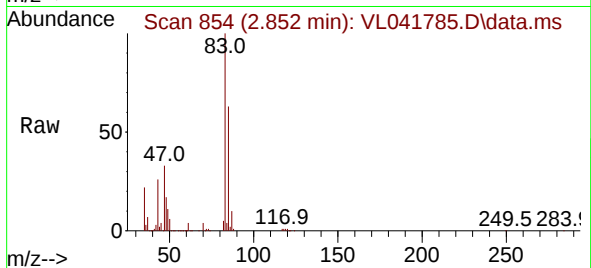
ClientSampleId :

Tgt Ion: 83 Resp: 131902

Ion Ratio Lower Upper

83 100

85 63.1 51.8 77.6



#30

Cyclohexane

Concen: 9.965 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

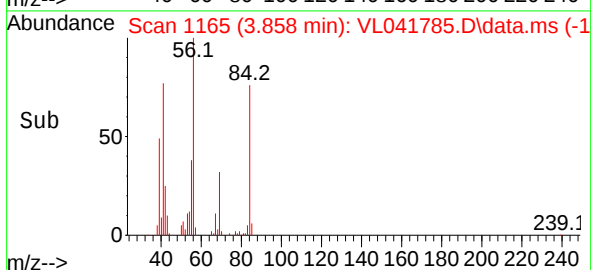
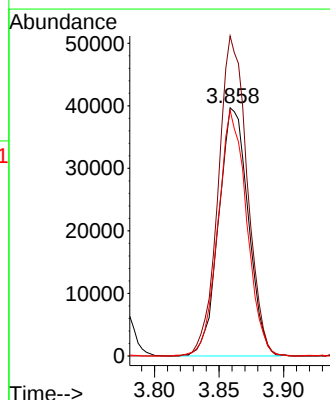
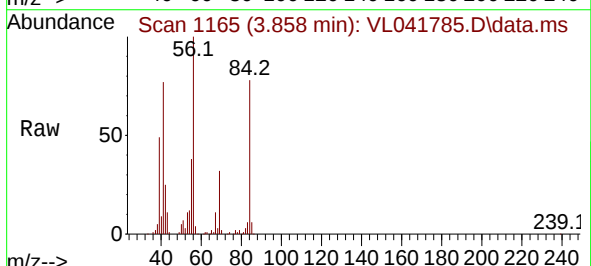
Tgt Ion: 84 Resp: 63139

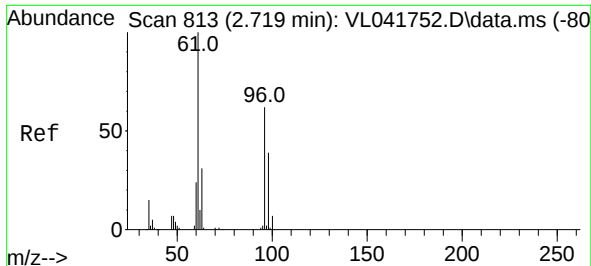
Ion Ratio Lower Upper

84 100

56 126.3 102.3 153.5

41 95.9 74.0 111.0





#31

cis-1,2-Dichloroethene

Concen: 10.054 ppbv

RT: 2.722 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

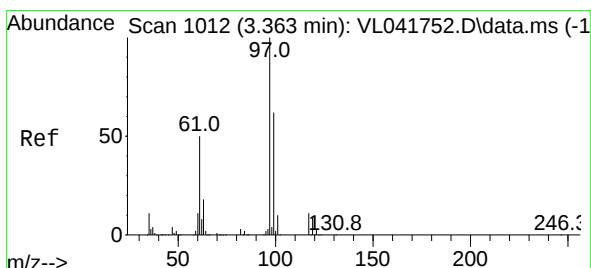
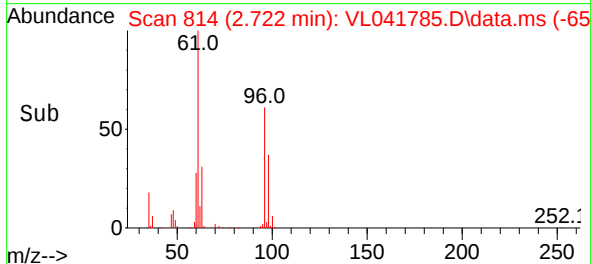
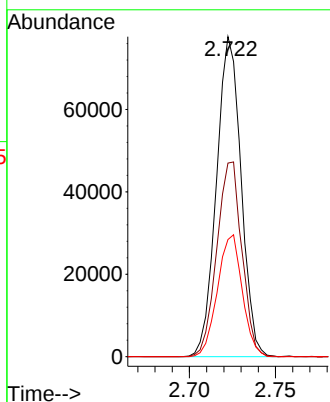
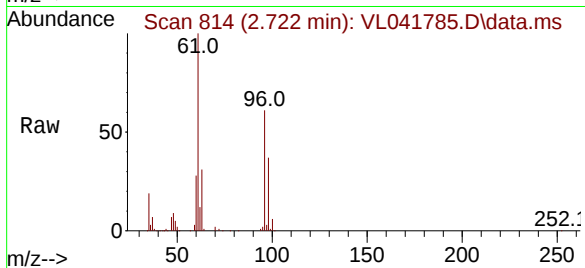
Tgt Ion: 61 Resp: 77368

Ion Ratio Lower Upper

61 100

96 60.5 49.7 74.5

98 36.6 30.8 46.2



#32

1,1,1-Trichloroethane

Concen: 11.082 ppbv

RT: 3.370 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

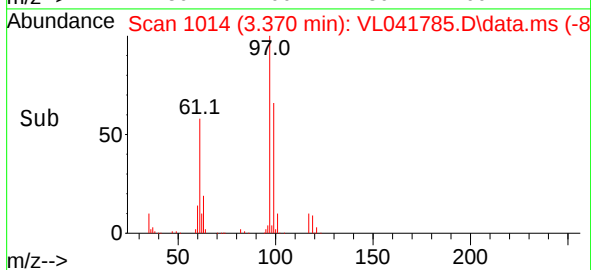
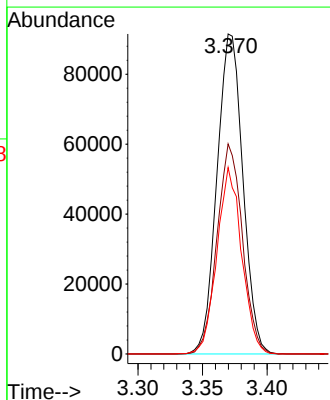
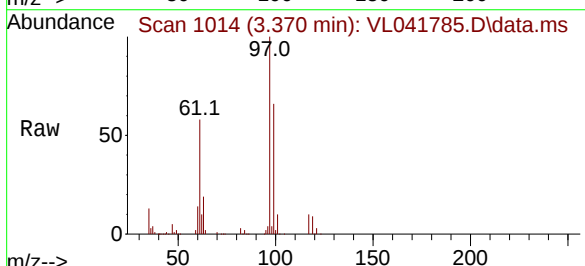
Tgt Ion: 97 Resp: 127851

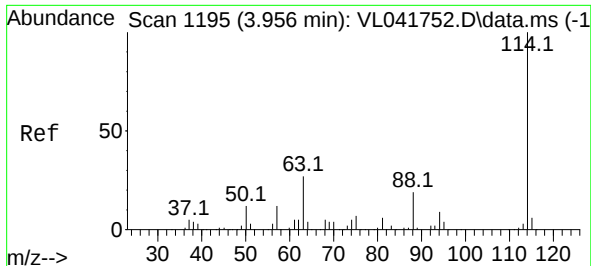
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 55.6 42.2 63.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

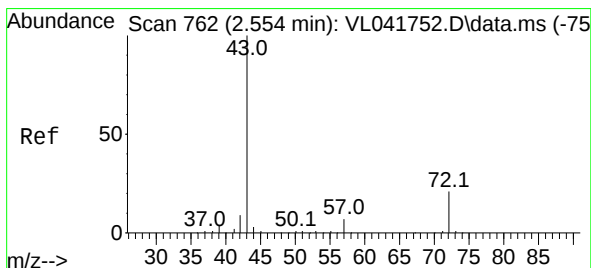
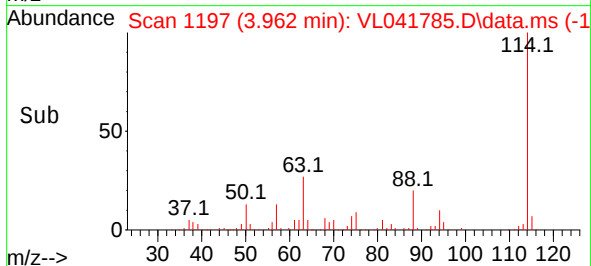
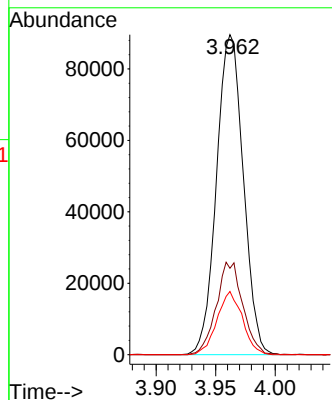
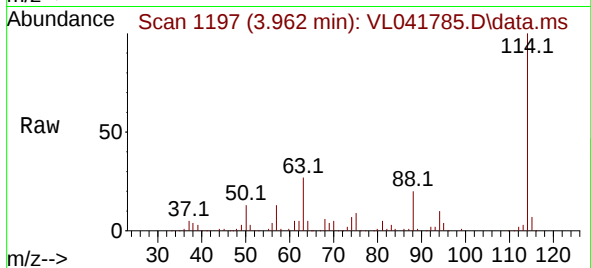
Tgt Ion:114 Resp: 140075

Ion Ratio Lower Upper

114 100

63 28.6 21.8 32.8

88 18.7 14.8 22.2



#34

2-Butanone

Concen: 10.447 ppbv

RT: 2.557 min Scan# 763

Delta R.T. 0.003 min

Lab File: VL041785.D

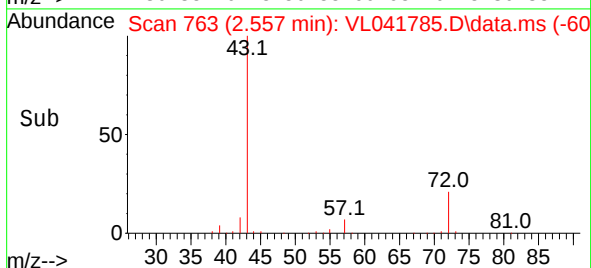
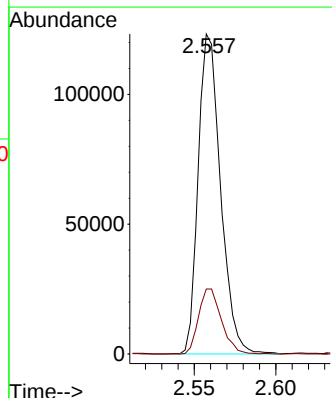
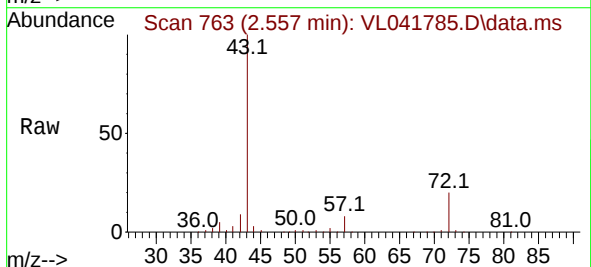
Acq: 17 Dec 2024 18:21

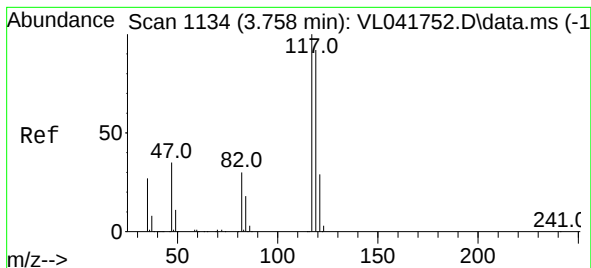
Tgt Ion: 43 Resp: 117732

Ion Ratio Lower Upper

43 100

72 20.8 16.8 25.2





#35

Carbon Tetrachloride

Concen: 13.335 ppbv

RT: 3.765 min Scan# 1136

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

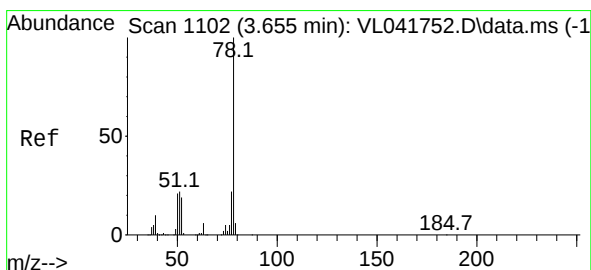
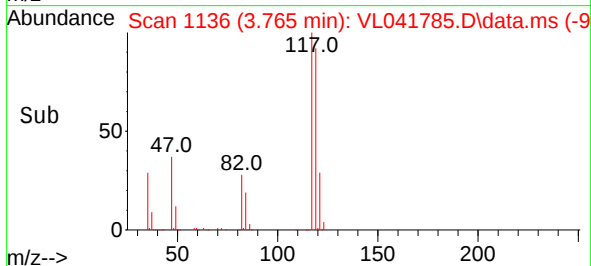
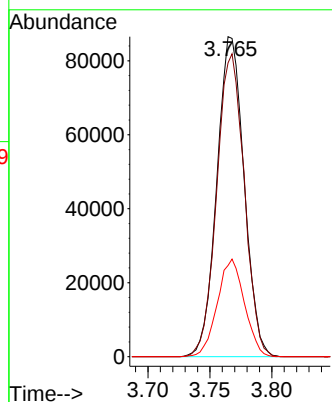
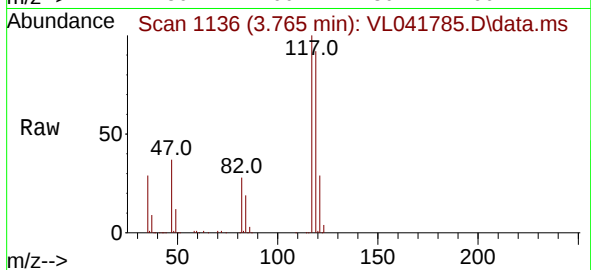
Tgt Ion:117 Resp: 132599

Ion Ratio Lower Upper

117 100

119 91.8 73.7 110.5

121 28.5 23.0 34.4



#36

Benzene

Concen: 10.530 ppbv

RT: 3.661 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

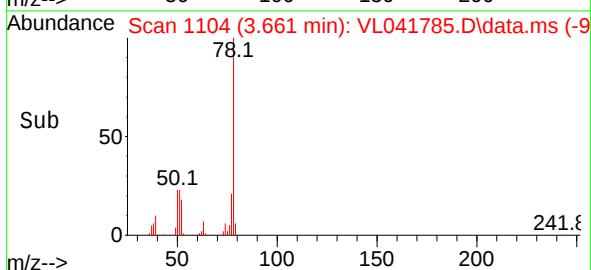
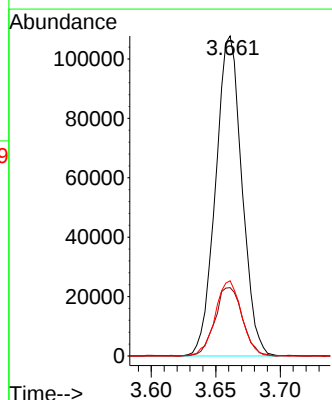
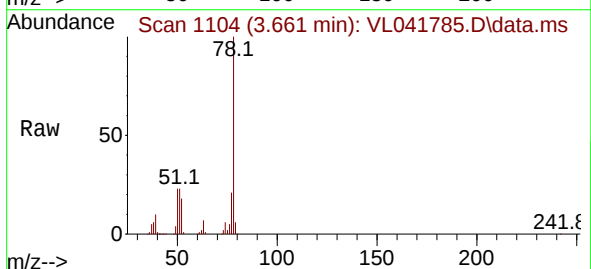
Tgt Ion: 78 Resp: 152574

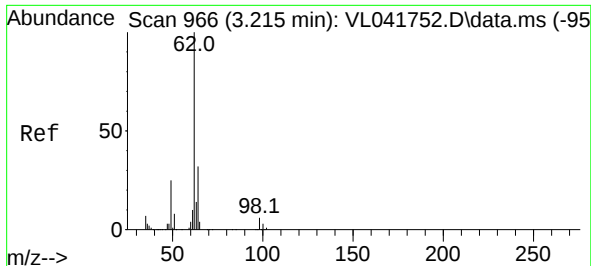
Ion Ratio Lower Upper

78 100

77 21.4 17.8 26.6

50 23.5 17.2 25.8

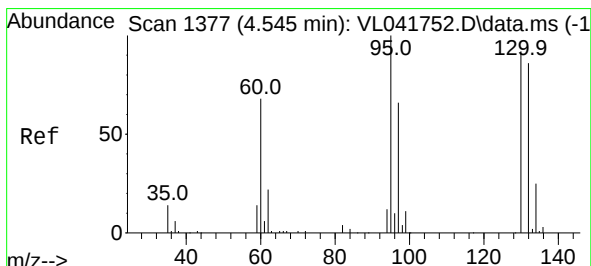
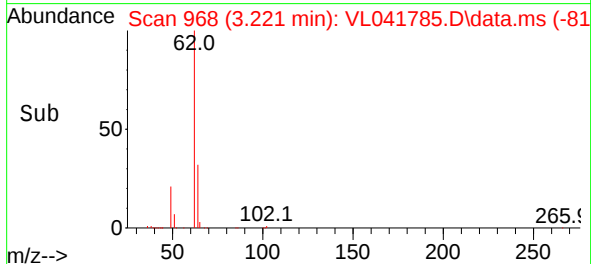
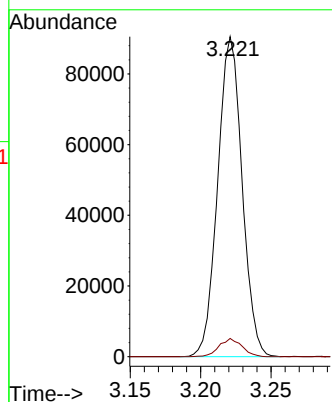
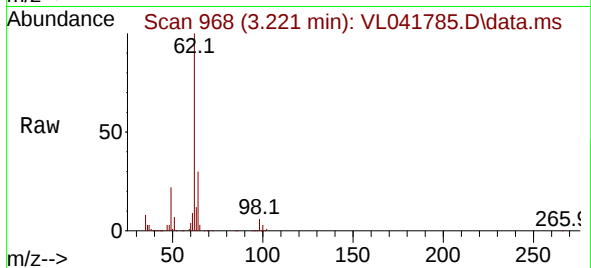




#37
1,2-Dichloroethane
Concen: 12.122 ppbv
RT: 3.221 min Scan# 90
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

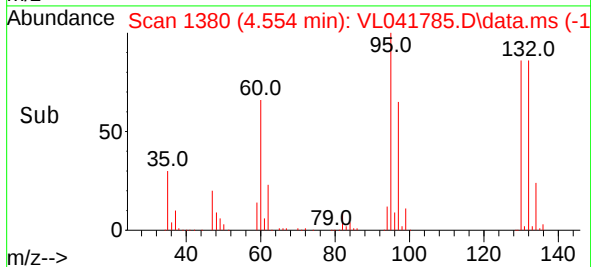
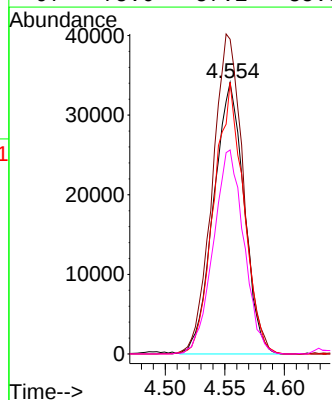
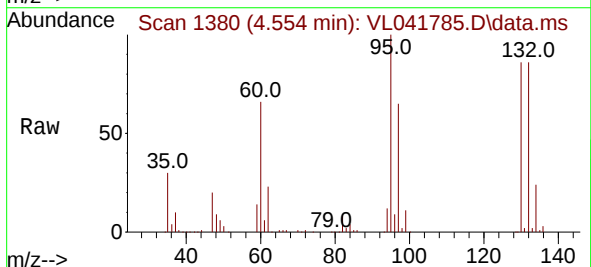
Instrument :
MSVOA_L
ClientSampleId :

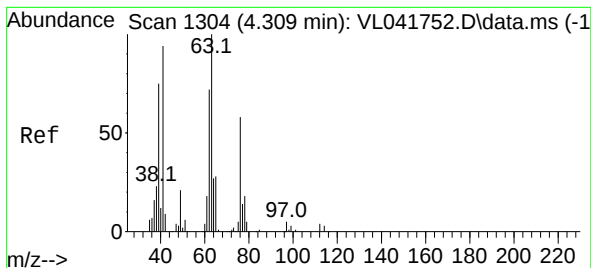
Tgt Ion: 62 Resp: 109290
Ion Ratio Lower Upper
62 100
98 5.3 4.7 7.1



#38
Trichloroethene
Concen: 9.844 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. 0.010 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Tgt Ion:130 Resp: 60544
Ion Ratio Lower Upper
130 100
95 115.8 87.0 130.6
132 99.7 75.0 112.6
97 75.0 57.2 85.8





#39

1,2-Dichloropropane

Concen: 10.476 ppbv

RT: 4.318 min Scan# 1307

Delta R.T. 0.010 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

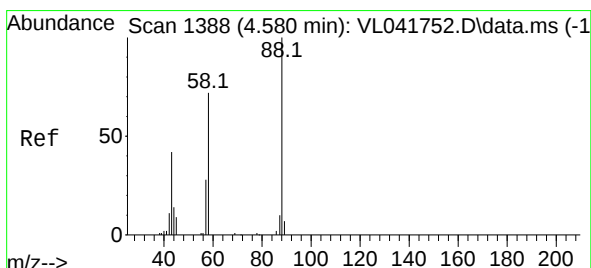
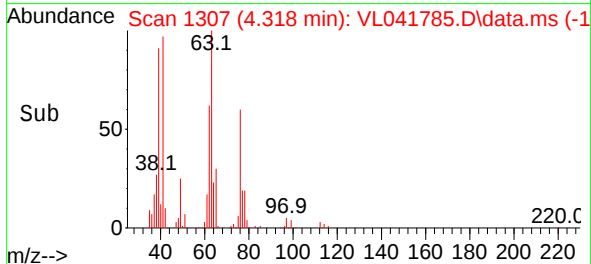
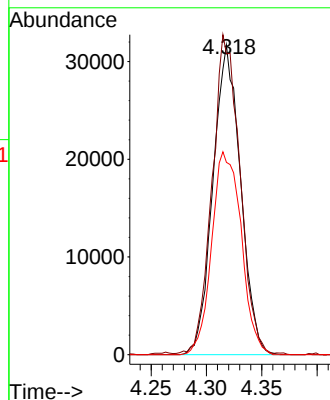
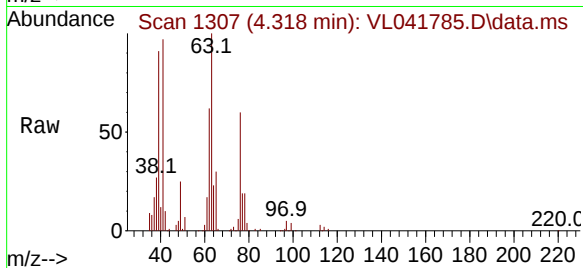
Tgt Ion: 63 Resp: 54900

Ion Ratio Lower Upper

63 100

41 96.7 75.3 112.9

62 62.1 57.3 85.9



#40

1,4-Dioxane

Concen: 9.192 ppbv

RT: 4.590 min Scan# 1391

Delta R.T. 0.010 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Tgt Ion: 88 Resp: 23530

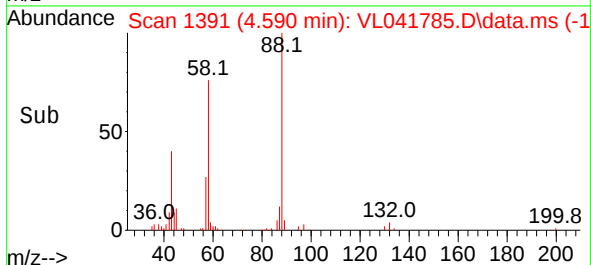
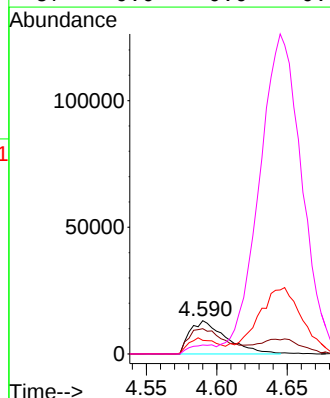
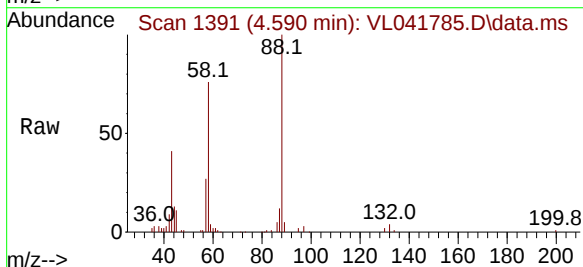
Ion Ratio Lower Upper

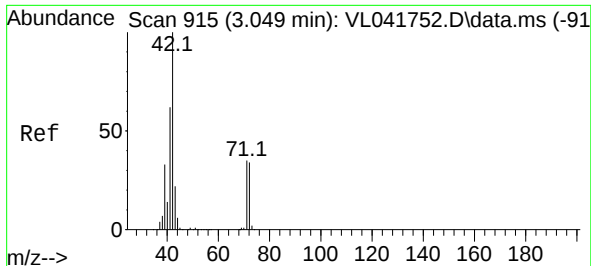
88 100

58 79.0 61.0 91.6

43 44.2 29.4 44.0#

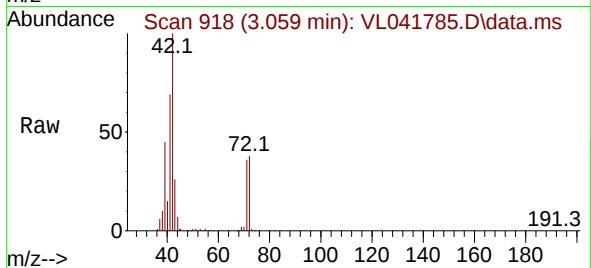
57 0.0 0.0 0.0



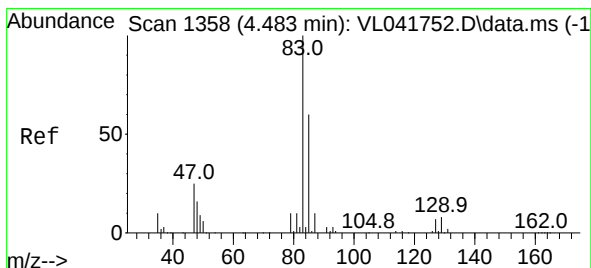
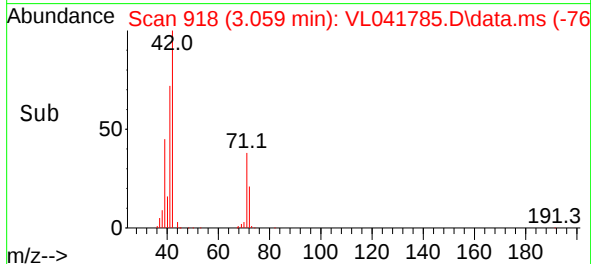
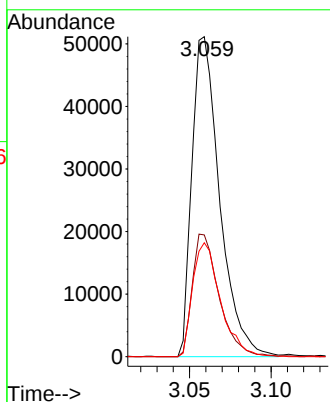


#41
Tetrahydrofuran
Concen: 9.613 ppbv
RT: 3.059 min Scan# 915
Delta R.T. 0.010 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Instrument :
MSVOA_L
ClientSampleId :

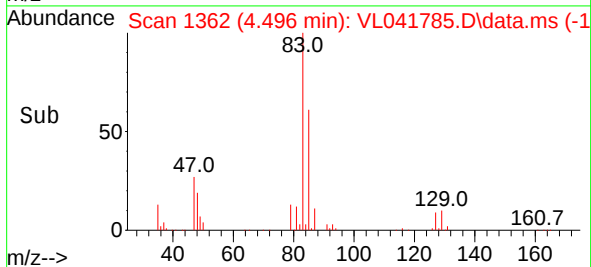
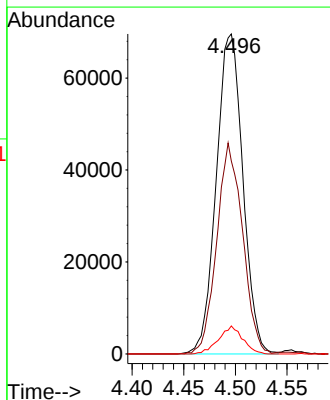
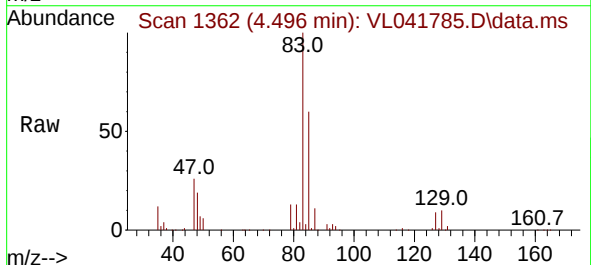


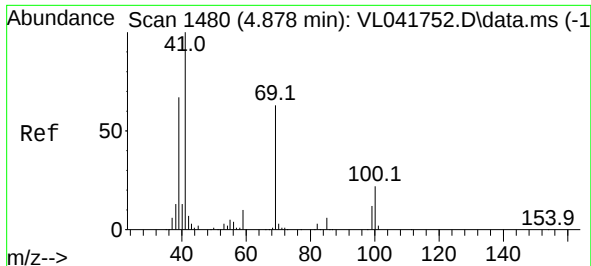
Tgt Ion: 42 Resp: 60687
Ion Ratio Lower Upper
42 100
72 37.0 29.1 43.7
71 35.5 28.4 42.6



#42
Bromodichloromethane
Concen: 12.053 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.013 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Tgt Ion: 83 Resp: 125015
Ion Ratio Lower Upper
83 100
85 60.3 48.0 72.0
127 8.8 5.8 8.8

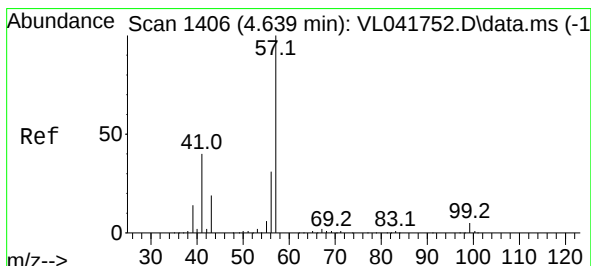
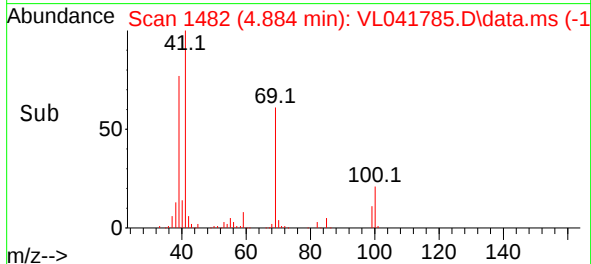
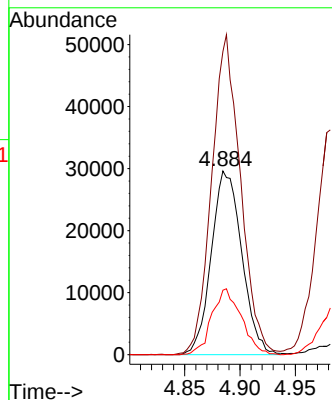
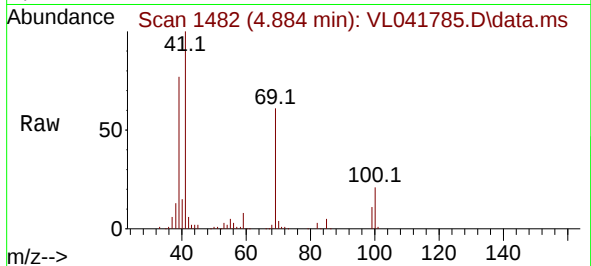




#43
Methyl Methacrylate
Concen: 10.287 ppbv
RT: 4.884 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

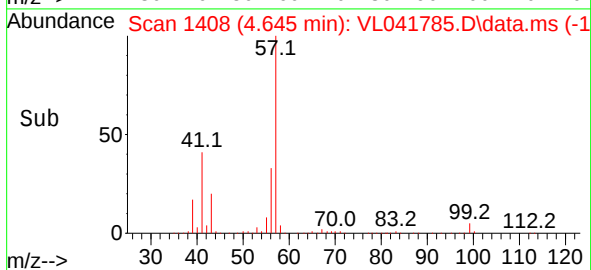
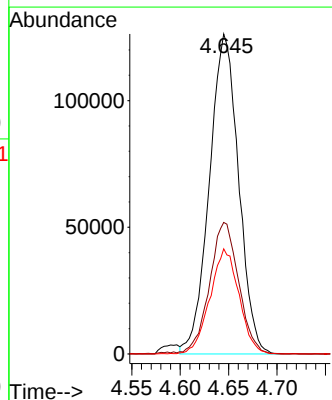
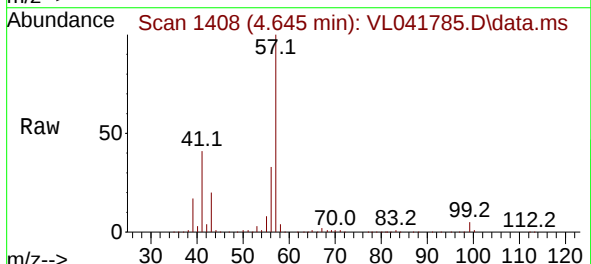
Instrument :
MSVOA_L
ClientSampleId :

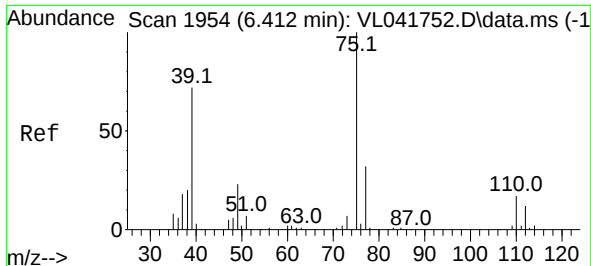
Tgt Ion: 69 Resp: 56790
Ion Ratio Lower Upper
69 100
41 165.0 130.3 195.5
100 34.7 28.3 42.5



#44
2,2,4-Trimethylpentane
Concen: 10.723 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Tgt Ion: 57 Resp: 265340
Ion Ratio Lower Upper
57 100
41 41.5 30.7 46.1
56 32.6 25.4 38.0





#45

t-1,3-Dichloropropene

Concen: 9.305 ppbv

RT: 6.422 min Scan# 1954

Delta R.T. 0.010 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

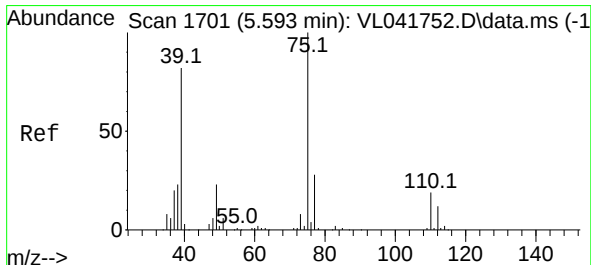
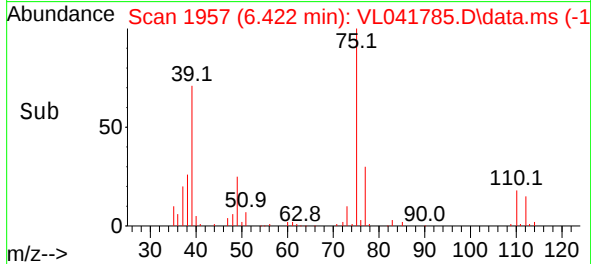
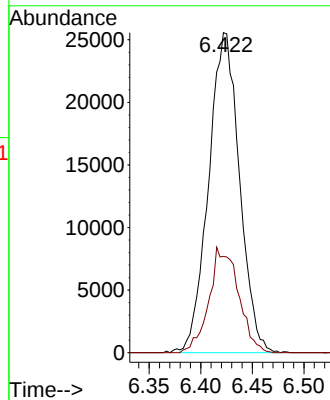
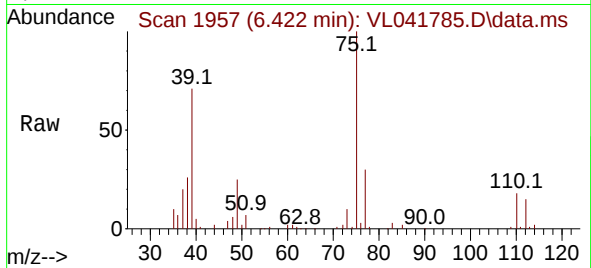
ClientSampleId :

Tgt Ion: 75 Resp: 53137

Ion Ratio Lower Upper

75 100

77 30.1 25.9 38.9



#46

cis-1,3-Dichloropropene

Concen: 9.506 ppbv

RT: 5.609 min Scan# 1706

Delta R.T. 0.016 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

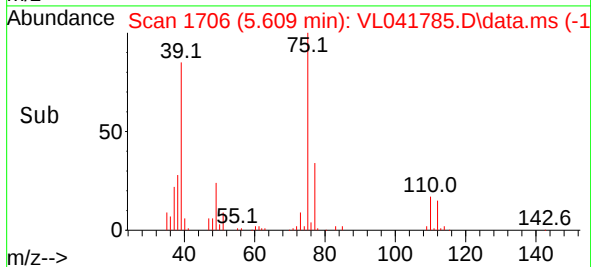
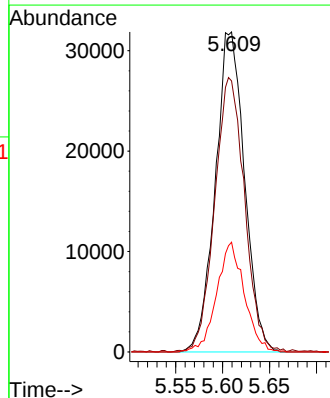
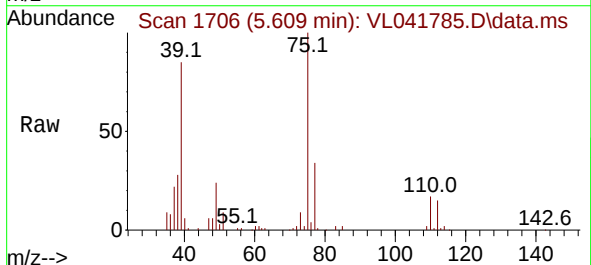
Tgt Ion: 75 Resp: 68915

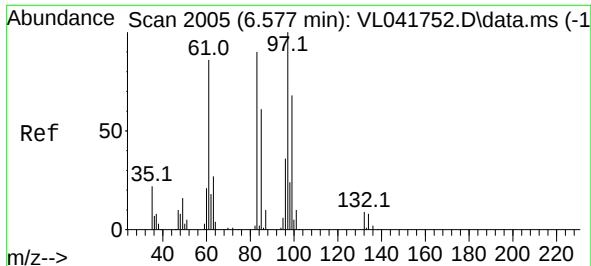
Ion Ratio Lower Upper

75 100

39 84.2 65.2 97.8

77 34.1 22.0 33.0#





#47

1,1,2-Trichloroethane

Concen: 10.965 ppbv

RT: 6.587 min Scan# 2005

Delta R.T. 0.010 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 60020

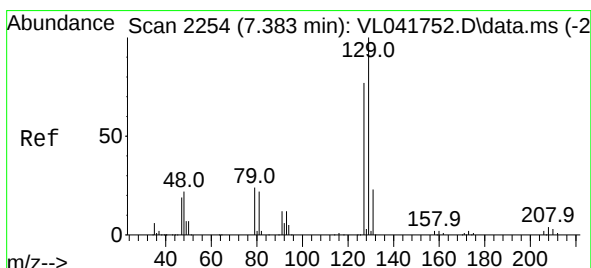
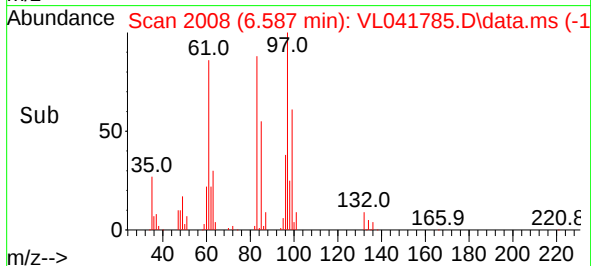
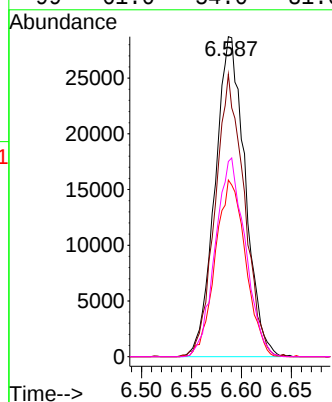
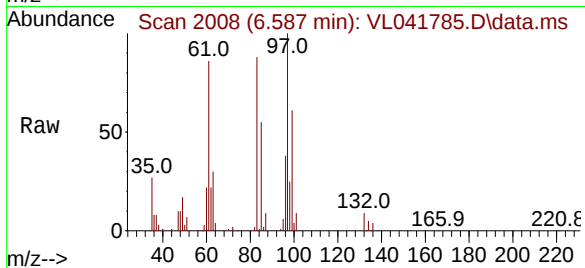
Ion Ratio Lower Upper

97 100

83 88.0 72.3 108.5

85 55.2 48.5 72.7

99 61.0 54.0 81.0



#48

Dibromochloromethane

Concen: 11.771 ppbv

RT: 7.396 min Scan# 2258

Delta R.T. 0.013 min

Lab File: VL041785.D

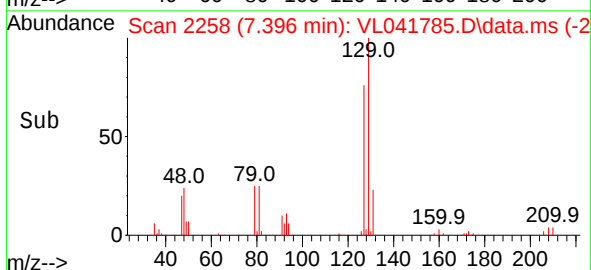
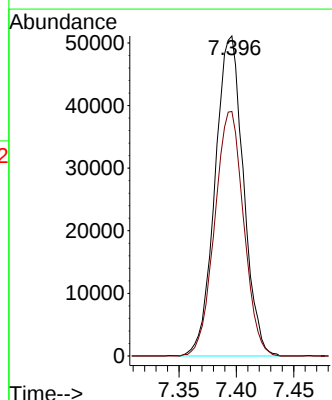
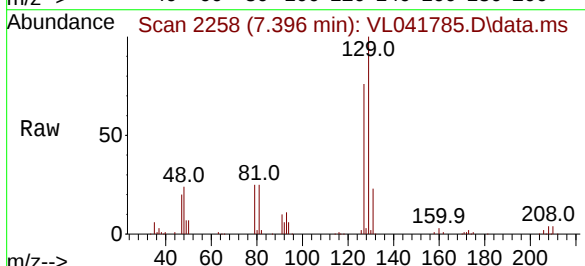
Acq: 17 Dec 2024 18:21

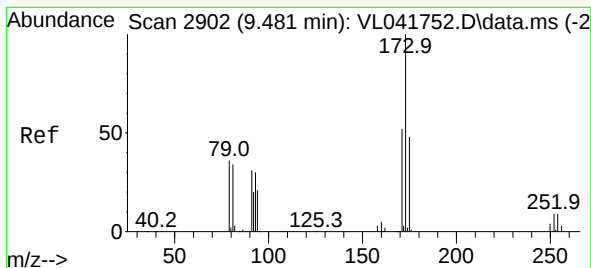
Tgt Ion: 129 Resp: 87978

Ion Ratio Lower Upper

129 100

127 78.0 38.8 116.3





#49

Bromoform

Concen: 11.367 ppbv

RT: 9.487 min Scan# 20

Delta R.T. 0.006 min

Lab File: VL041785.D

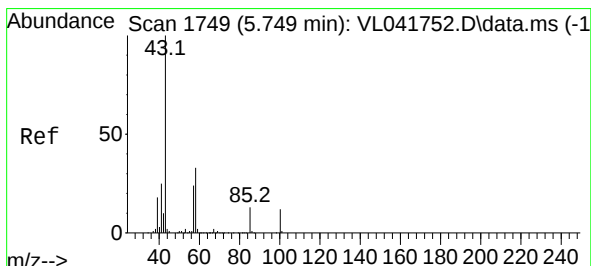
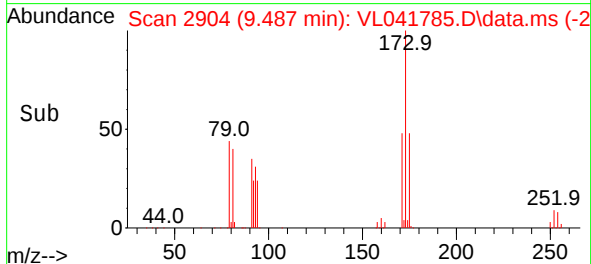
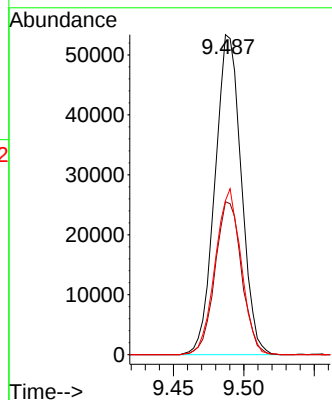
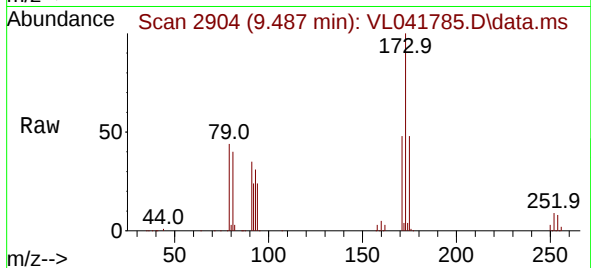
Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:173	Resp:	69543
Ion Ratio	Lower	Upper
173	100	
175	48.5	38.2 57.2
171	51.1	41.1 61.7



#50

4-Methyl-2-Pentanone

Concen: 10.527 ppbv

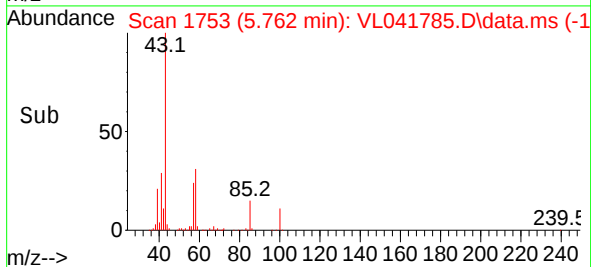
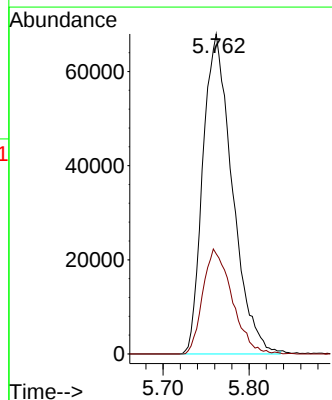
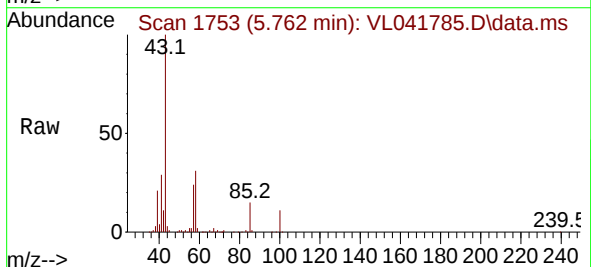
RT: 5.762 min Scan# 1753

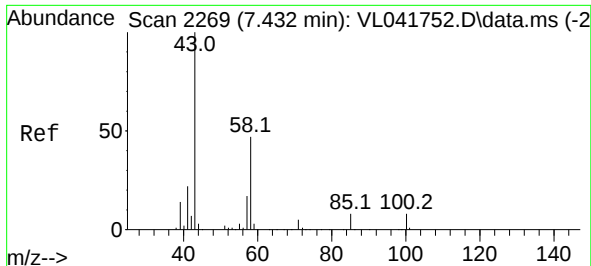
Delta R.T. 0.013 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Tgt Ion: 43	Resp:	161524
Ion Ratio	Lower	Upper
43	100	
58	32.6	26.8 40.2

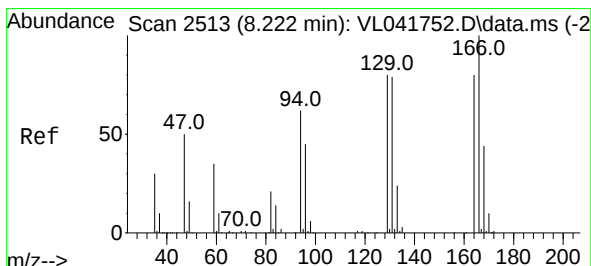
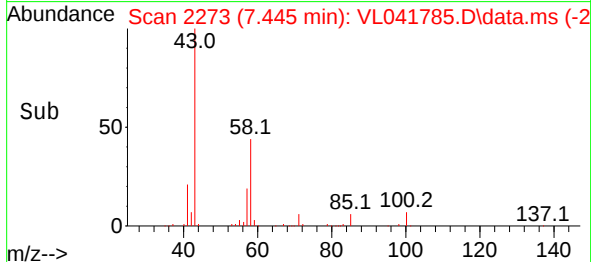
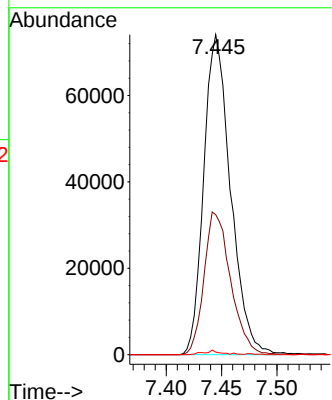
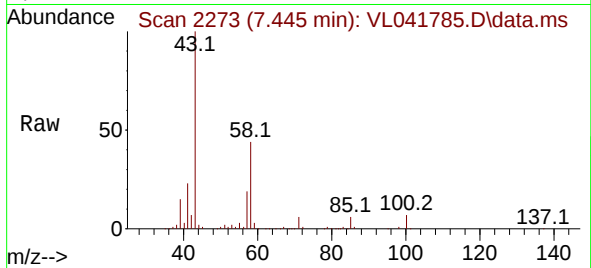




#51
2-Hexanone
Concen: 10.041 ppbv
RT: 7.445 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

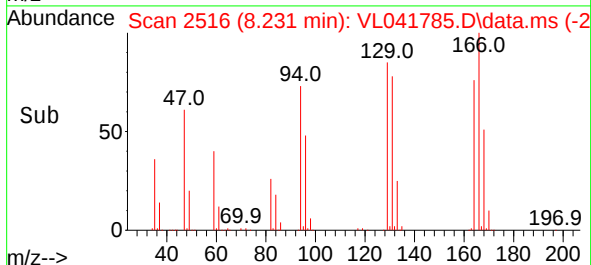
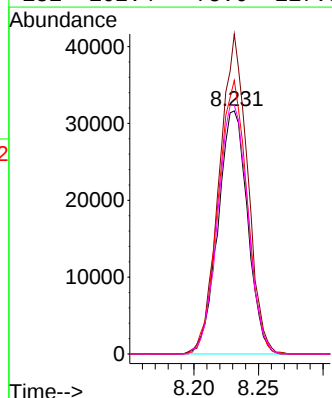
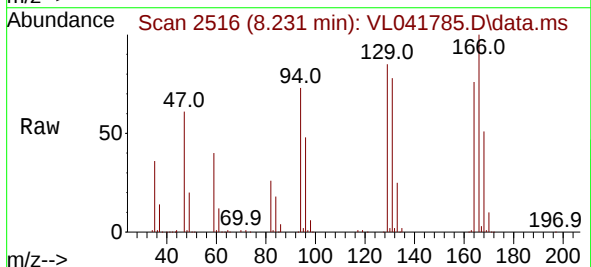
Instrument :
MSVOA_L
ClientSampleId :

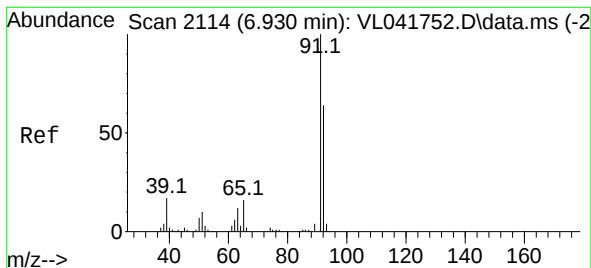
Tgt Ion: 43 Resp: 124882
Ion Ratio Lower Upper
43 100
58 44.2 36.6 55.0
98 0.9 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.348 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.010 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Tgt Ion: 164 Resp: 50417
Ion Ratio Lower Upper
164 100
166 131.7 99.8 149.6
129 112.6 79.6 119.4
131 102.4 78.6 117.8





#53

Toluene

Concen: 10.010 ppbv

RT: 6.940 min Scan# 2117

Delta R.T. 0.010 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

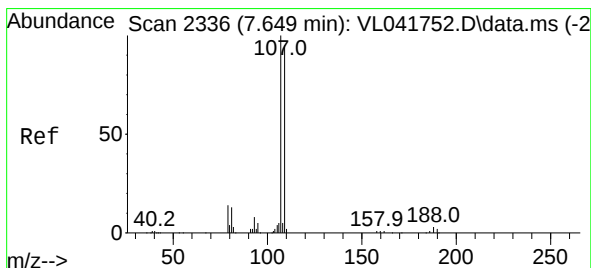
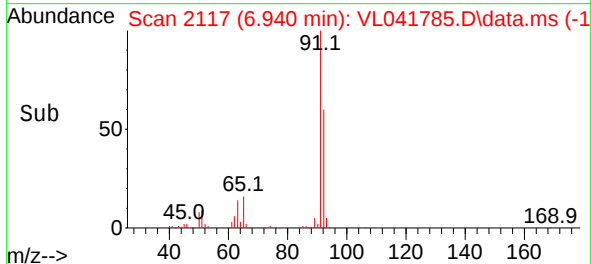
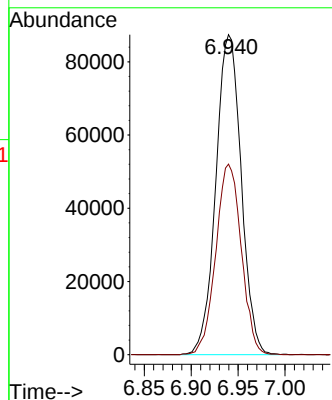
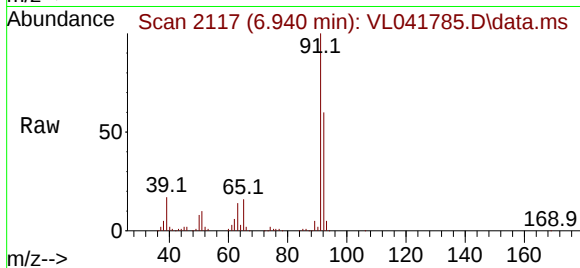
ClientSampleId :

Tgt Ion: 91 Resp: 164444

Ion Ratio Lower Upper

91 100

92 59.8 47.9 71.9



#54

1,2-Dibromoethane

Concen: 10.764 ppbv

RT: 7.655 min Scan# 2338

Delta R.T. 0.006 min

Lab File: VL041785.D

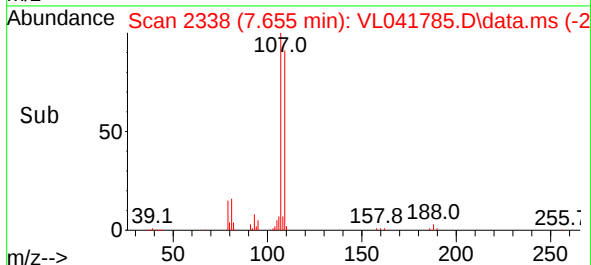
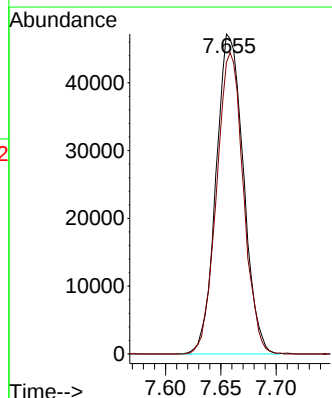
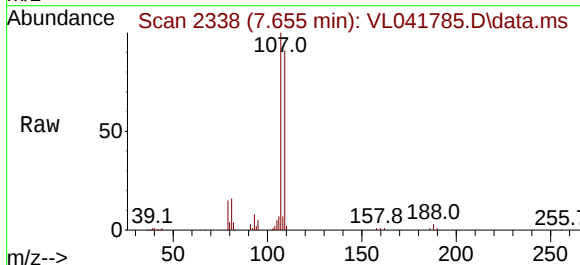
Acq: 17 Dec 2024 18:21

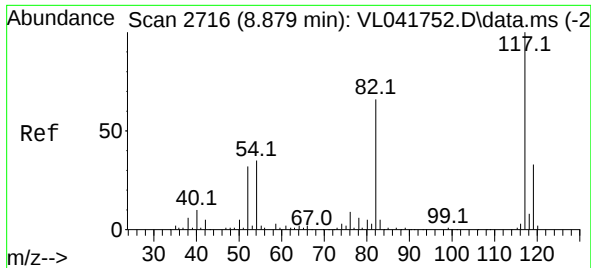
Tgt Ion: 107 Resp: 81185

Ion Ratio Lower Upper

107 100

109 91.1 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 2718

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

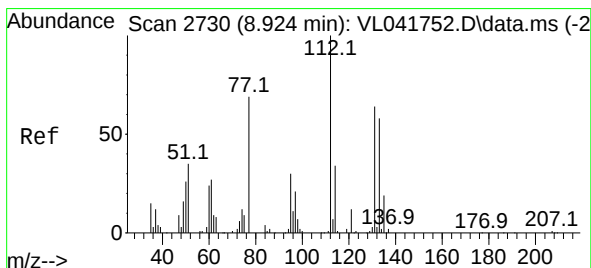
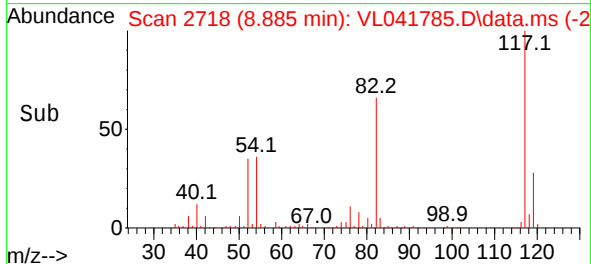
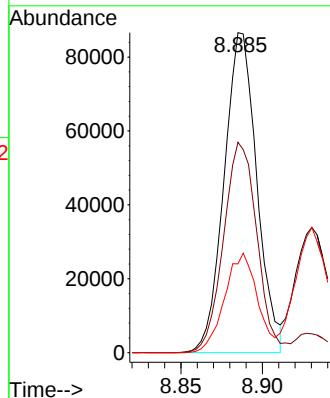
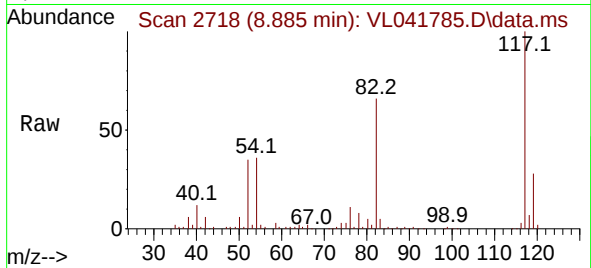
Tgt Ion:117 Resp: 121094

Ion Ratio Lower Upper

117 100

82 67.4 53.8 80.8

119 31.2 26.7 40.1



#56

1,1,1,2-Tetrachloroethane

Concen: 12.143 ppbv

RT: 8.930 min Scan# 2732

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

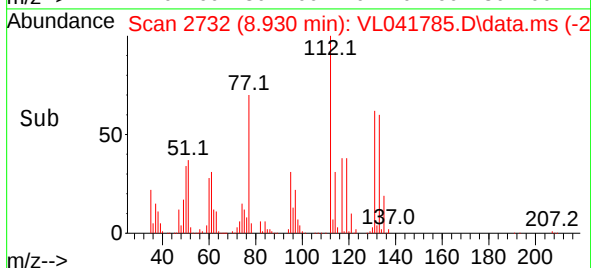
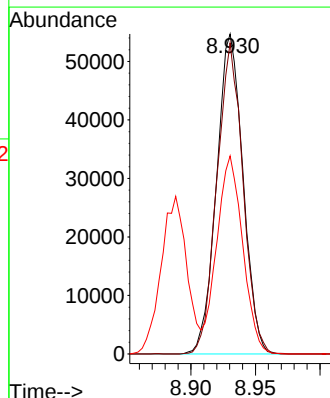
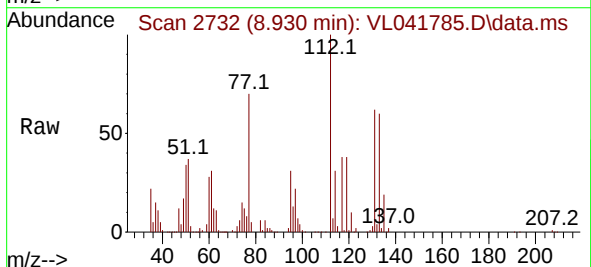
Tgt Ion:131 Resp: 77953

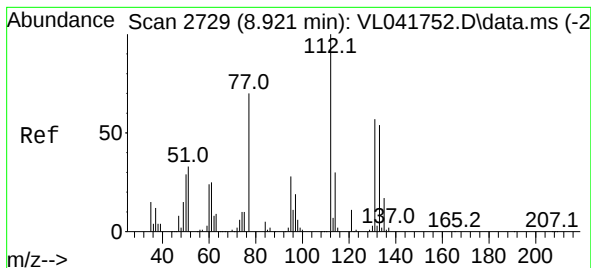
Ion Ratio Lower Upper

131 100

133 95.6 76.8 115.2

119 61.8 49.0 73.6





#57

Chlorobenzene

Concen: 10.788 ppbv

RT: 8.927 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

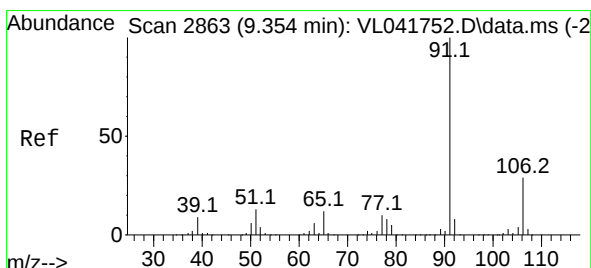
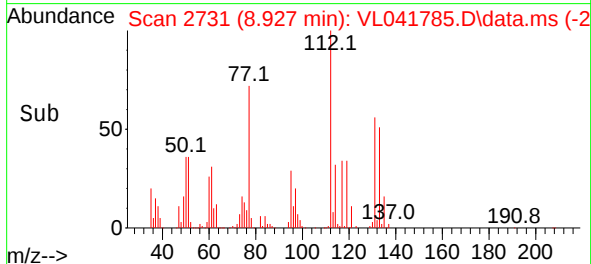
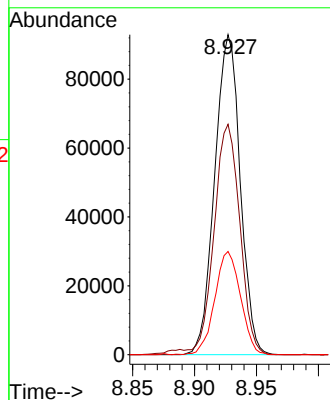
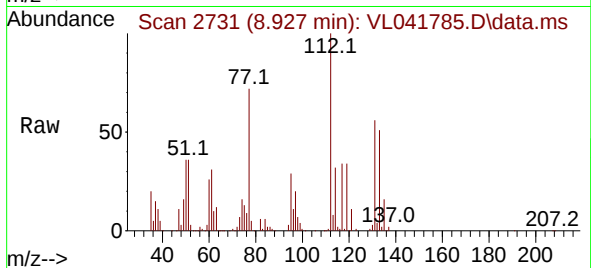
Tgt Ion:112 Resp: 133682

Ion Ratio Lower Upper

112 100

77 71.9 57.4 86.0

114 32.2 27.4 33.4



#58

Ethyl Benzene

Concen: 10.927 ppbv

RT: 9.361 min Scan# 2865

Delta R.T. 0.006 min

Lab File: VL041785.D

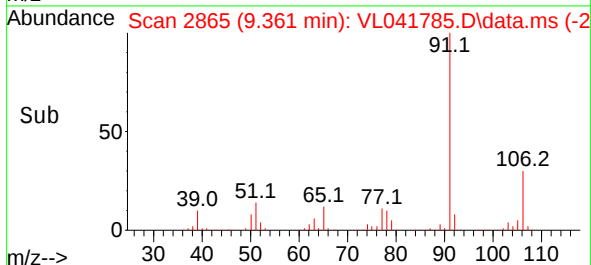
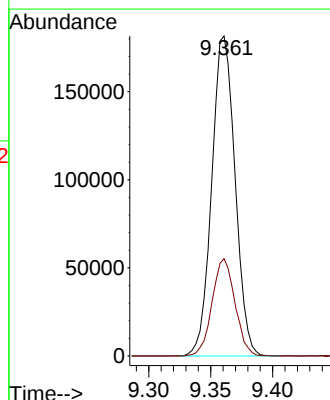
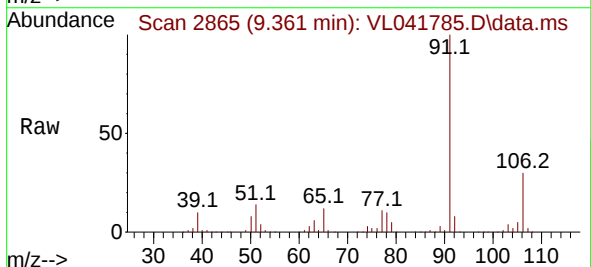
Acq: 17 Dec 2024 18:21

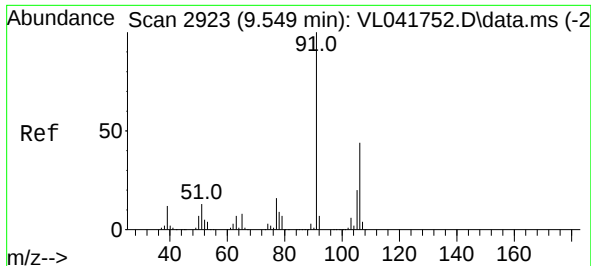
Tgt Ion: 91 Resp: 238227

Ion Ratio Lower Upper

91 100

106 30.4 23.5 35.3





#59

m/p-Xylene

Concen: 11.661 ppbv

RT: 9.555 min Scan# 20

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

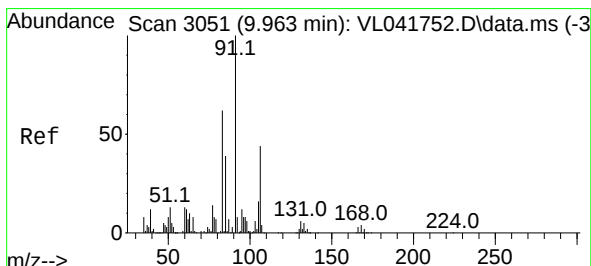
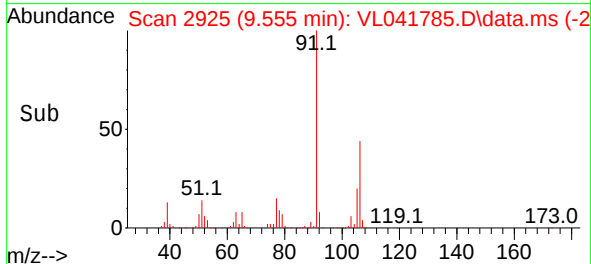
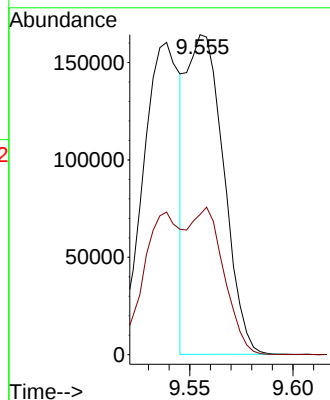
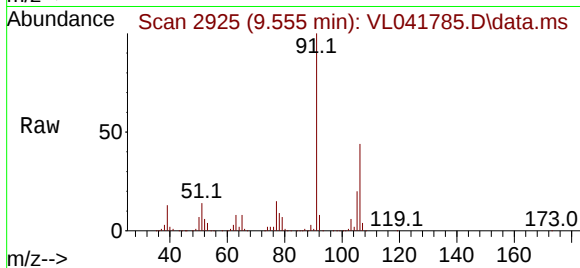
ClientSampleId :

Tgt Ion: 91 Resp: 204406

Ion Ratio Lower Upper

91 100

106 89.2 0.0 0.0#



#60

o-Xylene

Concen: 11.589 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. 0.006 min

Lab File: VL041785.D

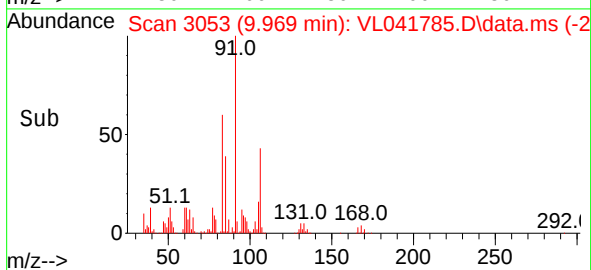
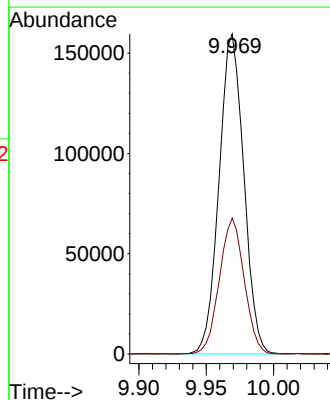
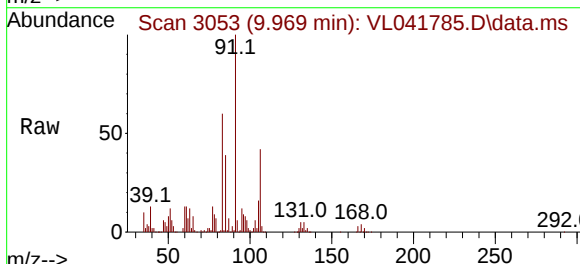
Acq: 17 Dec 2024 18:21

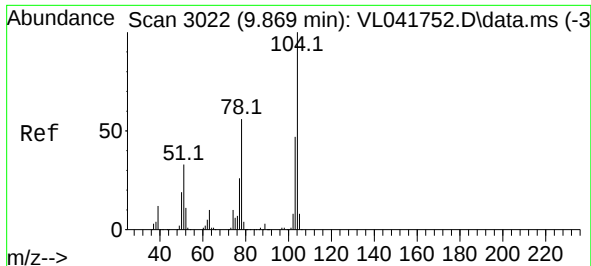
Tgt Ion: 91 Resp: 203719

Ion Ratio Lower Upper

91 100

106 42.5 21.1 63.4

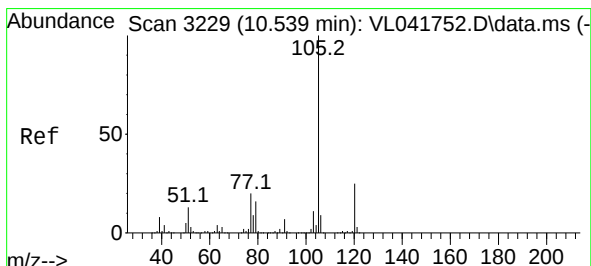
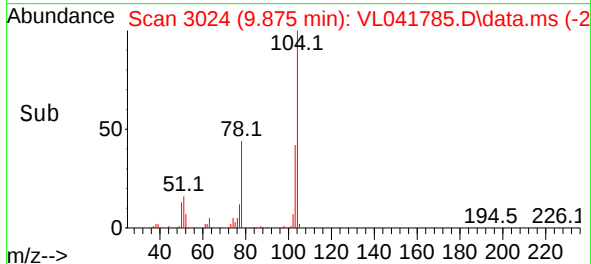
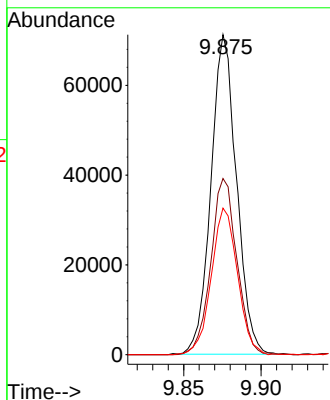
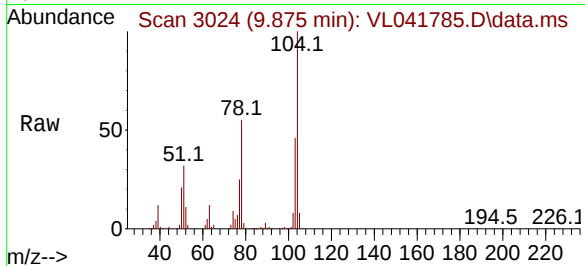




#61
Styrene
Concen: 10.738 ppbv
RT: 9.875 min Scan# 3022
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

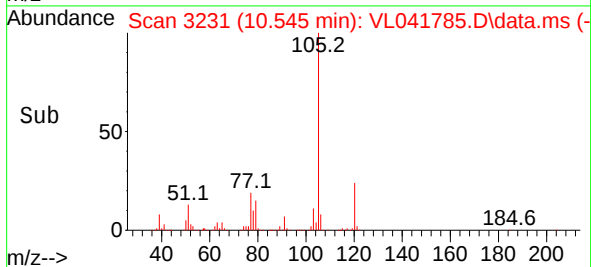
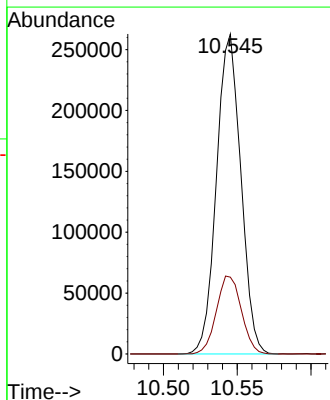
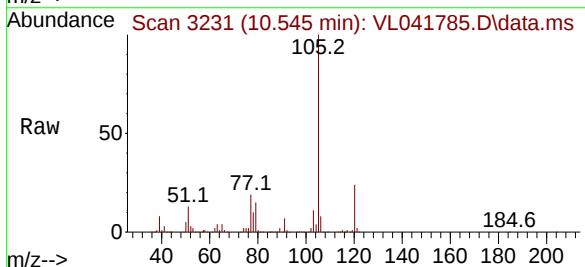
Instrument :
MSVOA_L
ClientSampleId :

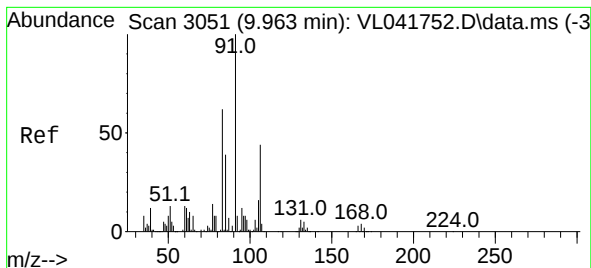
Tgt Ion:104 Resp: 81621
Ion Ratio Lower Upper
104 100
78 56.2 43.8 65.6
103 47.2 37.8 56.6



#62
Isopropylbenzene
Concen: 11.407 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Tgt Ion:105 Resp: 301277
Ion Ratio Lower Upper
105 100
120 25.0 19.8 29.8

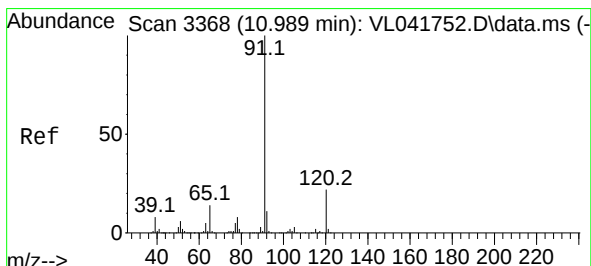
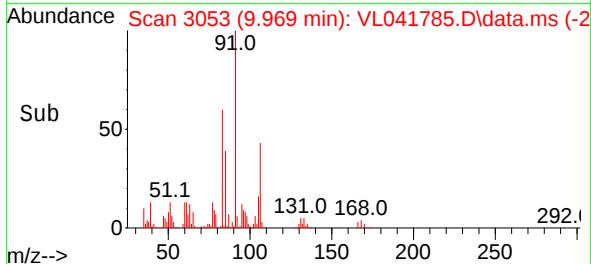
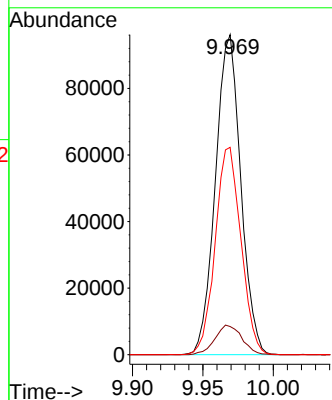
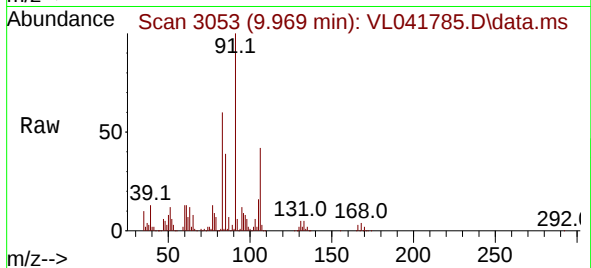




#63
1,1,2,2-Tetrachloroethane
Concen: 10.959 ppbv
RT: 9.969 min Scan# 3051
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

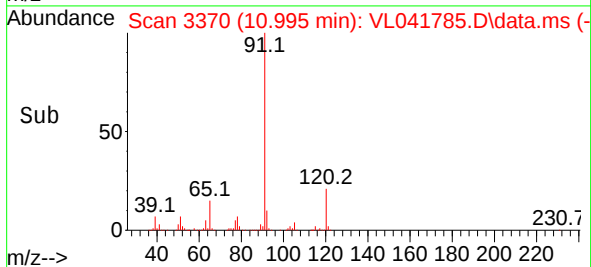
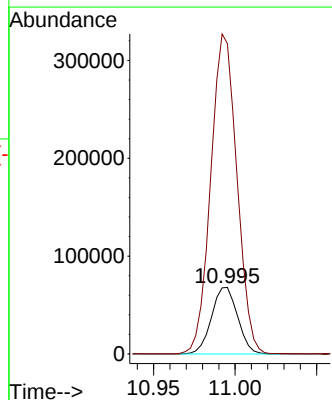
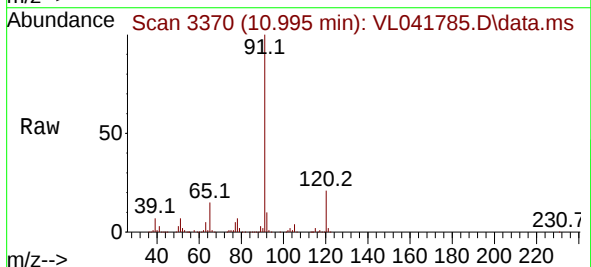
Instrument :
MSVOA_L
ClientSampleId :

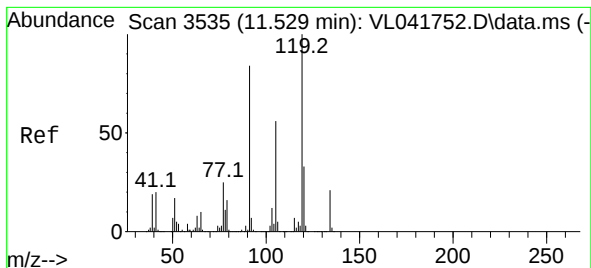
Tgt Ion: 83 Resp: 120585
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 65.7 32.0 96.2



#64
n-propylbenzene
Concen: 11.330 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.006 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

Tgt Ion:120 Resp: 75657
Ion Ratio Lower Upper
120 100
91 483.7 387.3 580.9





#65

tert-Butylbenzene

Concen: 11.138 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

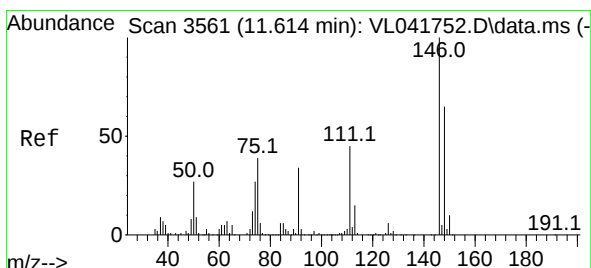
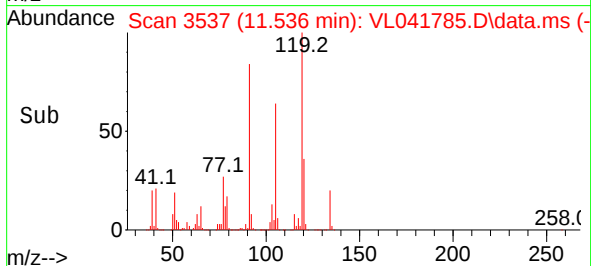
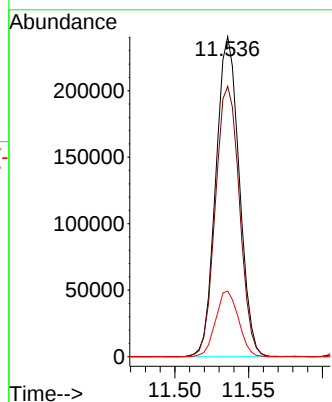
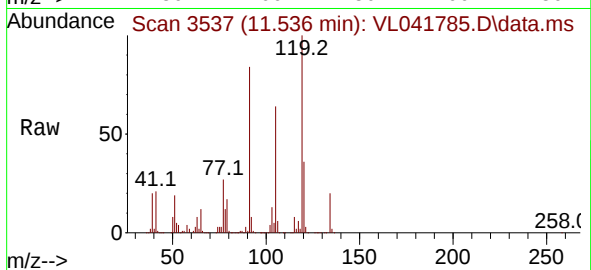
Tgt Ion:119 Resp: 265393

Ion Ratio Lower Upper

119 100

91 87.0 67.0 100.4

134 20.1 16.5 24.7



#66

Benzyl Chloride

Concen: 7.340 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

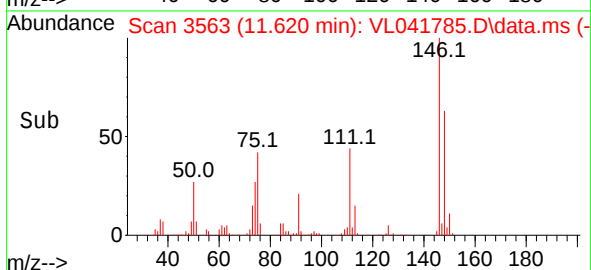
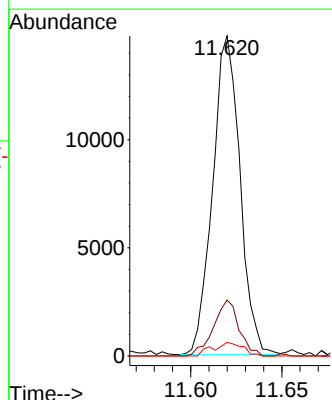
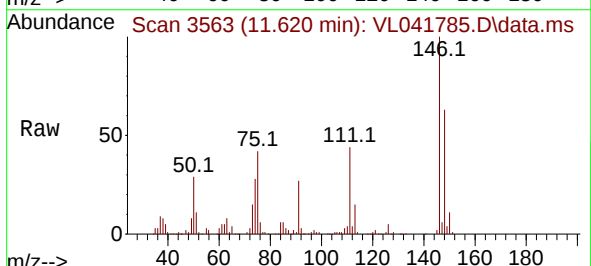
Tgt Ion: 91 Resp: 15405

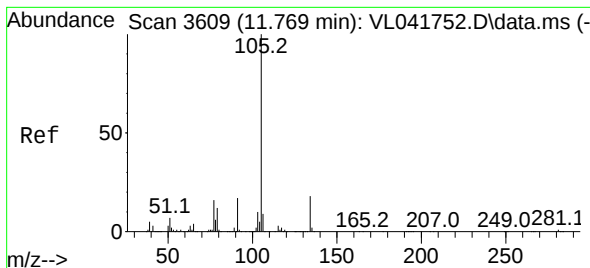
Ion Ratio Lower Upper

91 100

126 16.5 13.9 20.9

128 4.7 4.4 6.6





#67

sec-Butylbenzene

Concen: 11.206 ppbv

RT: 11.772 min Scan# 3610

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

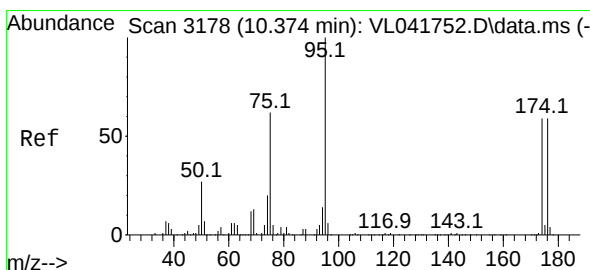
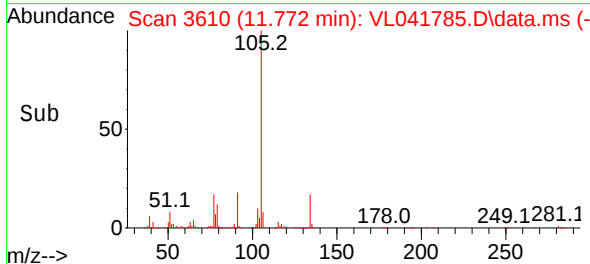
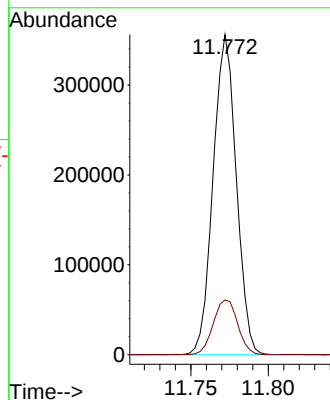
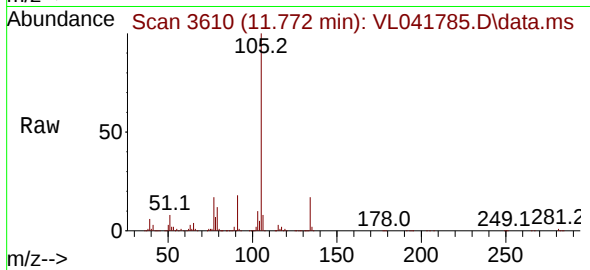
ClientSampleId :

Tgt Ion:105 Resp: 369494

Ion Ratio Lower Upper

105 100

134 18.1 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 10.452 ppbv

RT: 10.380 min Scan# 3180

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

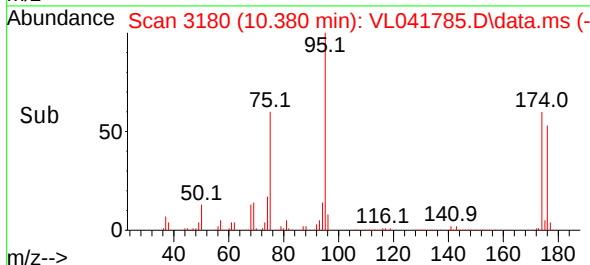
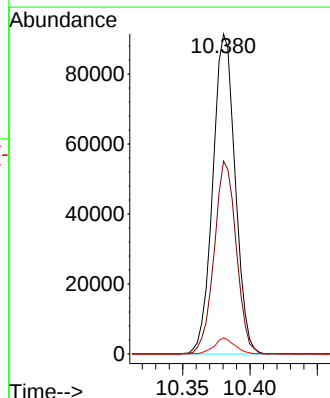
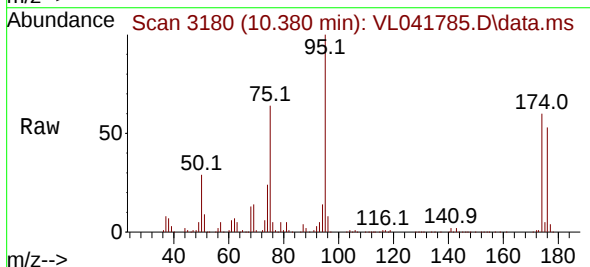
Tgt Ion: 95 Resp: 105471

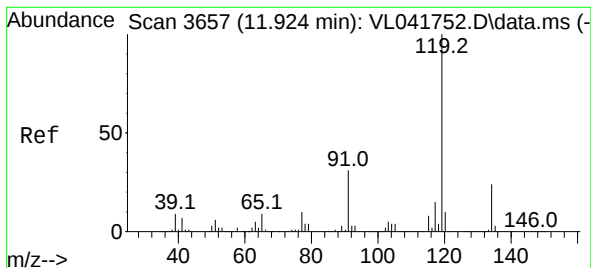
Ion Ratio Lower Upper

95 100

174 59.6 47.6 71.4

175 4.7 3.7 5.5





#69

p-Isopropyltoluene

Concen: 10.815 ppbv

RT: 11.931 min Scan# 3

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

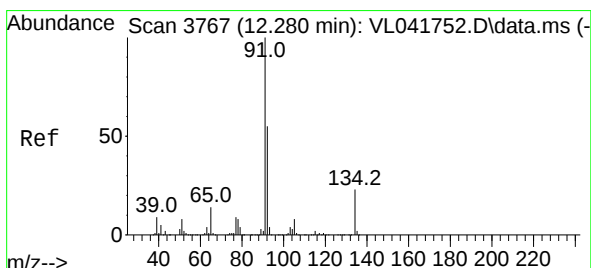
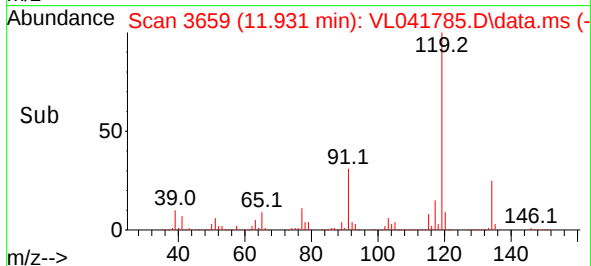
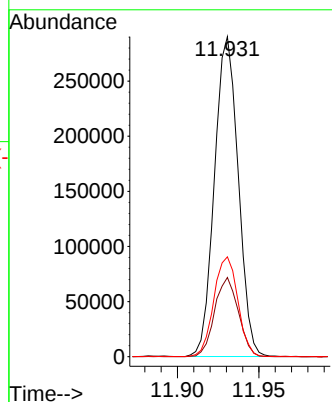
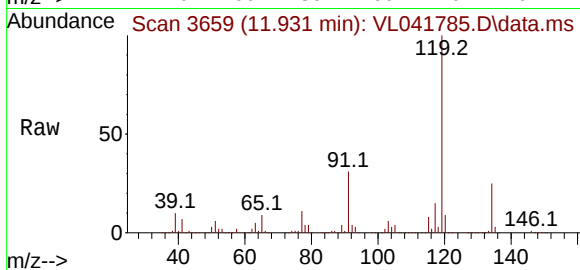
Tgt Ion:119 Resp: 293875

Ion Ratio Lower Upper

119 100

134 24.8 19.6 29.4

91 31.8 24.4 36.6



#70

n-Butylbenzene

Concen: 10.915 ppbv

RT: 12.287 min Scan# 3769

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

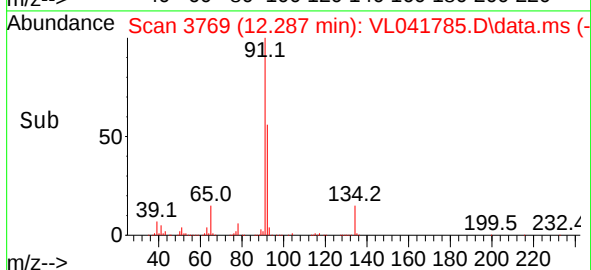
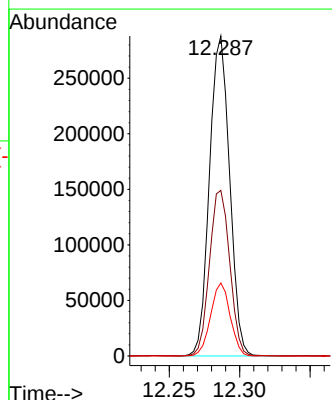
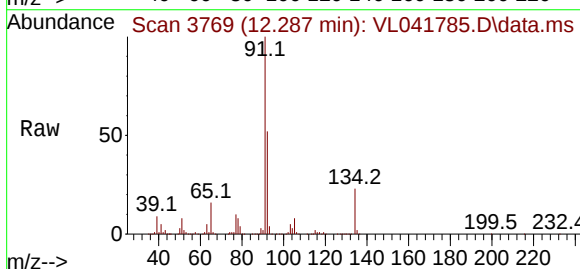
Tgt Ion: 91 Resp: 286572

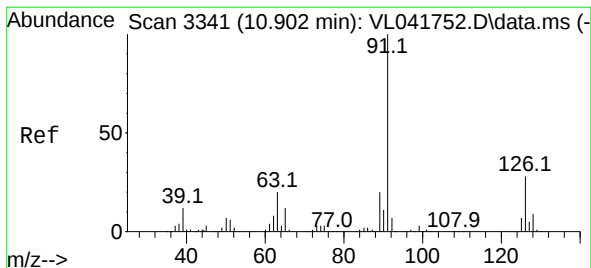
Ion Ratio Lower Upper

91 100

92 52.3 43.2 64.8

134 22.1 18.2 27.4





#71

2-Chlorotoluene

Concen: 10.800 ppbv

RT: 10.905 min Scan# 3410

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

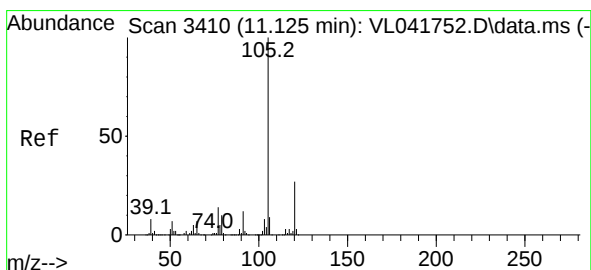
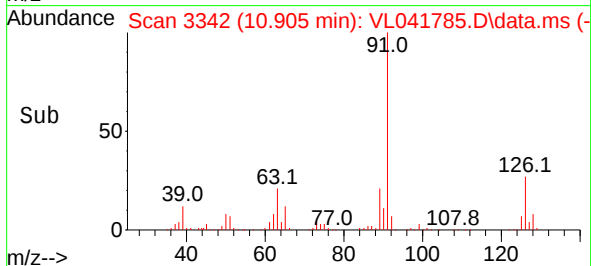
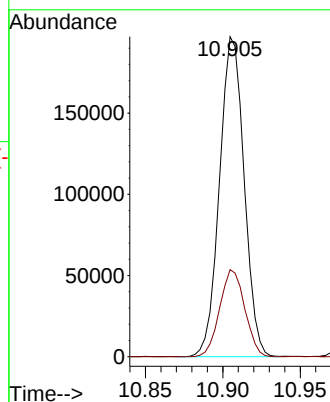
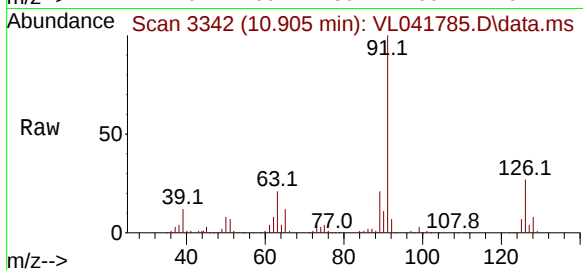
ClientSampleId :

Tgt Ion: 91 Resp: 217719

Ion Ratio Lower Upper

91 100

126 27.6 11.6 46.4



#72

4-Ethyltoluene

Concen: 11.266 ppbv

RT: 11.128 min Scan# 3411

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Tgt Ion:105 Resp: 233768

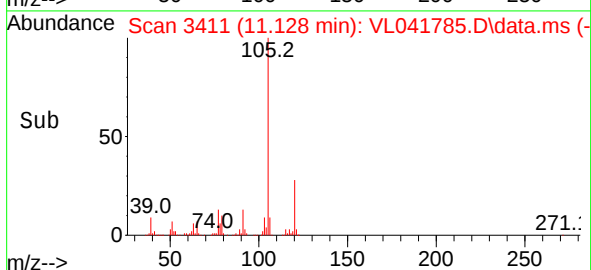
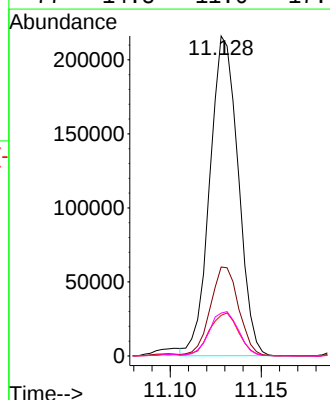
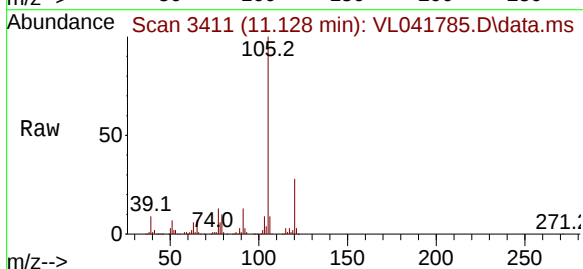
Ion Ratio Lower Upper

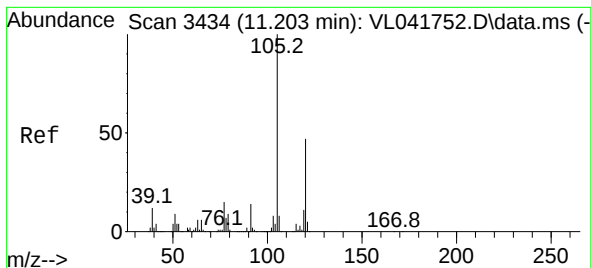
105 100

120 28.5 23.3 34.9

91 14.3 10.9 16.3

77 14.8 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 11.582 ppbv

RT: 11.209 min Scan# 3434

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

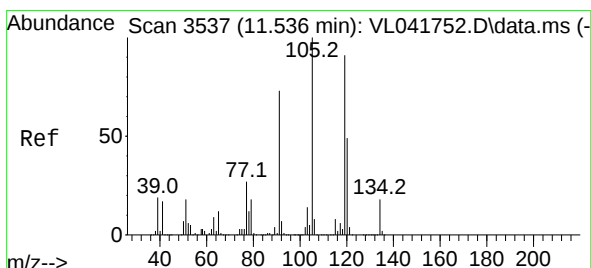
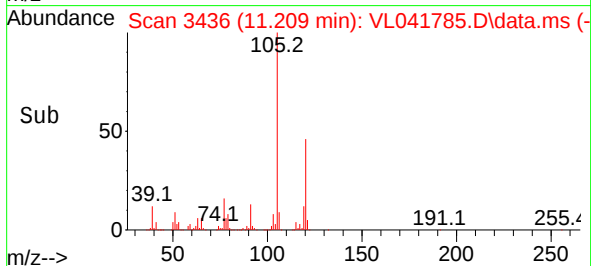
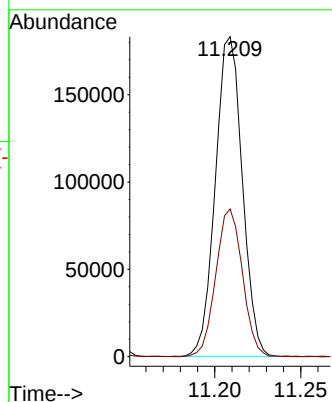
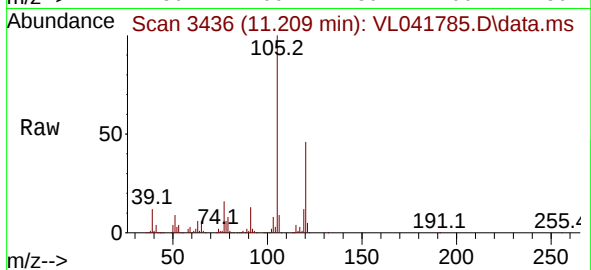
ClientSampleId :

Tgt Ion:105 Resp: 199390

Ion Ratio Lower Upper

105 100

120 46.2 37.4 56.2



#74

1,2,4-Trimethylbenzene

Concen: 11.707 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.006 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Tgt Ion:105 Resp: 216724

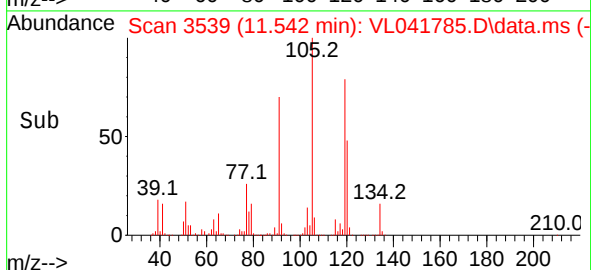
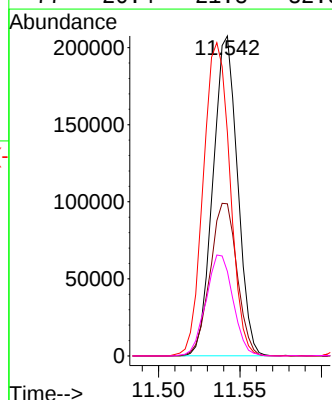
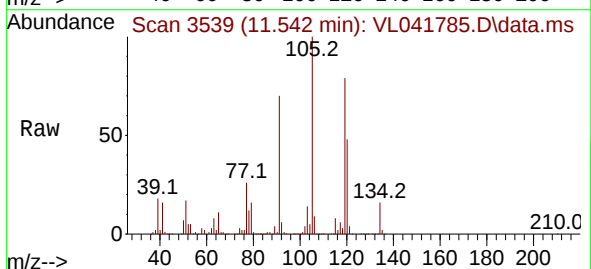
Ion Ratio Lower Upper

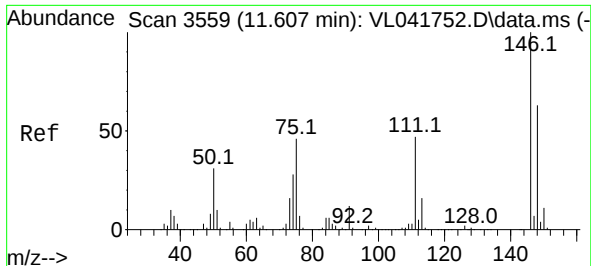
105 100

120 47.5 39.0 58.4

91 69.8 58.1 87.1

77 26.4 21.8 32.8





#75

1,3-Dichlorobenzene

Concen: 10.129 ppbv

RT: 11.610 min Scan# 3560

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

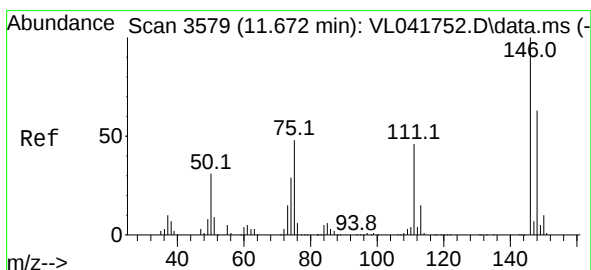
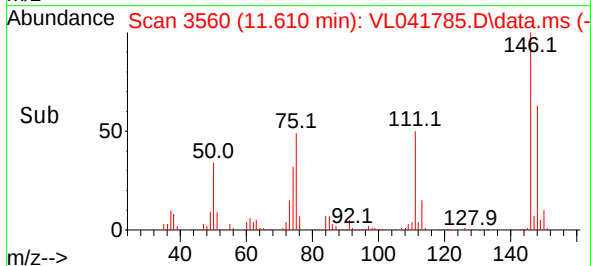
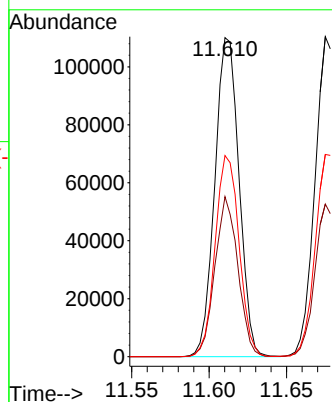
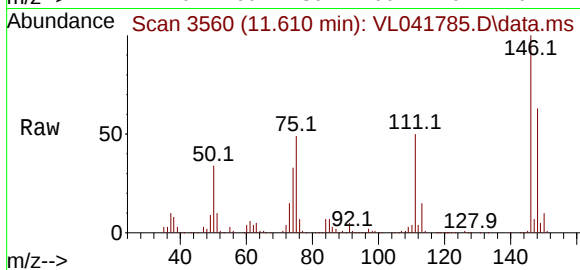
Tgt Ion:146 Resp: 119553

Ion Ratio Lower Upper

146 100

111 47.7 23.4 70.3

148 62.3 31.6 95.0



#76

1,4-Dichlorobenzene

Concen: 10.054 ppbv

RT: 11.675 min Scan# 3580

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

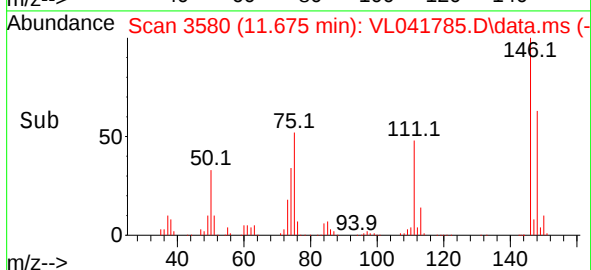
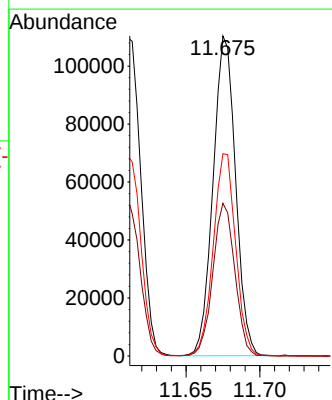
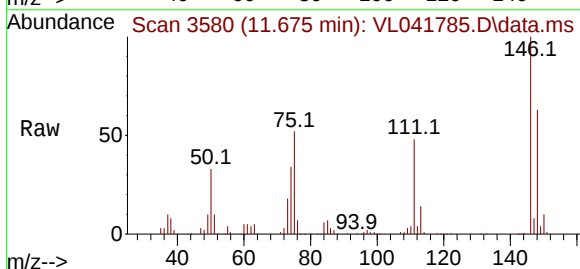
Tgt Ion:146 Resp: 117225

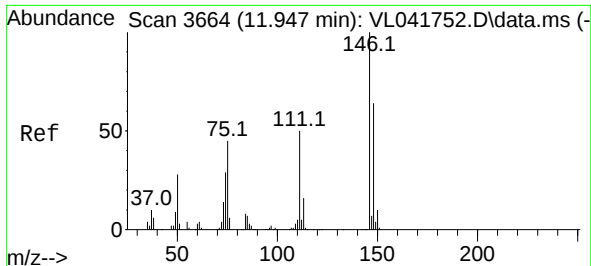
Ion Ratio Lower Upper

146 100

111 46.7 22.7 68.1

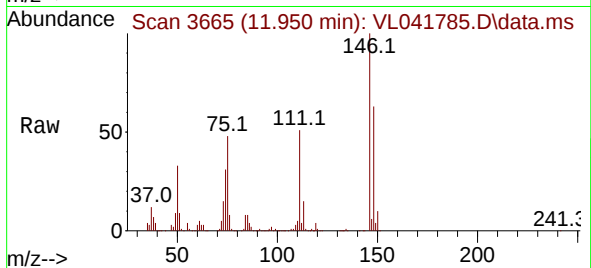
148 62.9 31.4 94.0



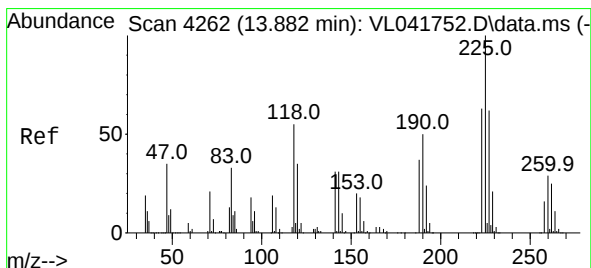
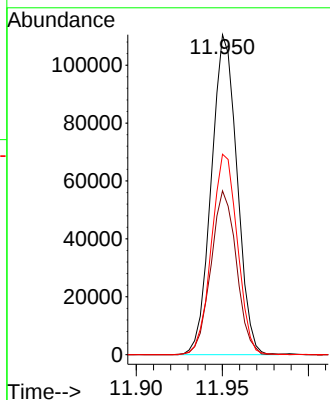
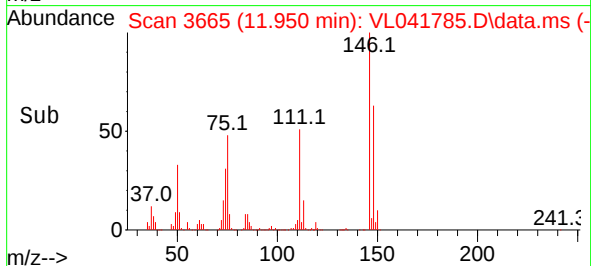


#77
1,2-Dichlorobenzene
Concen: 10.122 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.003 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21

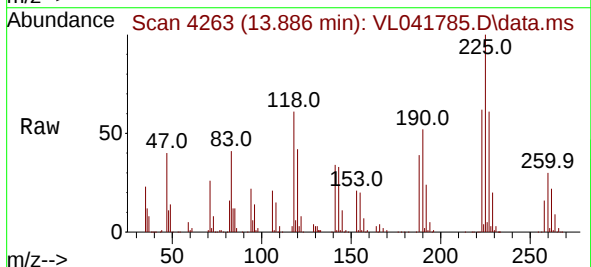
Instrument :
MSVOA_L
ClientSampleId :



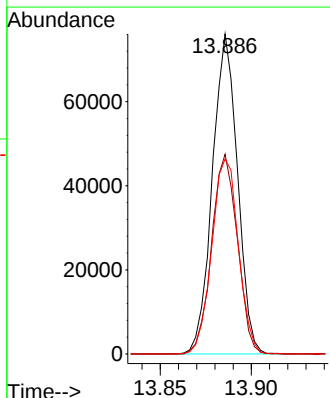
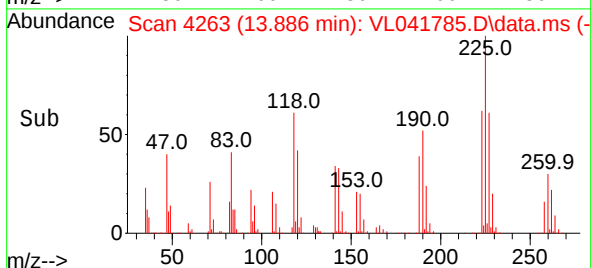
Tgt Ion:146 Resp: 114949
Ion Ratio Lower Upper
146 100
111 50.9 24.8 74.3
148 63.1 31.8 95.4

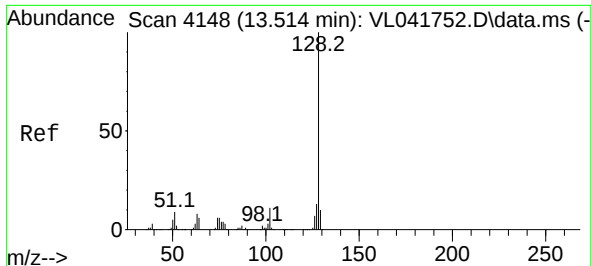


#78
Hexachloro-1,3-Butadiene
Concen: 8.662 ppbv
RT: 13.886 min Scan# 4263
Delta R.T. 0.003 min
Lab File: VL041785.D
Acq: 17 Dec 2024 18:21



Tgt Ion:225 Resp: 72933
Ion Ratio Lower Upper
225 100
223 63.8 50.5 75.7
227 64.6 50.3 75.5





#79

Naphthalene

Concen: 11.679 ppbv

RT: 13.517 min Scan# 4148

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :

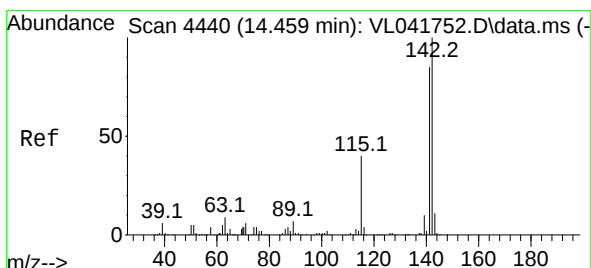
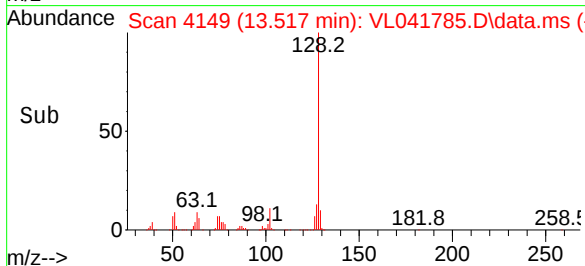
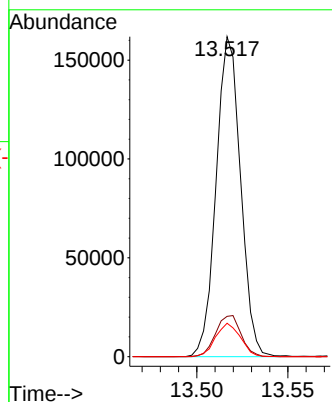
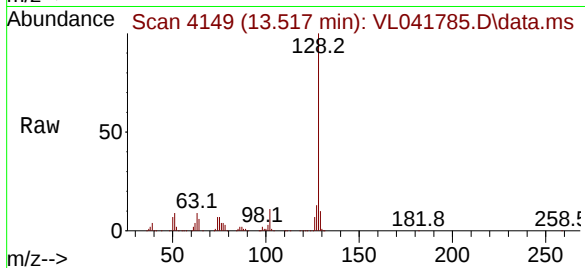
Tgt Ion:128 Resp: 150651

Ion Ratio Lower Upper

128 100

127 12.6 10.7 16.1

129 10.4 8.2 12.4



#80

Naphthalene,2-methyl-

Concen: 12.925 ppbv

RT: 14.462 min Scan# 4441

Delta R.T. 0.003 min

Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

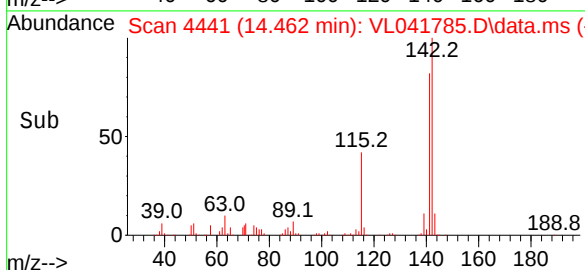
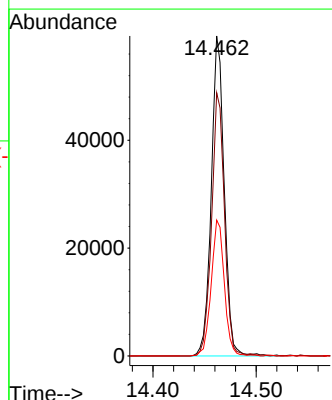
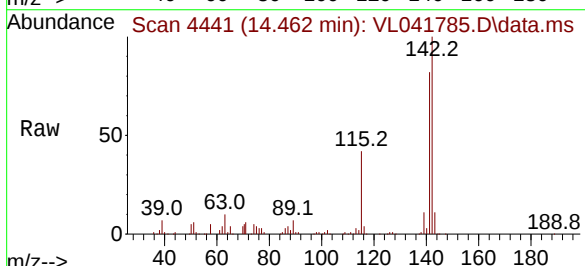
Tgt Ion:142 Resp: 51565

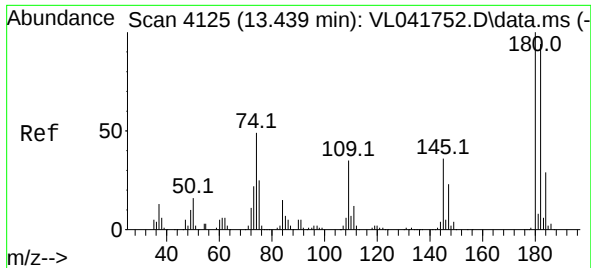
Ion Ratio Lower Upper

142 100

141 82.2 68.4 102.6

115 43.2 32.5 48.7





#81

1,2,4-Trichlorobenzene

Concen: 10.148 ppbv

RT: 13.445 min Scan# 41

Delta R.T. 0.006 min

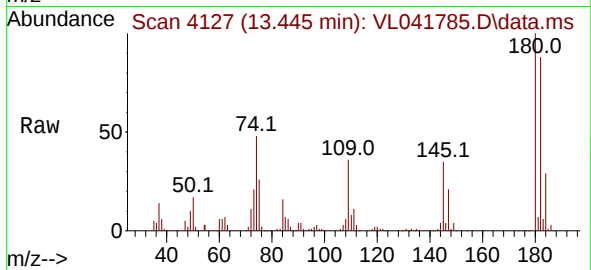
Lab File: VL041785.D

Acq: 17 Dec 2024 18:21

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 71526

Ion Ratio Lower Upper

180 100

182 93.4 77.0 115.6

184 30.9 23.8 35.8

