

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041795.D
 Acq On : 18 Dec 2024 16:06
 Operator : SY/MD
 Sample : VL1218ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1218ABS01

Quant Time: Dec 19 07:55:13 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	2.797	49	72600	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.972	114	183255	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.898	117	159496	10.000	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	143879	10.825	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	112657	8.721	ppbv	99
3) Chlorodifluoromethane	1.479	51	102210	8.633	ppbv	97
4) Chloromethane	1.538	50	46901	9.279	ppbv	100
5) Vinyl Chloride	1.583	62	44104	8.661	ppbv	98
6) Bromomethane	1.674	94	21119	8.788	ppbv	99
7) Chloroethane	1.709	64	18047	9.123	ppbv	98
8) Dichlorotetrafluoroethane	1.557	85	110410	9.549	ppbv	93
9) Propene	1.486	41	35133	6.846	ppbv	98
10) Heptane	5.001	43	106572	8.085	ppbv	100
11) Trichlorofluoromethane	1.884	101	132171	9.632	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.146	101	96243	9.222	ppbv	95
13) Ethanol	1.725	45	2865	6.742	ppbv	98
14) Bromoethene	1.787	108	30065	8.533	ppbv	96
15) Acetone	1.842	43	110277	7.807	ppbv	97
16) 1,3-Butadiene	1.612	39	52562	9.450	ppbv	92
17) tert-Butyl alcohol	2.046	59	122872	8.768	ppbv	100
18) 1,1-Dichloroethene	2.039	96	38415	8.780	ppbv	80
19) Isopropyl Alcohol	1.890	45	59665	7.039	ppbv #	37
20) Methylene Chloride	2.068	84	35310	8.766	ppbv	94
21) Allyl Chloride	2.104	41	68525	8.945	ppbv	95
22) trans-1,2-Dichloroethene	2.350	96	42821	8.550	ppbv	98
23) Vinyl Acetate	2.470	43	43463	6.627	ppbv	97
24) 1,1-Dichloroethane	2.418	63	92680	9.142	ppbv	99
25) Ethyl Acetate	2.845	43	223419	8.502	ppbv	99
26) Hexane	2.835	57	81413	8.164	ppbv	93
27) Carbon Disulfide	2.159	76	76433	8.505	ppbv	94
28) Methyl tert-Butyl Ether	2.447	73	64037	7.915	ppbv	99
29) Chloroform	2.858	83	139818	9.200	ppbv	99
30) Cyclohexane	3.871	84	66237	7.806	ppbv	98
31) cis-1,2-Dichloroethene	2.732	61	82779	8.033	ppbv	99
32) 1,1,1-Trichloroethane	3.379	97	136055	8.807	ppbv	98
34) 2-Butanone	2.564	43	125687	8.525	ppbv	100
35) Carbon Tetrachloride	3.777	117	141202	10.854	ppbv	97
36) Benzene	3.667	78	164423	8.674	ppbv	98
37) 1,2-Dichloroethane	3.230	62	113600	9.631	ppbv	99
38) Trichloroethene	4.564	130	63280	7.864	ppbv	93
39) 1,2-Dichloropropane	4.331	63	58553	8.541	ppbv	92
40) 1,4-Dioxane	4.599	88	28884	8.624	ppbv #	92
41) Tetrahydrofuran	3.065	42	67017	8.114	ppbv	99
42) Bromodichloromethane	4.509	83	133513	9.839	ppbv	95
43) Methyl Methacrylate	4.897	69	61014	8.448	ppbv	99
44) 2,2,4-Trimethylpentane	4.658	57	284140	8.777	ppbv	96
45) t-1,3-Dichloropropene	6.438	75	58865	7.879	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041795.D
 Acq On : 18 Dec 2024 16:06
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 Sample : VL1218ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1218ABS01

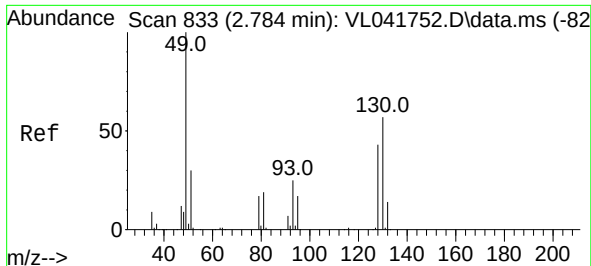
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.625	75	74198	7.824	ppbv	89
47) 1,1,2-Trichloroethane	6.603	97	64954	9.071	ppbv	93
48) Dibromochloromethane	7.406	129	96996	9.920	ppbv	99
49) Bromoform	9.500	173	80840	10.100	ppbv	99
50) 4-Methyl-2-Pentanone	5.774	43	175817	8.759	ppbv	99
51) 2-Hexanone	7.457	43	142403	8.752	ppbv #	96
52) Tetrachloroethene	8.244	164	54531	7.729	ppbv	93
53) Toluene	6.952	91	177625	8.265	ppbv	99
54) 1,2-Dibromoethane	7.671	107	90389	9.161	ppbv	92
56) 1,1,1,2-Tetrachloroethane	8.943	131	86262	10.202	ppbv	100
57) Chlorobenzene	8.937	112	153659	9.415	ppbv	99
58) Ethyl Benzene	9.370	91	267795	9.326	ppbv	98
59) m/p-Xylene	9.564	91	197933	8.573	ppbv #	100
60) o-Xylene	9.975	91	229919	9.930	ppbv	100
61) Styrene	9.885	104	95536	9.543	ppbv	100
62) Isopropylbenzene	10.552	105	339599	9.762	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.975	83	142272	9.817	ppbv	100
64) n-propylbenzene	11.002	120	86896	9.880	ppbv	97
65) tert-Butylbenzene	11.542	119	307835	9.808	ppbv	97
66) Benzyl Chloride	11.626	91	21939	7.936	ppbv	97
67) sec-Butylbenzene	11.778	105	441578	10.167	ppbv	99
69) p-Isopropyltoluene	11.937	119	366111	10.229	ppbv	99
70) n-Butylbenzene	12.293	91	366451	10.597	ppbv	98
71) 2-Chlorotoluene	10.914	91	255490	9.622	ppbv	99
72) 4-Ethyltoluene	11.137	105	277025	10.137	ppbv	99
73) 1,3,5-Trimethylbenzene	11.215	105	240648	10.613	ppbv	100
74) 1,2,4-Trimethylbenzene	11.548	105	260378	10.679	ppbv	96
75) 1,3-Dichlorobenzene	11.620	146	152493	9.809	ppbv	98
76) 1,4-Dichlorobenzene	11.684	146	152432	9.926	ppbv	97
77) 1,2-Dichlorobenzene	11.960	146	148412	9.922	ppbv	99
78) Hexachloro-1,3-Butadiene	13.892	225	88582	7.987	ppbv	100
79) Naphthalene	13.523	128	189506	11.154	ppbv	99
80) Naphthalene,2-methyl-	14.468	142	82155	15.634	ppbv	96
81) 1,2,4-Trichlorobenzene	13.452	180	89052	9.592	ppbv	99

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

Quant Time: Dec 19 07:55:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
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Response via : Initial Calibration

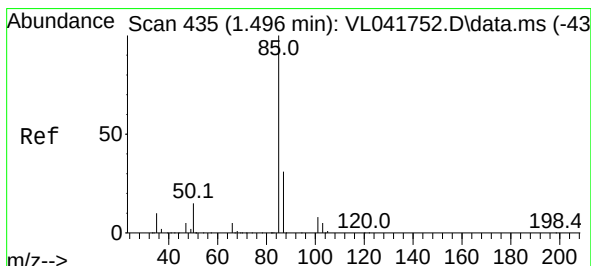
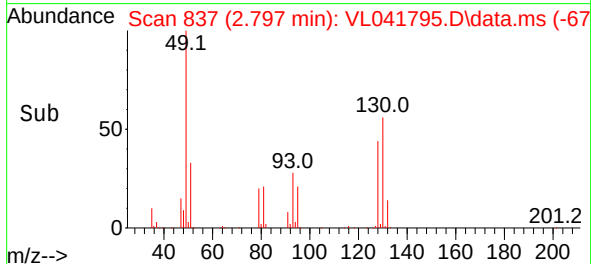
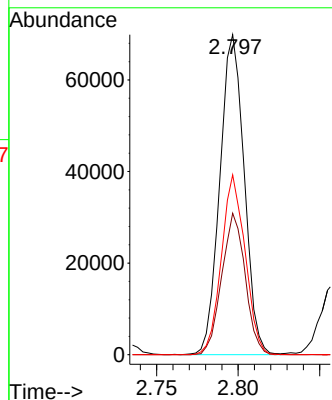
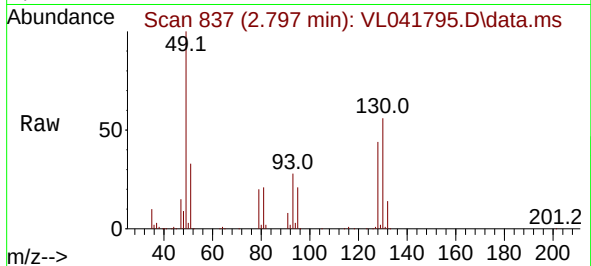




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

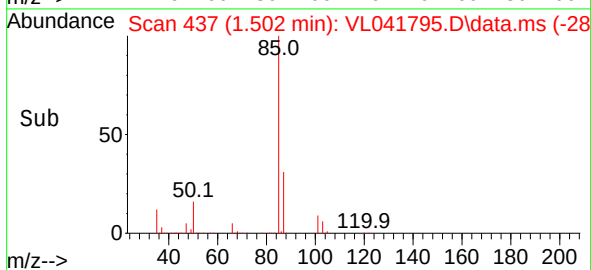
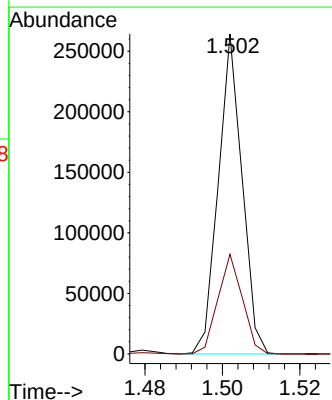
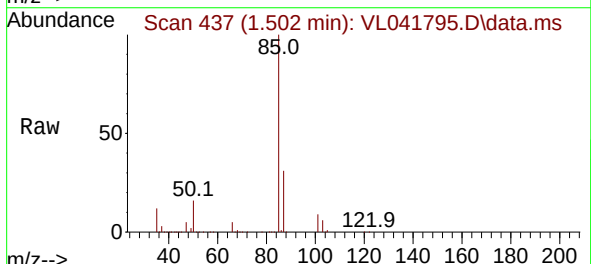
Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

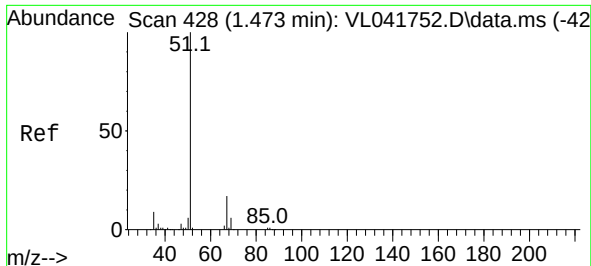
Tgt Ion: 49 Resp: 72600
Ion Ratio Lower Upper
49 100
128 42.5 21.6 64.6
130 54.6 28.3 85.0



#2
Dichlorodifluoromethane
Concen: 8.721 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.006 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion: 85 Resp: 112657
Ion Ratio Lower Upper
85 100
87 31.1 24.5 36.7

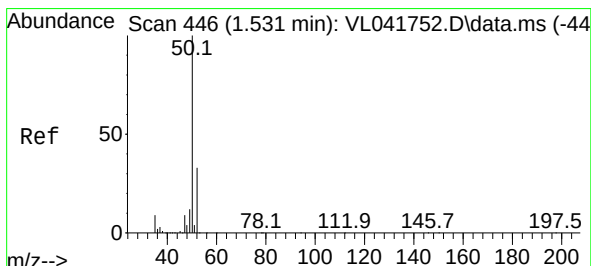
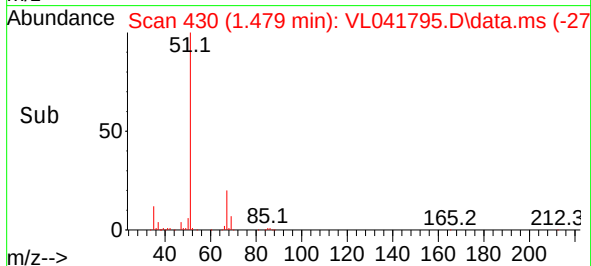
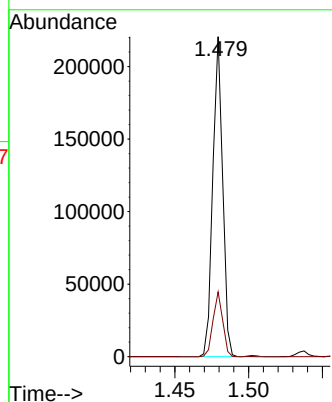
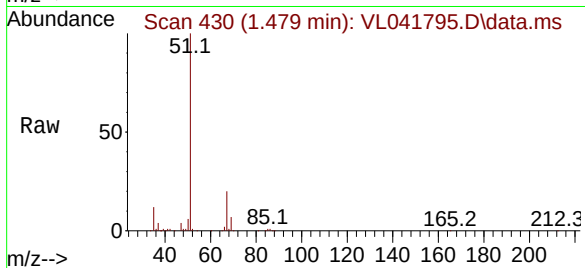




#3
Chlorodifluoromethane
Concen: 8.633 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

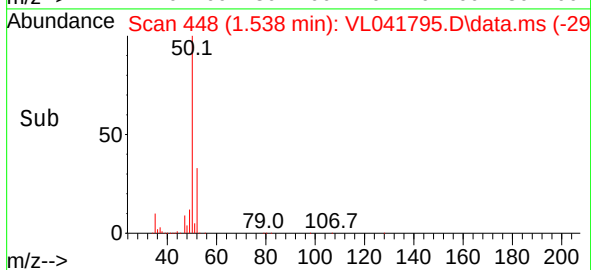
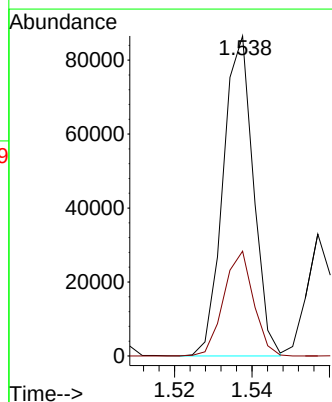
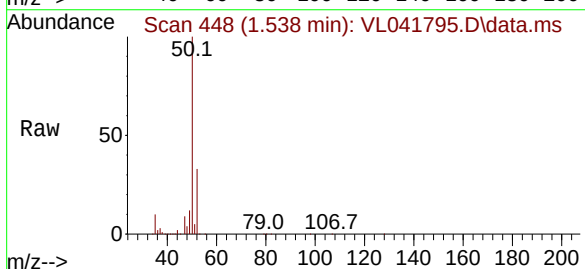
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ClientSampleId :
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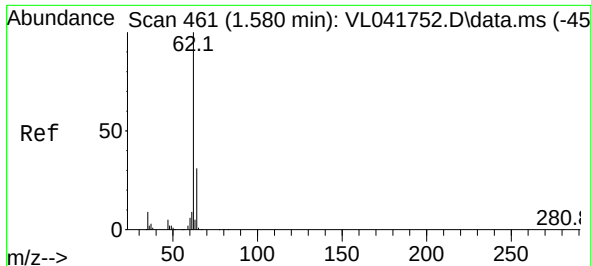
Tgt Ion: 51 Resp: 102210
Ion Ratio Lower Upper
51 100
67 19.9 15.0 22.4



#4
Chloromethane
Concen: 9.279 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.006 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion: 50 Resp: 46901
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2

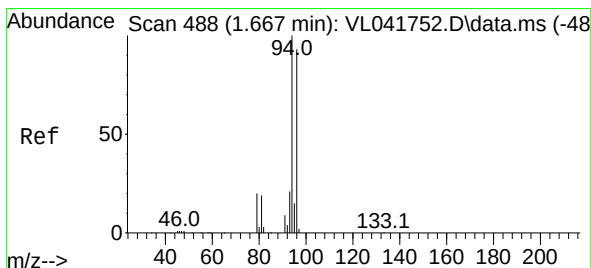
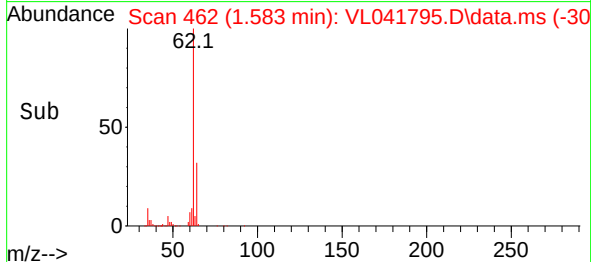
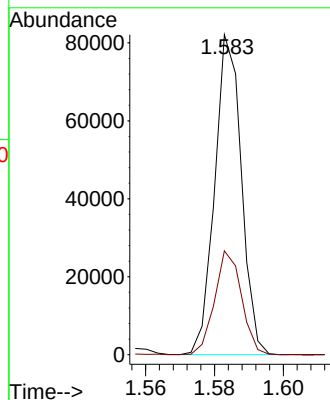
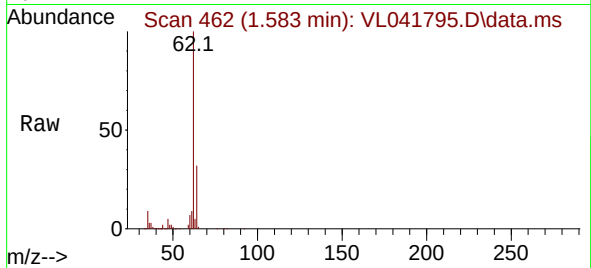




#5
 Vinyl Chloride
 Concen: 8.661 ppbv
 RT: 1.583 min Scan# 410
 Delta R.T. 0.003 min
 Lab File: VL041795.D
 Acq: 18 Dec 2024 16:06

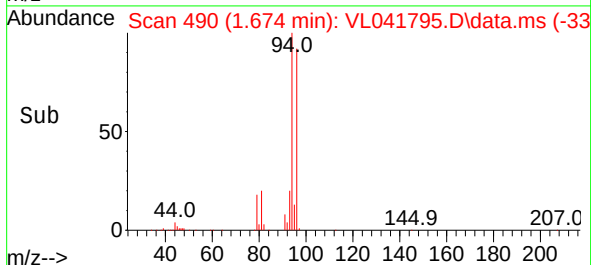
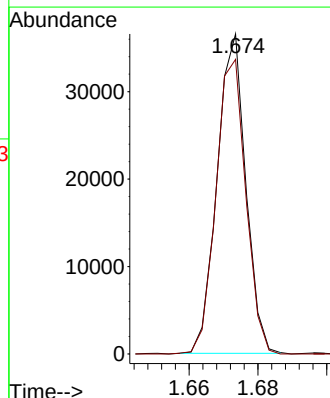
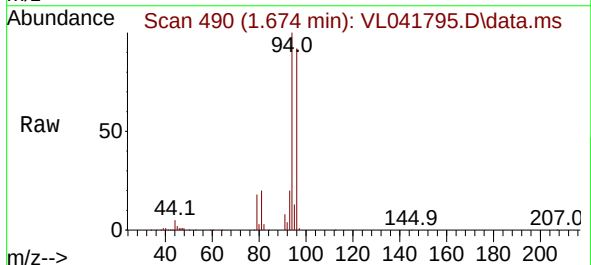
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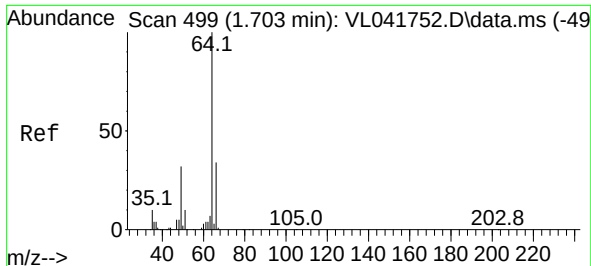
Tgt Ion: 62 Resp: 44104
 Ion Ratio Lower Upper
 62 100
 64 32.5 25.1 37.7



#6
 Bromomethane
 Concen: 8.788 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.006 min
 Lab File: VL041795.D
 Acq: 18 Dec 2024 16:06

Tgt Ion: 94 Resp: 21119
 Ion Ratio Lower Upper
 94 100
 96 92.2 74.7 112.1

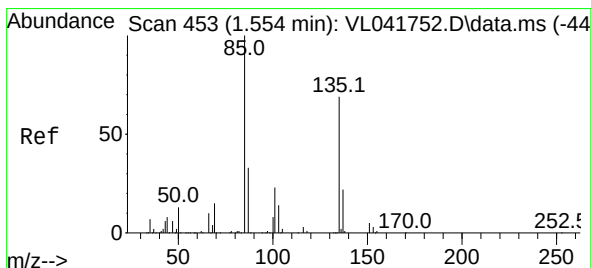
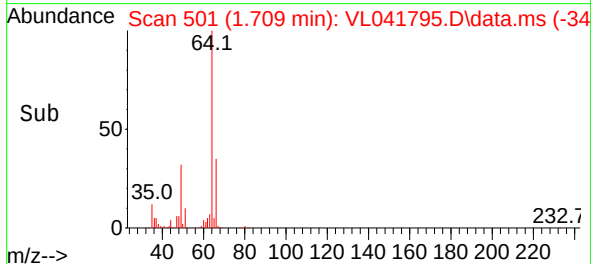
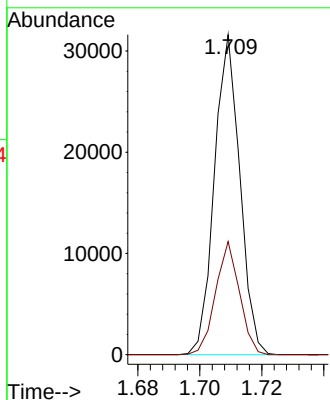
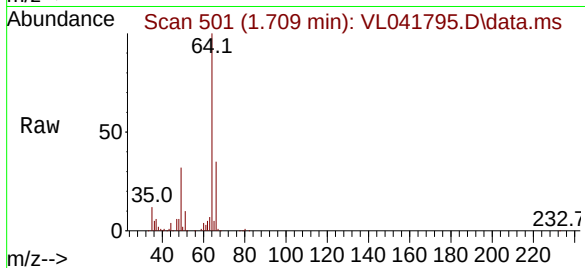




#7
Chloroethane
Concen: 9.123 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.006 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

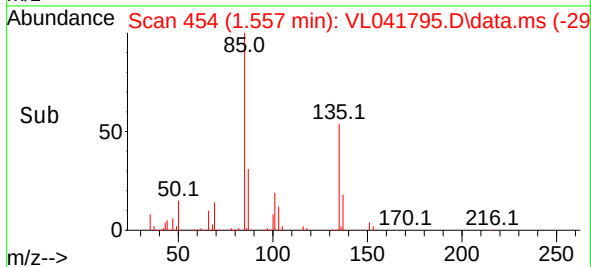
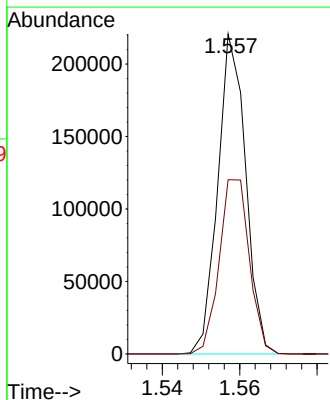
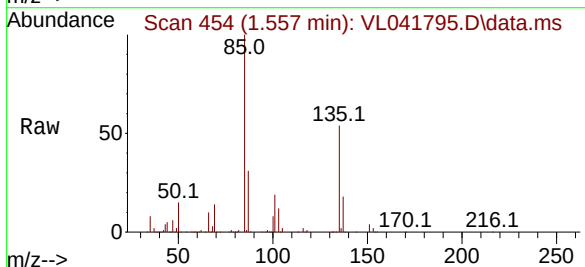
Instrument :
MSVOA_1
ClientSampleId :
VL1218ABS01

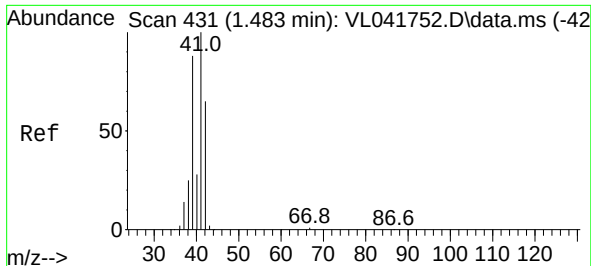
Tgt Ion: 64 Resp: 18047
Ion Ratio Lower Upper
64 100
66 35.4 27.5 41.3



#8
Dichlorotetrafluoroethane
Concen: 9.549 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion: 85 Resp: 110410
Ion Ratio Lower Upper
85 100
135 59.3 51.9 77.9





#9

Propene

Concen: 6.846 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_L

ClientSampleId :

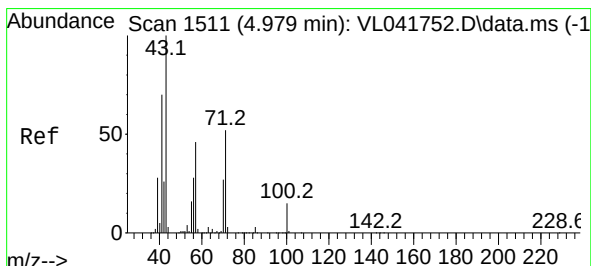
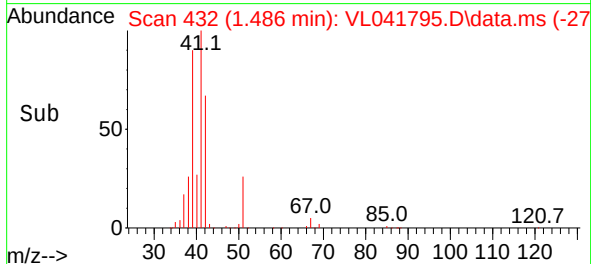
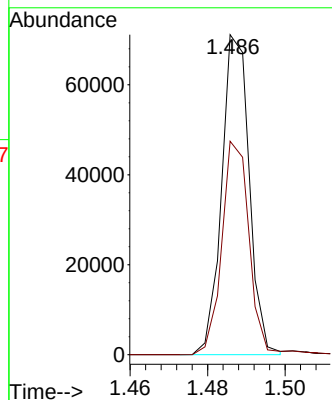
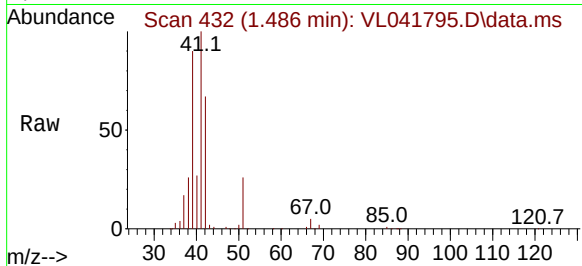
VL1218ABS01

Tgt Ion: 41 Resp: 35133

Ion Ratio Lower Upper

41 100

42 67.4 52.4 78.6



#10

Heptane

Concen: 8.085 ppbv

RT: 5.001 min Scan# 1518

Delta R.T. 0.022 min

Lab File: VL041795.D

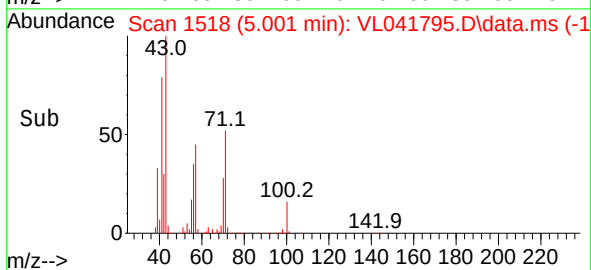
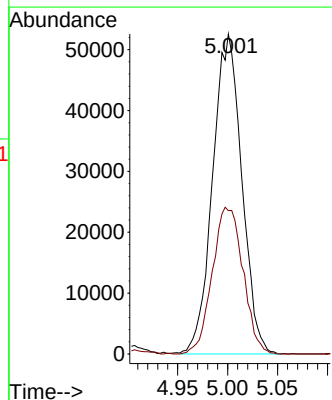
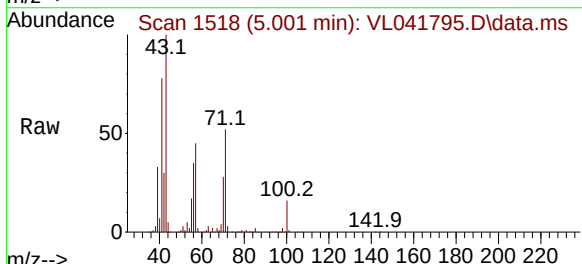
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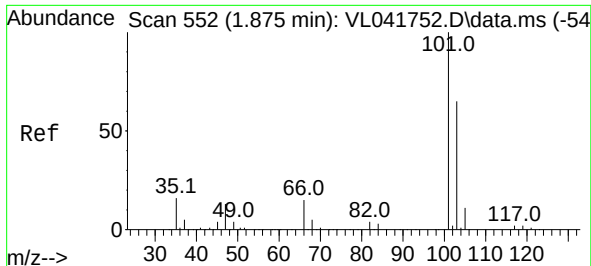
Tgt Ion: 43 Resp: 106572

Ion Ratio Lower Upper

43 100

57 48.3 38.5 57.7





#11

Trichlorofluoromethane

Concen: 9.632 ppbv

RT: 1.884 min Scan# 51

Delta R.T. 0.009 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_L

ClientSampleId :

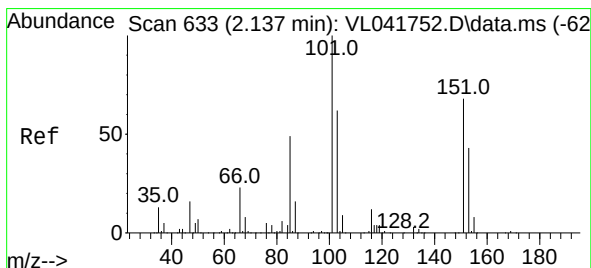
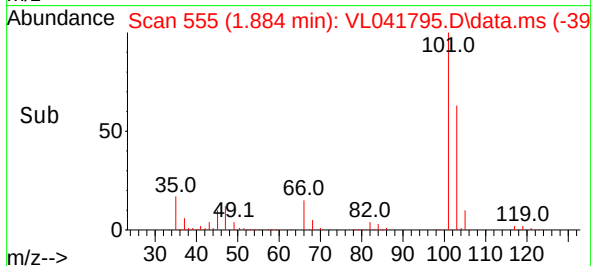
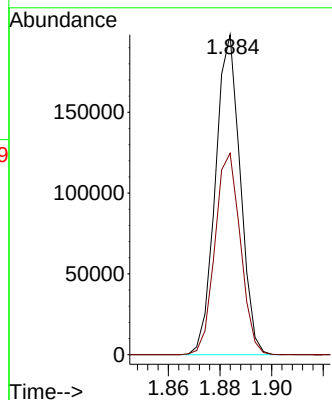
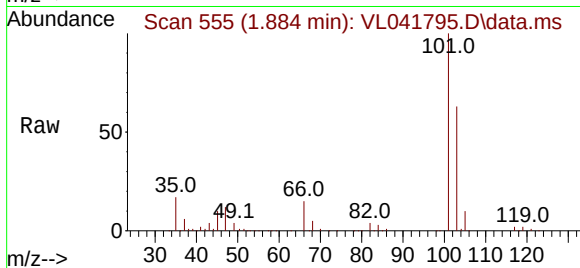
VL1218ABS01

Tgt Ion:101 Resp: 132171

Ion Ratio Lower Upper

101 100

103 62.9 51.8 77.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.222 ppbv

RT: 2.146 min Scan# 636

Delta R.T. 0.009 min

Lab File: VL041795.D

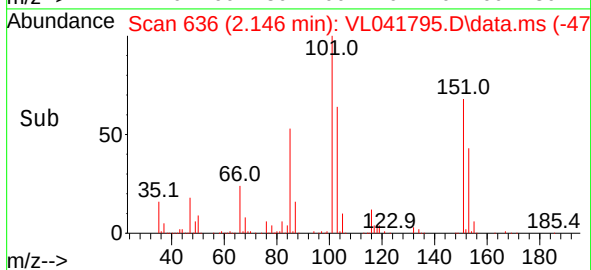
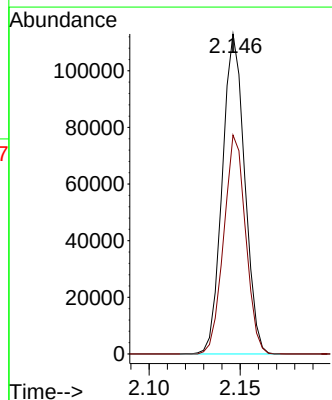
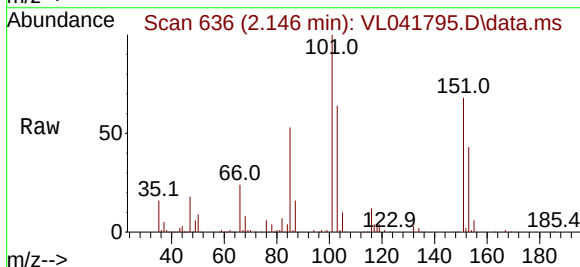
Acq: 18 Dec 2024 16:06

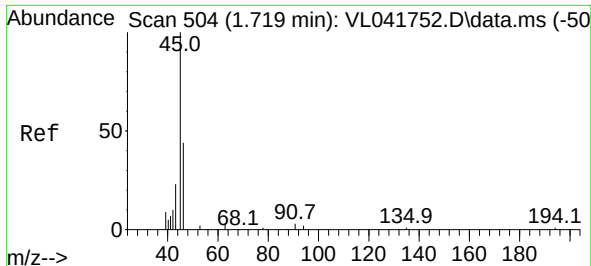
Tgt Ion:101 Resp: 96243

Ion Ratio Lower Upper

101 100

151 66.8 56.8 85.2

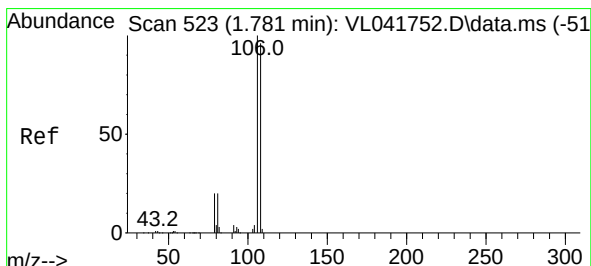
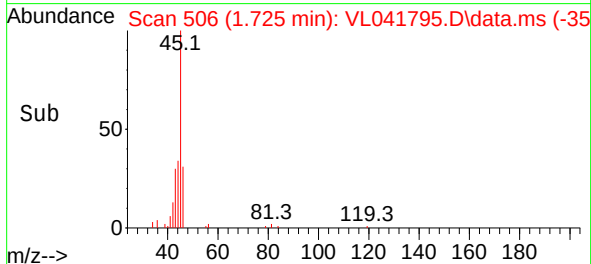
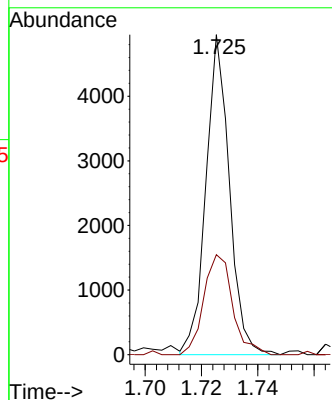
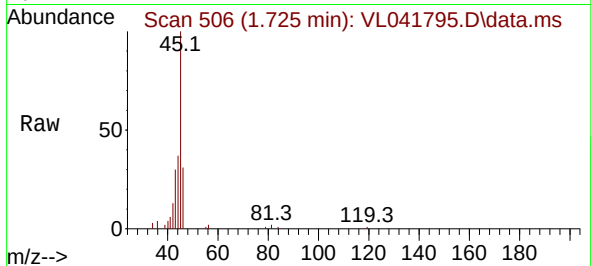




#13
Ethanol
Concen: 6.742 ppbv
RT: 1.725 min Scan# 504
Delta R.T. 0.006 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

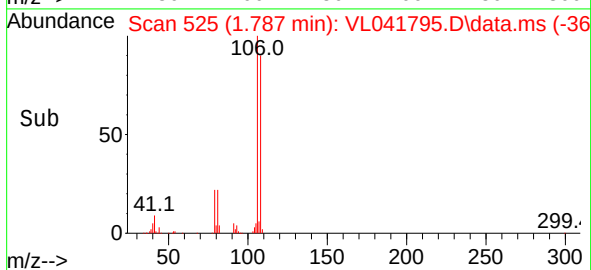
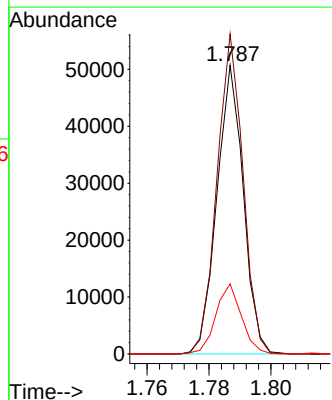
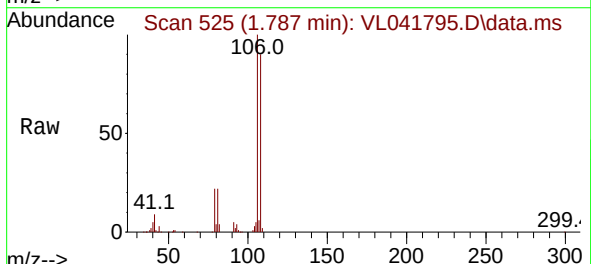
Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

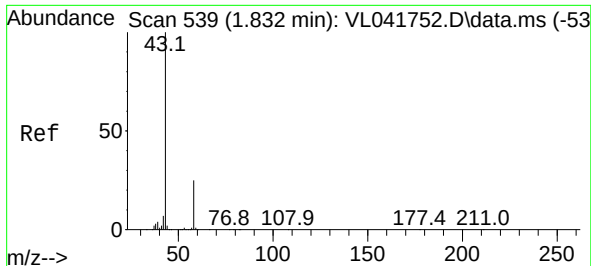
Tgt Ion: 45 Resp: 2865
Ion Ratio Lower Upper
45 100
46 39.7 16.4 65.8



#14
Bromoethene
Concen: 8.533 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.006 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion: 108 Resp: 30065
Ion Ratio Lower Upper
108 100
106 108.9 84.1 126.1
79 23.9 17.4 26.0

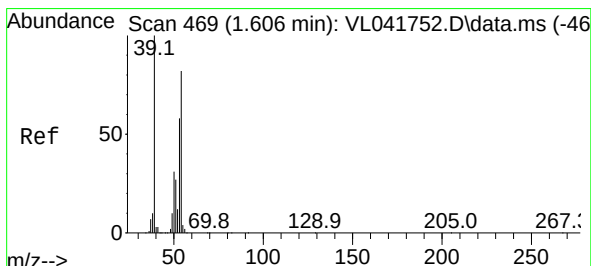
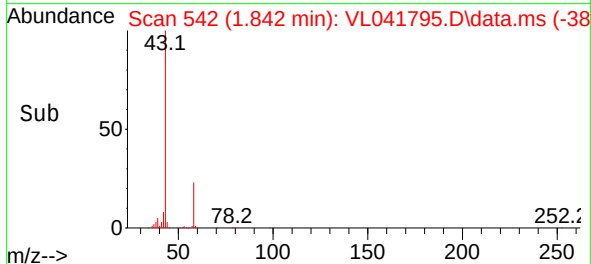
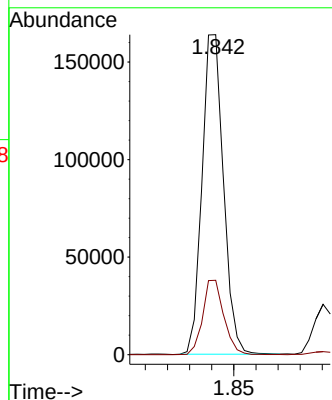
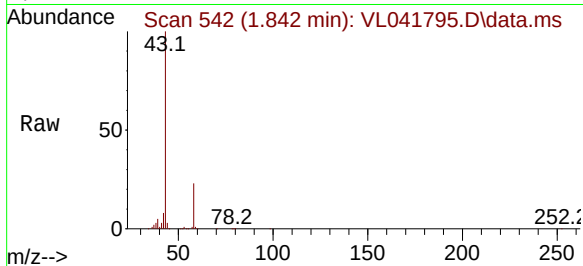




#15
Acetone
Concen: 7.807 ppbv
RT: 1.842 min Scan# 54
Delta R.T. 0.009 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

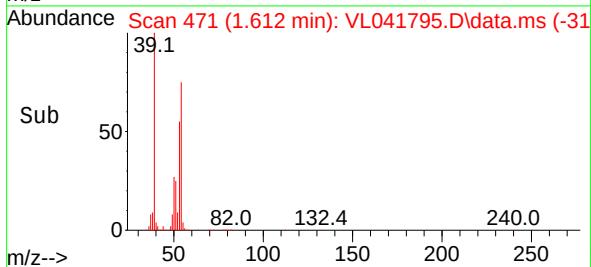
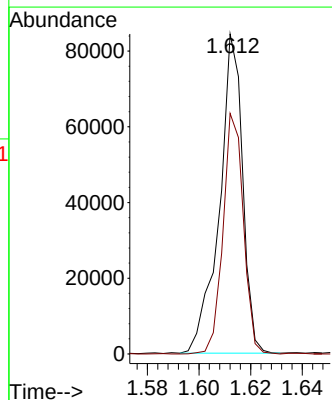
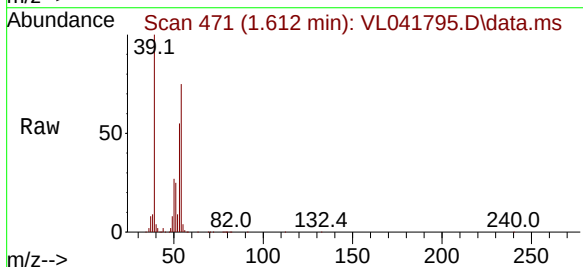
Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

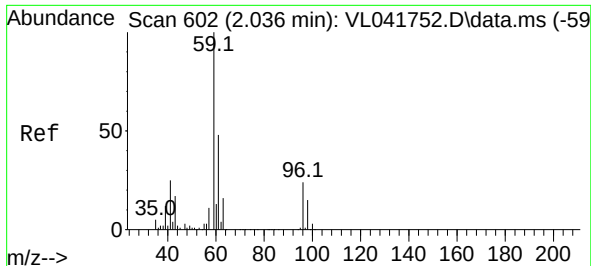
Tgt Ion: 43 Resp: 110277
Ion Ratio Lower Upper
43 100
58 23.0 19.7 29.5



#16
1,3-Butadiene
Concen: 9.450 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.006 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion: 39 Resp: 52562
Ion Ratio Lower Upper
39 100
54 66.3 58.4 87.6

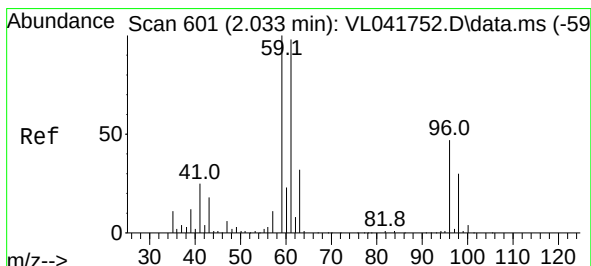
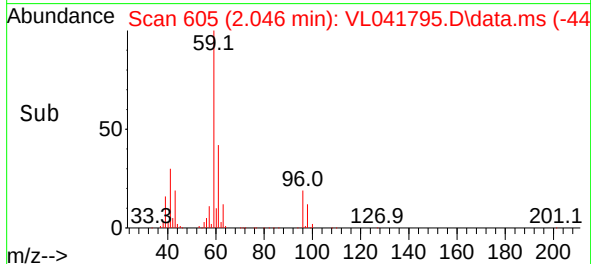
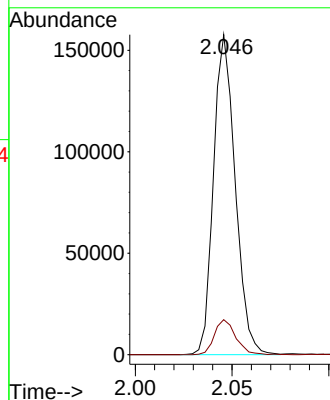
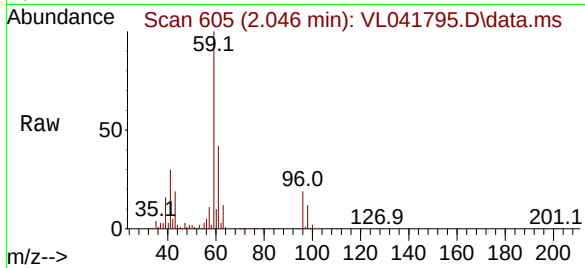




#17
tert-Butyl alcohol
Concen: 8.768 ppbv
RT: 2.046 min Scan# 602
Delta R.T. 0.009 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

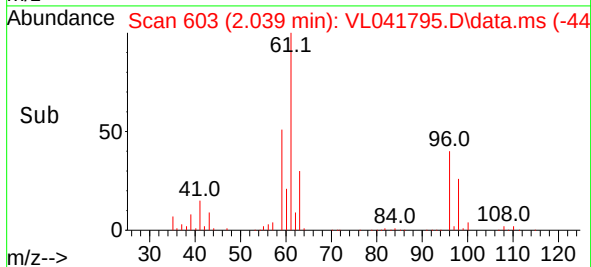
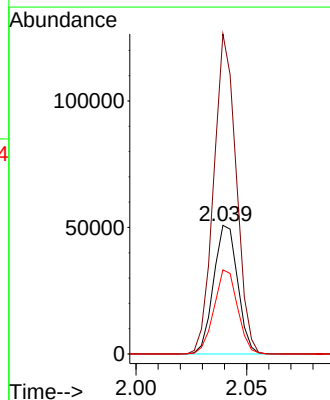
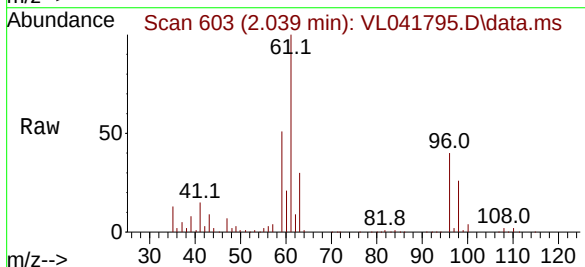
Instrument :
MSVOA_1
ClientSampleId :
VL1218ABS01

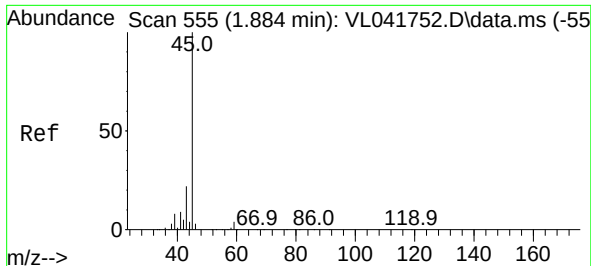
Tgt Ion: 59 Resp: 122872
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0



#18
1,1-Dichloroethene
Concen: 8.780 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.006 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion: 96 Resp: 38415
Ion Ratio Lower Upper
96 100
61 248.9 167.7 251.5
98 65.4 51.1 76.7





#19

Isopropyl Alcohol

Concen: 7.039 ppbv

RT: 1.890 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_L

ClientSampleId :

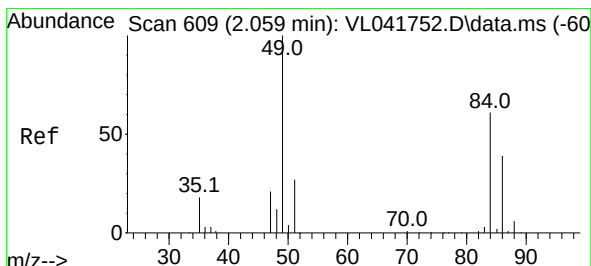
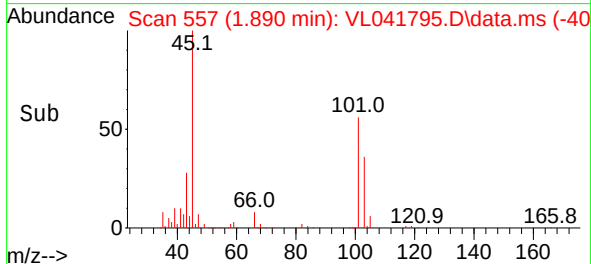
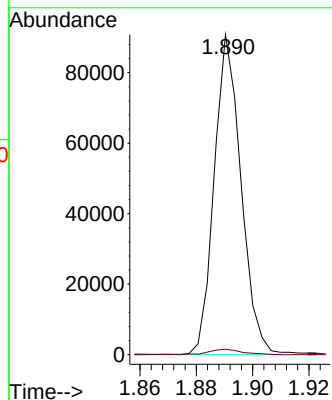
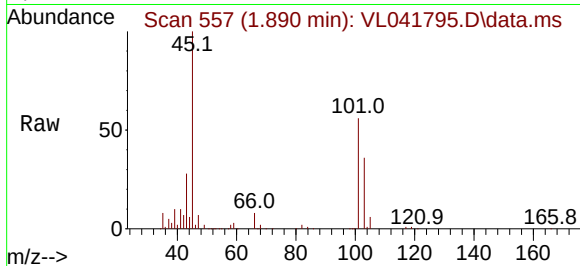
VL1218ABS01

Tgt Ion: 45 Resp: 59665

Ion Ratio Lower Upper

45 100

58 2.1 33.3 49.9#



#20

Methylene Chloride

Concen: 8.766 ppbv

RT: 2.068 min Scan# 612

Delta R.T. 0.009 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Tgt Ion: 84 Resp: 35310

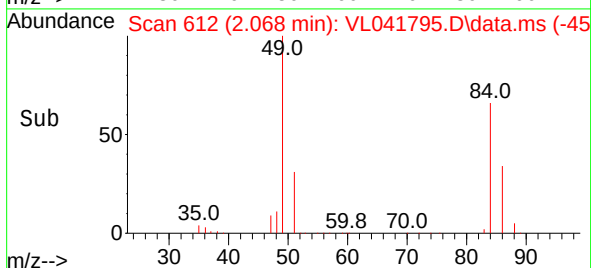
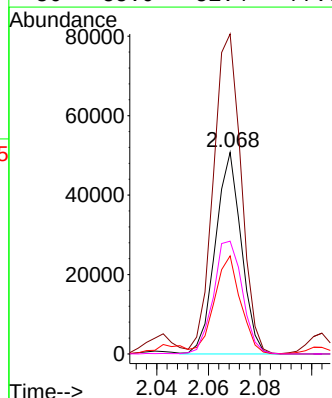
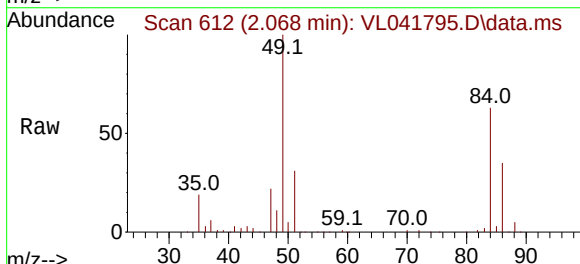
Ion Ratio Lower Upper

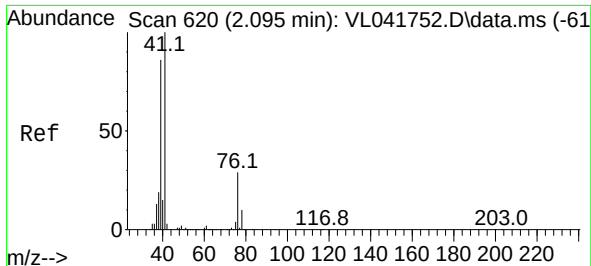
84 100

49 158.5 132.6 198.8

51 48.4 37.6 56.4

86 55.9 51.4 77.0

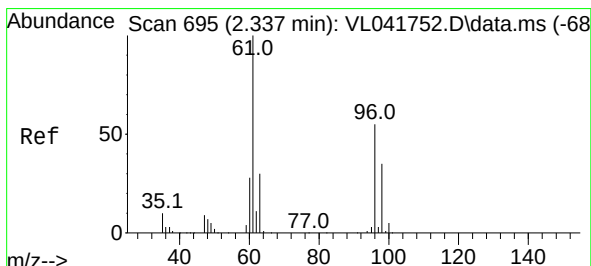
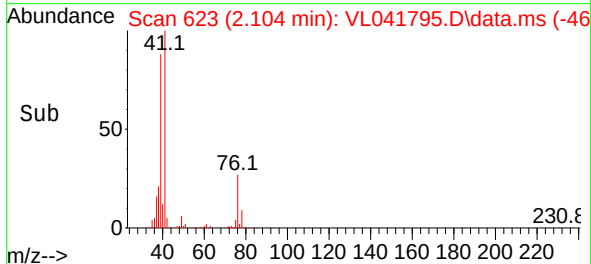
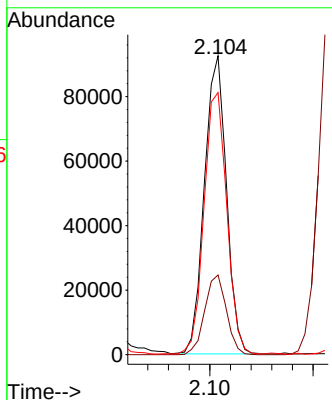
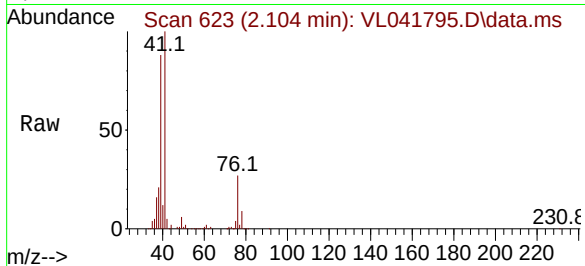




#21
 Allyl Chloride
 Concen: 8.945 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. 0.009 min
 Lab File: VL041795.D
 Acq: 18 Dec 2024 16:06

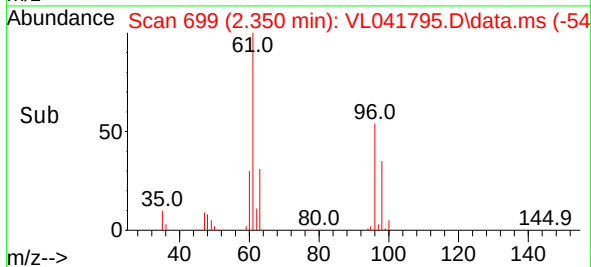
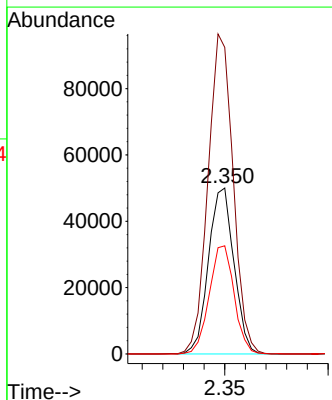
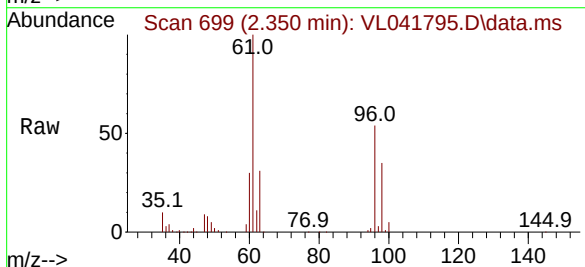
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1218ABS01

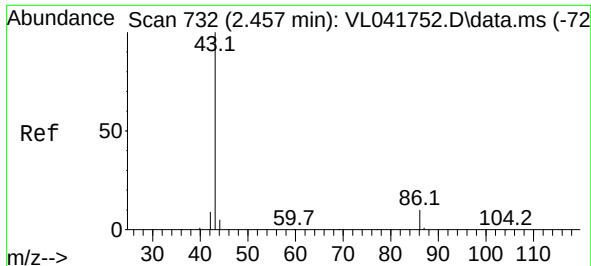
Tgt Ion: 41 Resp: 68525
 Ion Ratio Lower Upper
 41 100
 76 26.2 22.3 33.5
 39 91.2 69.2 103.8



#22
 trans-1,2-Dichloroethene
 Concen: 8.550 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.013 min
 Lab File: VL041795.D
 Acq: 18 Dec 2024 16:06

Tgt Ion: 96 Resp: 42821
 Ion Ratio Lower Upper
 96 100
 61 184.8 146.3 219.5
 98 65.2 50.8 76.2

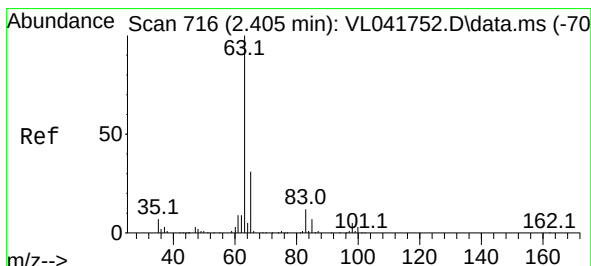
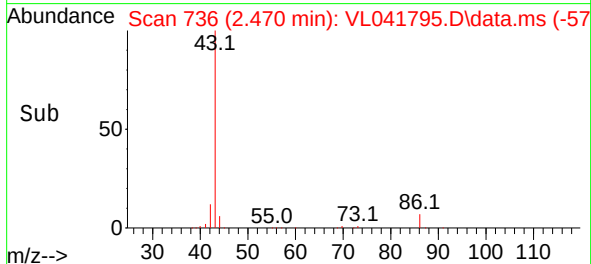
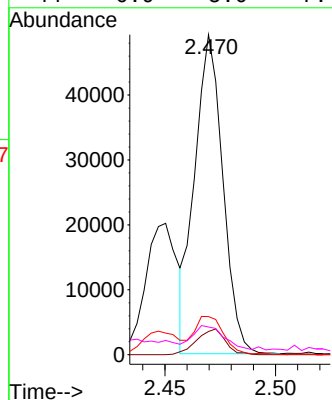
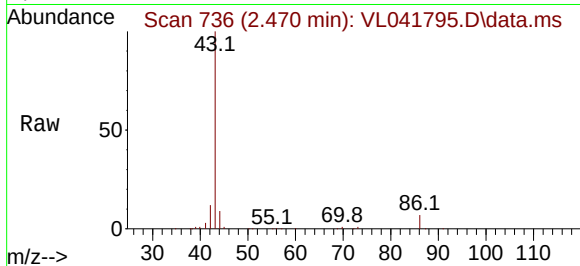




#23
 Vinyl Acetate
 Concen: 6.627 ppbv
 RT: 2.470 min Scan# 741
 Delta R.T. 0.013 min
 Lab File: VL041795.D
 Acq: 18 Dec 2024 16:06

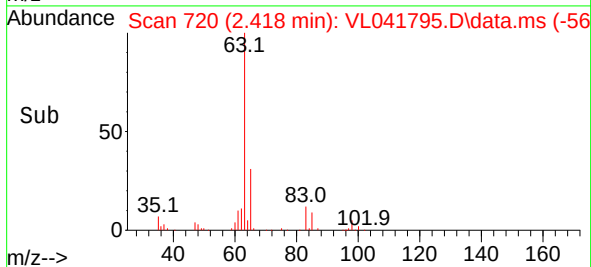
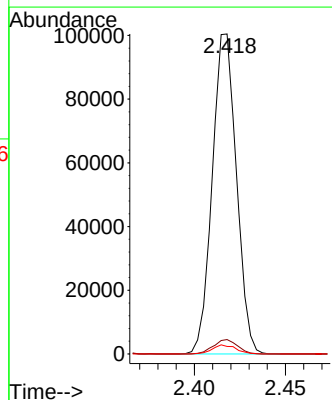
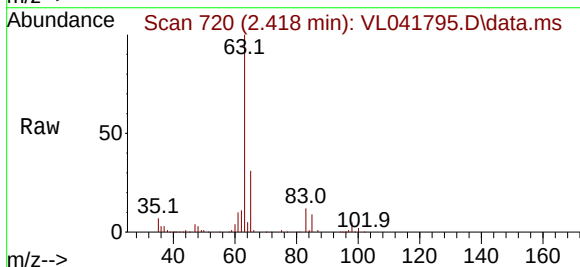
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1218ABS01

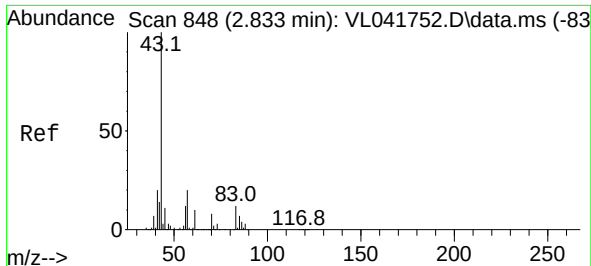
Tgt Ion:	43	Resp:	43463
Ion	Ratio	Lower	Upper
43	100		
86	7.3	6.6	10.0
42	11.5	8.2	12.2
44	6.9	5.0	7.4



#24
 1,1-Dichloroethane
 Concen: 9.142 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.013 min
 Lab File: VL041795.D
 Acq: 18 Dec 2024 16:06

Tgt Ion:	63	Resp:	92680
Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.3	6.8
100	2.4	1.4	4.2





#25

Ethyl Acetate

Concen: 8.502 ppbv

RT: 2.845 min Scan# 848

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_L

ClientSampleId :

VL1218ABS01

Tgt Ion: 43 Resp: 223419

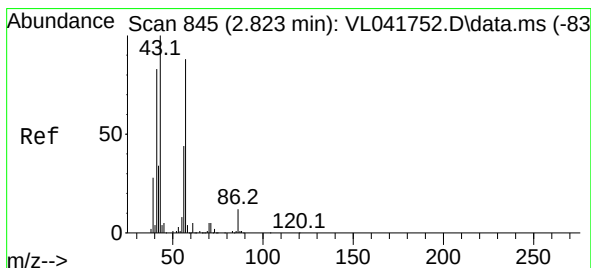
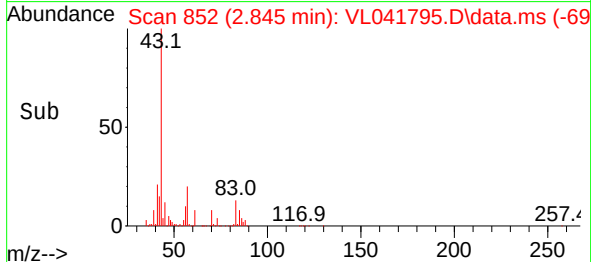
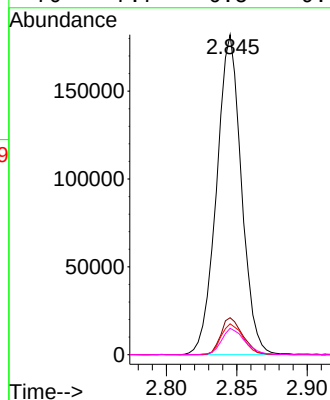
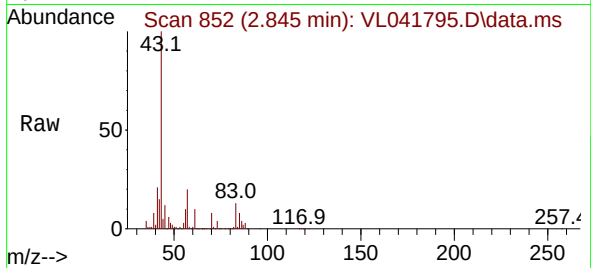
Ion Ratio Lower Upper

43 100

45 10.2 8.1 12.1

61 8.7 7.0 10.6

70 7.7 6.5 9.7



#26

Hexane

Concen: 8.164 ppbv

RT: 2.835 min Scan# 849

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Tgt Ion: 57 Resp: 81413

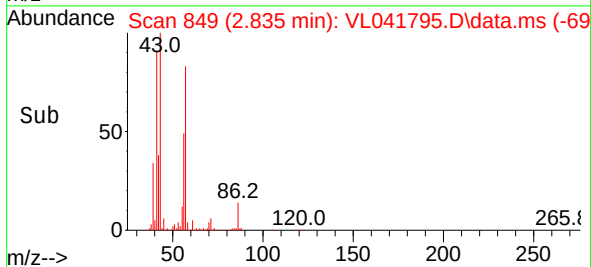
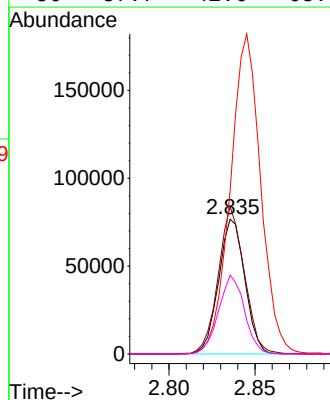
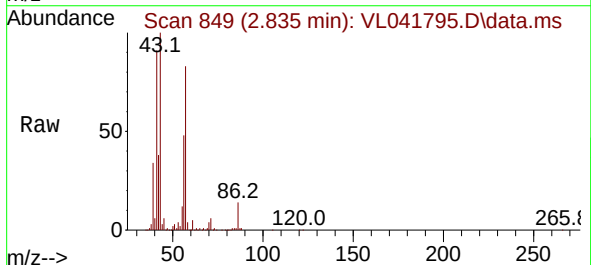
Ion Ratio Lower Upper

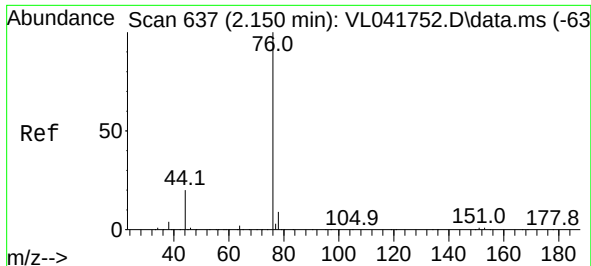
57 100

41 109.0 79.6 119.4

43 275.9 211.0 316.6

56 57.7 42.6 63.8





#27

Carbon Disulfide

Concen: 8.505 ppbv

RT: 2.159 min Scan# 64

Delta R.T. 0.009 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_1

ClientSampleId :

VL1218ABS01

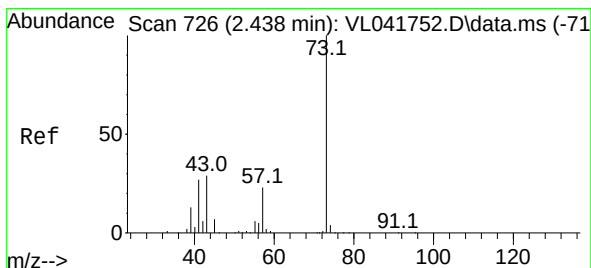
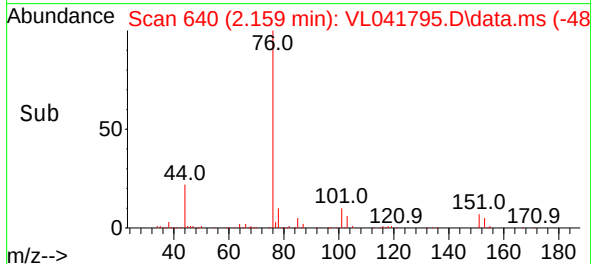
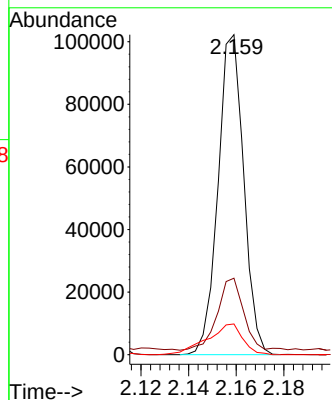
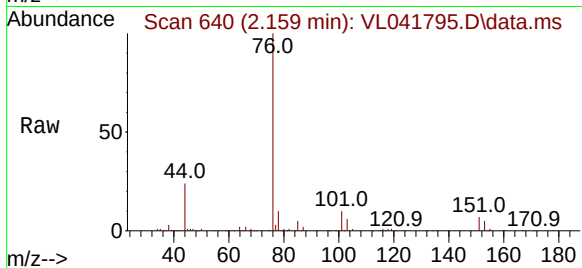
Tgt Ion: 76 Resp: 76433

Ion Ratio Lower Upper

76 100

44 25.9 17.6 26.4

78 13.3 10.2 15.4



#28

Methyl tert-Butyl Ether

Concen: 7.915 ppbv

RT: 2.447 min Scan# 729

Delta R.T. 0.009 min

Lab File: VL041795.D

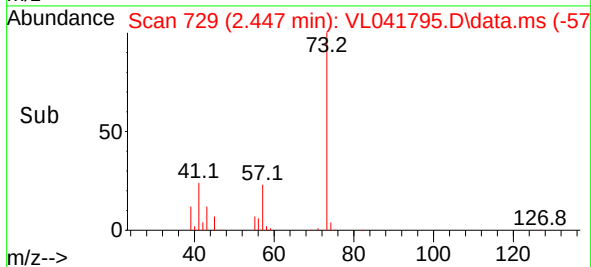
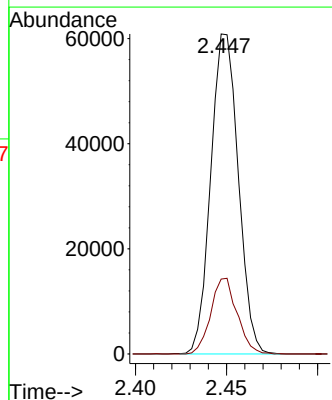
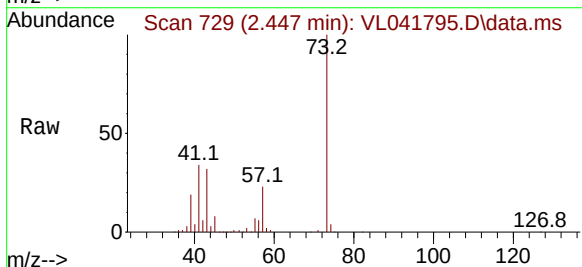
Acq: 18 Dec 2024 16:06

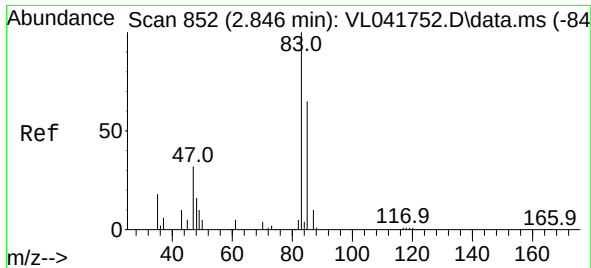
Tgt Ion: 73 Resp: 64037

Ion Ratio Lower Upper

73 100

57 22.6 17.6 26.4





#29

Chloroform

Concen: 9.200 ppbv

RT: 2.858 min Scan# 852

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_L

ClientSampleId :

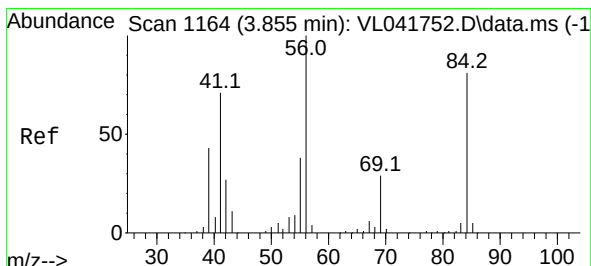
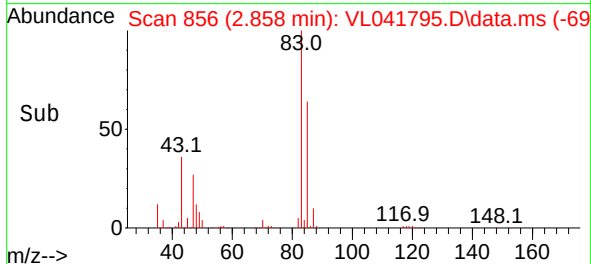
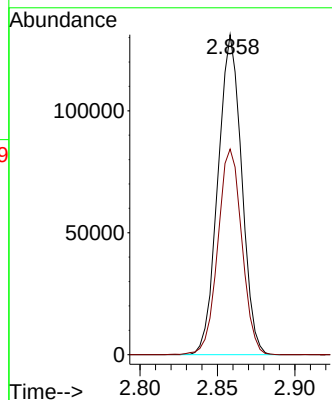
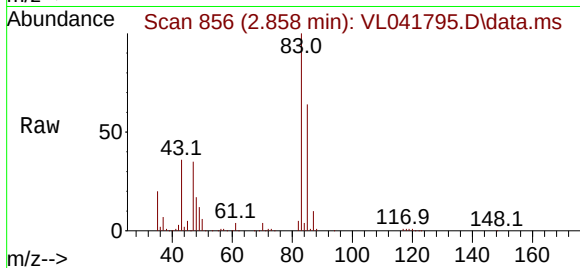
VL1218ABS01

Tgt Ion: 83 Resp: 139818

Ion Ratio Lower Upper

83 100

85 64.2 51.8 77.6



#30

Cyclohexane

Concen: 7.806 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. 0.016 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

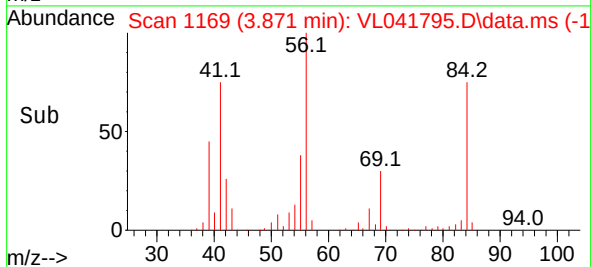
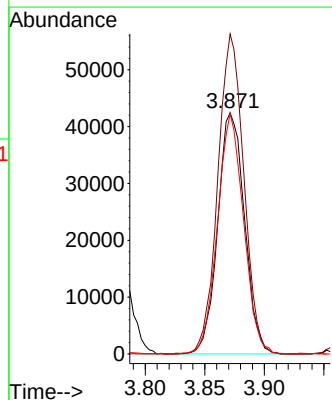
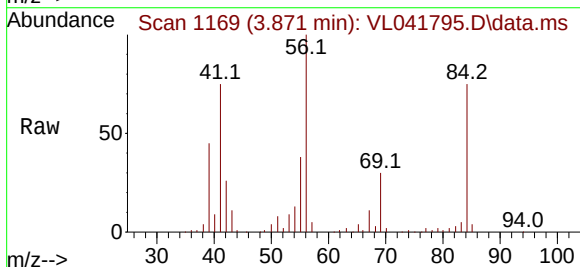
Tgt Ion: 84 Resp: 66237

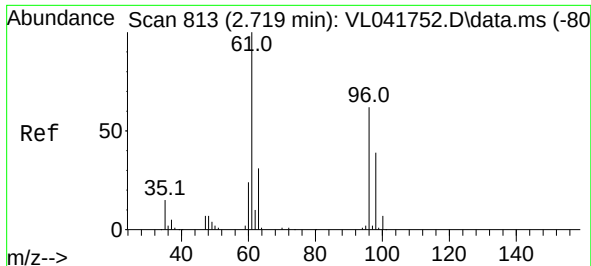
Ion Ratio Lower Upper

84 100

56 128.6 102.3 153.5

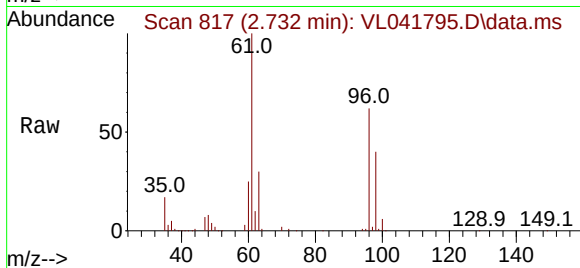
41 97.1 74.0 111.0



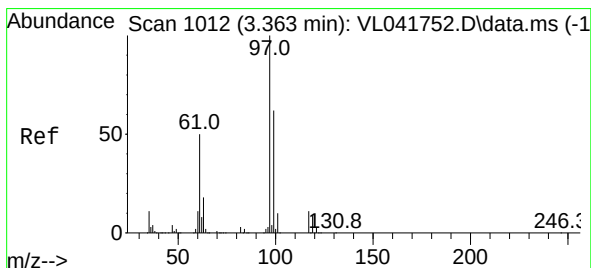
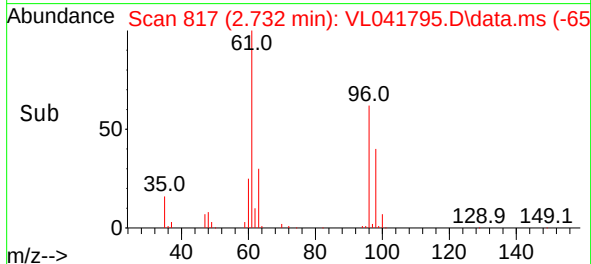
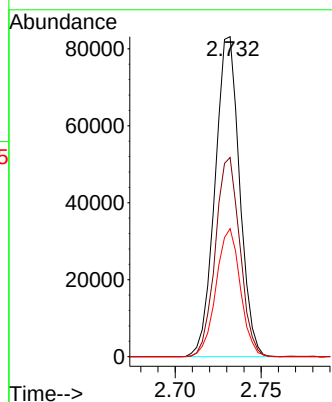


#31
cis-1,2-Dichloroethene
Concen: 8.033 ppbv
RT: 2.732 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Instrument :
MSVOA_1
ClientSampleId :
VL1218ABS01

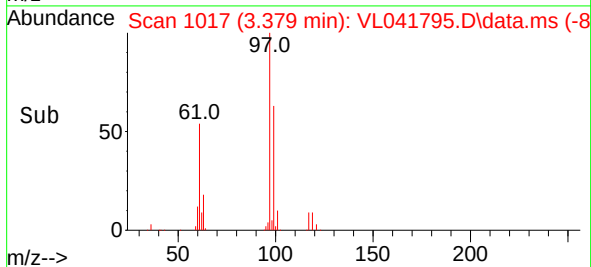
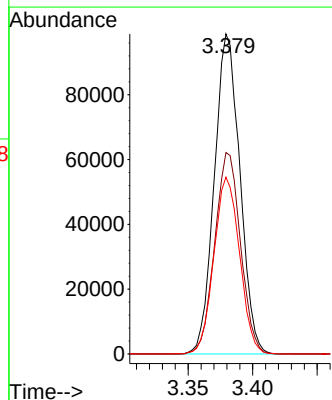
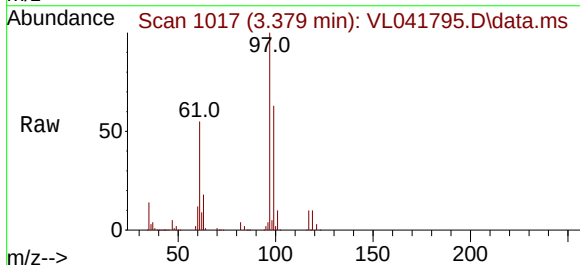


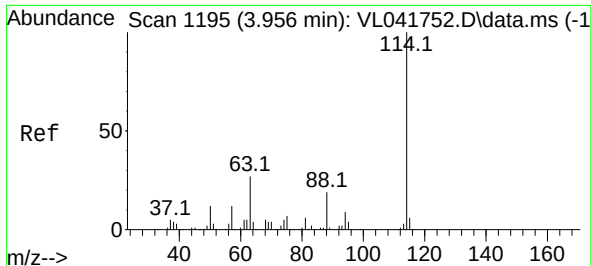
Tgt Ion: 61 Resp: 82779
Ion Ratio Lower Upper
61 100
96 62.2 49.7 74.5
98 40.0 30.8 46.2



#32
1,1,1-Trichloroethane
Concen: 8.807 ppbv
RT: 3.379 min Scan# 1017
Delta R.T. 0.016 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion: 97 Resp: 136055
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.4
61 55.6 42.2 63.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.972 min Scan# 11

Delta R.T. 0.016 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_1

ClientSampleId :

VL1218ABS01

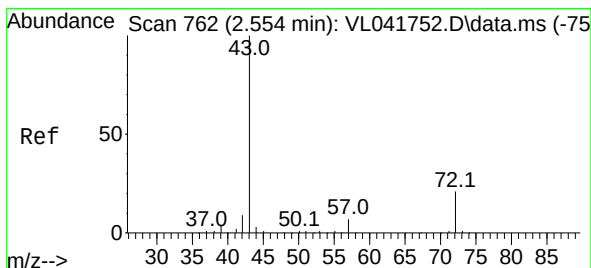
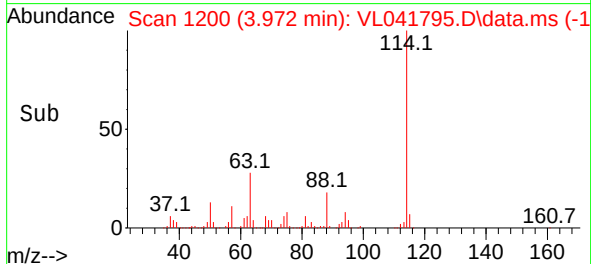
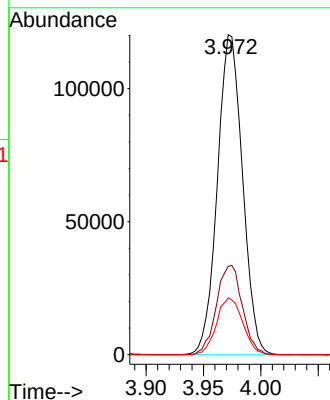
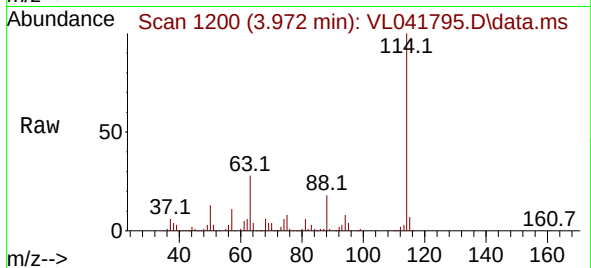
Tgt Ion:114 Resp: 183255

Ion Ratio Lower Upper

114 100

63 28.8 21.8 32.8

88 18.4 14.8 22.2



#34

2-Butanone

Concen: 8.525 ppbv

RT: 2.564 min Scan# 765

Delta R.T. 0.009 min

Lab File: VL041795.D

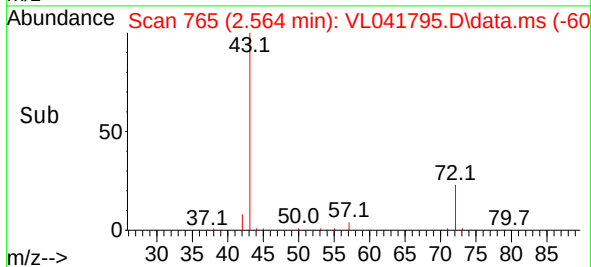
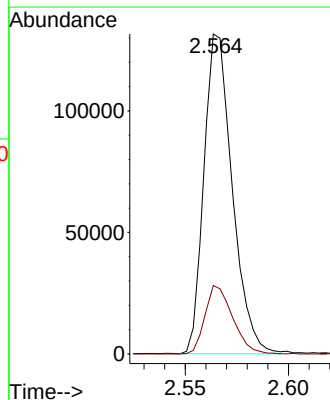
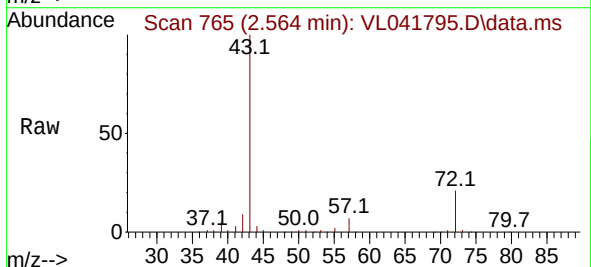
Acq: 18 Dec 2024 16:06

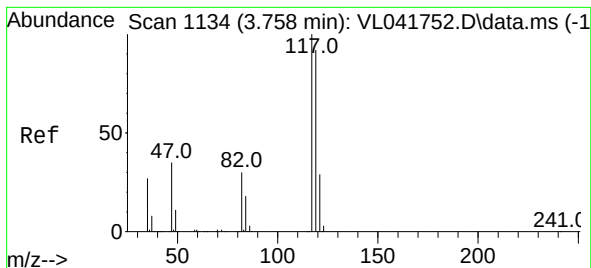
Tgt Ion: 43 Resp: 125687

Ion Ratio Lower Upper

43 100

72 20.9 16.8 25.2





#35

Carbon Tetrachloride

Concen: 10.854 ppbv

RT: 3.777 min Scan# 1110

Delta R.T. 0.019 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_L

ClientSampleId :

VL1218ABS01

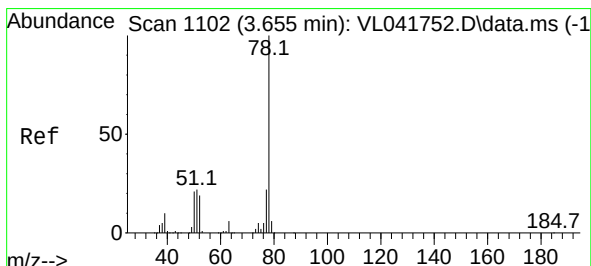
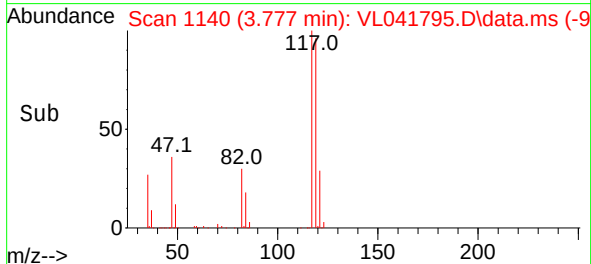
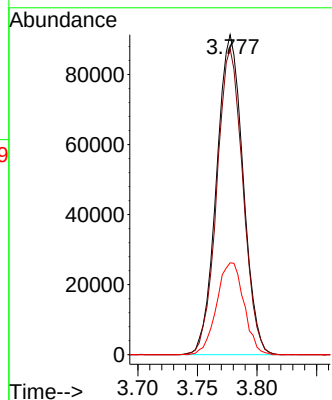
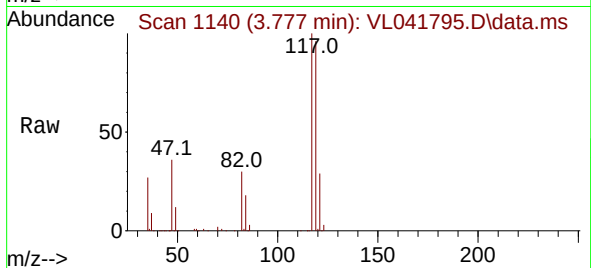
Tgt Ion:117 Resp: 141202

Ion Ratio Lower Upper

117 100

119 95.6 73.7 110.5

121 28.7 23.0 34.4



#36

Benzene

Concen: 8.674 ppbv

RT: 3.667 min Scan# 1106

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

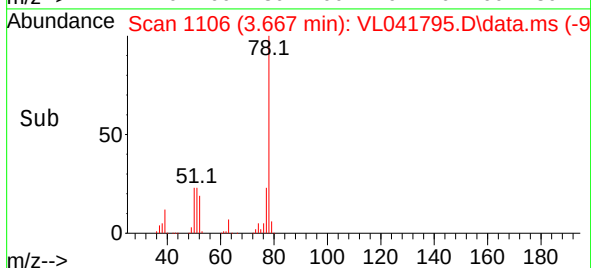
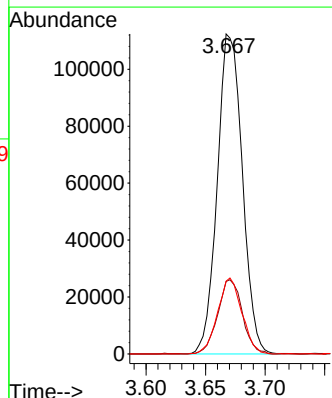
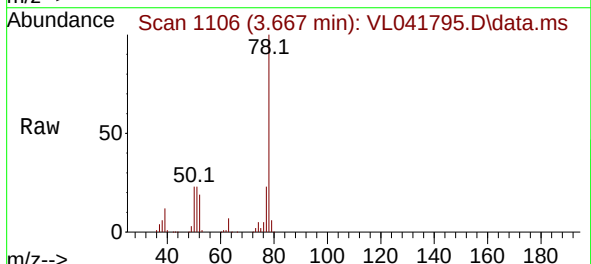
Tgt Ion: 78 Resp: 164423

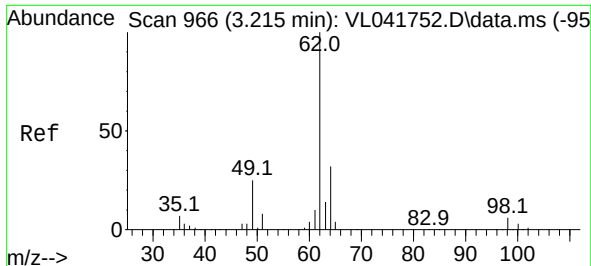
Ion Ratio Lower Upper

78 100

77 22.6 17.8 26.6

50 22.8 17.2 25.8

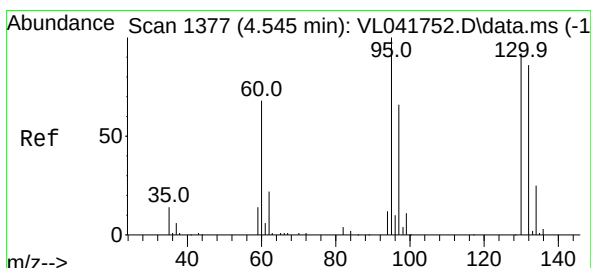
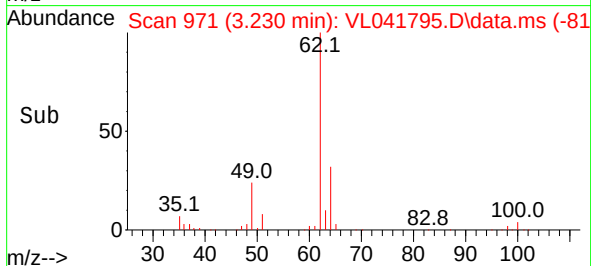
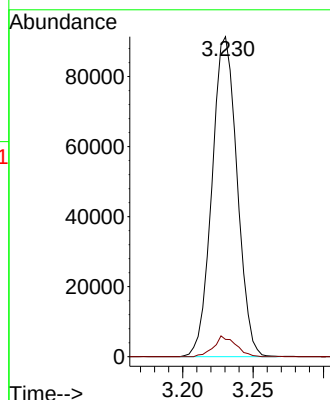
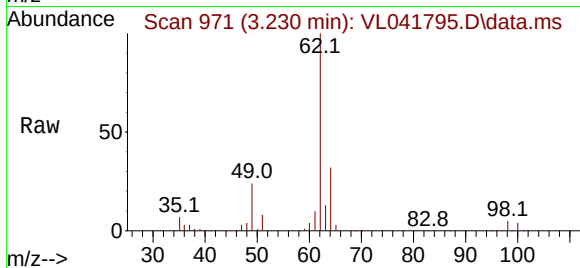




#37
1,2-Dichloroethane
Concen: 9.631 ppbv
RT: 3.230 min Scan# 91
Delta R.T. 0.016 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

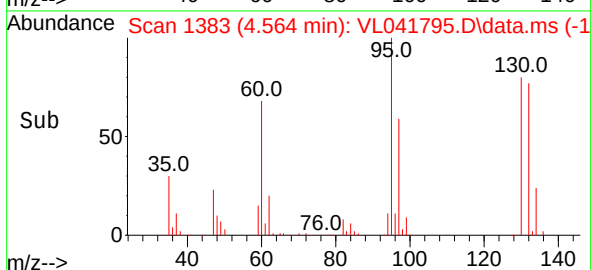
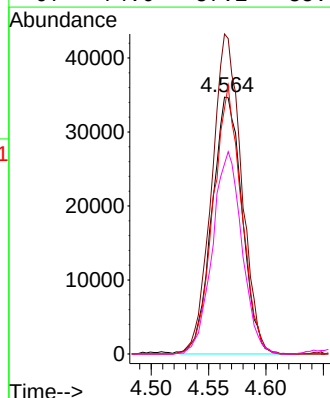
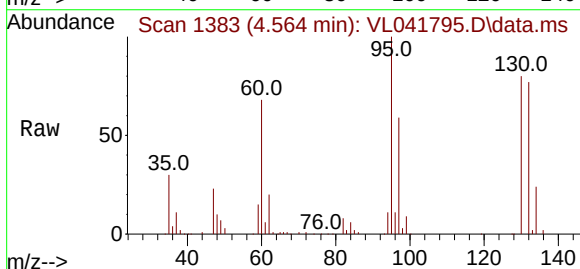
Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

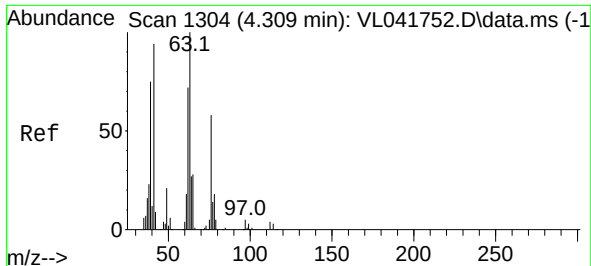
Tgt Ion: 62 Resp: 113600
Ion Ratio Lower Upper
62 100
98 5.7 4.7 7.1



#38
Trichloroethene
Concen: 7.864 ppbv
RT: 4.564 min Scan# 1383
Delta R.T. 0.019 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion:130 Resp: 63280
Ion Ratio Lower Upper
130 100
95 124.4 87.0 130.6
132 95.7 75.0 112.6
97 74.0 57.2 85.8





#39

1,2-Dichloropropane

Concen: 8.541 ppbv

RT: 4.331 min Scan# 1311

Delta R.T. 0.022 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_1

ClientSampleId :

VL1218ABS01

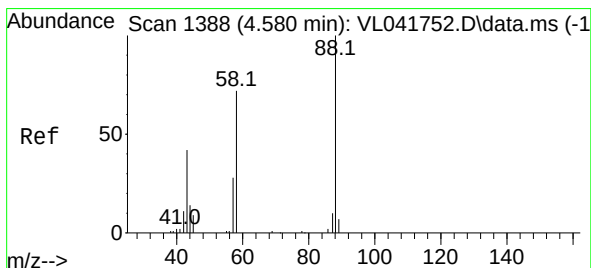
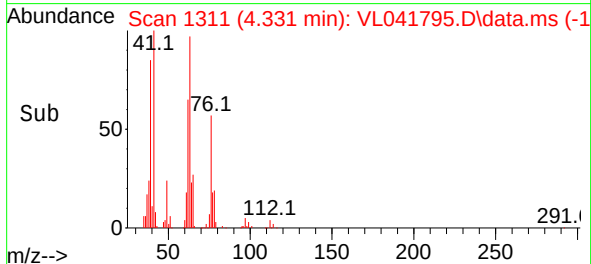
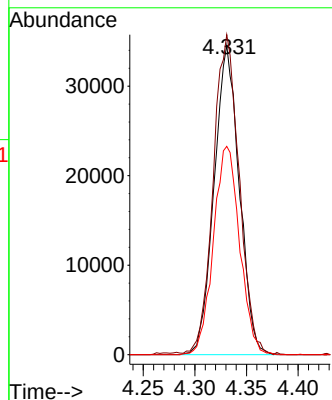
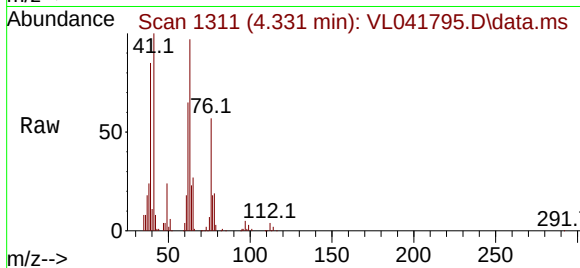
Tgt Ion: 63 Resp: 58553

Ion Ratio Lower Upper

63 100

41 103.2 75.3 112.9

62 67.3 57.3 85.9



#40

1,4-Dioxane

Concen: 8.624 ppbv

RT: 4.599 min Scan# 1394

Delta R.T. 0.019 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Tgt Ion: 88 Resp: 28884

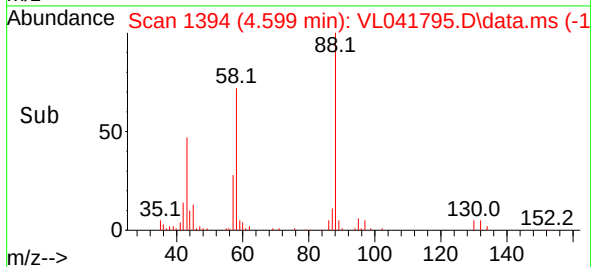
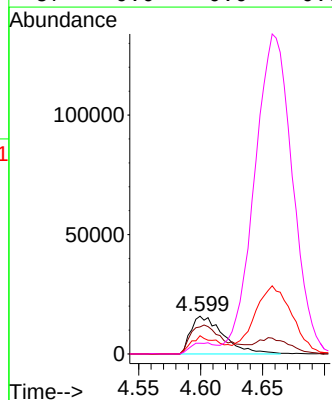
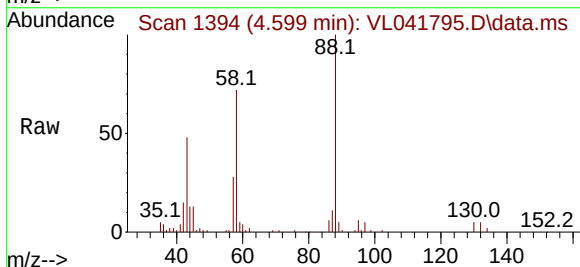
Ion Ratio Lower Upper

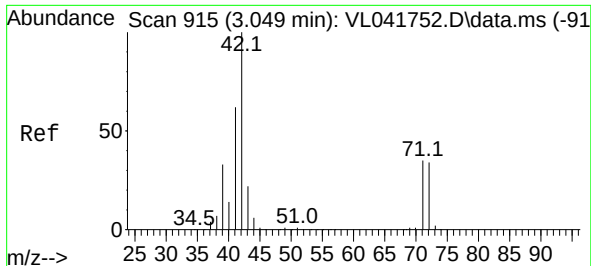
88 100

58 83.5 61.0 91.6

43 40.2 29.4 44.0

57 0.0 0.0 0.0

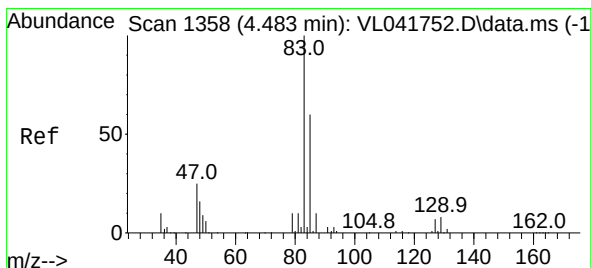
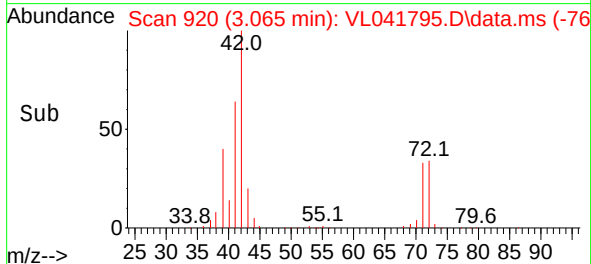
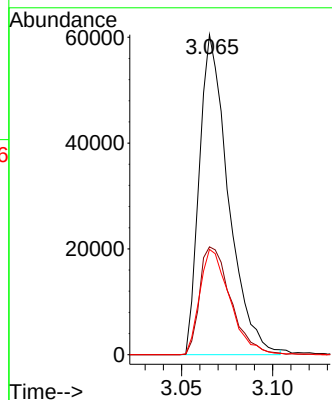
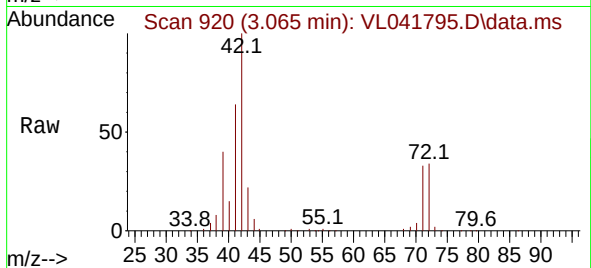




#41
Tetrahydrofuran
Concen: 8.114 ppbv
RT: 3.065 min Scan# 91
Delta R.T. 0.016 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

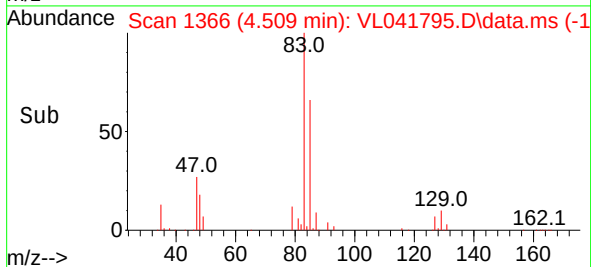
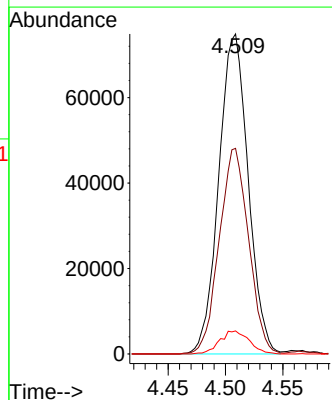
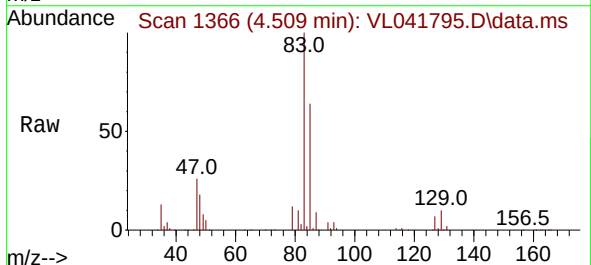
Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

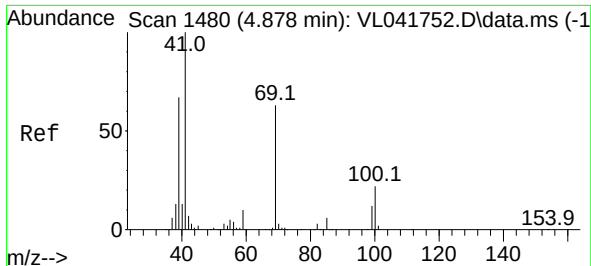
Tgt Ion: 42 Resp: 67017
Ion Ratio Lower Upper
42 100
72 36.3 29.1 43.7
71 34.4 28.4 42.6



#42
Bromodichloromethane
Concen: 9.839 ppbv
RT: 4.509 min Scan# 1366
Delta R.T. 0.026 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion: 83 Resp: 133513
Ion Ratio Lower Upper
83 100
85 64.2 48.0 72.0
127 7.2 5.8 8.8





#43

Methyl Methacrylate

Concen: 8.448 ppbv

RT: 4.897 min Scan# 1486

Delta R.T. 0.019 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_1

ClientSampleId :

VL1218ABS01

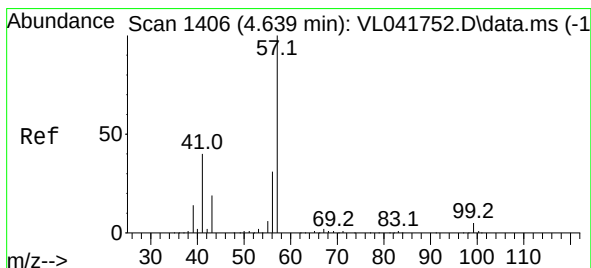
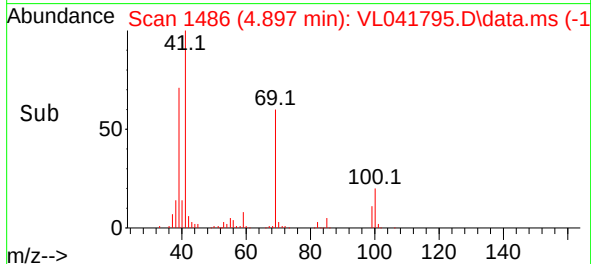
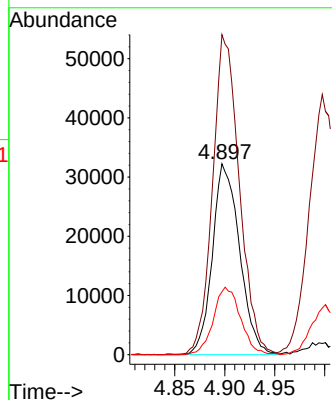
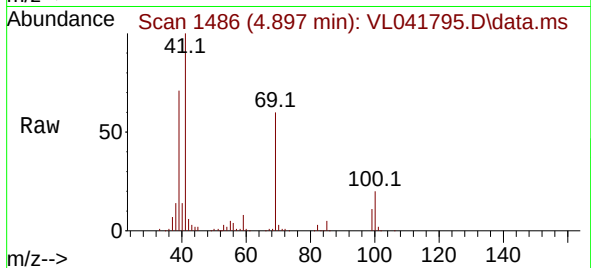
Tgt Ion: 69 Resp: 61014

Ion Ratio Lower Upper

69 100

41 165.0 130.3 195.5

100 35.3 28.3 42.5



#44

2,2,4-Trimethylpentane

Concen: 8.777 ppbv

RT: 4.658 min Scan# 1412

Delta R.T. 0.019 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

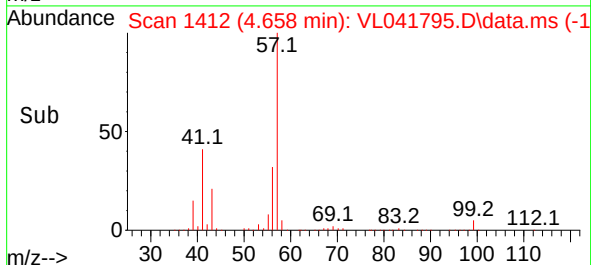
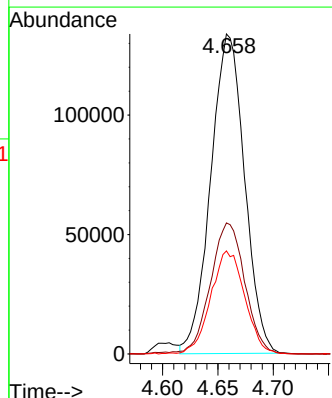
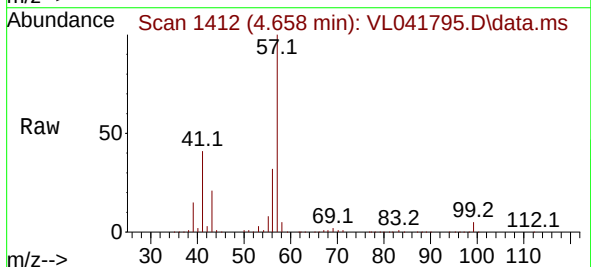
Tgt Ion: 57 Resp: 284140

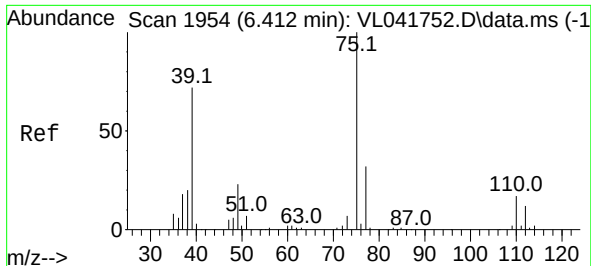
Ion Ratio Lower Upper

57 100

41 42.1 30.7 46.1

56 32.6 25.4 38.0





#45

t-1,3-Dichloropropene

Concen: 7.879 ppbv

RT: 6.438 min Scan# 11

Delta R.T. 0.026 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_1

ClientSampleId :

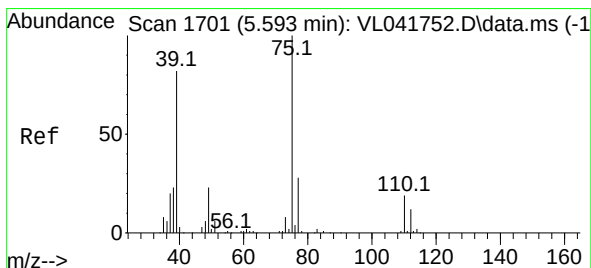
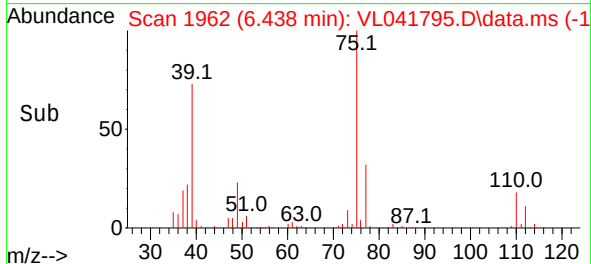
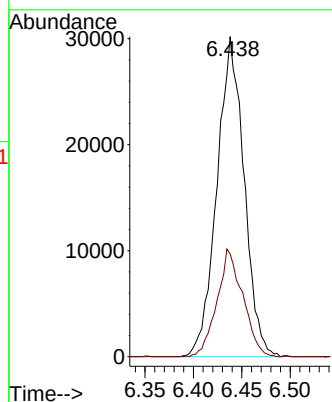
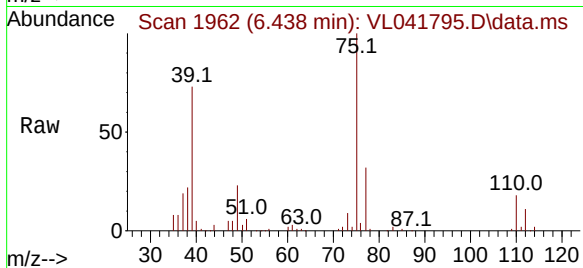
VL1218ABS01

Tgt Ion: 75 Resp: 58865

Ion Ratio Lower Upper

75 100

77 32.1 25.9 38.9



#46

cis-1,3-Dichloropropene

Concen: 7.824 ppbv

RT: 5.625 min Scan# 1711

Delta R.T. 0.032 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

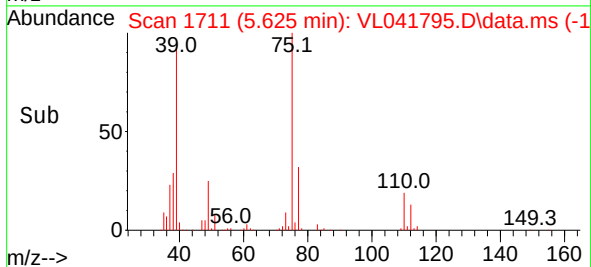
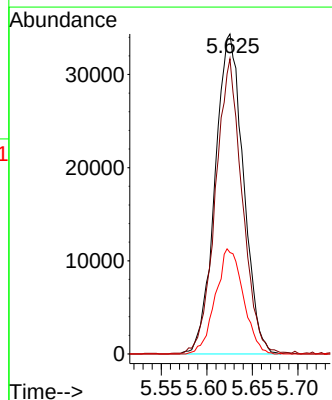
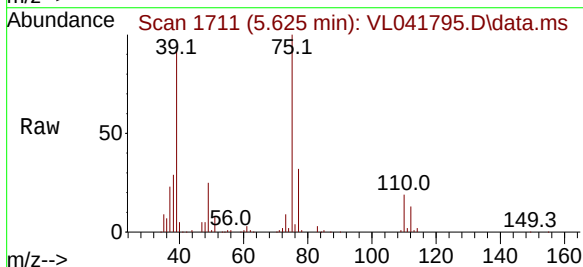
Tgt Ion: 75 Resp: 74198

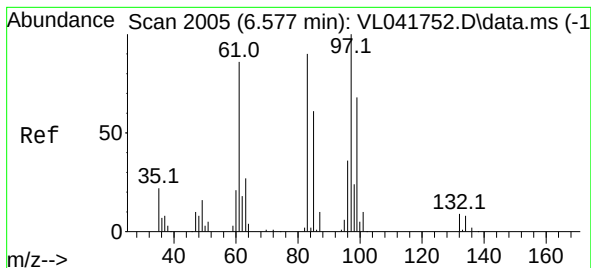
Ion Ratio Lower Upper

75 100

39 92.0 65.2 97.8

77 31.7 22.0 33.0





#47

1,1,2-Trichloroethane

Concen: 9.071 ppbv

RT: 6.603 min Scan# 2005

Delta R.T. 0.026 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_1

ClientSampleId :

VL1218ABS01

Tgt Ion: 97 Resp: 64954

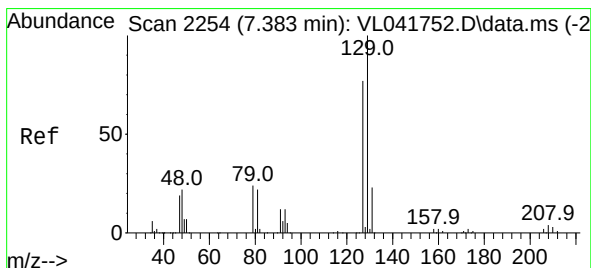
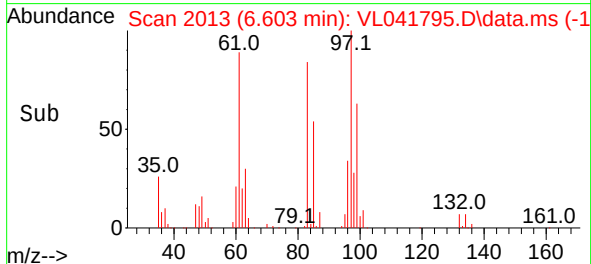
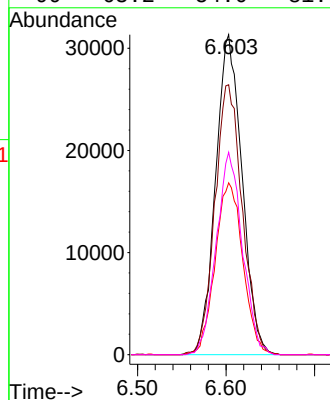
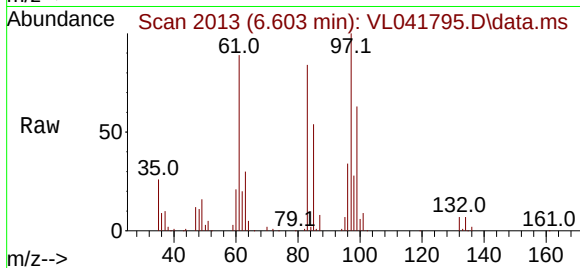
Ion Ratio Lower Upper

97 100

83 84.4 72.3 108.5

85 53.7 48.5 72.7

99 63.2 54.0 81.0



#48

Dibromochloromethane

Concen: 9.920 ppbv

RT: 7.406 min Scan# 2261

Delta R.T. 0.022 min

Lab File: VL041795.D

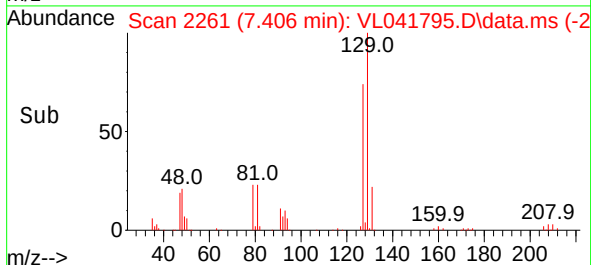
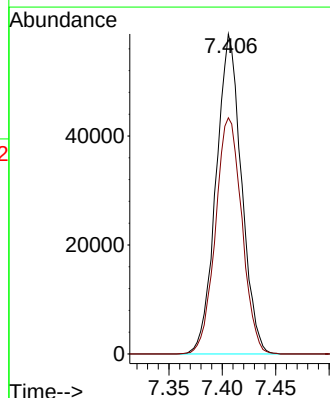
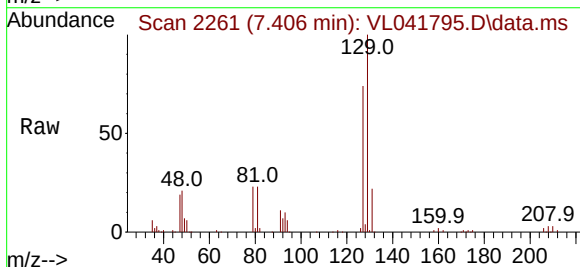
Acq: 18 Dec 2024 16:06

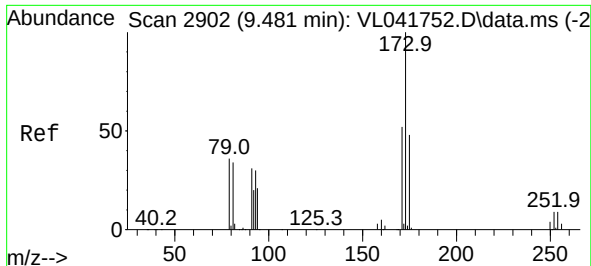
Tgt Ion: 129 Resp: 96996

Ion Ratio Lower Upper

129 100

127 76.8 38.8 116.3





#49

Bromoform

Concen: 10.100 ppbv

RT: 9.500 min Scan# 20

Delta R.T. 0.019 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_1

ClientSampleId :

VL1218ABS01

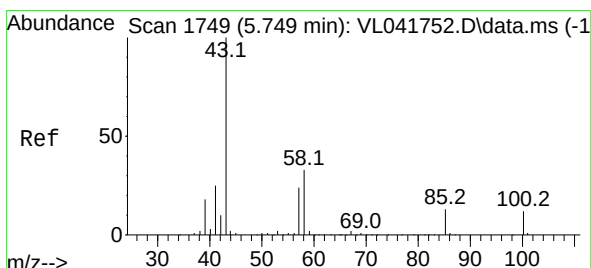
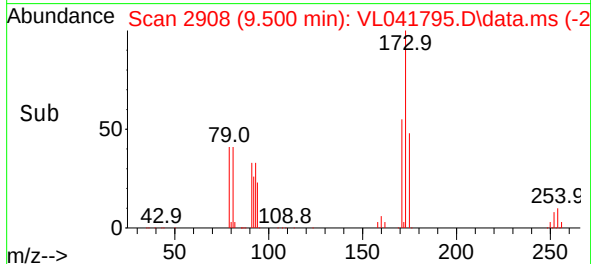
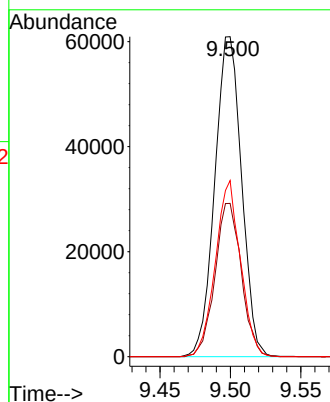
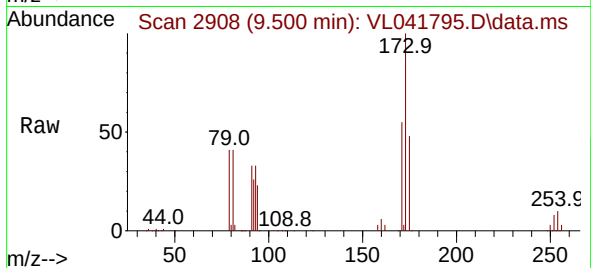
Tgt Ion:173 Resp: 80840

Ion Ratio Lower Upper

173 100

175 47.1 38.2 57.2

171 51.5 41.1 61.7



#50

4-Methyl-2-Pentanone

Concen: 8.759 ppbv

RT: 5.774 min Scan# 1757

Delta R.T. 0.026 min

Lab File: VL041795.D

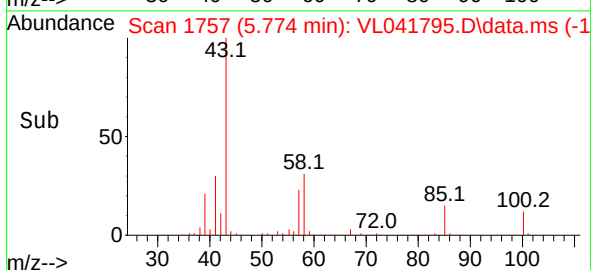
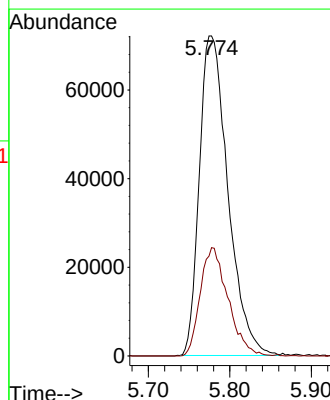
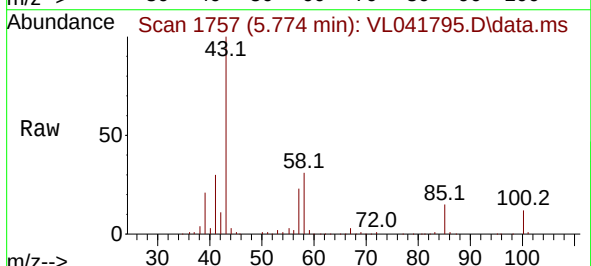
Acq: 18 Dec 2024 16:06

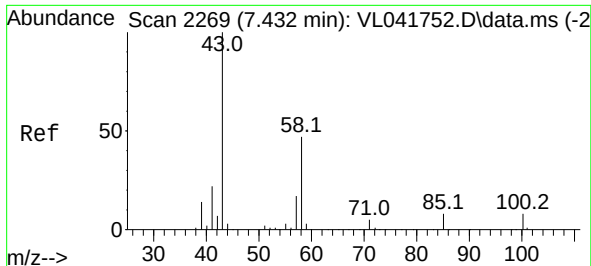
Tgt Ion: 43 Resp: 175817

Ion Ratio Lower Upper

43 100

58 32.9 26.8 40.2

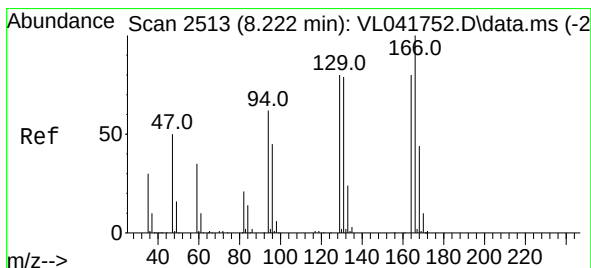
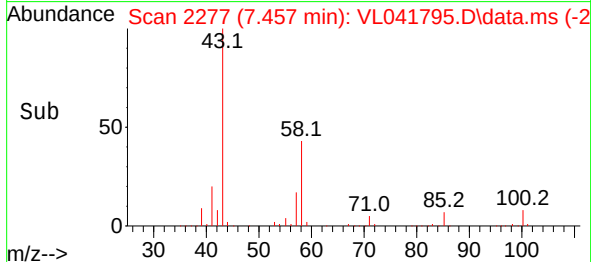
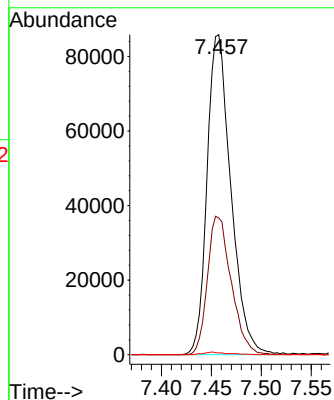
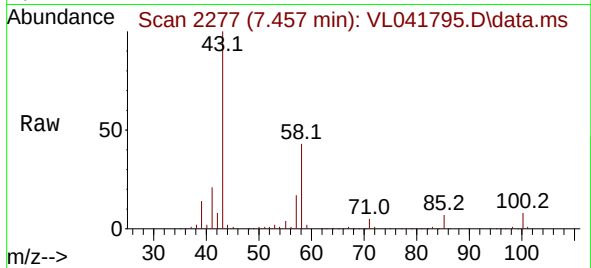




#51
2-Hexanone
Concen: 8.752 ppbv
RT: 7.457 min Scan# 21
Delta R.T. 0.025 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

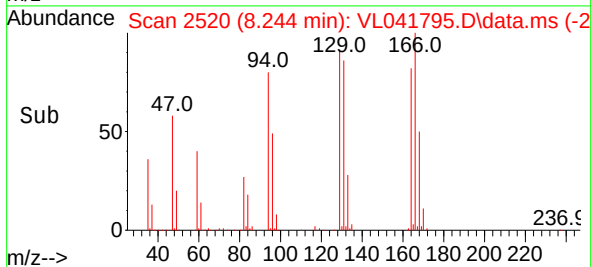
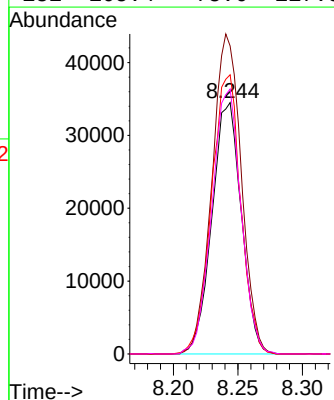
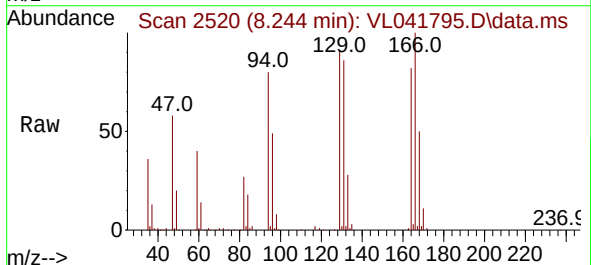
Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

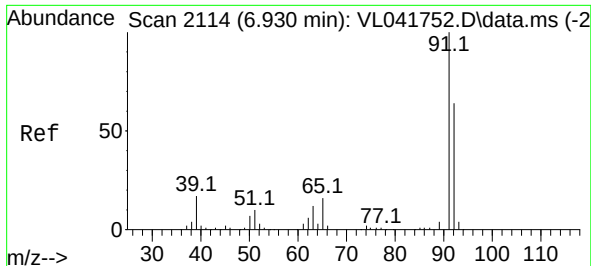
Tgt Ion: 43 Resp: 142403
Ion Ratio Lower Upper
43 100
58 43.1 36.6 55.0
98 0.8 0.1 0.1#



#52
Tetrachloroethene
Concen: 7.729 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. 0.022 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion: 164 Resp: 54531
Ion Ratio Lower Upper
164 100
166 122.5 99.8 149.6
129 111.1 79.6 119.4
131 105.4 78.6 117.8





#53

Toluene

Concen: 8.265 ppbv

RT: 6.952 min Scan# 2114

Delta R.T. 0.022 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_1

ClientSampleId :

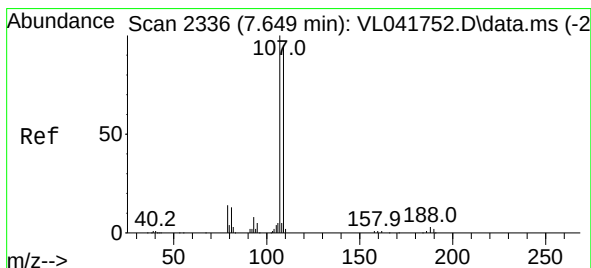
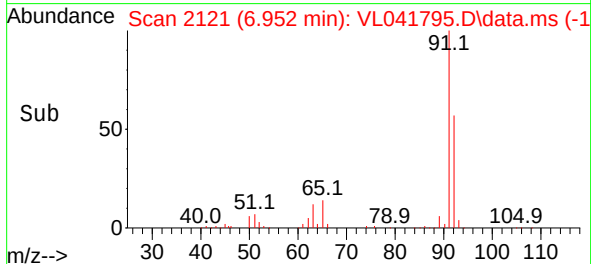
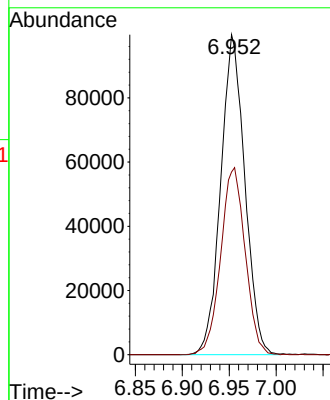
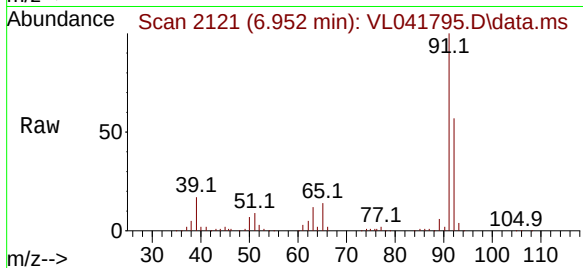
VL1218ABS01

Tgt Ion: 91 Resp: 177625

Ion Ratio Lower Upper

91 100

92 59.4 47.9 71.9



#54

1,2-Dibromoethane

Concen: 9.161 ppbv

RT: 7.671 min Scan# 2343

Delta R.T. 0.022 min

Lab File: VL041795.D

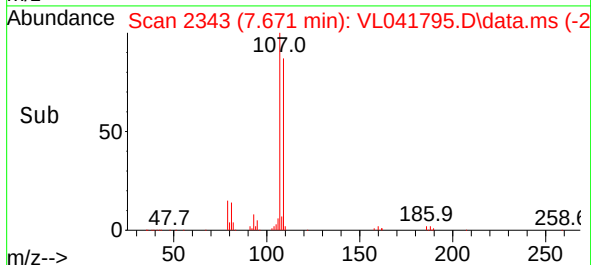
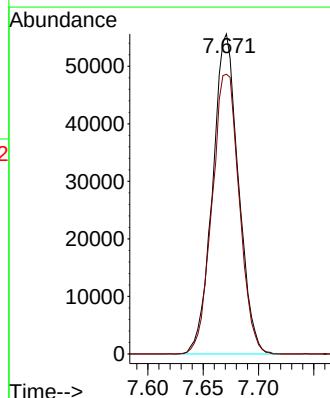
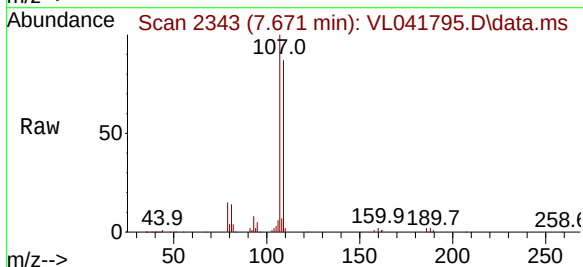
Acq: 18 Dec 2024 16:06

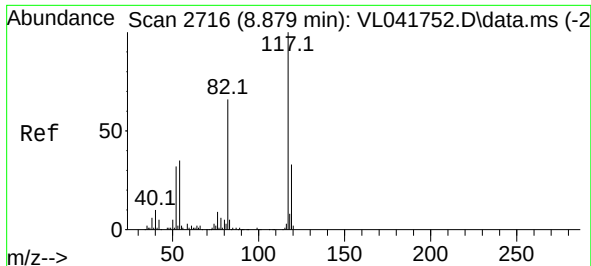
Tgt Ion: 107 Resp: 90389

Ion Ratio Lower Upper

107 100

109 87.4 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan# 2716

Delta R.T. 0.019 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_1

ClientSampleId :

VL1218ABS01

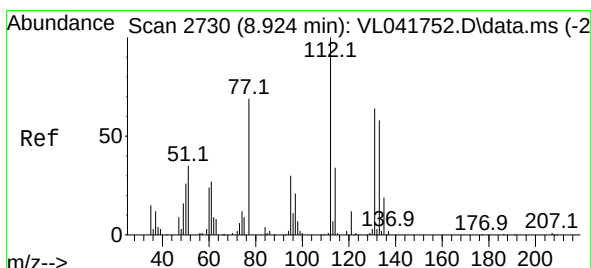
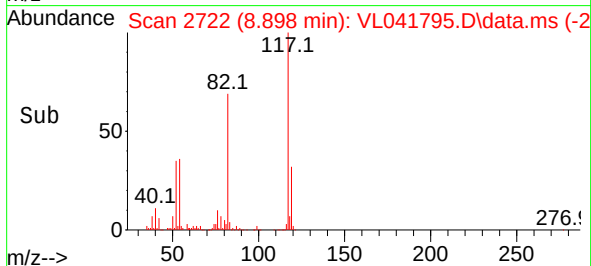
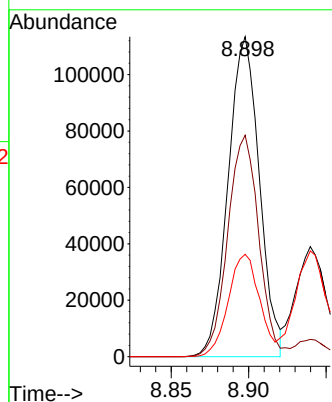
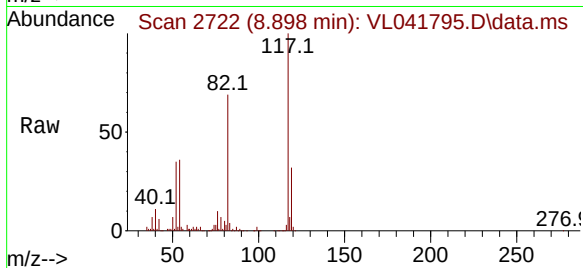
Tgt Ion:117 Resp: 159496

Ion Ratio Lower Upper

117 100

82 74.0 53.8 80.8

119 32.0 26.7 40.1



#56

1,1,1,2-Tetrachloroethane

Concen: 10.202 ppbv

RT: 8.943 min Scan# 2736

Delta R.T. 0.019 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

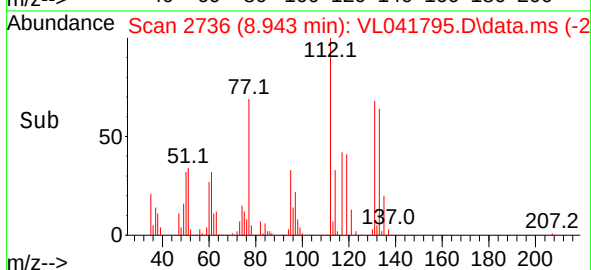
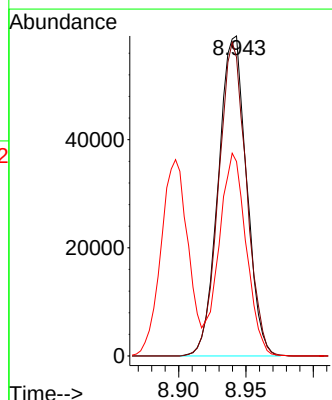
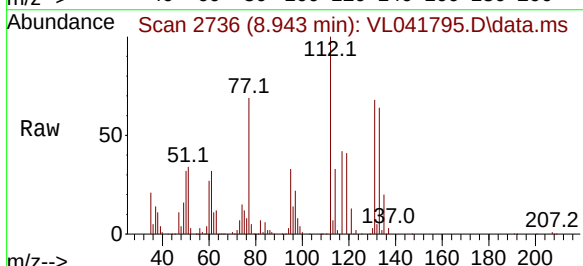
Tgt Ion:131 Resp: 86262

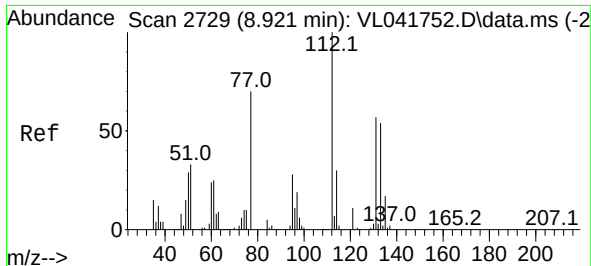
Ion Ratio Lower Upper

131 100

133 96.4 76.8 115.2

119 61.2 49.0 73.6

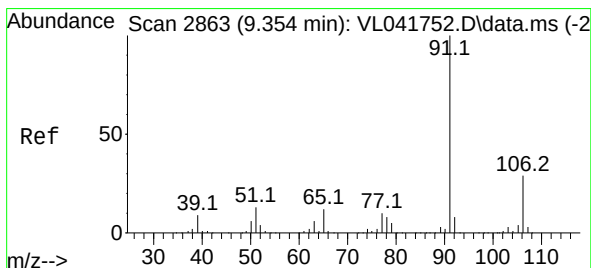
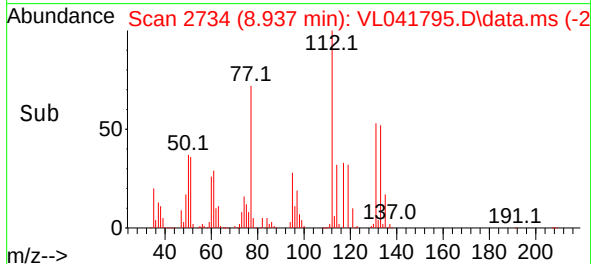
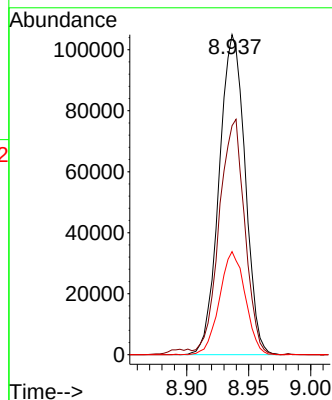
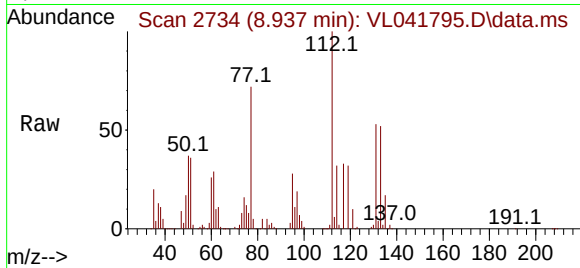




#57
Chlorobenzene
Concen: 9.415 ppbv
RT: 8.937 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

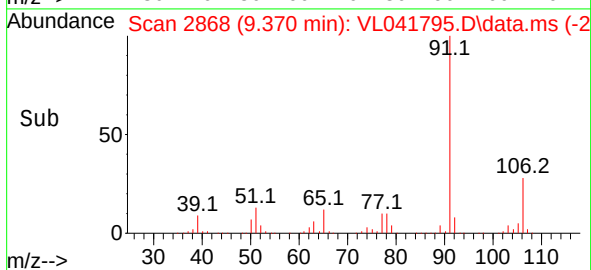
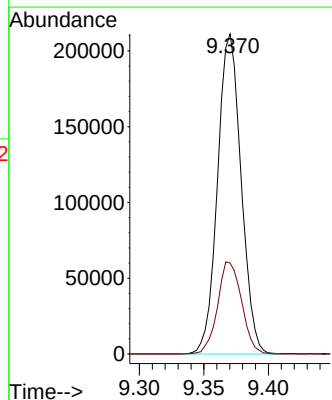
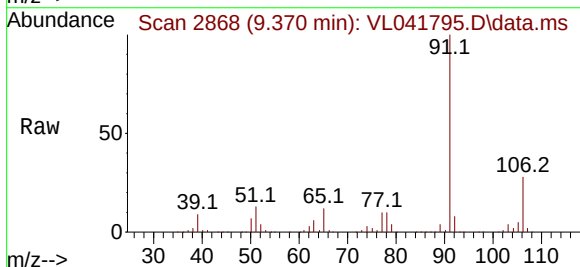
Instrument :
MSVOA_1
ClientSampleId :
VL1218ABS01

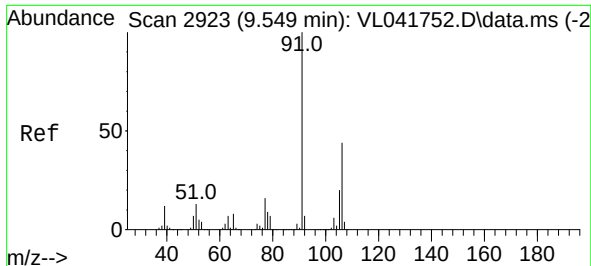
Tgt Ion:112 Resp: 153659
Ion Ratio Lower Upper
112 100
77 71.6 57.4 86.0
114 32.2 27.4 33.4



#58
Ethyl Benzene
Concen: 9.326 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. 0.016 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion: 91 Resp: 267795
Ion Ratio Lower Upper
91 100
106 28.4 23.5 35.3





#59

m/p-Xylene

Concen: 8.573 ppbv

RT: 9.564 min Scan# 2923

Delta R.T. 0.016 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_1

ClientSampleId :

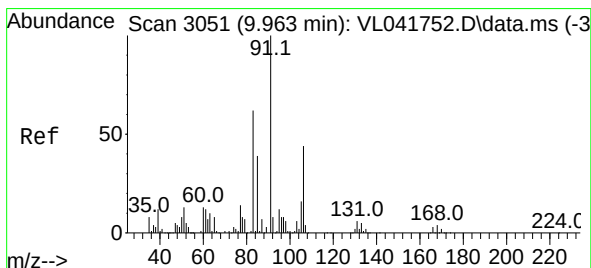
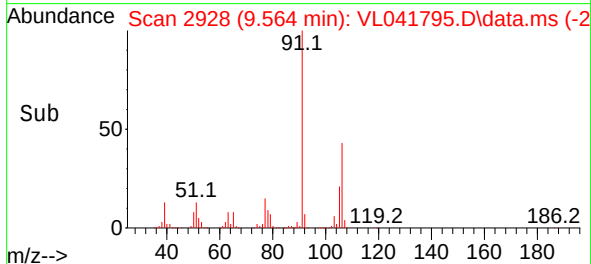
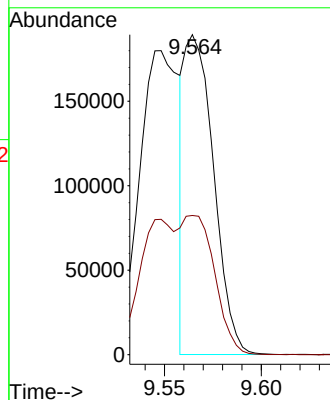
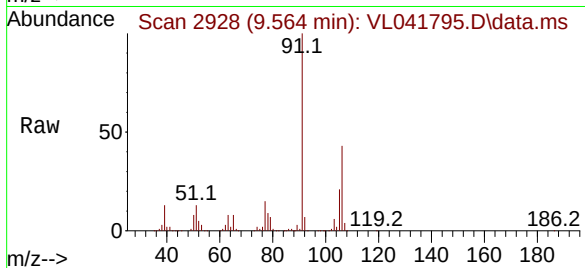
VL1218ABS01

Tgt Ion: 91 Resp: 197933

Ion Ratio Lower Upper

91 100

106 103.7 0.0 0.0#



#60

o-Xylene

Concen: 9.930 ppbv

RT: 9.975 min Scan# 3055

Delta R.T. 0.013 min

Lab File: VL041795.D

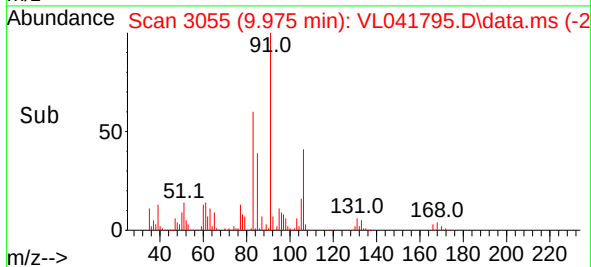
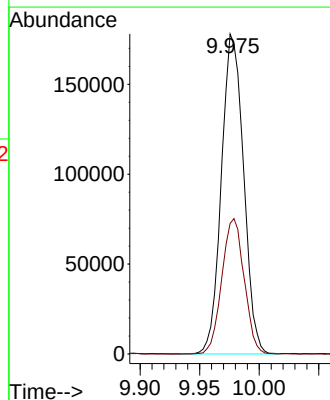
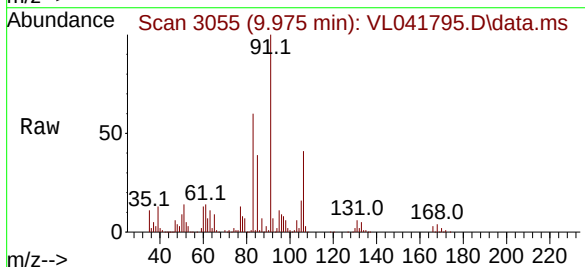
Acq: 18 Dec 2024 16:06

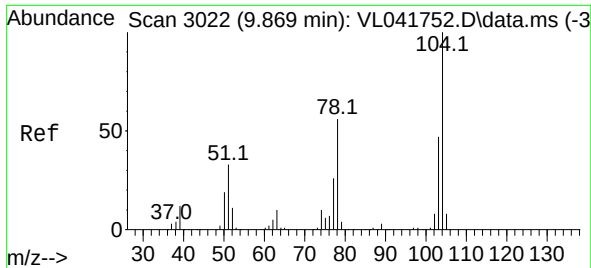
Tgt Ion: 91 Resp: 229919

Ion Ratio Lower Upper

91 100

106 42.5 21.1 63.4

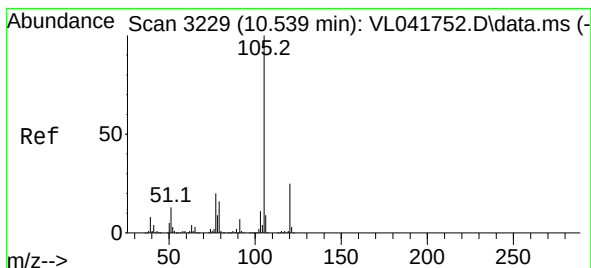
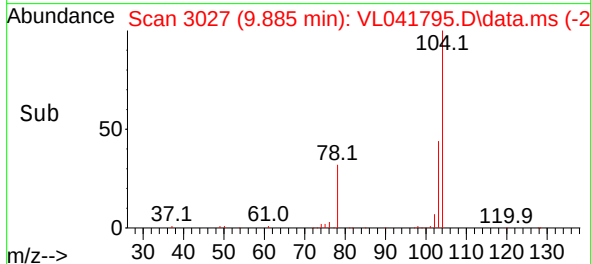
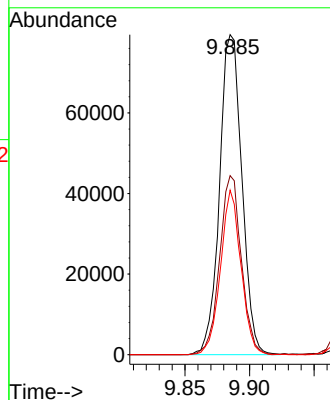
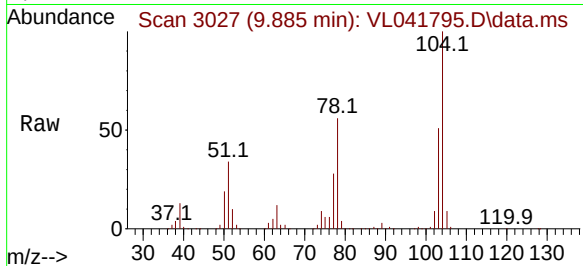




#61
Styrene
Concen: 9.543 ppbv
RT: 9.885 min Scan# 3022
Delta R.T. 0.016 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

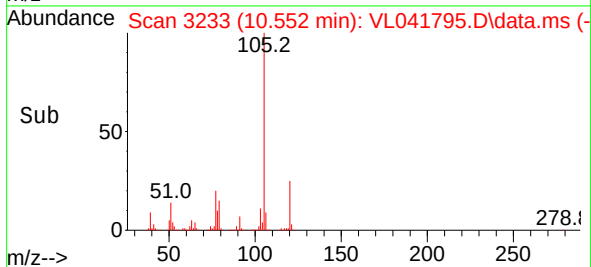
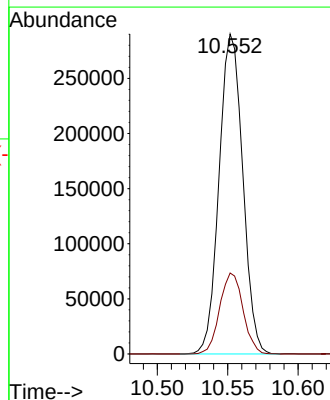
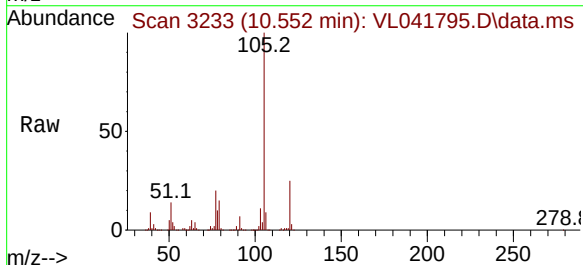
Instrument :
MSVOA_L
ClientSampleId :
VL1218ABS01

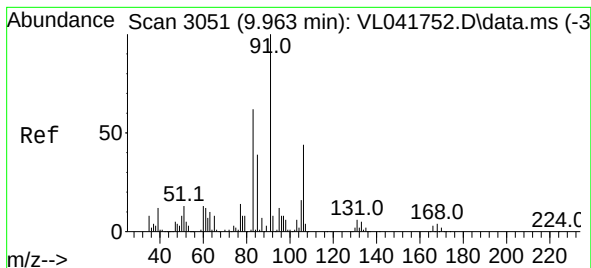
Tgt Ion:104 Resp: 95536
Ion Ratio Lower Upper
104 100
78 54.4 43.8 65.6
103 47.1 37.8 56.6



#62
Isopropylbenzene
Concen: 9.762 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. 0.013 min
Lab File: VL041795.D
Acq: 18 Dec 2024 16:06

Tgt Ion:105 Resp: 339599
Ion Ratio Lower Upper
105 100
120 24.9 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 9.817 ppbv

RT: 9.975 min Scan# 3051

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_1

ClientSampleId :

VL1218ABS01

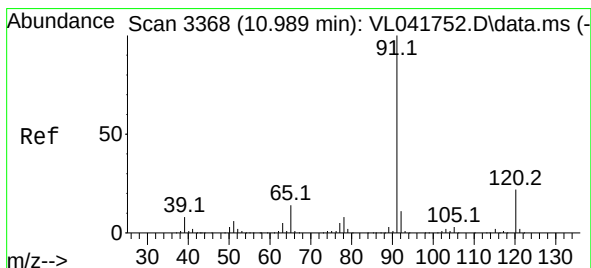
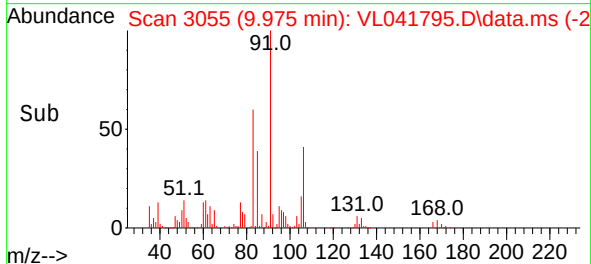
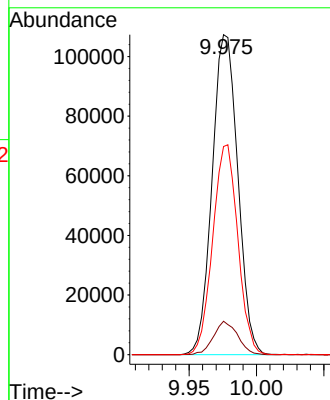
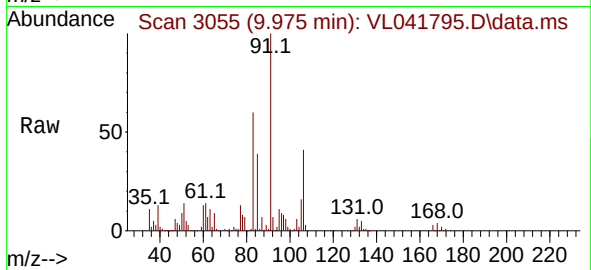
Tgt Ion: 83 Resp: 142272

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

85 64.1 32.0 96.2



#64

n-propylbenzene

Concen: 9.880 ppbv

RT: 11.002 min Scan# 3372

Delta R.T. 0.013 min

Lab File: VL041795.D

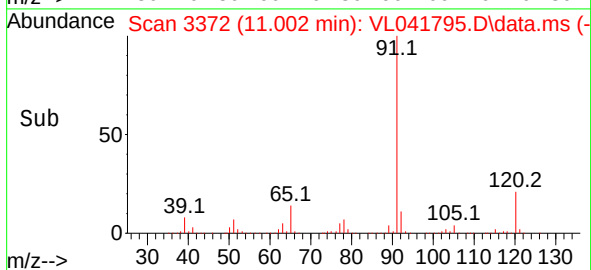
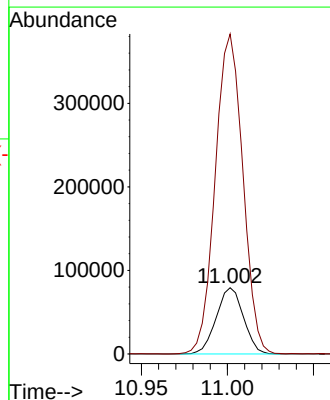
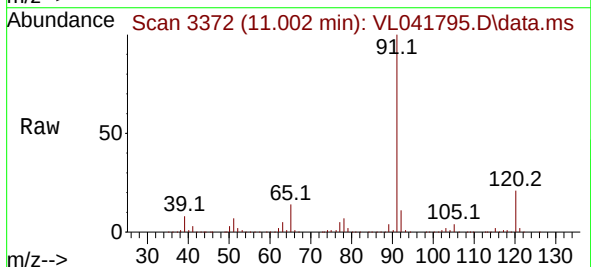
Acq: 18 Dec 2024 16:06

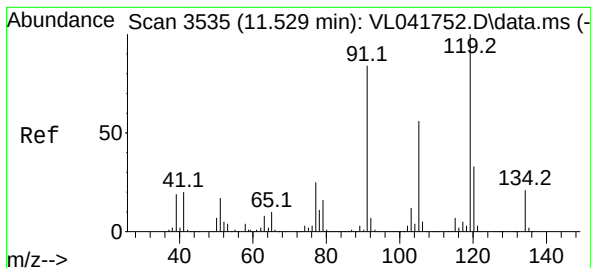
Tgt Ion:120 Resp: 86896

Ion Ratio Lower Upper

120 100

91 493.0 387.3 580.9





#65

tert-Butylbenzene

Concen: 9.808 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_1

ClientSampleId :

VL1218ABS01

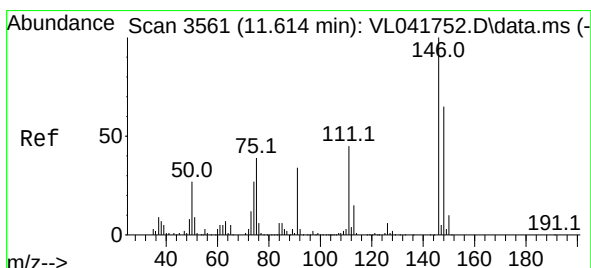
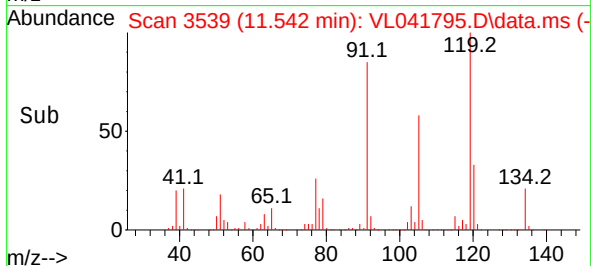
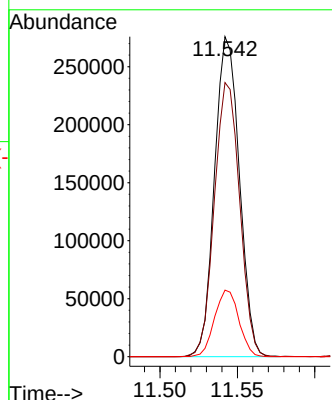
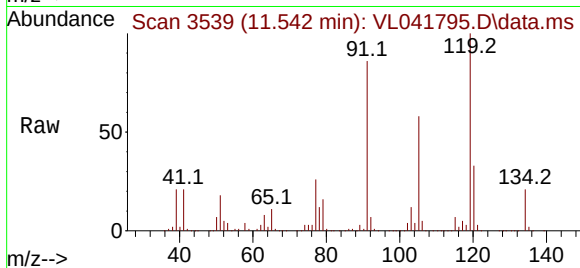
Tgt Ion:119 Resp: 307835

Ion Ratio Lower Upper

119 100

91 87.3 67.0 100.4

134 20.4 16.5 24.7



#66

Benzyl Chloride

Concen: 7.936 ppbv

RT: 11.626 min Scan# 3565

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

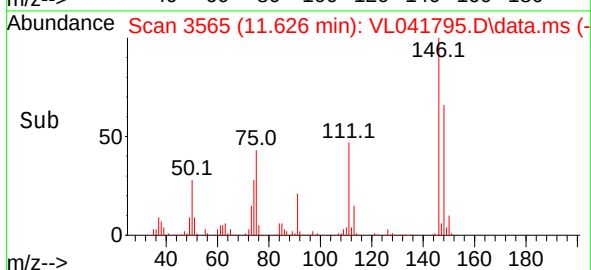
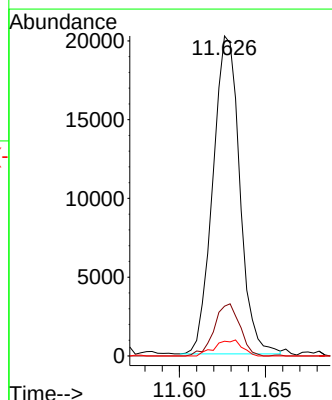
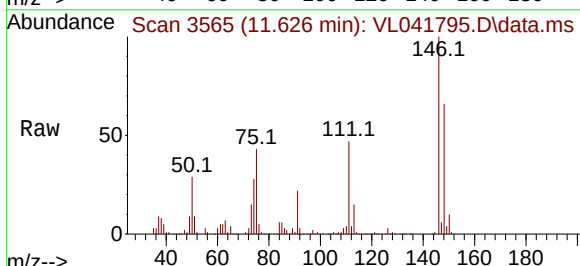
Tgt Ion: 91 Resp: 21939

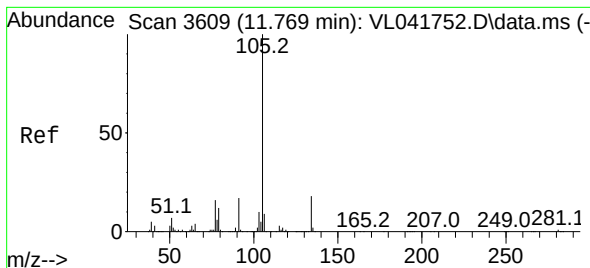
Ion Ratio Lower Upper

91 100

126 15.7 13.9 20.9

128 5.1 4.4 6.6

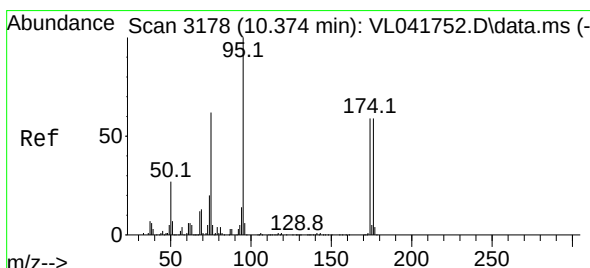
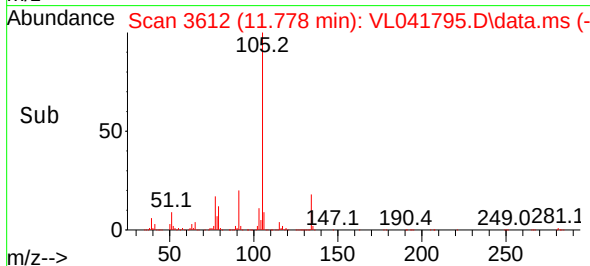
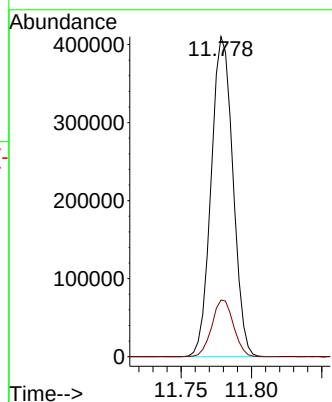
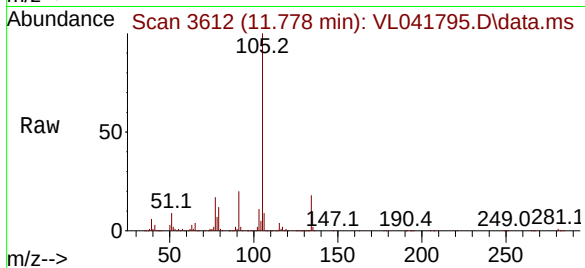




#67
 sec-Butylbenzene
 Concen: 10.167 ppbv
 RT: 11.778 min Scan# 3612
 Delta R.T. 0.009 min
 Lab File: VL041795.D
 Acq: 18 Dec 2024 16:06

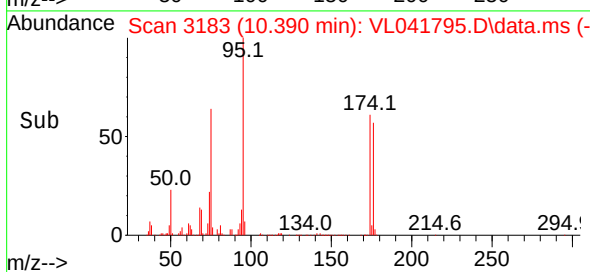
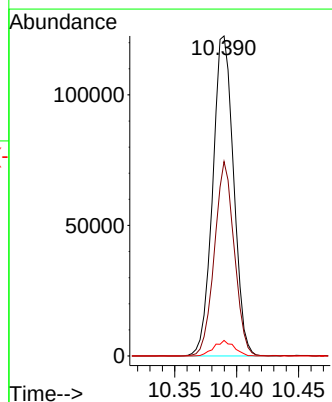
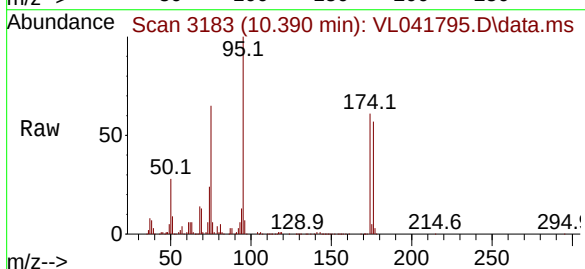
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1218ABS01

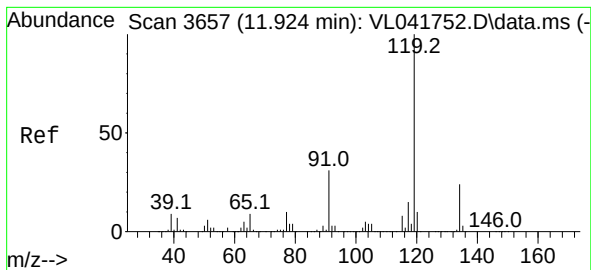
Tgt Ion:105 Resp: 441578
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.5 21.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.825 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. 0.016 min
 Lab File: VL041795.D
 Acq: 18 Dec 2024 16:06

Tgt Ion: 95 Resp: 143879
 Ion Ratio Lower Upper
 95 100
 174 57.9 47.6 71.4
 175 4.6 3.7 5.5





#69

p-Isopropyltoluene

Concen: 10.229 ppbv

RT: 11.937 min Scan# 3661

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_L

ClientSampleId :

VL1218ABS01

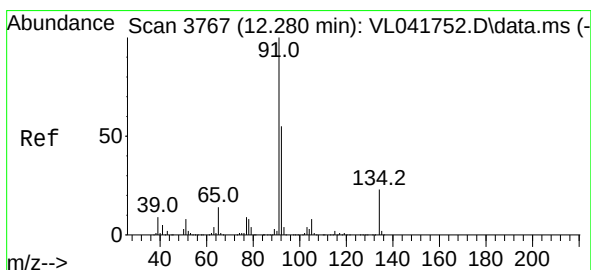
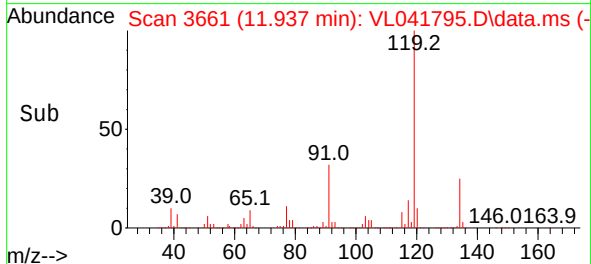
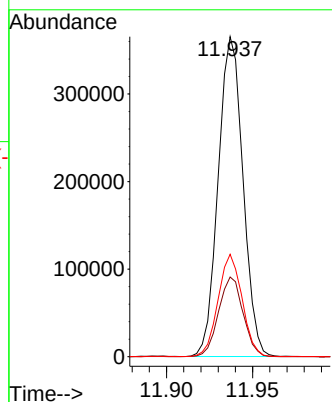
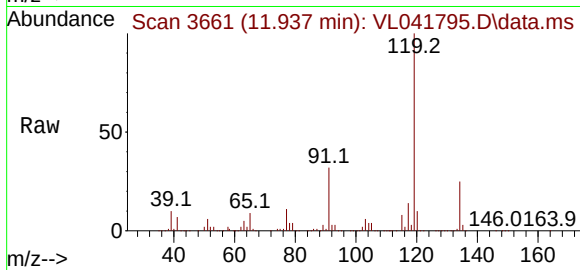
Tgt Ion:119 Resp: 366111

Ion Ratio Lower Upper

119 100

134 24.7 19.6 29.4

91 31.3 24.4 36.6



#70

n-Butylbenzene

Concen: 10.597 ppbv

RT: 12.293 min Scan# 3771

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

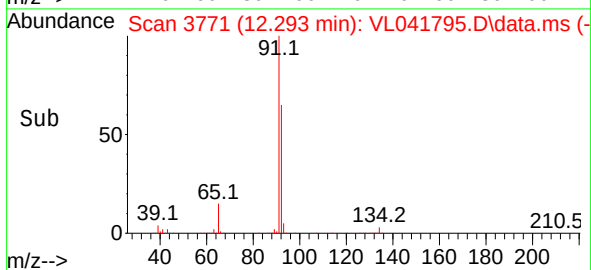
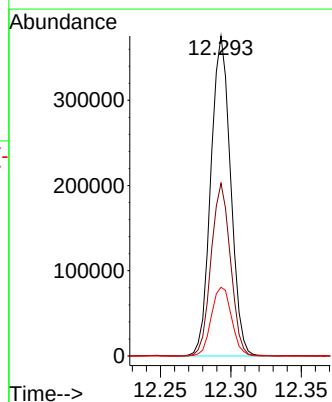
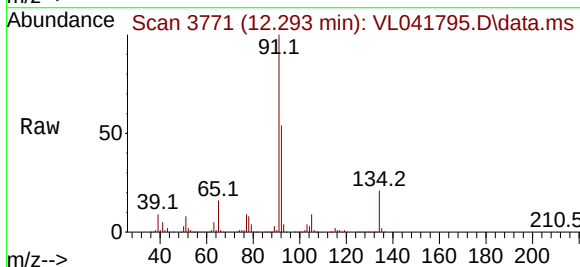
Tgt Ion: 91 Resp: 366451

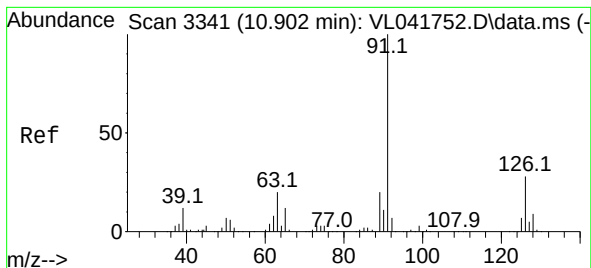
Ion Ratio Lower Upper

91 100

92 52.8 43.2 64.8

134 22.0 18.2 27.4





#71

2-Chlorotoluene

Concen: 9.622 ppbv

RT: 10.914 min Scan# 3414

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_1

ClientSampleId :

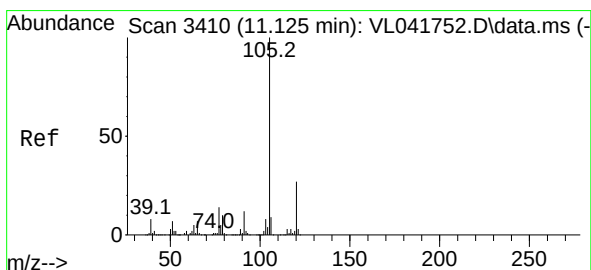
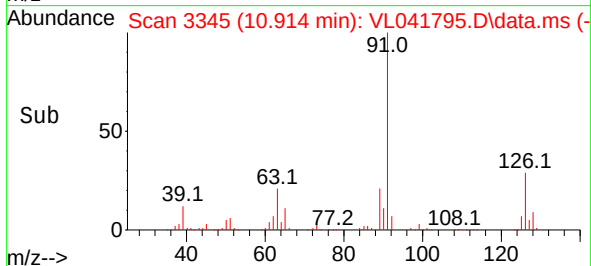
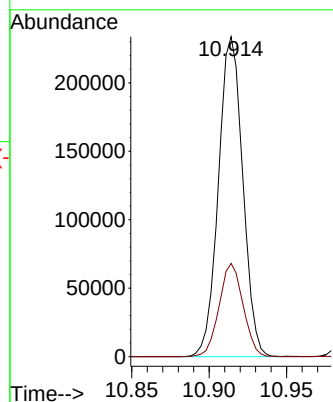
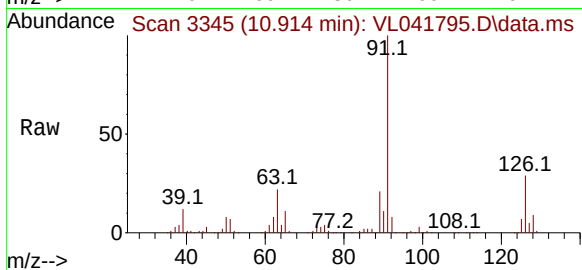
VL1218ABS01

Tgt Ion: 91 Resp: 255490

Ion Ratio Lower Upper

91 100

126 28.7 11.6 46.4



#72

4-Ethyltoluene

Concen: 10.137 ppbv

RT: 11.137 min Scan# 3414

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Tgt Ion:105 Resp: 277025

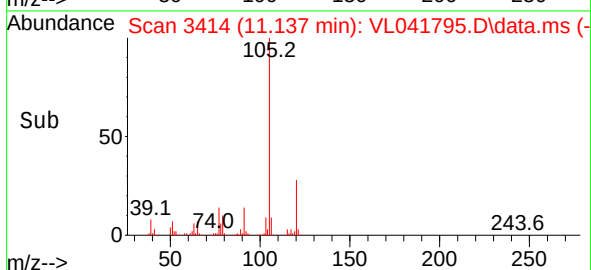
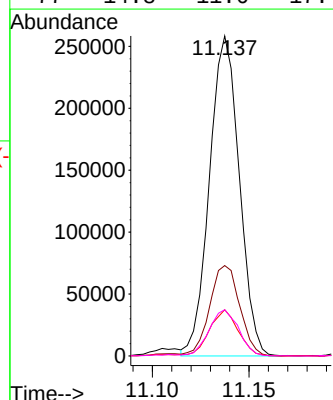
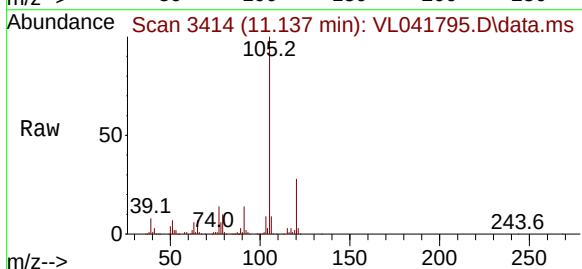
Ion Ratio Lower Upper

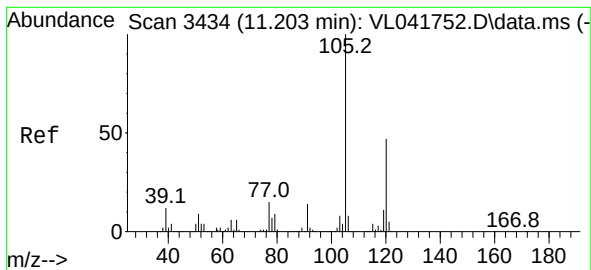
105 100

120 29.1 23.3 34.9

91 14.4 10.9 16.3

77 14.8 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 10.613 ppbv

RT: 11.215 min Scan# 3438

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_1

ClientSampleId :

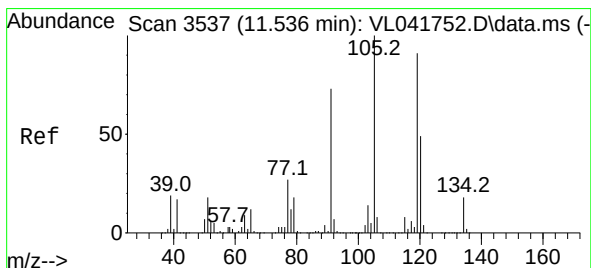
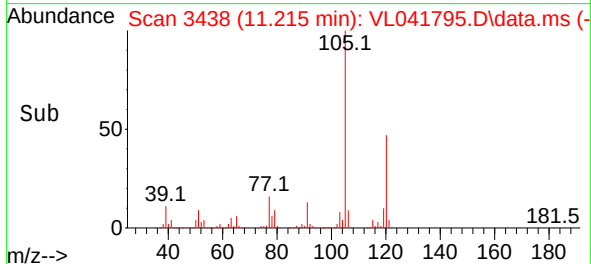
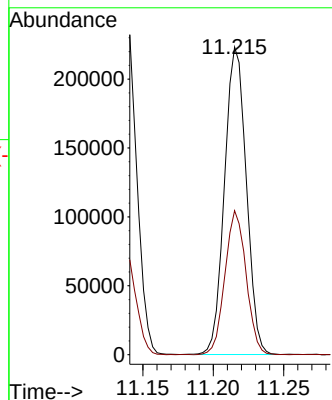
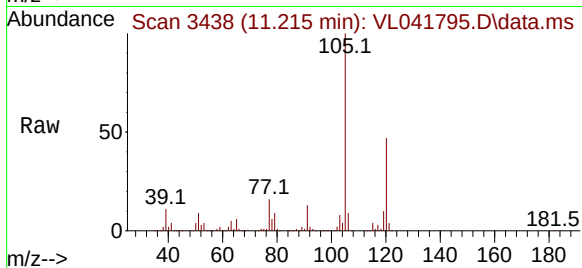
VL1218ABS01

Tgt Ion:105 Resp: 240648

Ion Ratio Lower Upper

105 100

120 46.8 37.4 56.2



#74

1,2,4-Trimethylbenzene

Concen: 10.679 ppbv

RT: 11.548 min Scan# 3541

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Tgt Ion:105 Resp: 260378

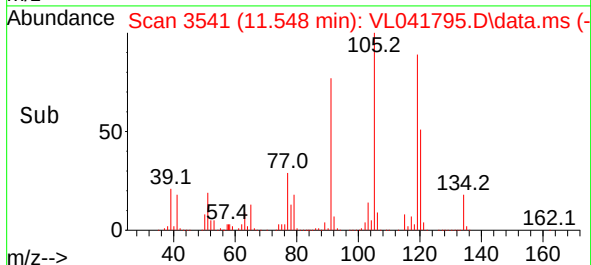
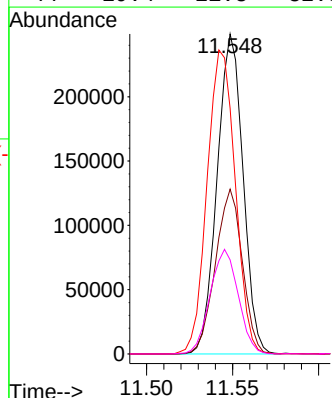
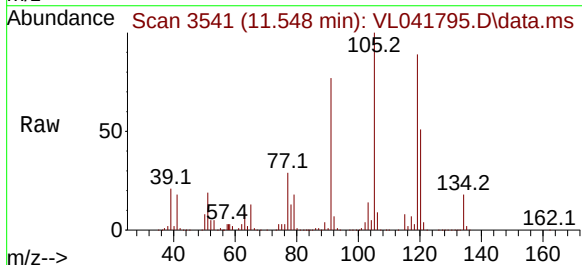
Ion Ratio Lower Upper

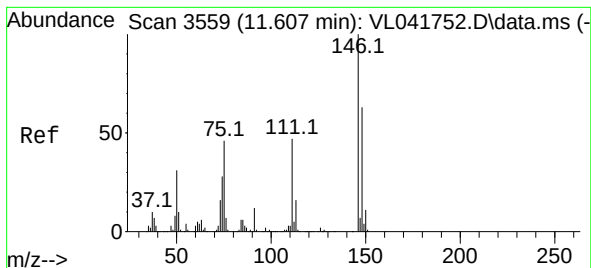
105 100

120 51.5 39.0 58.4

91 76.7 58.1 87.1

77 29.4 21.8 32.8





#75

1,3-Dichlorobenzene

Concen: 9.809 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_1

ClientSampleId :

VL1218ABS01

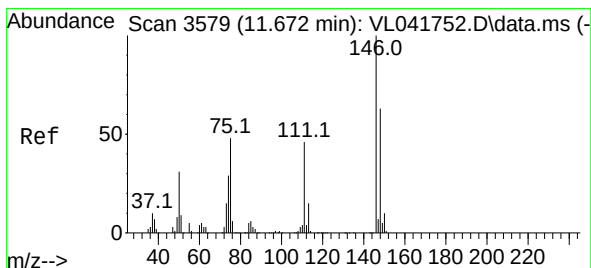
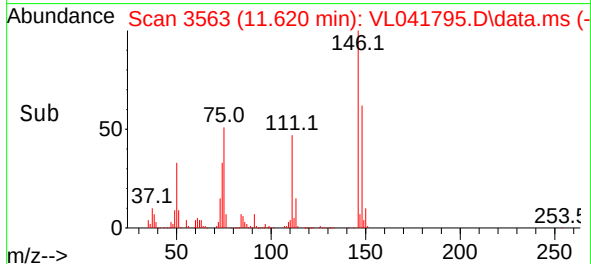
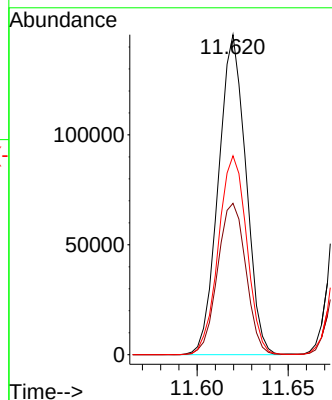
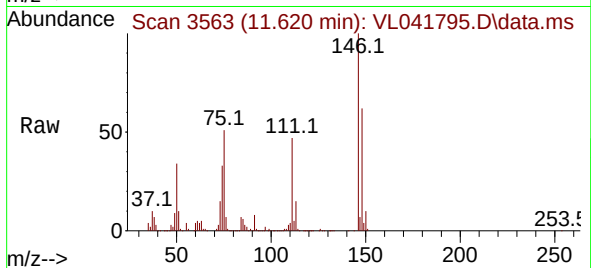
Tgt Ion:146 Resp: 152493

Ion Ratio Lower Upper

146 100

111 48.7 23.4 70.3

148 64.1 31.6 95.0



#76

1,4-Dichlorobenzene

Concen: 9.926 ppbv

RT: 11.684 min Scan# 3583

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

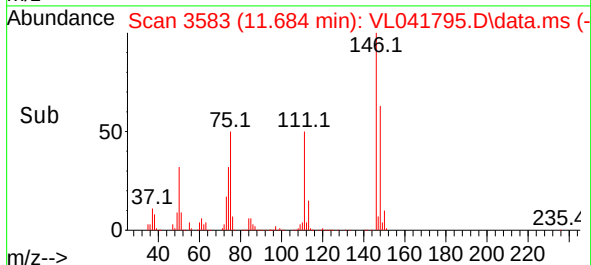
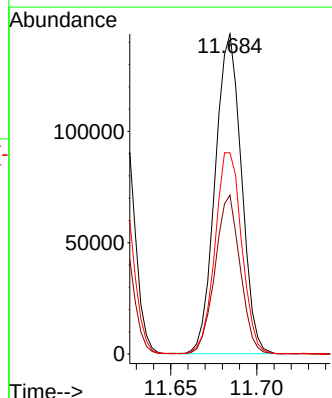
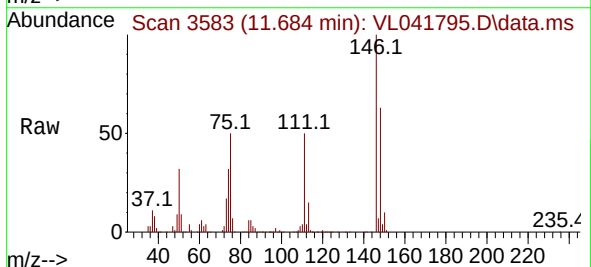
Tgt Ion:146 Resp: 152432

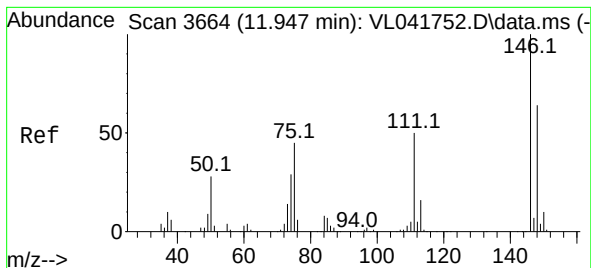
Ion Ratio Lower Upper

146 100

111 47.8 22.7 68.1

148 64.5 31.4 94.0





#77

1,2-Dichlorobenzene

Concen: 9.922 ppbv

RT: 11.960 min Scan# 3

Delta R.T. 0.013 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_L

ClientSampleId :

VL1218ABS01

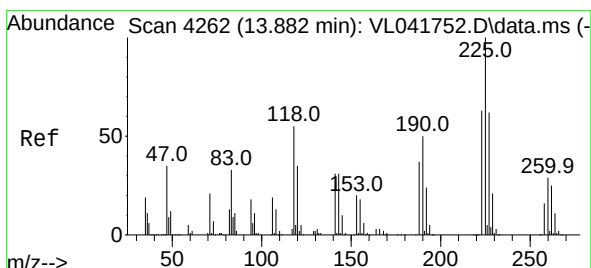
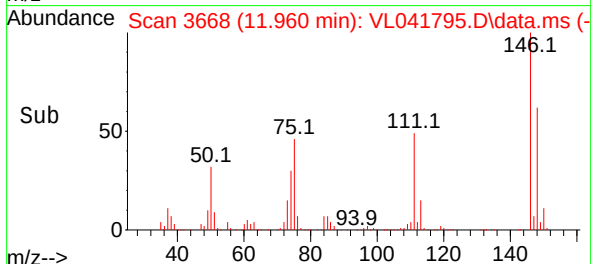
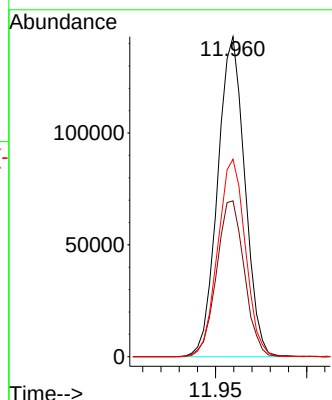
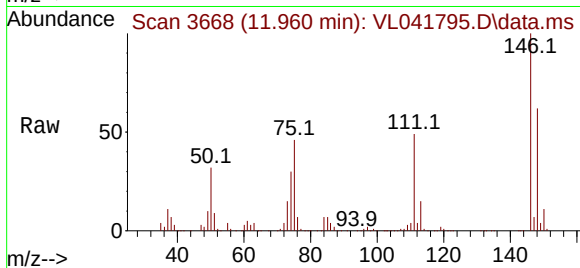
Tgt Ion:146 Resp: 148412

Ion Ratio Lower Upper

146 100

111 50.0 24.8 74.3

148 62.8 31.8 95.4



#78

Hexachloro-1,3-Butadiene

Concen: 7.987 ppbv

RT: 13.892 min Scan# 4265

Delta R.T. 0.009 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

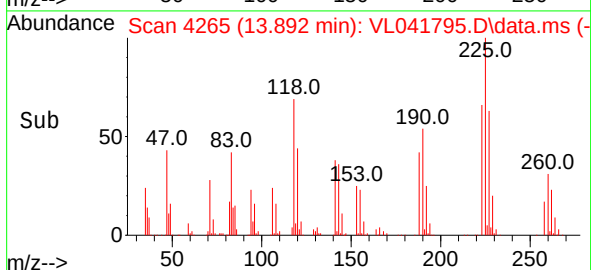
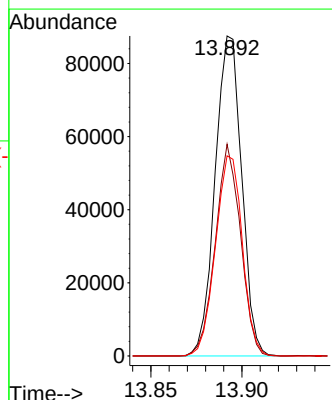
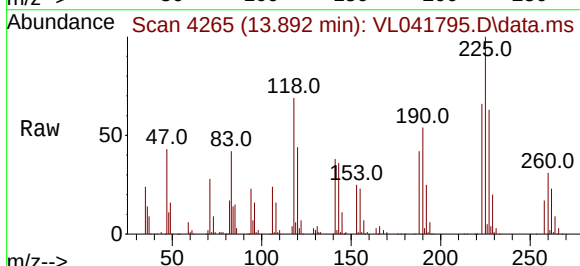
Tgt Ion:225 Resp: 88582

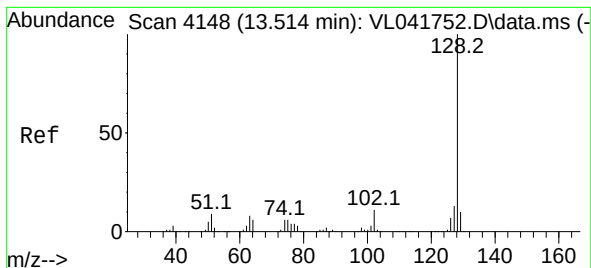
Ion Ratio Lower Upper

225 100

223 62.9 50.5 75.7

227 63.3 50.3 75.5





#79

Naphthalene

Concen: 11.154 ppbv

RT: 13.523 min Scan# 41

Delta R.T. 0.009 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

Instrument :

MSVOA_1

ClientSampleId :

VL1218ABS01

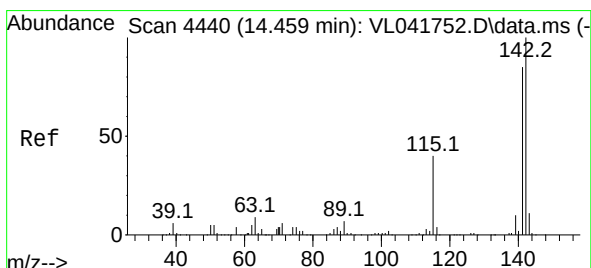
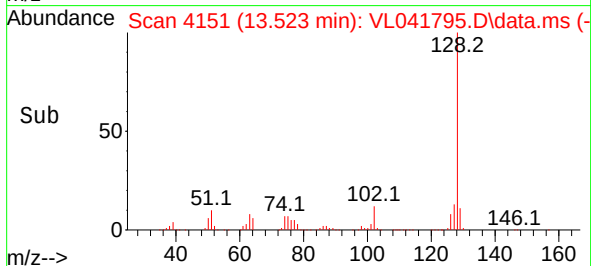
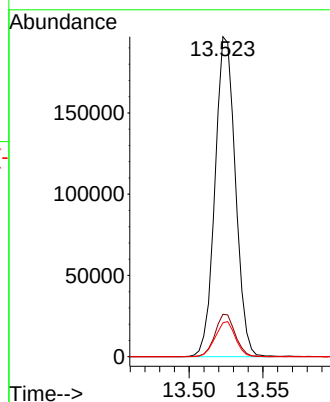
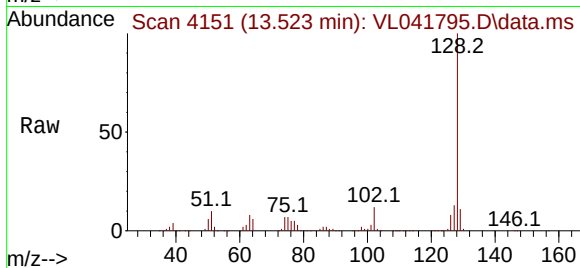
Tgt Ion:128 Resp: 189506

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 10.6 8.2 12.4



#80

Naphthalene,2-methyl-

Concen: 15.634 ppbv

RT: 14.468 min Scan# 4443

Delta R.T. 0.009 min

Lab File: VL041795.D

Acq: 18 Dec 2024 16:06

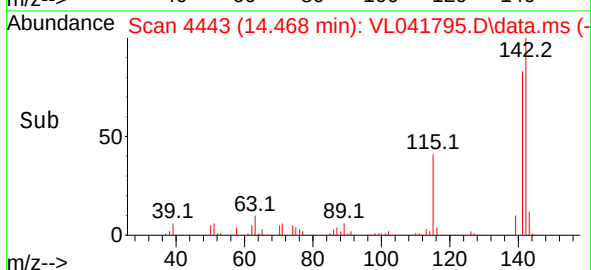
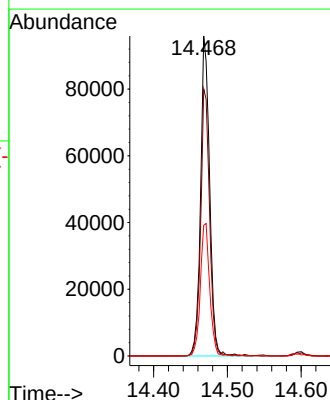
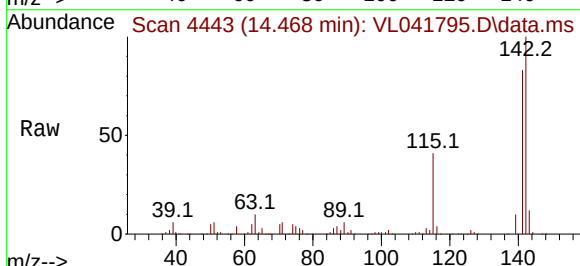
Tgt Ion:142 Resp: 82155

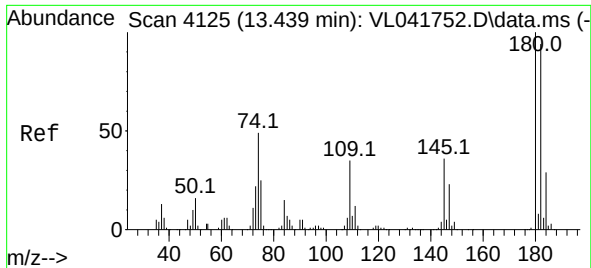
Ion Ratio Lower Upper

142 100

141 82.5 68.4 102.6

115 43.2 32.5 48.7





#81
 1,2,4-Trichlorobenzene
 Concen: 9.592 ppbv
 RT: 13.452 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL041795.D
 Acq: 18 Dec 2024 16:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1218ABS01

Tgt Ion:180 Resp: 89052
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.0 115.6
 184 29.8 23.8 35.8

