

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
 Data File : VL041775.D
 Acq On : 17 Dec 2024 13:10
 Operator : SY/MD
 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 21 03:01:48 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	2.790	49	57944	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	152011	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	130372	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.386	95	108670	10.003	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	5413	0.525	ppbv	97
3) Chlorodifluoromethane	1.476	51	4377	0.463	ppbv #	91
4) Chloromethane	1.534	50	2152	0.533	ppbv	98
5) Vinyl Chloride	1.583	62	1895	0.466	ppbv	96
6) Bromomethane	1.670	94	877	0.457	ppbv	92
7) Chloroethane	1.706	64	797	0.505	ppbv	91
8) Dichlorotetrafluoroethane	1.557	85	4519	0.490	ppbv	98
9) Propene	1.486	41	1675	0.409	ppbv	95
10) Heptane	4.994	43	3222	0.306	ppbv	97
11) Trichlorofluoromethane	1.881	101	5556	0.507	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.143	101	4346	0.522	ppbv	100
13) Ethanol	1.725	45	2081	6.136	ppbv	94
14) Bromoethene	1.784	108	1309	0.465	ppbv #	88
15) Acetone	1.839	43	7303	0.648	ppbv	98
16) 1,3-Butadiene	1.609	39	2460	0.554	ppbv	92
17) tert-Butyl alcohol	2.046	59	5240	0.469	ppbv	100
18) 1,1-Dichloroethene	2.036	96	1720	0.493	ppbv	97
19) Isopropyl Alcohol	1.890	45	5040	0.745	ppbv #	34
20) Methylene Chloride	2.062	84	2088	0.649	ppbv	90
21) Allyl Chloride	2.097	41	2969	0.486	ppbv #	85
22) trans-1,2-Dichloroethene	2.036	96	1720	0.430	ppbv	85
23) Vinyl Acetate	2.460	43	639	0.122	ppbv #	79
24) 1,1-Dichloroethane	2.415	63	3883	0.480	ppbv #	88
25) Ethyl Acetate	2.845	43	8372	0.399	ppbv	98
26) Hexane	2.829	57	2791	0.351	ppbv #	80
27) Carbon Disulfide	2.156	76	1951	0.272	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	2841	0.440	ppbv	93
29) Chloroform	2.852	83	6076	0.501	ppbv	93
30) Cyclohexane	3.861	84	1463	0.216	ppbv #	11
31) cis-1,2-Dichloroethene	2.722	61	3276	0.398	ppbv #	80
32) 1,1,1-Trichloroethane	3.373	97	4720	0.383	ppbv	92
34) 2-Butanone	2.567	43	5420	0.443	ppbv	97
35) Carbon Tetrachloride	3.774	117	4653	0.431	ppbv	96
36) Benzene	3.667	78	6579	0.418	ppbv	96
37) 1,2-Dichloroethane	3.227	62	5063	0.517	ppbv	97
38) Trichloroethene	4.561	130	2322	0.348	ppbv	90
39) 1,2-Dichloropropane	4.324	63	1955	0.344	ppbv #	72
40) 1,4-Dioxane	4.612	88	492	0.177	ppbv #	1
41) Tetrahydrofuran	3.075	42	2331	0.340	ppbv	96
42) Bromodichloromethane	4.496	83	3983	0.354	ppbv #	81
43) Methyl Methacrylate	4.894	69	1566	0.261	ppbv #	85
44) 2,2,4-Trimethylpentane	4.648	57	5660	0.211	ppbv #	38
45) t-1,3-Dichloropropene	6.438	75	425	0.069	ppbv	96

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Quant Time: Dec 21 03:01:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

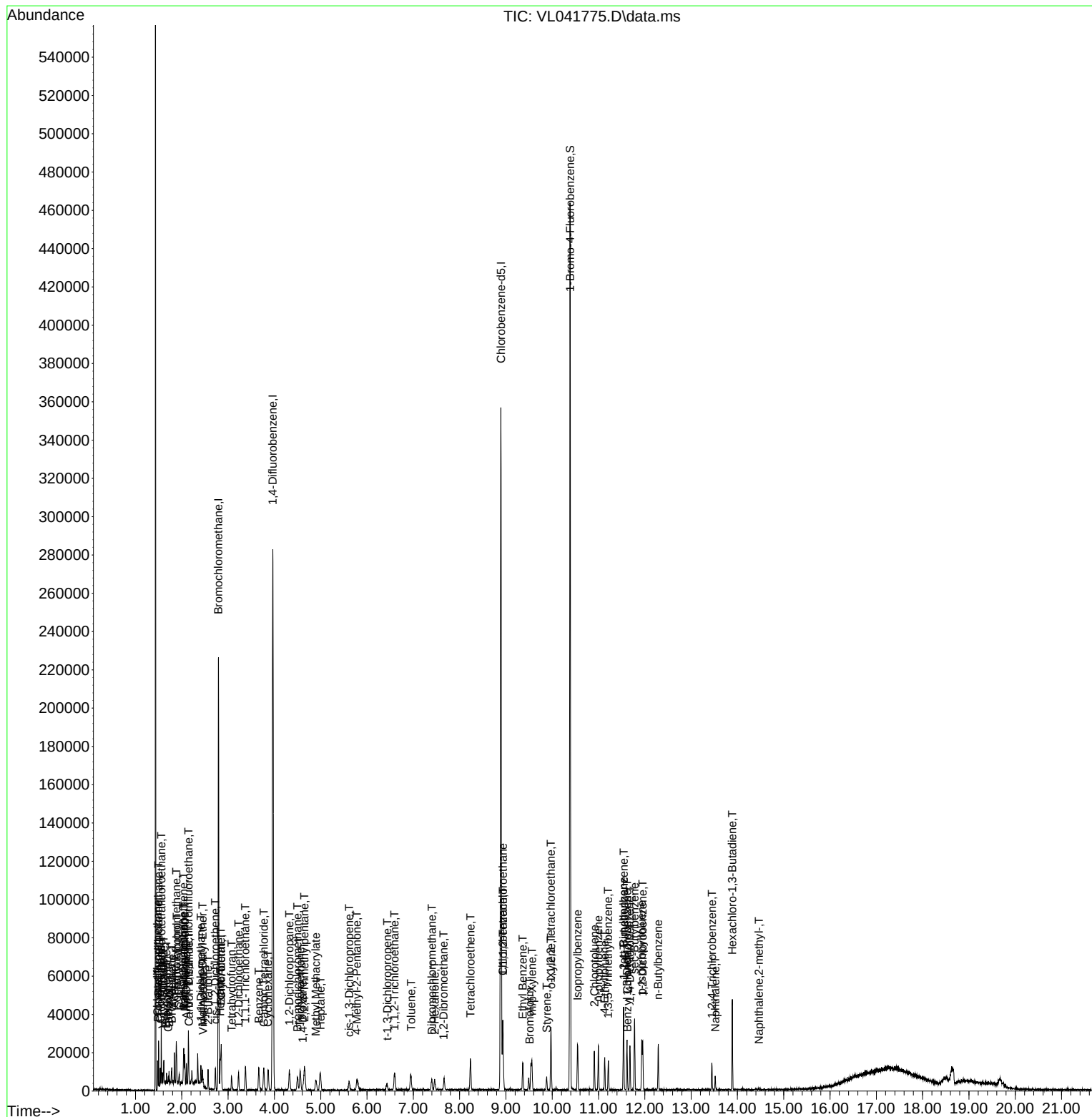
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.612	75	1772	0.225	ppbv #	84
47) 1,1,2-Trichloroethane	6.593	97	2727	0.459	ppbv #	70
48) Dibromochloromethane	7.399	129	1853	0.228	ppbv	69
49) Bromoform	9.513	173	35	0.005	ppbv #	28
50) 4-Methyl-2-Pentanone	5.781	43	2651	0.159	ppbv #	51
51) 2-Hexanone	7.461	43	3612	0.268	ppbv #	97
52) Tetrachloroethene	8.237	164	2278	0.389	ppbv #	74
53) Toluene	6.952	91	1940	0.109	ppbv #	21
54) 1,2-Dibromoethane	7.652	107	904	0.110	ppbv	90
56) 1,1,1,2-Tetrachloroethane	8.933	131	2907	0.421	ppbv #	1
57) Chlorobenzene	8.933	112	6292	0.472	ppbv	90
58) Ethyl Benzene	9.360	91	7132	0.304	ppbv #	88
59) m/p-Xylene	9.561	91	6403	0.339	ppbv #	100
60) o-Xylene	9.975	91	6035	0.319	ppbv	96
61) Styrene	9.882	104	2124	0.260	ppbv #	86
62) Isopropylbenzene	10.548	105	9966	0.350	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.972	83	5108	0.431	ppbv	96
64) n-propylbenzene	10.998	120	2145	0.298	ppbv	87
65) tert-Butylbenzene	11.539	119	8123	0.317	ppbv	99
66) Benzyl Chloride	11.626	91	718	0.318	ppbv #	86
67) sec-Butylbenzene	11.778	105	11072	0.312	ppbv #	90
69) p-Isopropyltoluene	11.934	119	8109	0.277	ppbv	95
70) n-Butylbenzene	12.290	91	7927	0.280	ppbv	96
71) 2-Chlorotoluene	10.911	91	6998	0.322	ppbv	97
72) 4-Ethyltoluene	11.131	105	6663	0.298	ppbv	98
73) 1,3,5-Trimethylbenzene	11.209	105	5566	0.300	ppbv #	81
74) 1,2,4-Trimethylbenzene	11.545	105	5877	0.295	ppbv #	89
75) 1,3-Dichlorobenzene	11.616	146	5526	0.435	ppbv	99
76) 1,4-Dichlorobenzene	11.681	146	4955	0.395	ppbv	96
77) 1,2-Dichlorobenzene	11.953	146	5316	0.435	ppbv	96
78) Hexachloro-1,3-Butadiene	13.889	225	4270	0.471	ppbv	96
79) Naphthalene	13.520	128	2985	0.215	ppbv #	88
80) Naphthalene,2-methyl-	14.465	142	297	0.069	ppbv	87
81) 1,2,4-Trichlorobenzene	13.448	180	2041	0.269	ppbv	91

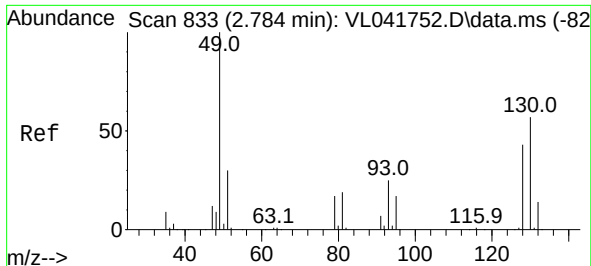
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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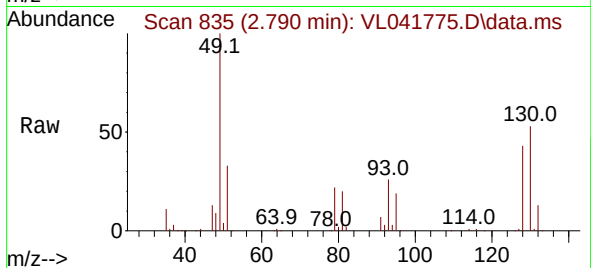
Quant Time: Dec 21 03:01:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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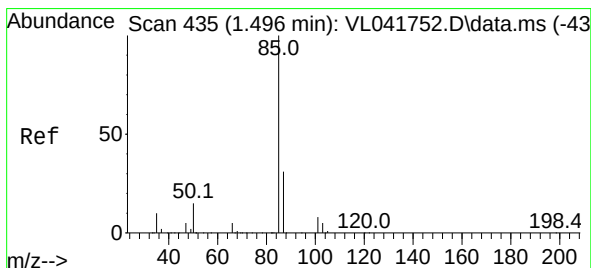
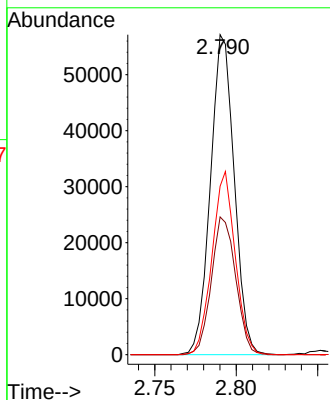
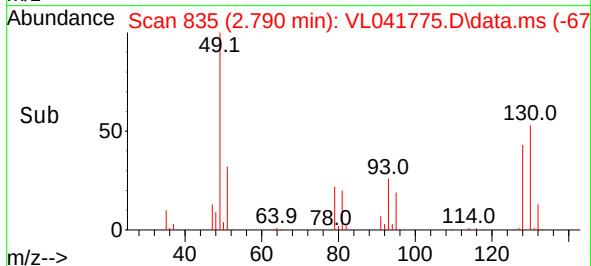


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 834
Delta R.T. 0.006 min
Lab File: VL041775.D
Acq: 17 Dec 2024 13:10

Instrument :
MSVOA_L
ClientSampleId :

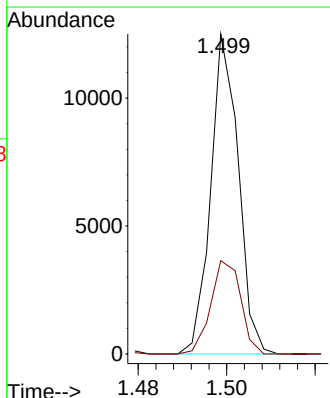
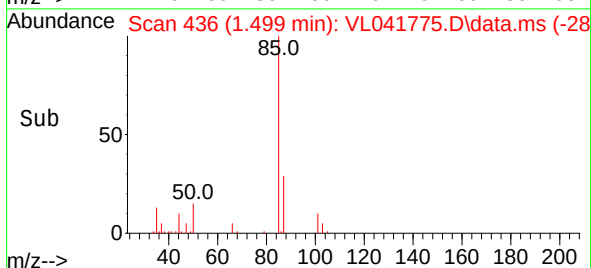
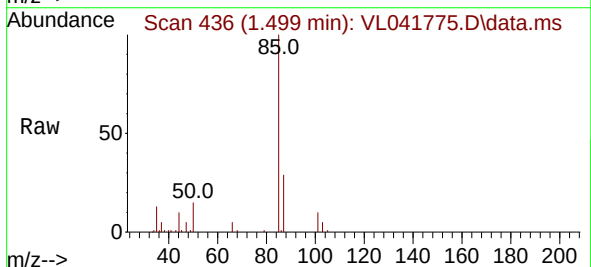


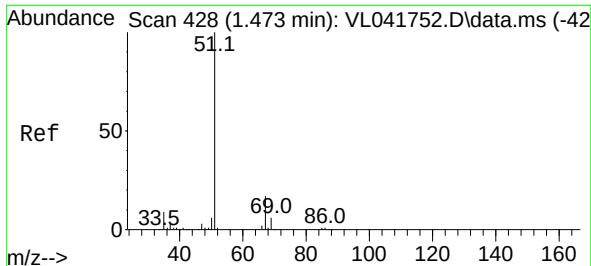
Tgt Ion: 49 Resp: 57944
Ion Ratio Lower Upper
49 100
128 44.0 21.6 64.6
130 55.9 28.3 85.0



#2
Dichlorodifluoromethane
Concen: 0.525 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041775.D
Acq: 17 Dec 2024 13:10

Tgt Ion: 85 Resp: 5413
Ion Ratio Lower Upper
85 100
87 29.2 24.5 36.7

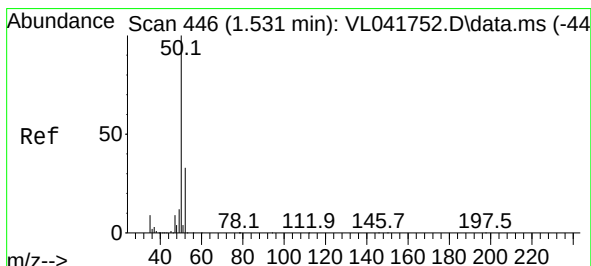
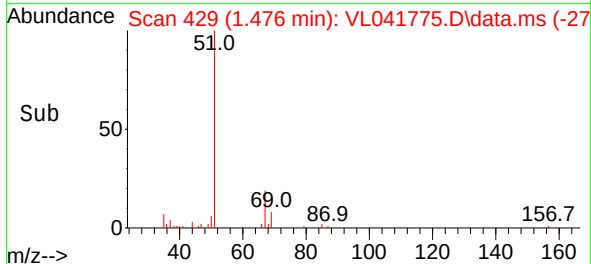
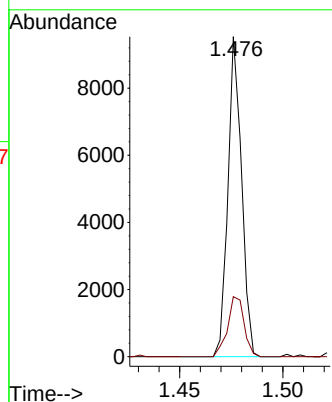
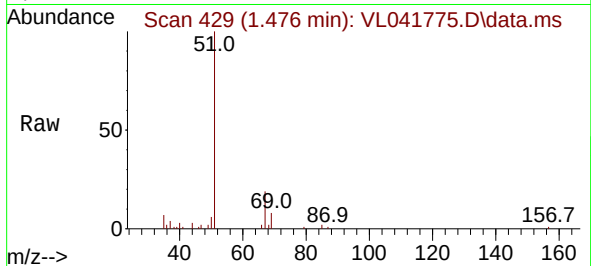




#3
Chlorodifluoromethane
Concen: 0.463 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041775.D
Acq: 17 Dec 2024 13:10

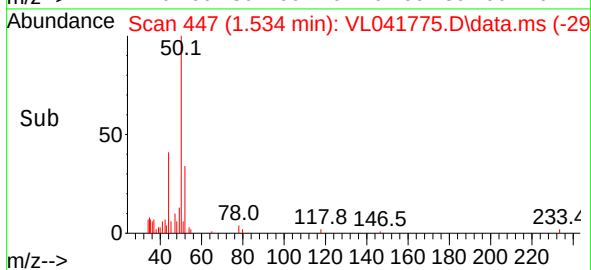
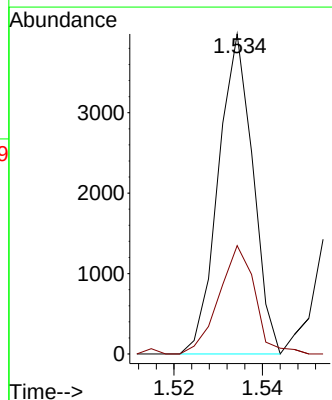
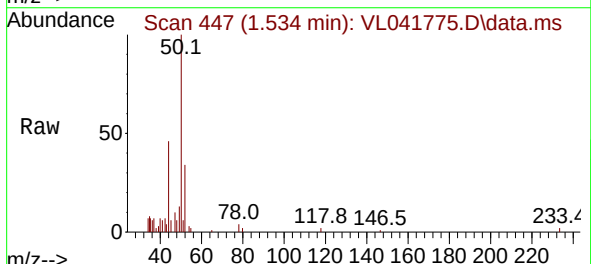
Instrument :
MSVOA_L
ClientSampleId :

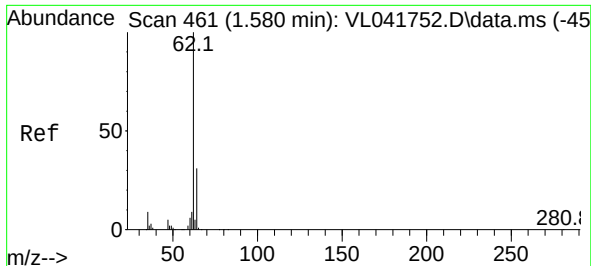
Tgt Ion: 51 Resp: 4377
Ion Ratio Lower Upper
51 100
67 22.7 15.0 22.4#



#4
Chloromethane
Concen: 0.533 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041775.D
Acq: 17 Dec 2024 13:10

Tgt Ion: 50 Resp: 2152
Ion Ratio Lower Upper
50 100
52 33.9 26.2 39.2

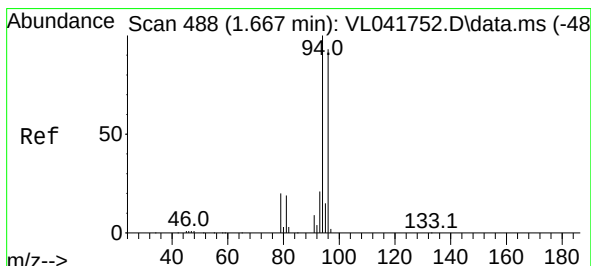
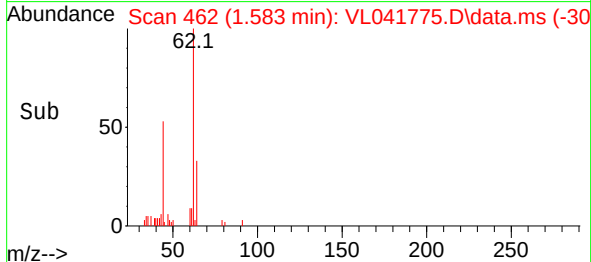
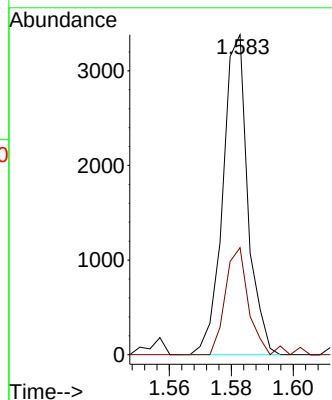
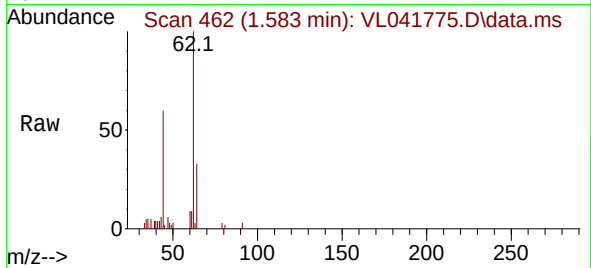




#5
 Vinyl Chloride
 Concen: 0.466 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.003 min
 Lab File: VL041775.D
 Acq: 17 Dec 2024 13:10

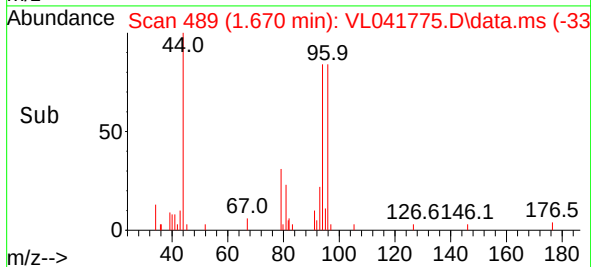
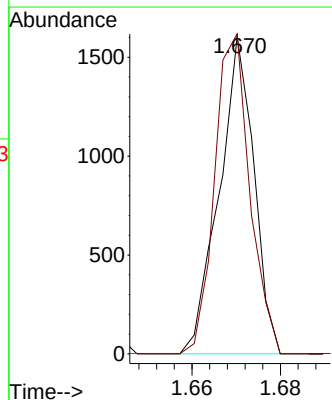
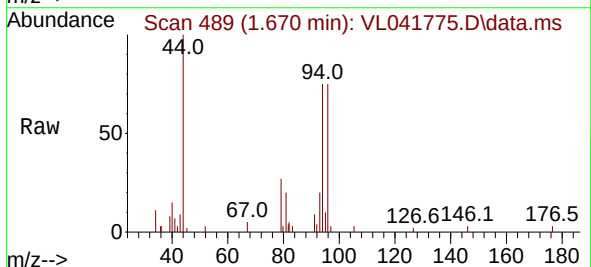
Instrument :
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 ClientSampleId :

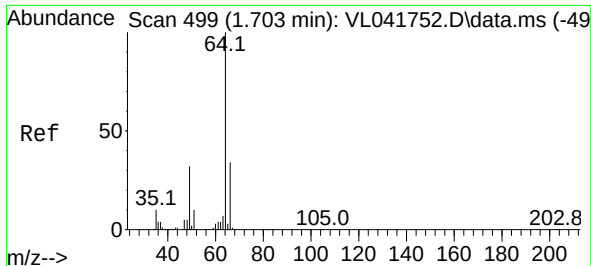
Tgt Ion: 62 Resp: 1895
 Ion Ratio Lower Upper
 62 100
 64 33.4 25.1 37.7



#6
 Bromomethane
 Concen: 0.457 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL041775.D
 Acq: 17 Dec 2024 13:10

Tgt Ion: 94 Resp: 877
 Ion Ratio Lower Upper
 94 100
 96 100.7 74.7 112.1

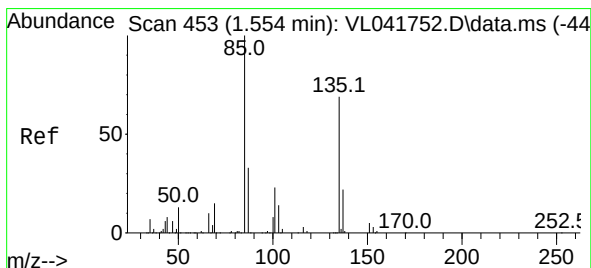
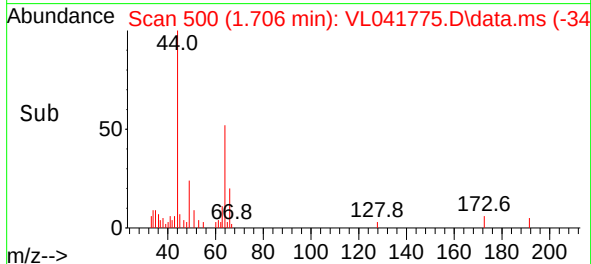
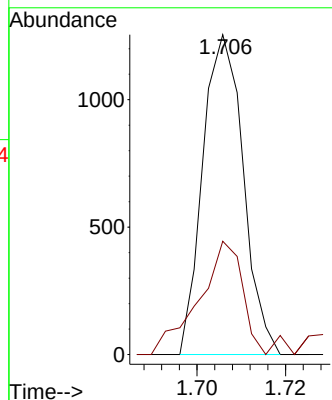
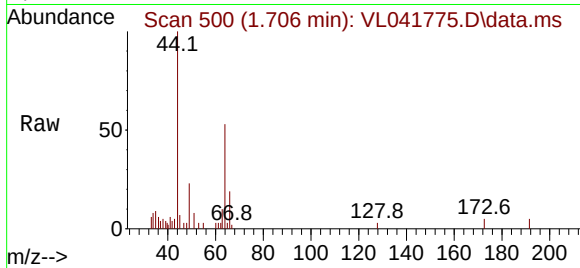




#7
Chloroethane
Concen: 0.505 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL041775.D
Acq: 17 Dec 2024 13:10

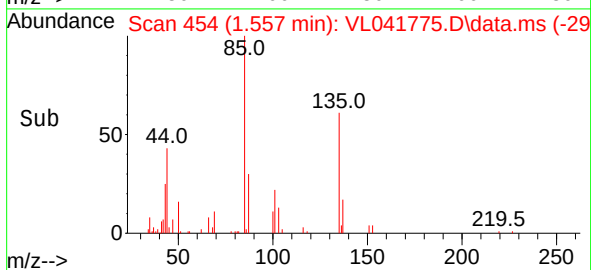
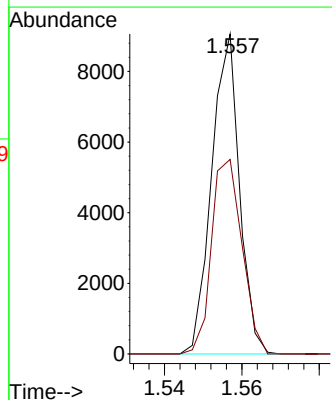
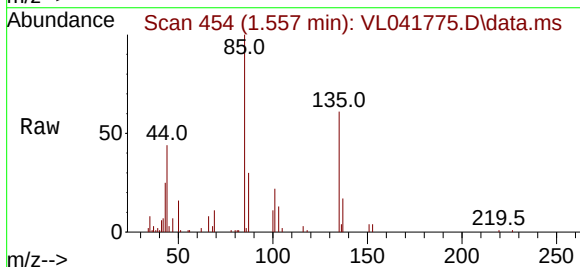
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MSVOA_L
ClientSampleId :

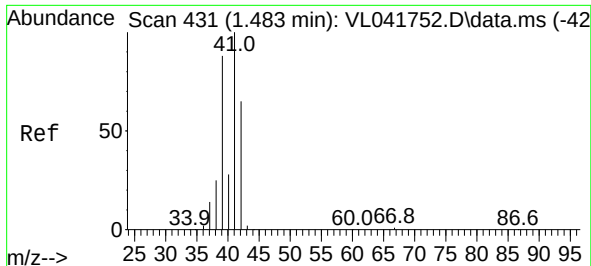
Tgt Ion: 64 Resp: 797
Ion Ratio Lower Upper
64 100
66 39.5 27.5 41.3



#8
Dichlorotetrafluoroethane
Concen: 0.490 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL041775.D
Acq: 17 Dec 2024 13:10

Tgt Ion: 85 Resp: 4519
Ion Ratio Lower Upper
85 100
135 66.8 51.9 77.9





#9

Propene

Concen: 0.409 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

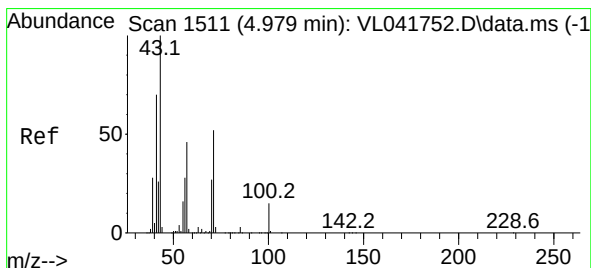
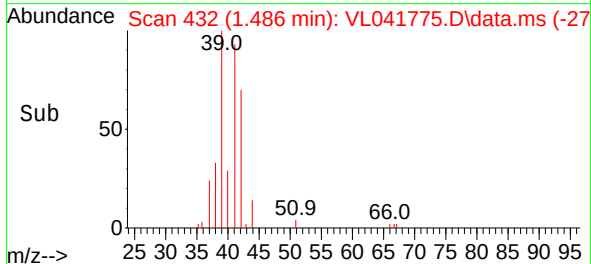
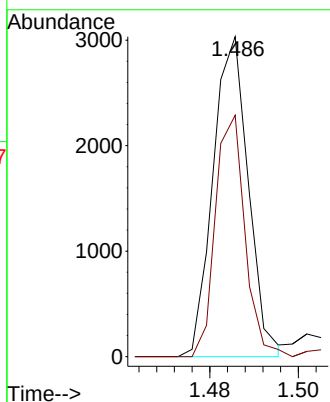
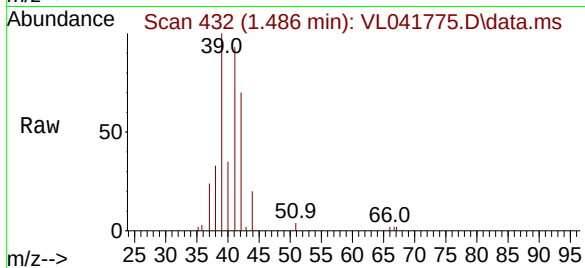
ClientSampleId :

Tgt Ion: 41 Resp: 1675

Ion Ratio Lower Upper

41 100

42 69.9 52.4 78.6



#10

Heptane

Concen: 0.306 ppbv

RT: 4.994 min Scan# 1516

Delta R.T. 0.016 min

Lab File: VL041775.D

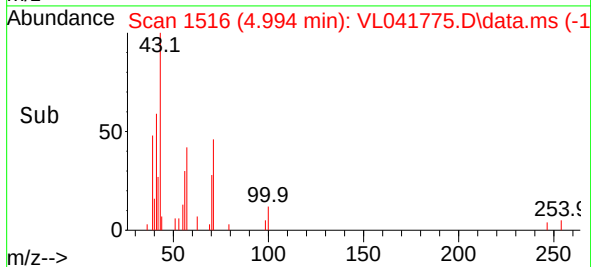
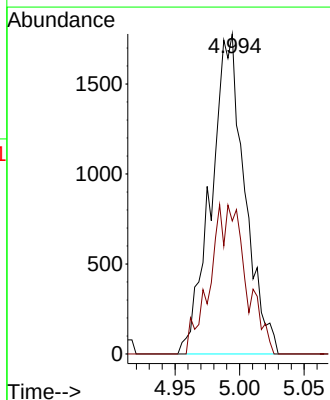
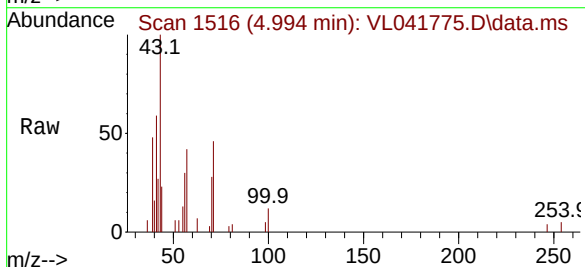
Acq: 17 Dec 2024 13:10

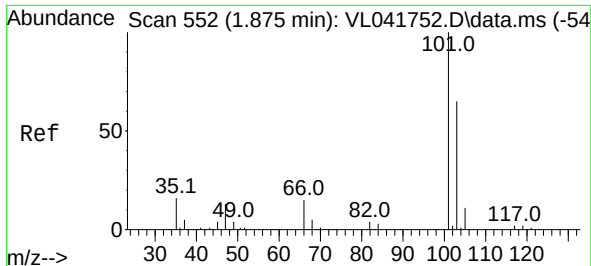
Tgt Ion: 43 Resp: 3222

Ion Ratio Lower Upper

43 100

57 50.1 38.5 57.7





#11

Trichlorofluoromethane

Concen: 0.507 ppbv

RT: 1.881 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

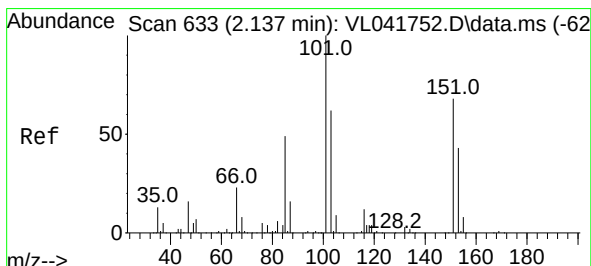
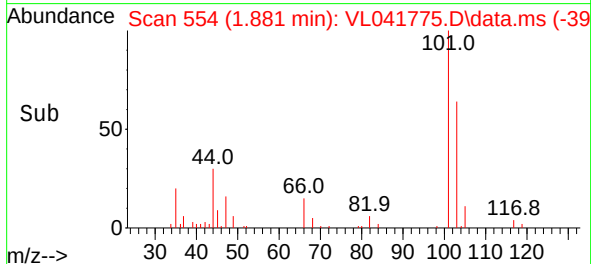
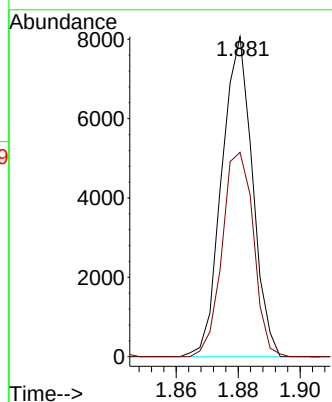
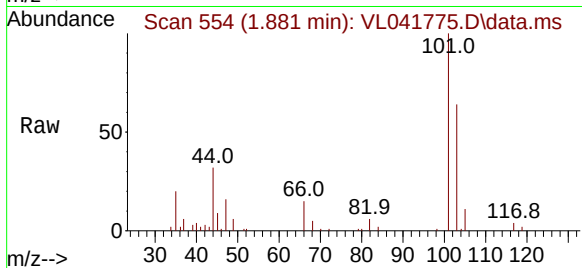
ClientSampleId :

Tgt Ion:101 Resp: 5556

Ion Ratio Lower Upper

101 100

103 63.9 51.8 77.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.522 ppbv

RT: 2.143 min Scan# 635

Delta R.T. 0.006 min

Lab File: VL041775.D

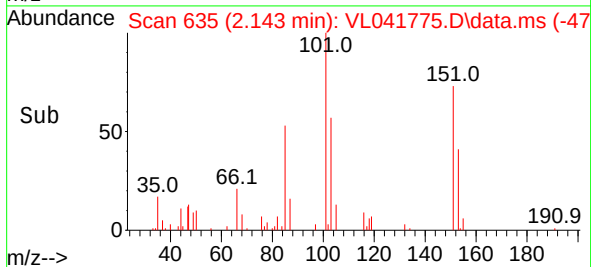
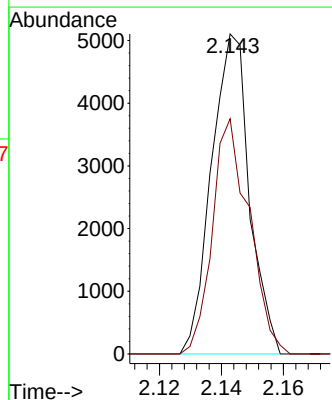
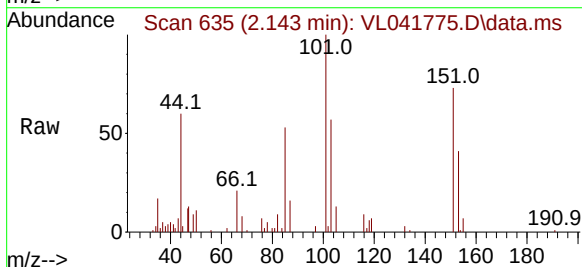
Acq: 17 Dec 2024 13:10

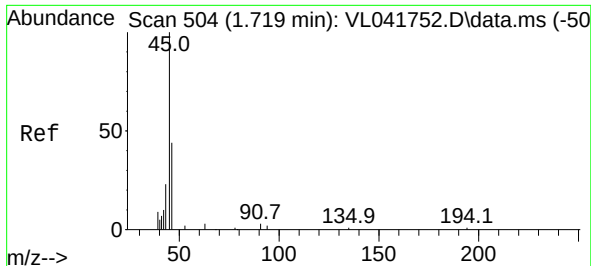
Tgt Ion:101 Resp: 4346

Ion Ratio Lower Upper

101 100

151 71.1 56.8 85.2





#13

Ethanol

Concen: 6.136 ppbv

RT: 1.725 min Scan# 504

Delta R.T. 0.006 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

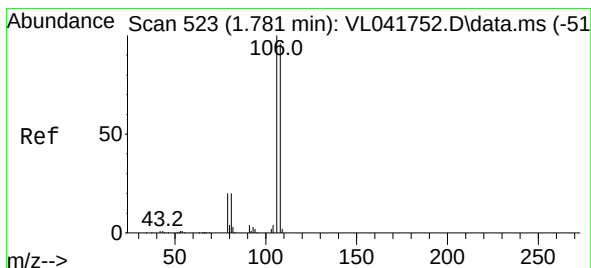
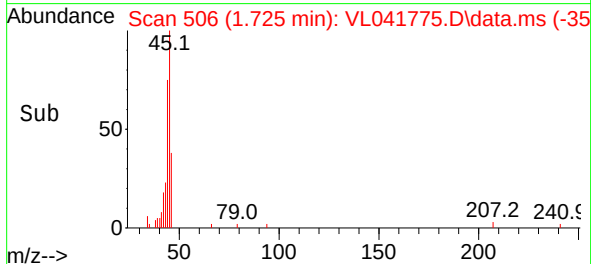
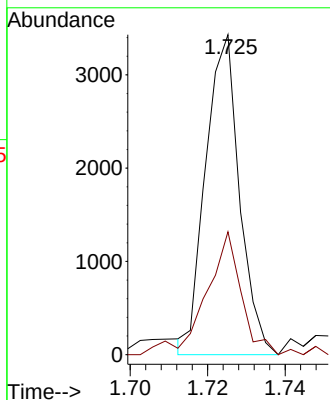
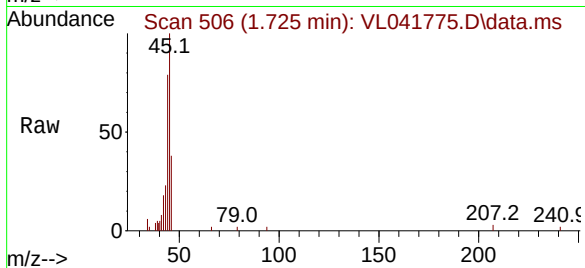
ClientSampleId :

Tgt Ion: 45 Resp: 2081

Ion Ratio Lower Upper

45 100

46 44.7 16.4 65.8



#14

Bromoethene

Concen: 0.465 ppbv

RT: 1.784 min Scan# 524

Delta R.T. 0.003 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

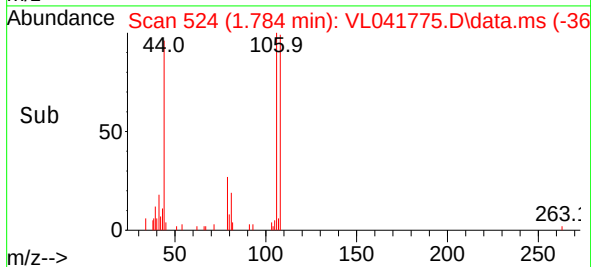
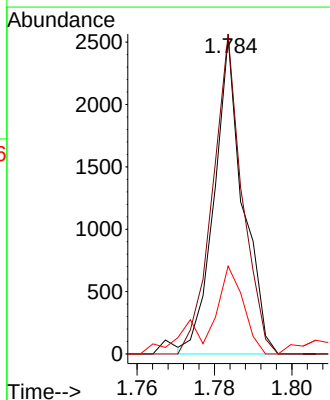
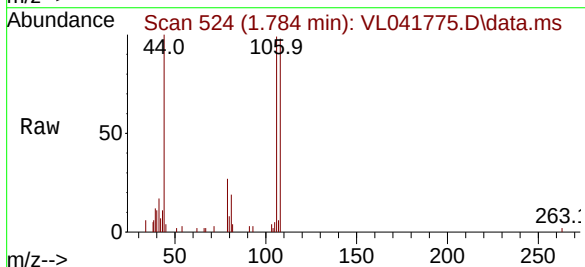
Tgt Ion: 108 Resp: 1309

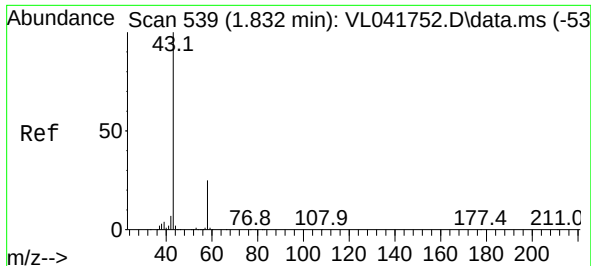
Ion Ratio Lower Upper

108 100

106 104.2 84.1 126.1

79 52.6 17.4 26.0#





#15

Acetone

Concen: 0.648 ppbv

RT: 1.839 min Scan# 541

Delta R.T. 0.006 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

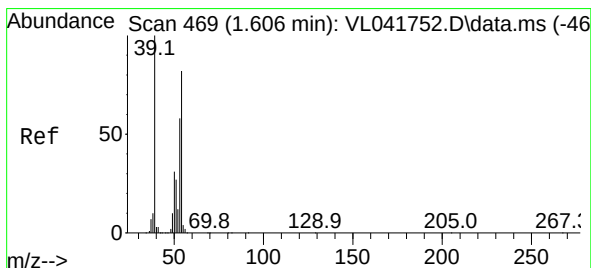
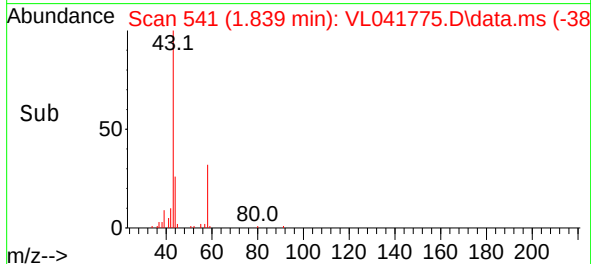
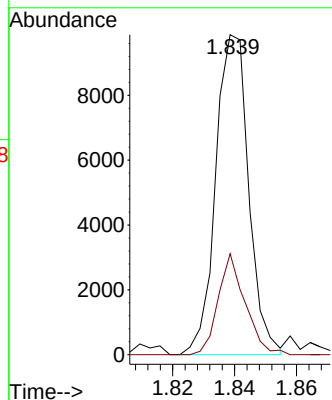
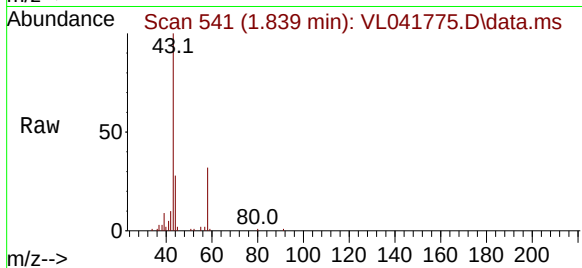
ClientSampleId :

Tgt Ion: 43 Resp: 7303

Ion Ratio Lower Upper

43 100

58 25.8 19.7 29.5



#16

1,3-Butadiene

Concen: 0.554 ppbv

RT: 1.609 min Scan# 470

Delta R.T. 0.003 min

Lab File: VL041775.D

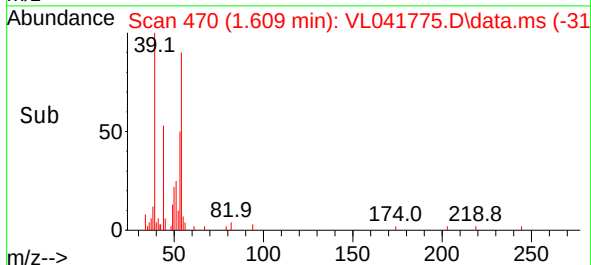
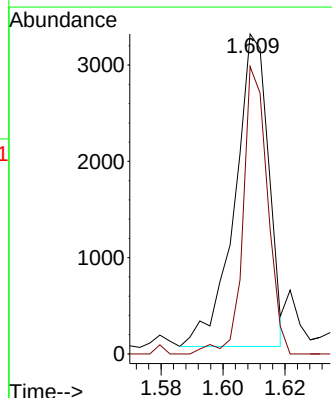
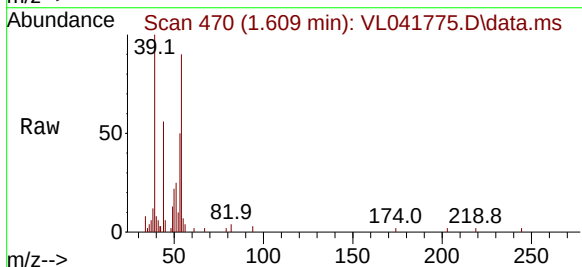
Acq: 17 Dec 2024 13:10

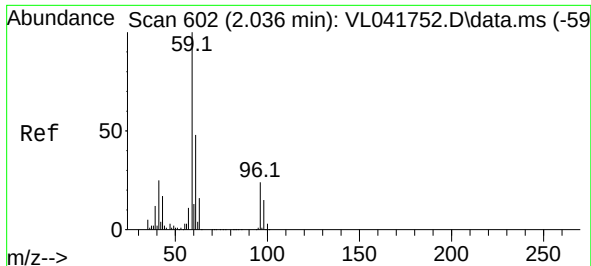
Tgt Ion: 39 Resp: 2460

Ion Ratio Lower Upper

39 100

54 66.3 58.4 87.6





#17

tert-Butyl alcohol

Concen: 0.469 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.009 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

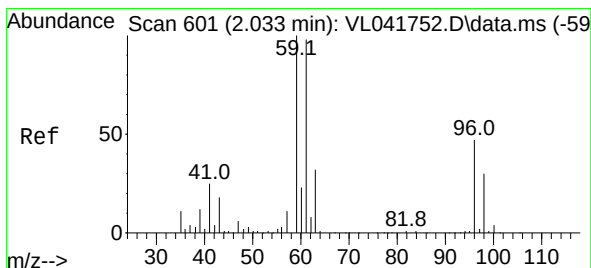
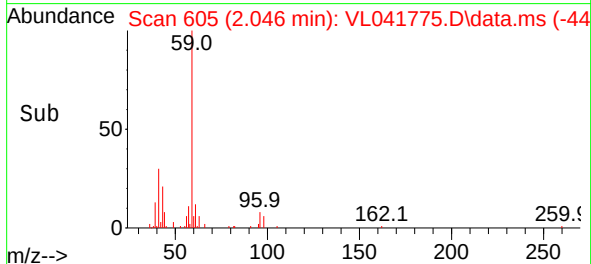
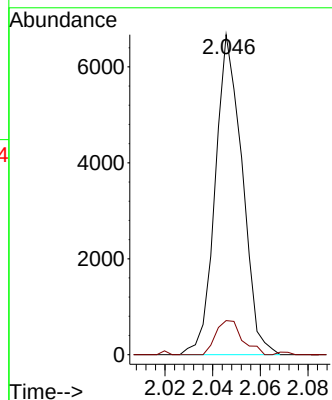
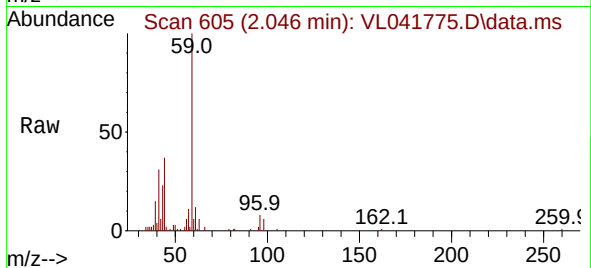
ClientSampleId :

Tgt Ion: 59 Resp: 5240

Ion Ratio Lower Upper

59 100

57 10.9 8.6 13.0



#18

1,1-Dichloroethene

Concen: 0.493 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

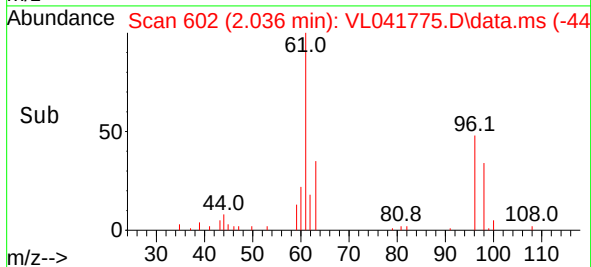
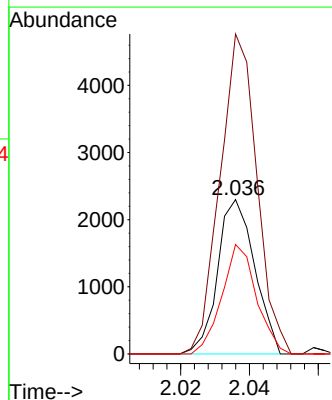
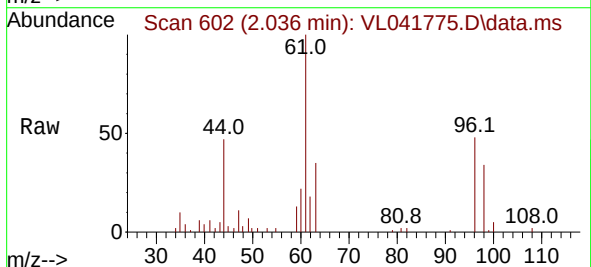
Tgt Ion: 96 Resp: 1720

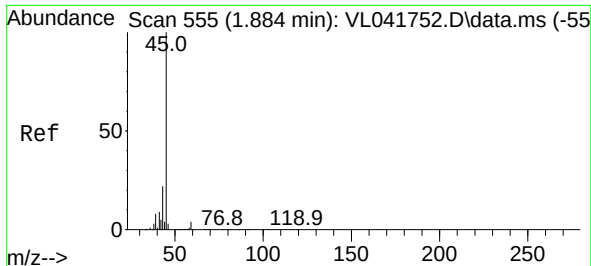
Ion Ratio Lower Upper

96 100

61 207.3 167.7 251.5

98 70.9 51.1 76.7





#19

Isopropyl Alcohol

Concen: 0.745 ppbv

RT: 1.890 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

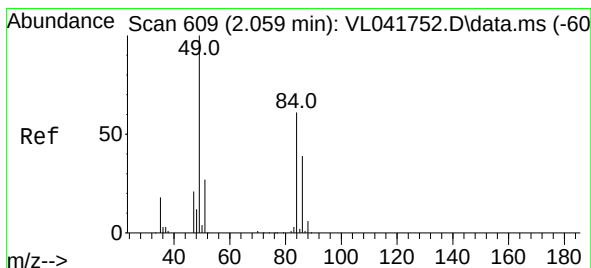
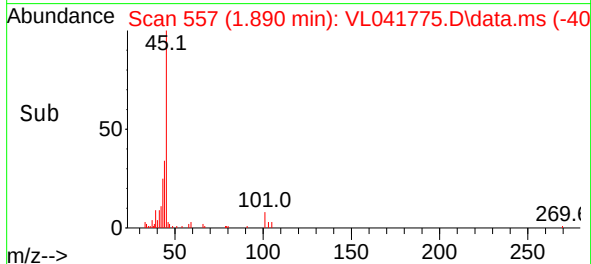
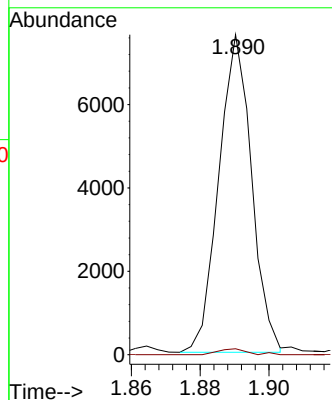
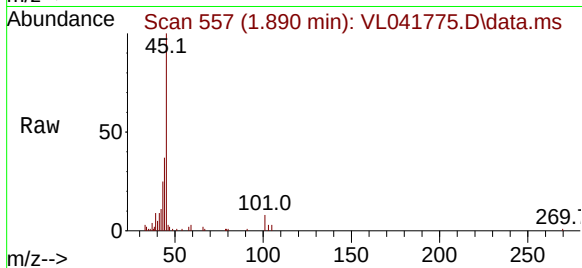
ClientSampleId :

Tgt Ion: 45 Resp: 5040

Ion Ratio Lower Upper

45 100

58 0.0 33.3 49.9#



#20

Methylene Chloride

Concen: 0.649 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Tgt Ion: 84 Resp: 2088

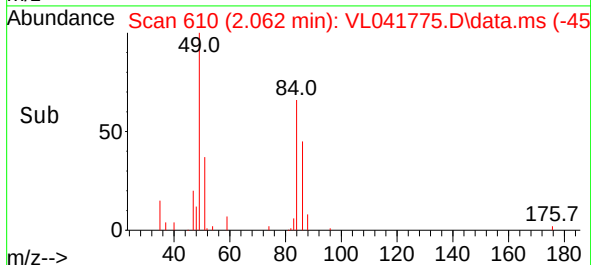
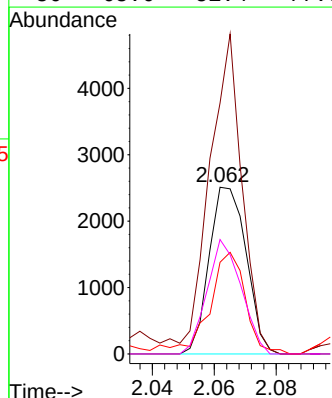
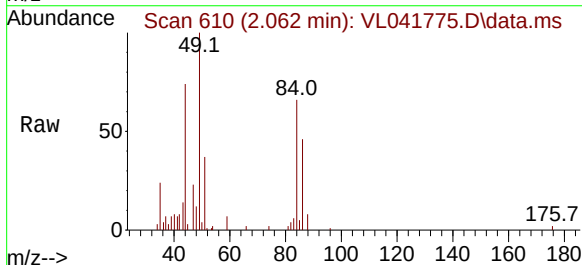
Ion Ratio Lower Upper

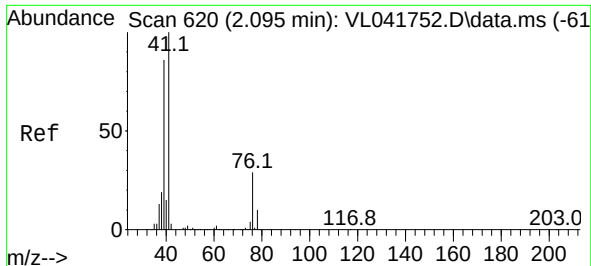
84 100

49 150.4 132.6 198.8

51 54.5 37.6 56.4

86 68.6 51.4 77.0





#21

Allyl Chloride

Concen: 0.486 ppbv

RT: 2.097 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

ClientSampleId :

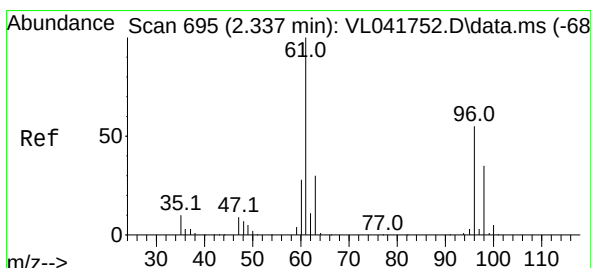
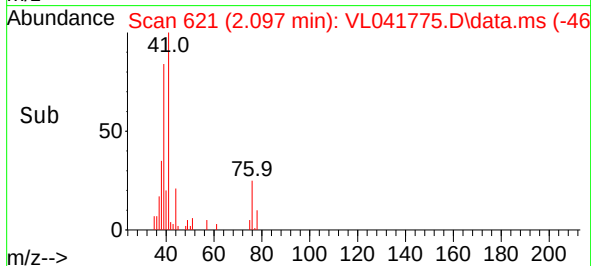
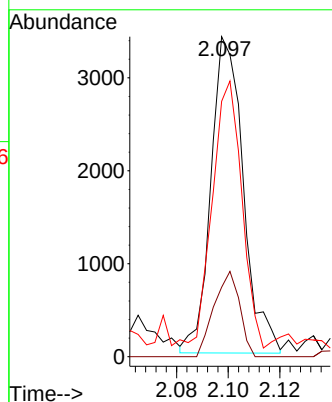
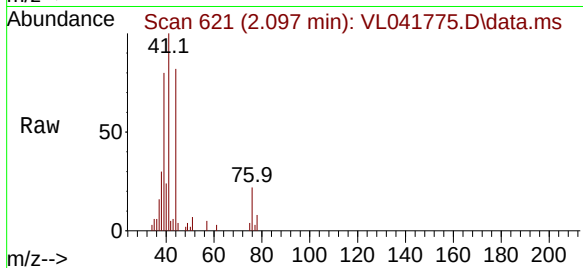
Tgt Ion: 41 Resp: 2969

Ion Ratio Lower Upper

41 100

76 21.2 22.3 33.5#

39 72.5 69.2 103.8



#22

trans-1,2-Dichloroethene

Concen: 0.430 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.301 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

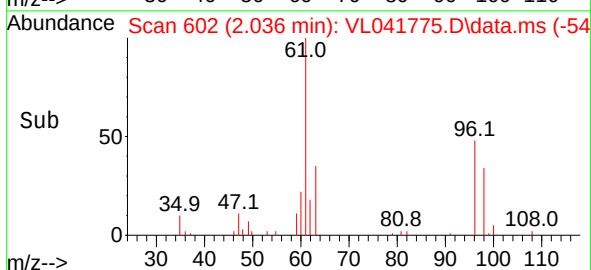
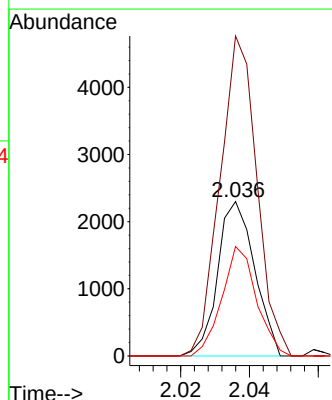
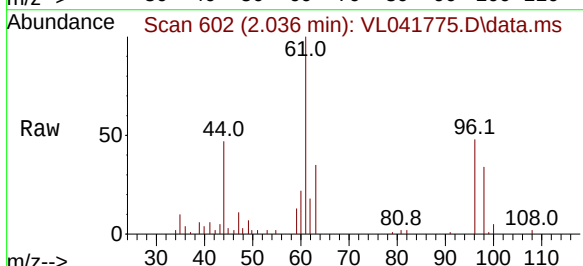
Tgt Ion: 96 Resp: 1720

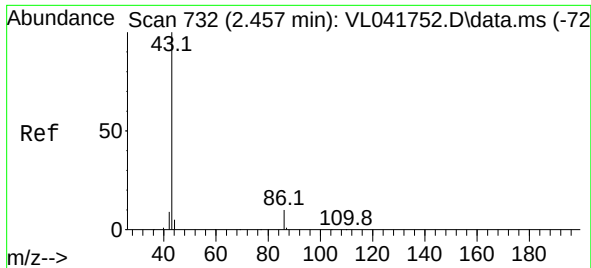
Ion Ratio Lower Upper

96 100

61 207.3 146.3 219.5

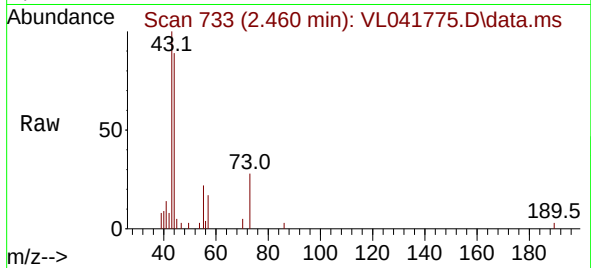
98 70.9 50.8 76.2



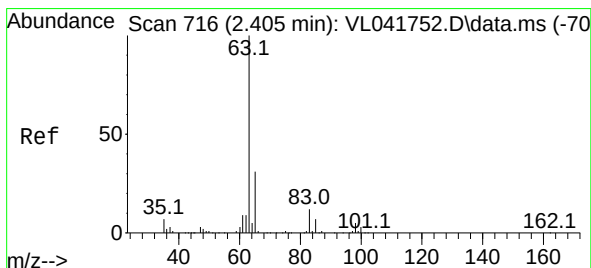
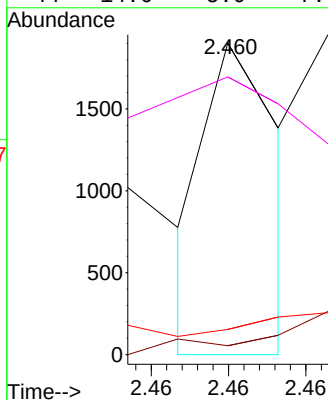
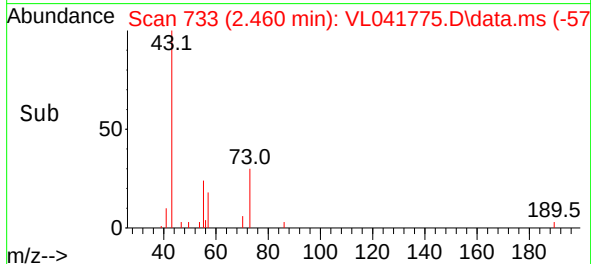


#23
 Vinyl Acetate
 Concen: 0.122 ppbv
 RT: 2.460 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL041775.D
 Acq: 17 Dec 2024 13:10

Instrument :
 MSVOA_1
 ClientSampleId :

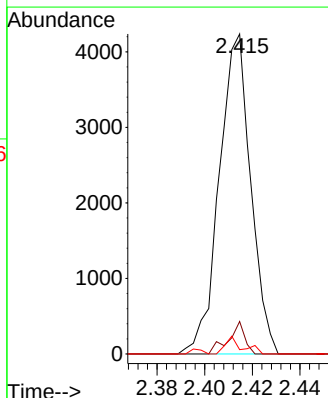
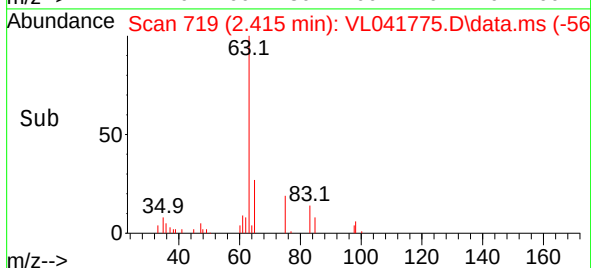
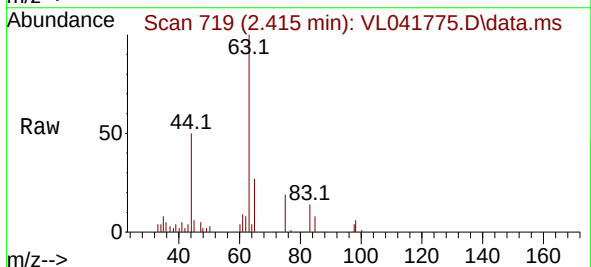


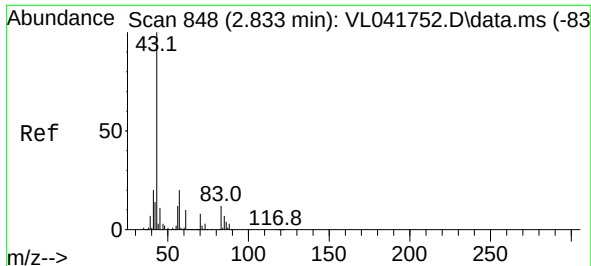
Tgt	Ion: 43	Resp:	639
Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.6	10.0#
42	3.8	8.2	12.2#
44	14.6	5.0	7.4#



#24
 1,1-Dichloroethane
 Concen: 0.480 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.009 min
 Lab File: VL041775.D
 Acq: 17 Dec 2024 13:10

Tgt Ion: 63	Resp: 3883
Ion Ratio	Lower Upper
63 100	
98 10.1	2.3 6.8#
100 1.4	1.4 4.2#





#25

Ethyl Acetate

Concen: 0.399 ppbv

RT: 2.845 min Scan# 845

Delta R.T. 0.013 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 8372

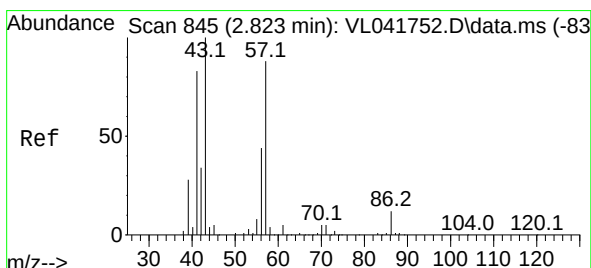
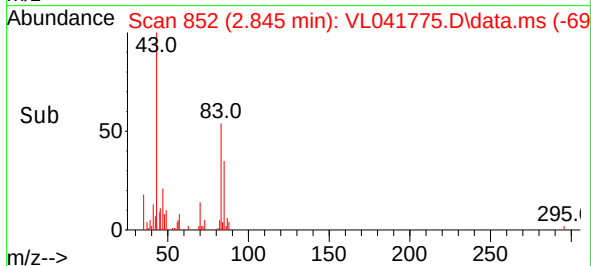
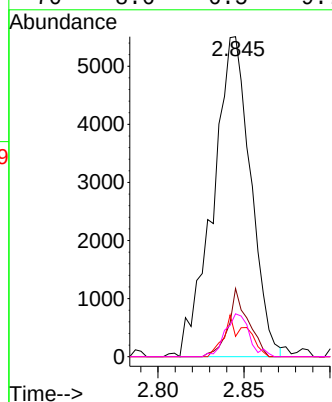
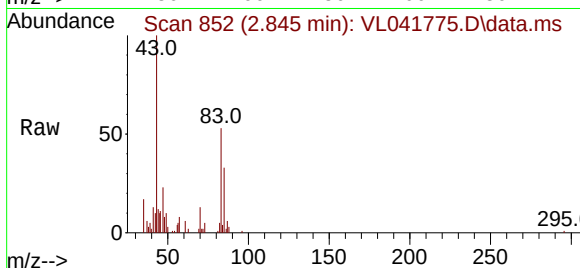
Ion Ratio Lower Upper

43 100

45 11.2 8.1 12.1

61 7.9 7.0 10.6

70 8.6 6.5 9.7



#26

Hexane

Concen: 0.351 ppbv

RT: 2.829 min Scan# 847

Delta R.T. 0.006 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Tgt Ion: 57 Resp: 2791

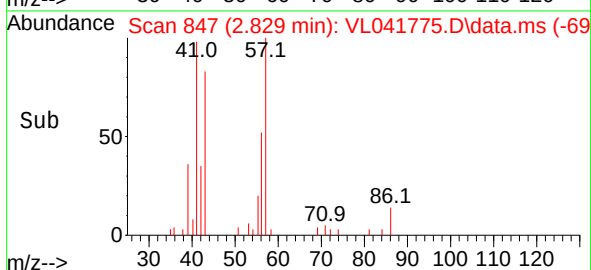
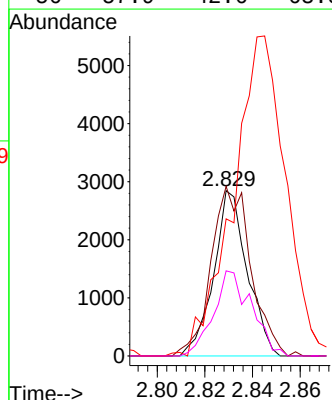
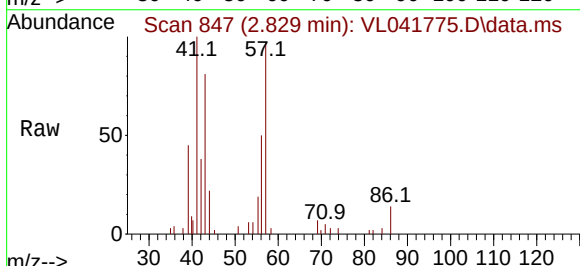
Ion Ratio Lower Upper

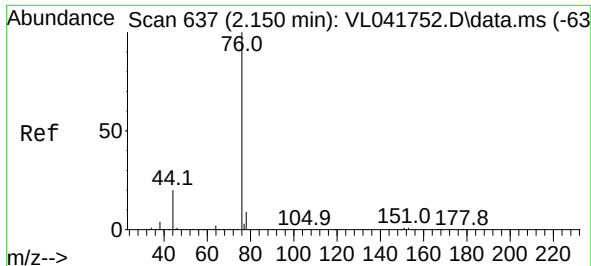
57 100

41 121.3 79.6 119.4#

43 304.6 211.0 316.6

56 57.9 42.6 63.8





#27

Carbon Disulfide

Concen: 0.272 ppbv

RT: 2.156 min Scan# 61

Delta R.T. 0.006 min

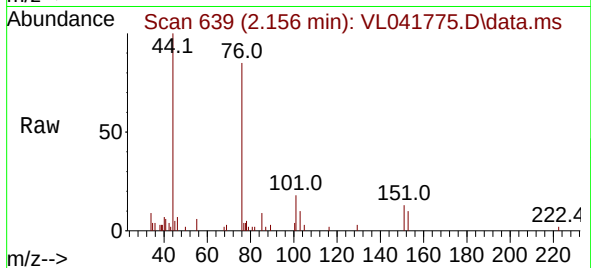
Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

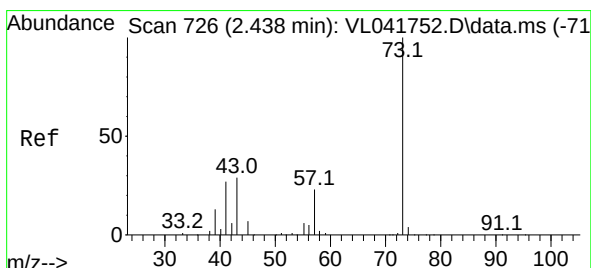
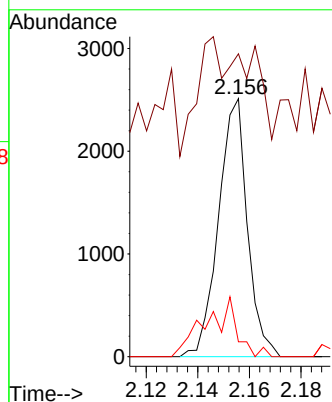
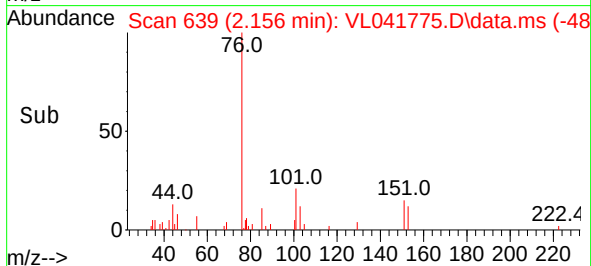
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 76	Resp: 1951
Ion Ratio	Lower Upper
76	100
44	329.3 17.6 26.4#
78	25.3 10.2 15.4#



#28

Methyl tert-Butyl Ether

Concen: 0.440 ppbv

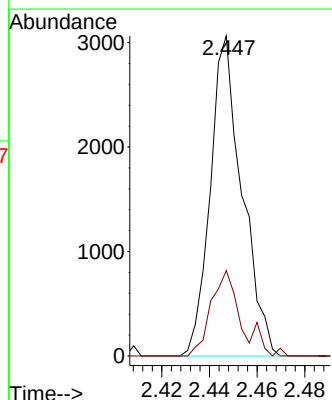
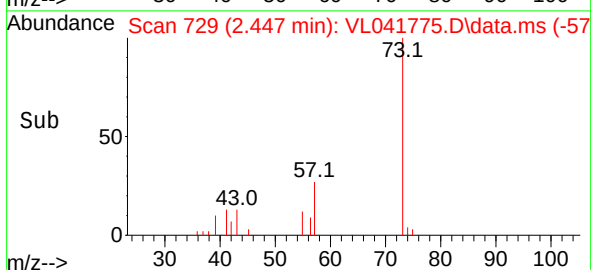
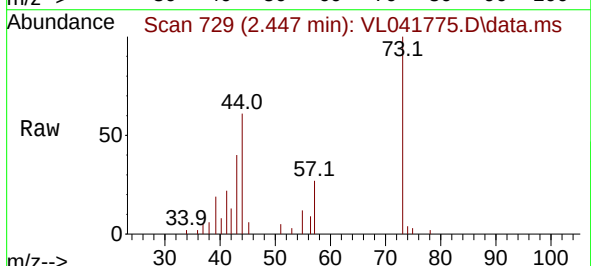
RT: 2.447 min Scan# 729

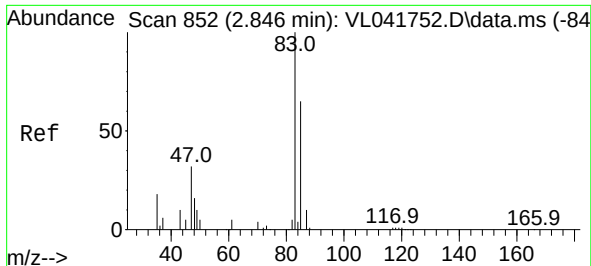
Delta R.T. 0.009 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Tgt Ion: 73	Resp: 2841
Ion Ratio	Lower Upper
73	100
57	25.1 17.6 26.4





#29

Chloroform

Concen: 0.501 ppbv

RT: 2.852 min Scan# 84

Delta R.T. 0.006 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

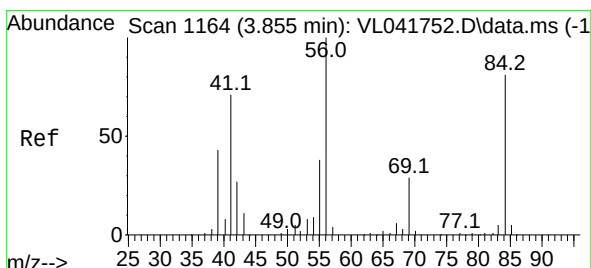
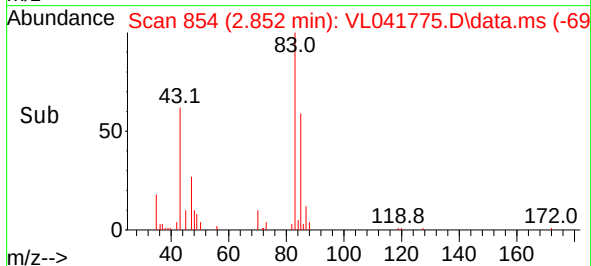
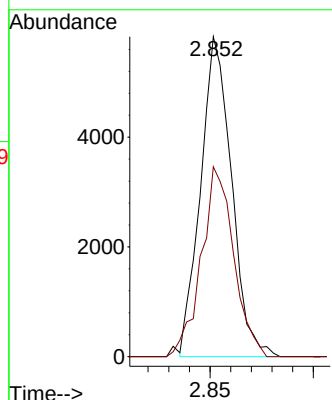
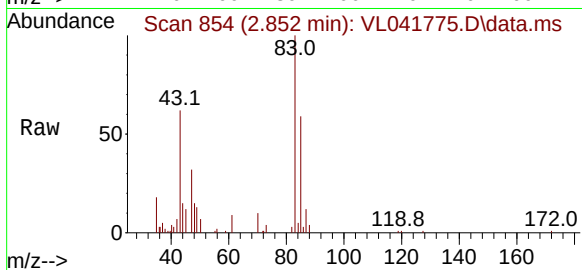
ClientSampleId :

Tgt Ion: 83 Resp: 6076

Ion Ratio Lower Upper

83 100

85 59.3 51.8 77.6



#30

Cyclohexane

Concen: 0.216 ppbv

RT: 3.861 min Scan# 1166

Delta R.T. 0.006 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

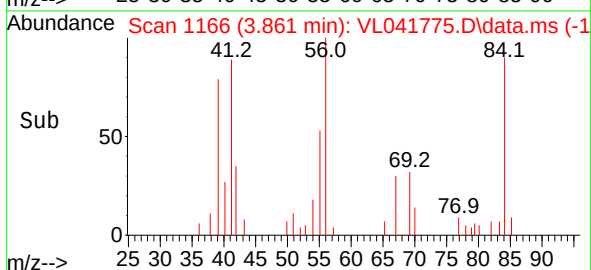
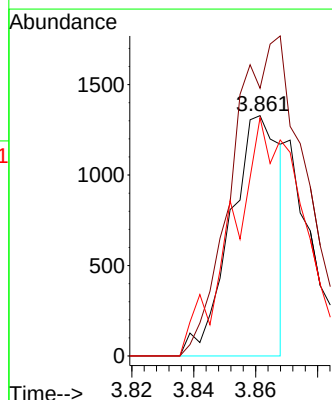
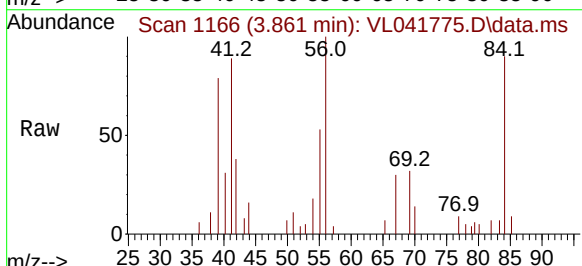
Tgt Ion: 84 Resp: 1463

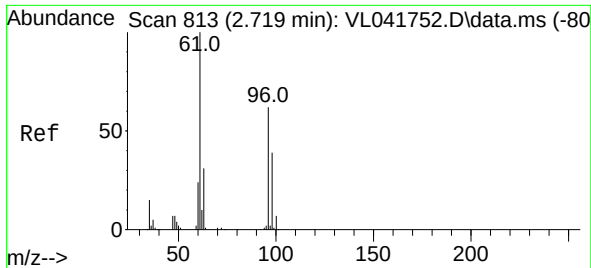
Ion Ratio Lower Upper

84 100

56 0.0 102.3 153.5#

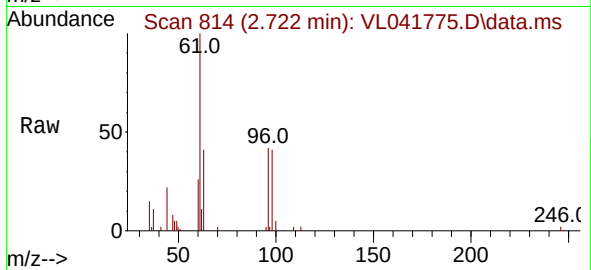
41 147.7 74.0 111.0#



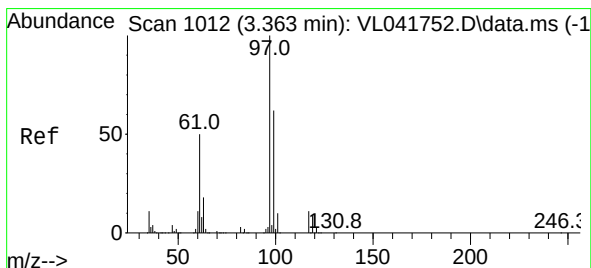
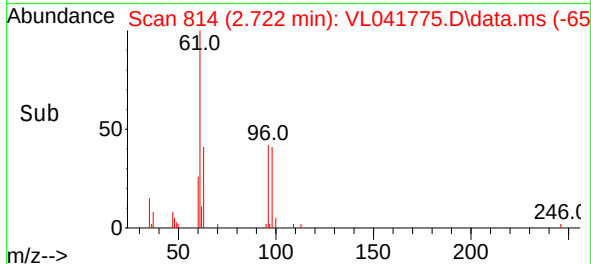
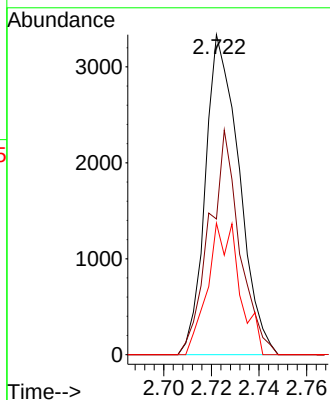


#31
cis-1,2-Dichloroethene
Concen: 0.398 ppbv
RT: 2.722 min Scan# 813
Delta R.T. 0.003 min
Lab File: VL041775.D
Acq: 17 Dec 2024 13:10

Instrument :
MSVOA_L
ClientSampleId :

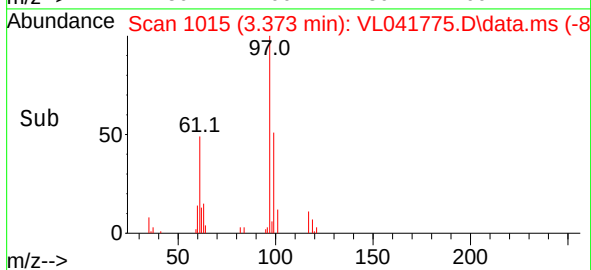
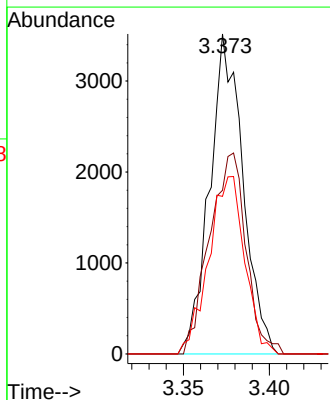
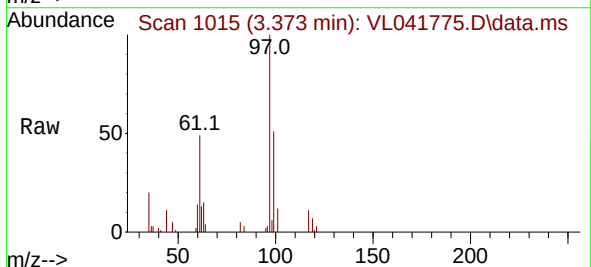


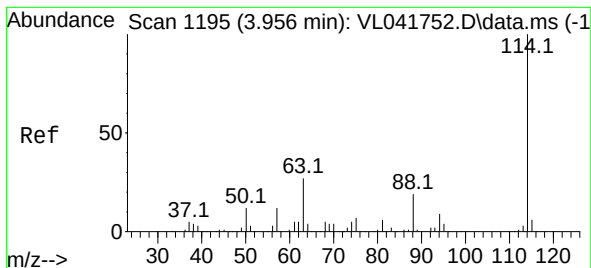
Tgt Ion: 61 Resp: 3276
Ion Ratio Lower Upper
61 100
96 38.3 49.7 74.5#
98 37.2 30.8 46.2



#32
1,1,1-Trichloroethane
Concen: 0.383 ppbv
RT: 3.373 min Scan# 1015
Delta R.T. 0.009 min
Lab File: VL041775.D
Acq: 17 Dec 2024 13:10

Tgt Ion: 97 Resp: 4720
Ion Ratio Lower Upper
97 100
99 69.0 51.0 76.4
61 60.1 42.2 63.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1195

Delta R.T. 0.009 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

ClientSampleId :

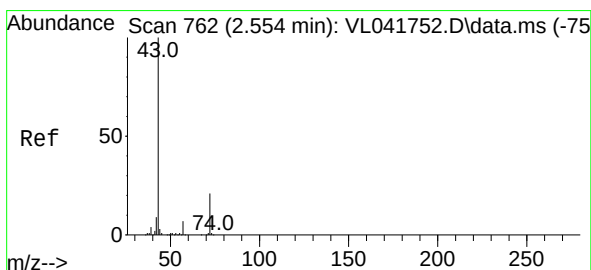
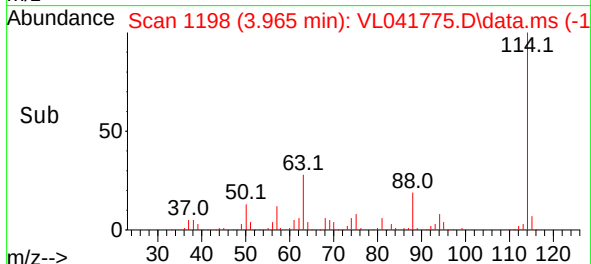
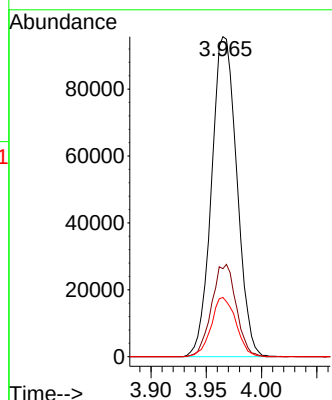
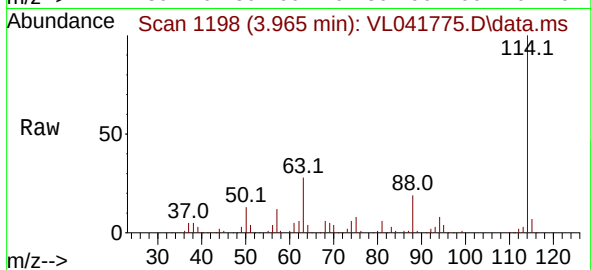
Tgt Ion:114 Resp: 152011

Ion Ratio Lower Upper

114 100

63 28.1 21.8 32.8

88 18.1 14.8 22.2



#34

2-Butanone

Concen: 0.443 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.013 min

Lab File: VL041775.D

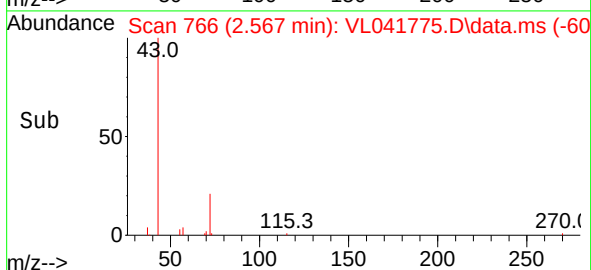
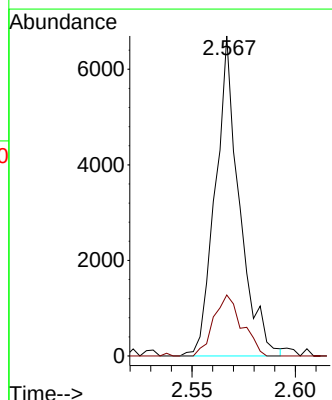
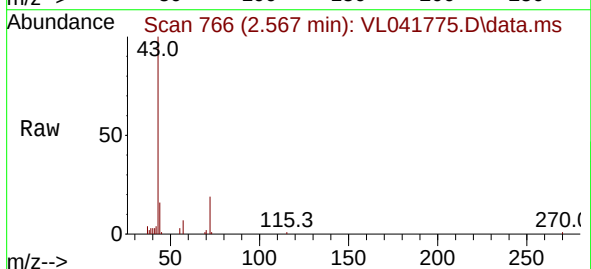
Acq: 17 Dec 2024 13:10

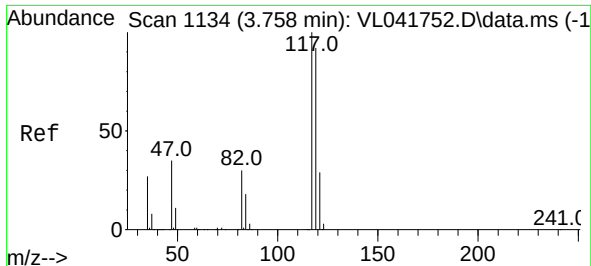
Tgt Ion: 43 Resp: 5420

Ion Ratio Lower Upper

43 100

72 22.4 16.8 25.2

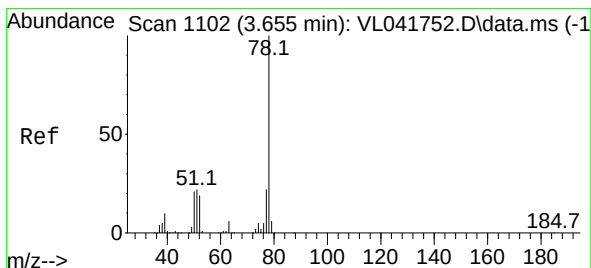
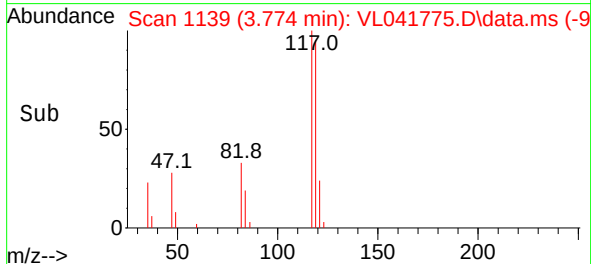
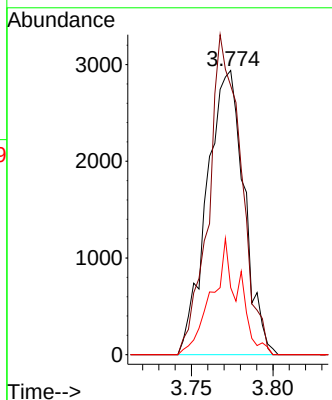
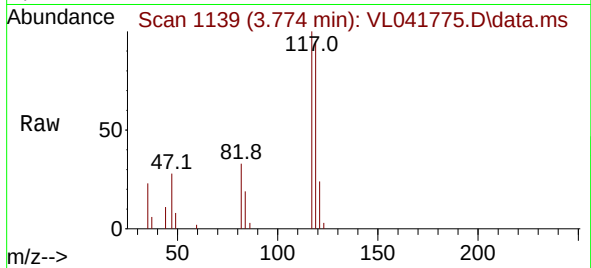




#35
Carbon Tetrachloride
Concen: 0.431 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. 0.016 min
Lab File: VL041775.D
Acq: 17 Dec 2024 13:10

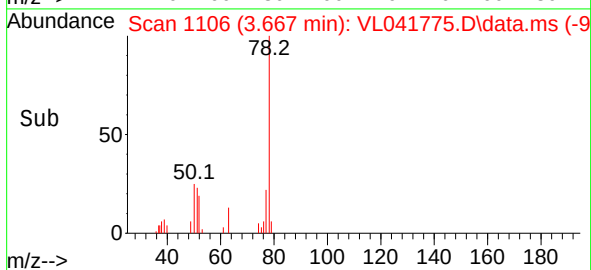
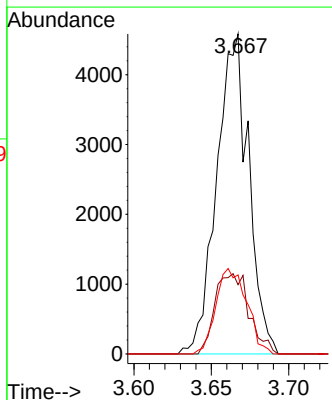
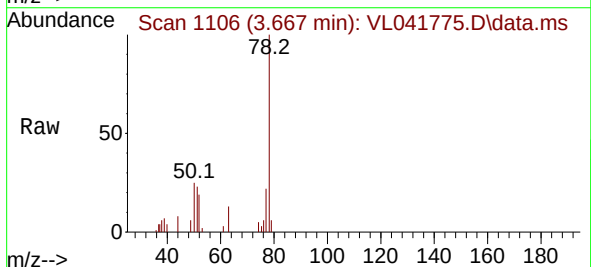
Instrument :
MSVOA_L
ClientSampleId :

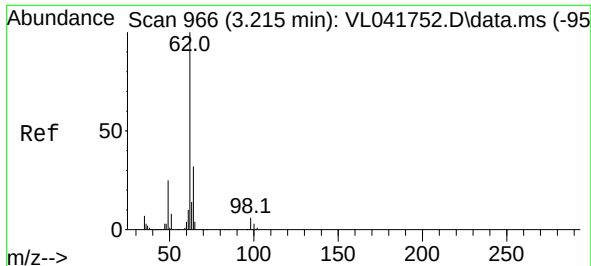
Tgt Ion:117 Resp: 4653
Ion Ratio Lower Upper
117 100
119 94.7 73.7 110.5
121 23.6 23.0 34.4



#36
Benzene
Concen: 0.418 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VL041775.D
Acq: 17 Dec 2024 13:10

Tgt Ion: 78 Resp: 6579
Ion Ratio Lower Upper
78 100
77 21.7 17.8 26.6
50 24.7 17.2 25.8

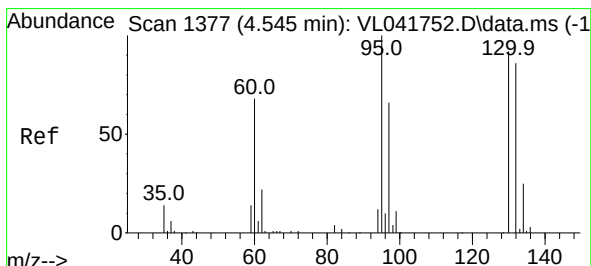
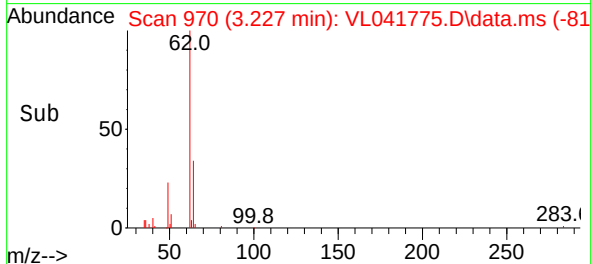
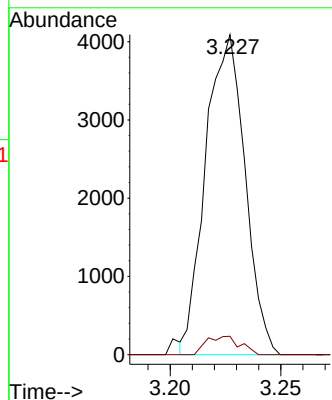
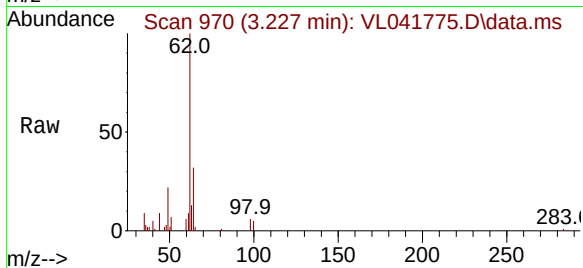




#37
1,2-Dichloroethane
Concen: 0.517 ppbv
RT: 3.227 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL041775.D
Acq: 17 Dec 2024 13:10

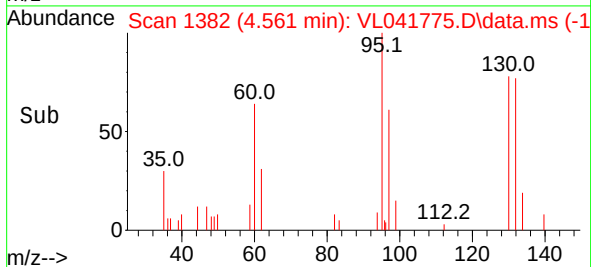
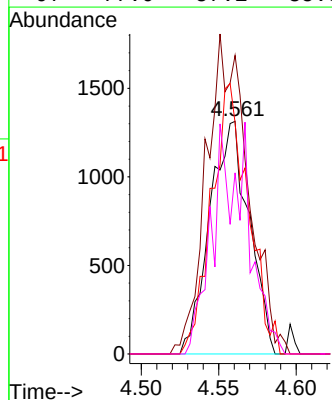
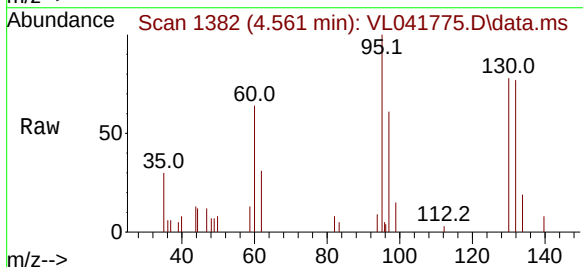
Instrument :
MSVOA_L
ClientSampleId :

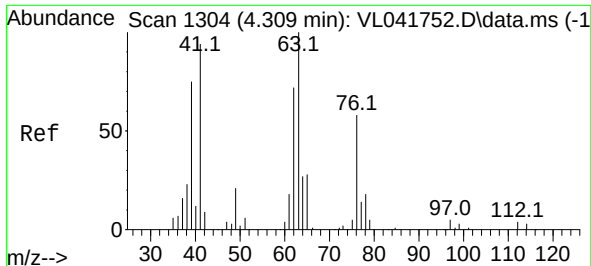
Tgt Ion: 62 Resp: 5063
Ion Ratio Lower Upper
62 100
98 4.9 4.7 7.1



#38
Trichloroethene
Concen: 0.348 ppbv
RT: 4.561 min Scan# 1382
Delta R.T. 0.016 min
Lab File: VL041775.D
Acq: 17 Dec 2024 13:10

Tgt Ion:130 Resp: 2322
Ion Ratio Lower Upper
130 100
95 124.5 87.0 130.6
132 99.4 75.0 112.6
97 77.9 57.2 85.8





#39

1,2-Dichloropropane

Concen: 0.344 ppbv

RT: 4.324 min Scan# 1309

Delta R.T. 0.016 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

ClientSampleId :

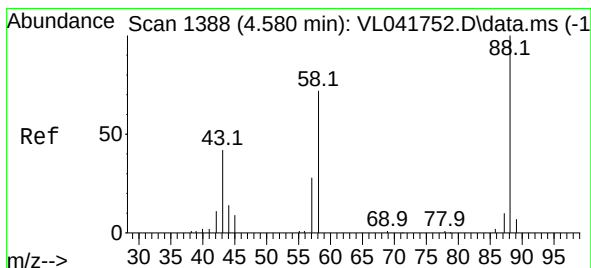
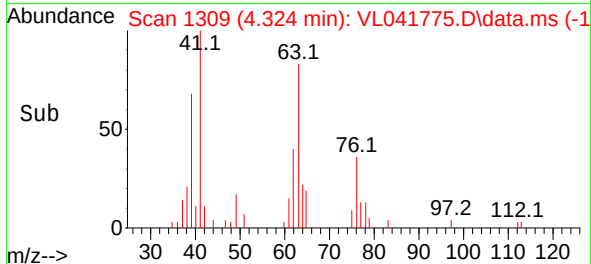
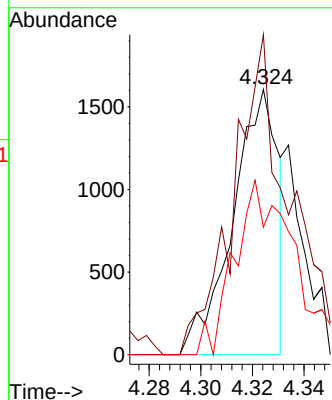
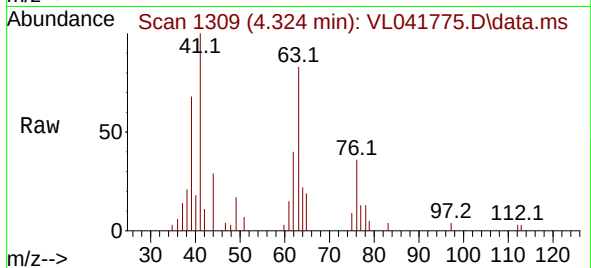
Tgt Ion: 63 Resp: 1955

Ion Ratio Lower Upper

63 100

41 120.6 75.3 112.9#

62 48.1 57.3 85.9#



#40

1,4-Dioxane

Concen: 0.177 ppbv

RT: 4.612 min Scan# 1398

Delta R.T. 0.032 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Tgt Ion: 88 Resp: 492

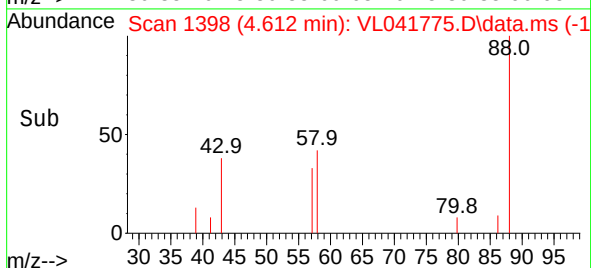
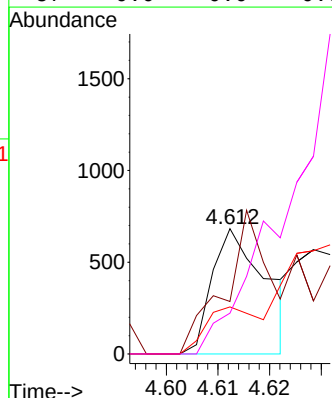
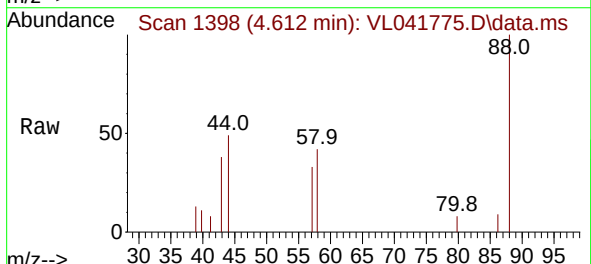
Ion Ratio Lower Upper

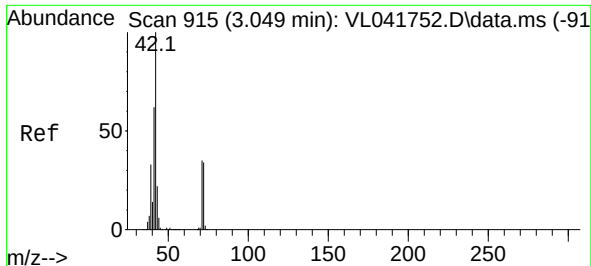
88 100

58 310.8 61.0 91.6#

43 0.0 29.4 44.0#

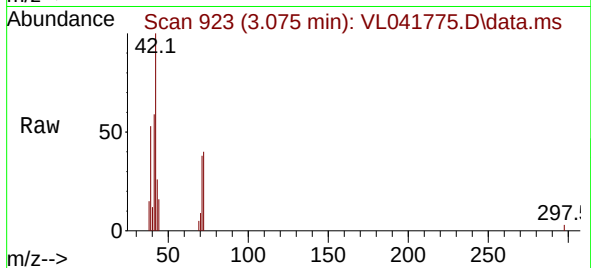
57 0.0 0.0 0.0



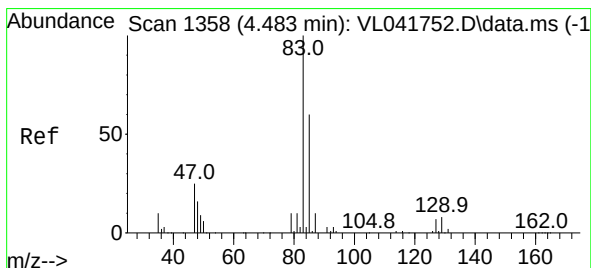
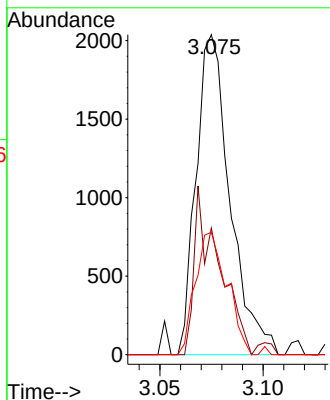
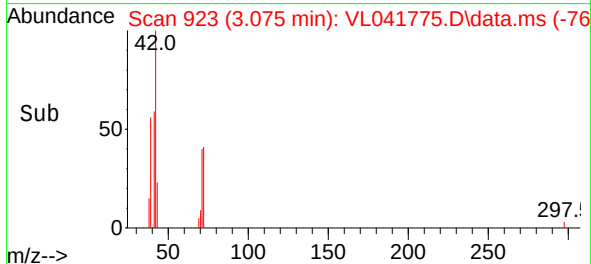


#41
Tetrahydrofuran
Concen: 0.340 ppbv
RT: 3.075 min Scan# 915
Delta R.T. 0.025 min
Lab File: VL041775.D
Acq: 17 Dec 2024 13:10

Instrument :
MSVOA_L
ClientSampleId :

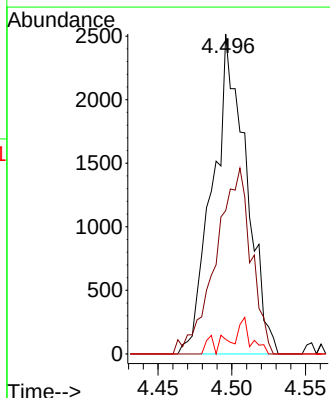
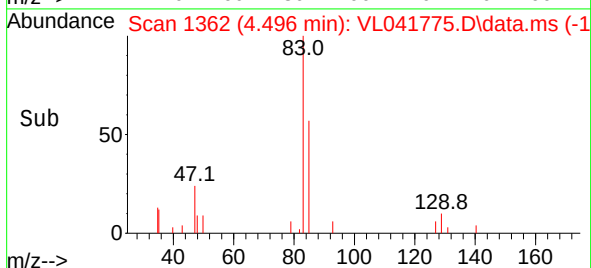
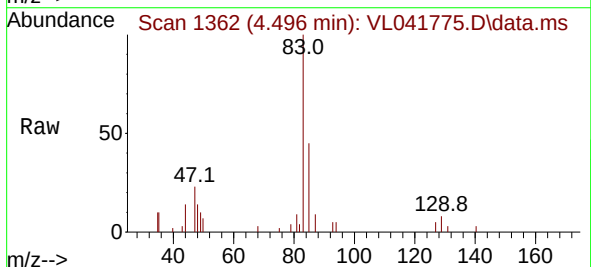


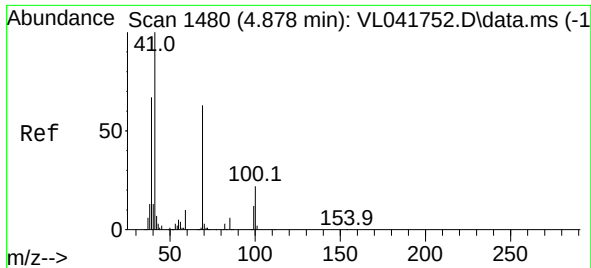
Tgt Ion:	42	Resp:	2331
Ion	Ratio	Lower	Upper
42	100		
72	40.2	29.1	43.7
71	36.1	28.4	42.6



#42
Bromodichloromethane
Concen: 0.354 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.013 min
Lab File: VL041775.D
Acq: 17 Dec 2024 13:10

Tgt Ion:	83	Resp:	3983
Ion	Ratio	Lower	Upper
83	100		
85	44.8	48.0	72.0#
127	4.5	5.8	8.8#





#43

Methyl Methacrylate

Concen: 0.261 ppbv

RT: 4.894 min Scan# 1485

Delta R.T. 0.016 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

ClientSampleId :

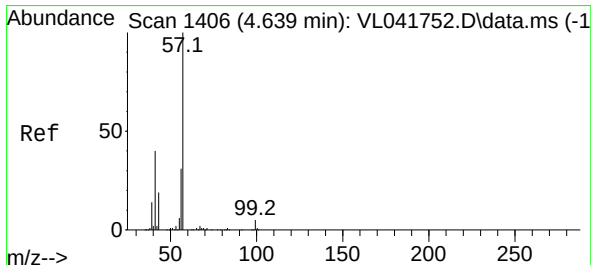
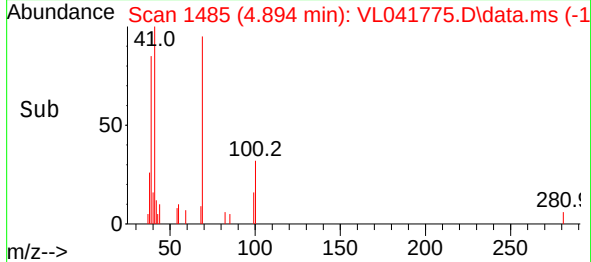
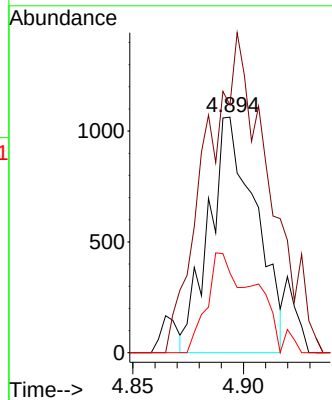
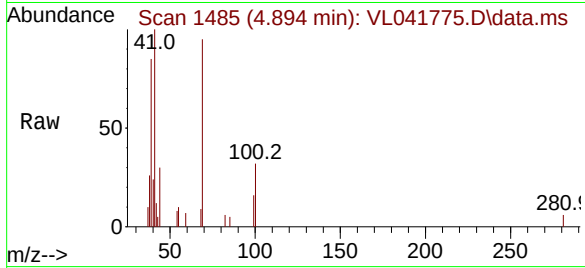
Tgt Ion: 69 Resp: 1566

Ion Ratio Lower Upper

69 100

41 182.8 130.3 195.5

100 43.8 28.3 42.5#



#44

2,2,4-Trimethylpentane

Concen: 0.211 ppbv

RT: 4.648 min Scan# 1409

Delta R.T. 0.009 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

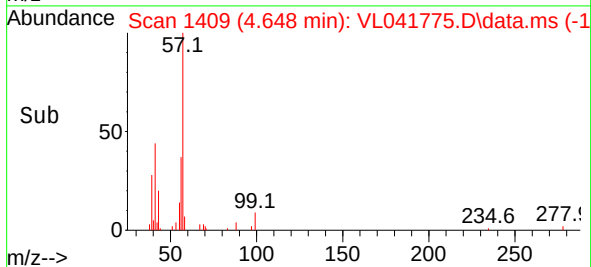
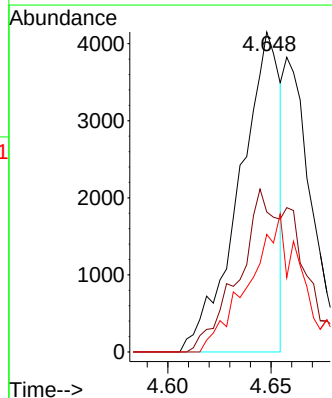
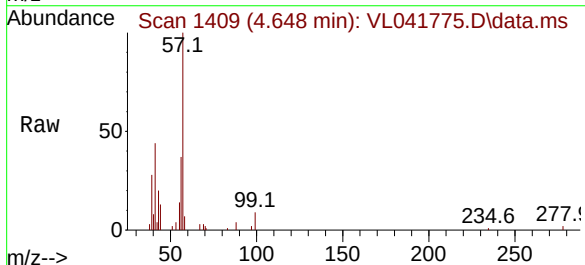
Tgt Ion: 57 Resp: 5660

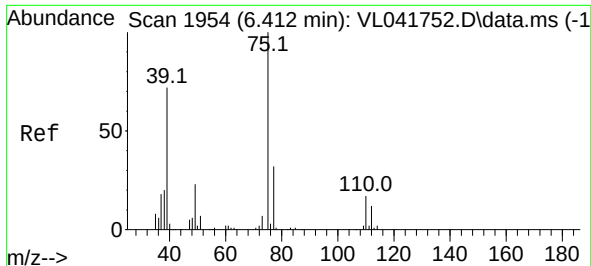
Ion Ratio Lower Upper

57 100

41 79.0 30.7 46.1#

56 0.0 25.4 38.0#





#45

t-1,3-Dichloropropene

Concen: 0.069 ppbv

RT: 6.438 min Scan# 1

Delta R.T. 0.025 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

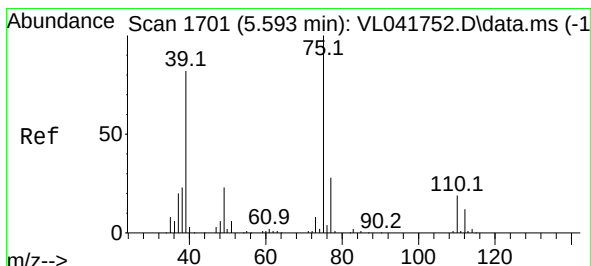
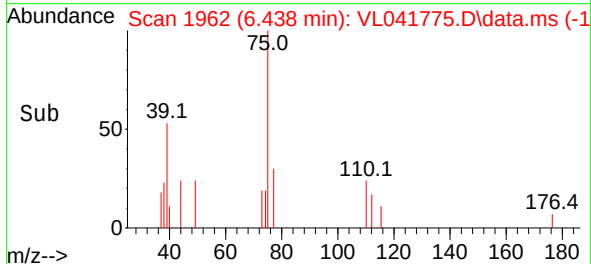
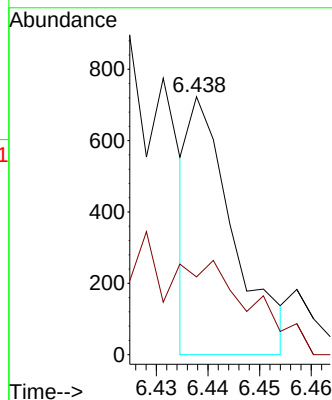
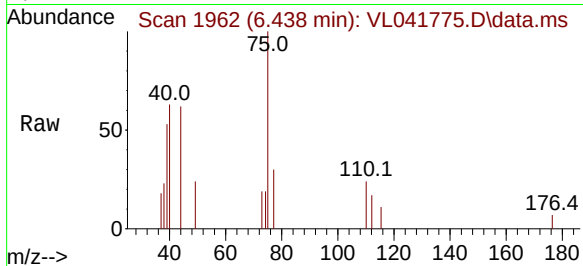
ClientSampleId :

Tgt Ion: 75 Resp: 425

Ion Ratio Lower Upper

75 100

77 30.2 25.9 38.9



#46

cis-1,3-Dichloropropene

Concen: 0.225 ppbv

RT: 5.612 min Scan# 1707

Delta R.T. 0.019 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

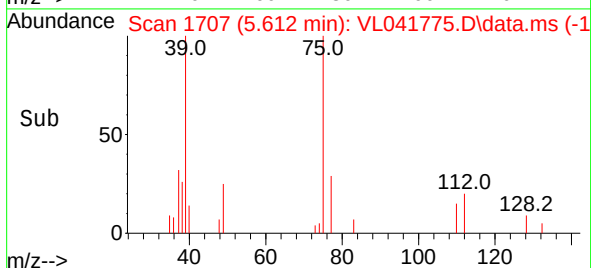
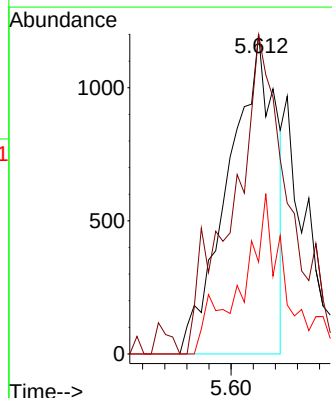
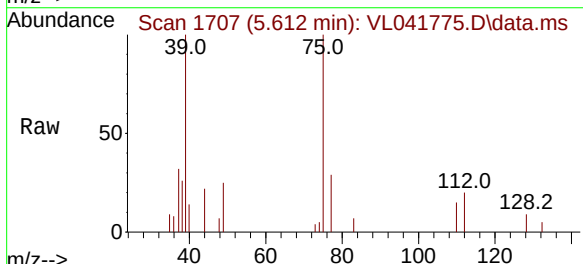
Tgt Ion: 75 Resp: 1772

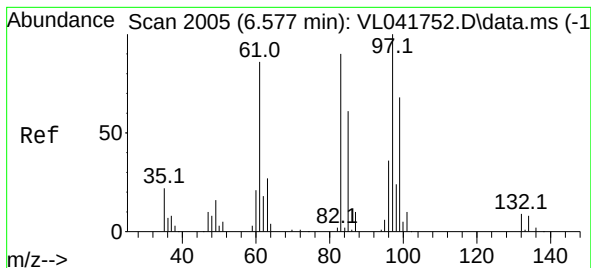
Ion Ratio Lower Upper

75 100

39 99.8 65.2 97.8#

77 28.7 22.0 33.0





#47

1,1,2-Trichloroethane

Concen: 0.459 ppbv

RT: 6.593 min Scan# 2005

Delta R.T. 0.016 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 2727

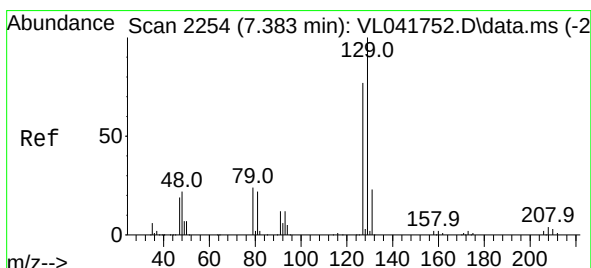
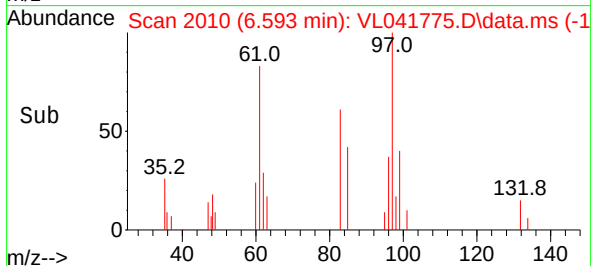
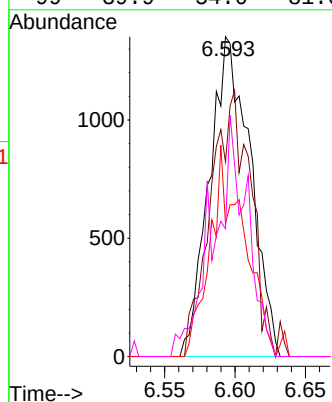
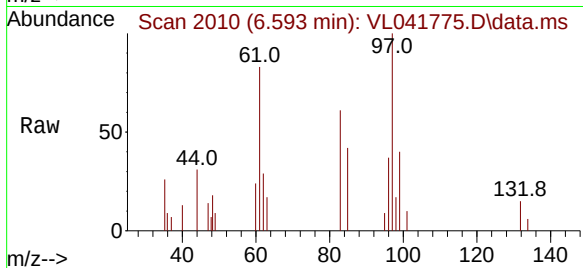
Ion Ratio Lower Upper

97 100

83 60.9 72.3 108.5#

85 41.6 48.5 72.7#

99 39.9 54.0 81.0#



#48

Dibromochloromethane

Concen: 0.228 ppbv

RT: 7.399 min Scan# 2259

Delta R.T. 0.016 min

Lab File: VL041775.D

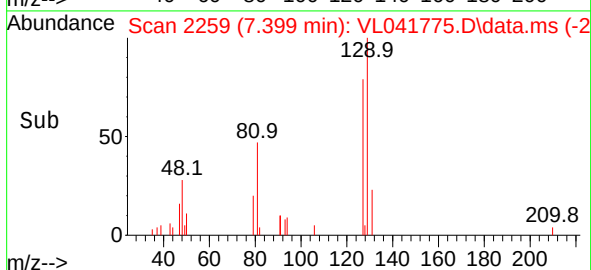
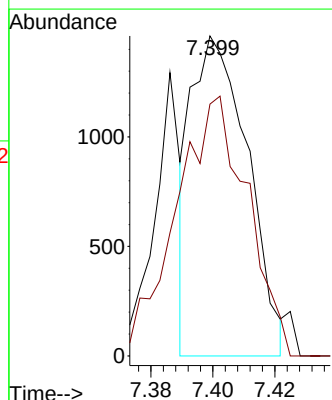
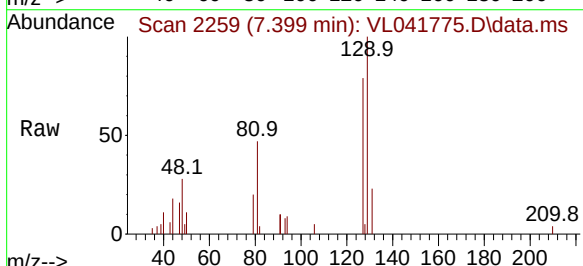
Acq: 17 Dec 2024 13:10

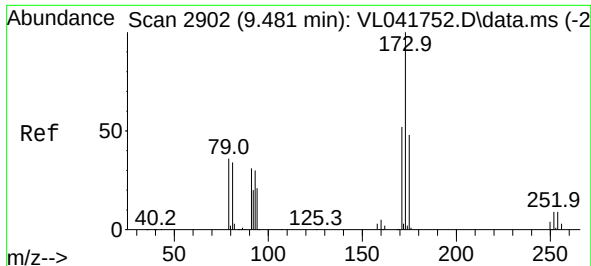
Tgt Ion: 129 Resp: 1853

Ion Ratio Lower Upper

129 100

127 104.7 38.8 116.3





#49

Bromoform

Concen: 0.005 ppbv

RT: 9.513 min Scan# 20

Delta R.T. 0.032 min

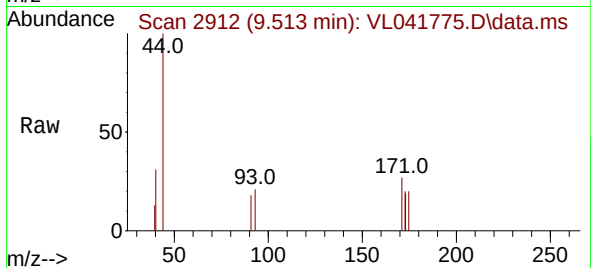
Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

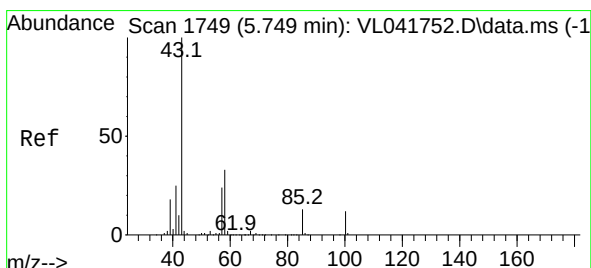
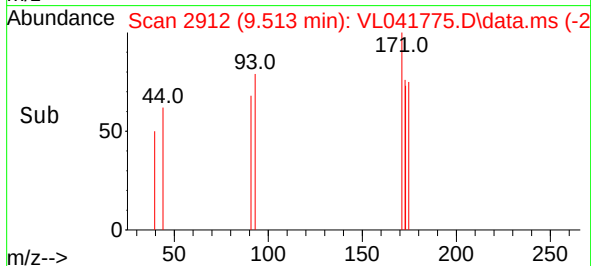
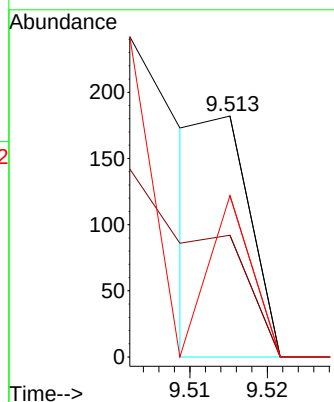
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	173	Resp:	35
Ion	Ratio	Lower	Upper
173	100		
175	0.0	38.2	57.2#
171	0.0	41.1	61.7#



#50

4-Methyl-2-Pentanone

Concen: 0.159 ppbv

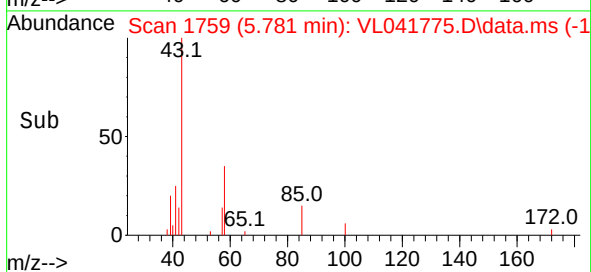
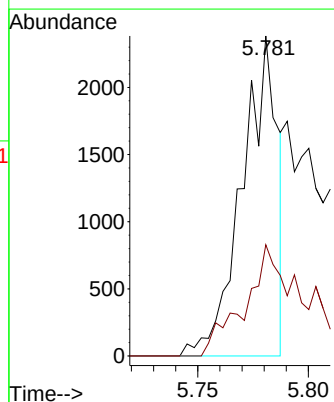
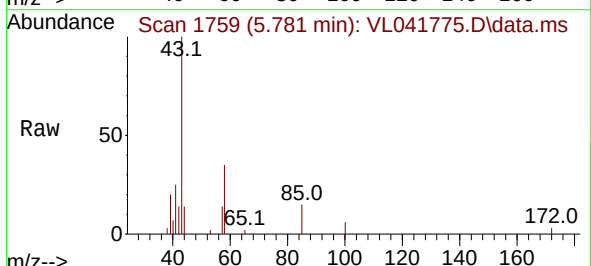
RT: 5.781 min Scan# 1759

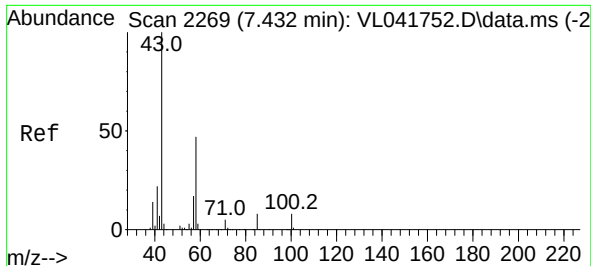
Delta R.T. 0.032 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Tgt Ion:	43	Resp:	2651
Ion	Ratio	Lower	Upper
43	100		
58	61.5	26.8	40.2#

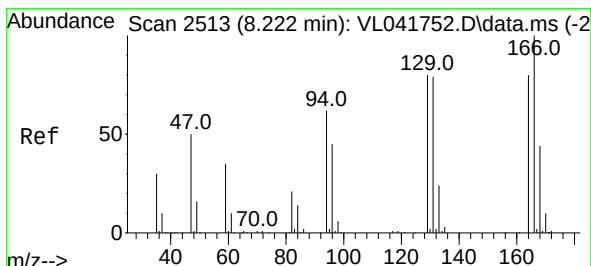
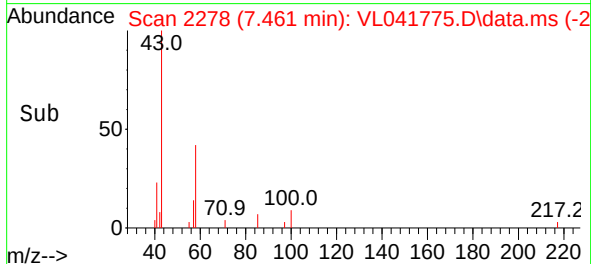
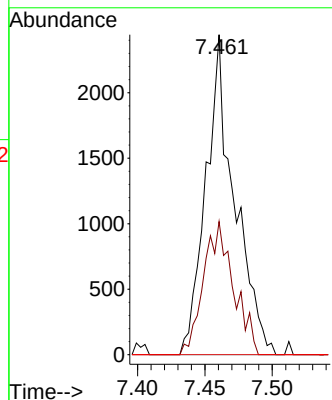
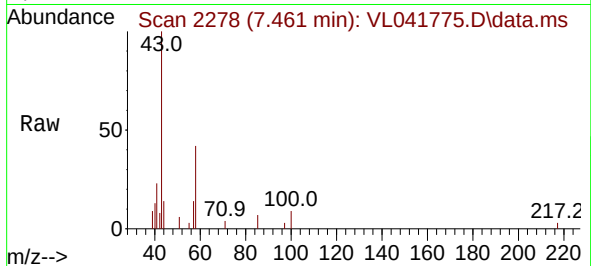




#51
2-Hexanone
Concen: 0.268 ppbv
RT: 7.461 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL041775.D
Acq: 17 Dec 2024 13:10

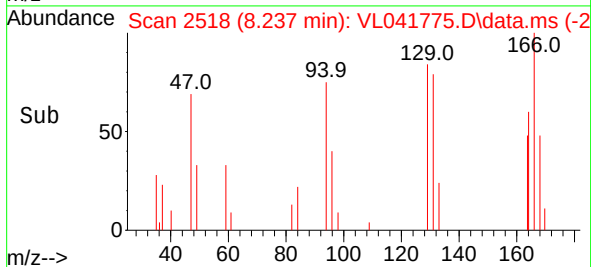
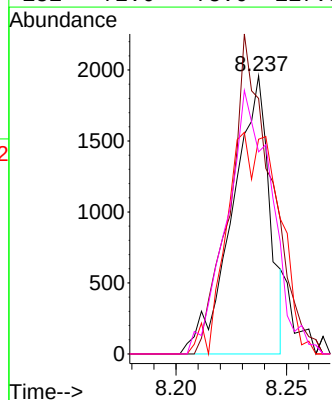
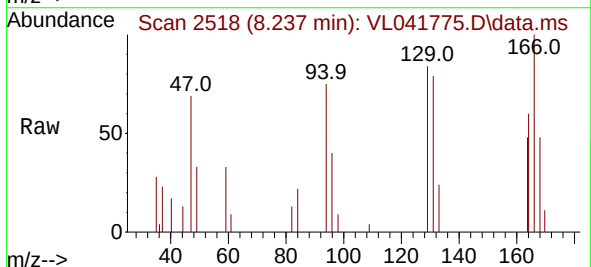
Instrument :
MSVOA_L
ClientSampleId :

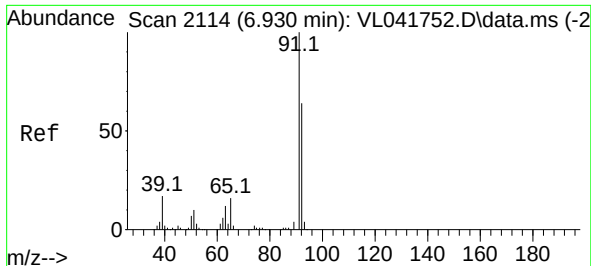
Tgt Ion: 43 Resp: 3612
Ion Ratio Lower Upper
43 100
58 43.5 36.6 55.0
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.389 ppbv
RT: 8.237 min Scan# 2518
Delta R.T. 0.016 min
Lab File: VL041775.D
Acq: 17 Dec 2024 13:10

Tgt Ion: 164 Resp: 2278
Ion Ratio Lower Upper
164 100
166 91.9 99.8 149.6#
129 77.2 79.6 119.4#
131 72.6 78.6 117.8#





#53

Toluene

Concen: 0.109 ppbv

RT: 6.952 min Scan# 2114

Delta R.T. 0.022 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

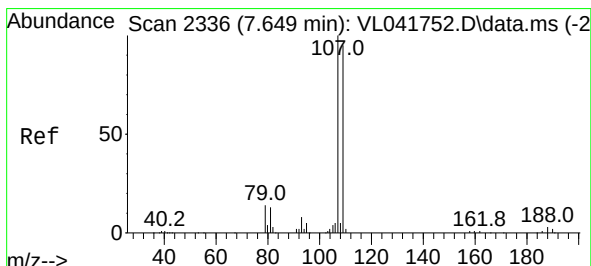
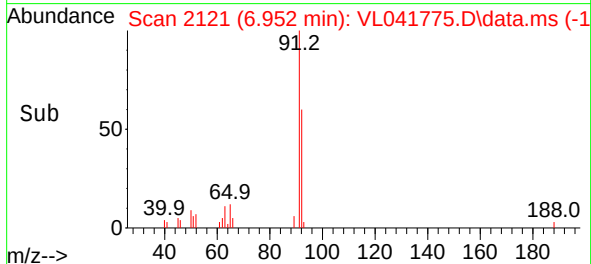
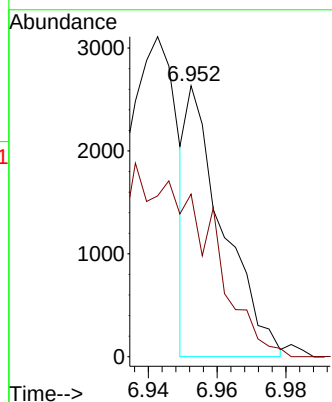
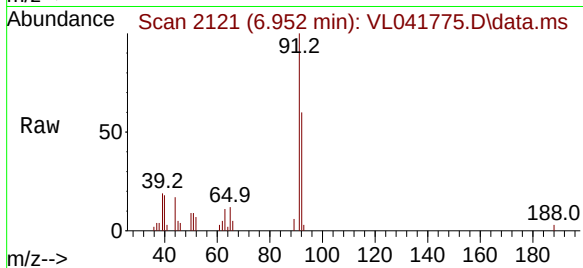
ClientSampleId :

Tgt Ion: 91 Resp: 1940

Ion Ratio Lower Upper

91 100

92 0.0 47.9 71.9#



#54

1,2-Dibromoethane

Concen: 0.110 ppbv

RT: 7.652 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VL041775.D

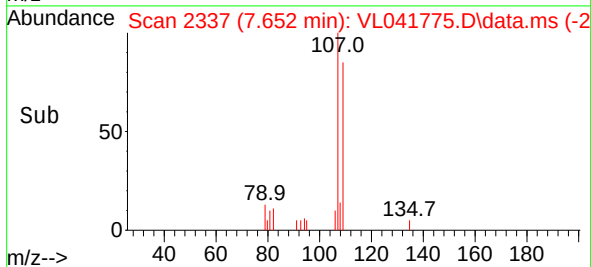
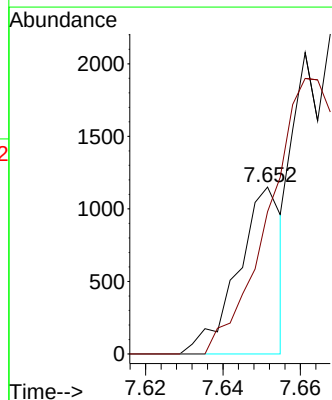
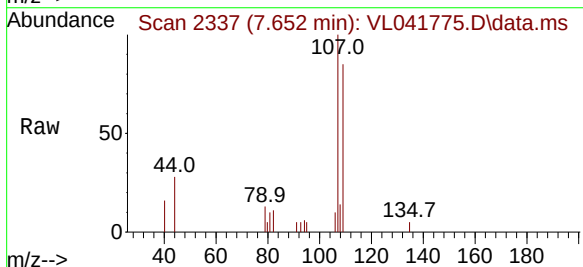
Acq: 17 Dec 2024 13:10

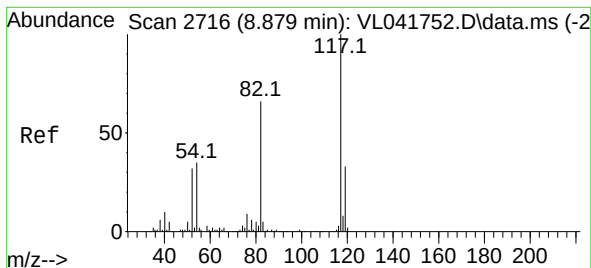
Tgt Ion:107 Resp: 904

Ion Ratio Lower Upper

107 100

109 85.2 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 2716

Delta R.T. 0.012 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

ClientSampleId :

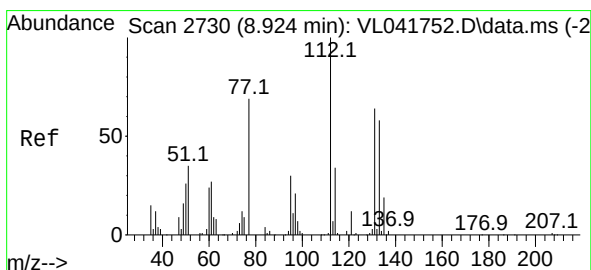
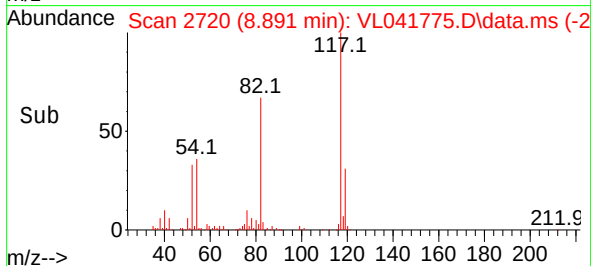
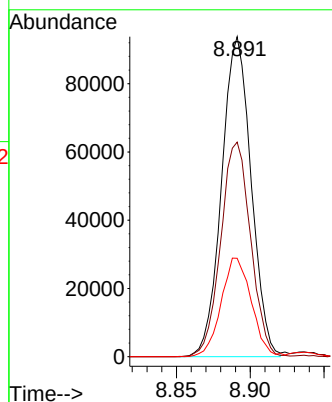
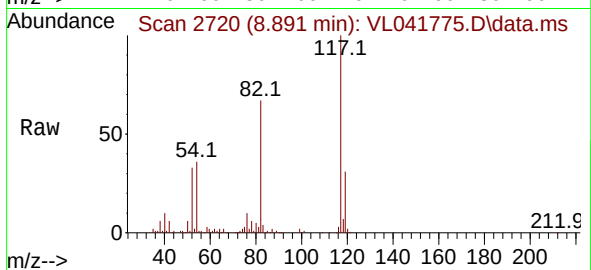
Tgt Ion:117 Resp: 130372

Ion Ratio Lower Upper

117 100

82 68.3 53.8 80.8

119 32.9 26.7 40.1



#56

1,1,1,2-Tetrachloroethane

Concen: 0.421 ppbv

RT: 8.933 min Scan# 2733

Delta R.T. 0.009 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

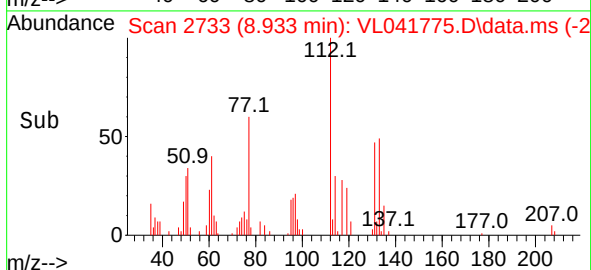
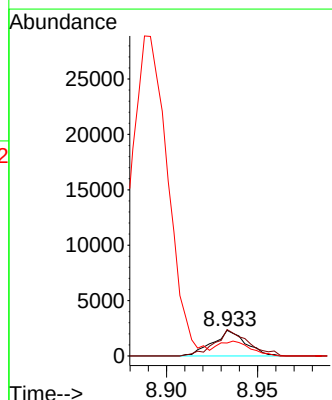
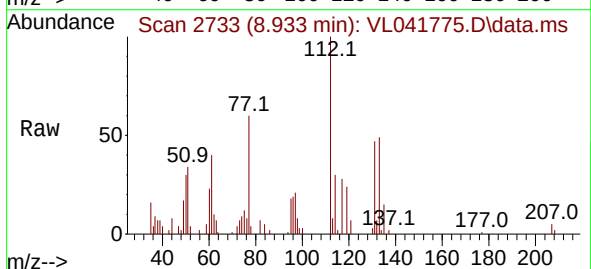
Tgt Ion:131 Resp: 2907

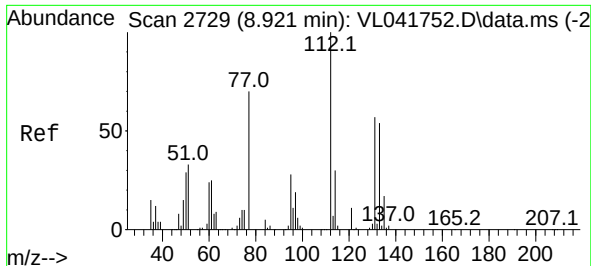
Ion Ratio Lower Upper

131 100

133 103.1 76.8 115.2

119 1475.4 49.0 73.6#





#57

Chlorobenzene

Concen: 0.472 ppbv

RT: 8.933 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL041775.D

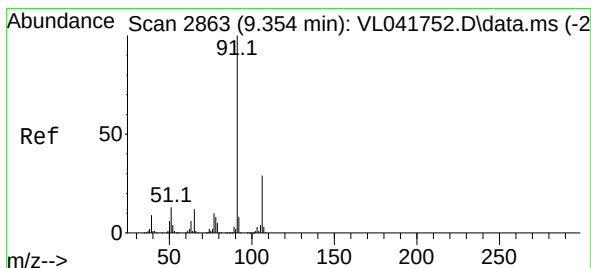
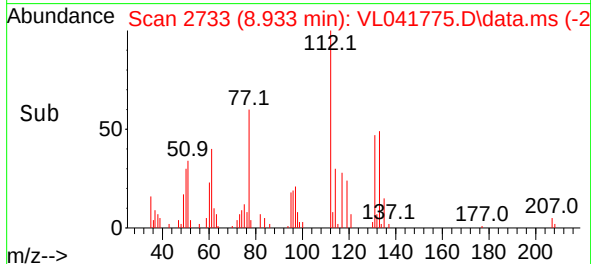
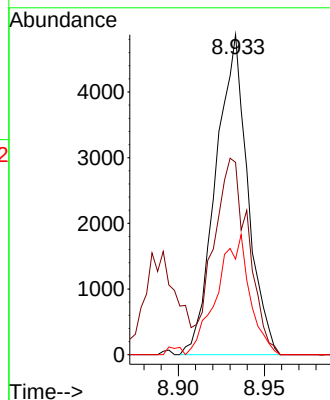
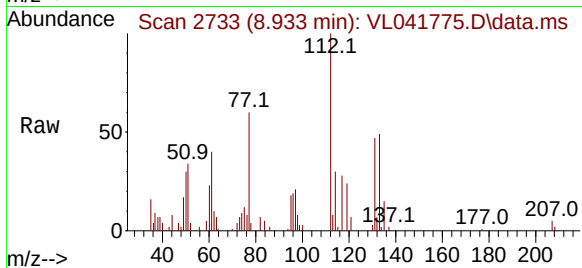
Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	112	Resp:	6292
Ion Ratio	Lower	Upper	
112	100		
77	60.1	57.4	86.0
114	29.9	27.4	33.4



#58

Ethyl Benzene

Concen: 0.304 ppbv

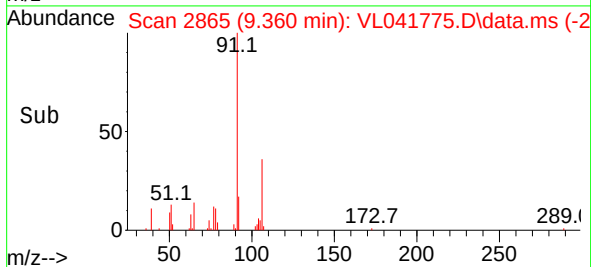
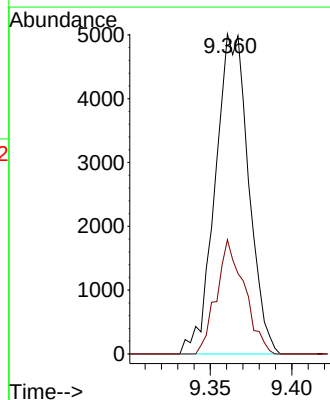
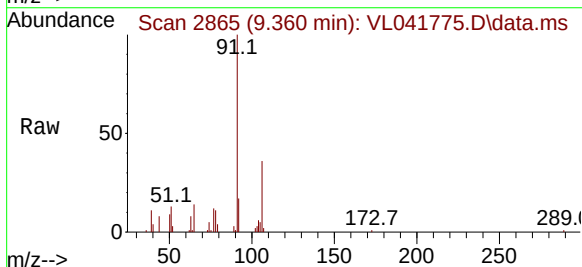
RT: 9.360 min Scan# 2865

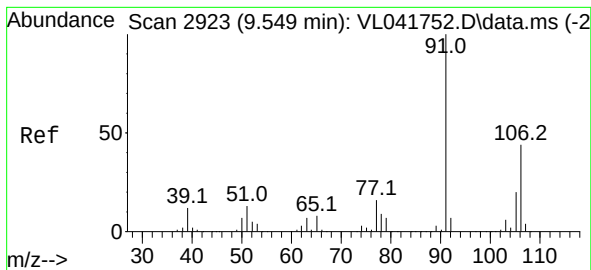
Delta R.T. 0.006 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Tgt Ion:	91	Resp:	7132
Ion Ratio	Lower	Upper	
91	100		
106	35.7	23.5	35.3#





#59

m/p-Xylene

Concen: 0.339 ppbv

RT: 9.561 min Scan# 2927

Delta R.T. 0.013 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

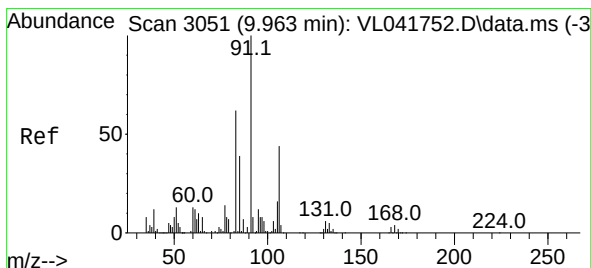
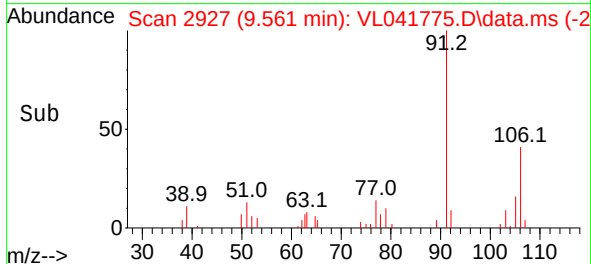
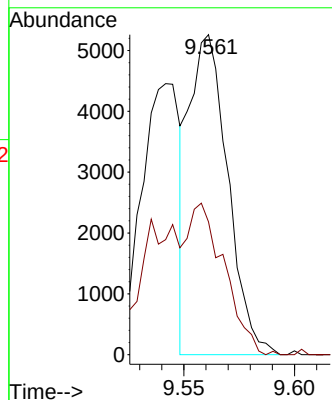
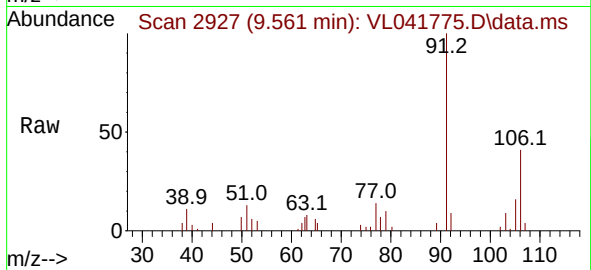
ClientSampleId :

Tgt Ion: 91 Resp: 6403

Ion Ratio Lower Upper

91 100

106 85.7 0.0 0.0#



#60

o-Xylene

Concen: 0.319 ppbv

RT: 9.975 min Scan# 3055

Delta R.T. 0.013 min

Lab File: VL041775.D

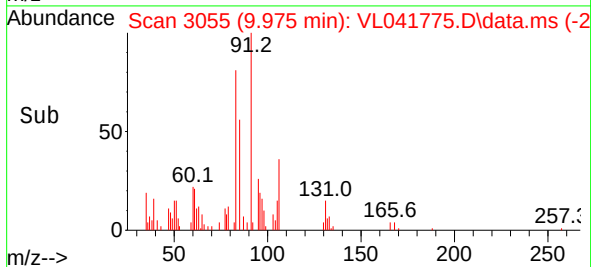
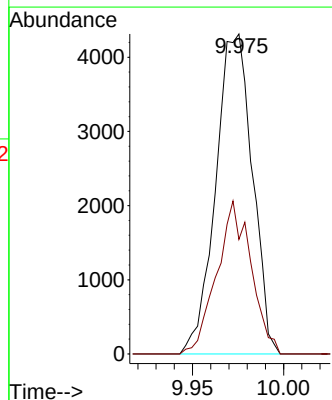
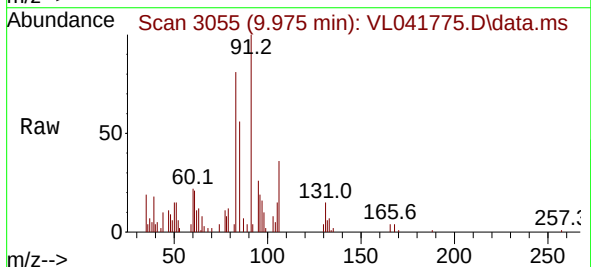
Acq: 17 Dec 2024 13:10

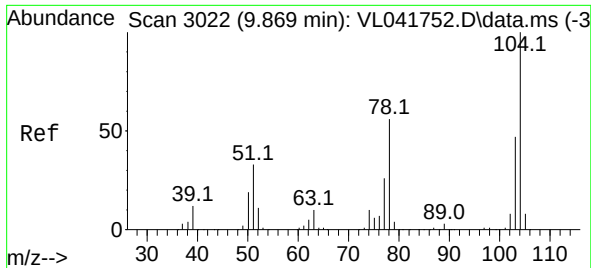
Tgt Ion: 91 Resp: 6035

Ion Ratio Lower Upper

91 100

106 44.9 21.1 63.4

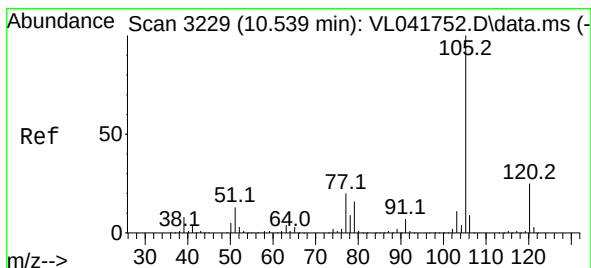
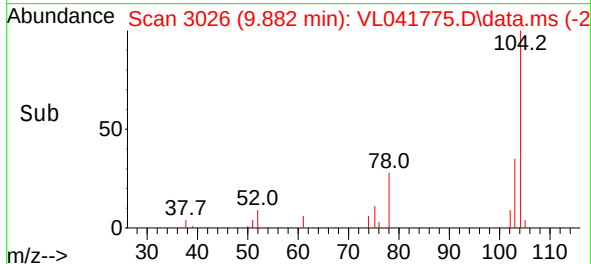
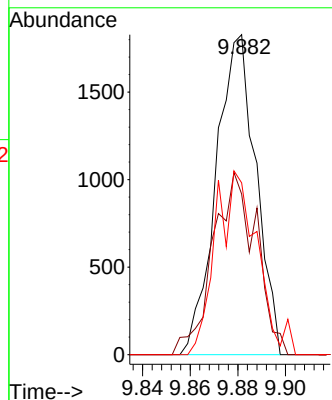
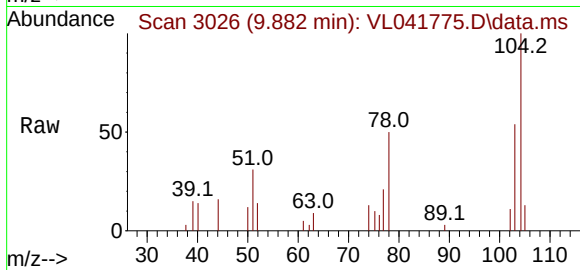




#61
Styrene
Concen: 0.260 ppbv
RT: 9.882 min Scan# 3022
Delta R.T. 0.013 min
Lab File: VL041775.D
Acq: 17 Dec 2024 13:10

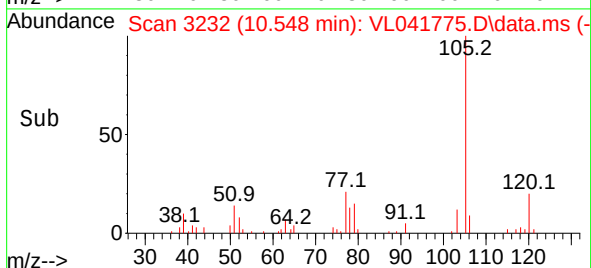
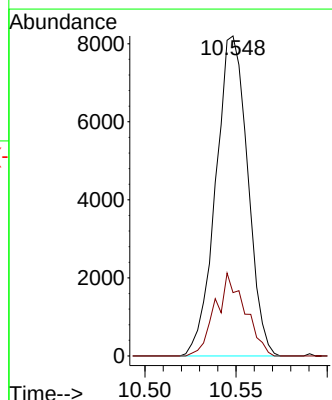
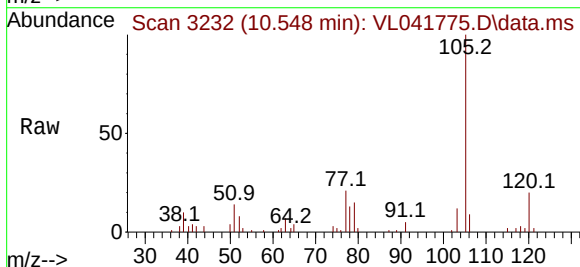
Instrument :
MSVOA_L
ClientSampleId :

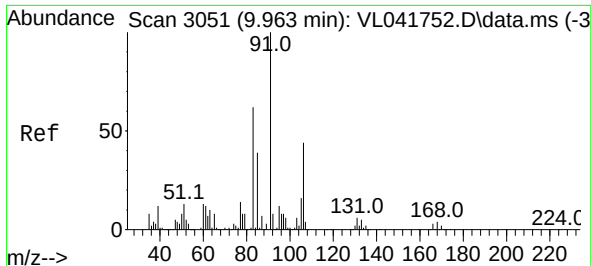
Tgt Ion:104 Resp: 2124
Ion Ratio Lower Upper
104 100
78 62.0 43.8 65.6
103 59.9 37.8 56.6#



#62
Isopropylbenzene
Concen: 0.350 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. 0.009 min
Lab File: VL041775.D
Acq: 17 Dec 2024 13:10

Tgt Ion:105 Resp: 9966
Ion Ratio Lower Upper
105 100
120 24.3 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 0.431 ppbv

RT: 9.972 min Scan# 3051

Delta R.T. 0.009 min

Lab File: VL041775.D

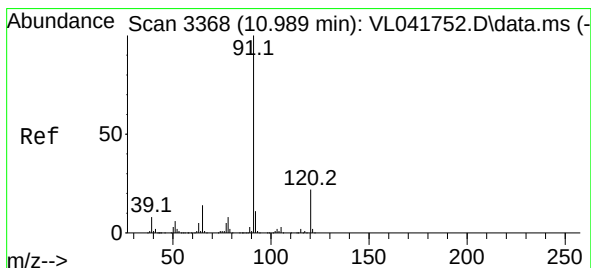
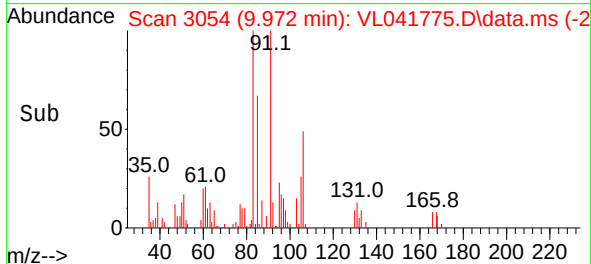
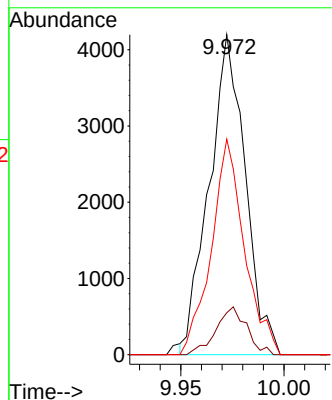
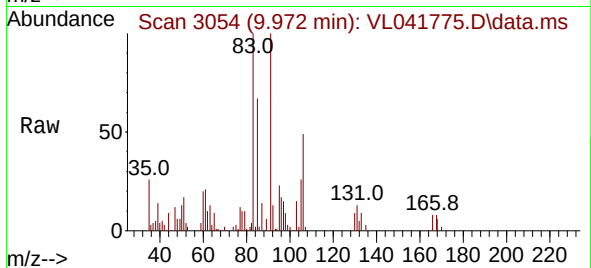
Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	83	Resp:	5108
Ion Ratio	Lower	Upper	
83	100		
131	12.7	4.9	14.7
85	61.7	32.0	96.2



#64

n-propylbenzene

Concen: 0.298 ppbv

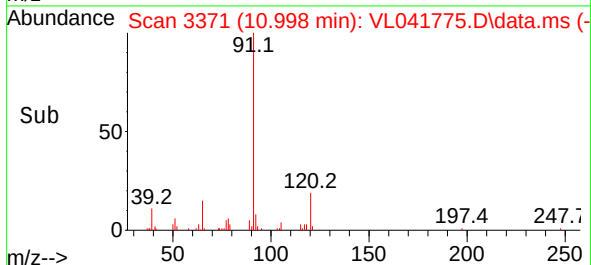
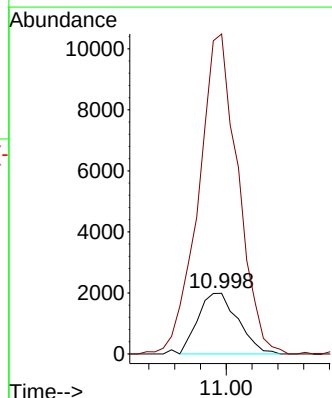
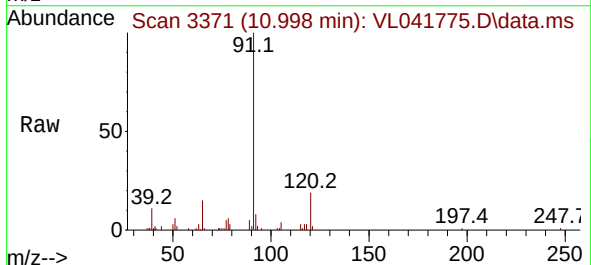
RT: 10.998 min Scan# 3371

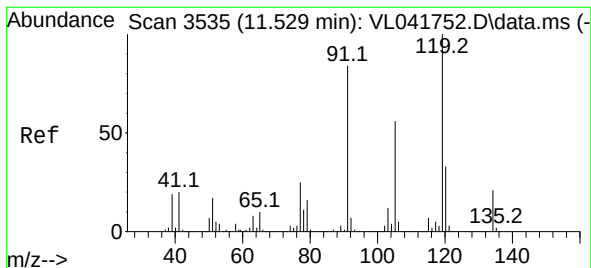
Delta R.T. 0.009 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Tgt Ion:	120	Resp:	2145
Ion Ratio	Lower	Upper	
120	100		
91	520.3	387.3	580.9





#65

tert-Butylbenzene

Concen: 0.317 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.009 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

ClientSampleId :

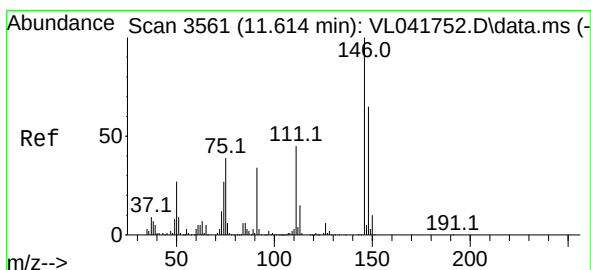
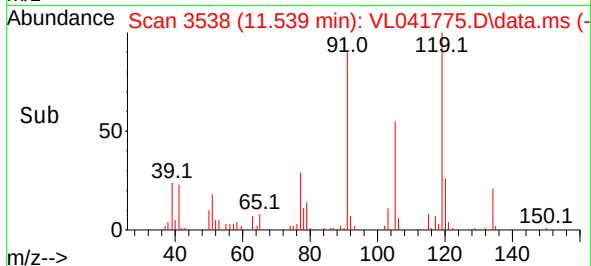
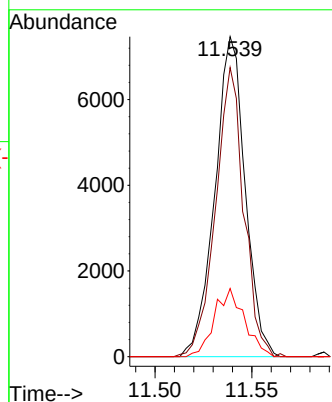
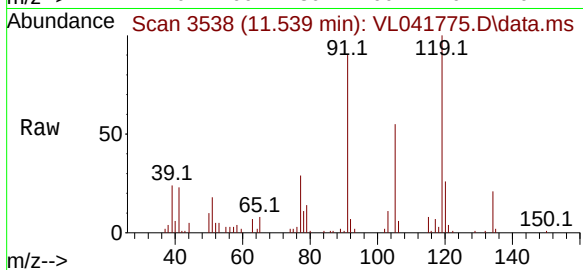
Tgt Ion:119 Resp: 8123

Ion Ratio Lower Upper

119 100

91 84.0 67.0 100.4

134 21.1 16.5 24.7



#66

Benzyl Chloride

Concen: 0.318 ppbv

RT: 11.626 min Scan# 3565

Delta R.T. 0.013 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

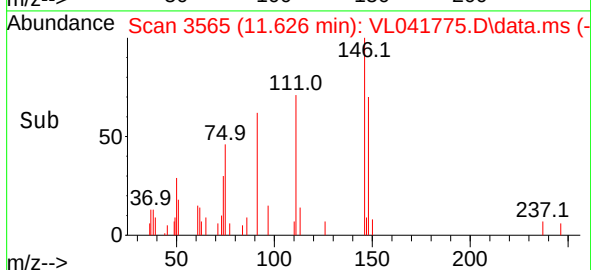
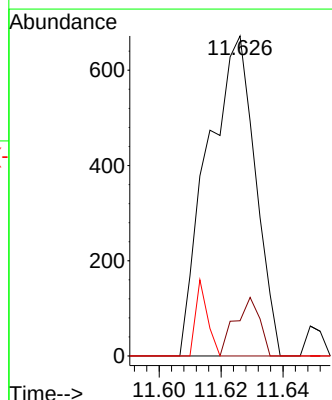
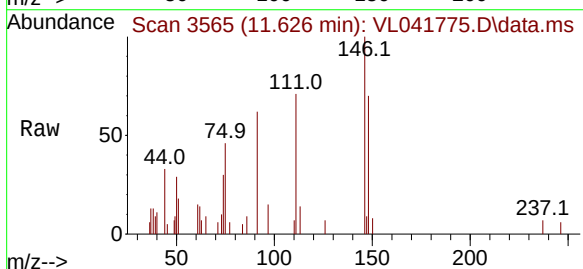
Tgt Ion: 91 Resp: 718

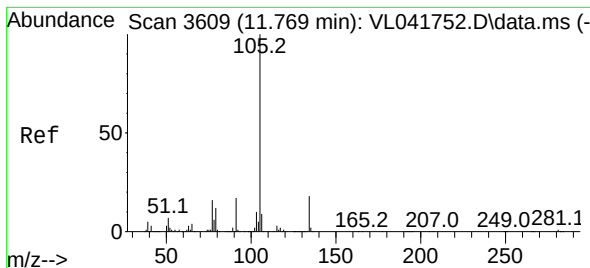
Ion Ratio Lower Upper

91 100

126 9.5 13.9 20.9#

128 5.8 4.4 6.6





#67

sec-Butylbenzene

Concen: 0.312 ppbv

RT: 11.778 min Scan# 3612

Delta R.T. 0.009 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

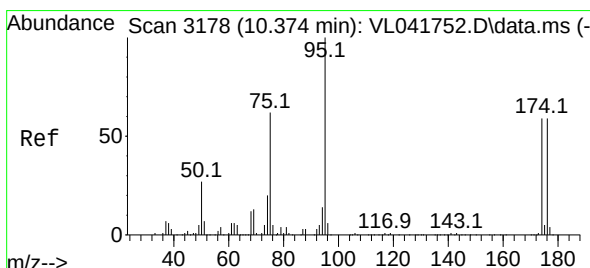
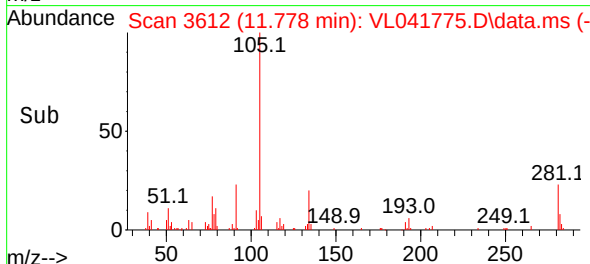
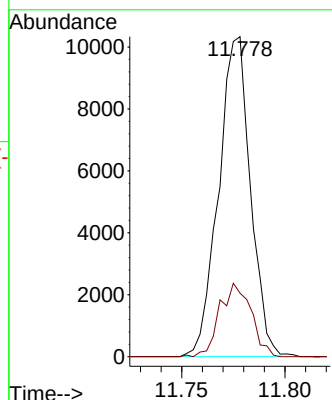
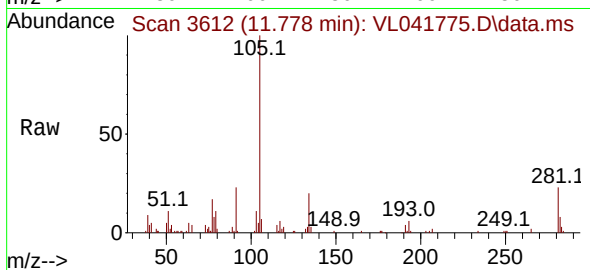
ClientSampleId :

Tgt Ion:105 Resp: 11072

Ion Ratio Lower Upper

105 100

134 22.7 14.5 21.7#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.003 ppbv

RT: 10.386 min Scan# 3182

Delta R.T. 0.013 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

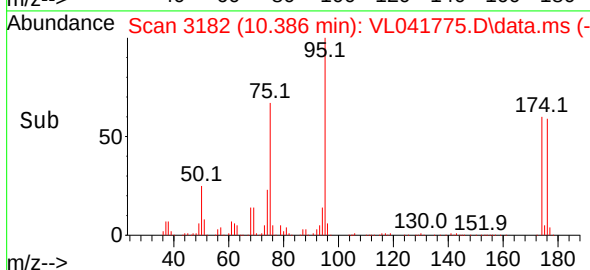
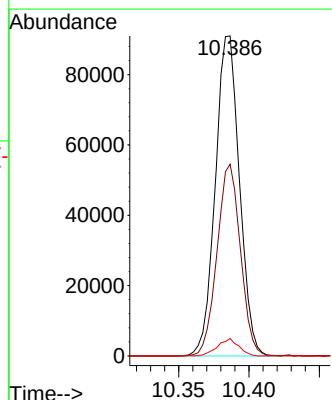
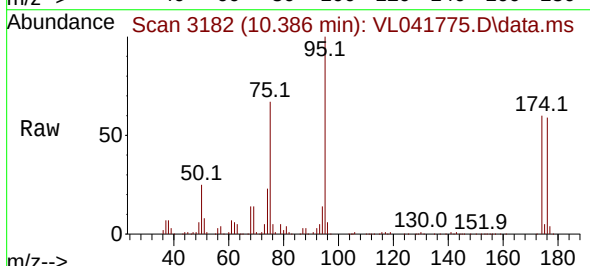
Tgt Ion: 95 Resp: 108670

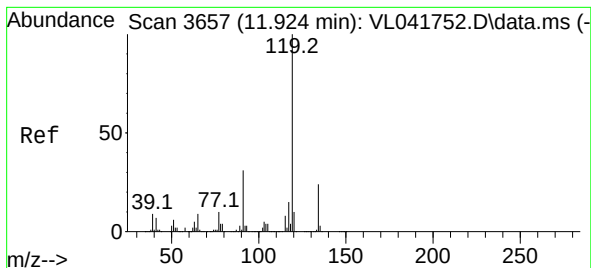
Ion Ratio Lower Upper

95 100

174 58.1 47.6 71.4

175 4.8 3.7 5.5





#69

p-Isopropyltoluene

Concen: 0.277 ppbv

RT: 11.934 min Scan# 3660

Delta R.T. 0.009 min

Lab File: VL041775.D

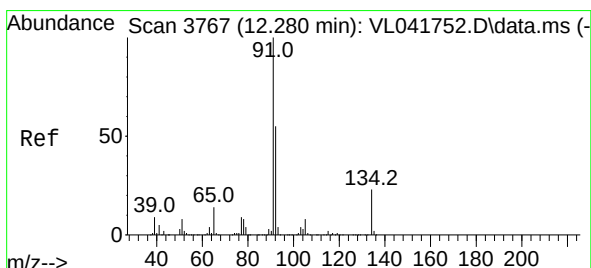
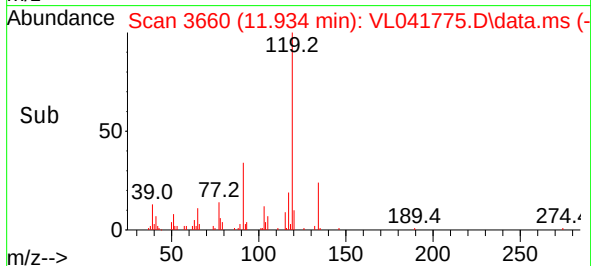
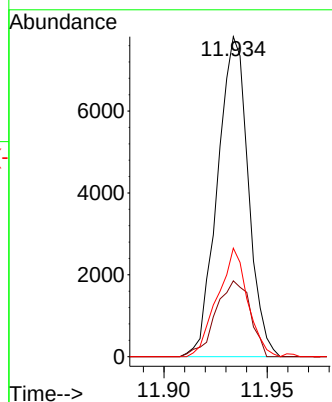
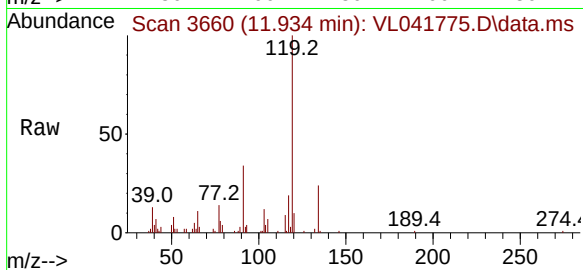
Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	8109
Ion	Ratio	Lower	Upper
119	100		
134	26.5	19.6	29.4
91	33.5	24.4	36.6



#70

n-Butylbenzene

Concen: 0.280 ppbv

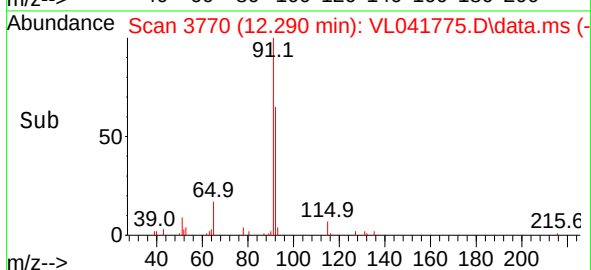
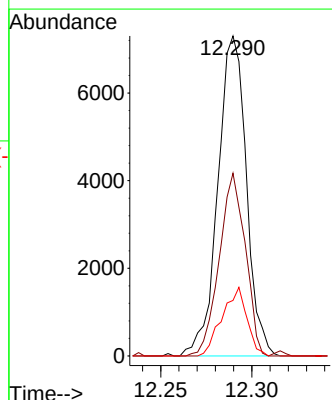
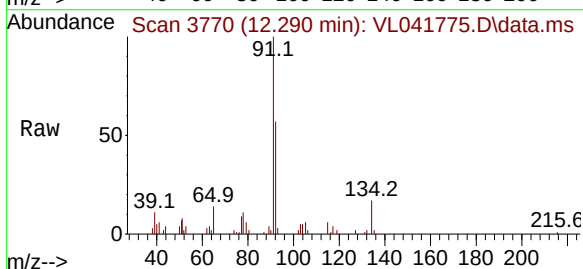
RT: 12.290 min Scan# 3770

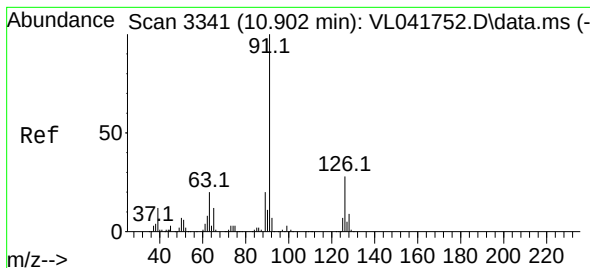
Delta R.T. 0.009 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Tgt Ion:	91	Resp:	7927
Ion	Ratio	Lower	Upper
91	100		
92	52.8	43.2	64.8
134	18.8	18.2	27.4





#71

2-Chlorotoluene

Concen: 0.322 ppbv

RT: 10.911 min Scan# 3411

Delta R.T. 0.009 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

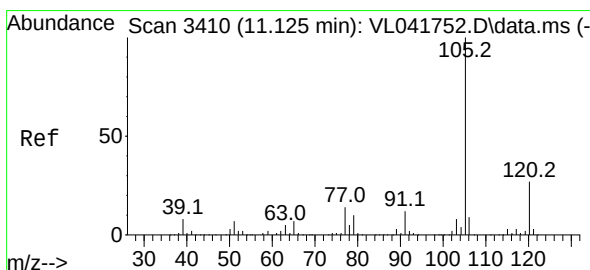
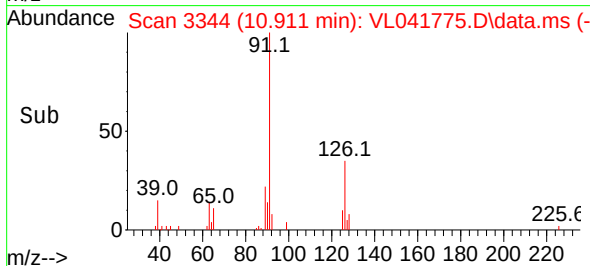
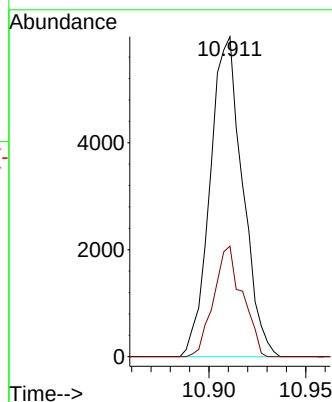
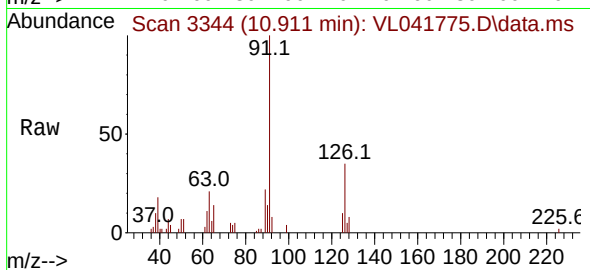
ClientSampleId :

Tgt Ion: 91 Resp: 6998

Ion Ratio Lower Upper

91 100

126 30.6 11.6 46.4



#72

4-Ethyltoluene

Concen: 0.298 ppbv

RT: 11.131 min Scan# 3412

Delta R.T. 0.006 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Tgt Ion: 105 Resp: 6663

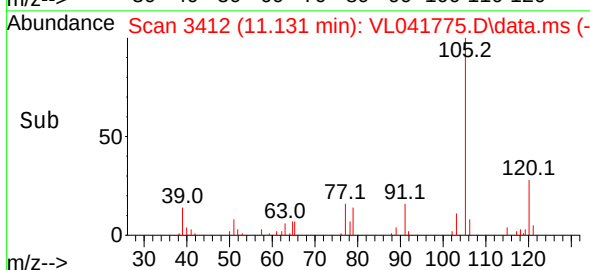
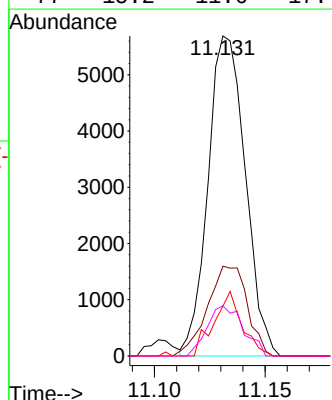
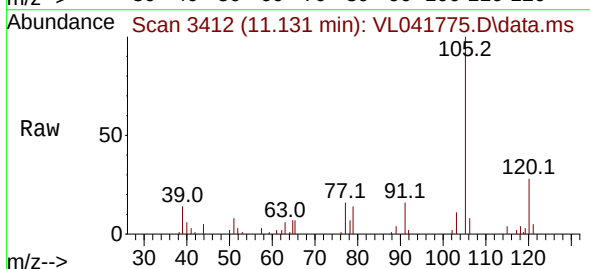
Ion Ratio Lower Upper

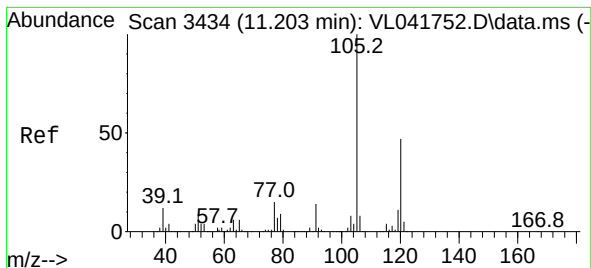
105 100

120 30.0 23.3 34.9

91 15.5 10.9 16.3

77 15.2 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 0.300 ppbv

RT: 11.209 min Scan# 3434

Delta R.T. 0.006 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

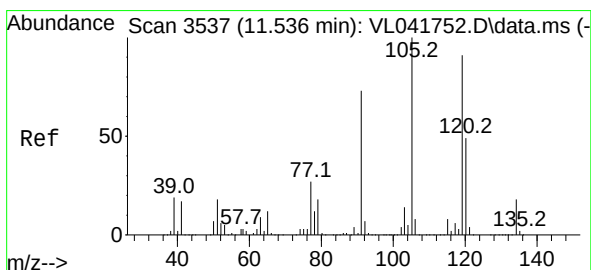
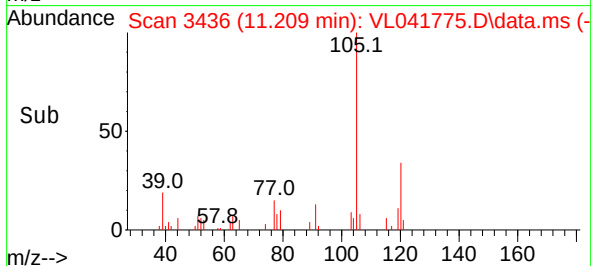
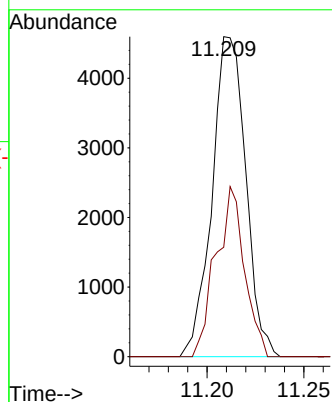
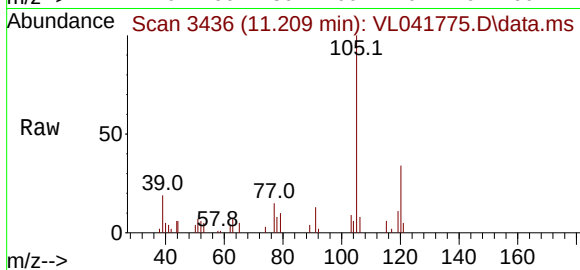
ClientSampleId :

Tgt Ion:105 Resp: 5566

Ion Ratio Lower Upper

105 100

120 34.2 37.4 56.2#



#74

1,2,4-Trimethylbenzene

Concen: 0.295 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.009 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Tgt Ion:105 Resp: 5877

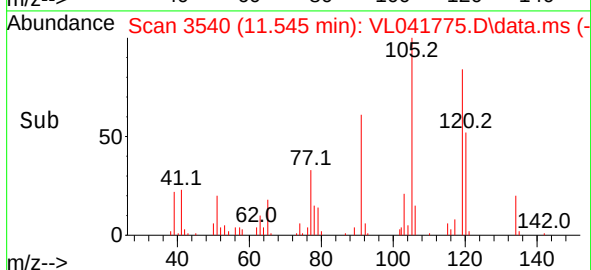
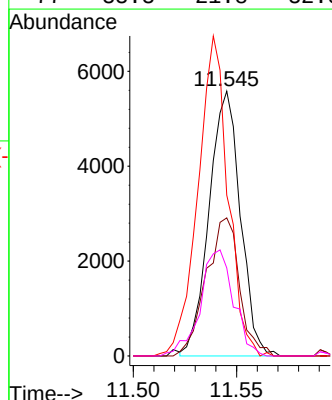
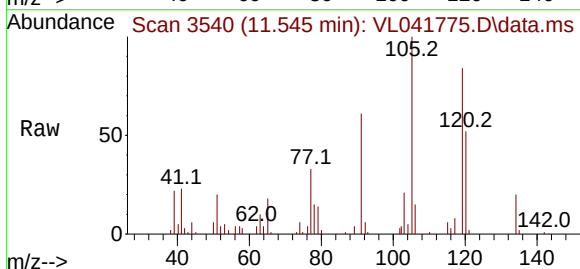
Ion Ratio Lower Upper

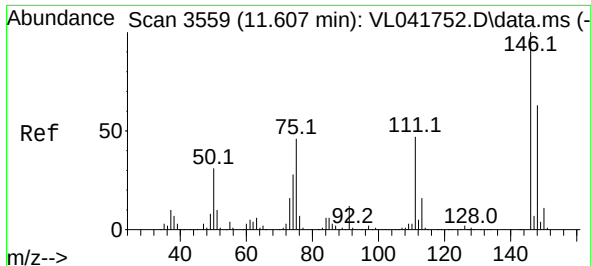
105 100

120 52.1 39.0 58.4

91 60.7 58.1 87.1

77 33.3 21.8 32.8#





#75

1,3-Dichlorobenzene

Concen: 0.435 ppbv

RT: 11.616 min Scan# 3562

Delta R.T. 0.009 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

ClientSampleId :

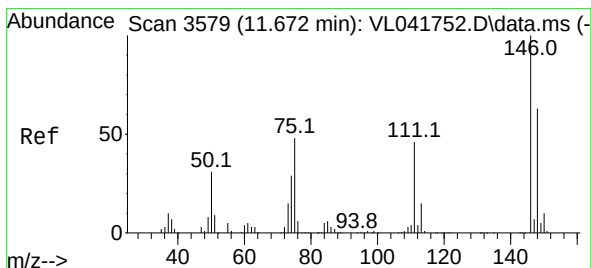
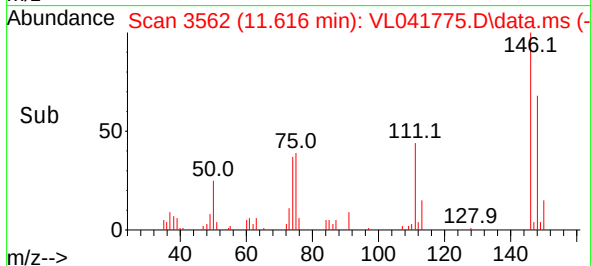
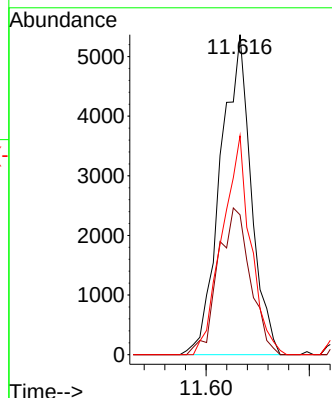
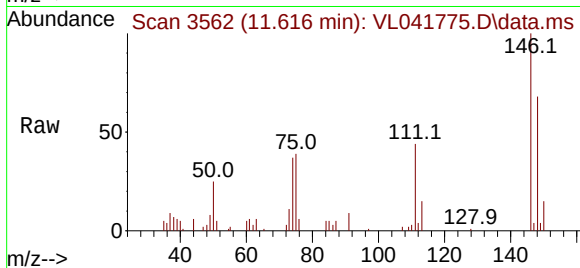
Tgt Ion:146 Resp: 5526

Ion Ratio Lower Upper

146 100

111 48.5 23.4 70.3

148 63.6 31.6 95.0



#76

1,4-Dichlorobenzene

Concen: 0.395 ppbv

RT: 11.681 min Scan# 3582

Delta R.T. 0.009 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

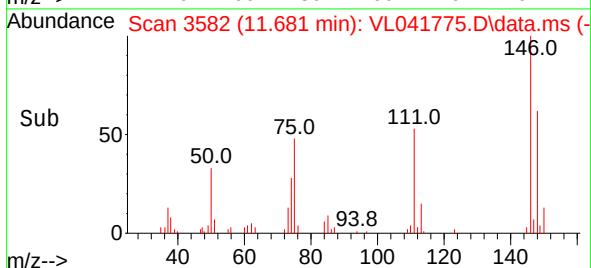
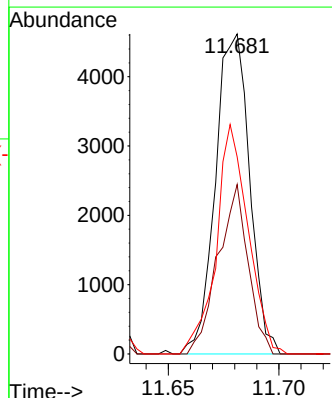
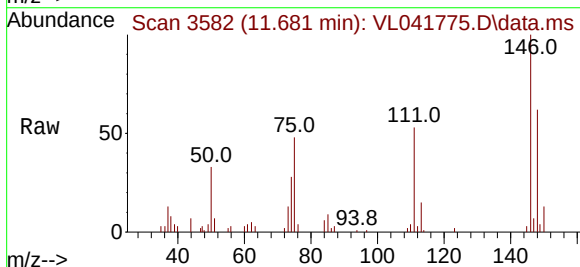
Tgt Ion:146 Resp: 4955

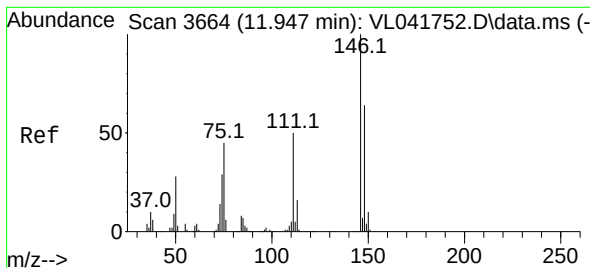
Ion Ratio Lower Upper

146 100

111 46.7 22.7 68.1

148 67.0 31.4 94.0





#77

1,2-Dichlorobenzene

Concen: 0.435 ppbv

RT: 11.953 min Scan# 3

Delta R.T. 0.006 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

ClientSampleId :

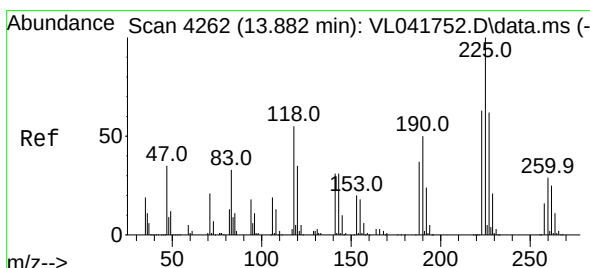
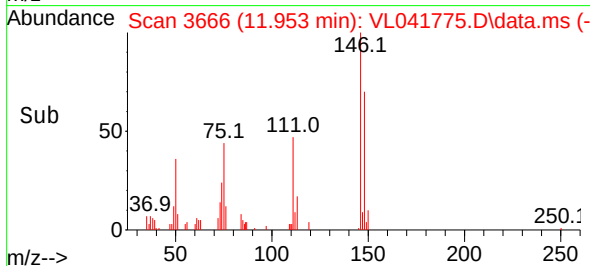
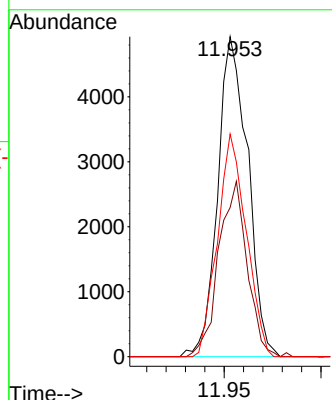
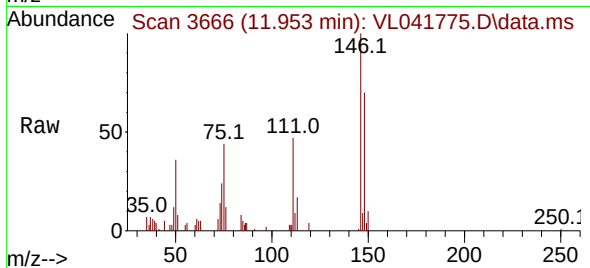
Tgt Ion:146 Resp: 5316

Ion Ratio Lower Upper

146 100

111 52.0 24.8 74.3

148 66.6 31.8 95.4



#78

Hexachloro-1,3-Butadiene

Concen: 0.471 ppbv

RT: 13.889 min Scan# 4264

Delta R.T. 0.006 min

Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

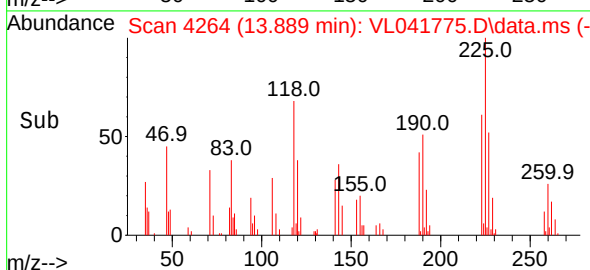
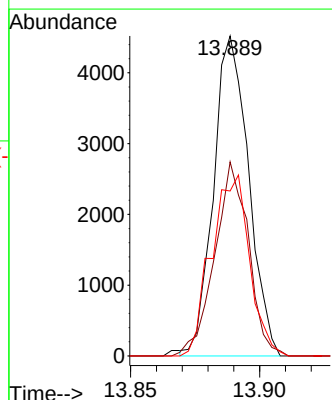
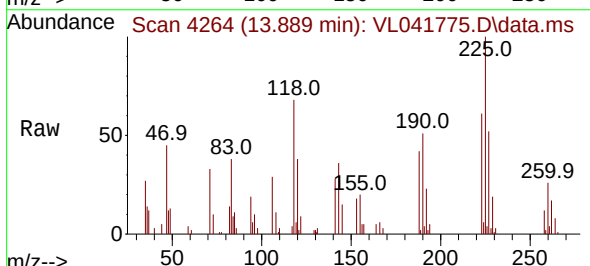
Tgt Ion:225 Resp: 4270

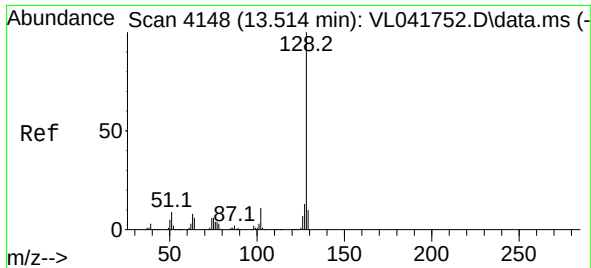
Ion Ratio Lower Upper

225 100

223 58.4 50.5 75.7

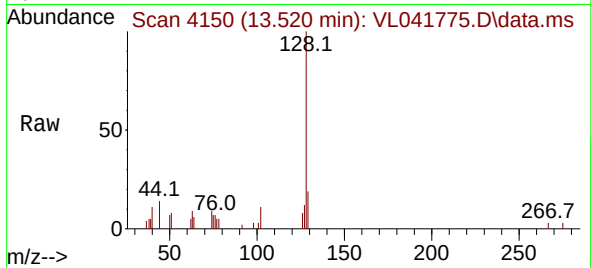
227 61.4 50.3 75.5



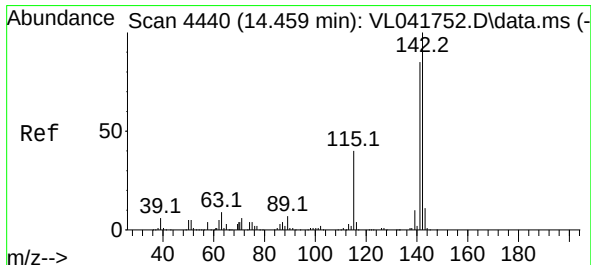
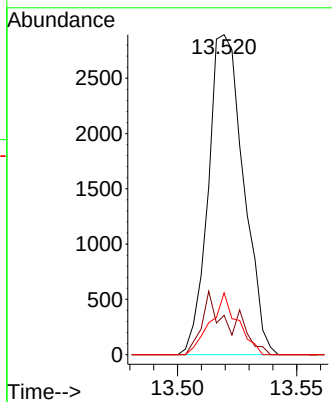
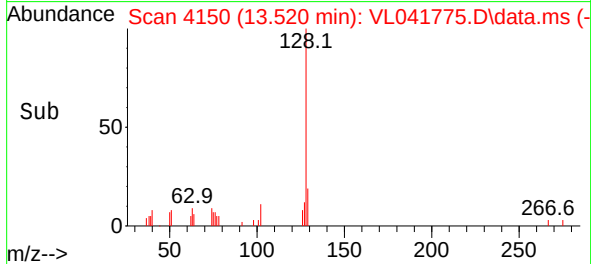


#79
Naphthalene
Concen: 0.215 ppbv
RT: 13.520 min Scan# 4148
Delta R.T. 0.006 min
Lab File: VL041775.D
Acq: 17 Dec 2024 13:10

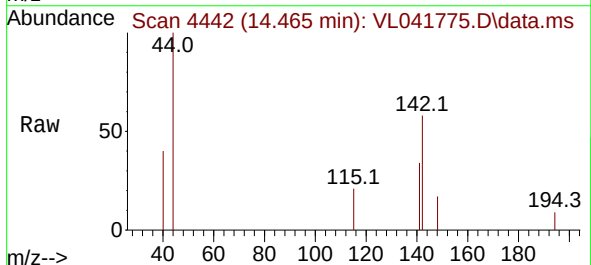
Instrument :
MSVOA_L
ClientSampleId :



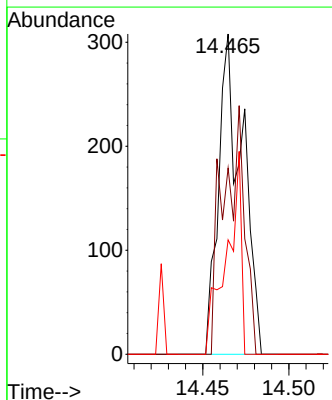
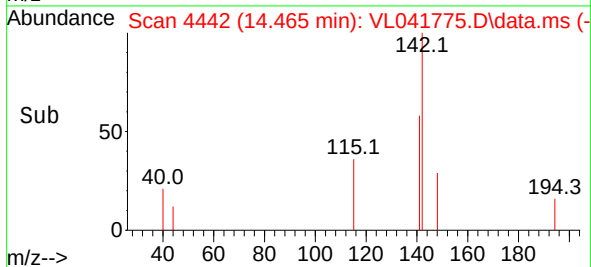
Tgt Ion:128 Resp: 2985
Ion Ratio Lower Upper
128 100
127 12.3 10.7 16.1
129 19.3 8.2 12.4#

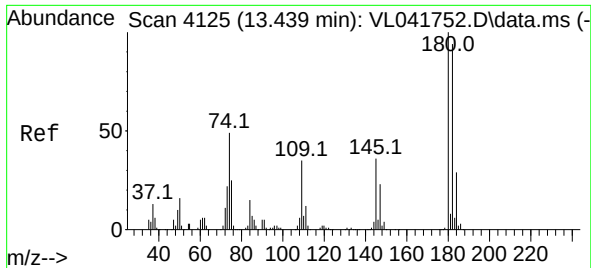


#80
Naphthalene,2-methyl-
Concen: 0.069 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. 0.006 min
Lab File: VL041775.D
Acq: 17 Dec 2024 13:10



Tgt Ion:142 Resp: 297
Ion Ratio Lower Upper
142 100
141 69.0 68.4 102.6
115 39.1 32.5 48.7





#81

1,2,4-Trichlorobenzene

Concen: 0.269 ppbv

RT: 13.448 min Scan# 41

Delta R.T. 0.009 min

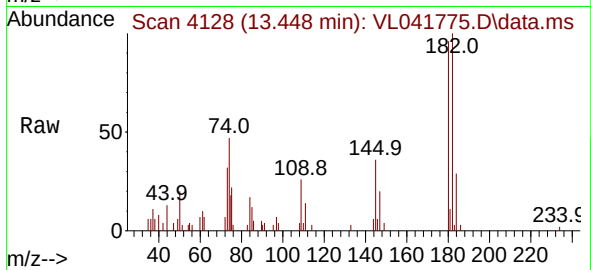
Lab File: VL041775.D

Acq: 17 Dec 2024 13:10

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 2041

Ion Ratio Lower Upper

180 100

182 104.8 77.0 115.6

184 35.2 23.8 35.8

