

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121924\
 Data File : VL041826.D
 Acq On : 19 Dec 2024 18:12
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 20 01:46:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	81973	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	195810	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	170821	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	151852	10.668	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	128564	8.814	ppbv	96
3) Chlorodifluoromethane	1.476	51	124014	9.277	ppbv	99
4) Chloromethane	1.531	50	54185	9.494	ppbv	99
5) Vinyl Chloride	1.580	62	49333	8.580	ppbv	99
6) Bromomethane	1.667	94	22362	8.242	ppbv	99
7) Chloroethane	1.703	64	20385	9.127	ppbv	99
8) Dichlorotetrafluoroethane	1.554	85	117239	8.980	ppbv	95
9) Propene	1.483	41	44369	7.657	ppbv	99
10) Heptane	4.982	43	129369	8.692	ppbv	100
11) Trichlorofluoromethane	1.878	101	138690	8.952	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.140	101	100590	8.536	ppbv	97
13) Ethanol	1.722	45	2539	5.292	ppbv	98
14) Bromoethene	1.781	108	33492	8.419	ppbv	98
15) Acetone	1.836	43	123219	7.726	ppbv	98
16) 1,3-Butadiene	1.609	39	58187	9.265	ppbv	94
17) tert-Butyl alcohol	2.039	59	134728	8.515	ppbv	99
18) 1,1-Dichloroethene	2.033	96	42239	8.550	ppbv	90
19) Isopropyl Alcohol	1.884	45	62464	6.527	ppbv #	38
20) Methylene Chloride	2.059	84	37007	8.137	ppbv	96
21) Allyl Chloride	2.095	41	79151	9.150	ppbv	98
22) trans-1,2-Dichloroethene	2.340	96	46693	8.257	ppbv	98
23) Vinyl Acetate	2.460	43	58292	7.871	ppbv	98
24) 1,1-Dichloroethane	2.408	63	102974	8.995	ppbv	100
25) Ethyl Acetate	2.836	43	267179	9.005	ppbv	99
26) Hexane	2.826	57	97692	8.676	ppbv	94
27) Carbon Disulfide	2.150	76	87443	8.618	ppbv	97
28) Methyl tert-Butyl Ether	2.441	73	68127	7.458	ppbv	98
29) Chloroform	2.849	83	154678	9.014	ppbv	100
30) Cyclohexane	3.858	84	77506	8.090	ppbv	96
31) cis-1,2-Dichloroethene	2.719	61	96075	8.257	ppbv	97
32) 1,1,1-Trichloroethane	3.366	97	146660	8.408	ppbv	97
34) 2-Butanone	2.557	43	149934	9.518	ppbv	97
35) Carbon Tetrachloride	3.765	117	151276	10.883	ppbv	98
36) Benzene	3.658	78	191005	9.430	ppbv	99
37) 1,2-Dichloroethane	3.218	62	122824	9.745	ppbv	100
38) Trichloroethene	4.548	130	71818	8.353	ppbv	94
39) 1,2-Dichloropropane	4.312	63	69067	9.428	ppbv	94
40) 1,4-Dioxane	4.583	88	29082	8.127	ppbv #	93
41) Tetrahydrofuran	3.056	42	82140	9.307	ppbv	97
42) Bromodichloromethane	4.490	83	148108	10.215	ppbv	95
43) Methyl Methacrylate	4.881	69	69240	8.972	ppbv	97
44) 2,2,4-Trimethylpentane	4.645	57	341613	9.876	ppbv	97
45) t-1,3-Dichloropropene	6.419	75	61532	7.708	ppbv	95

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 ALS Vial : 1 Sample Multiplier: 1

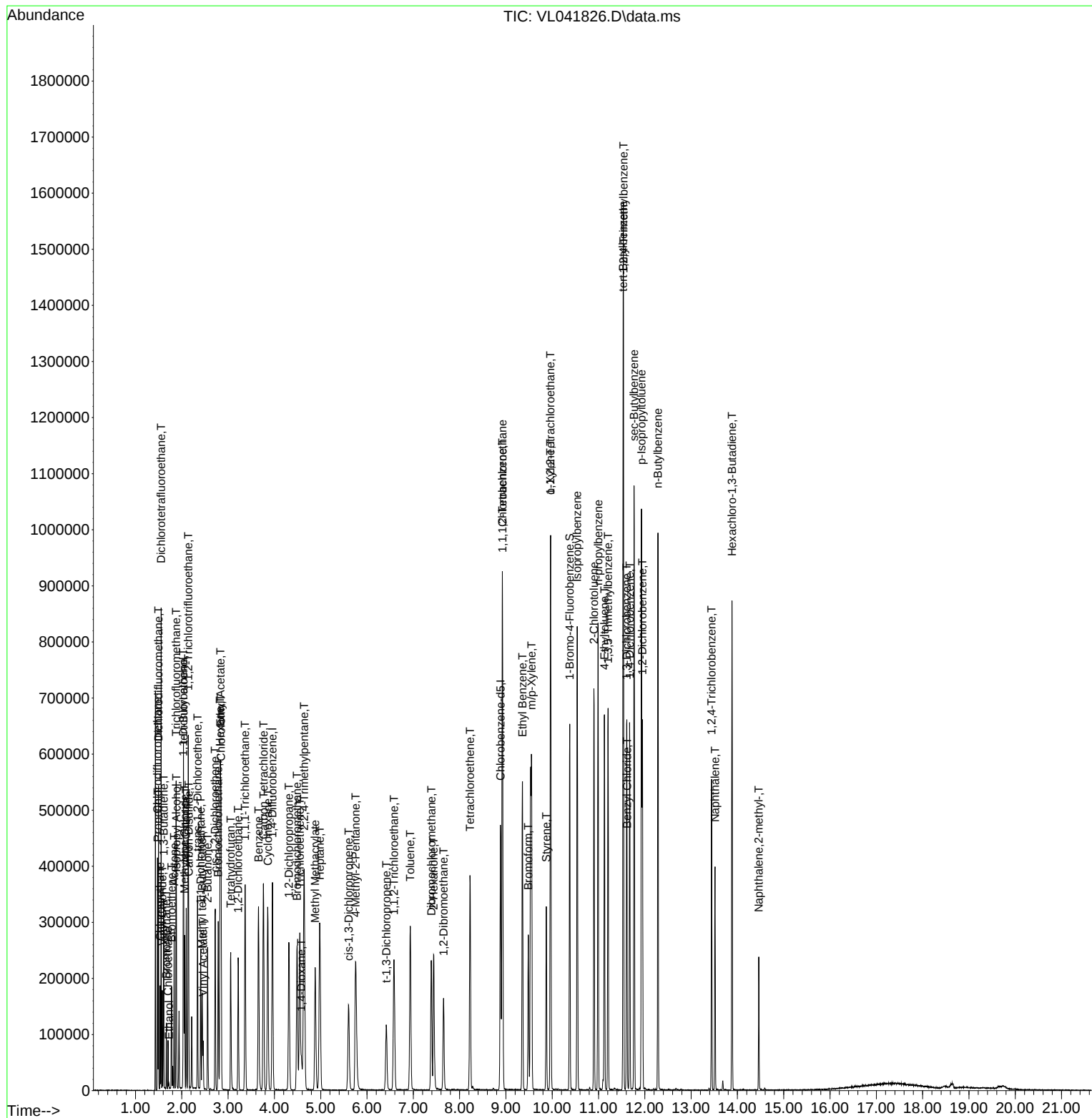
Instrument :
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 ClientSampleId :

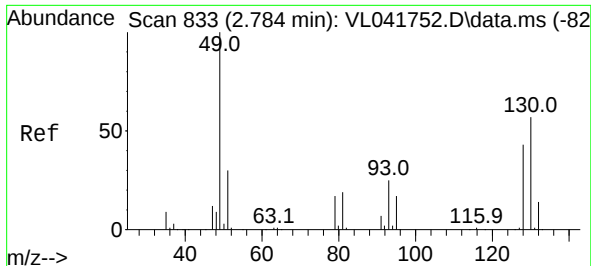
Quant Time: Dec 20 01:46:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	82960	8.187	ppbv	98
47) 1,1,2-Trichloroethane	6.584	97	71698	9.370	ppbv	92
48) Dibromochloromethane	7.390	129	104455	9.998	ppbv	99
49) Bromoform	9.484	173	84333	9.861	ppbv	100
50) 4-Methyl-2-Pentanone	5.755	43	208182	9.706	ppbv	98
51) 2-Hexanone	7.438	43	162066	9.322	ppbv #	96
52) Tetrachloroethene	8.225	164	59727	7.922	ppbv	96
53) Toluene	6.933	91	197327	8.593	ppbv	99
54) 1,2-Dibromoethane	7.655	107	96675	9.170	ppbv	95
56) 1,1,1,2-Tetrachloroethane	8.927	131	93296	10.302	ppbv	98
57) Chlorobenzene	8.924	112	164430	9.407	ppbv	98
58) Ethyl Benzene	9.358	91	286262	9.308	ppbv	100
59) m/p-Xylene	9.552	91	203546	8.231	ppbv #	100
60) o-Xylene	9.963	91	239050	9.640	ppbv	99
61) Styrene	9.872	104	95865	8.941	ppbv	99
62) Isopropylbenzene	10.539	105	355098	9.531	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.963	83	151287	9.747	ppbv	98
64) n-propylbenzene	10.992	120	88168	9.360	ppbv	98
65) tert-Butylbenzene	11.533	119	309956	9.221	ppbv	99
66) Benzyl Chloride	11.617	91	19715	6.659	ppbv	98
67) sec-Butylbenzene	11.769	105	433396	9.318	ppbv	99
69) p-Isopropyltoluene	11.927	119	344944	8.999	ppbv	100
70) n-Butylbenzene	12.283	91	328535	8.870	ppbv	99
71) 2-Chlorotoluene	10.901	91	253504	8.914	ppbv	100
72) 4-Ethyltoluene	11.128	105	272476	9.309	ppbv	99
73) 1,3,5-Trimethylbenzene	11.206	105	234493	9.656	ppbv	99
74) 1,2,4-Trimethylbenzene	11.539	105	253321	9.701	ppbv	98
75) 1,3-Dichlorobenzene	11.607	146	141418	8.494	ppbv	99
76) 1,4-Dichlorobenzene	11.672	146	140230	8.526	ppbv	99
77) 1,2-Dichlorobenzene	11.947	146	138822	8.666	ppbv	98
78) Hexachloro-1,3-Butadiene	13.882	225	79337	6.679	ppbv	98
79) Naphthalene	13.517	128	166272	9.138	ppbv	99
80) Naphthalene,2-methyl-	14.462	142	53906	9.578	ppbv	99
81) 1,2,4-Trichlorobenzene	13.442	180	78774	7.923	ppbv	99

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

Quant Time: Dec 20 01:46:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration

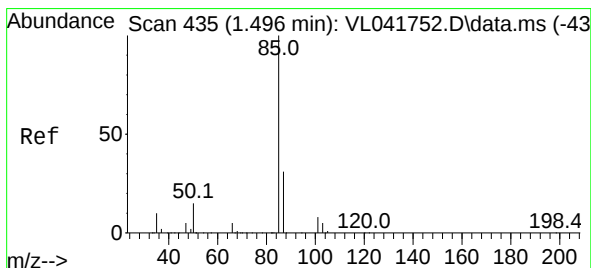
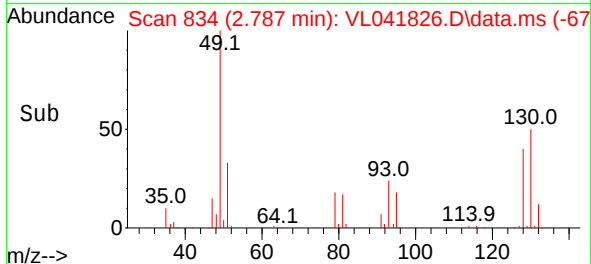
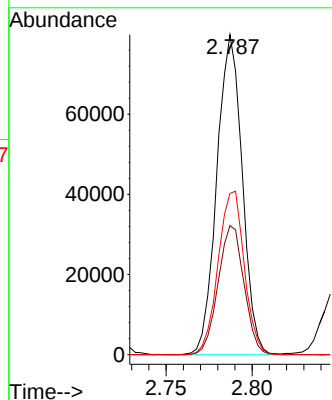
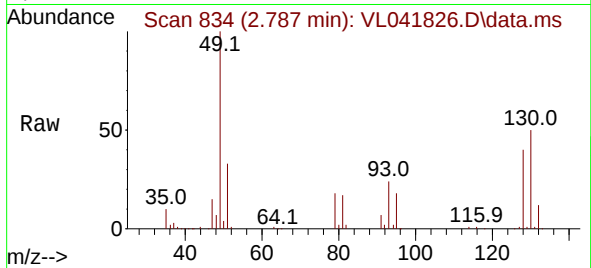




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. 0.003 min
Lab File: VL041826.D
Acq: 19 Dec 2024 18:12

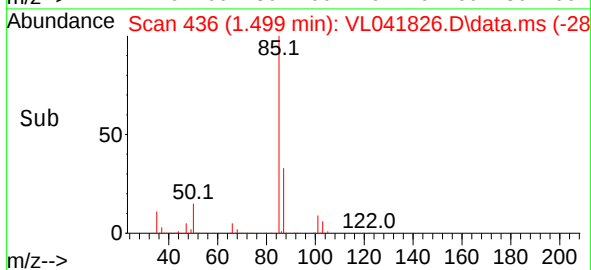
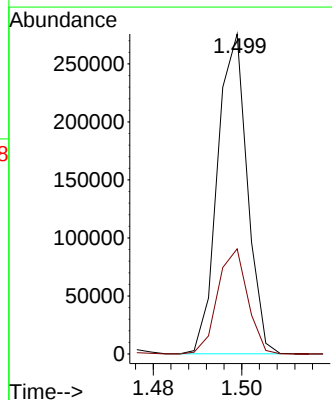
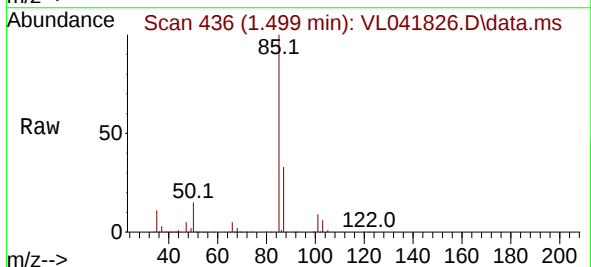
Instrument :
MSVOA_L
ClientSampleId :

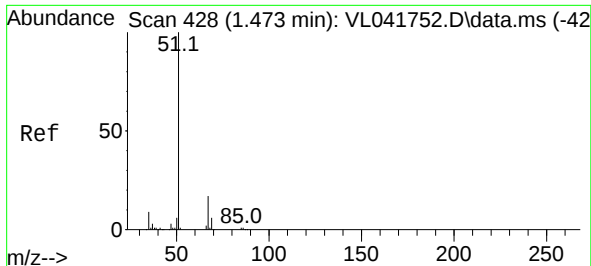
Tgt Ion: 49 Resp: 81973
Ion Ratio Lower Upper
49 100
128 41.0 21.6 64.6
130 52.7 28.3 85.0



#2
Dichlorodifluoromethane
Concen: 8.814 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041826.D
Acq: 19 Dec 2024 18:12

Tgt Ion: 85 Resp: 128564
Ion Ratio Lower Upper
85 100
87 32.9 24.5 36.7

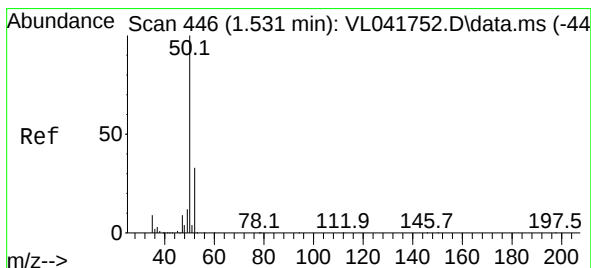
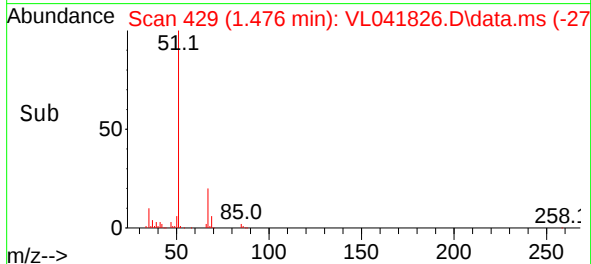
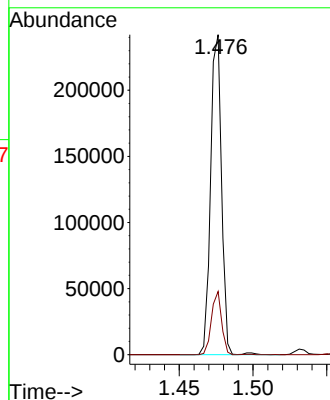
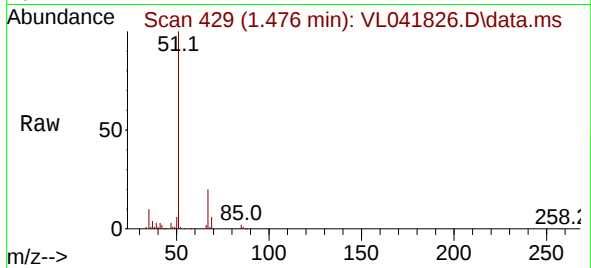




#3
Chlorodifluoromethane
Concen: 9.277 ppbv
RT: 1.476 min Scan# 428
Delta R.T. 0.003 min
Lab File: VL041826.D
Acq: 19 Dec 2024 18:12

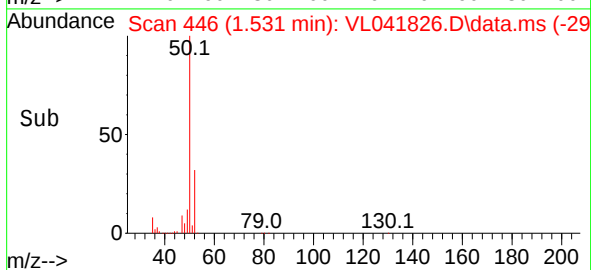
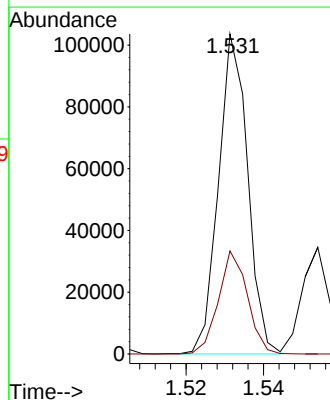
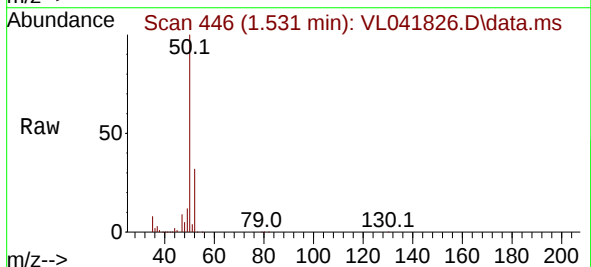
Instrument :
MSVOA_L
ClientSampleId :

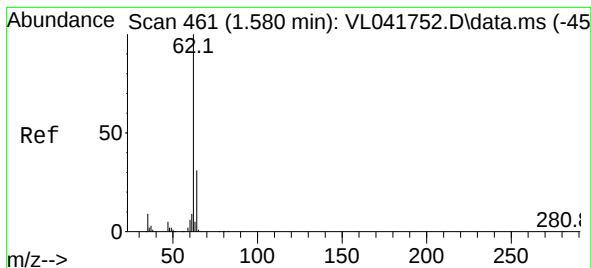
Tgt Ion: 51 Resp: 124014
Ion Ratio Lower Upper
51 100
67 18.4 15.0 22.4



#4
Chloromethane
Concen: 9.494 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL041826.D
Acq: 19 Dec 2024 18:12

Tgt Ion: 50 Resp: 54185
Ion Ratio Lower Upper
50 100
52 32.2 26.2 39.2





#5

Vinyl Chloride

Concen: 8.580 ppbv

RT: 1.580 min Scan# 4

Delta R.T. -0.000 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

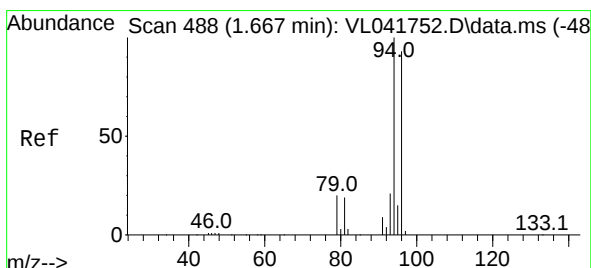
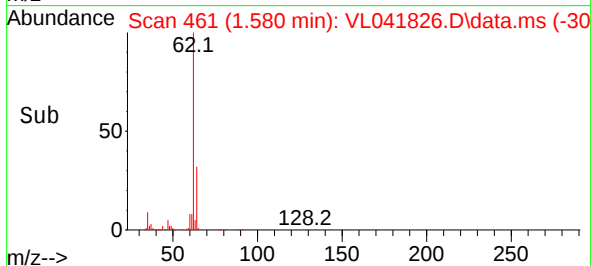
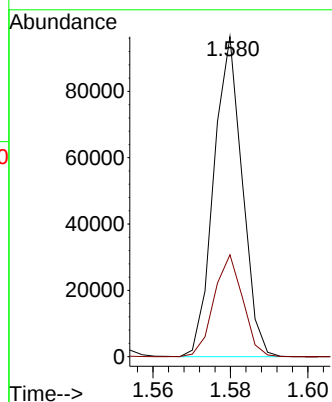
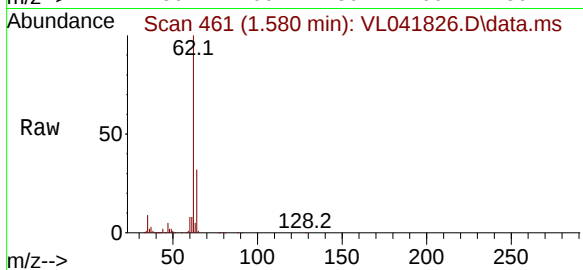
ClientSampleId :

Tgt Ion: 62 Resp: 49333

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7



#6

Bromomethane

Concen: 8.242 ppbv

RT: 1.667 min Scan# 488

Delta R.T. -0.000 min

Lab File: VL041826.D

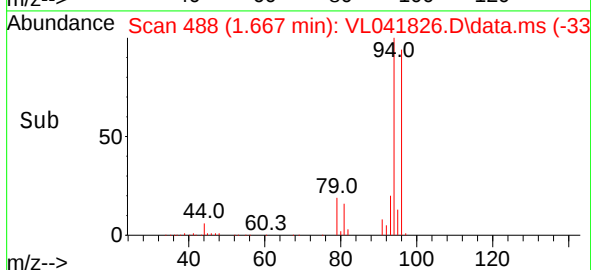
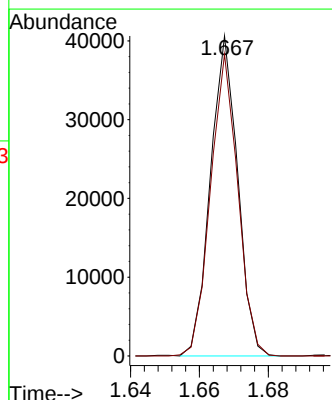
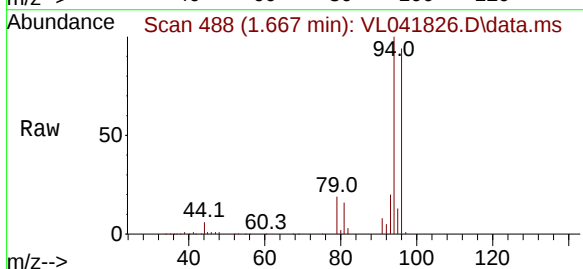
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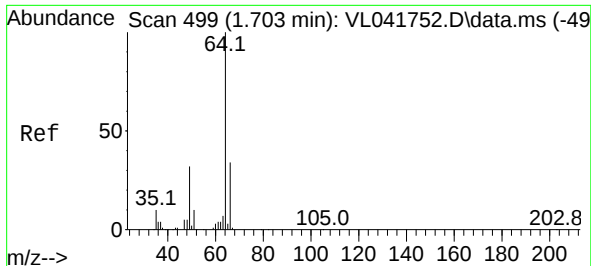
Tgt Ion: 94 Resp: 22362

Ion Ratio Lower Upper

94 100

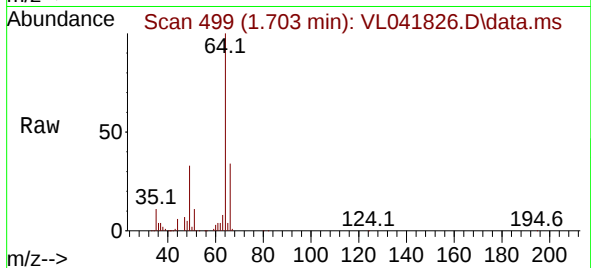
96 94.3 74.7 112.1



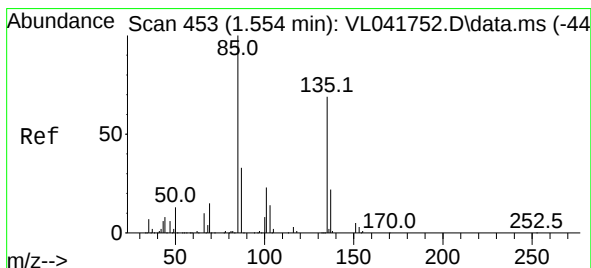
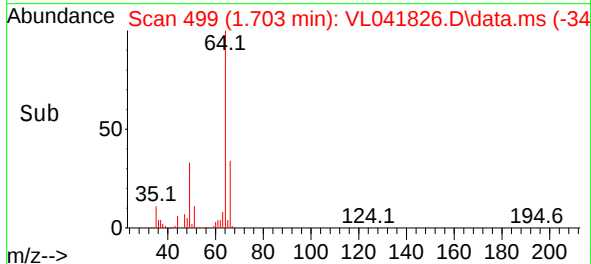
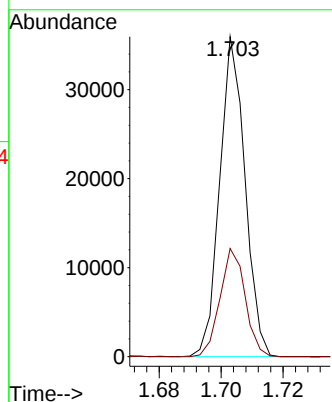


#7
Chloroethane
Concen: 9.127 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.000 min
Lab File: VL041826.D
Acq: 19 Dec 2024 18:12

Instrument :
MSVOA_1
ClientSampleId :

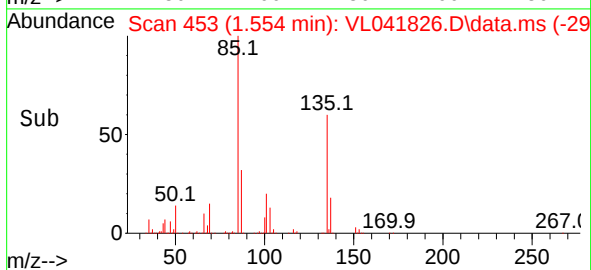
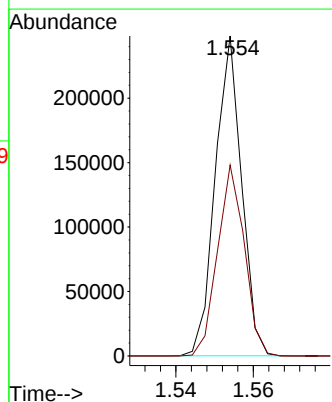
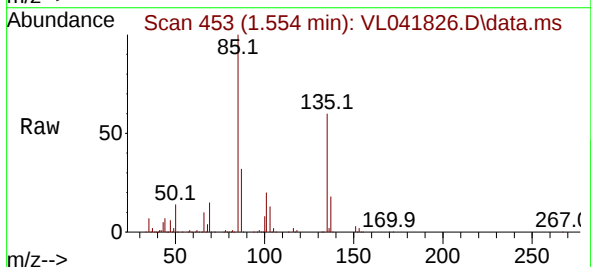


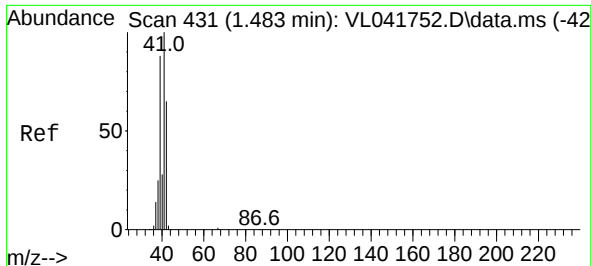
Tgt Ion: 64 Resp: 20385
Ion Ratio Lower Upper
64 100
66 33.8 27.5 41.3



#8
Dichlorotetrafluoroethane
Concen: 8.980 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL041826.D
Acq: 19 Dec 2024 18:12

Tgt Ion: 85 Resp: 117239
Ion Ratio Lower Upper
85 100
135 60.9 51.9 77.9





#9

Propene

Concen: 7.657 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

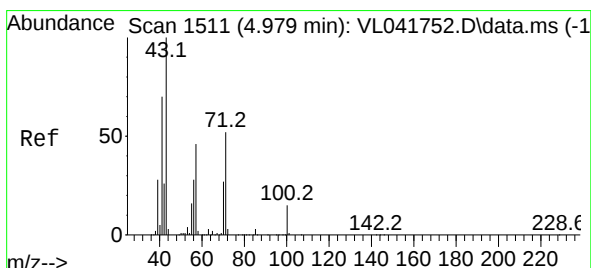
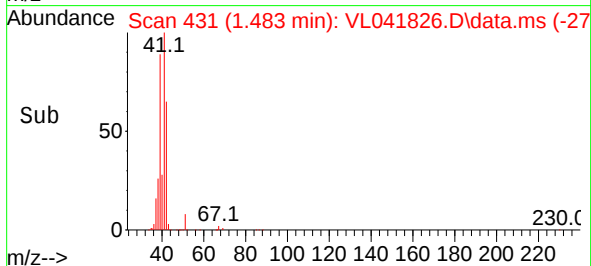
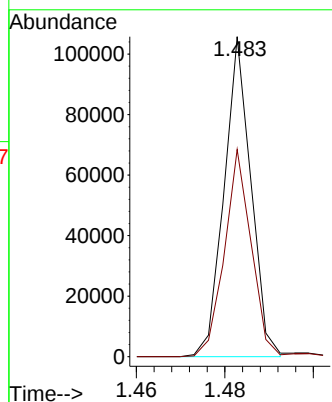
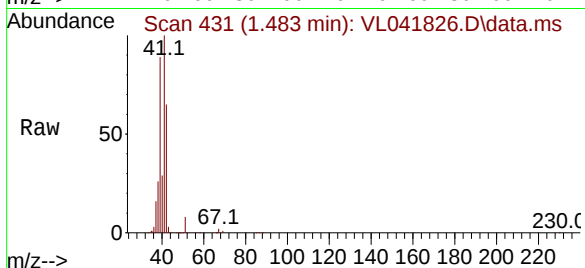
ClientSampleId :

Tgt Ion: 41 Resp: 44369

Ion Ratio Lower Upper

41 100

42 66.3 52.4 78.6



#10

Heptane

Concen: 8.692 ppbv

RT: 4.982 min Scan# 1512

Delta R.T. 0.003 min

Lab File: VL041826.D

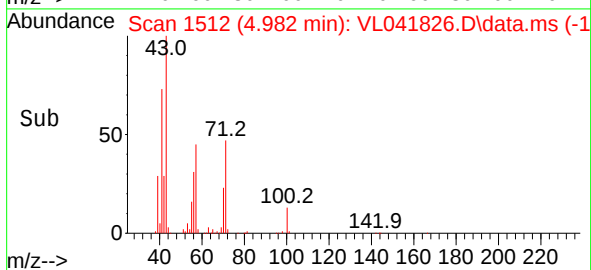
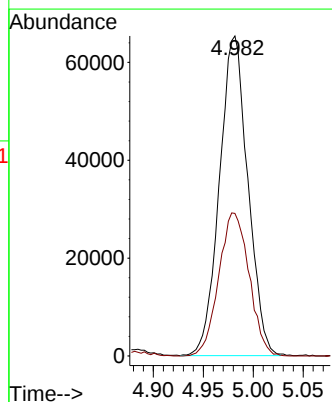
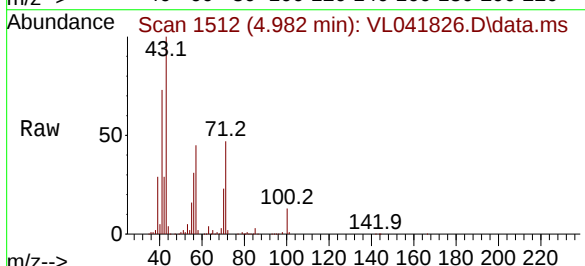
Acq: 19 Dec 2024 18:12

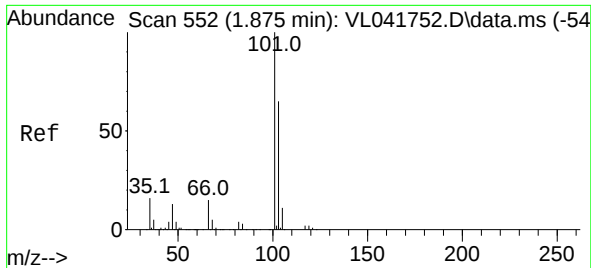
Tgt Ion: 43 Resp: 129369

Ion Ratio Lower Upper

43 100

57 47.8 38.5 57.7





#11

Trichlorofluoromethane

Concen: 8.952 ppbv

RT: 1.878 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

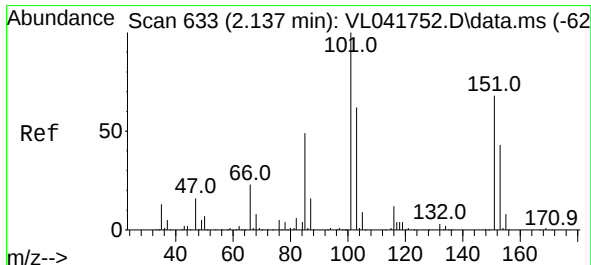
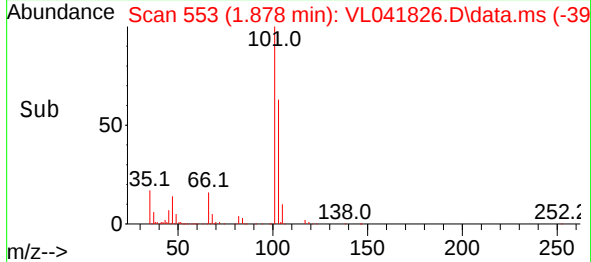
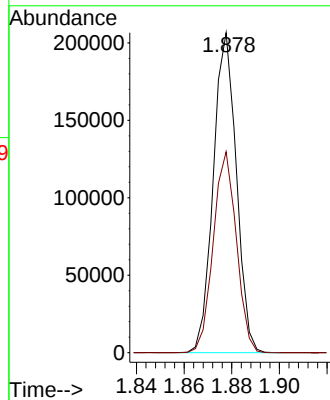
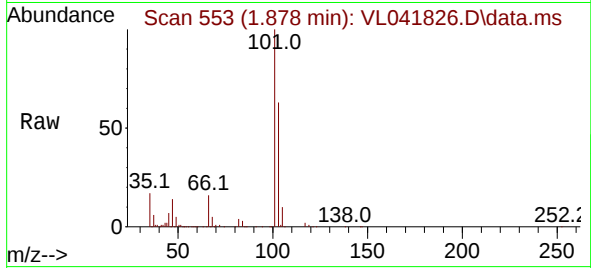
ClientSampleId :

Tgt Ion:101 Resp: 138690

Ion Ratio Lower Upper

101 100

103 62.8 51.8 77.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 8.536 ppbv

RT: 2.140 min Scan# 634

Delta R.T. 0.003 min

Lab File: VL041826.D

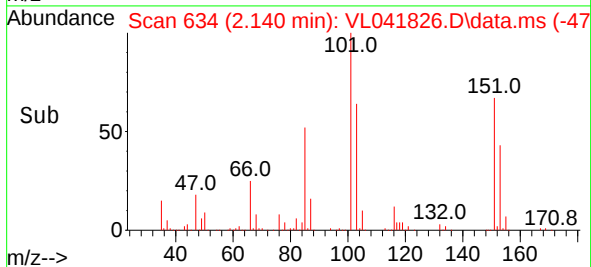
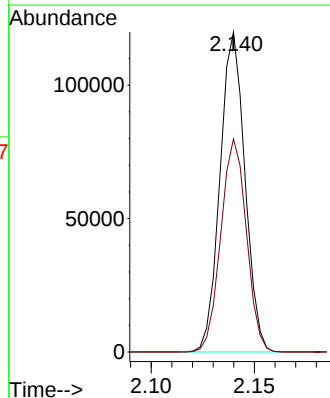
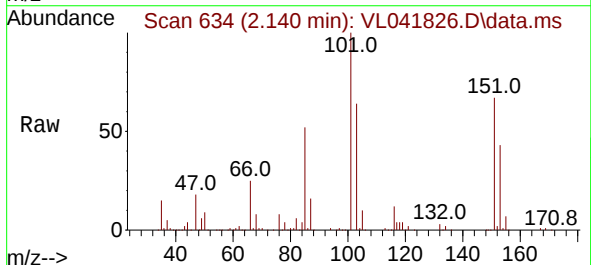
Acq: 19 Dec 2024 18:12

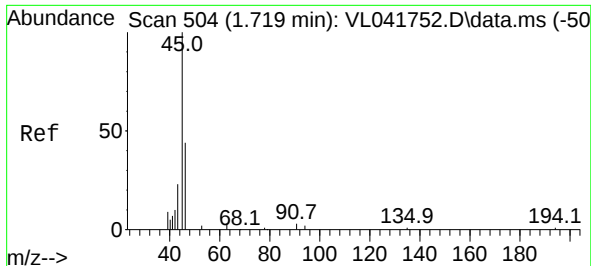
Tgt Ion:101 Resp: 100590

Ion Ratio Lower Upper

101 100

151 68.3 56.8 85.2





#13

Ethanol

Concen: 5.292 ppbv

RT: 1.722 min Scan# 504

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

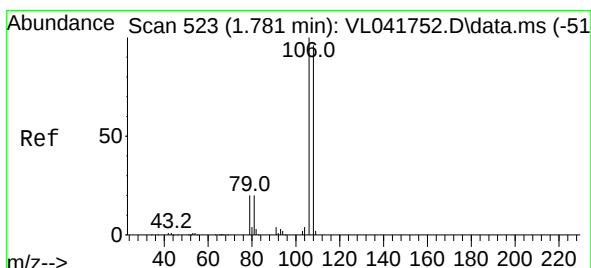
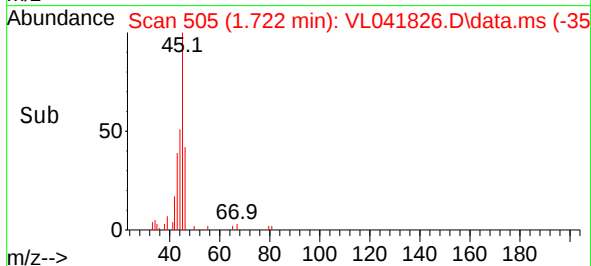
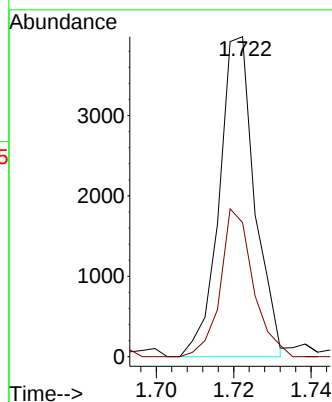
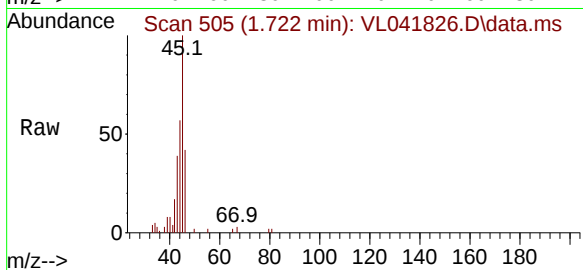
ClientSampleId :

Tgt Ion: 45 Resp: 2539

Ion Ratio Lower Upper

45 100

46 42.5 16.4 65.8



#14

Bromoethene

Concen: 8.419 ppbv

RT: 1.781 min Scan# 523

Delta R.T. -0.000 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

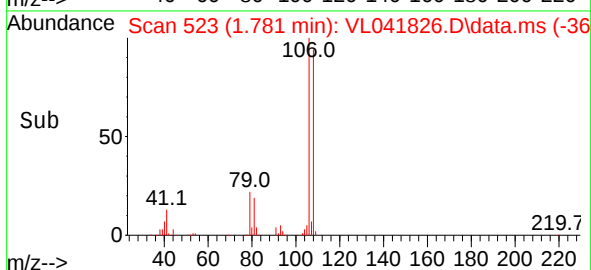
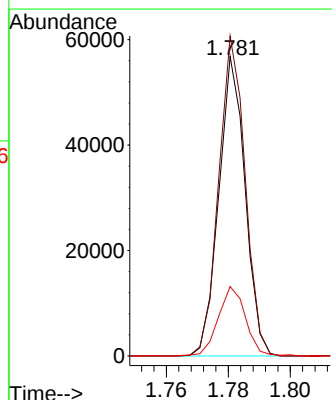
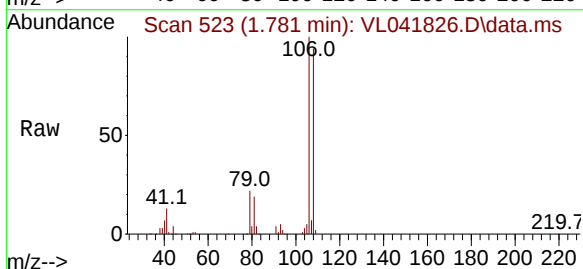
Tgt Ion:108 Resp: 33492

Ion Ratio Lower Upper

108 100

106 107.0 84.1 126.1

79 24.3 17.4 26.0

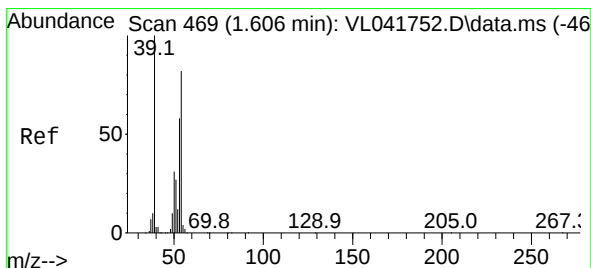
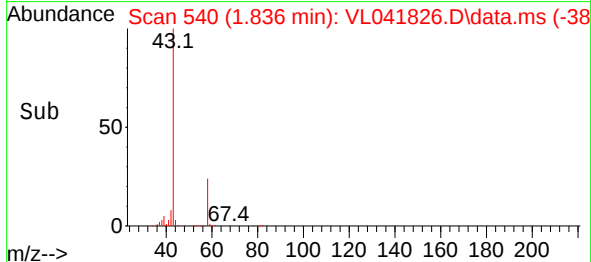
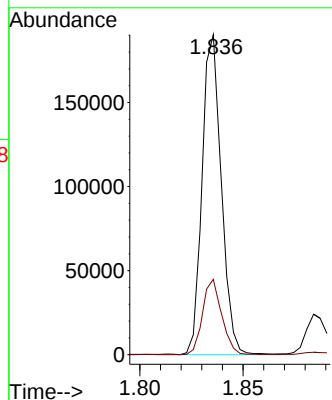
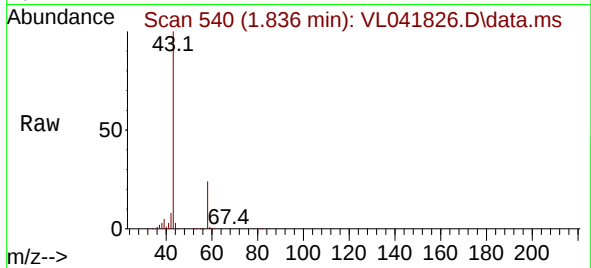




#15
Acetone
Concen: 7.726 ppbv
RT: 1.836 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL041826.D
Acq: 19 Dec 2024 18:12

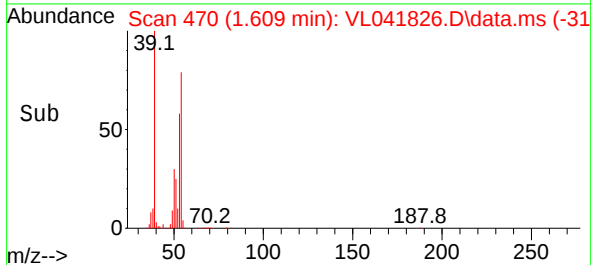
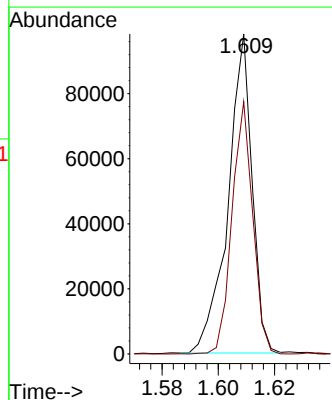
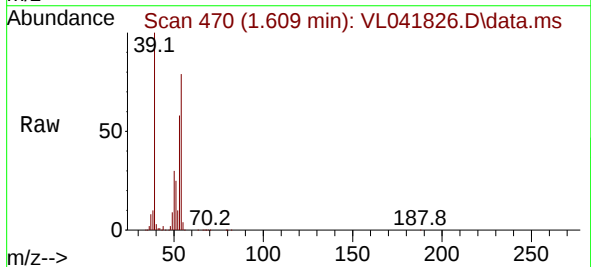
Instrument :
MSVOA_L
ClientSampleId :

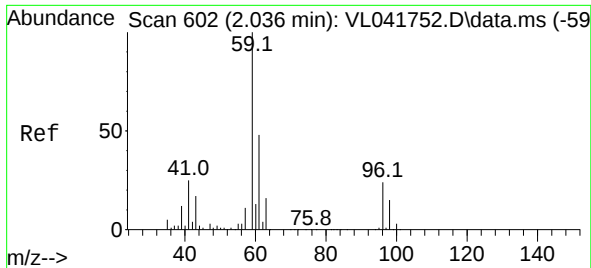
Tgt Ion: 43 Resp: 123219
Ion Ratio Lower Upper
43 100
58 23.4 19.7 29.5



#16
1,3-Butadiene
Concen: 9.265 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.003 min
Lab File: VL041826.D
Acq: 19 Dec 2024 18:12

Tgt Ion: 39 Resp: 58187
Ion Ratio Lower Upper
39 100
54 68.3 58.4 87.6





#17

tert-Butyl alcohol

Concen: 8.515 ppbv

RT: 2.039 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

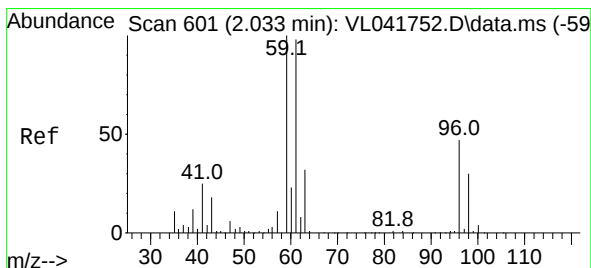
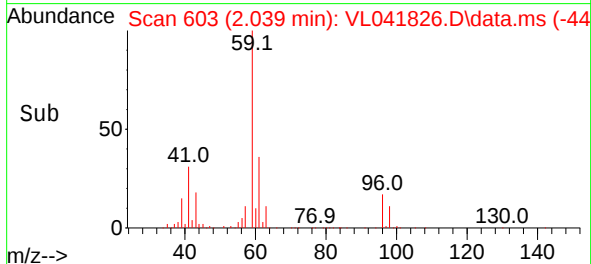
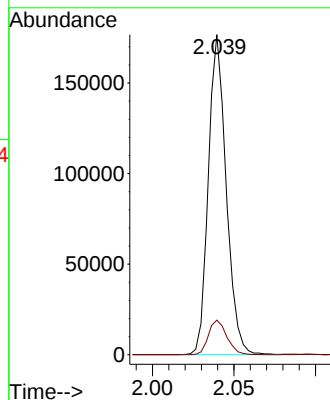
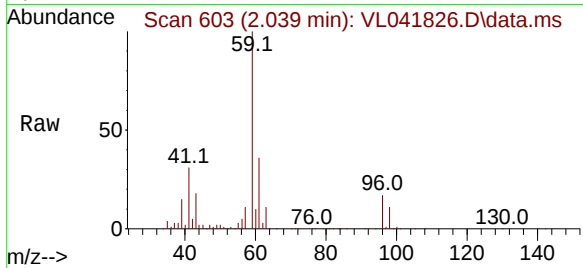
ClientSampleId :

Tgt Ion: 59 Resp: 134728

Ion Ratio Lower Upper

59 100

57 11.0 8.6 13.0



#18

1,1-Dichloroethene

Concen: 8.550 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.000 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

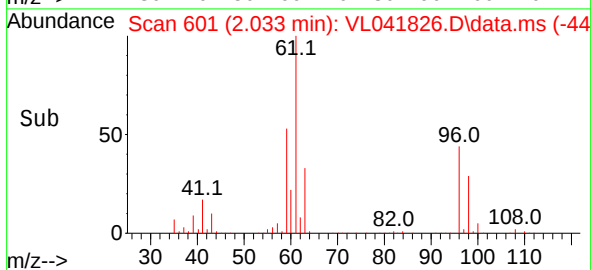
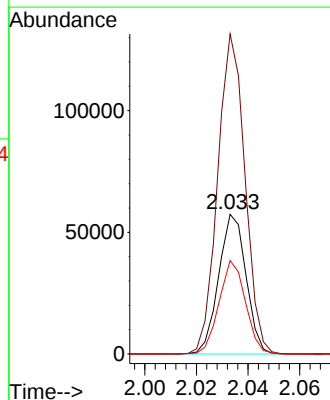
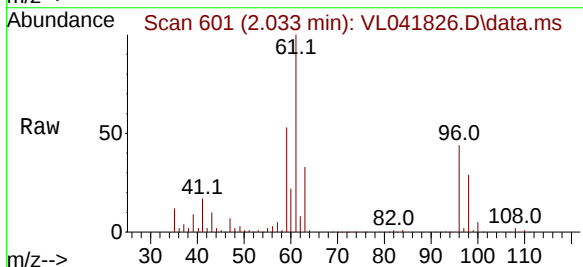
Tgt Ion: 96 Resp: 42239

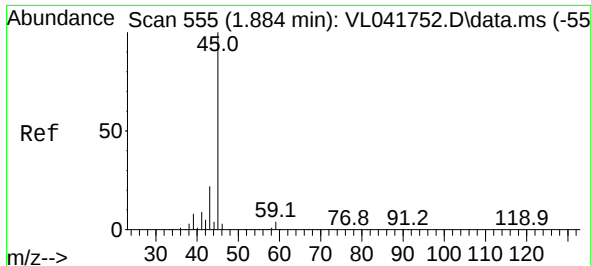
Ion Ratio Lower Upper

96 100

61 229.1 167.7 251.5

98 66.9 51.1 76.7





#19

Isopropyl Alcohol

Concen: 6.527 ppbv

RT: 1.884 min Scan# 555

Delta R.T. -0.000 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

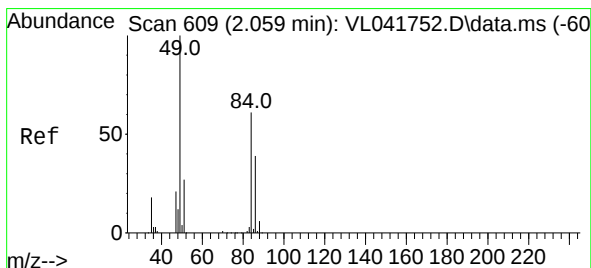
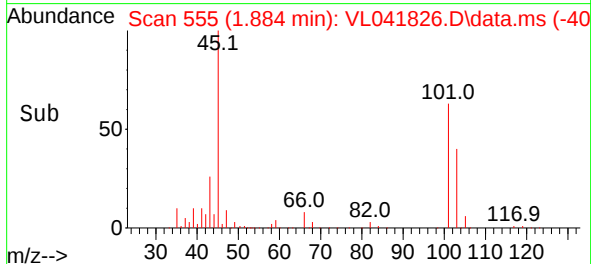
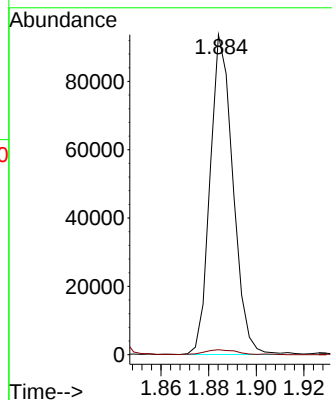
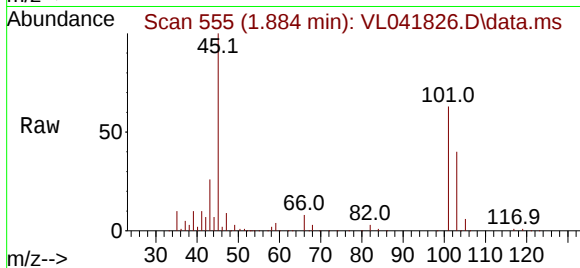
ClientSampleId :

Tgt Ion: 45 Resp: 62464

Ion Ratio Lower Upper

45 100

58 2.3 33.3 49.9#



#20

Methylene Chloride

Concen: 8.137 ppbv

RT: 2.059 min Scan# 609

Delta R.T. -0.000 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Tgt Ion: 84 Resp: 37007

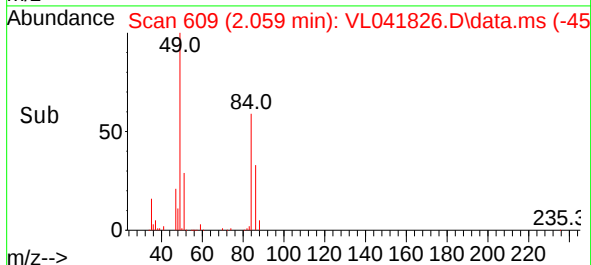
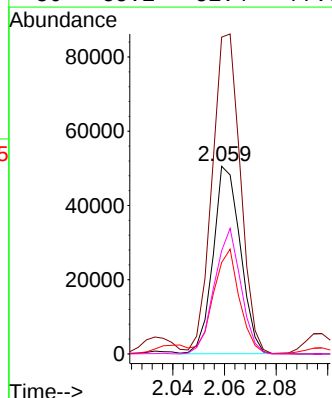
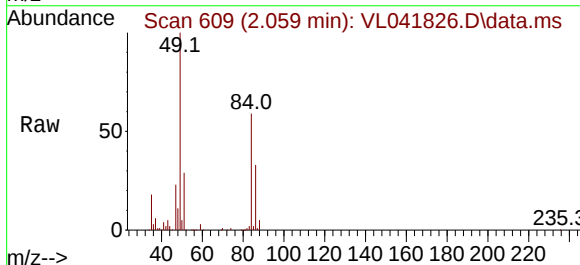
Ion Ratio Lower Upper

84 100

49 168.7 132.6 198.8

51 48.6 37.6 56.4

86 55.1 51.4 77.0





#21

Allyl Chloride

Concen: 9.150 ppbv

RT: 2.095 min Scan# 61

Delta R.T. -0.000 min

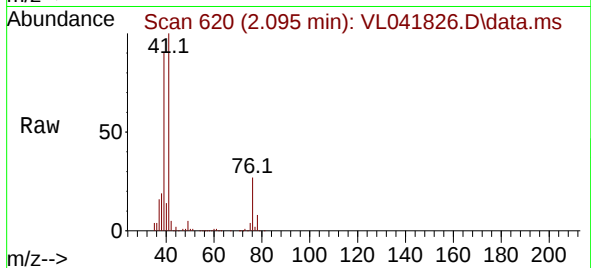
Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

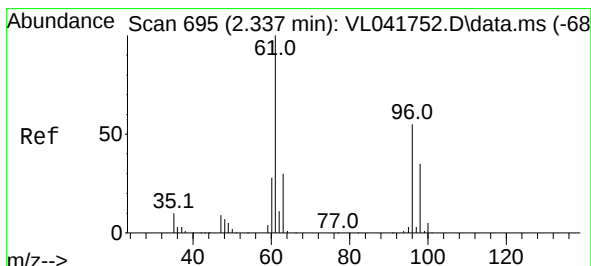
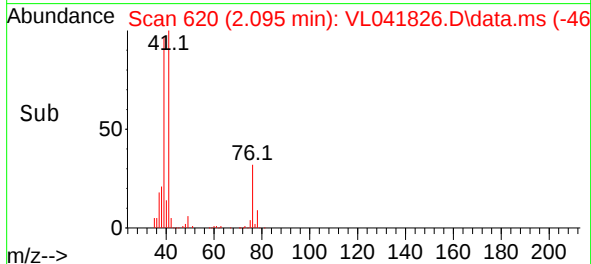
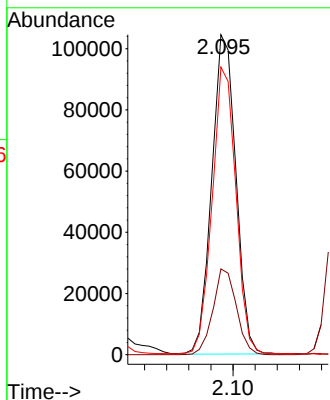
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	41	Resp:	79151
Ion Ratio	Lower	Upper	
41	100		
76	26.1	22.3	33.5
39	88.3	69.2	103.8



#22

trans-1,2-Dichloroethene

Concen: 8.257 ppbv

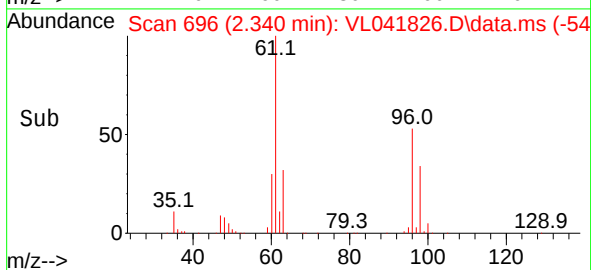
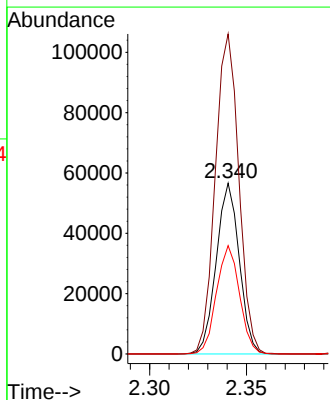
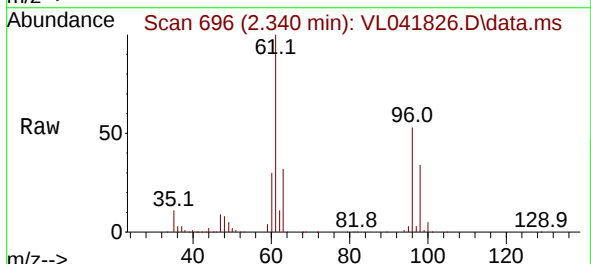
RT: 2.340 min Scan# 696

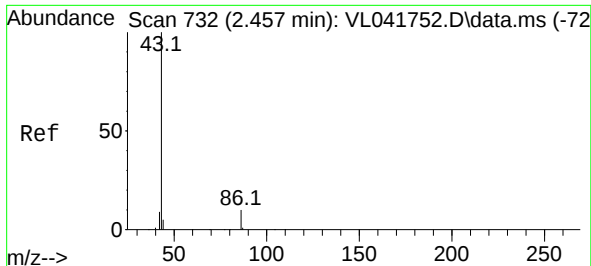
Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Tgt Ion:	96	Resp:	46693
Ion Ratio	Lower	Upper	
96	100		
61	187.4	146.3	219.5
98	63.5	50.8	76.2

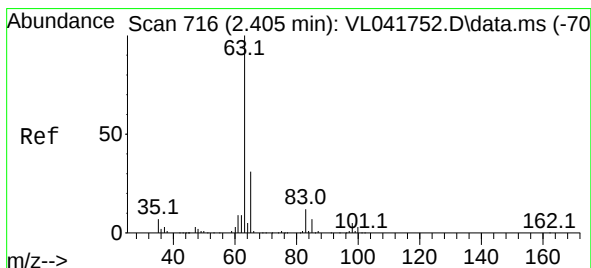
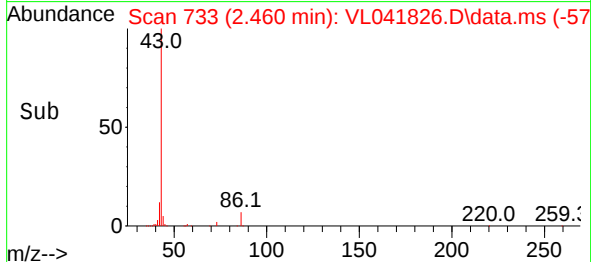
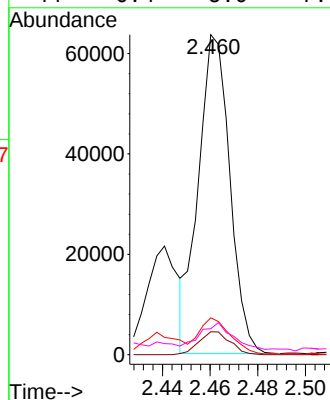
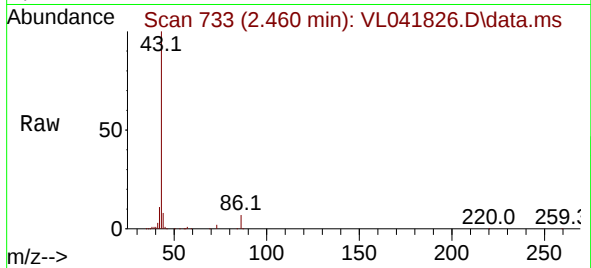




#23
 Vinyl Acetate
 Concen: 7.871 ppbv
 RT: 2.460 min Scan# 717
 Delta R.T. 0.003 min
 Lab File: VL041826.D
 Acq: 19 Dec 2024 18:12

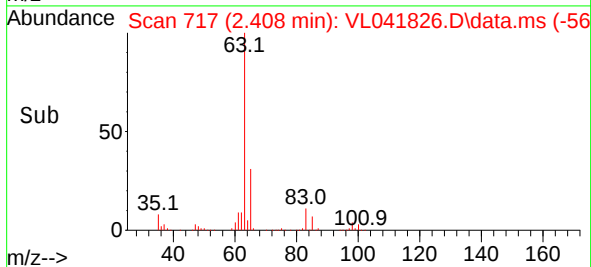
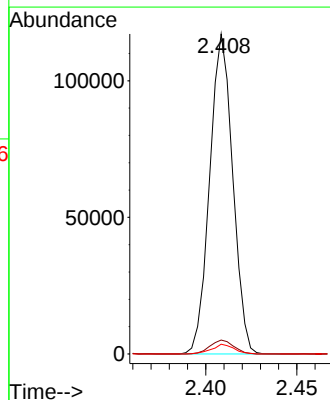
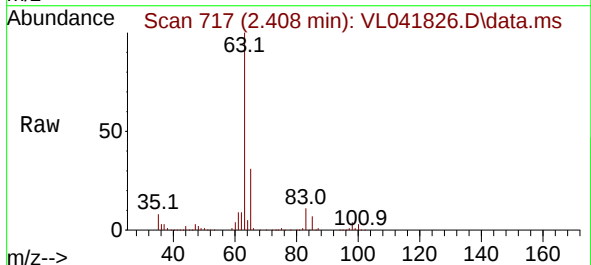
Instrument :
 MSVOA_L
 ClientSampleId :

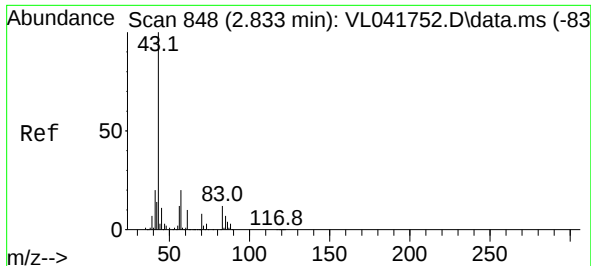
Tgt Ion:	43	Resp:	58292
Ion	Ratio	Lower	Upper
43	100		
86	7.2	6.6	10.0
42	11.3	8.2	12.2
44	6.4	5.0	7.4



#24
 1,1-Dichloroethane
 Concen: 8.995 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. 0.003 min
 Lab File: VL041826.D
 Acq: 19 Dec 2024 18:12

Tgt Ion:	63	Resp:	102974
Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.3	6.8
100	3.0	1.4	4.2





#25

Ethyl Acetate

Concen: 9.005 ppbv

RT: 2.836 min Scan# 84

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 267179

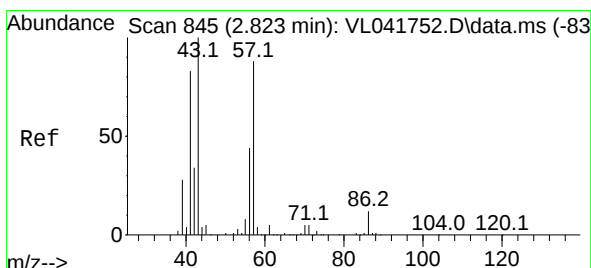
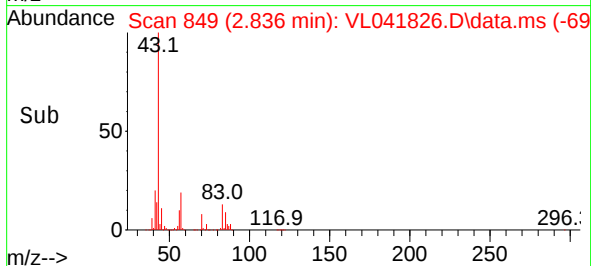
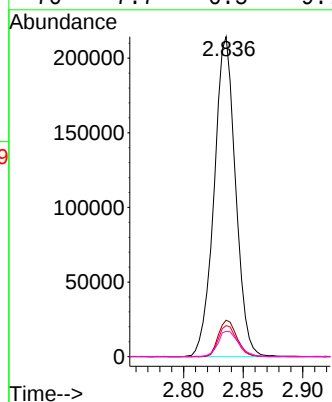
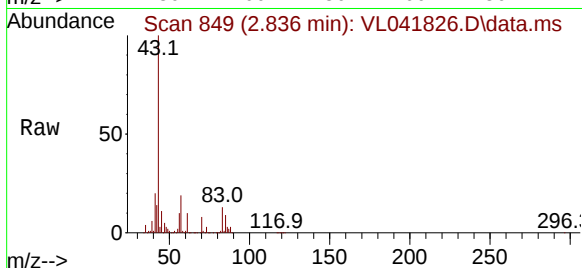
Ion Ratio Lower Upper

43 100

45 10.0 8.1 12.1

61 8.5 7.0 10.6

70 7.7 6.5 9.7



#26

Hexane

Concen: 8.676 ppbv

RT: 2.826 min Scan# 846

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Tgt Ion: 57 Resp: 97692

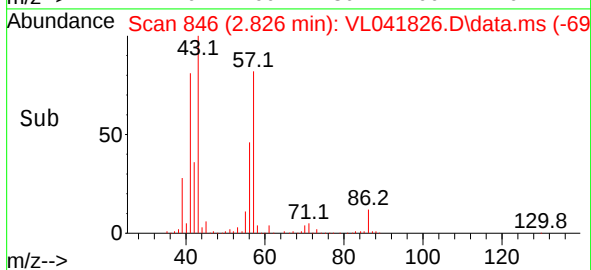
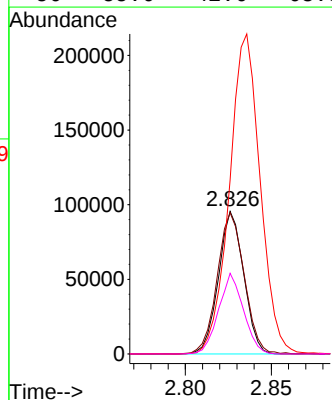
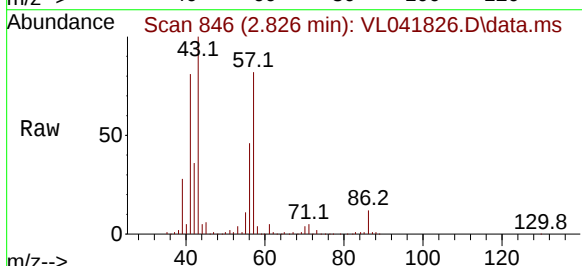
Ion Ratio Lower Upper

57 100

41 106.5 79.6 119.4

43 273.6 211.0 316.6

56 55.6 42.6 63.8





#27

Carbon Disulfide

Concen: 8.618 ppbv

RT: 2.150 min Scan# 61

Delta R.T. -0.000 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

ClientSampleId :

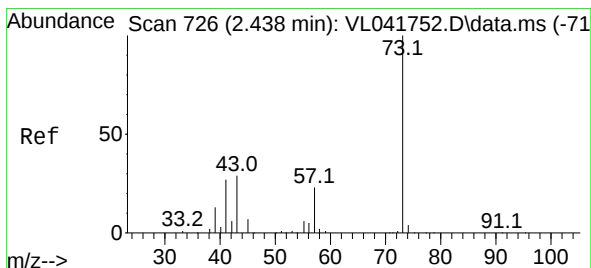
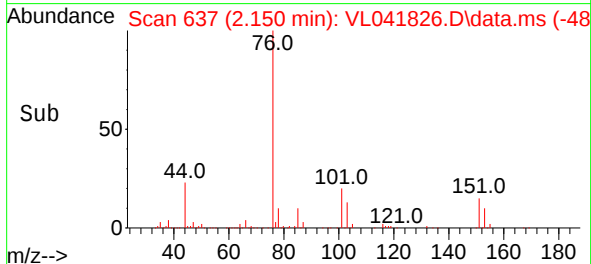
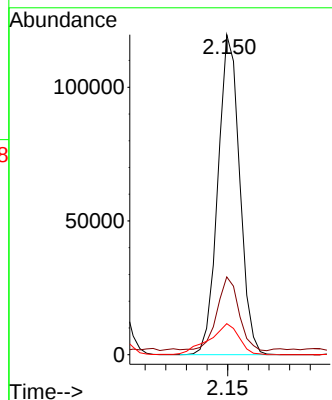
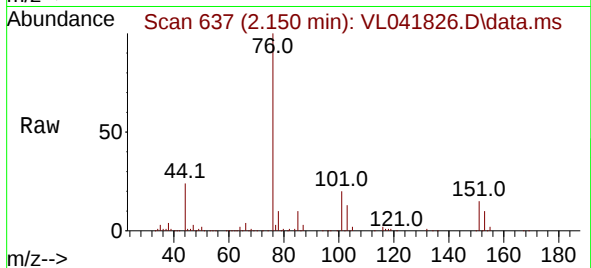
Tgt Ion: 76 Resp: 87443

Ion Ratio Lower Upper

76 100

44 24.0 17.6 26.4

78 13.3 10.2 15.4



#28

Methyl tert-Butyl Ether

Concen: 7.458 ppbv

RT: 2.441 min Scan# 727

Delta R.T. 0.003 min

Lab File: VL041826.D

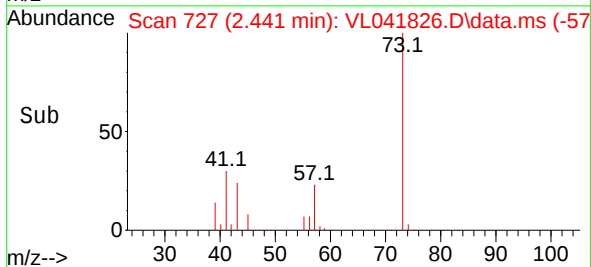
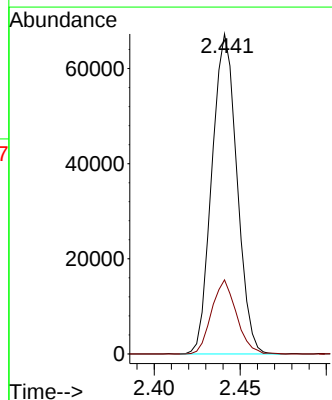
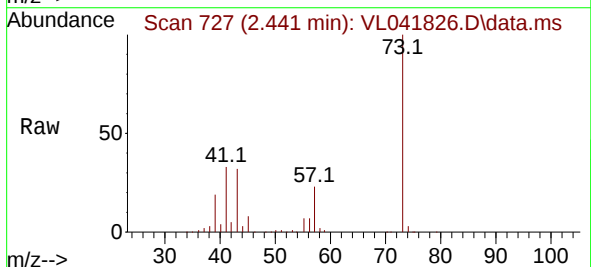
Acq: 19 Dec 2024 18:12

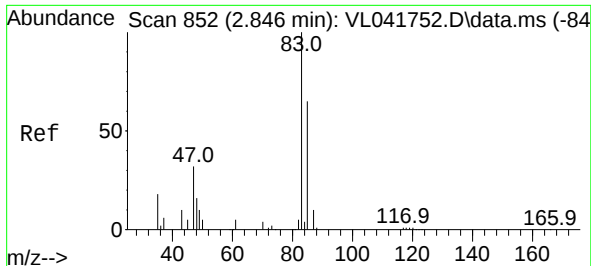
Tgt Ion: 73 Resp: 68127

Ion Ratio Lower Upper

73 100

57 23.0 17.6 26.4





#29

Chloroform

Concen: 9.014 ppbv

RT: 2.849 min Scan# 85

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

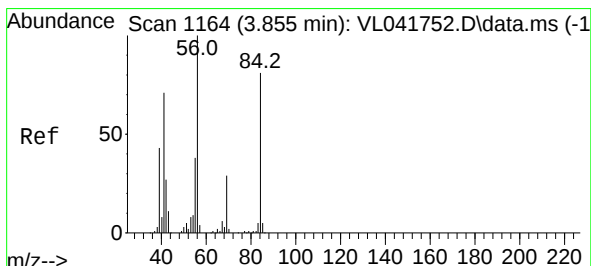
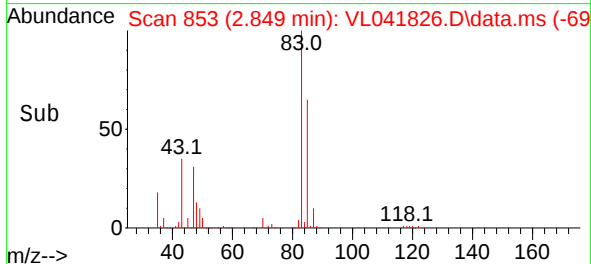
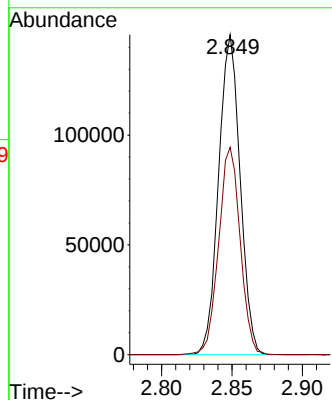
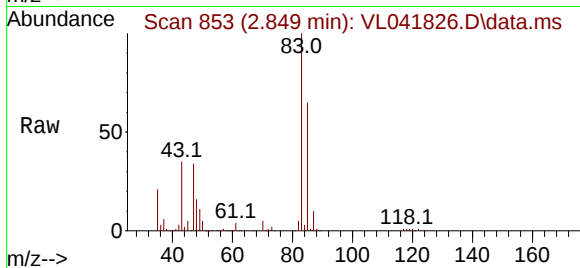
ClientSampleId :

Tgt Ion: 83 Resp: 154678

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6



#30

Cyclohexane

Concen: 8.090 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

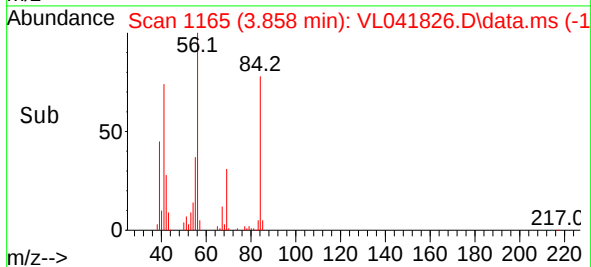
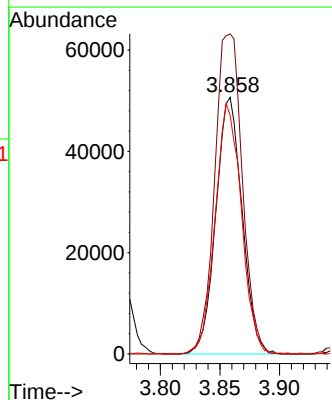
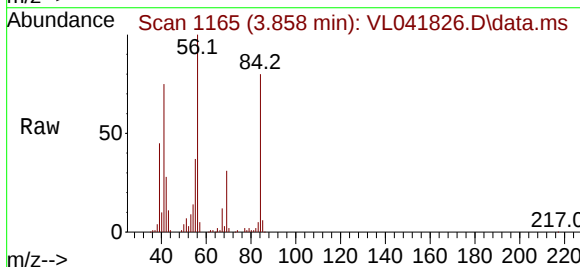
Tgt Ion: 84 Resp: 77506

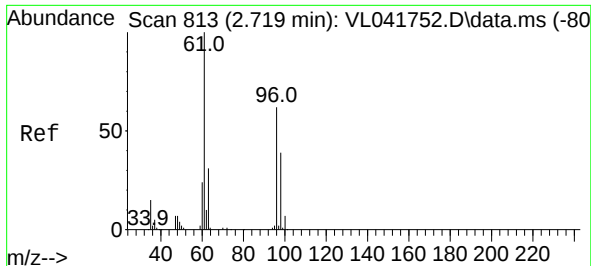
Ion Ratio Lower Upper

84 100

56 131.5 102.3 153.5

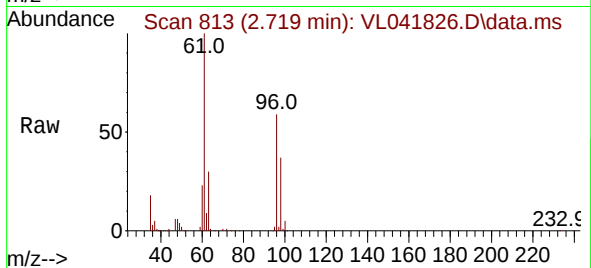
41 97.8 74.0 111.0



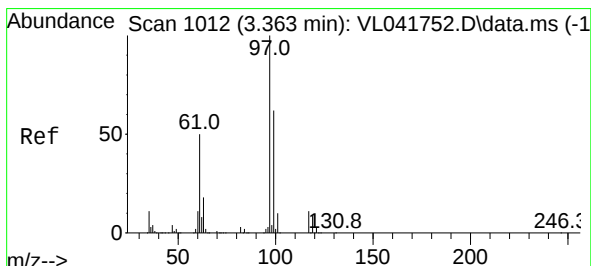
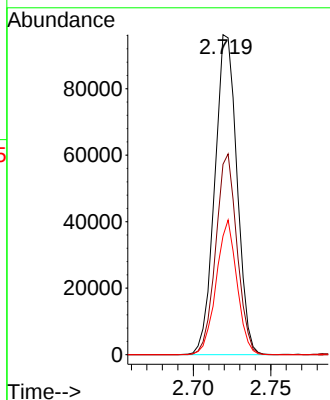
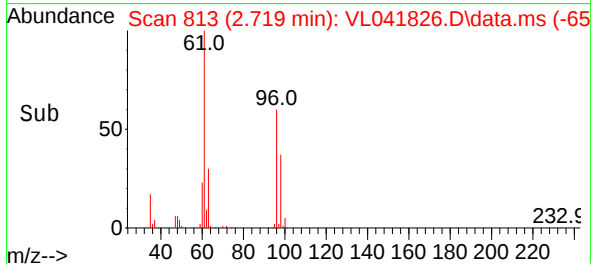


#31
 cis-1,2-Dichloroethene
 Concen: 8.257 ppbv
 RT: 2.719 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VL041826.D
 Acq: 19 Dec 2024 18:12

Instrument :
 MSVOA_L
 ClientSampleId :

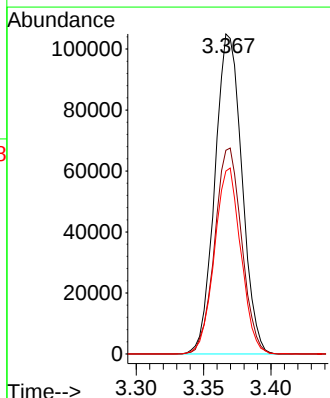
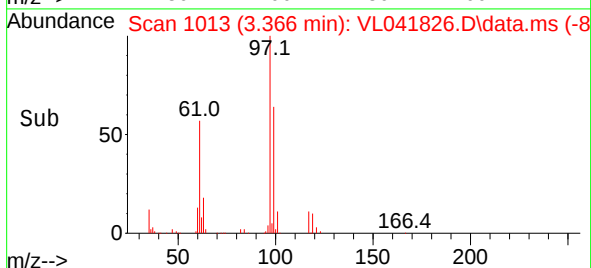
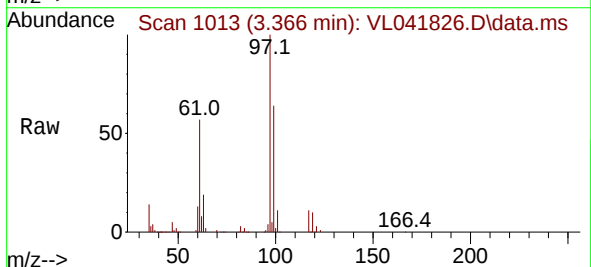


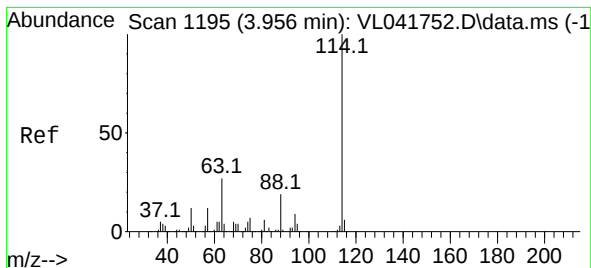
Tgt Ion: 61 Resp: 96075
 Ion Ratio Lower Upper
 61 100
 96 59.5 49.7 74.5
 98 37.1 30.8 46.2



#32
 1,1,1-Trichloroethane
 Concen: 8.408 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. 0.003 min
 Lab File: VL041826.D
 Acq: 19 Dec 2024 18:12

Tgt Ion: 97 Resp: 146660
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.0 76.4
 61 56.9 42.2 63.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

ClientSampleId :

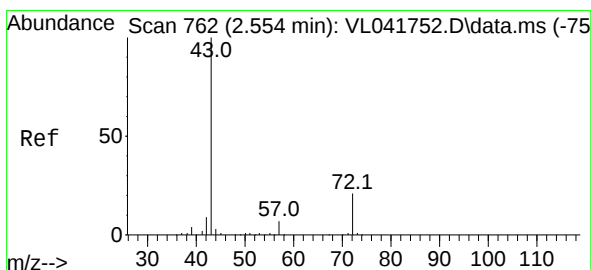
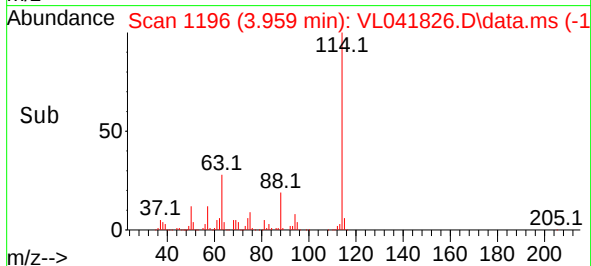
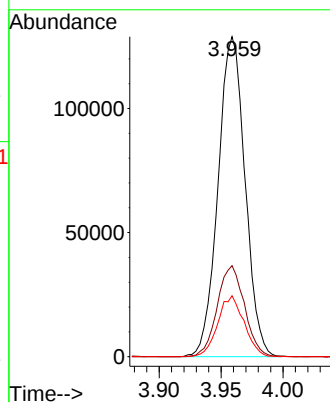
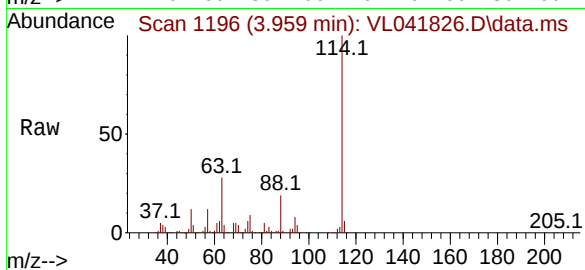
Tgt Ion:114 Resp: 195810

Ion Ratio Lower Upper

114 100

63 28.8 21.8 32.8

88 18.6 14.8 22.2



#34

2-Butanone

Concen: 9.518 ppbv

RT: 2.557 min Scan# 763

Delta R.T. 0.003 min

Lab File: VL041826.D

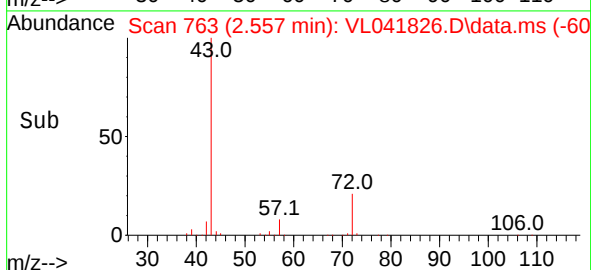
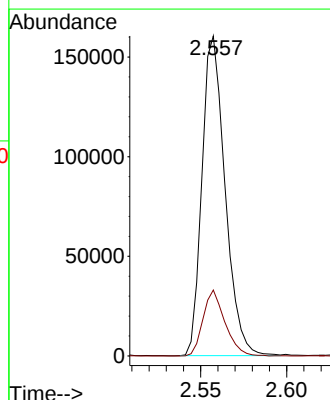
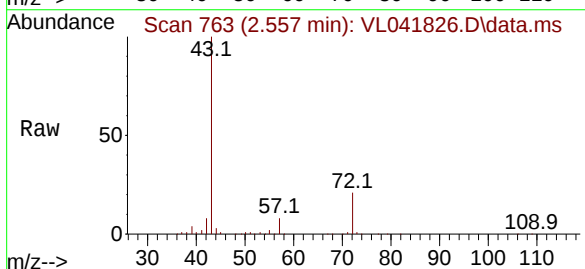
Acq: 19 Dec 2024 18:12

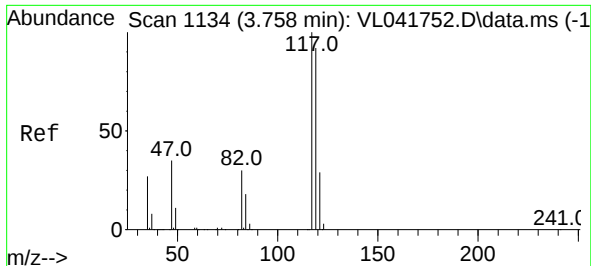
Tgt Ion: 43 Resp: 149934

Ion Ratio Lower Upper

43 100

72 19.6 16.8 25.2

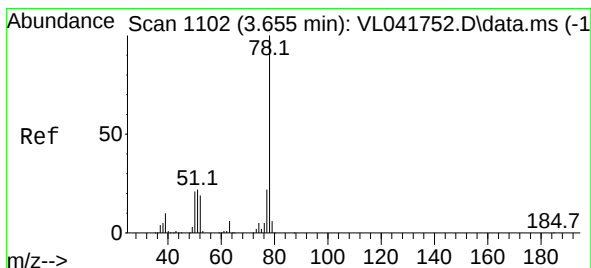
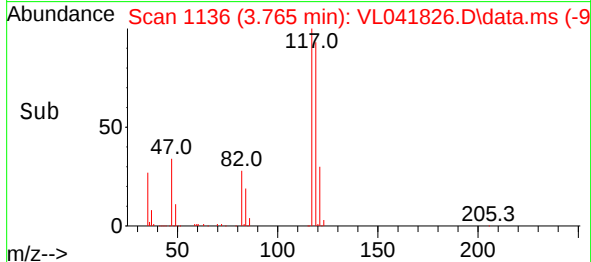
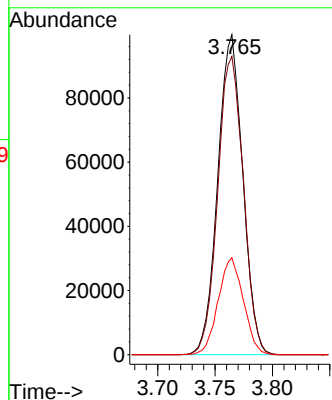
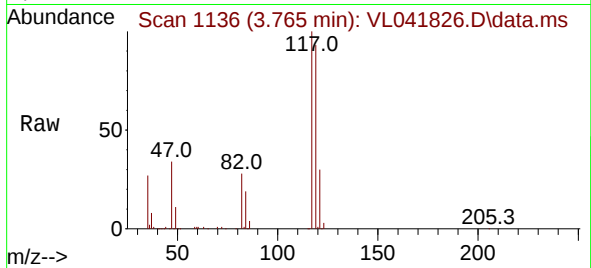




#35
Carbon Tetrachloride
Concen: 10.883 ppbv
RT: 3.765 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VL041826.D
Acq: 19 Dec 2024 18:12

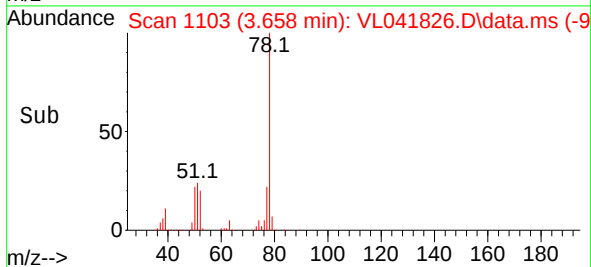
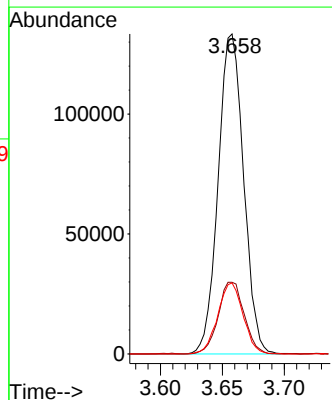
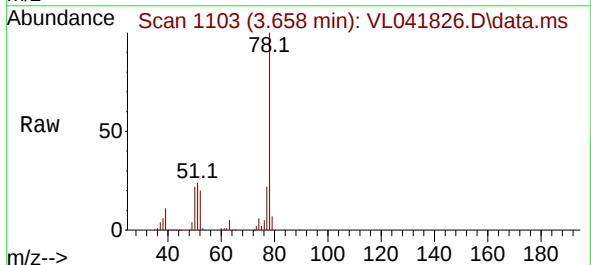
Instrument :
MSVOA_L
ClientSampleId :

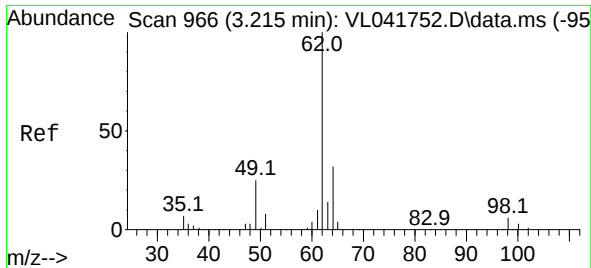
Tgt Ion:117 Resp: 151276
Ion Ratio Lower Upper
117 100
119 93.2 73.7 110.5
121 30.3 23.0 34.4



#36
Benzene
Concen: 9.430 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. 0.003 min
Lab File: VL041826.D
Acq: 19 Dec 2024 18:12

Tgt Ion: 78 Resp: 191005
Ion Ratio Lower Upper
78 100
77 22.4 17.8 26.6
50 22.2 17.2 25.8





#37

1,2-Dichloroethane

Concen: 9.745 ppbv

RT: 3.218 min Scan# 9

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

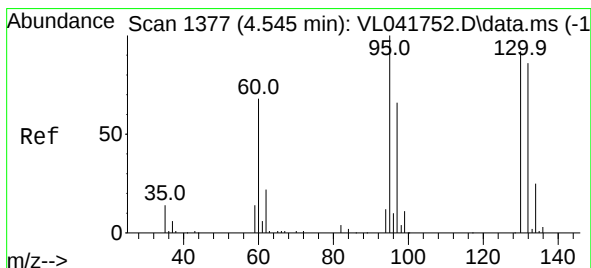
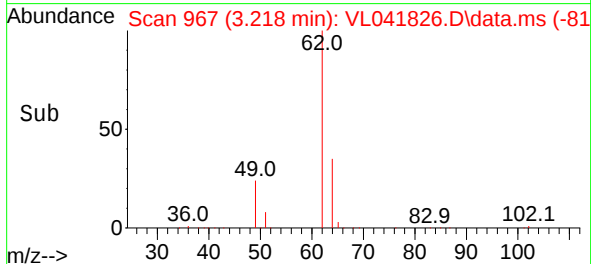
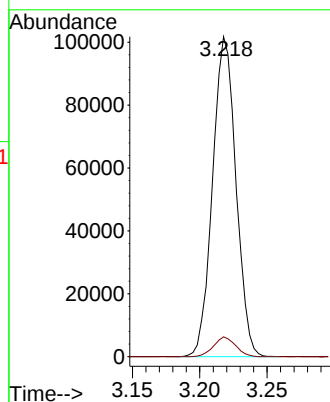
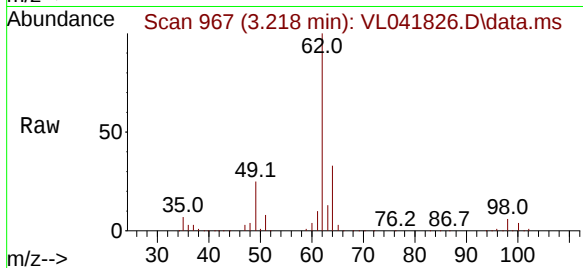
ClientSampleId :

Tgt Ion: 62 Resp: 122824

Ion Ratio Lower Upper

62 100

98 5.8 4.7 7.1



#38

Trichloroethene

Concen: 8.353 ppbv

RT: 4.548 min Scan# 1378

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Tgt Ion:130 Resp: 71818

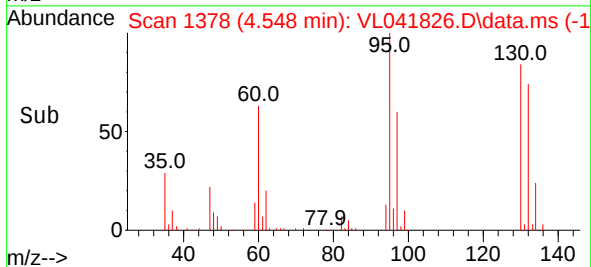
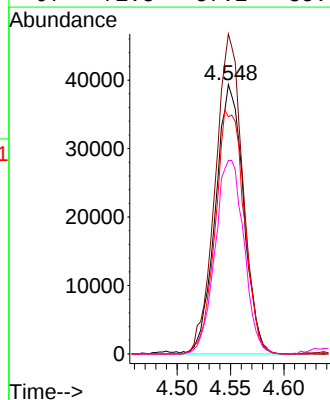
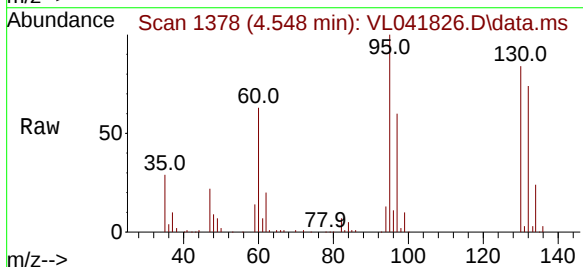
Ion Ratio Lower Upper

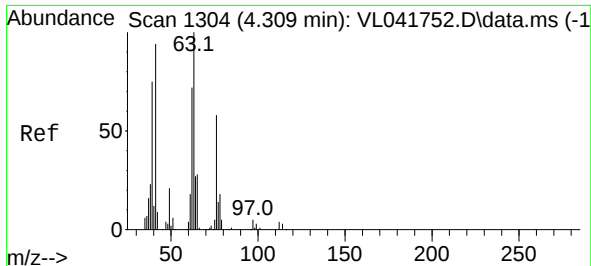
130 100

95 118.8 87.0 130.6

132 88.0 75.0 112.6

97 71.8 57.2 85.8





#39

1,2-Dichloropropane

Concen: 9.428 ppbv

RT: 4.312 min Scan# 1305

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

ClientSampleId :

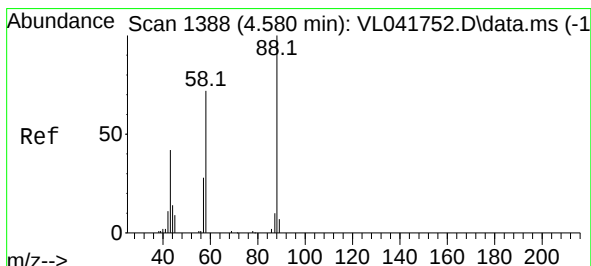
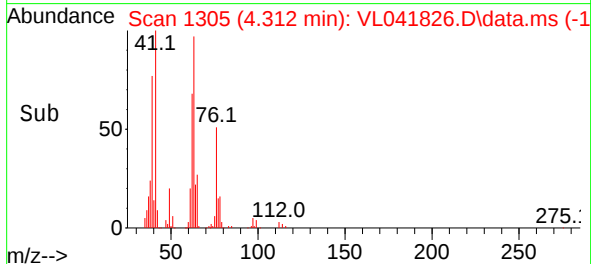
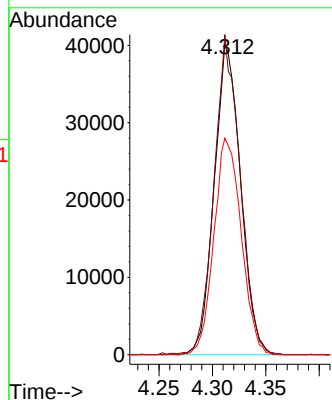
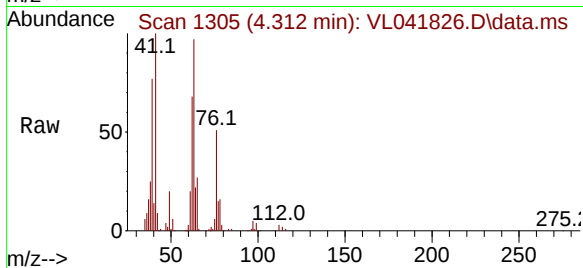
Tgt Ion: 63 Resp: 69067

Ion Ratio Lower Upper

63 100

41 102.7 75.3 112.9

62 69.7 57.3 85.9



#40

1,4-Dioxane

Concen: 8.127 ppbv

RT: 4.583 min Scan# 1389

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Tgt Ion: 88 Resp: 29082

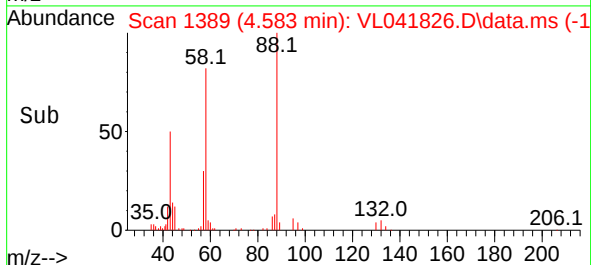
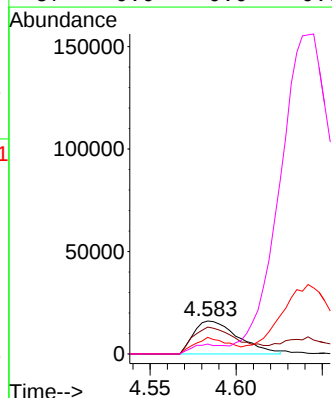
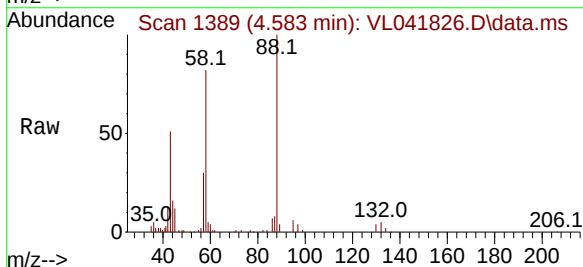
Ion Ratio Lower Upper

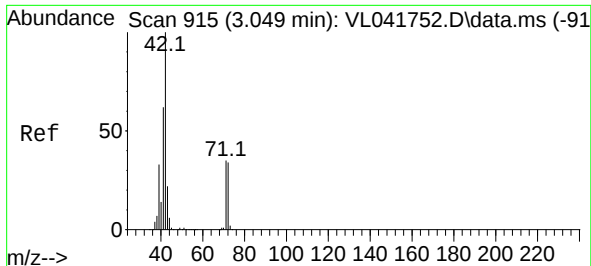
88 100

58 85.0 61.0 91.6

43 37.1 29.4 44.0

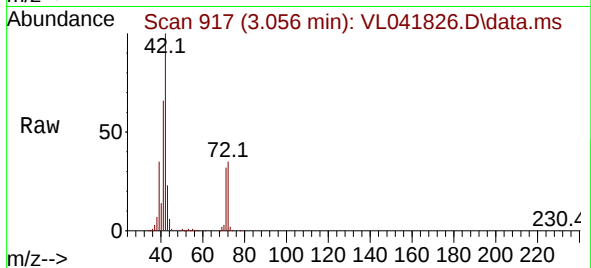
57 0.0 0.0 0.0



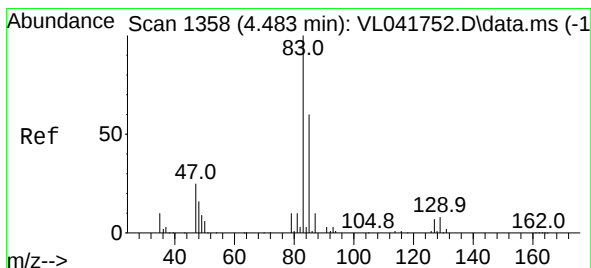
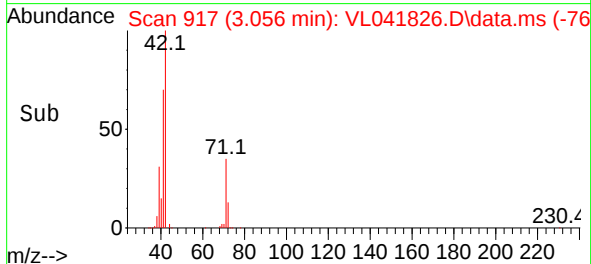
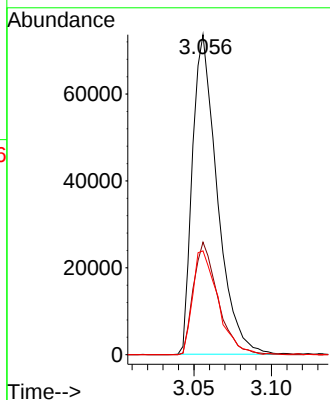


#41
Tetrahydrofuran
Concen: 9.307 ppbv
RT: 3.056 min Scan# 915
Delta R.T. 0.006 min
Lab File: VL041826.D
Acq: 19 Dec 2024 18:12

Instrument :
MSVOA_L
ClientSampleId :

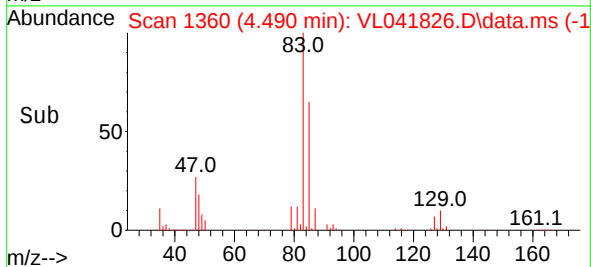
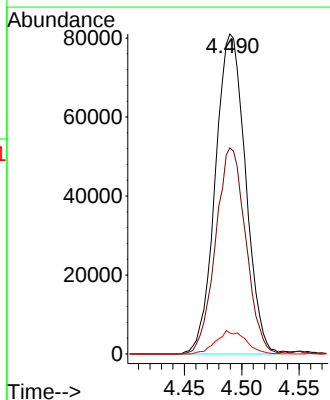
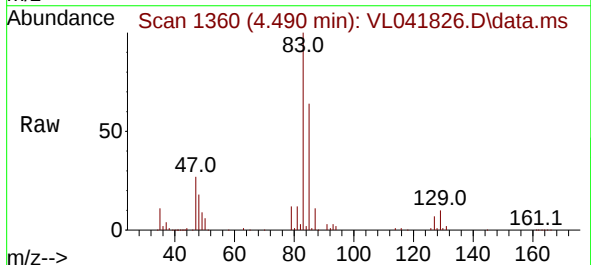


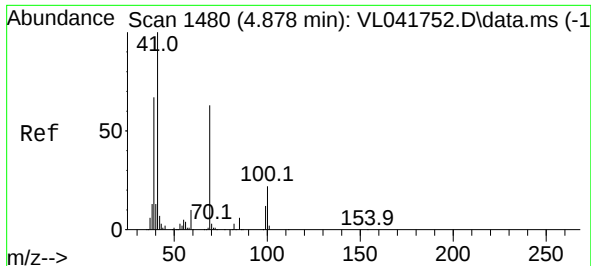
Tgt Ion: 42 Resp: 82140
Ion Ratio Lower Upper
42 100
72 34.9 29.1 43.7
71 33.4 28.4 42.6



#42
Bromodichloromethane
Concen: 10.215 ppbv
RT: 4.490 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VL041826.D
Acq: 19 Dec 2024 18:12

Tgt Ion: 83 Resp: 148108
Ion Ratio Lower Upper
83 100
85 64.4 48.0 72.0
127 6.6 5.8 8.8





#43

Methyl Methacrylate

Concen: 8.972 ppbv

RT: 4.881 min Scan# 1481

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

ClientSampleId :

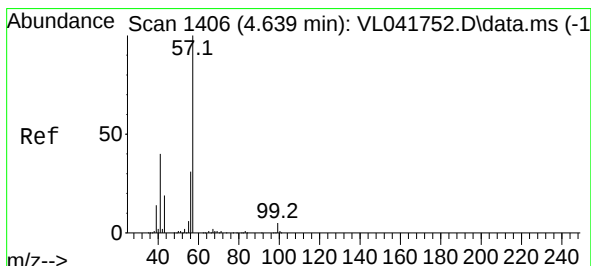
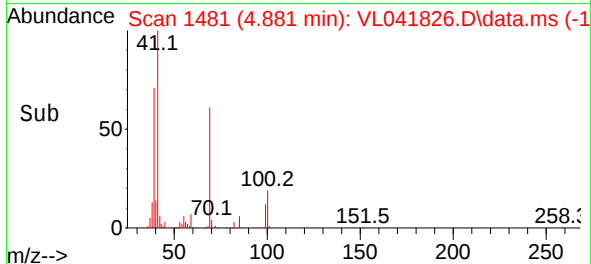
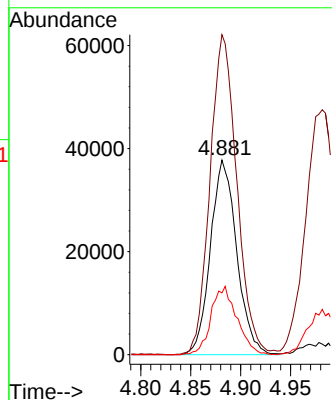
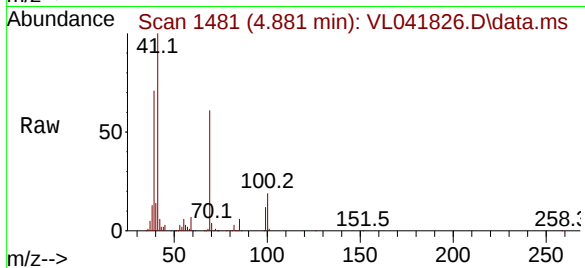
Tgt Ion: 69 Resp: 69240

Ion Ratio Lower Upper

69 100

41 167.5 130.3 195.5

100 34.5 28.3 42.5



#44

2,2,4-Trimethylpentane

Concen: 9.876 ppbv

RT: 4.645 min Scan# 1408

Delta R.T. 0.006 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

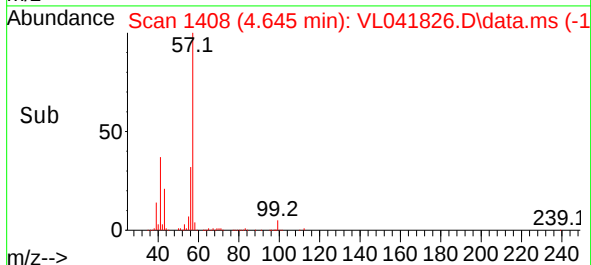
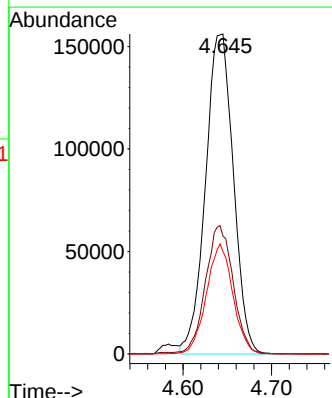
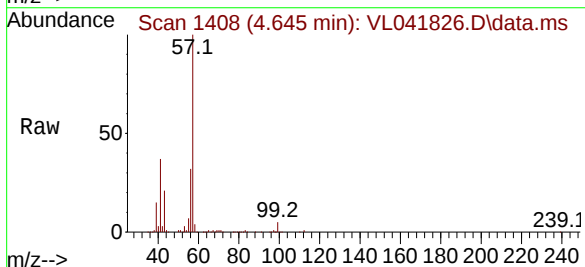
Tgt Ion: 57 Resp: 341613

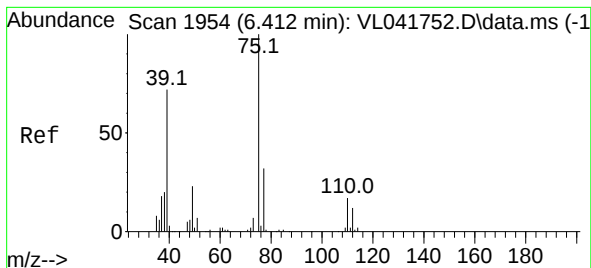
Ion Ratio Lower Upper

57 100

41 40.4 30.7 46.1

56 32.6 25.4 38.0





#45

t-1,3-Dichloropropene

Concen: 7.708 ppbv

RT: 6.419 min Scan# 1

Delta R.T. 0.006 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

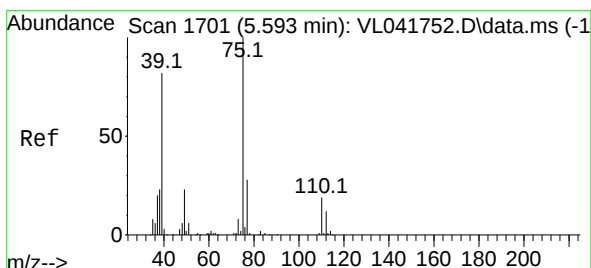
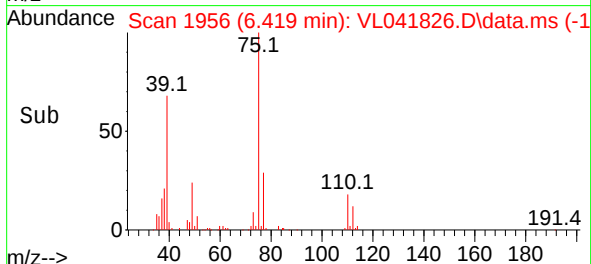
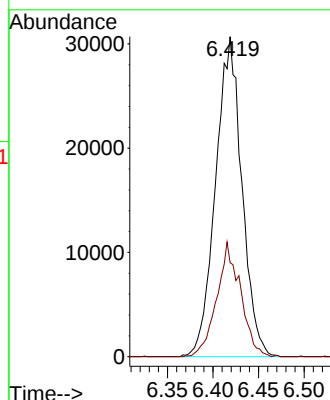
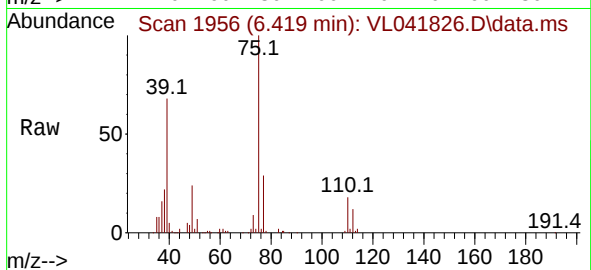
ClientSampleId :

Tgt Ion: 75 Resp: 61532

Ion Ratio Lower Upper

75 100

77 29.4 25.9 38.9



#46

cis-1,3-Dichloropropene

Concen: 8.187 ppbv

RT: 5.603 min Scan# 1704

Delta R.T. 0.010 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

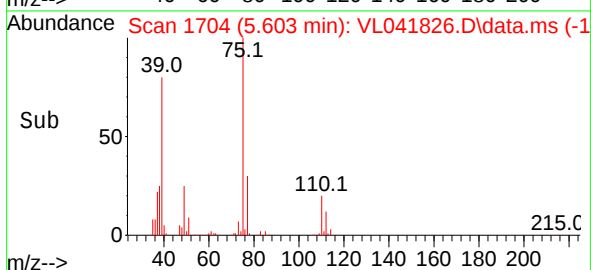
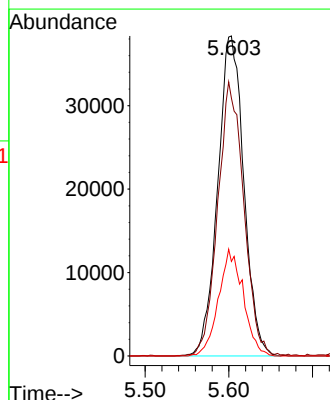
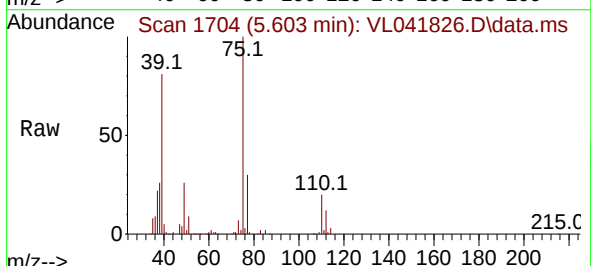
Tgt Ion: 75 Resp: 82960

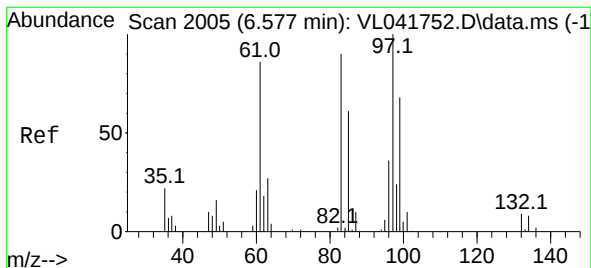
Ion Ratio Lower Upper

75 100

39 80.4 65.2 97.8

77 29.5 22.0 33.0





#47

1,1,2-Trichloroethane

Concen: 9.370 ppbv

RT: 6.584 min Scan# 20

Delta R.T. 0.006 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 71698

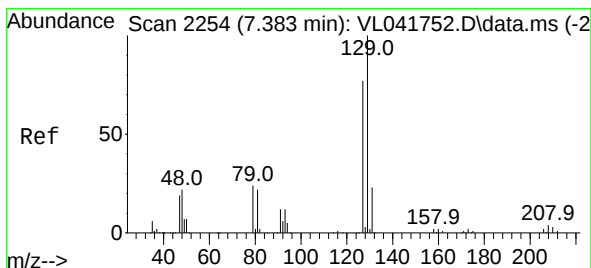
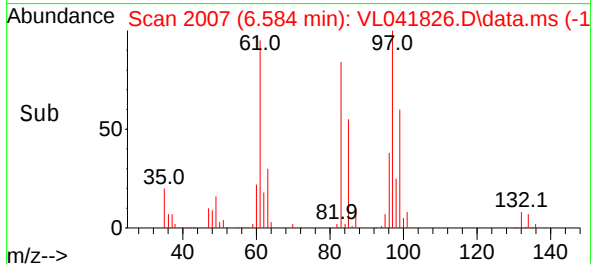
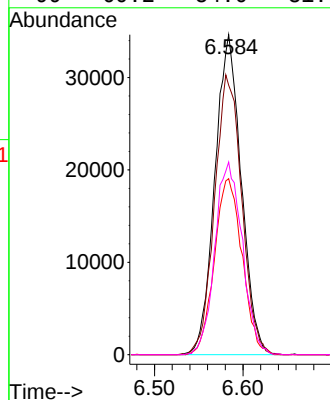
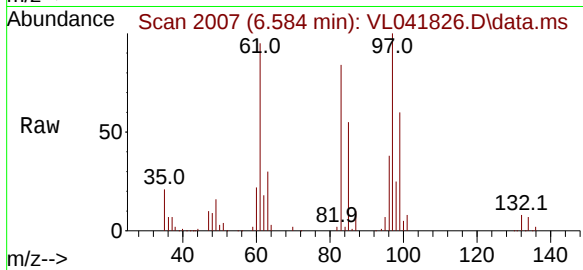
Ion Ratio Lower Upper

97 100

83 84.0 72.3 108.5

85 55.0 48.5 72.7

99 60.2 54.0 81.0



#48

Dibromochloromethane

Concen: 9.998 ppbv

RT: 7.390 min Scan# 2256

Delta R.T. 0.006 min

Lab File: VL041826.D

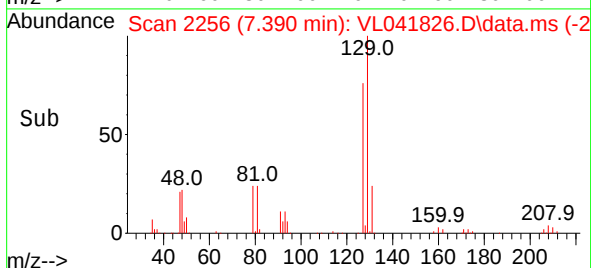
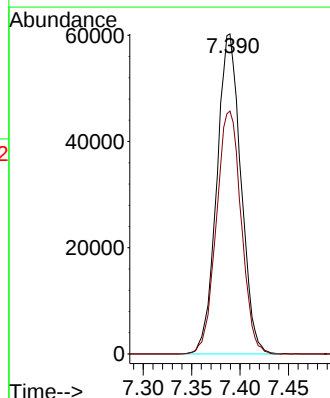
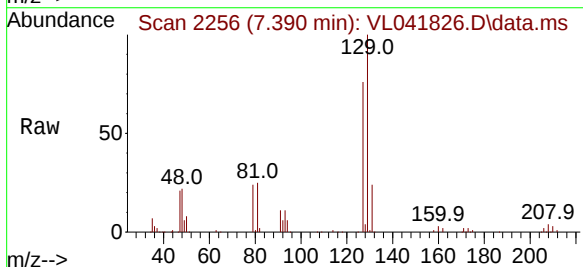
Acq: 19 Dec 2024 18:12

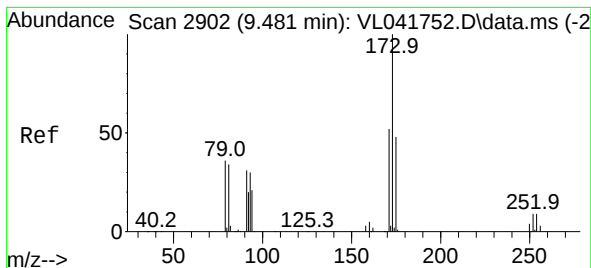
Tgt Ion:129 Resp: 104455

Ion Ratio Lower Upper

129 100

127 78.1 38.8 116.3





#49

Bromoform

Concen: 9.861 ppbv

RT: 9.484 min Scan# 2902

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

ClientSampleId :

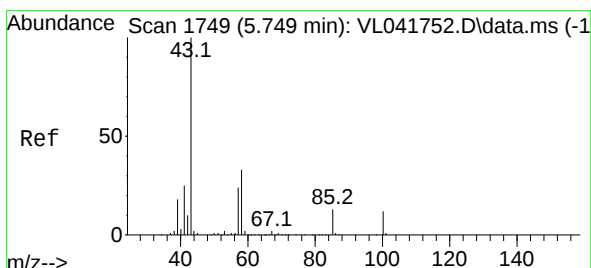
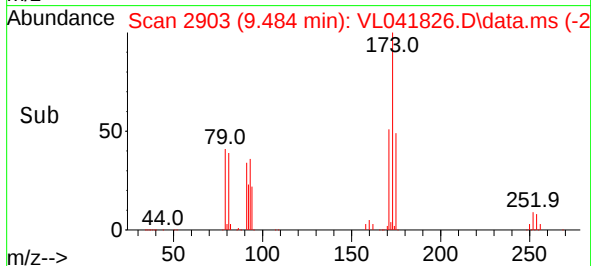
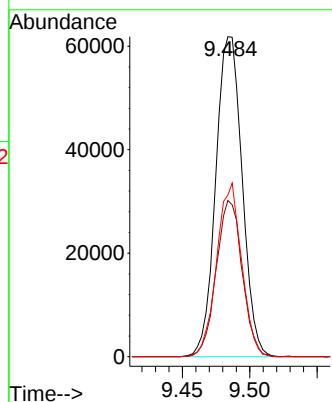
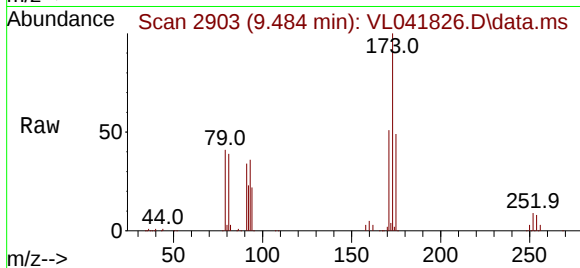
Tgt Ion:173 Resp: 84333

Ion Ratio Lower Upper

173 100

175 48.0 38.2 57.2

171 51.2 41.1 61.7



#50

4-Methyl-2-Pentanone

Concen: 9.706 ppbv

RT: 5.755 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VL041826.D

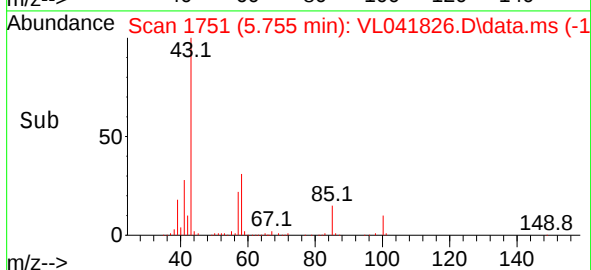
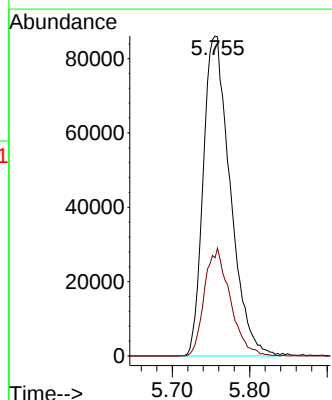
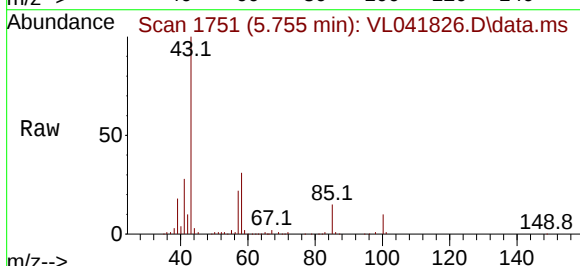
Acq: 19 Dec 2024 18:12

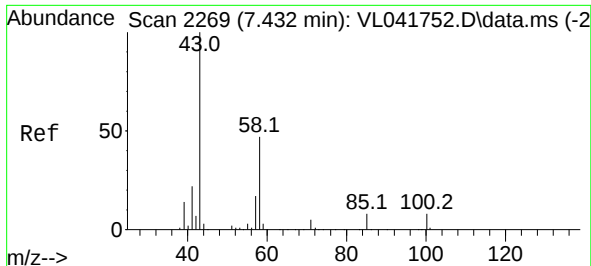
Tgt Ion: 43 Resp: 208182

Ion Ratio Lower Upper

43 100

58 32.2 26.8 40.2

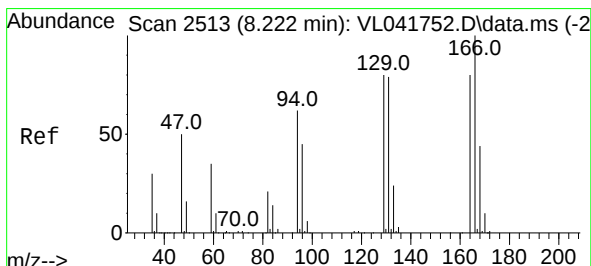
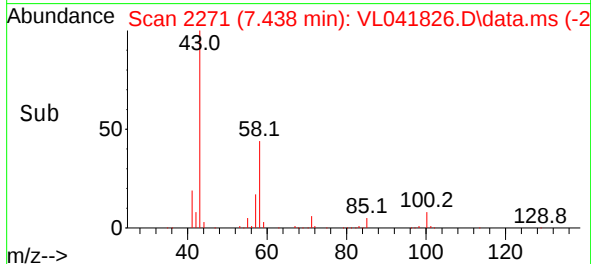
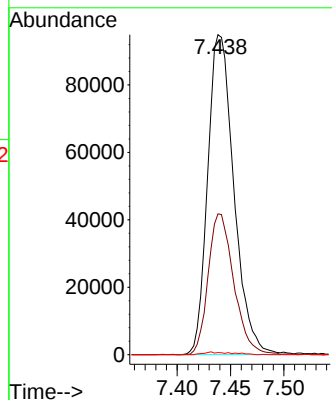
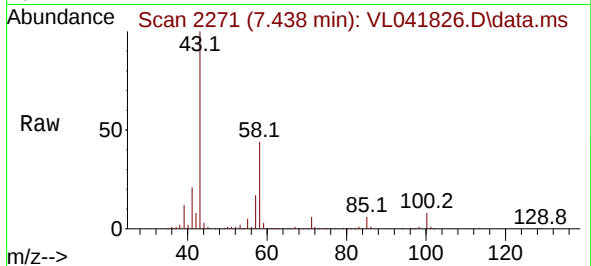




#51
2-Hexanone
Concen: 9.322 ppbv
RT: 7.438 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041826.D
Acq: 19 Dec 2024 18:12

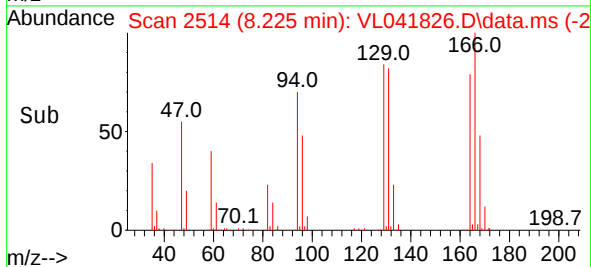
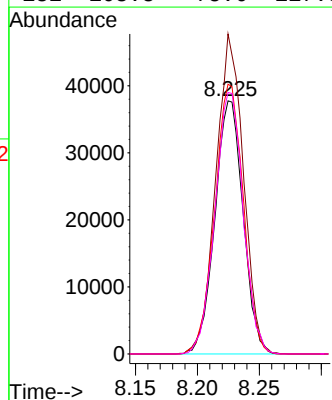
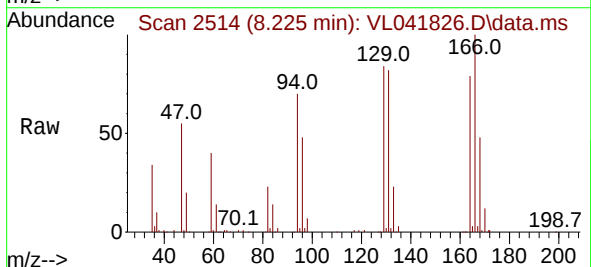
Instrument :
MSVOA_L
ClientSampleId :

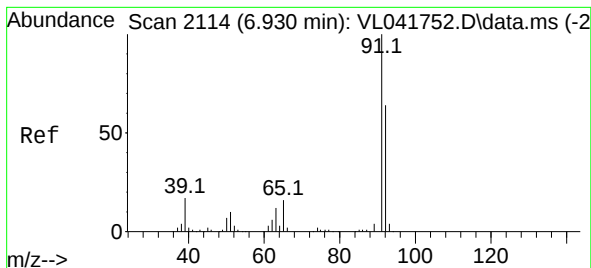
Tgt Ion: 43 Resp: 162066
Ion Ratio Lower Upper
43 100
58 43.1 36.6 55.0
98 0.9 0.1 0.1#



#52
Tetrachloroethene
Concen: 7.922 ppbv
RT: 8.225 min Scan# 2514
Delta R.T. 0.003 min
Lab File: VL041826.D
Acq: 19 Dec 2024 18:12

Tgt Ion:164 Resp: 59727
Ion Ratio Lower Upper
164 100
166 126.3 99.8 149.6
129 106.5 79.6 119.4
131 103.3 78.6 117.8





#53

Toluene

Concen: 8.593 ppbv

RT: 6.933 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

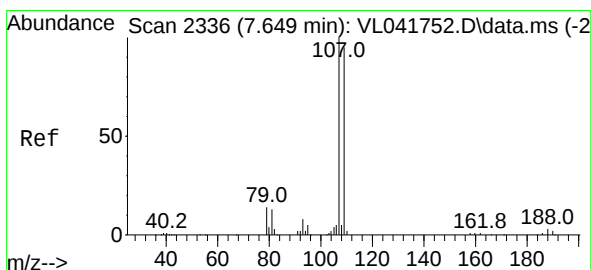
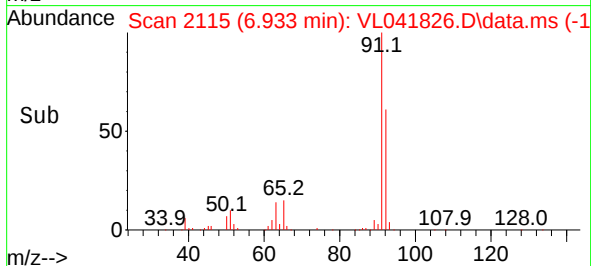
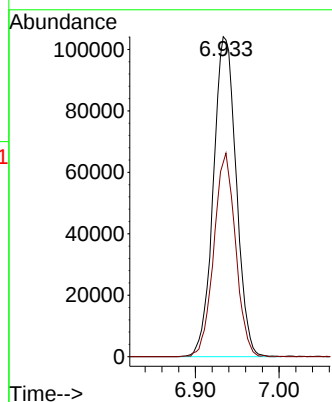
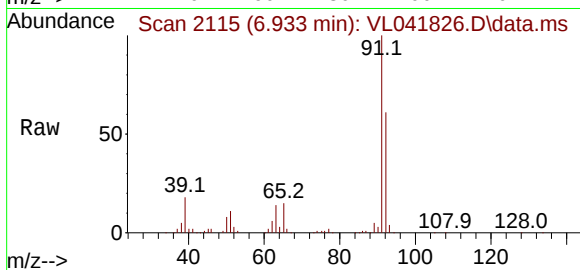
ClientSampleId :

Tgt Ion: 91 Resp: 197327

Ion Ratio Lower Upper

91 100

92 60.4 47.9 71.9



#54

1,2-Dibromoethane

Concen: 9.170 ppbv

RT: 7.655 min Scan# 2338

Delta R.T. 0.006 min

Lab File: VL041826.D

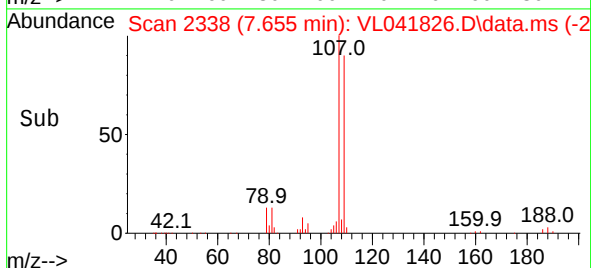
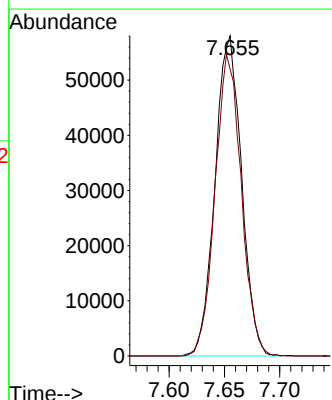
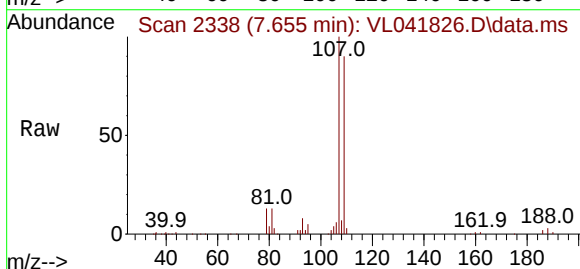
Acq: 19 Dec 2024 18:12

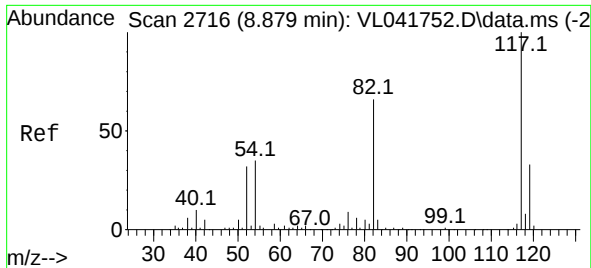
Tgt Ion:107 Resp: 96675

Ion Ratio Lower Upper

107 100

109 89.6 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.882 min Scan# 2716

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_1

ClientSampleId :

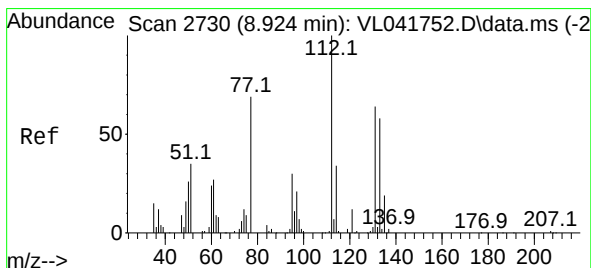
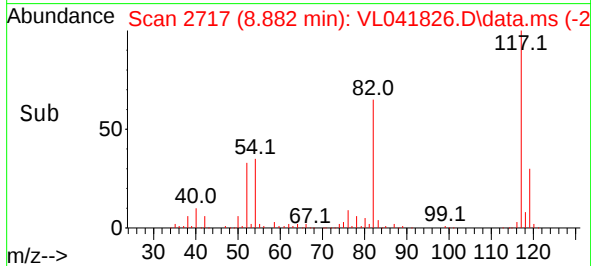
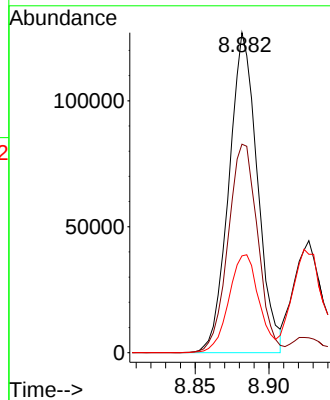
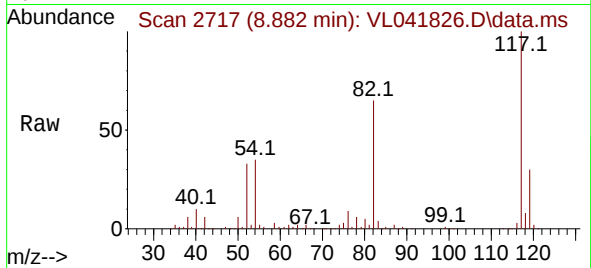
Tgt Ion:117 Resp: 170821

Ion Ratio Lower Upper

117 100

82 72.9 53.8 80.8

119 31.8 26.7 40.1



#56

1,1,1,2-Tetrachloroethane

Concen: 10.302 ppbv

RT: 8.927 min Scan# 2731

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

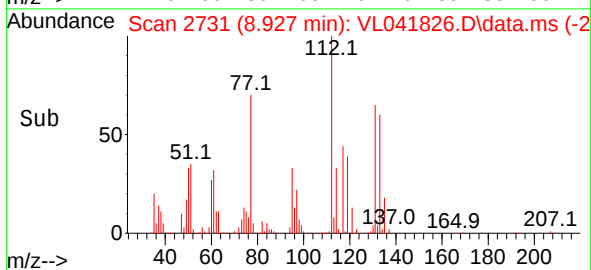
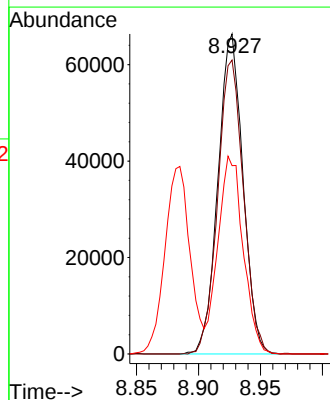
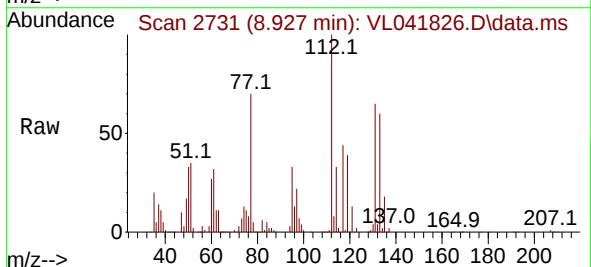
Tgt Ion:131 Resp: 93296

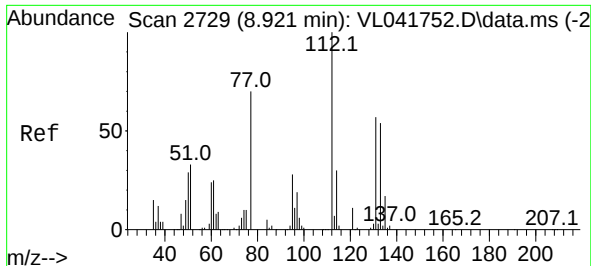
Ion Ratio Lower Upper

131 100

133 94.4 76.8 115.2

119 63.6 49.0 73.6





#57

Chlorobenzene

Concen: 9.407 ppbv

RT: 8.924 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

ClientSampleId :

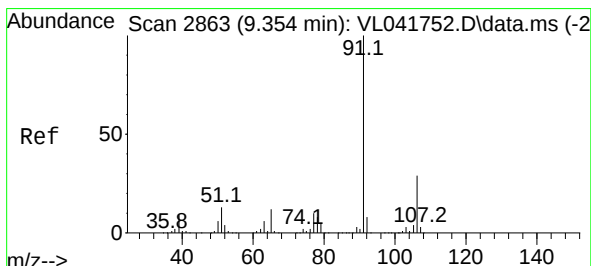
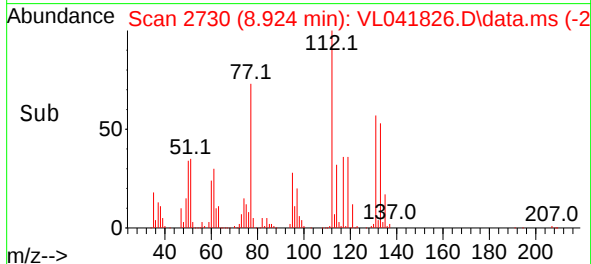
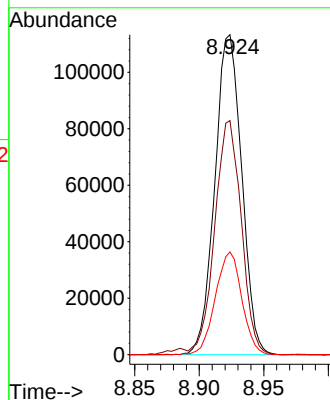
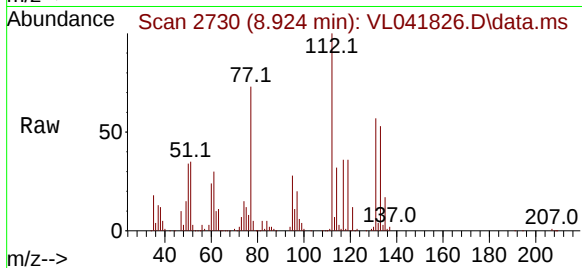
Tgt Ion:112 Resp: 164430

Ion Ratio Lower Upper

112 100

77 73.2 57.4 86.0

114 32.1 27.4 33.4



#58

Ethyl Benzene

Concen: 9.308 ppbv

RT: 9.358 min Scan# 2864

Delta R.T. 0.003 min

Lab File: VL041826.D

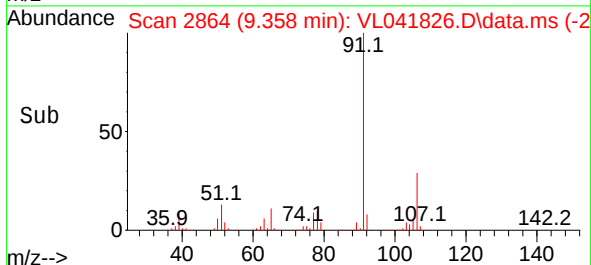
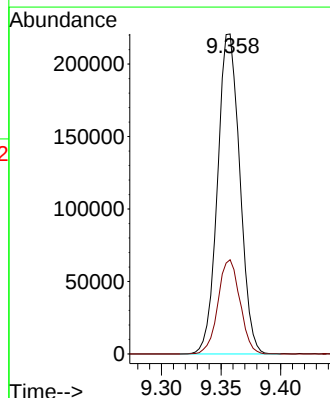
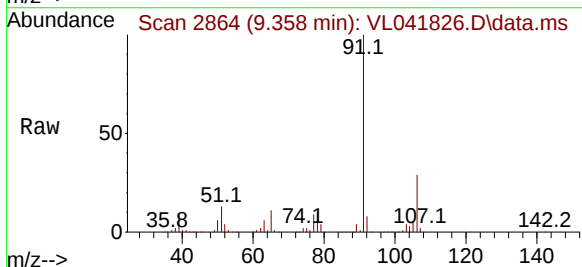
Acq: 19 Dec 2024 18:12

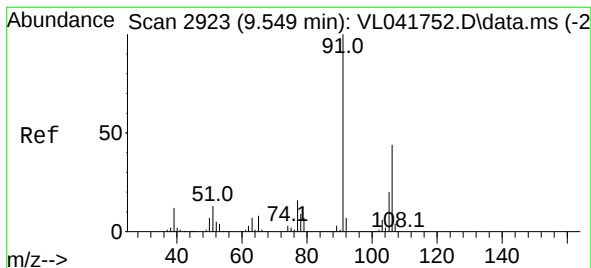
Tgt Ion: 91 Resp: 286262

Ion Ratio Lower Upper

91 100

106 29.4 23.5 35.3





#59

m/p-Xylene

Concen: 8.231 ppbv

RT: 9.552 min Scan# 2923

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

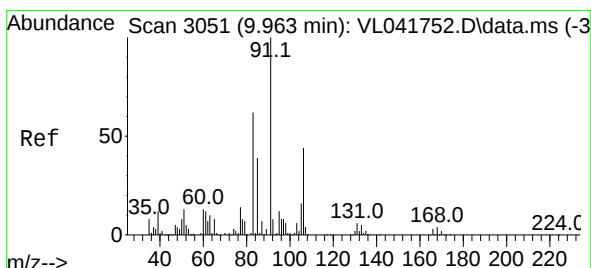
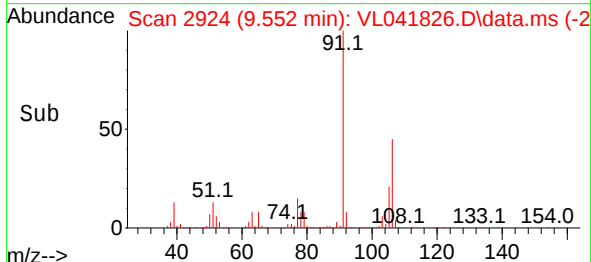
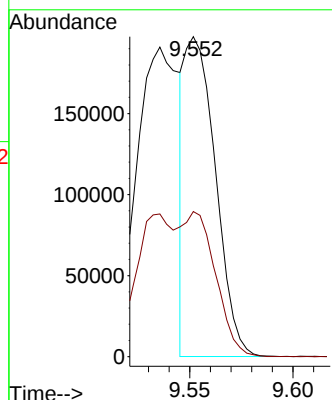
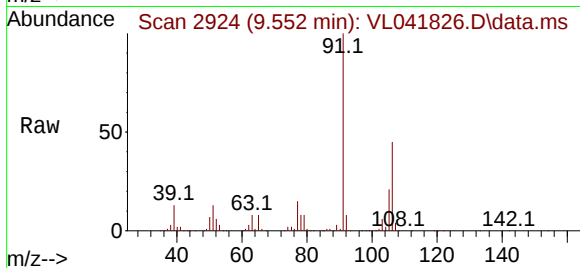
ClientSampleId :

Tgt Ion: 91 Resp: 203546

Ion Ratio Lower Upper

91 100

106 107.6 0.0 0.0#



#60

o-Xylene

Concen: 9.640 ppbv

RT: 9.963 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VL041826.D

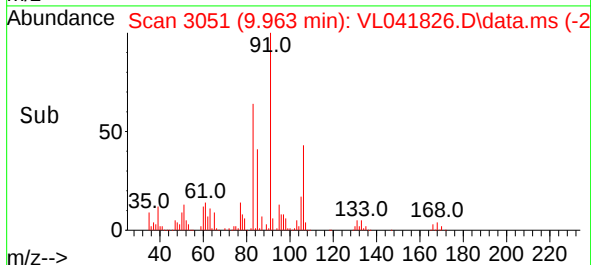
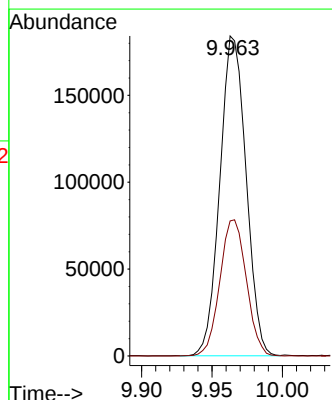
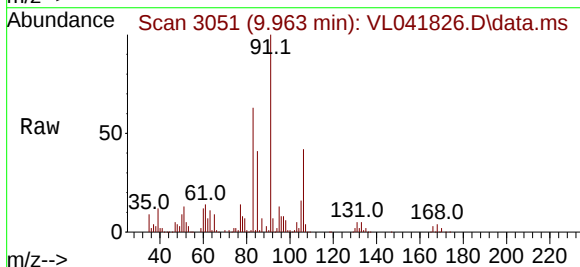
Acq: 19 Dec 2024 18:12

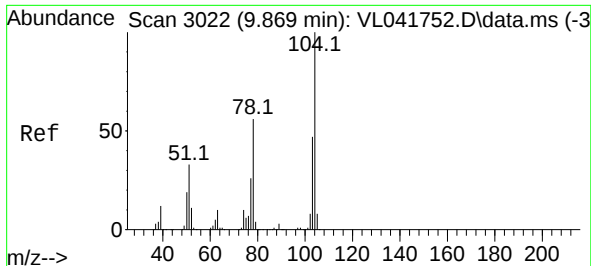
Tgt Ion: 91 Resp: 239050

Ion Ratio Lower Upper

91 100

106 43.0 21.1 63.4

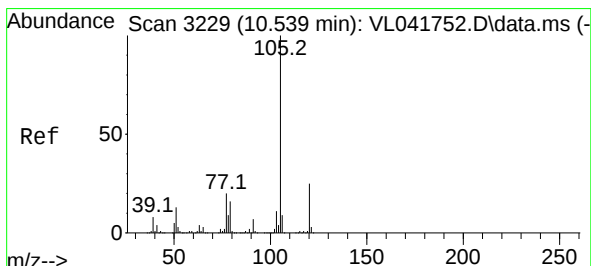
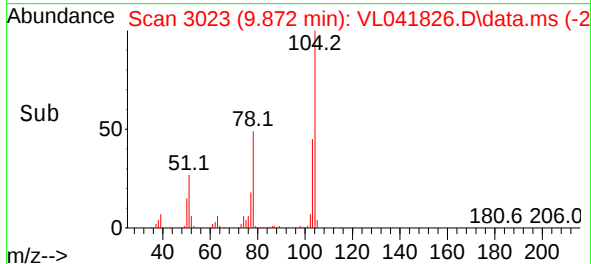
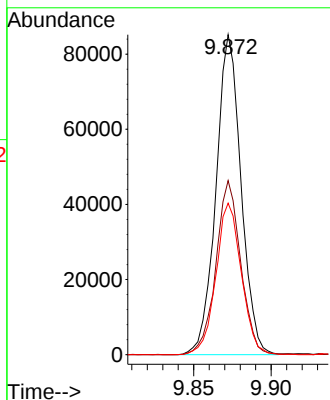
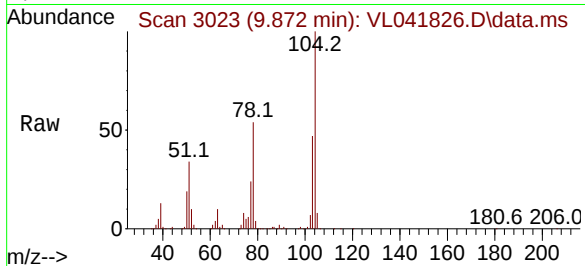




#61
Styrene
Concen: 8.941 ppbv
RT: 9.872 min Scan# 3022
Delta R.T. 0.003 min
Lab File: VL041826.D
Acq: 19 Dec 2024 18:12

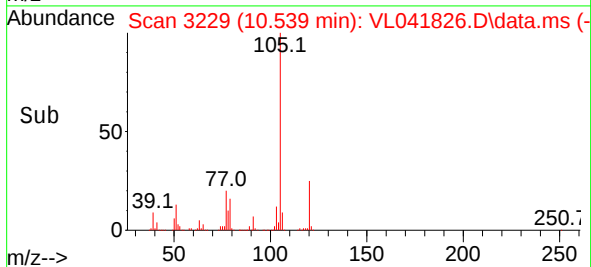
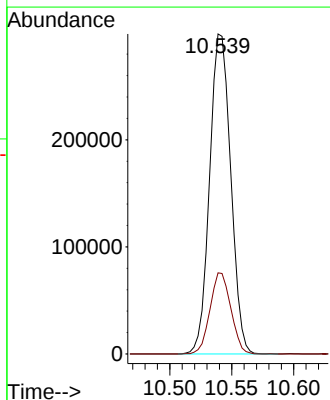
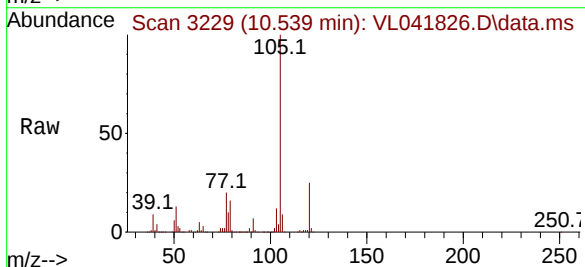
Instrument :
MSVOA_L
ClientSampleId :

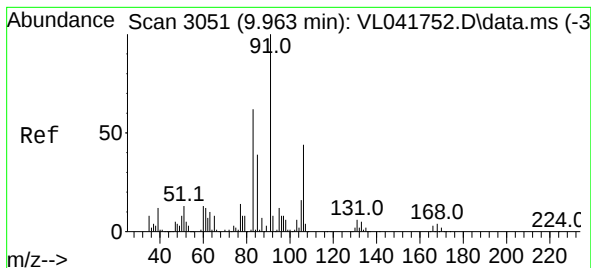
Tgt Ion:104 Resp: 95865
Ion Ratio Lower Upper
104 100
78 53.9 43.8 65.6
103 48.1 37.8 56.6



#62
Isopropylbenzene
Concen: 9.531 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. -0.000 min
Lab File: VL041826.D
Acq: 19 Dec 2024 18:12

Tgt Ion:105 Resp: 355098
Ion Ratio Lower Upper
105 100
120 25.0 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 9.747 ppbv

RT: 9.963 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

ClientSampleId :

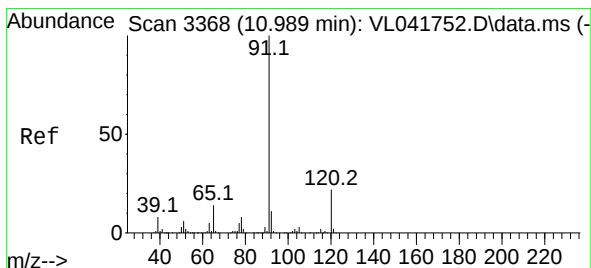
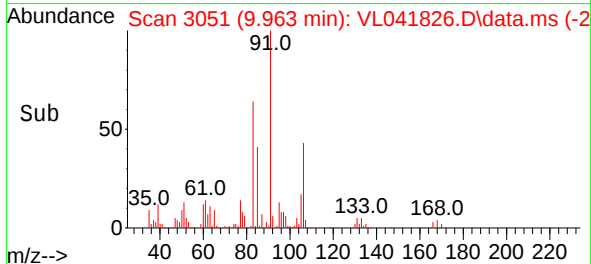
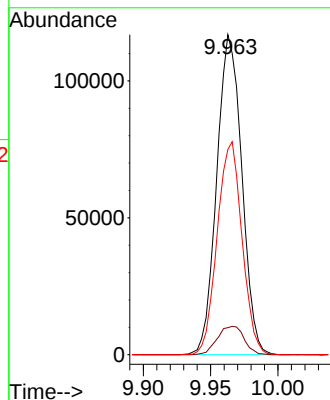
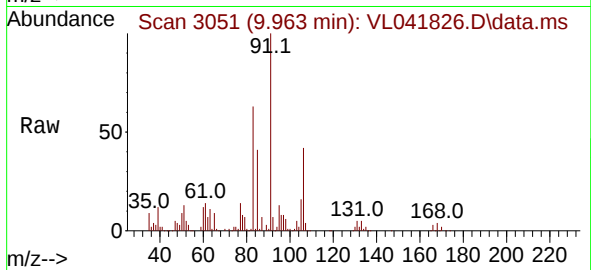
Tgt Ion: 83 Resp: 151287

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

85 65.9 32.0 96.2



#64

n-propylbenzene

Concen: 9.360 ppbv

RT: 10.992 min Scan# 3369

Delta R.T. 0.003 min

Lab File: VL041826.D

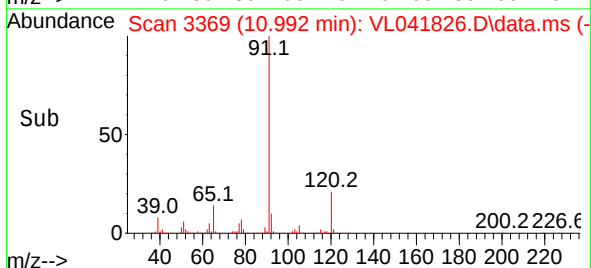
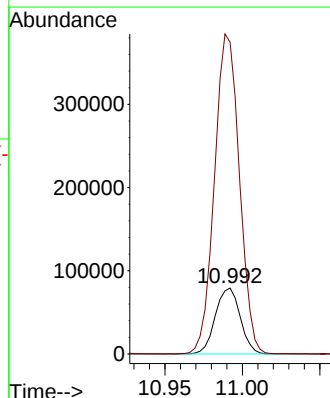
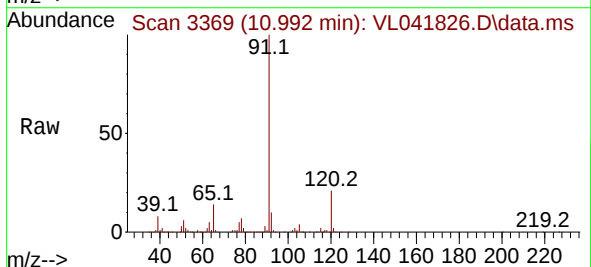
Acq: 19 Dec 2024 18:12

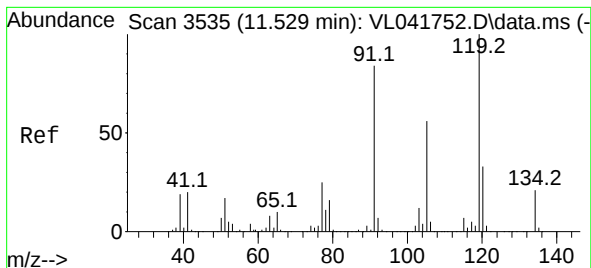
Tgt Ion:120 Resp: 88168

Ion Ratio Lower Upper

120 100

91 489.0 387.3 580.9





#65

tert-Butylbenzene

Concen: 9.221 ppbv

RT: 11.533 min Scan# 3536

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

ClientSampleId :

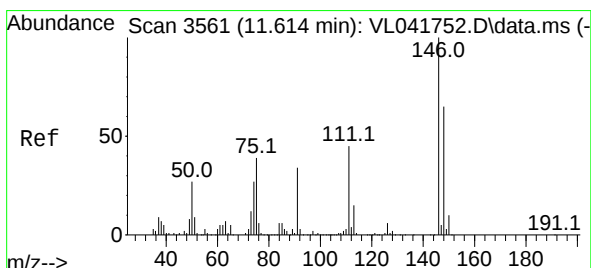
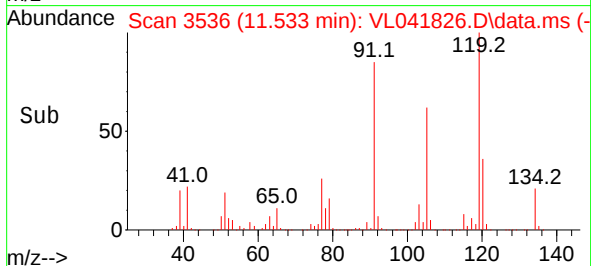
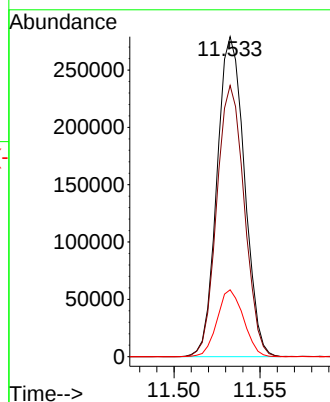
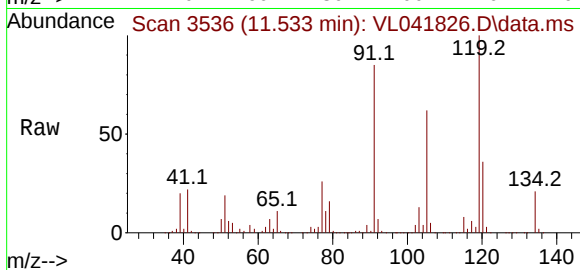
Tgt Ion:119 Resp: 309956

Ion Ratio Lower Upper

119 100

91 84.9 67.0 100.4

134 20.1 16.5 24.7



#66

Benzyl Chloride

Concen: 6.659 ppbv

RT: 11.617 min Scan# 3562

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

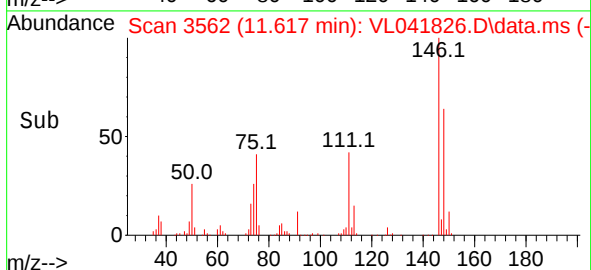
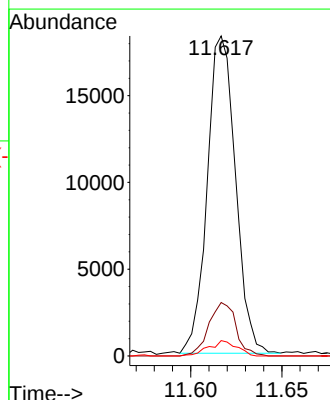
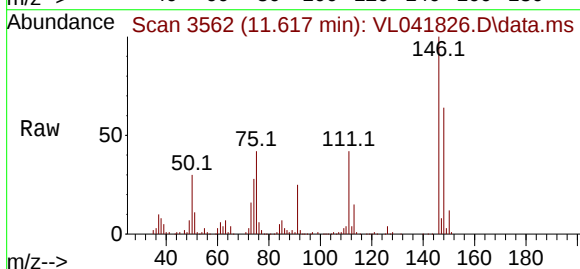
Tgt Ion: 91 Resp: 19715

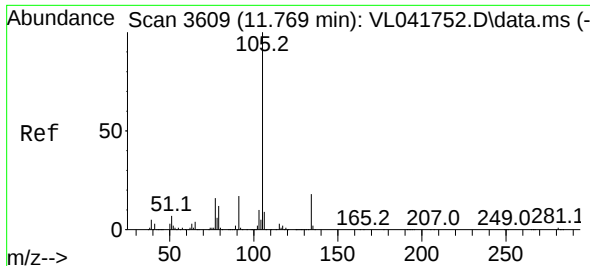
Ion Ratio Lower Upper

91 100

126 16.2 13.9 20.9

128 4.9 4.4 6.6





#67

sec-Butylbenzene

Concen: 9.318 ppbv

RT: 11.769 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

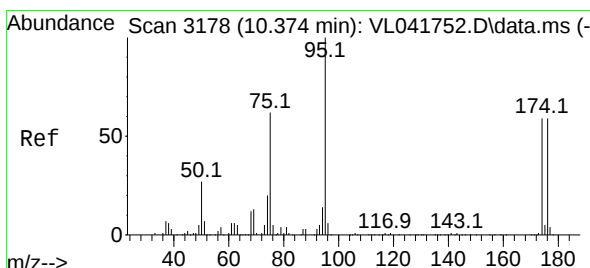
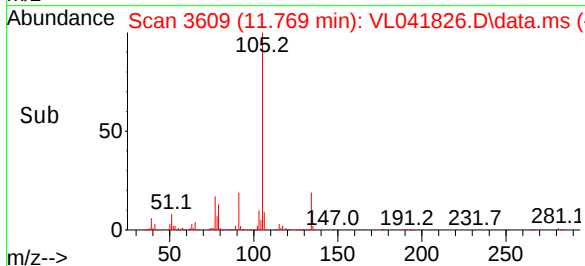
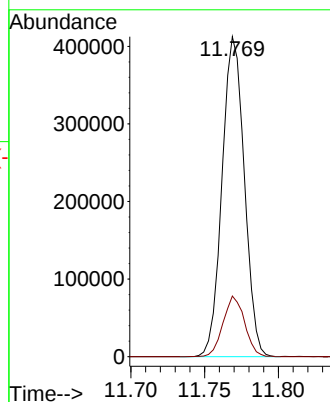
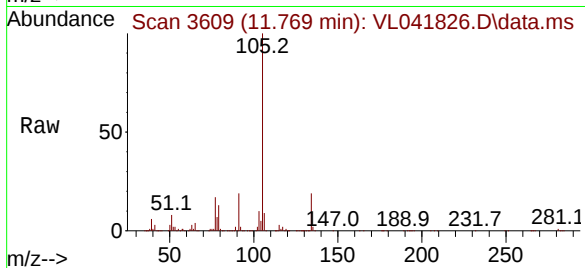
ClientSampleId :

Tgt Ion:105 Resp: 433396

Ion Ratio Lower Upper

105 100

134 18.3 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 10.668 ppbv

RT: 10.377 min Scan# 3179

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

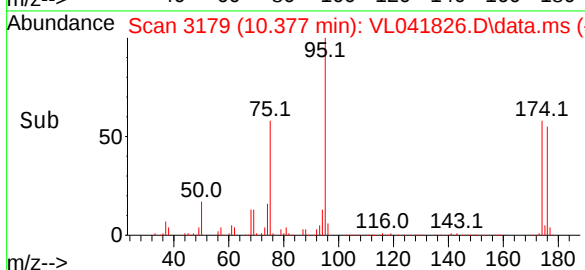
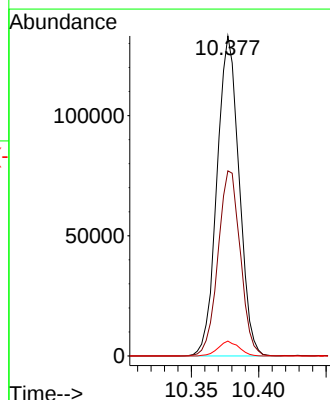
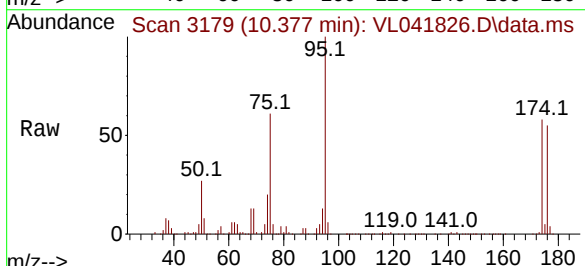
Tgt Ion: 95 Resp: 151852

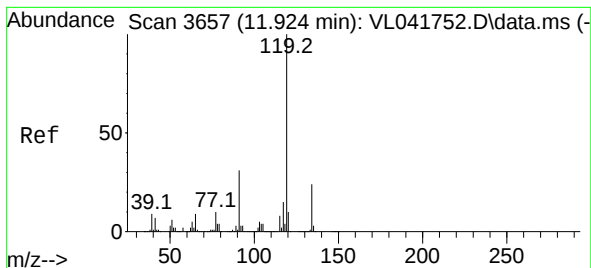
Ion Ratio Lower Upper

95 100

174 58.4 47.6 71.4

175 4.4 3.7 5.5





#69

p-Isopropyltoluene

Concen: 8.999 ppbv

RT: 11.927 min Scan# 3658

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

ClientSampleId :

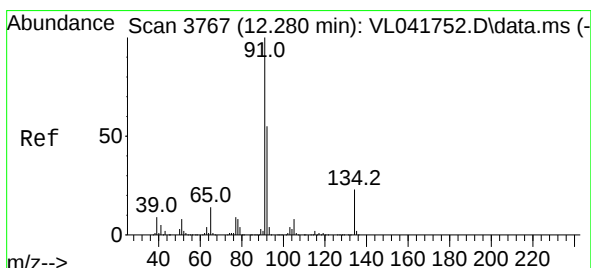
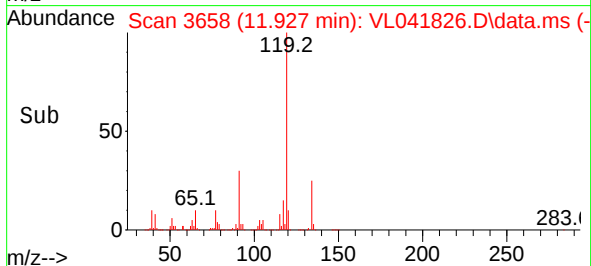
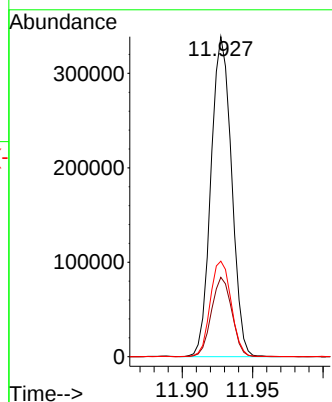
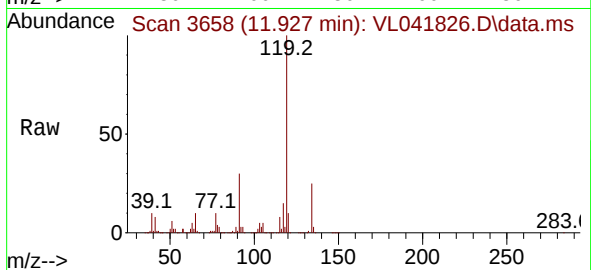
Tgt Ion:119 Resp: 344944

Ion Ratio Lower Upper

119 100

134 24.6 19.6 29.4

91 30.6 24.4 36.6



#70

n-Butylbenzene

Concen: 8.870 ppbv

RT: 12.283 min Scan# 3768

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

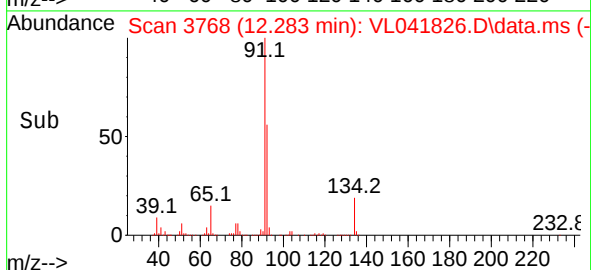
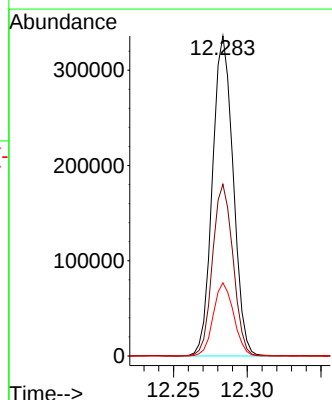
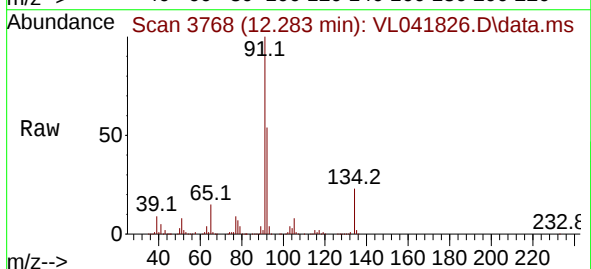
Tgt Ion: 91 Resp: 328535

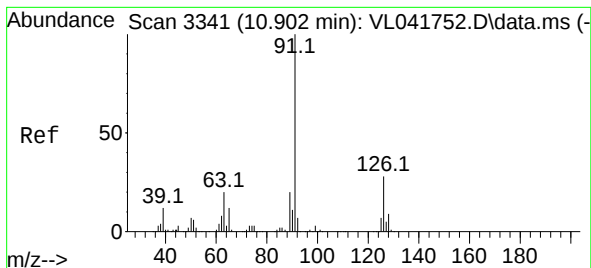
Ion Ratio Lower Upper

91 100

92 53.1 43.2 64.8

134 22.5 18.2 27.4





#71

2-Chlorotoluene

Concen: 8.914 ppbv

RT: 10.901 min Scan# 3411

Delta R.T. -0.000 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

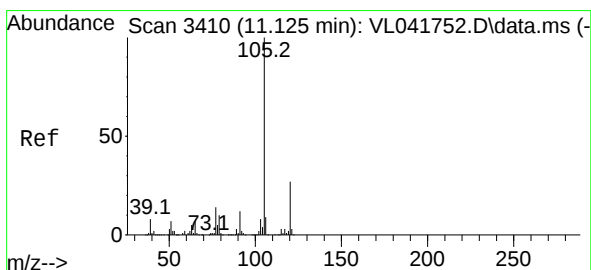
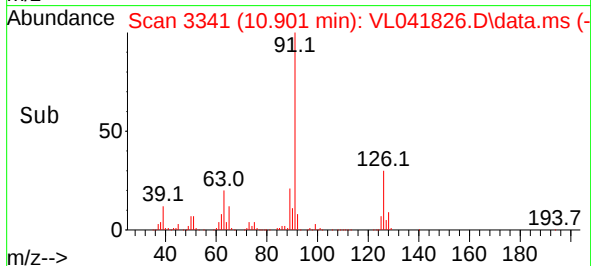
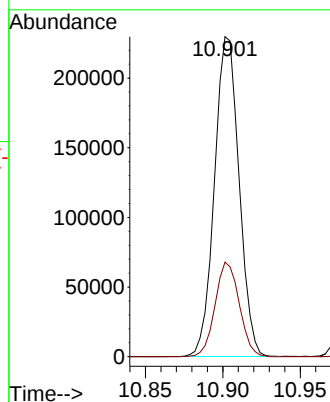
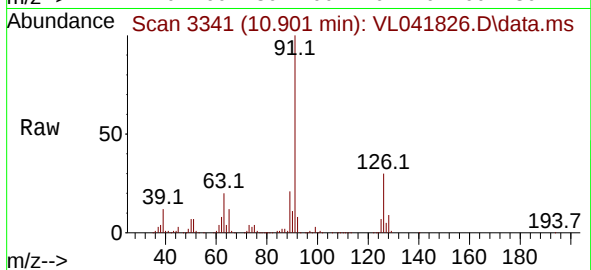
ClientSampleId :

Tgt Ion: 91 Resp: 253504

Ion Ratio Lower Upper

91 100

126 29.0 11.6 46.4



#72

4-Ethyltoluene

Concen: 9.309 ppbv

RT: 11.128 min Scan# 3411

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Tgt Ion:105 Resp: 272476

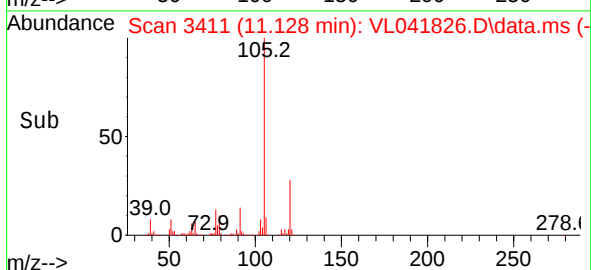
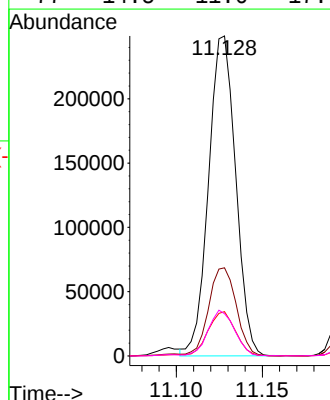
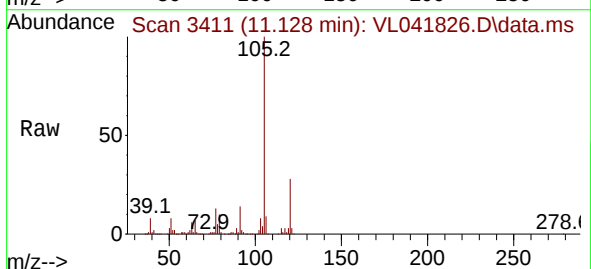
Ion Ratio Lower Upper

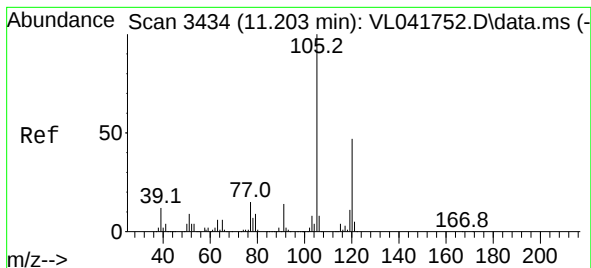
105 100

120 28.6 23.3 34.9

91 14.5 10.9 16.3

77 14.5 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 9.656 ppbv

RT: 11.206 min Scan# 3434

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

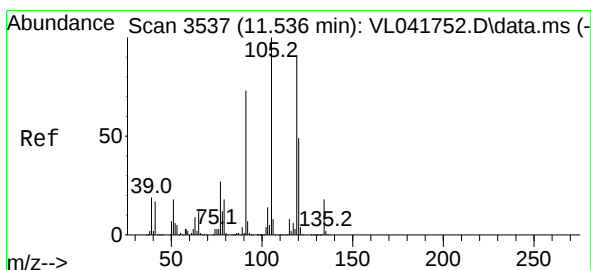
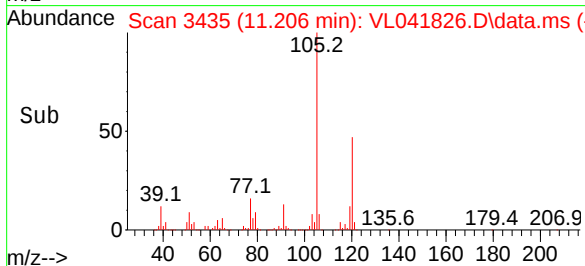
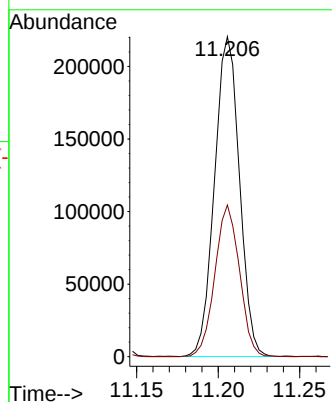
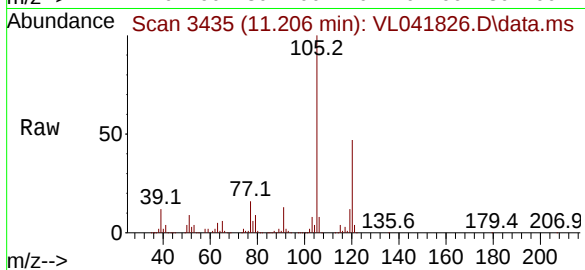
ClientSampleId :

Tgt Ion:105 Resp: 234493

Ion Ratio Lower Upper

105 100

120 47.4 37.4 56.2



#74

1,2,4-Trimethylbenzene

Concen: 9.701 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Tgt Ion:105 Resp: 253321

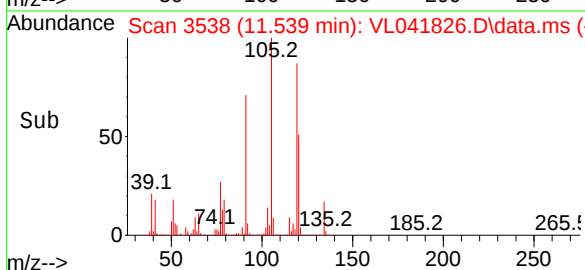
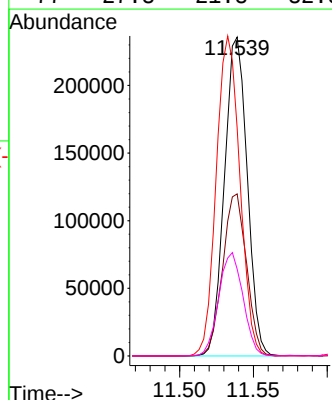
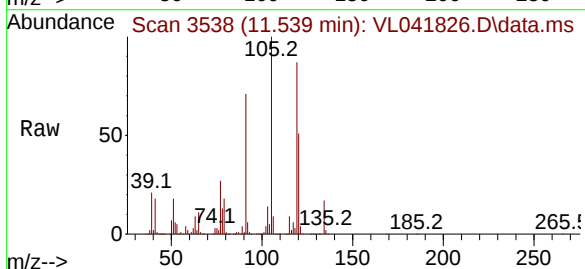
Ion Ratio Lower Upper

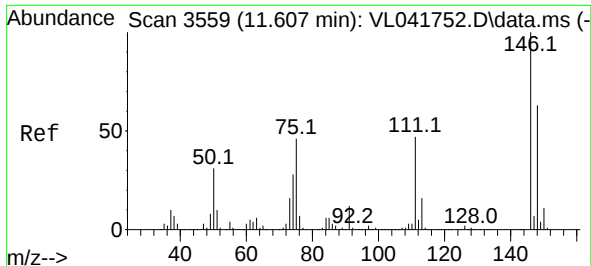
105 100

120 50.8 39.0 58.4

91 71.4 58.1 87.1

77 27.3 21.8 32.8





#75

1,3-Dichlorobenzene

Concen: 8.494 ppbv

RT: 11.607 min Scan# 3559

Delta R.T. -0.000 min MSVOA_L

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

ClientSampleId :

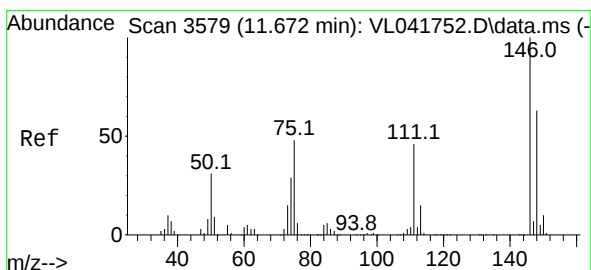
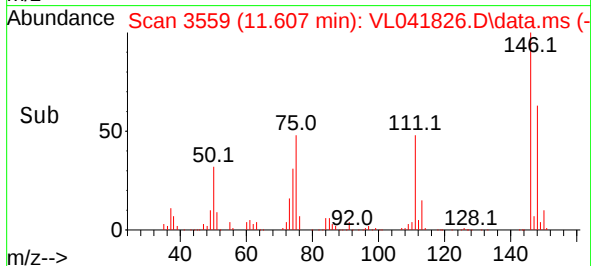
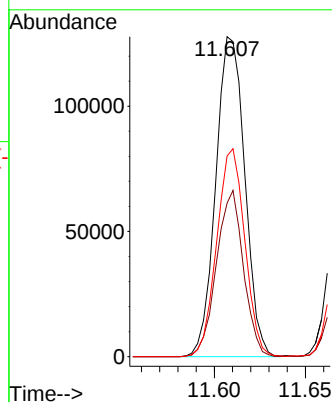
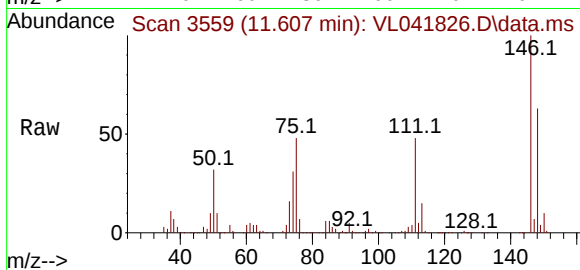
Tgt Ion:146 Resp: 141418

Ion Ratio Lower Upper

146 100

111 48.3 23.4 70.3

148 62.9 31.6 95.0



#76

1,4-Dichlorobenzene

Concen: 8.526 ppbv

RT: 11.672 min Scan# 3579

Delta R.T. -0.000 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

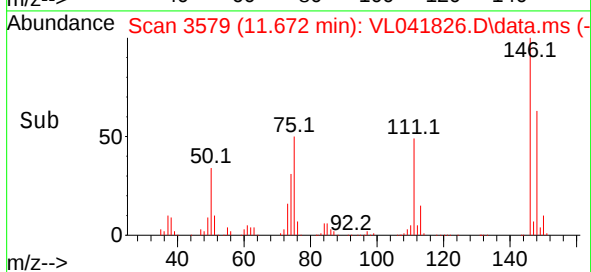
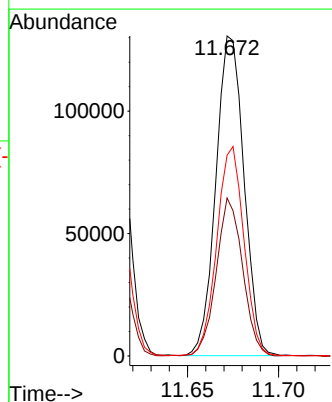
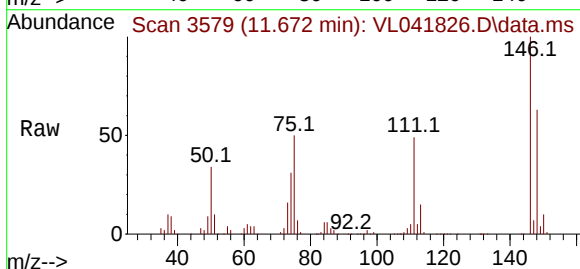
Tgt Ion:146 Resp: 140230

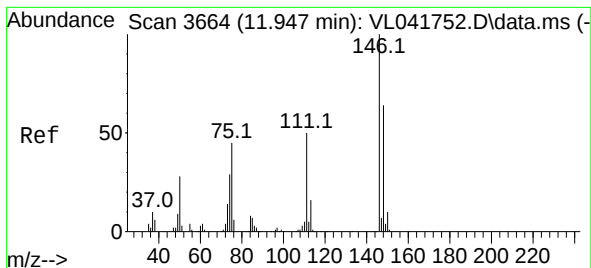
Ion Ratio Lower Upper

146 100

111 46.5 22.7 68.1

148 63.4 31.4 94.0





#77

1,2-Dichlorobenzene

Concen: 8.666 ppbv

RT: 11.947 min Scan# 3

Delta R.T. -0.000 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

ClientSampleId :

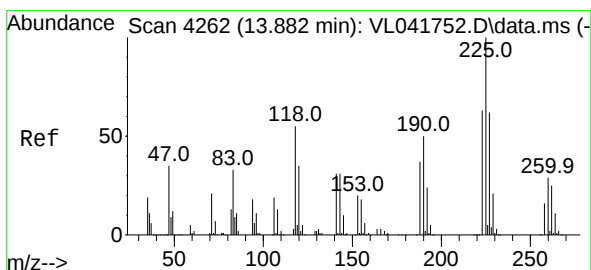
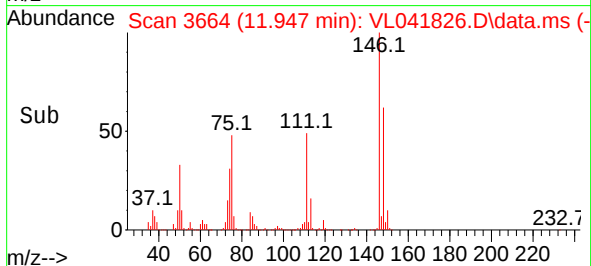
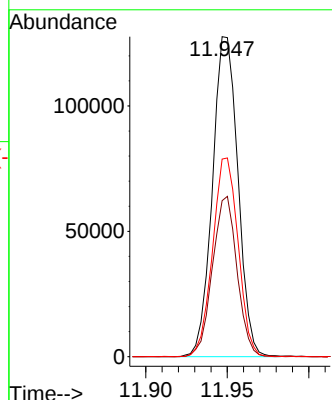
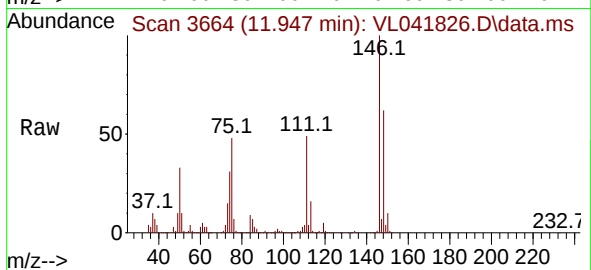
Tgt Ion:146 Resp: 138822

Ion Ratio Lower Upper

146 100

111 48.4 24.8 74.3

148 62.1 31.8 95.4



#78

Hexachloro-1,3-Butadiene

Concen: 6.679 ppbv

RT: 13.882 min Scan# 4262

Delta R.T. -0.000 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

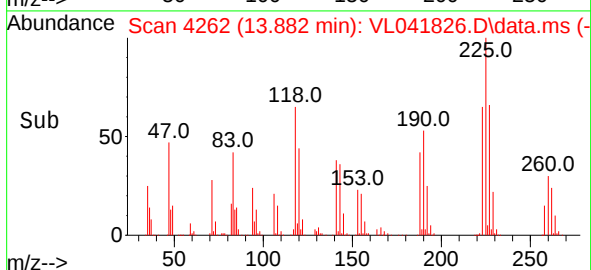
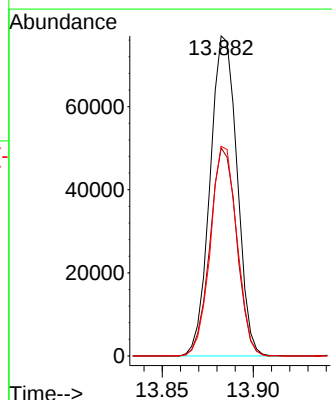
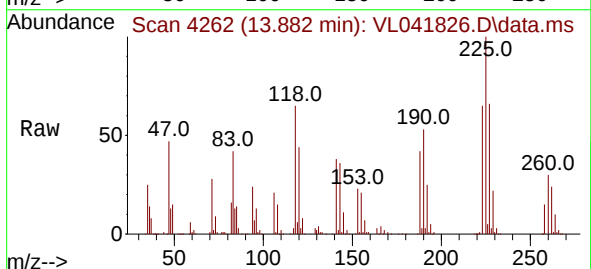
Tgt Ion:225 Resp: 79337

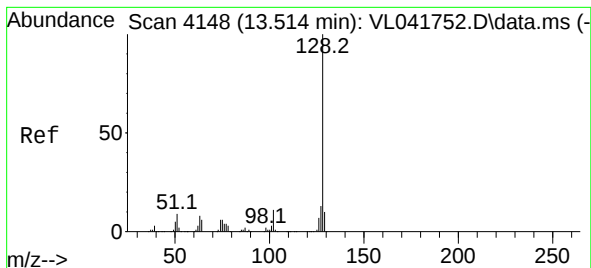
Ion Ratio Lower Upper

225 100

223 64.3 50.5 75.7

227 64.2 50.3 75.5





#79

Naphthalene

Concen: 9.138 ppbv

RT: 13.517 min Scan# 4149

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

ClientSampleId :

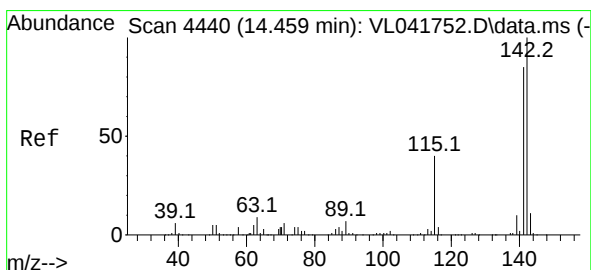
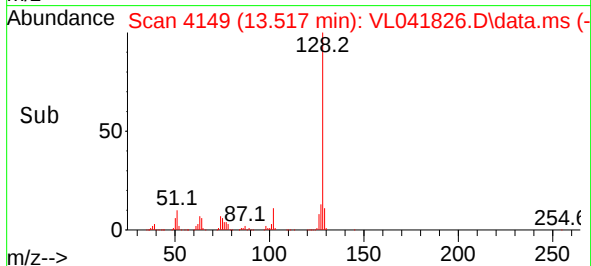
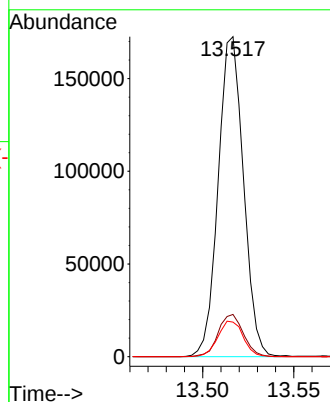
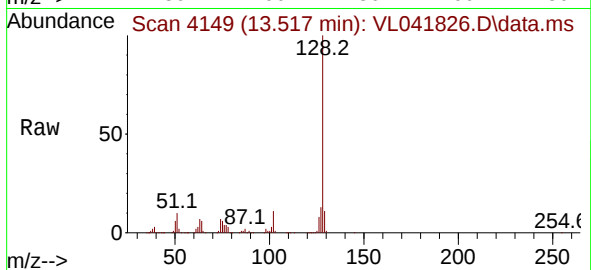
Tgt Ion:128 Resp: 166272

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.8 8.2 12.4



#80

Naphthalene,2-methyl-

Concen: 9.578 ppbv

RT: 14.462 min Scan# 4441

Delta R.T. 0.003 min

Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

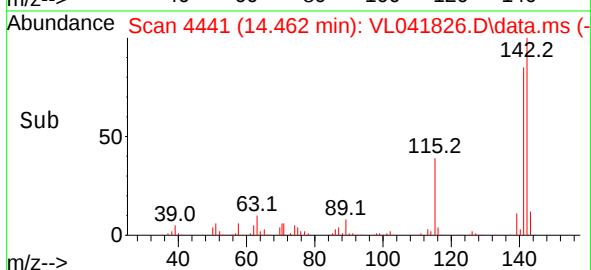
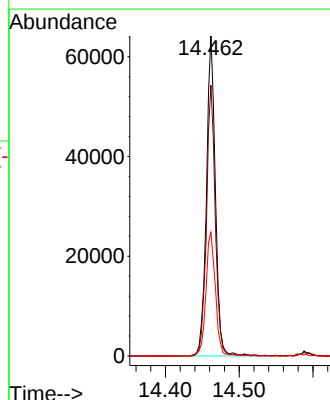
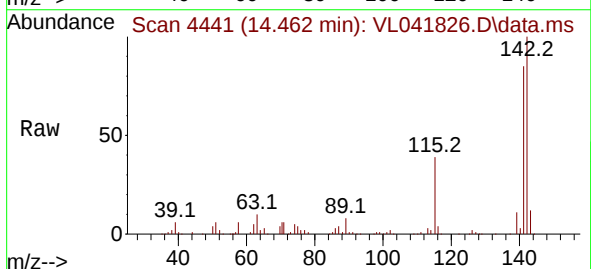
Tgt Ion:142 Resp: 53906

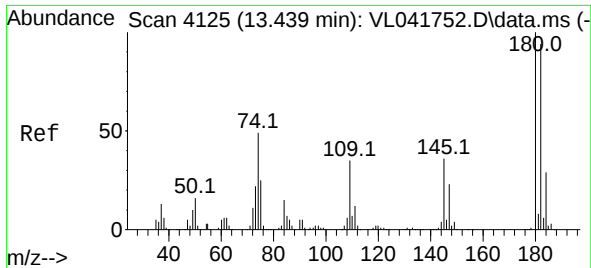
Ion Ratio Lower Upper

142 100

141 83.9 68.4 102.6

115 41.0 32.5 48.7





#81

1,2,4-Trichlorobenzene

Concen: 7.923 ppbv

RT: 13.442 min Scan# 41

Delta R.T. 0.003 min

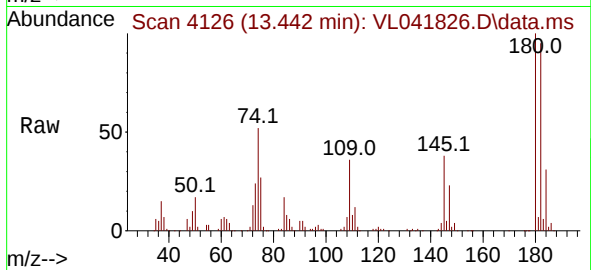
Lab File: VL041826.D

Acq: 19 Dec 2024 18:12

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 78774

Ion Ratio Lower Upper

180 100

182 95.0 77.0 115.6

184 30.7 23.8 35.8

