

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021725\
 Data File : VL042030.D
 Acq On : 17 Feb 2025 14:50
 Operator : SY/MD
 Sample : Q1168-15 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 18 00:26:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 18 00:13:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	90320	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.971	114	255456	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	227435	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	190973	10.180	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.560	85	730	0.047	ppbv	93
3) Chlorodifluoromethane	1.479	51	1656	0.096	ppbv #	82
4) Chloromethane	1.538	50	597	0.099	ppbv #	81
5) Vinyl Chloride	1.580	62	308	0.043	ppbv #	85
6) Bromomethane	1.670	94	125	0.045	ppbv #	42
7) Chloroethane	1.706	64	172	0.073	ppbv #	1
8) Dichlorotetrafluoroethane	1.560	85	730	0.053	ppbv #	76
9) Propene	1.489	41	796	0.107	ppbv #	41
10) Heptane	4.994	43	333	0.016	ppbv #	26
11) Trichlorofluoromethane	1.884	101	862	0.055	ppbv	91
12) 1,1,2-Trichlorotrifluo...	2.143	101	594	0.049	ppbv	86
13) Ethanol	1.434	45	91213	109.128	ppbv	75
14) Bromoethene	1.787	108	201	0.044	ppbv #	70
15) Acetone	1.845	43	3596	0.241	ppbv	94
16) 1,3-Butadiene	1.609	39	405	0.057	ppbv #	9
17) tert-Butyl alcohol	2.052	59	909	0.049	ppbv #	1
18) 1,1-Dichloroethene	2.042	96	366	0.063	ppbv #	46
19) Isopropyl Alcohol	1.434	45	91213	10.911	ppbv #	31
20) Methylene Chloride	2.068	84	2359	0.420	ppbv #	90
21) Allyl Chloride	2.104	41	715	0.066	ppbv #	24
22) trans-1,2-Dichloroethene	2.347	96	308	0.049	ppbv #	40
23) Vinyl Acetate	2.466	43	858	0.106	ppbv #	84
24) 1,1-Dichloroethane	2.418	63	669	0.052	ppbv #	58
25) Ethyl Acetate	2.835	43	2953	0.072	ppbv #	74
26) Hexane	2.835	57	5226	0.318	ppbv #	43
27) Carbon Disulfide	2.156	76	530	0.034	ppbv #	1
28) Methyl tert-Butyl Ether	2.454	73	364	0.036	ppbv #	1
29) Chloroform	2.858	83	1076	0.045	ppbv	97
30) Cyclohexane	3.858	84	236	0.018	ppbv #	1
31) cis-1,2-Dichloroethene	2.725	61	489	0.030	ppbv #	79
32) 1,1,1-Trichloroethane	3.227	97	75	0.003	ppbv	92
34) 2-Butanone	2.573	43	1431	0.065	ppbv #	86
35) Carbon Tetrachloride	3.777	117	834	0.034	ppbv #	37
36) Benzene	3.667	78	1064	0.034	ppbv #	75
37) 1,2-Dichloroethane	3.230	62	685	0.039	ppbv #	88
38) Trichloroethene	4.554	130	148	0.012	ppbv #	35
39) 1,2-Dichloropropane	3.971	63	66252	5.840	ppbv #	24
40) 1,4-Dioxane	4.654	88	33	0.006	ppbv #	1
41) Tetrahydrofuran	3.056	42	77	0.006	ppbv #	36
42) Bromodichloromethane	4.509	83	363	0.015	ppbv #	23
43) Methyl Methacrylate	4.891	69	83	0.006	ppbv #	1
44) 2,2,4-Trimethylpentane	4.658	57	1604	0.031	ppbv #	43
45) t-1,3-Dichloropropene	6.451	75	105	0.008	ppbv	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021725\
 Data File : VL042030.D
 Acq On : 17 Feb 2025 14:50
 Operator : SY/MD
 Sample : Q1168-15 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 18 00:26:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 18 00:13:37 2025
 Response via : Initial Calibration

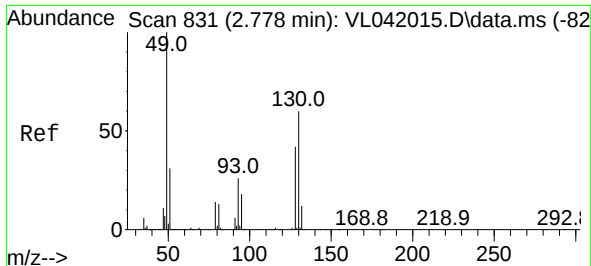
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.622	75	501	0.030	ppbv #	50
47) 1,1,2-Trichloroethane	6.600	97	106	0.009	ppbv #	34
48) Dibromochloromethane	7.406	129	668	0.033	ppbv	99
49) Bromoform	9.487	173	244	0.015	ppbv #	27
50) 4-Methyl-2-Pentanone	5.768	43	57	0.002	ppbv #	38
51) 2-Hexanone	7.454	43	127	0.005	ppbv #	26
52) Tetrachloroethene	8.231	164	84	0.008	ppbv #	59
53) Toluene	6.949	91	761	0.021	ppbv #	21
54) 1,2-Dibromoethane	7.677	107	323	0.020	ppbv	89
56) 1,1,1,2-Tetrachloroethane	8.946	131	1327	0.082	ppbv #	60
57) Chlorobenzene	8.940	112	727	0.027	ppbv #	88
58) Ethyl Benzene	9.360	91	1035	0.021	ppbv	91
59) m/p-Xylene	9.542	91	399	0.010	ppbv #	1
60) o-Xylene	9.975	91	770	0.019	ppbv #	1
61) Styrene	9.882	104	446	0.024	ppbv #	46
62) Isopropylbenzene	10.552	105	2124	0.036	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.979	83	1242	0.049	ppbv #	74
64) n-propylbenzene	11.001	120	717	0.049	ppbv	83
65) tert-Butylbenzene	11.545	119	2338	0.045	ppbv	92
66) Benzyl Chloride	11.629	91	173	0.033	ppbv #	82
67) sec-Butylbenzene	11.781	105	3206	0.044	ppbv	98
69) p-Isopropyltoluene	11.937	119	2233	0.037	ppbv #	90
70) n-Butylbenzene	12.293	91	1703	0.029	ppbv #	84
71) 2-Chlorotoluene	10.917	91	1861	0.042	ppbv	100
72) 4-Ethyltoluene	11.131	105	988	0.021	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.215	105	939	0.023	ppbv	93
74) 1,2,4-Trimethylbenzene	11.545	105	1745	0.041	ppbv #	89
75) 1,3-Dichlorobenzene	11.623	146	841	0.036	ppbv #	64
76) 1,4-Dichlorobenzene	11.675	146	279	0.012	ppbv #	1
77) 1,2-Dichlorobenzene	11.956	146	407	0.018	ppbv #	1
78) Hexachloro-1,3-Butadiene	13.889	225	569	0.031	ppbv #	46
79) Naphthalene	13.523	128	1262	0.030	ppbv #	85
80) Naphthalene,2-methyl-	14.516	142	34	0.002	ppbv	97
81) 1,2,4-Trichlorobenzene	13.448	180	475	0.028	ppbv #	79

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

Instrument :
MSVOA_L
ClientSampleId :

Instrument :
MSVOA_L
ClientSampleId :

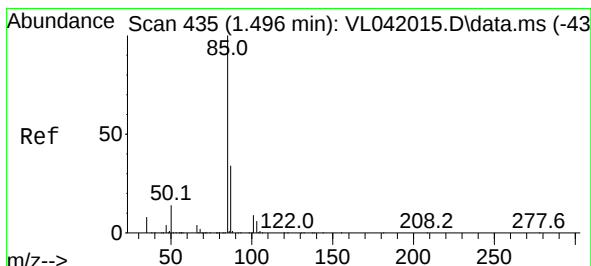
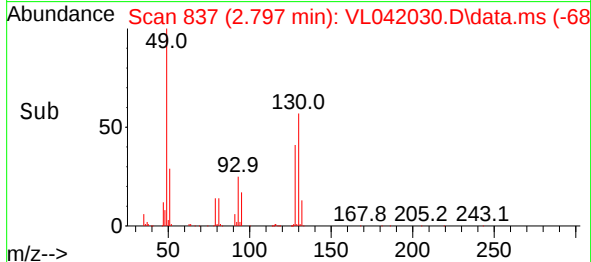
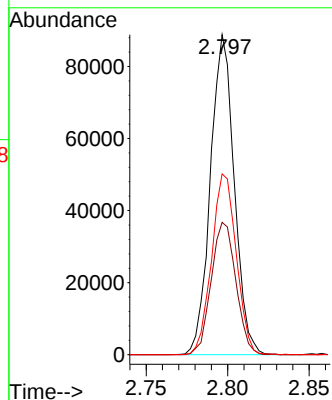
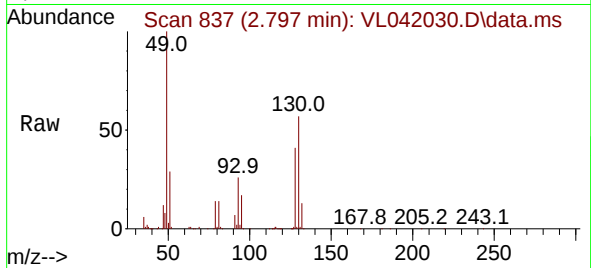




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 831
Delta R.T. -0.003 min
Lab File: VL042030.D
Acq: 17 Feb 2025 14:50

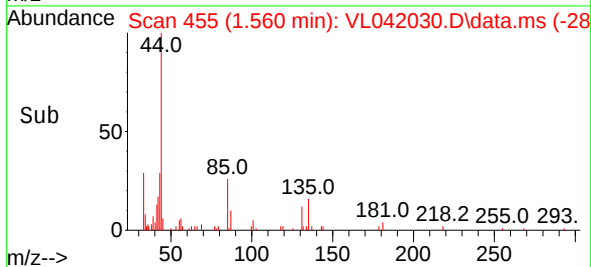
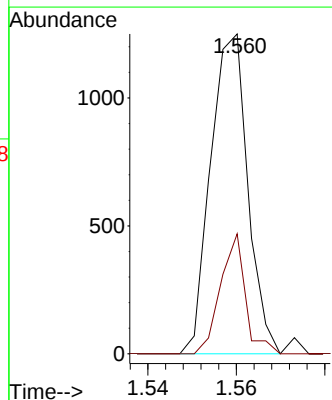
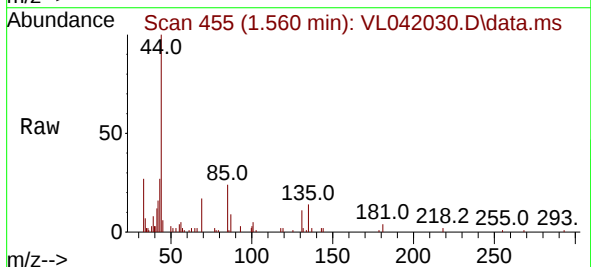
Instrument :
MSVOA_L
ClientSampleId :

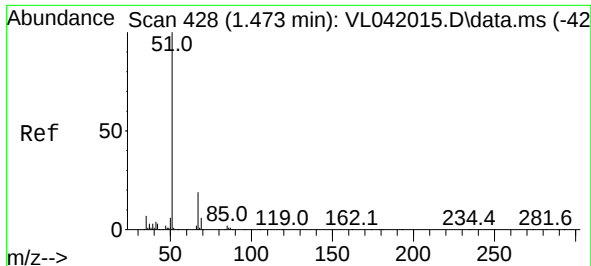
Tgt Ion: 49 Resp: 90320
Ion Ratio Lower Upper
49 100
128 42.9 22.7 68.0
130 58.4 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 0.047 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.058 min
Lab File: VL042030.D
Acq: 17 Feb 2025 14:50

Tgt Ion: 85 Resp: 730
Ion Ratio Lower Upper
85 100
87 37.5 26.9 40.3





#3

Chlorodifluoromethane

Concen: 0.096 ppbv

RT: 1.479 min Scan# 441

Delta R.T. 0.000 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

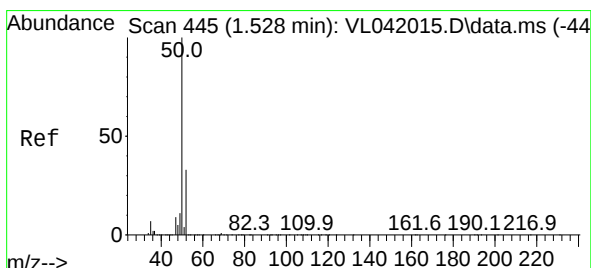
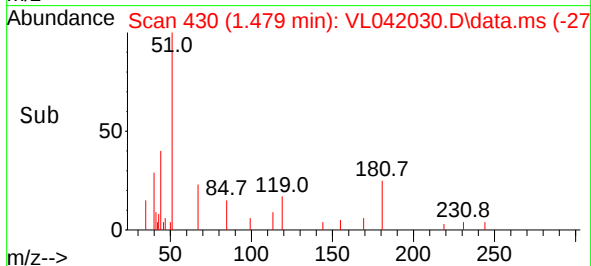
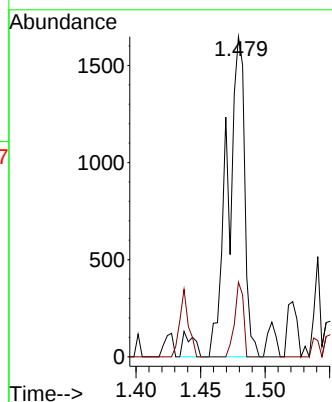
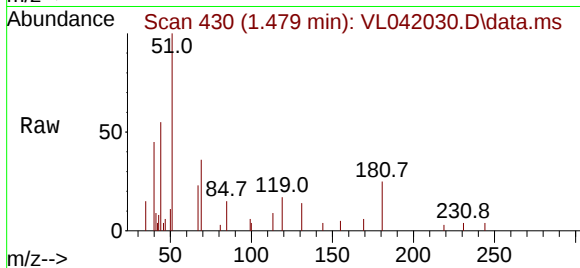
ClientSampleId :

Tgt Ion: 51 Resp: 1656

Ion Ratio Lower Upper

51 100

67 10.9 15.0 22.6#



#4

Chloromethane

Concen: 0.099 ppbv

RT: 1.538 min Scan# 448

Delta R.T. 0.000 min

Lab File: VL042030.D

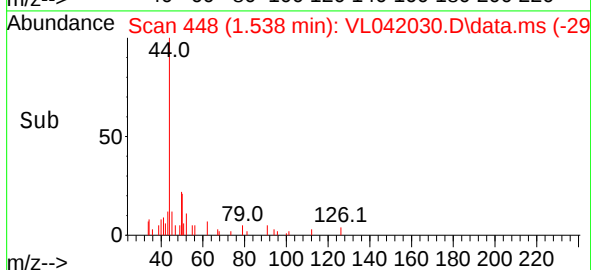
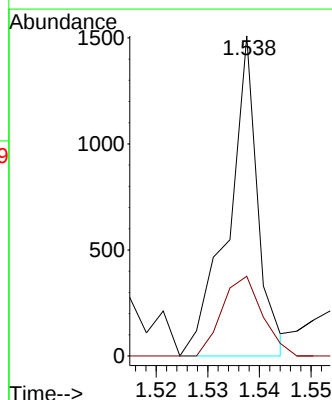
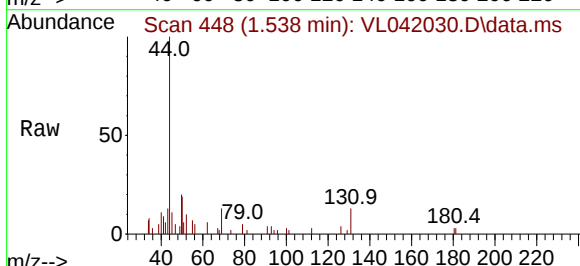
Acq: 17 Feb 2025 14:50

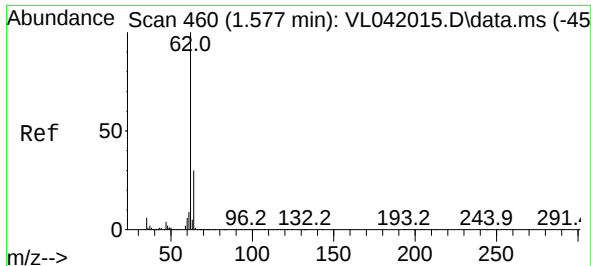
Tgt Ion: 50 Resp: 597

Ion Ratio Lower Upper

50 100

52 21.8 26.2 39.2#

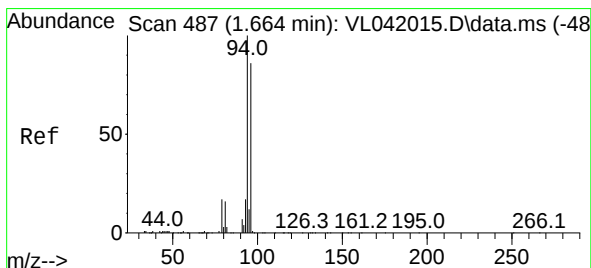
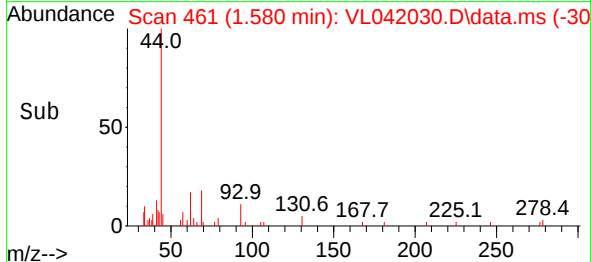
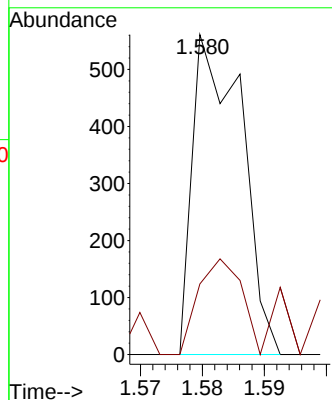
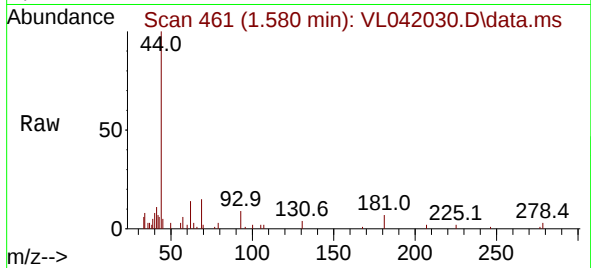




#5
 Vinyl Chloride
 Concen: 0.043 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.006 min
 Lab File: VL042030.D
 Acq: 17 Feb 2025 14:50

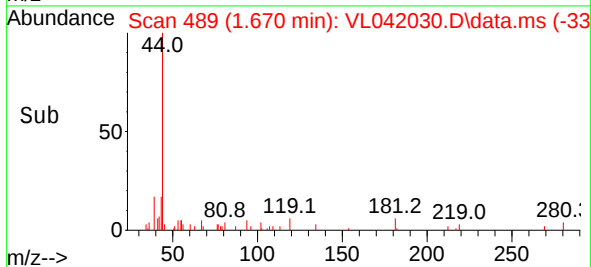
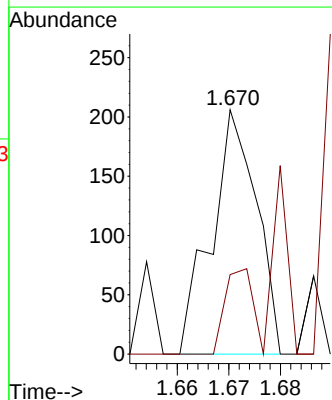
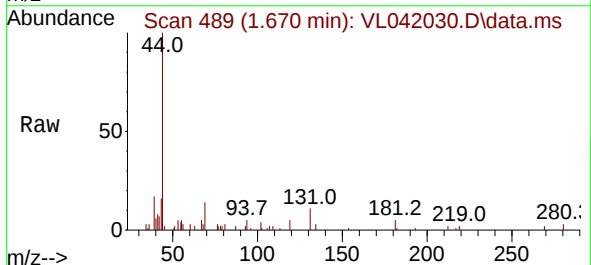
Instrument :
 MSVOA_L
 ClientSampleId :

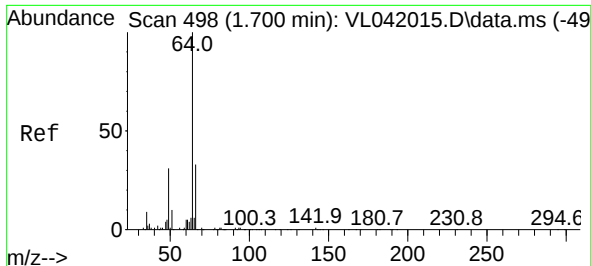
Tgt Ion: 62 Resp: 308
 Ion Ratio Lower Upper
 62 100
 64 22.1 24.4 36.6#



#6
 Bromomethane
 Concen: 0.045 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.003 min
 Lab File: VL042030.D
 Acq: 17 Feb 2025 14:50

Tgt Ion: 94 Resp: 125
 Ion Ratio Lower Upper
 94 100
 96 32.5 69.0 103.6#

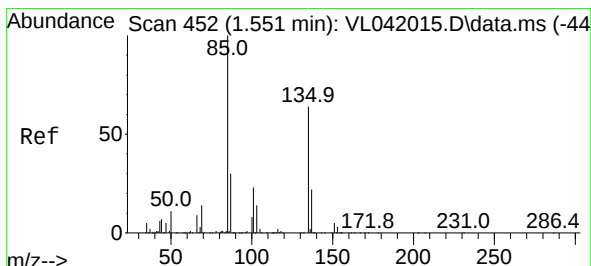
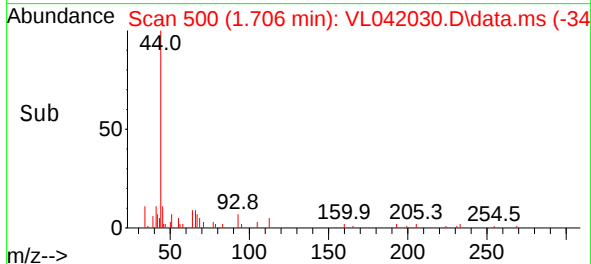
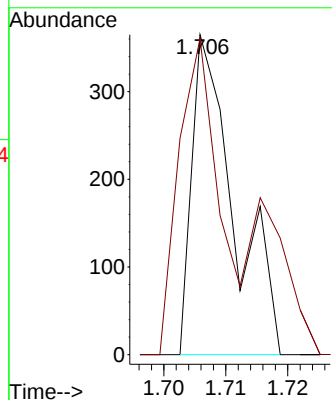
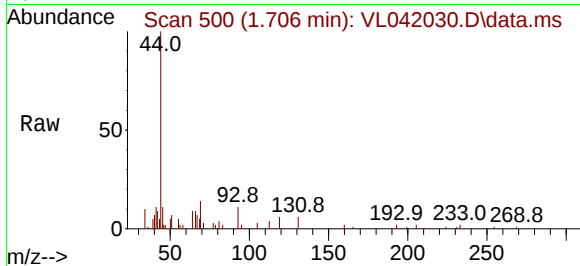




#7
Chloroethane
Concen: 0.073 ppbv
RT: 1.706 min Scan# 50
Delta R.T. -0.003 min
Lab File: VL042030.D
Acq: 17 Feb 2025 14:50

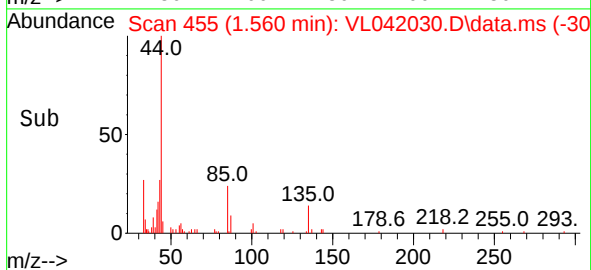
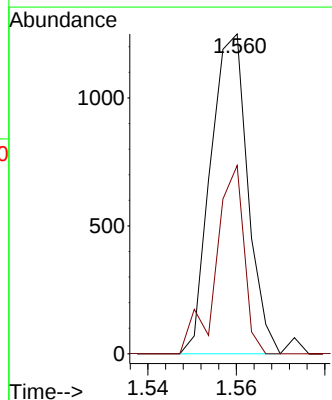
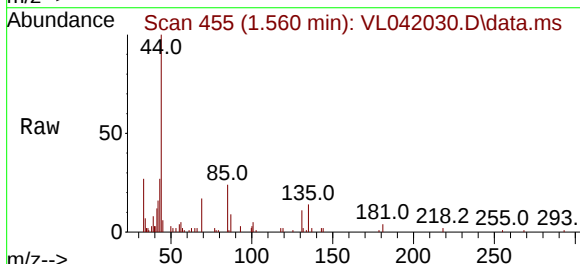
Instrument :
MSVOA_L
ClientSampleId :

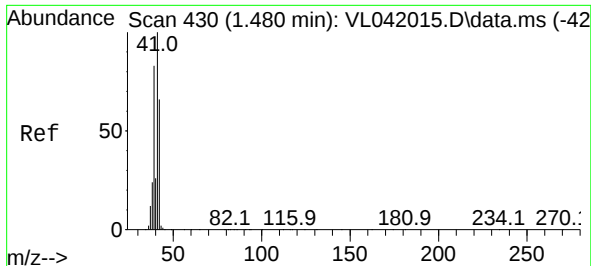
Tgt Ion: 64 Resp: 172
Ion Ratio Lower Upper
64 100
66 98.9 26.5 39.7#



#8
Dichlorotetrafluoroethane
Concen: 0.053 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.000 min
Lab File: VL042030.D
Acq: 17 Feb 2025 14:50

Tgt Ion: 85 Resp: 730
Ion Ratio Lower Upper
85 100
135 44.5 50.9 76.3#





#9

Propene

Concen: 0.107 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

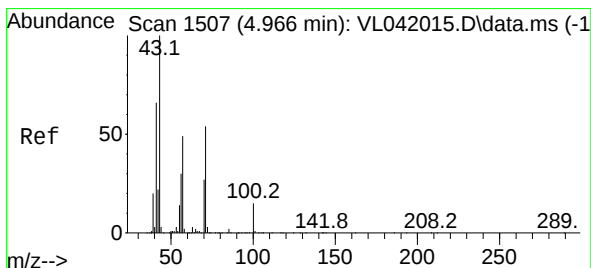
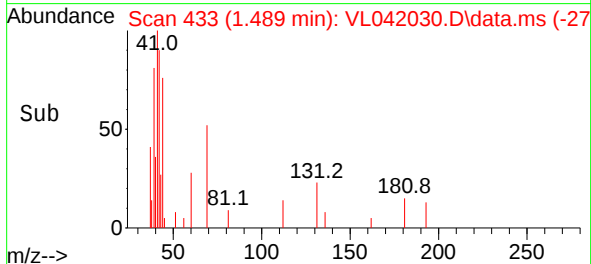
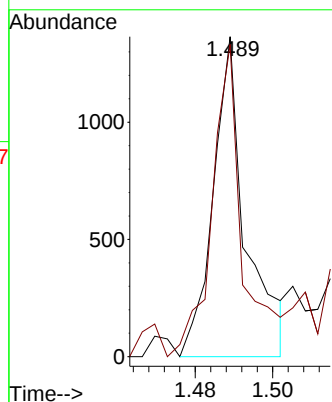
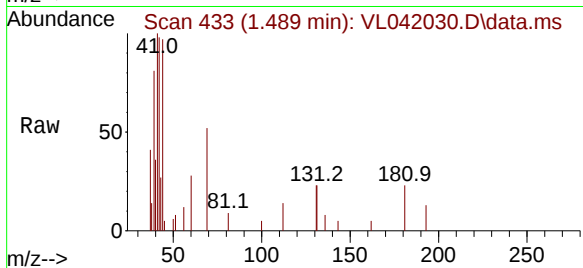
ClientSampleId :

Tgt Ion: 41 Resp: 796

Ion Ratio Lower Upper

41 100

42 113.9 53.5 80.3#



#10

Heptane

Concen: 0.016 ppbv

RT: 4.994 min Scan# 1516

Delta R.T. -0.010 min

Lab File: VL042030.D

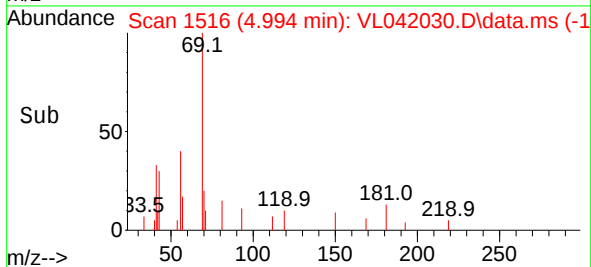
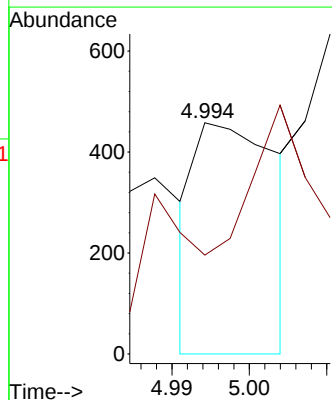
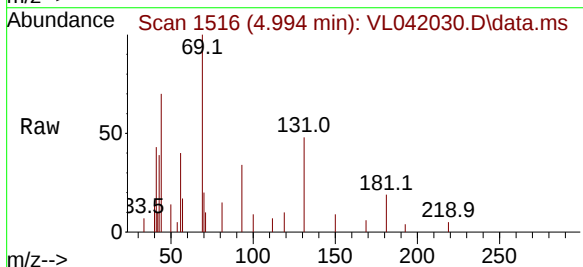
Acq: 17 Feb 2025 14:50

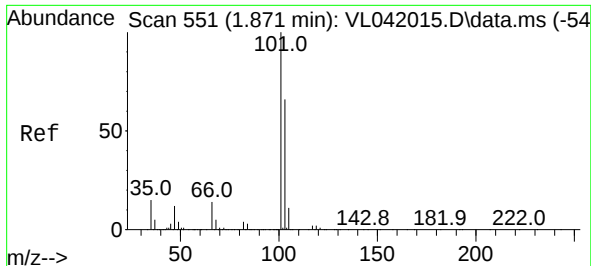
Tgt Ion: 43 Resp: 333

Ion Ratio Lower Upper

43 100

57 0.0 41.0 61.6#





#11

Trichlorofluoromethane

Concen: 0.055 ppbv

RT: 1.884 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

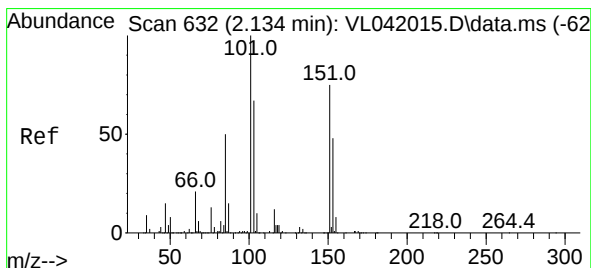
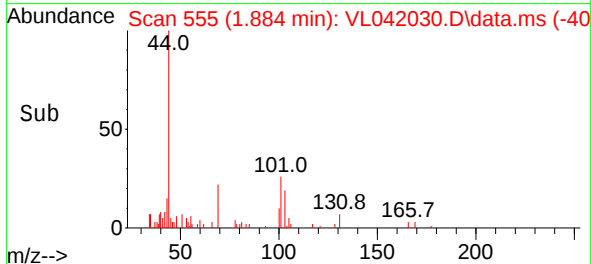
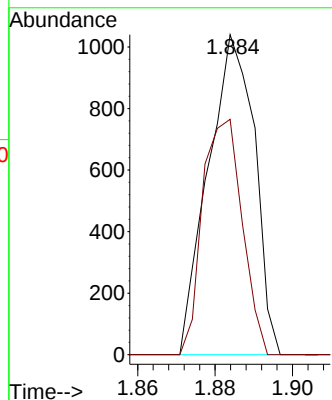
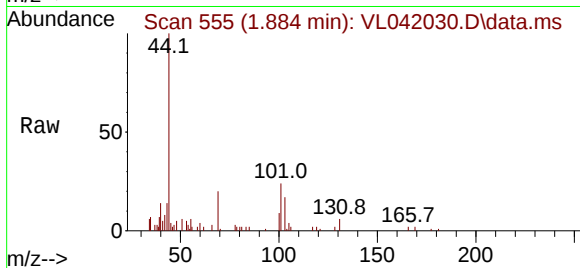
ClientSampleId :

Tgt Ion:101 Resp: 862

Ion Ratio Lower Upper

101 100

103 73.6 52.9 79.3



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.049 ppbv

RT: 2.143 min Scan# 635

Delta R.T. -0.006 min

Lab File: VL042030.D

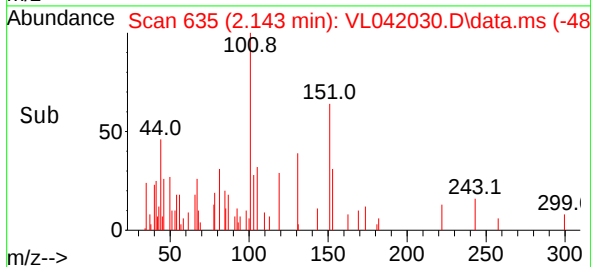
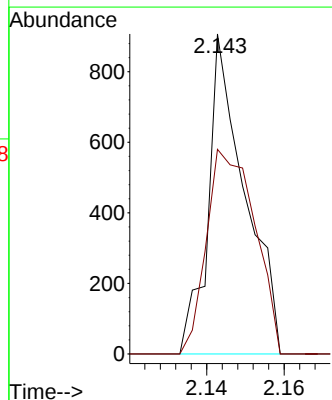
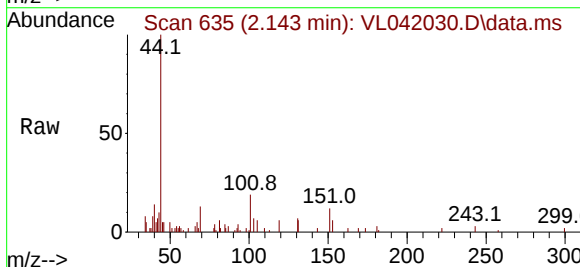
Acq: 17 Feb 2025 14:50

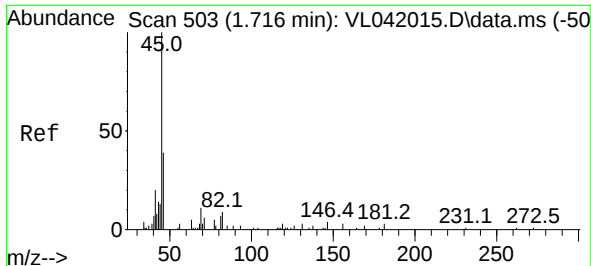
Tgt Ion:101 Resp: 594

Ion Ratio Lower Upper

101 100

151 84.7 58.2 87.2





#13

Ethanol

Concen: 109.128 ppbv

RT: 1.434 min Scan# 416

Delta R.T. -0.294 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

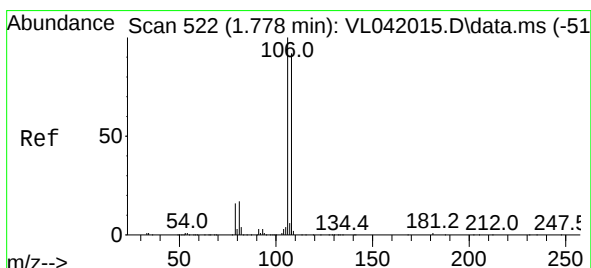
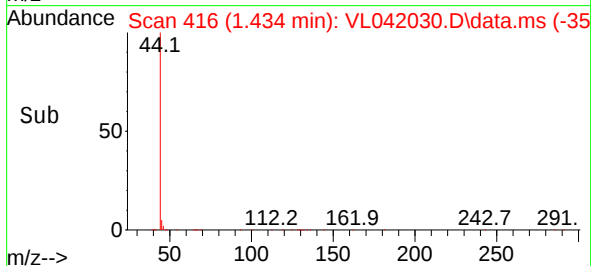
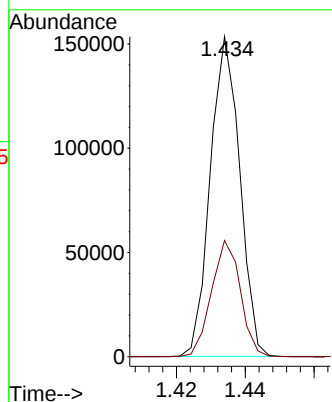
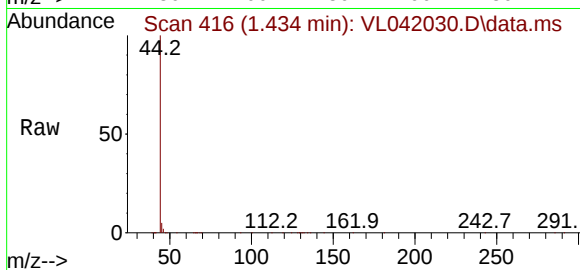
ClientSampleId :

Tgt Ion: 45 Resp: 91213

Ion Ratio Lower Upper

45 100

46 35.7 21.3 85.1



#14

Bromoethene

Concen: 0.044 ppbv

RT: 1.787 min Scan# 525

Delta R.T. 0.000 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

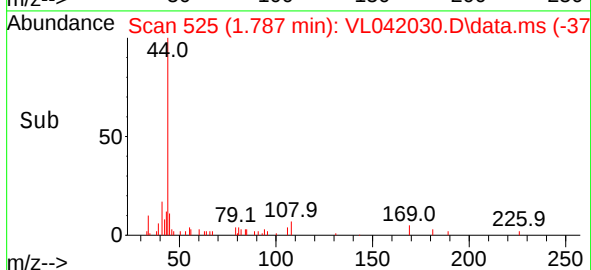
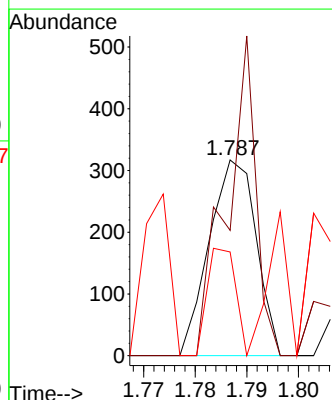
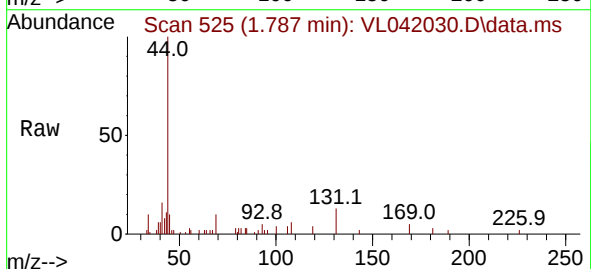
Tgt Ion:108 Resp: 201

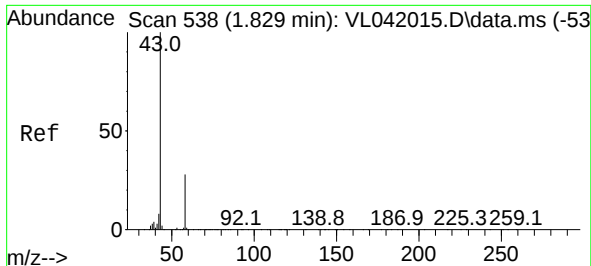
Ion Ratio Lower Upper

108 100

106 117.9 85.0 127.6

79 79.1 17.3 25.9#





#15

Acetone

Concen: 0.241 ppbv

RT: 1.845 min Scan# 54

Delta R.T. 0.003 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

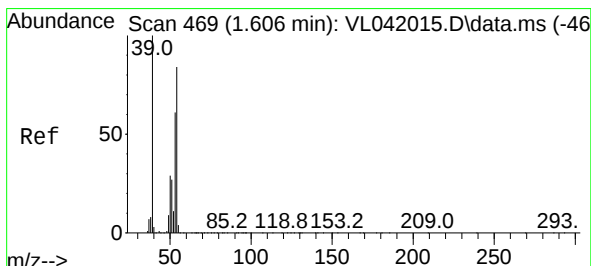
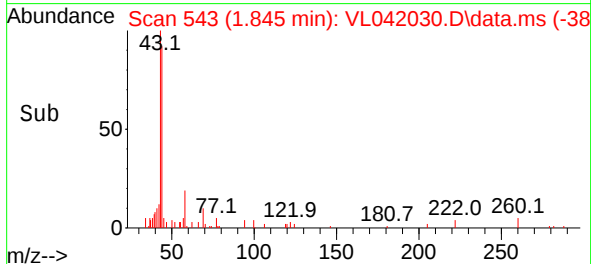
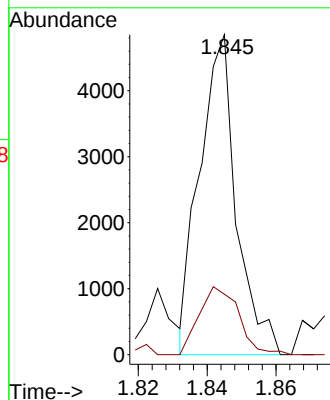
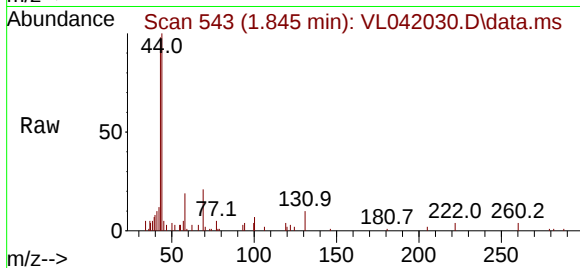
ClientSampleId :

Tgt Ion: 43 Resp: 3596

Ion Ratio Lower Upper

43 100

58 25.6 22.9 34.3



#16

1,3-Butadiene

Concen: 0.057 ppbv

RT: 1.609 min Scan# 470

Delta R.T. -0.006 min

Lab File: VL042030.D

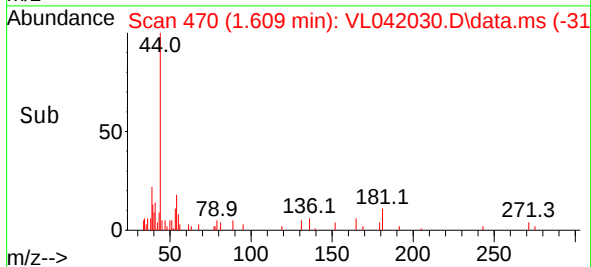
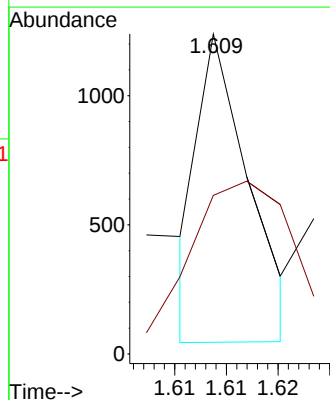
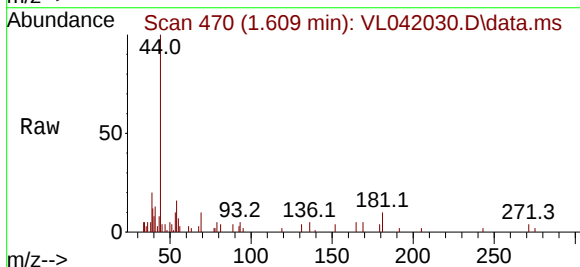
Acq: 17 Feb 2025 14:50

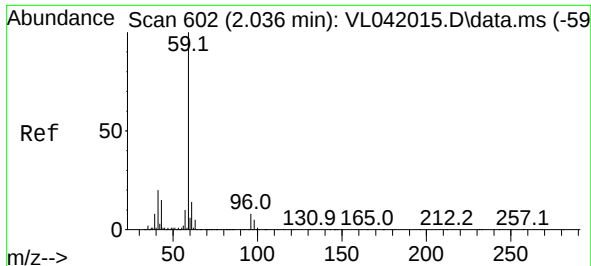
Tgt Ion: 39 Resp: 405

Ion Ratio Lower Upper

39 100

54 151.6 59.4 89.2#





#17

tert-Butyl alcohol

Concen: 0.049 ppbv

RT: 2.052 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

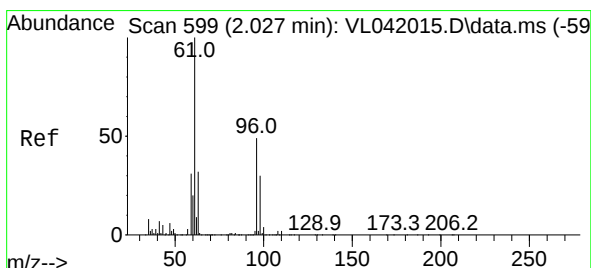
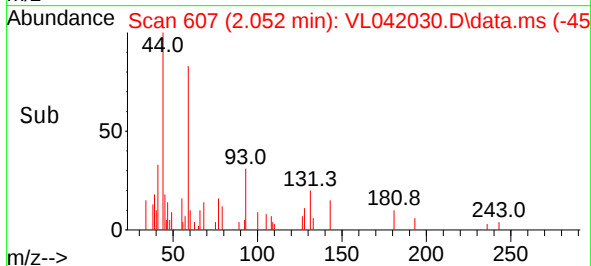
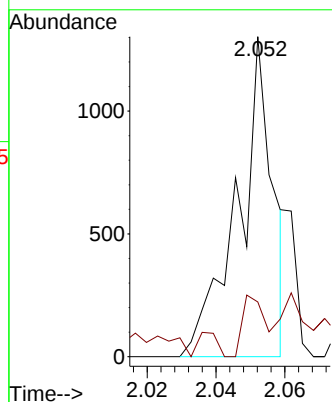
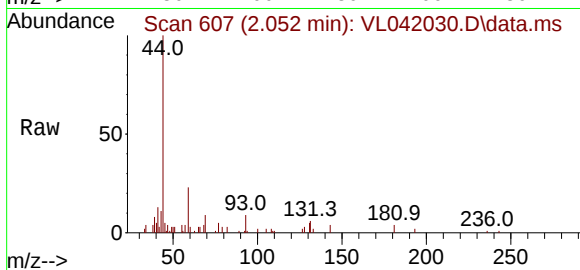
ClientSampleId :

Tgt Ion: 59 Resp: 909

Ion Ratio Lower Upper

59 100

57 58.3 9.2 13.8#



#18

1,1-Dichloroethene

Concen: 0.063 ppbv

RT: 2.042 min Scan# 604

Delta R.T. 0.000 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

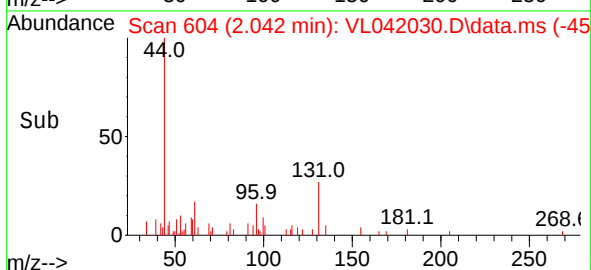
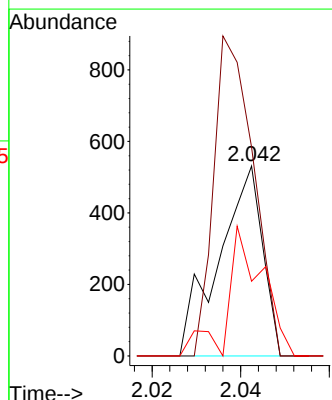
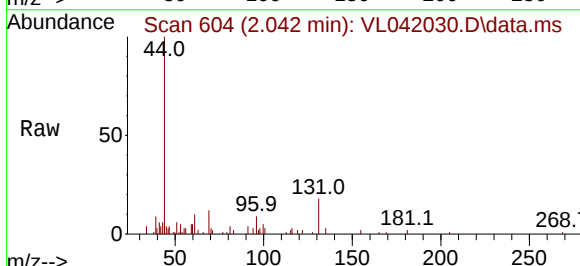
Tgt Ion: 96 Resp: 366

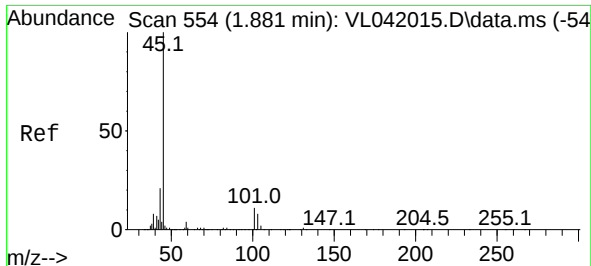
Ion Ratio Lower Upper

96 100

61 110.0 163.5 245.3#

98 39.4 49.4 74.0#





#19

Isopropyl Alcohol

Concen: 10.911 ppbv

RT: 1.434 min Scan# 416

Delta R.T. -0.460 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

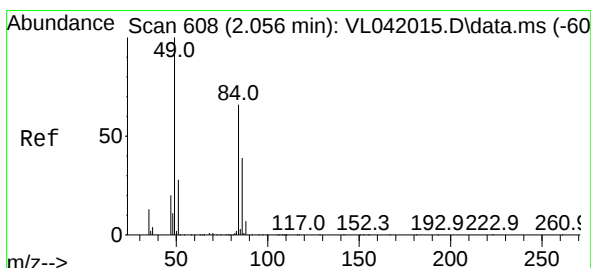
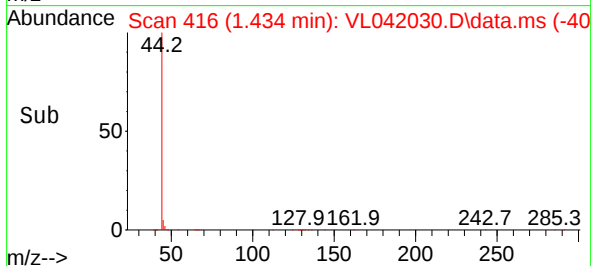
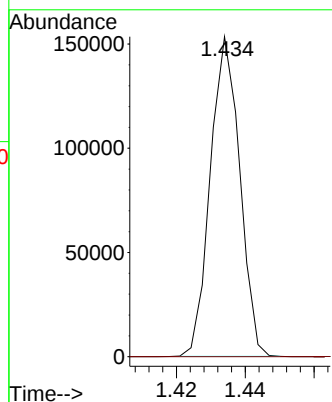
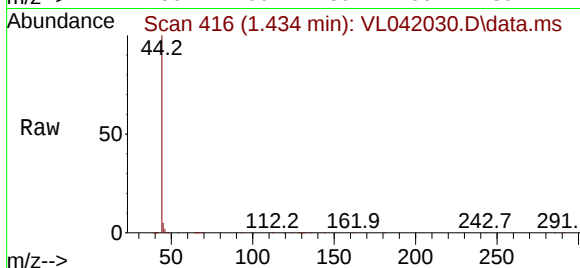
ClientSampleId :

Tgt Ion: 45 Resp: 91213

Ion Ratio Lower Upper

45 100

58 0.1 36.2 54.4#



#20

Methylene Chloride

Concen: 0.420 ppbv

RT: 2.068 min Scan# 612

Delta R.T. 0.000 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Tgt Ion: 84 Resp: 2359

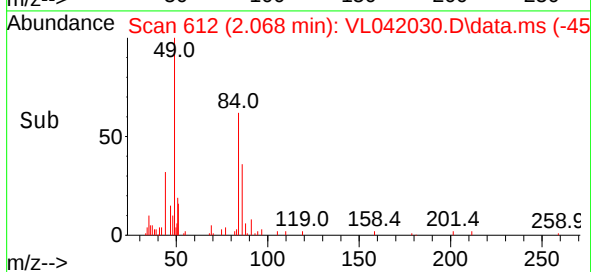
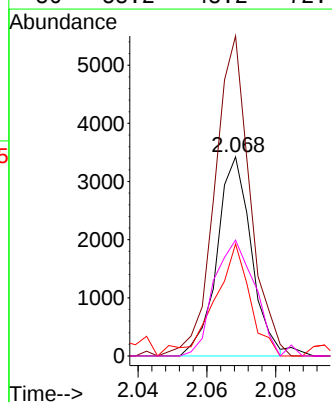
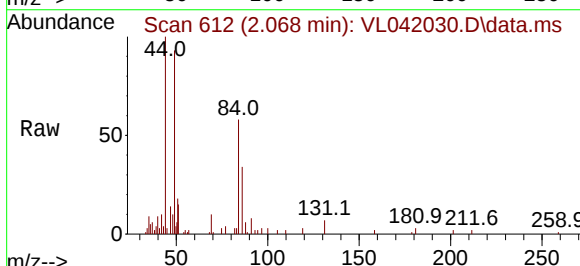
Ion Ratio Lower Upper

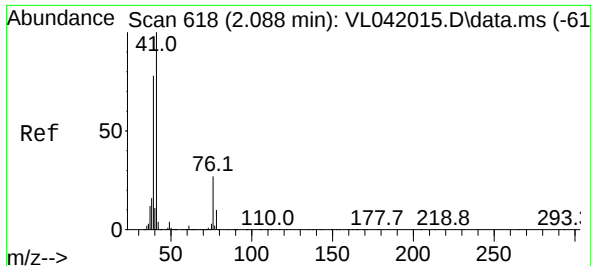
84 100

49 164.0 121.0 181.4

51 56.3 35.1 52.7#

86 58.2 48.2 72.4





#21

Allyl Chloride

Concen: 0.066 ppbv

RT: 2.104 min Scan# 61

Delta R.T. 0.000 min

Lab File: VL042030.D

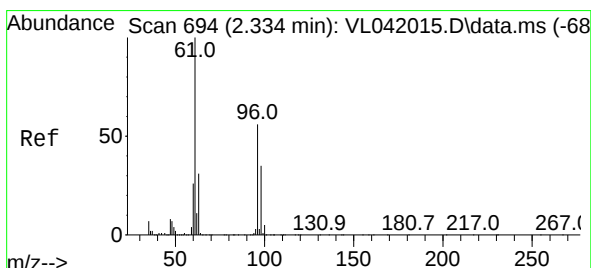
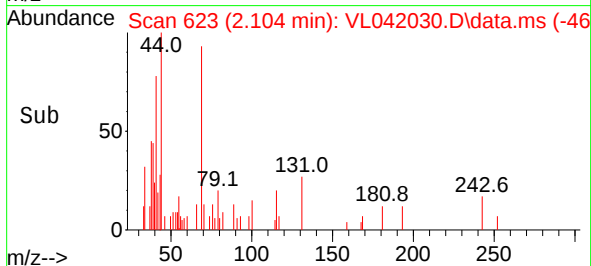
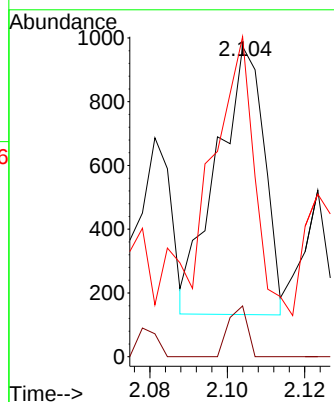
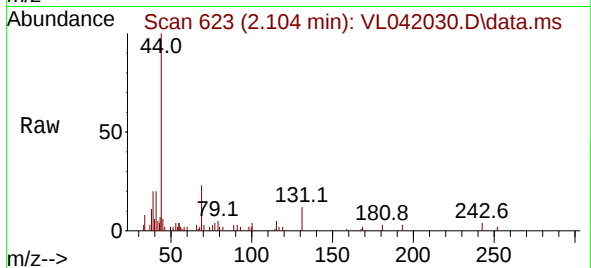
Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	41	Resp:	715
Ion	Ratio	Lower	Upper
41	100		
76	0.0	23.7	35.5#
39	152.7	63.0	94.6#



#22

trans-1,2-Dichloroethene

Concen: 0.049 ppbv

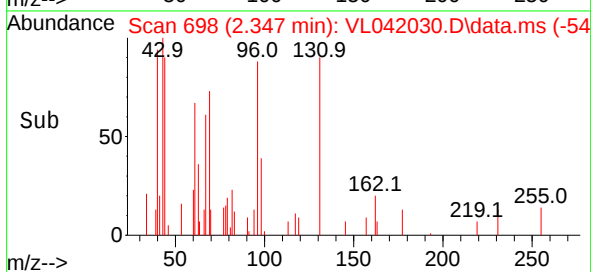
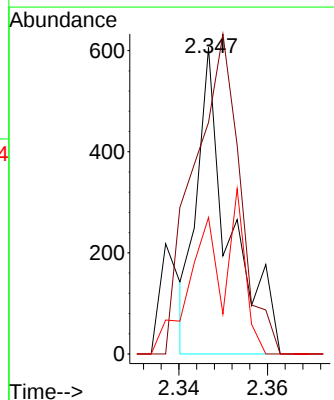
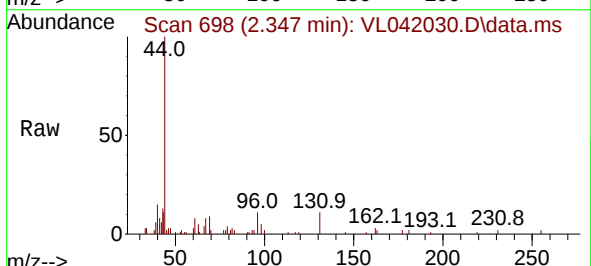
RT: 2.347 min Scan# 698

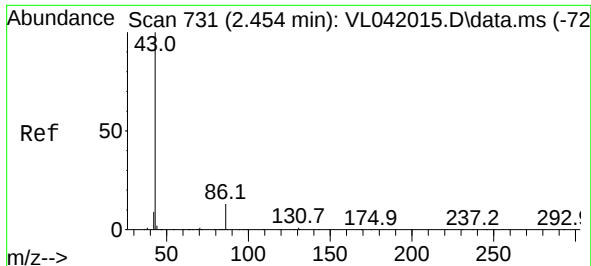
Delta R.T. -0.003 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Tgt Ion:	96	Resp:	308
Ion	Ratio	Lower	Upper
96	100		
61	75.6	142.3	213.5#
98	44.6	50.2	75.2#





#23

Vinyl Acetate

Concen: 0.106 ppbv

RT: 2.466 min Scan# 719

Delta R.T. -0.006 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 858

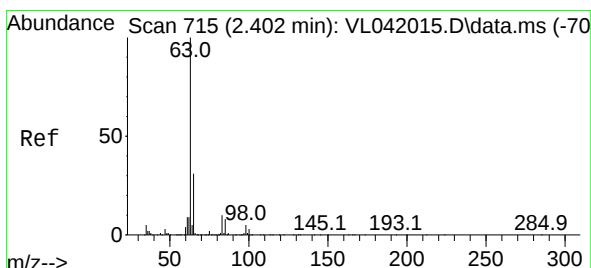
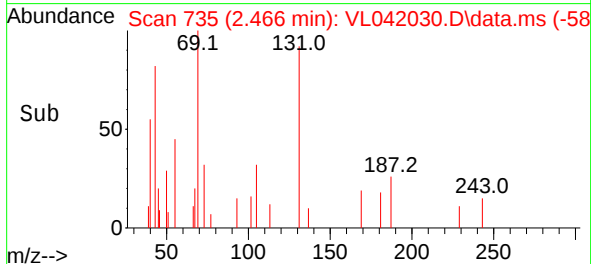
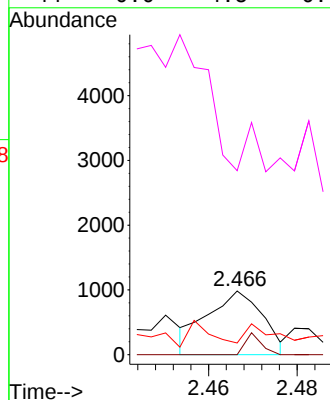
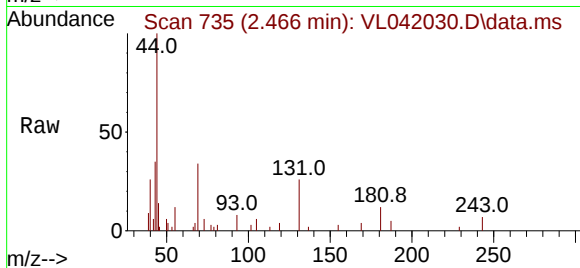
Ion Ratio Lower Upper

43 100

86 0.0 8.1 12.1#

42 8.0 7.5 11.3

44 0.0 4.5 6.7#



#24

1,1-Dichloroethane

Concen: 0.052 ppbv

RT: 2.418 min Scan# 720

Delta R.T. 0.000 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

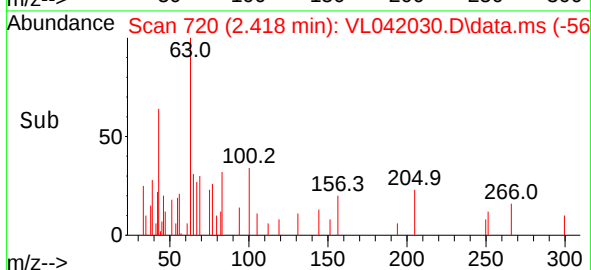
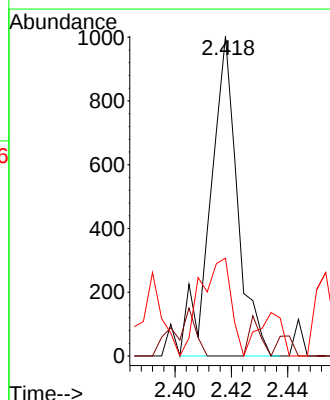
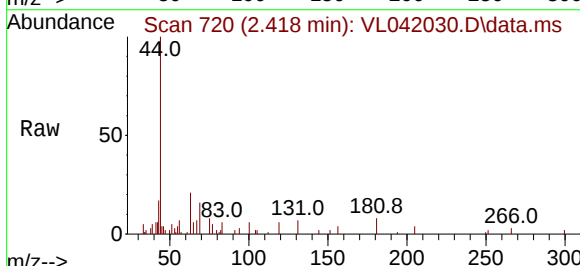
Tgt Ion: 63 Resp: 669

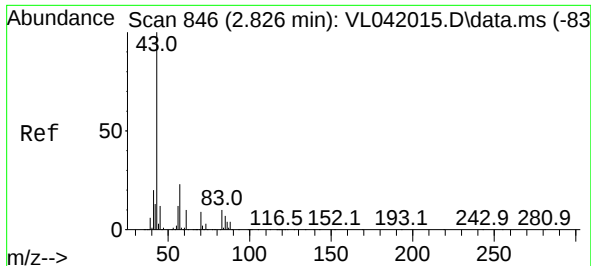
Ion Ratio Lower Upper

63 100

98 0.0 2.4 7.2#

100 30.6 1.6 4.8#





#25

Ethyl Acetate

Concen: 0.072 ppbv

RT: 2.835 min Scan# 849

Delta R.T. -0.013 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 2953

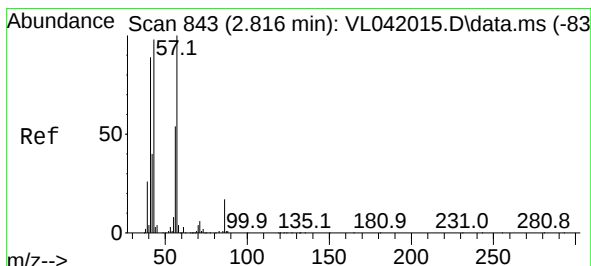
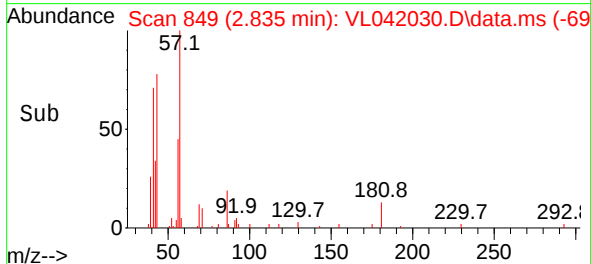
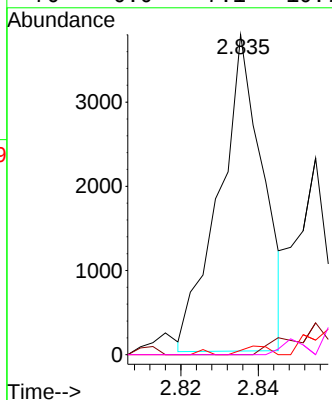
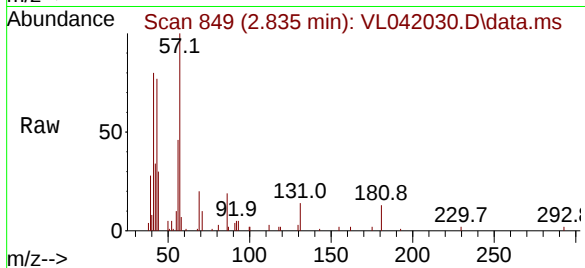
Ion Ratio Lower Upper

43 100

45 0.0 8.1 12.1#

61 0.0 7.5 11.3#

70 0.0 7.1 10.7#



#26

Hexane

Concen: 0.318 ppbv

RT: 2.835 min Scan# 849

Delta R.T. -0.003 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Tgt Ion: 57 Resp: 5226

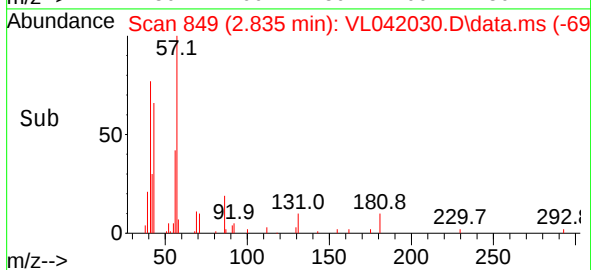
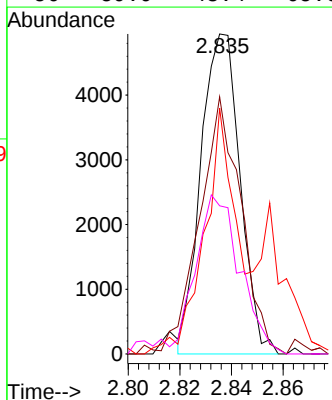
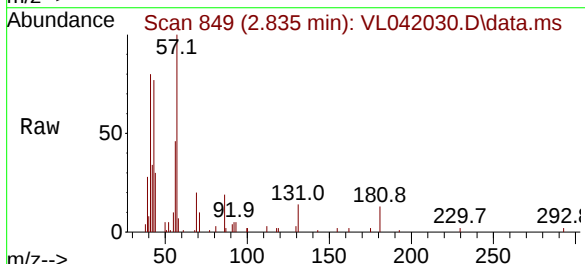
Ion Ratio Lower Upper

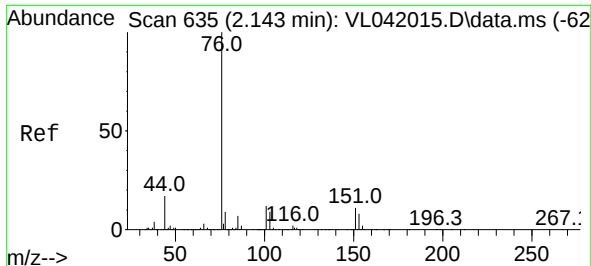
57 100

41 88.2 73.2 109.8

43 98.4 200.8 301.2#

56 59.9 43.4 65.0





#27

Carbon Disulfide

Concen: 0.034 ppbv

RT: 2.156 min Scan# 61

Delta R.T. -0.003 min

Lab File: VL042030.D

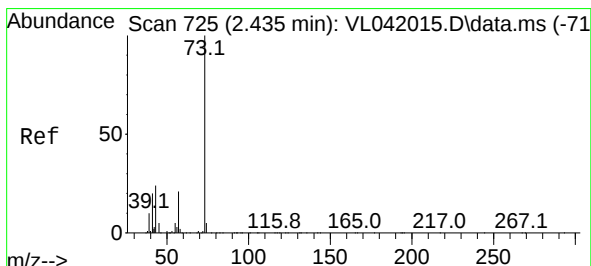
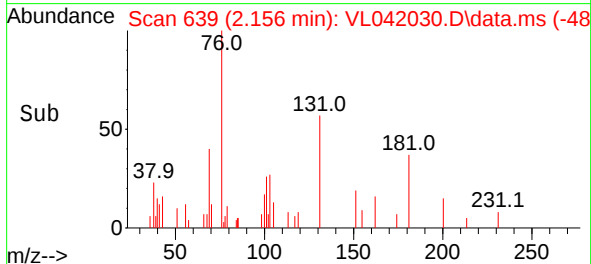
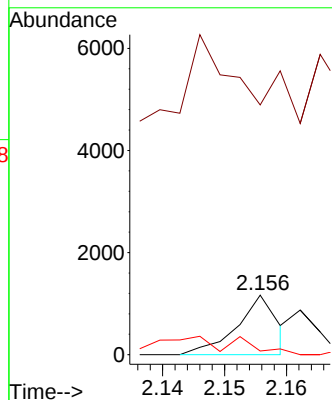
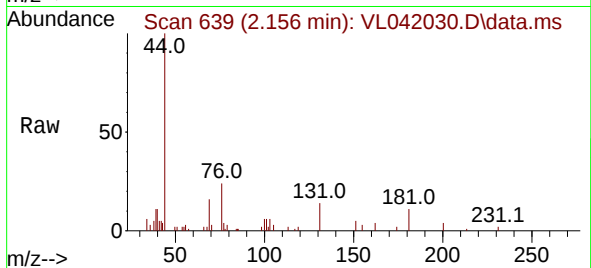
Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 76	Resp: 530
Ion Ratio	Lower Upper
76	100
44	1522.5 18.1 27.1#
78	67.2 9.5 14.3#



#28

Methyl tert-Butyl Ether

Concen: 0.036 ppbv

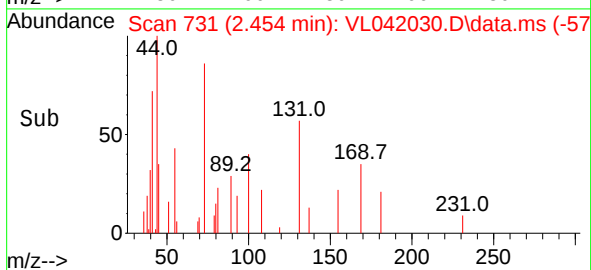
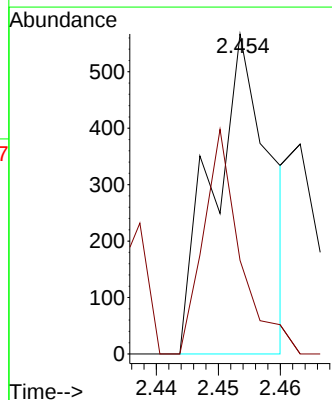
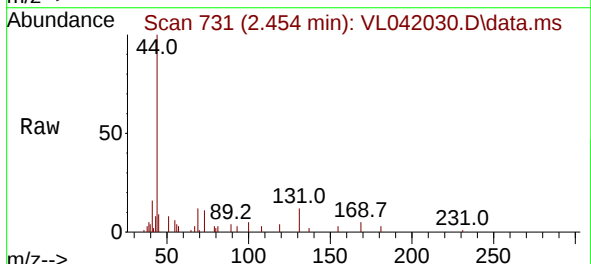
RT: 2.454 min Scan# 731

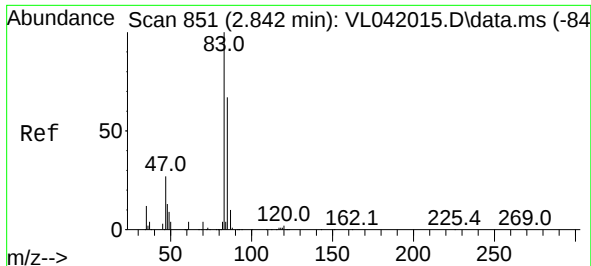
Delta R.T. 0.000 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Tgt Ion: 73	Resp: 364
Ion Ratio	Lower Upper
73	100
57	82.7 18.3 27.5#





#29

Chloroform

Concen: 0.045 ppbv

RT: 2.858 min Scan# 851

Delta R.T. -0.003 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

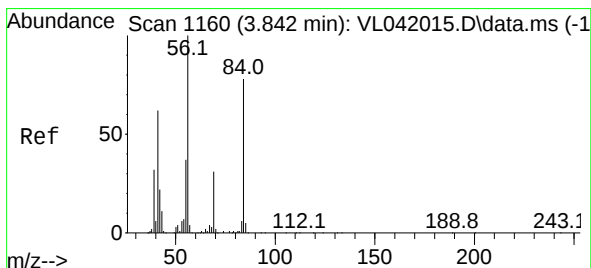
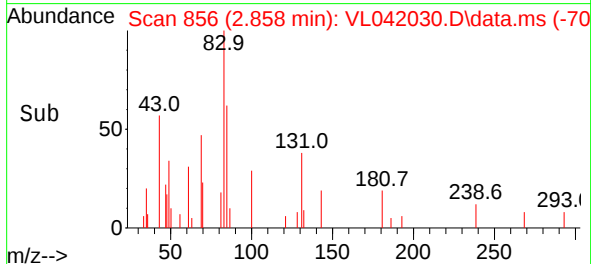
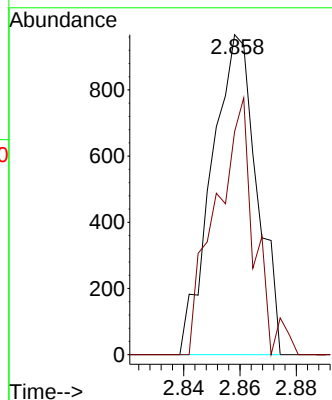
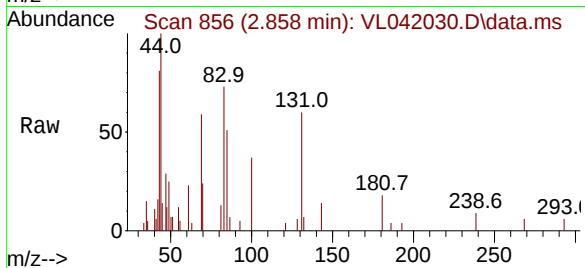
ClientSampleId :

Tgt Ion: 83 Resp: 1076

Ion Ratio Lower Upper

83 100

85 69.7 53.8 80.6



#30

Cyclohexane

Concen: 0.018 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. -0.016 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

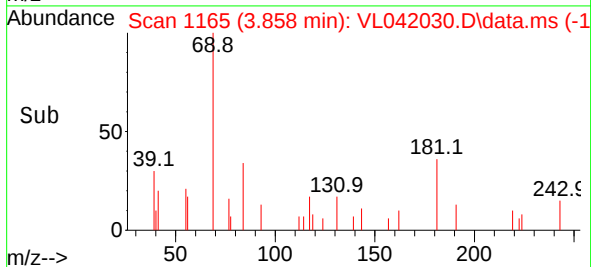
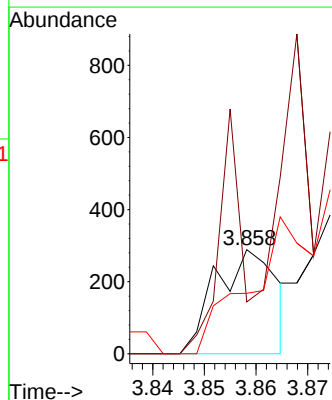
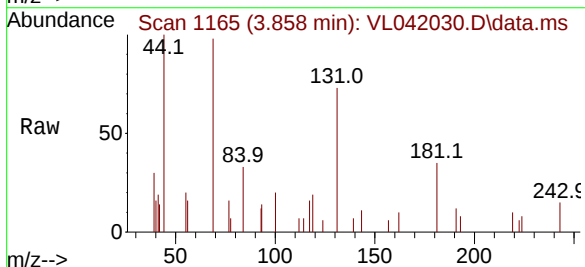
Tgt Ion: 84 Resp: 236

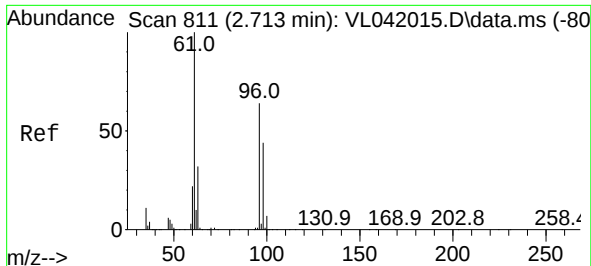
Ion Ratio Lower Upper

84 100

56 437.3 99.5 149.3#

41 0.0 62.2 93.2#





#31

cis-1,2-Dichloroethene

Concen: 0.030 ppbv

RT: 2.725 min Scan# 811

Delta R.T. -0.006 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

ClientSampleId :

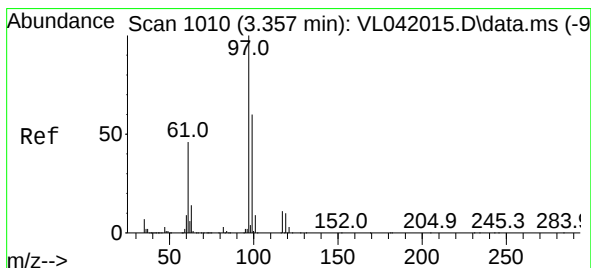
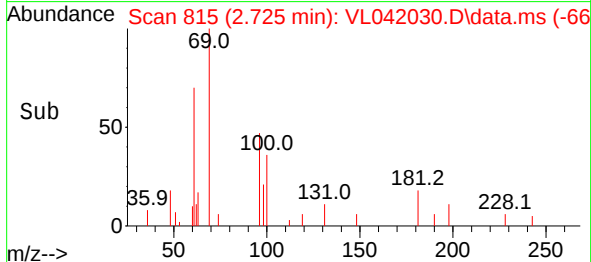
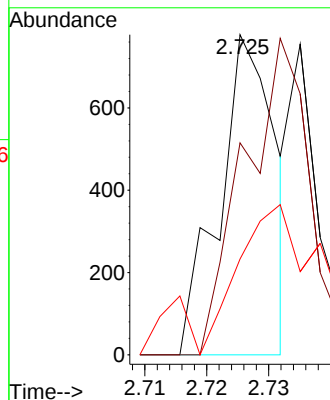
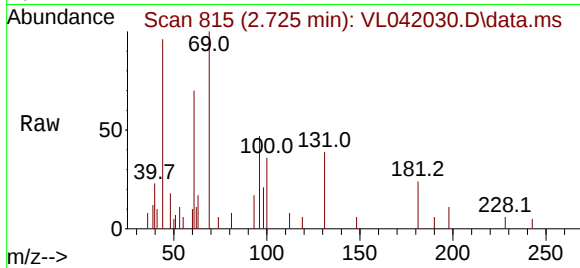
Tgt Ion: 61 Resp: 489

Ion Ratio Lower Upper

61 100

96 66.2 51.6 77.4

98 11.6 34.8 52.2#



#32

1,1,1-Trichloroethane

Concen: 0.003 ppbv

RT: 3.227 min Scan# 970

Delta R.T. -0.155 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

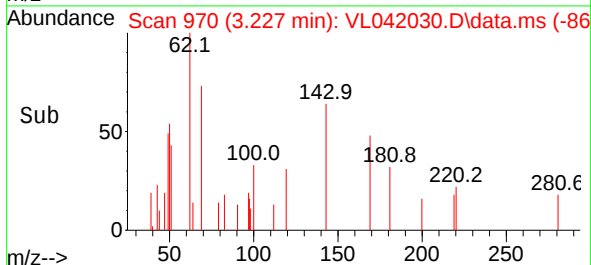
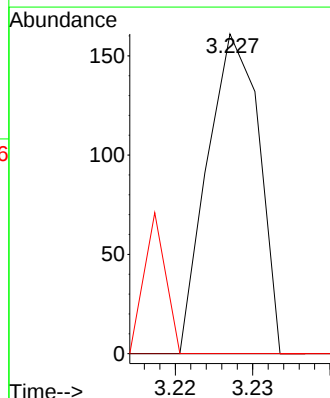
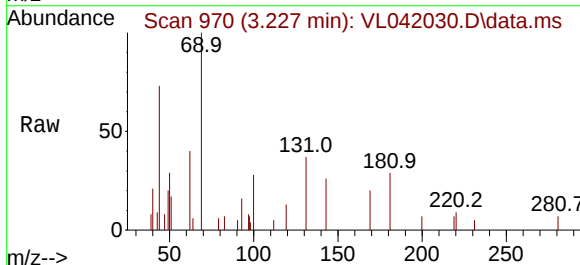
Tgt Ion: 97 Resp: 75

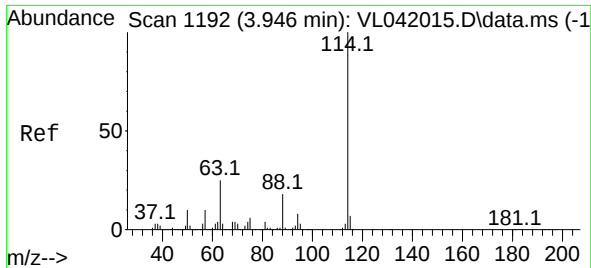
Ion Ratio Lower Upper

97 100

99 66.7 51.0 76.4

61 38.7 37.9 56.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.971 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

ClientSampleId :

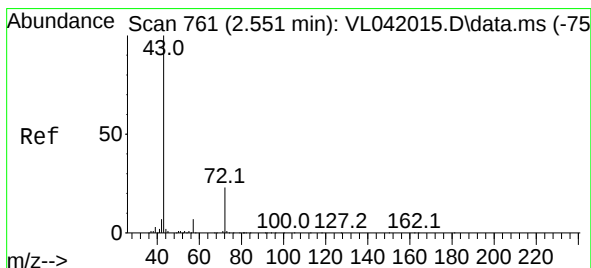
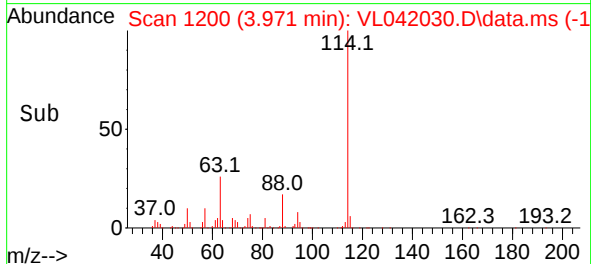
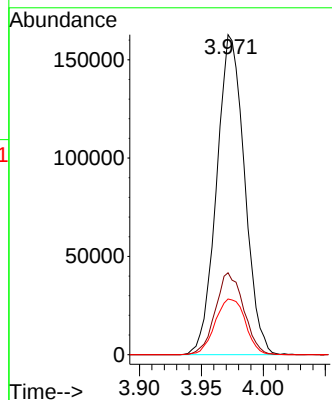
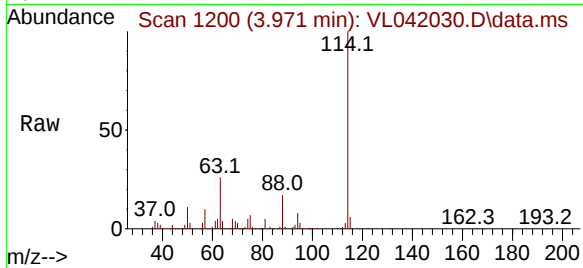
Tgt Ion:114 Resp: 255456

Ion Ratio Lower Upper

114 100

63 25.9 20.2 30.2

88 18.9 14.4 21.6



#34

2-Butanone

Concen: 0.065 ppbv

RT: 2.573 min Scan# 768

Delta R.T. 0.003 min

Lab File: VL042030.D

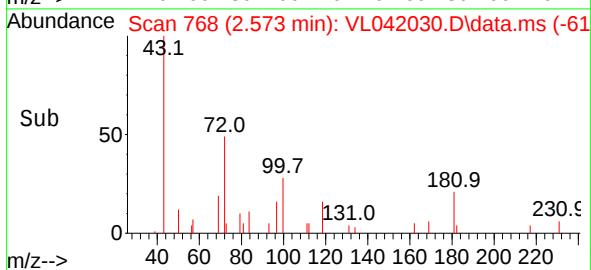
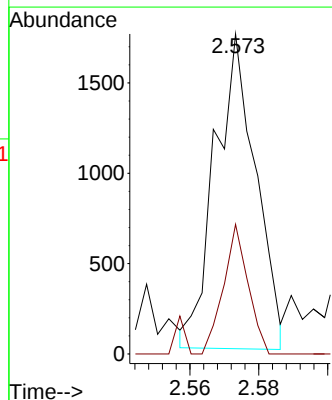
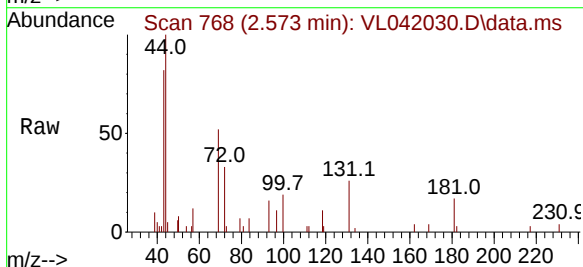
Acq: 17 Feb 2025 14:50

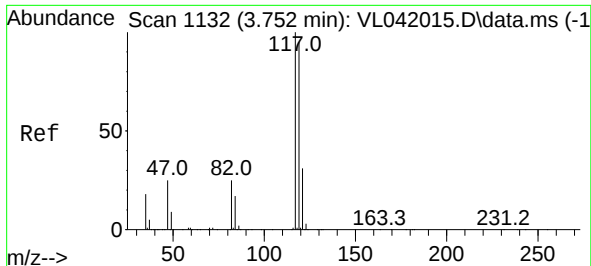
Tgt Ion: 43 Resp: 1431

Ion Ratio Lower Upper

43 100

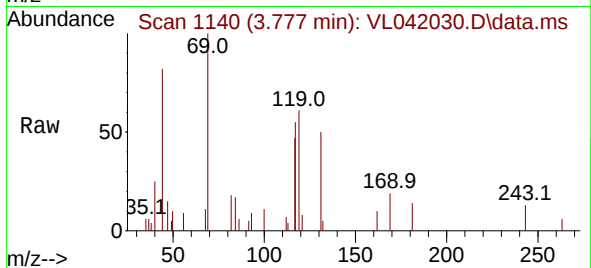
72 29.8 18.3 27.5#



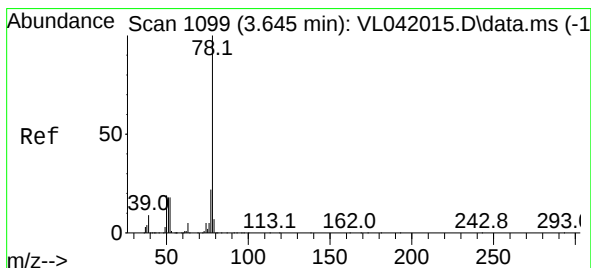
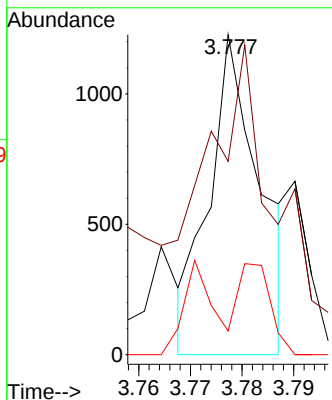
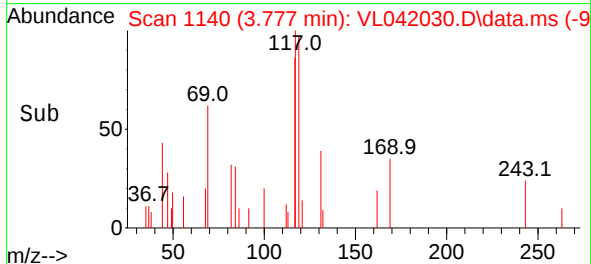


#35
Carbon Tetrachloride
Concen: 0.034 ppbv
RT: 3.777 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VL042030.D
Acq: 17 Feb 2025 14:50

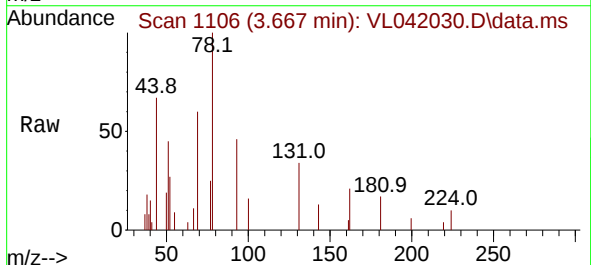
Instrument :
MSVOA_L
ClientSampleId :



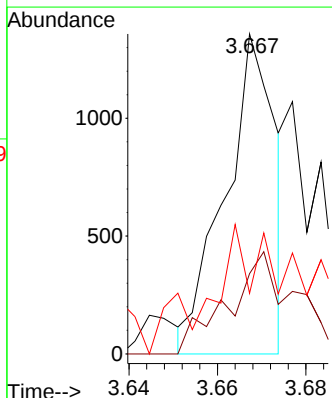
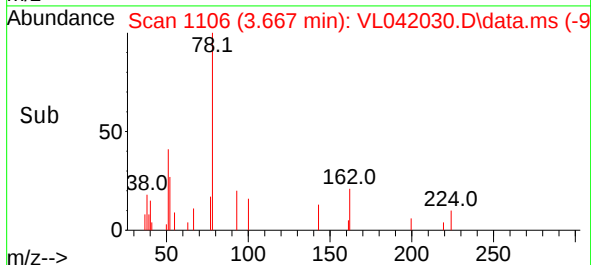
Tgt Ion:117 Resp: 834
Ion Ratio Lower Upper
117 100
119 31.1 75.8 113.6#
121 0.7 24.6 36.8#

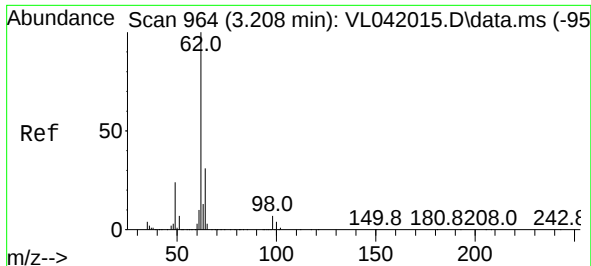


#36
Benzene
Concen: 0.034 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VL042030.D
Acq: 17 Feb 2025 14:50



Tgt Ion: 78 Resp: 1064
Ion Ratio Lower Upper
78 100
77 27.4 18.0 27.0#
50 0.2 15.2 22.8#





#37

1,2-Dichloroethane

Concen: 0.039 ppbv

RT: 3.230 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

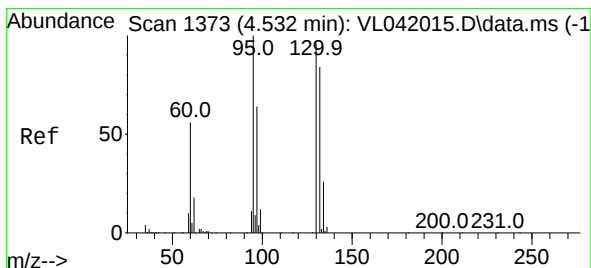
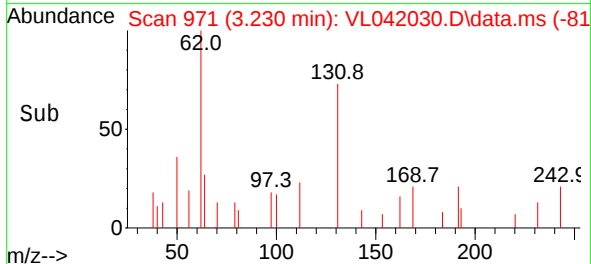
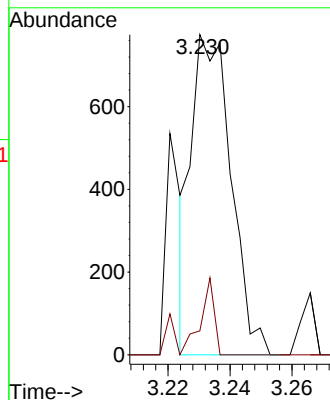
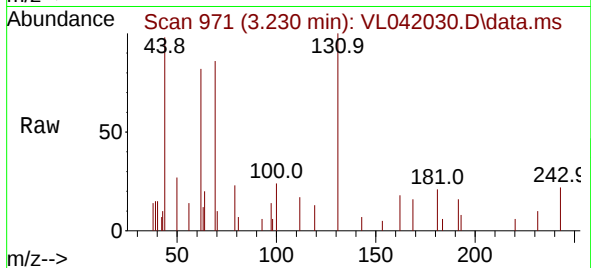
ClientSampleId :

Tgt Ion: 62 Resp: 685

Ion Ratio Lower Upper

62 100

98 11.1 5.7 8.5#



#38

Trichloroethene

Concen: 0.012 ppbv

RT: 4.554 min Scan# 1380

Delta R.T. -0.013 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Tgt Ion:130 Resp: 148

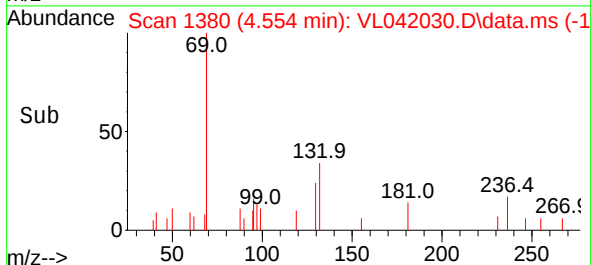
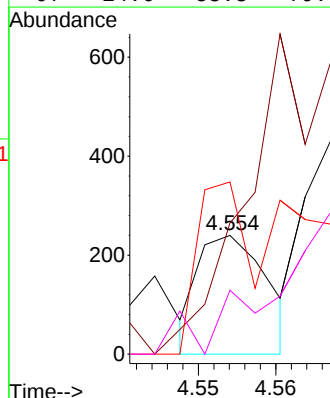
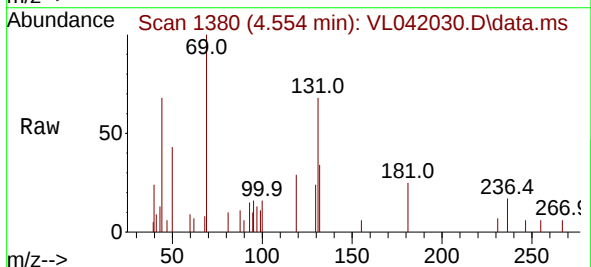
Ion Ratio Lower Upper

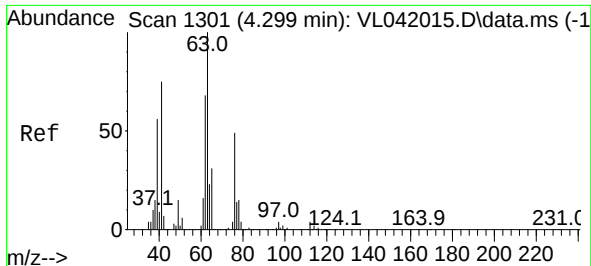
130 100

95 125.7 82.8 124.2#

132 203.5 70.0 105.0#

97 24.6 53.3 79.9#





#39

1,2-Dichloropropane

Concen: 5.840 ppbv

RT: 3.971 min Scan# 1410

Delta R.T. -0.362 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

ClientSampleId :

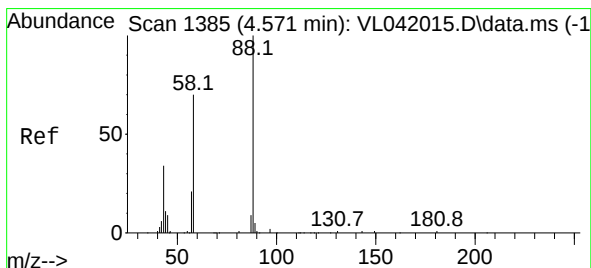
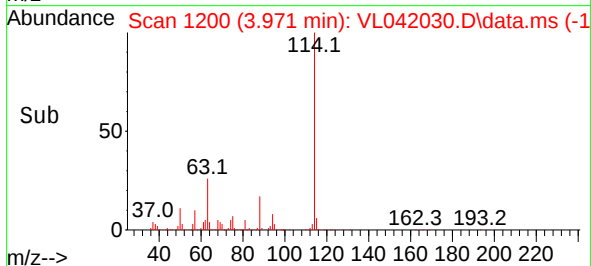
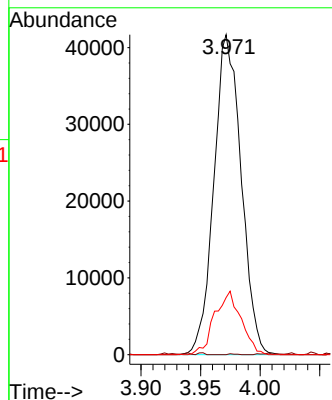
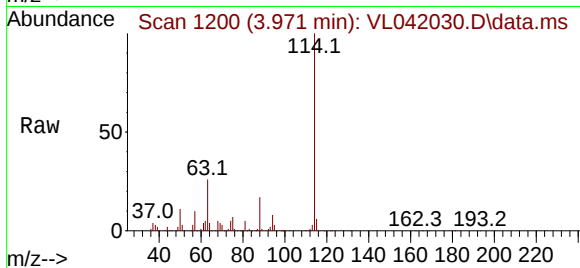
Tgt Ion: 63 Resp: 66252

Ion Ratio Lower Upper

63 100

41 0.0 60.1 90.1#

62 17.8 54.0 81.0#



#40

1,4-Dioxane

Concen: 0.006 ppbv

RT: 4.654 min Scan# 1411

Delta R.T. 0.045 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Tgt Ion: 88 Resp: 33

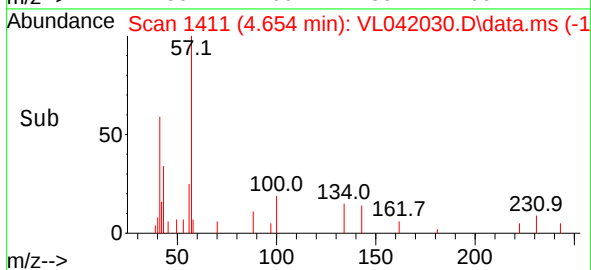
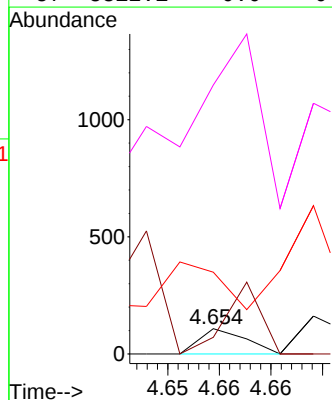
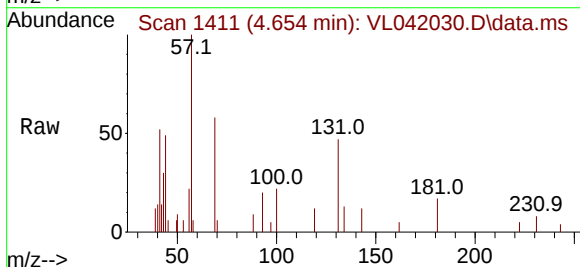
Ion Ratio Lower Upper

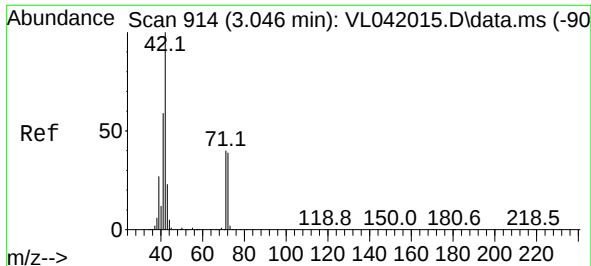
88 100

58 927.3 58.1 87.1#

43 448.5 27.3 40.9#

57 8312.1 0.0 0.0#





#41

Tetrahydrofuran

Concen: 0.006 ppbv

RT: 3.056 min Scan# 91

Delta R.T. -0.013 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

ClientSampleId :

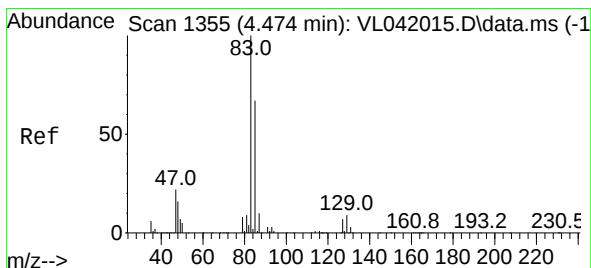
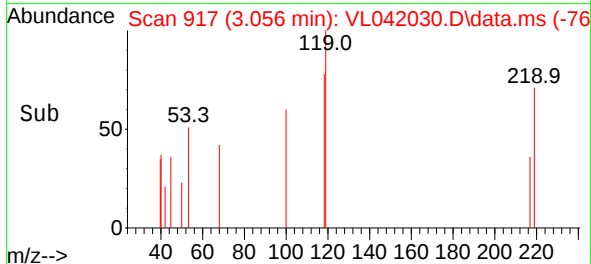
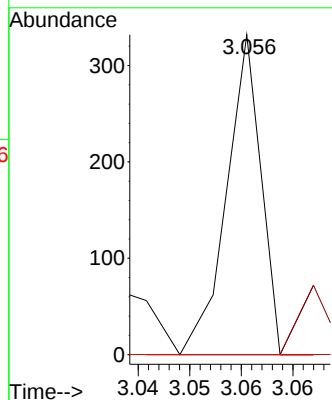
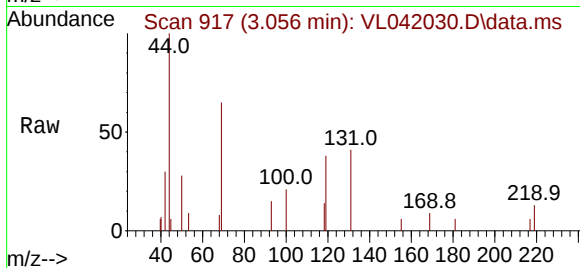
Tgt Ion: 42 Resp: 77

Ion Ratio Lower Upper

42 100

72 0.0 32.3 48.5#

71 0.0 30.9 46.3#



#42

Bromodichloromethane

Concen: 0.015 ppbv

RT: 4.509 min Scan# 1366

Delta R.T. -0.006 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

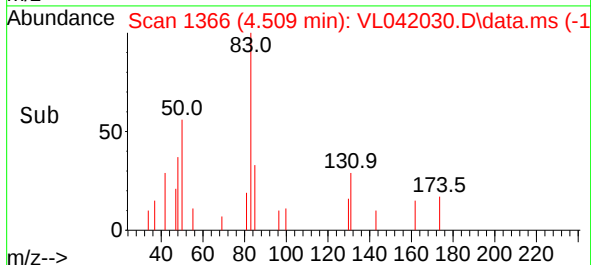
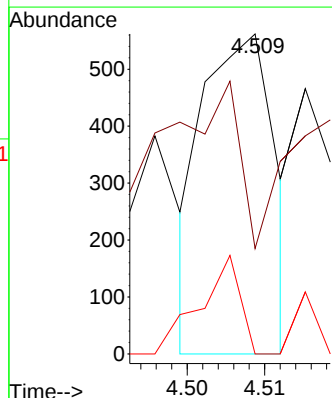
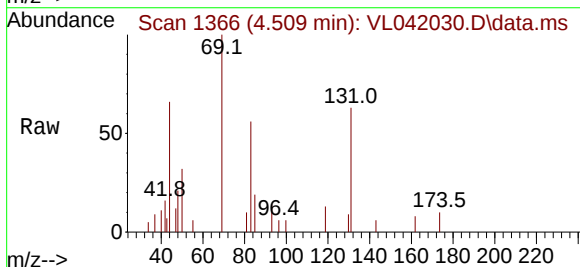
Tgt Ion: 83 Resp: 363

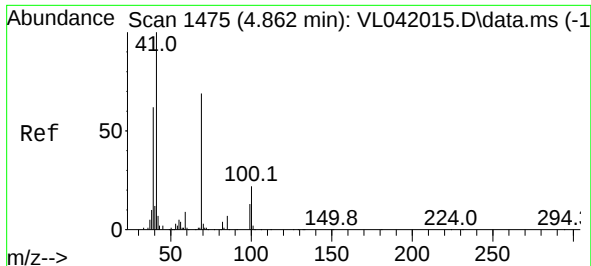
Ion Ratio Lower Upper

83 100

85 0.0 53.3 79.9#

127 0.0 6.0 9.0#





#43

Methyl Methacrylate

Concen: 0.006 ppbv

RT: 4.891 min Scan# 1412

Delta R.T. -0.013 min

Lab File: VL042030.D

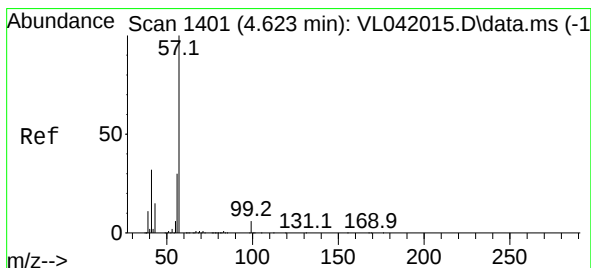
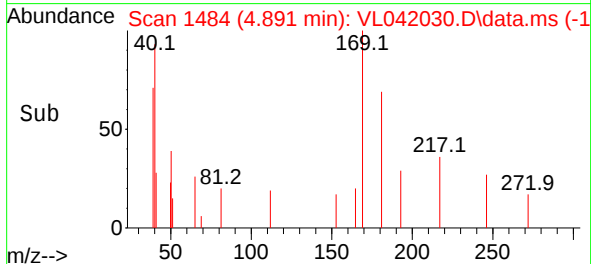
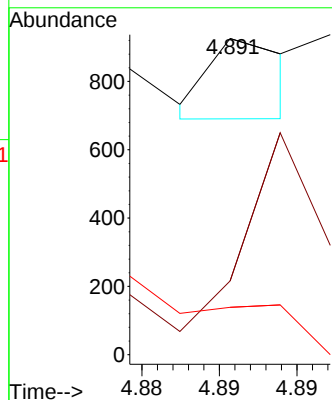
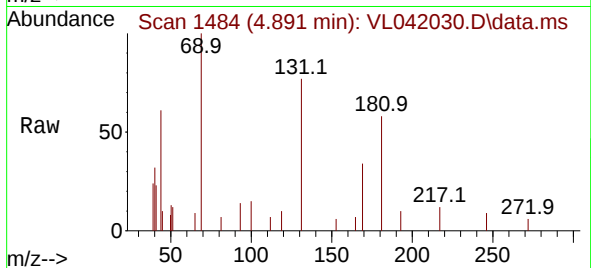
Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	69	Resp:	83
Ion Ratio	Lower	Upper	
69	100		
41	1647.0	114.9	172.3#
100	0.0	28.8	43.2#



#44

2,2,4-Trimethylpentane

Concen: 0.031 ppbv

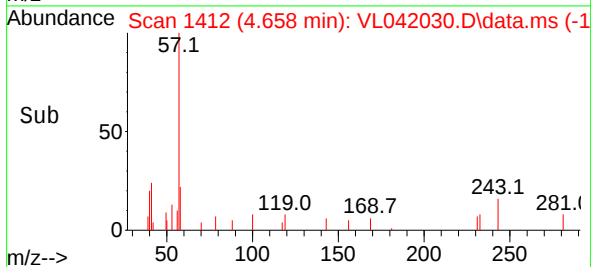
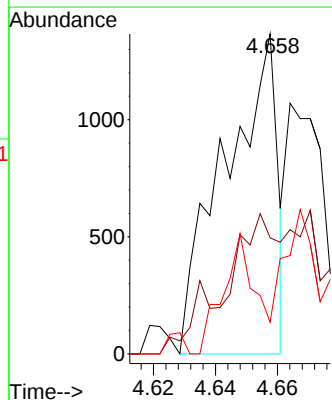
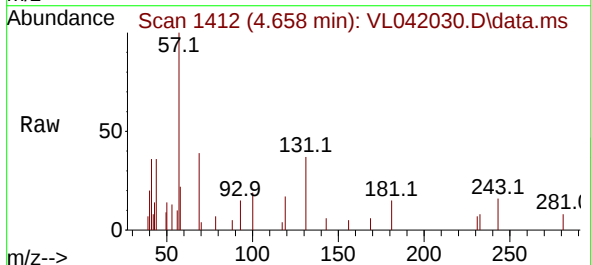
RT: 4.658 min Scan# 1412

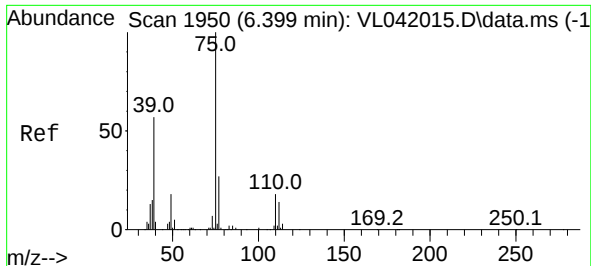
Delta R.T. -0.006 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Tgt Ion:	57	Resp:	1604
Ion Ratio	Lower	Upper	
57	100		
41	0.0	25.9	38.9#
56	0.0	24.9	37.3#





#45

t-1,3-Dichloropropene

Concen: 0.008 ppbv

RT: 6.451 min Scan# 1710

Delta R.T. 0.007 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

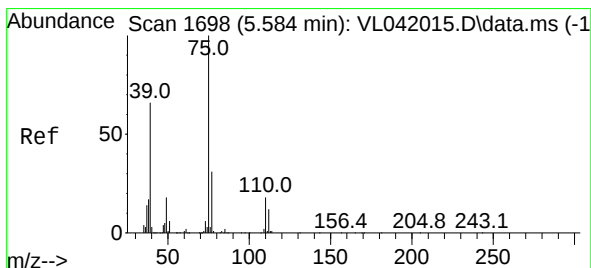
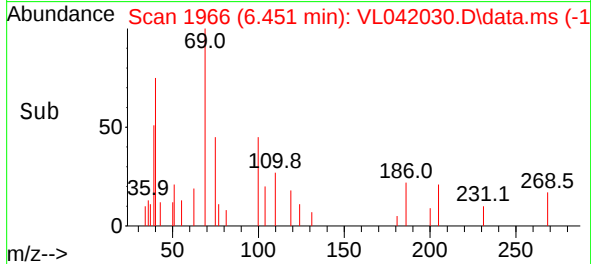
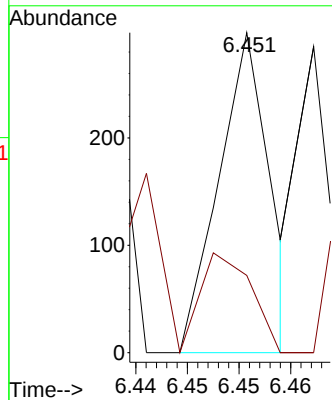
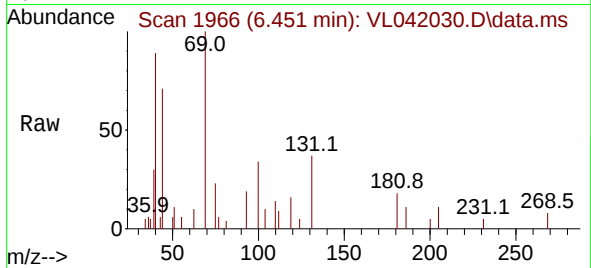
ClientSampleId :

Tgt Ion: 75 Resp: 105

Ion Ratio Lower Upper

75 100

77 24.2 22.1 33.1



#46

cis-1,3-Dichloropropene

Concen: 0.030 ppbv

RT: 5.622 min Scan# 1710

Delta R.T. -0.006 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

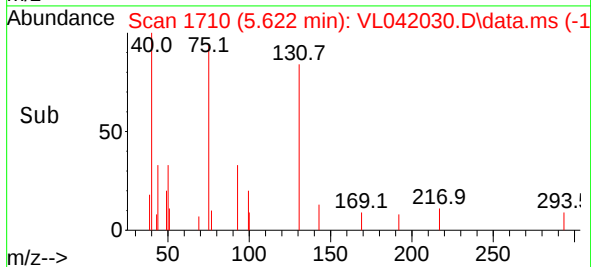
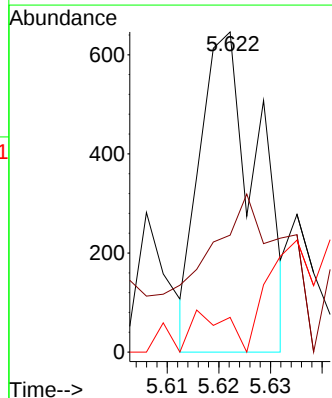
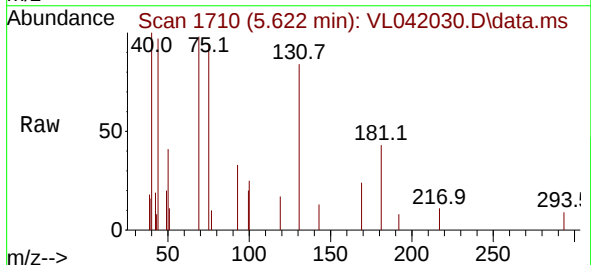
Tgt Ion: 75 Resp: 501

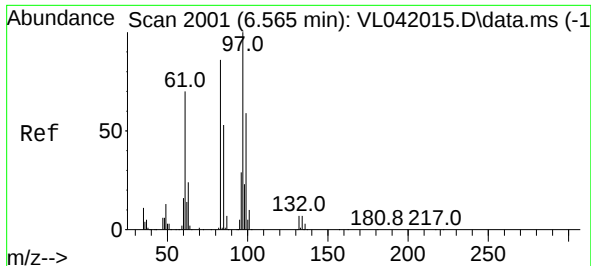
Ion Ratio Lower Upper

75 100

39 18.7 52.2 78.4#

77 13.0 24.5 36.7#





#47

1,1,2-Trichloroethane

Concen: 0.009 ppbv

RT: 6.600 min Scan# 2001

Delta R.T. -0.010 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 106

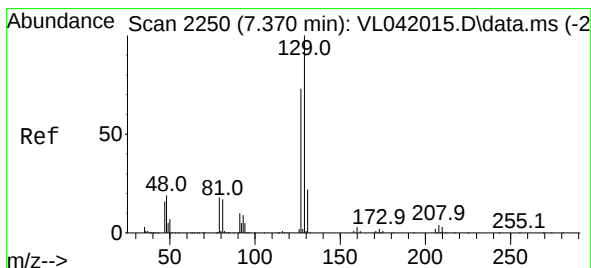
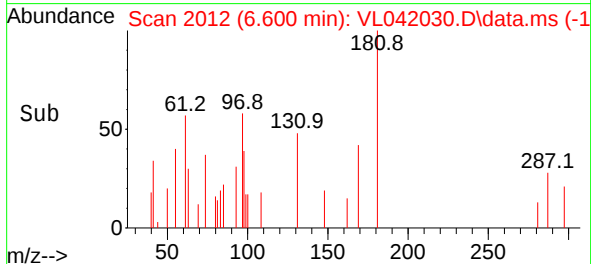
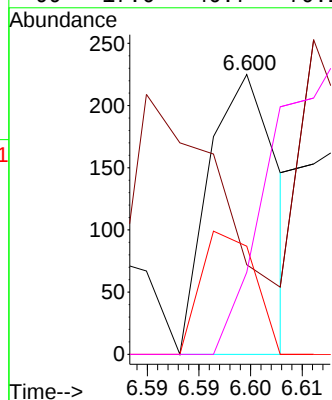
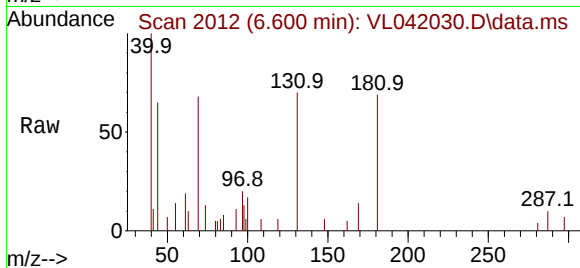
Ion Ratio Lower Upper

97 100

83 4.8 68.6 102.8#

85 23.1 42.2 63.4#

99 17.6 46.7 70.1#



#48

Dibromochloromethane

Concen: 0.033 ppbv

RT: 7.406 min Scan# 2261

Delta R.T. -0.003 min

Lab File: VL042030.D

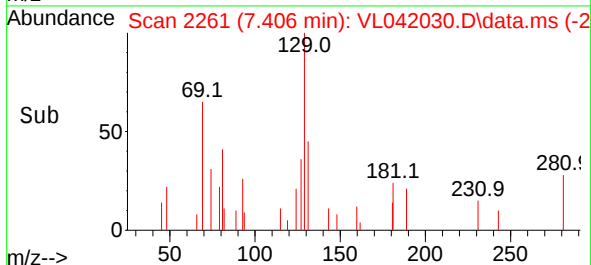
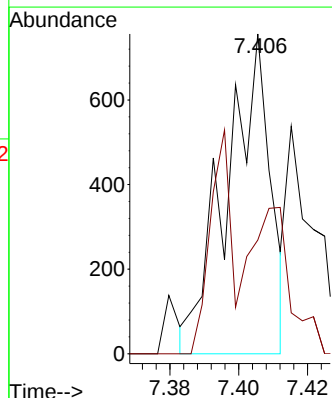
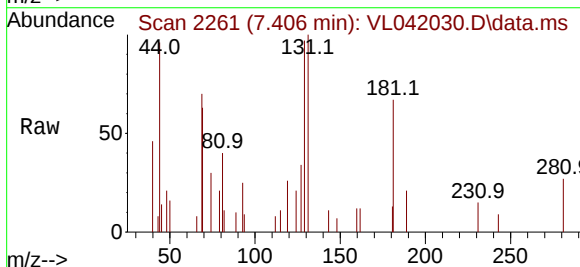
Acq: 17 Feb 2025 14:50

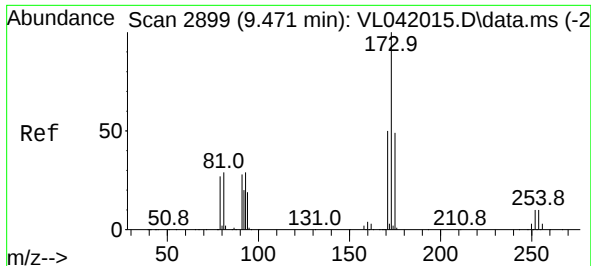
Tgt Ion: 129 Resp: 668

Ion Ratio Lower Upper

129 100

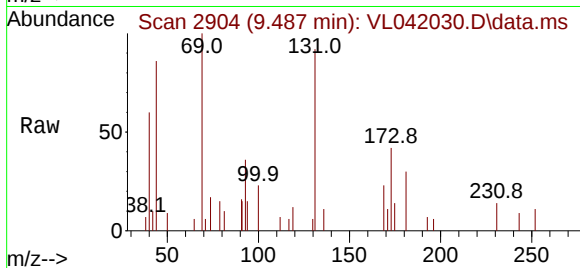
127 75.3 38.2 114.6



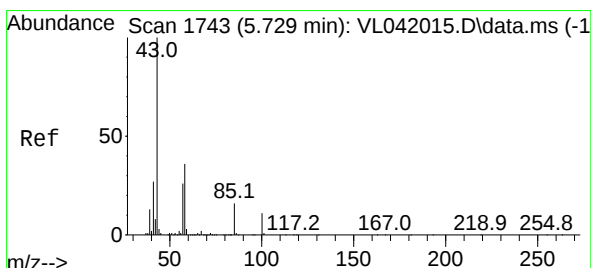
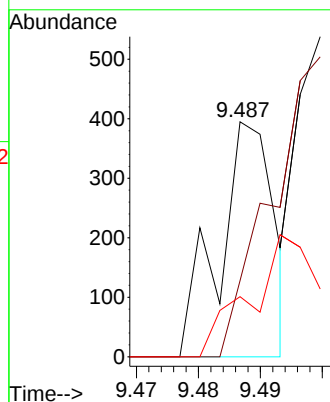
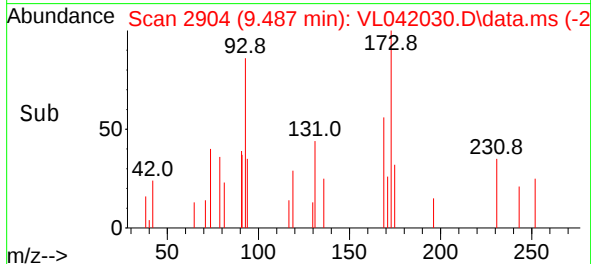


#49
Bromoform
Concen: 0.015 ppbv
RT: 9.487 min Scan# 20
Delta R.T. -0.013 min
Lab File: VL042030.D
Acq: 17 Feb 2025 14:50

Instrument :
MSVOA_L
ClientSampleId :

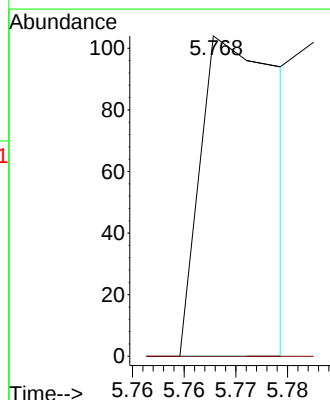
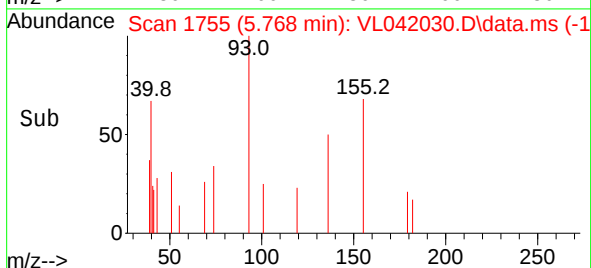
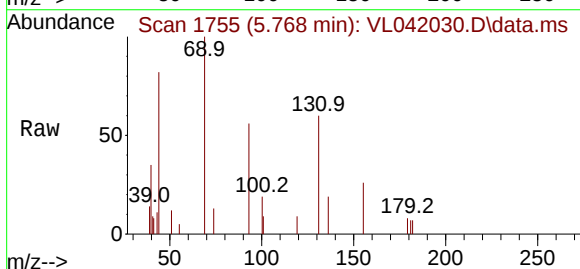


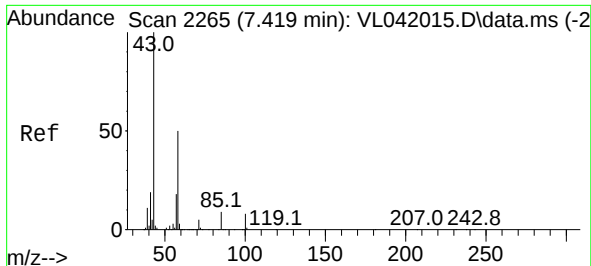
Tgt Ion:173 Resp: 244
Ion Ratio Lower Upper
173 100
175 0.0 39.3 58.9#
171 0.0 41.4 62.2#



#50
4-Methyl-2-Pentanone
Concen: 0.002 ppbv
RT: 5.768 min Scan# 1755
Delta R.T. -0.016 min
Lab File: VL042030.D
Acq: 17 Feb 2025 14:50

Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.0#

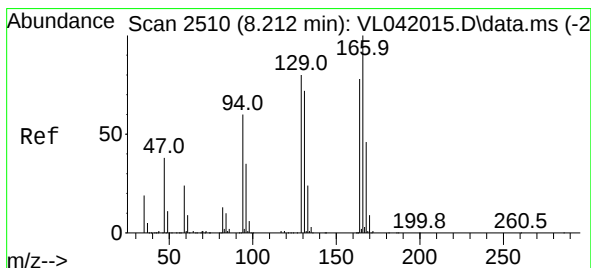
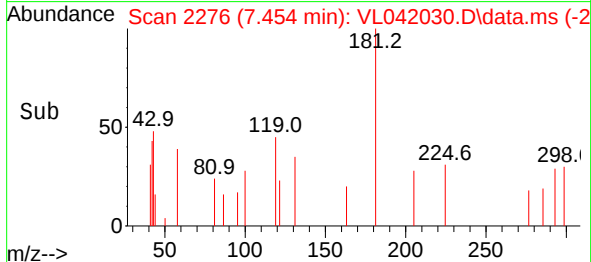
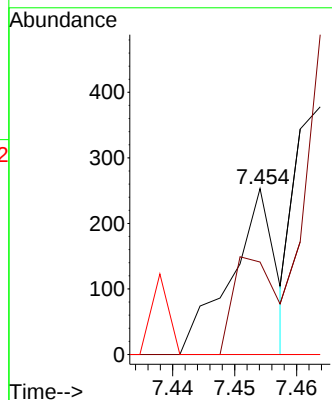
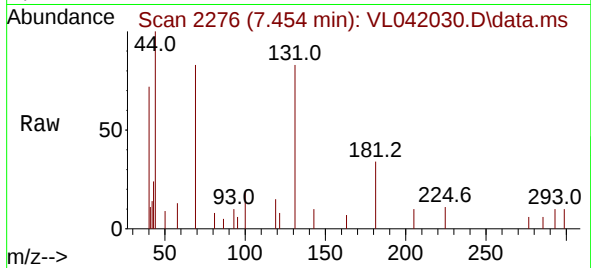




#51
2-Hexanone
Concen: 0.005 ppbv
RT: 7.454 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042030.D
Acq: 17 Feb 2025 14:50

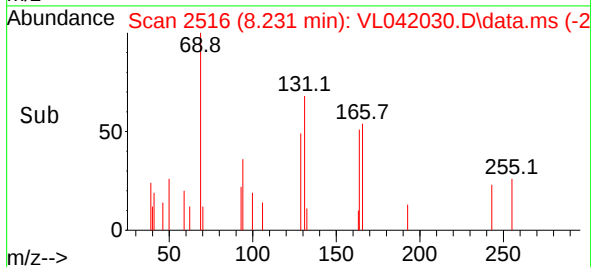
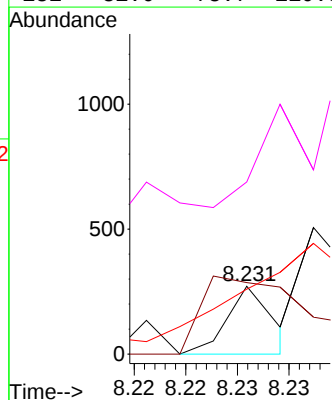
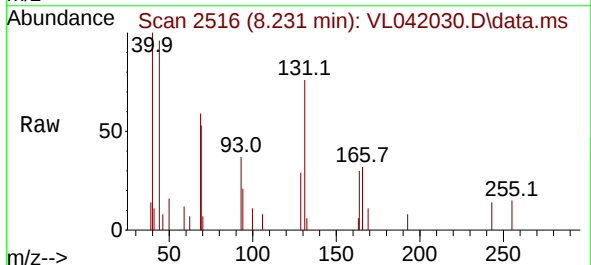
Instrument :
MSVOA_L
ClientSampleId :

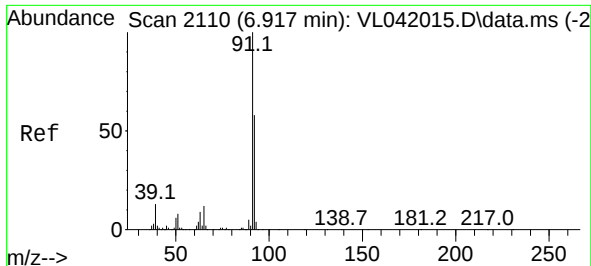
Tgt Ion: 43 Resp: 127
Ion Ratio Lower Upper
43 100
58 0.0 41.4 62.0#
98 0.0 0.0 0.0



#52
Tetrachloroethene
Concen: 0.008 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. -0.013 min
Lab File: VL042030.D
Acq: 17 Feb 2025 14:50

Tgt Ion:164 Resp: 84
Ion Ratio Lower Upper
164 100
166 105.5 102.2 153.2
129 55.4 82.2 123.4#
131 31.0 73.7 110.5#





#53

Toluene

Concen: 0.021 ppbv

RT: 6.949 min Scan# 2110

Delta R.T. -0.006 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

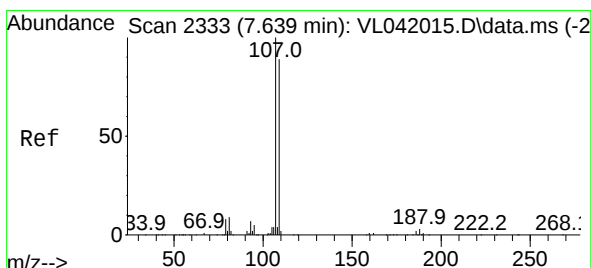
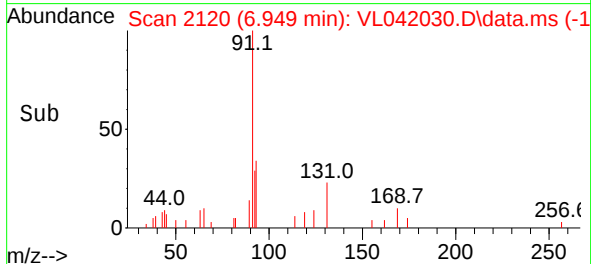
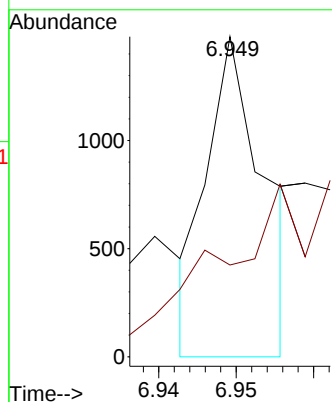
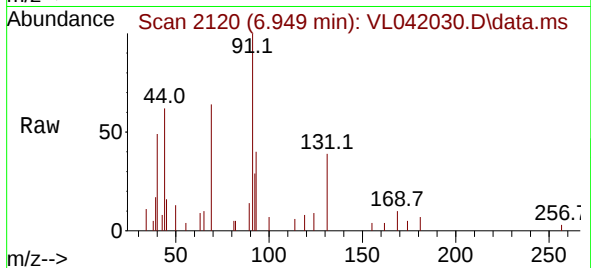
ClientSampleId :

Tgt Ion: 91 Resp: 761

Ion Ratio Lower Upper

91 100

92 0.0 47.5 71.3#



#54

1,2-Dibromoethane

Concen: 0.020 ppbv

RT: 7.677 min Scan# 2345

Delta R.T. 0.003 min

Lab File: VL042030.D

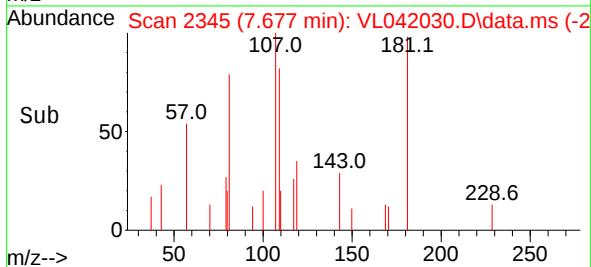
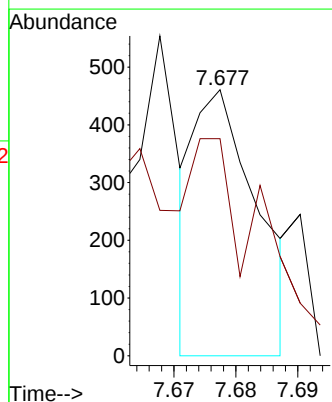
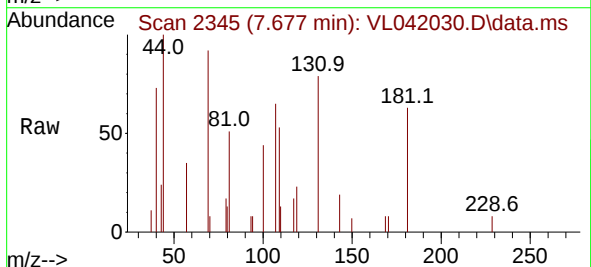
Acq: 17 Feb 2025 14:50

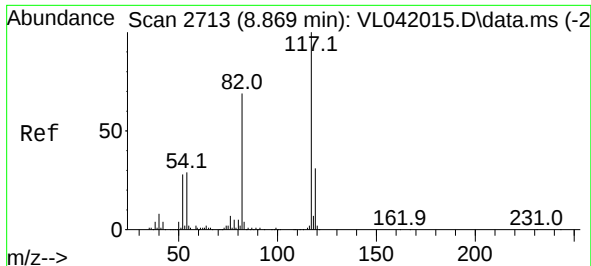
Tgt Ion: 107 Resp: 323

Ion Ratio Lower Upper

107 100

109 79.1 71.5 107.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.894 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

ClientSampleId :

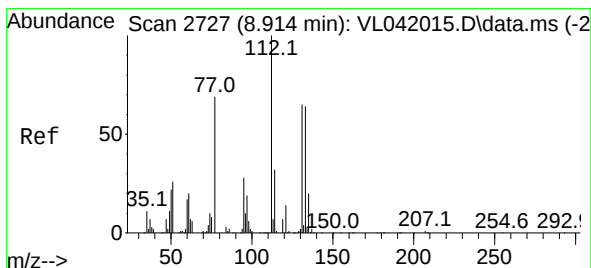
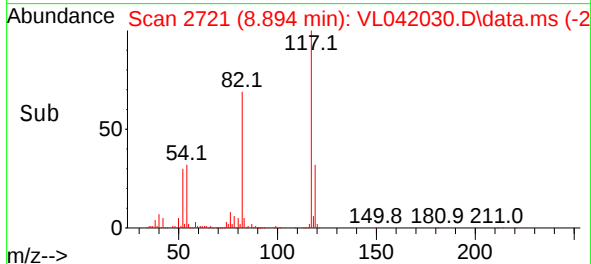
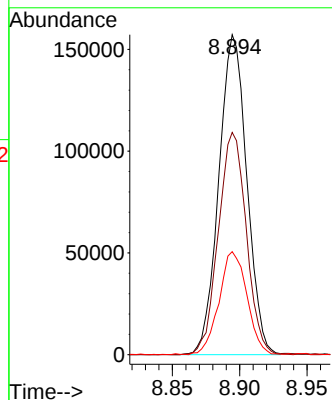
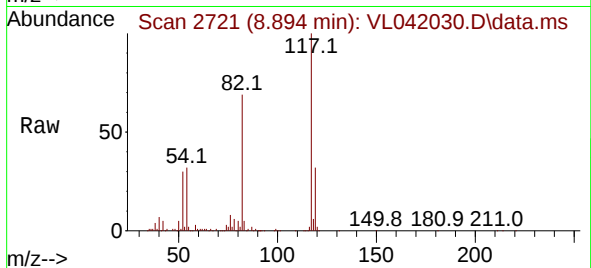
Tgt Ion:117 Resp: 227435

Ion Ratio Lower Upper

117 100

82 69.4 55.7 83.5

119 32.6 25.2 37.8



#56

1,1,1,2-Tetrachloroethane

Concen: 0.082 ppbv

RT: 8.946 min Scan# 2737

Delta R.T. 0.003 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

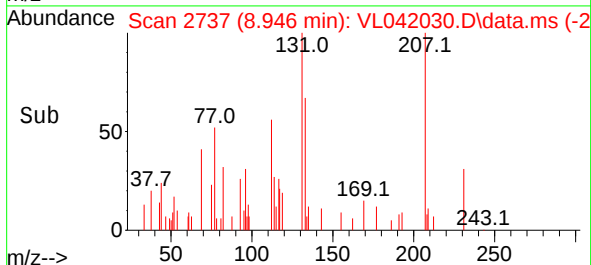
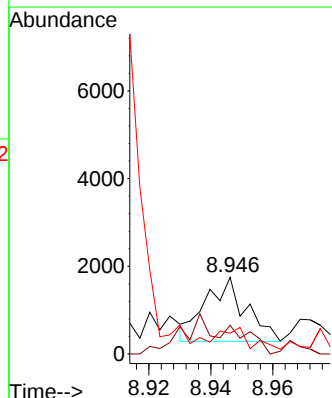
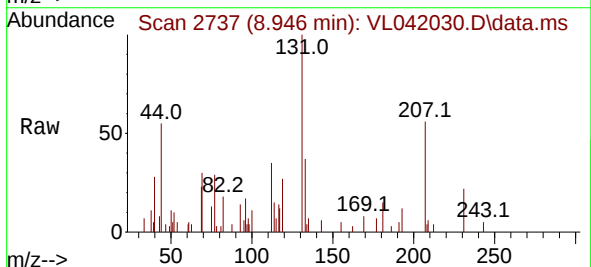
Tgt Ion:131 Resp: 1327

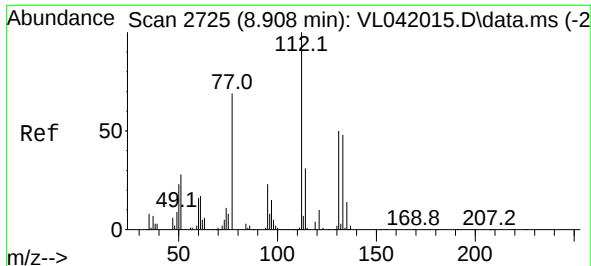
Ion Ratio Lower Upper

131 100

133 83.4 77.8 116.8

119 0.0 49.1 73.7#





#57

Chlorobenzene

Concen: 0.027 ppbv

RT: 8.940 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

ClientSampleId :

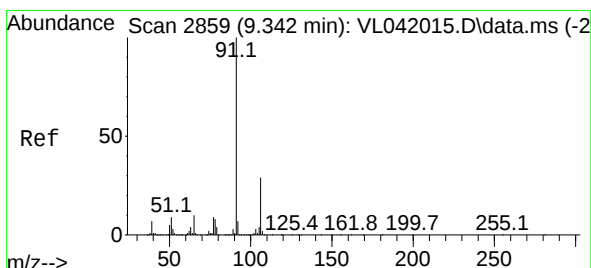
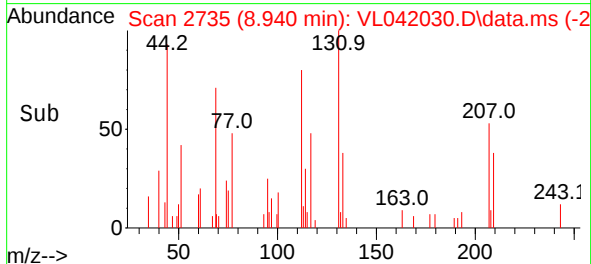
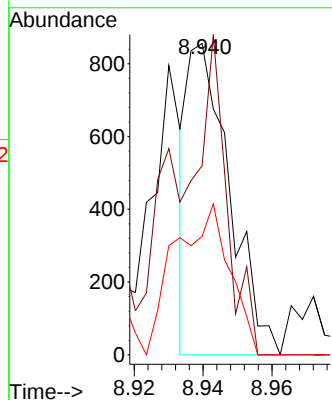
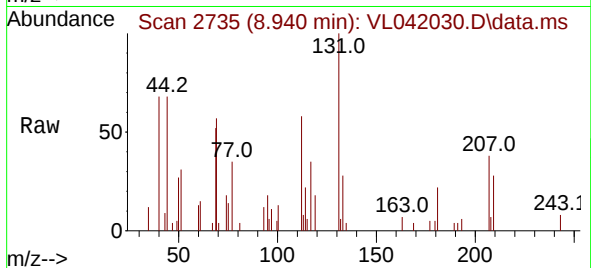
Tgt Ion:112 Resp: 727

Ion Ratio Lower Upper

112 100

77 60.7 56.2 84.2

114 38.1 28.2 34.4#



#58

Ethyl Benzene

Concen: 0.021 ppbv

RT: 9.360 min Scan# 2865

Delta R.T. -0.010 min

Lab File: VL042030.D

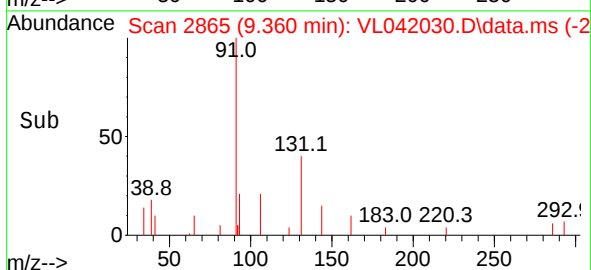
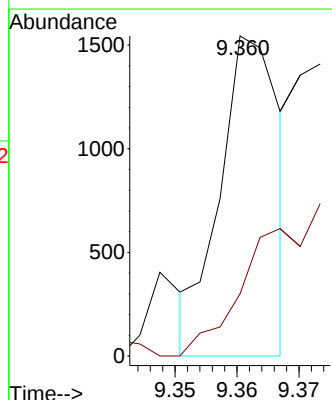
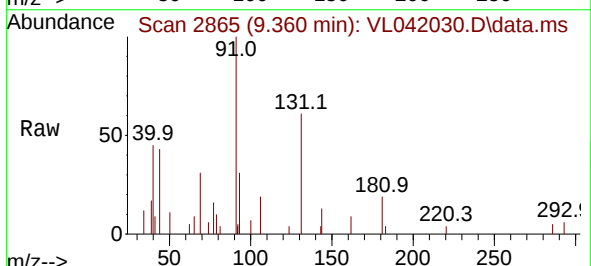
Acq: 17 Feb 2025 14:50

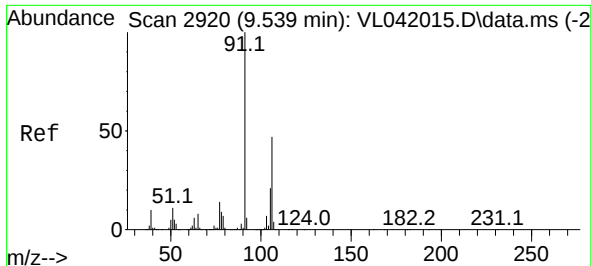
Tgt Ion: 91 Resp: 1035

Ion Ratio Lower Upper

91 100

106 24.3 23.1 34.7





#59

m/p-Xylene

Concen: 0.010 ppbv

RT: 9.542 min Scan# 2920

Delta R.T. -0.006 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

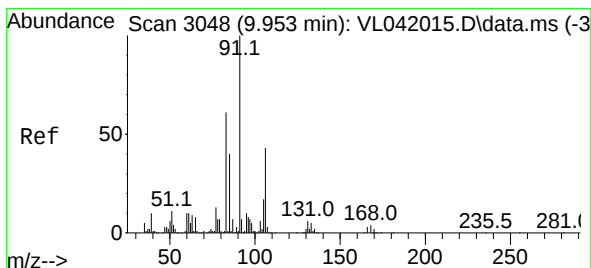
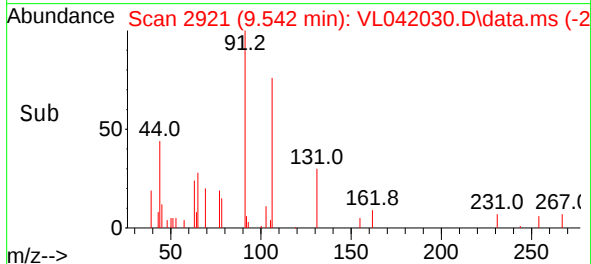
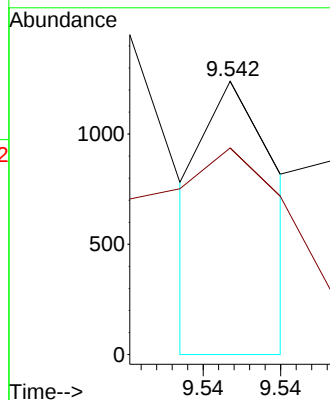
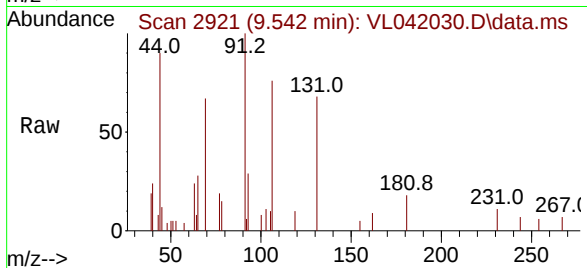
ClientSampleId :

Tgt Ion: 91 Resp: 399

Ion Ratio Lower Upper

91 100

106 188.7 35.8 53.8#



#60

o-Xylene

Concen: 0.019 ppbv

RT: 9.975 min Scan# 3055

Delta R.T. -0.003 min

Lab File: VL042030.D

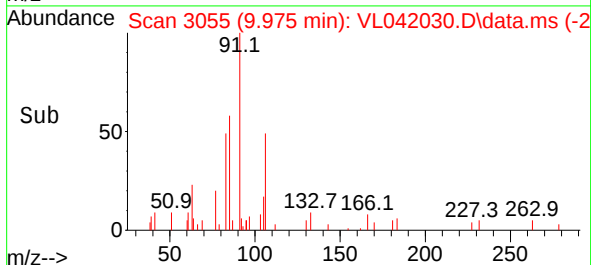
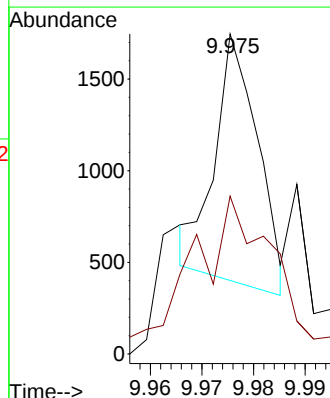
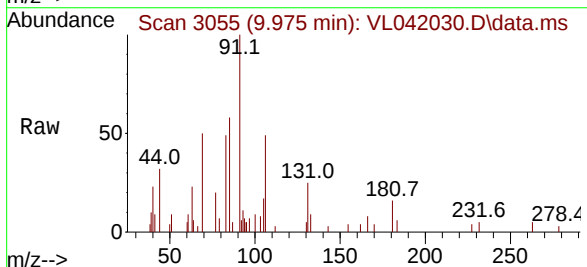
Acq: 17 Feb 2025 14:50

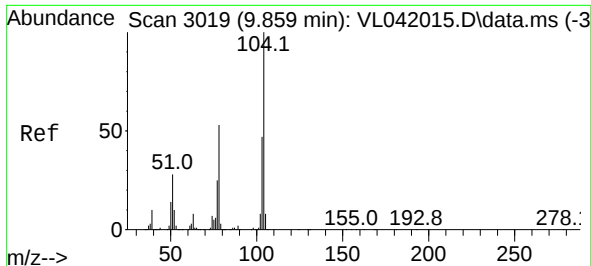
Tgt Ion: 91 Resp: 770

Ion Ratio Lower Upper

91 100

106 124.0 21.4 64.3#

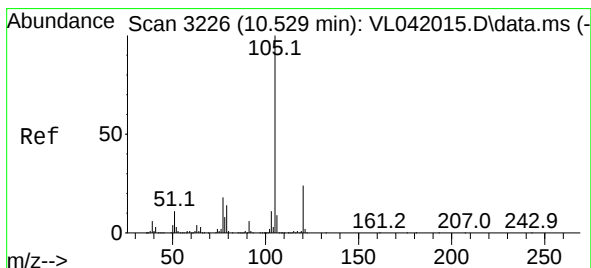
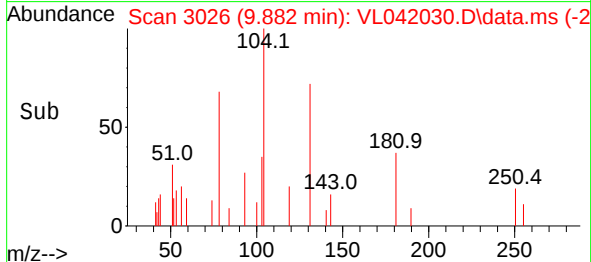
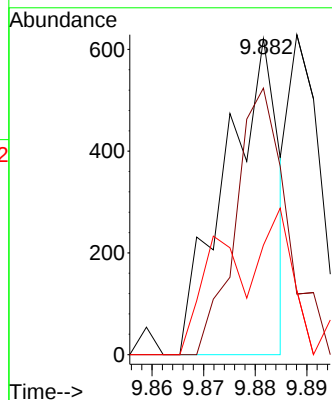
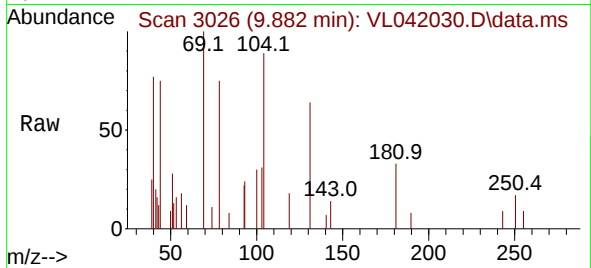




#61
Styrene
Concen: 0.024 ppbv
RT: 9.882 min Scan# 3019
Delta R.T. -0.003 min
Lab File: VL042030.D
Acq: 17 Feb 2025 14:50

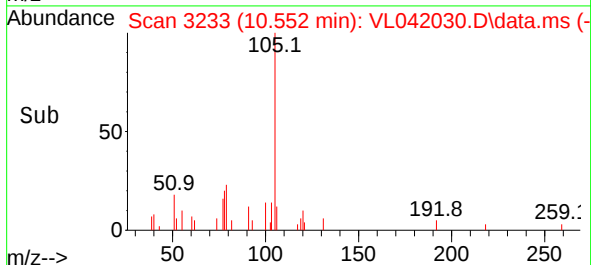
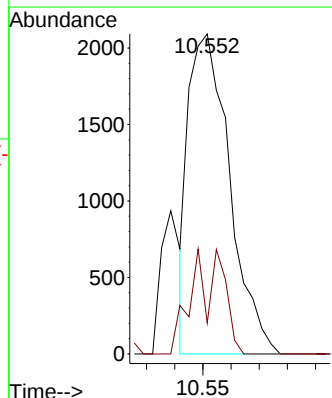
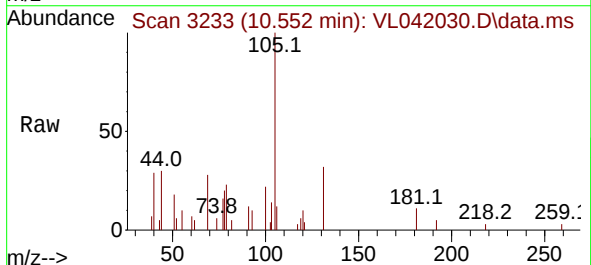
Instrument :
MSVOA_L
ClientSampleId :

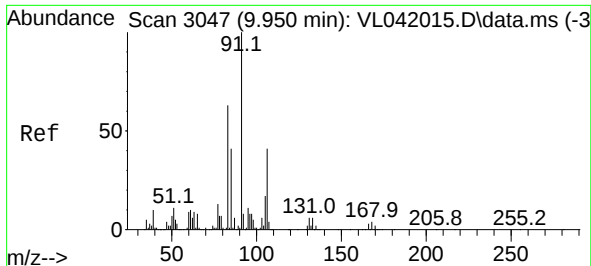
Tgt Ion:104 Resp: 446
Ion Ratio Lower Upper
104 100
78 80.9 42.2 63.4#
103 0.0 38.1 57.1#



#62
Isopropylbenzene
Concen: 0.036 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. -0.003 min
Lab File: VL042030.D
Acq: 17 Feb 2025 14:50

Tgt Ion:105 Resp: 2124
Ion Ratio Lower Upper
105 100
120 25.4 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 0.049 ppbv

RT: 9.979 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

ClientSampleId :

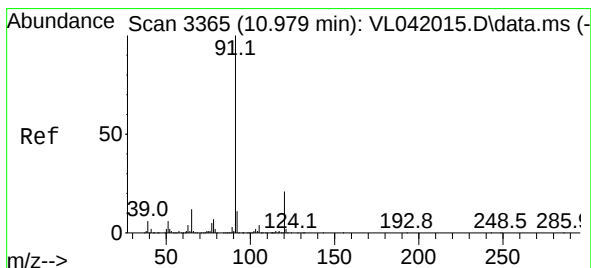
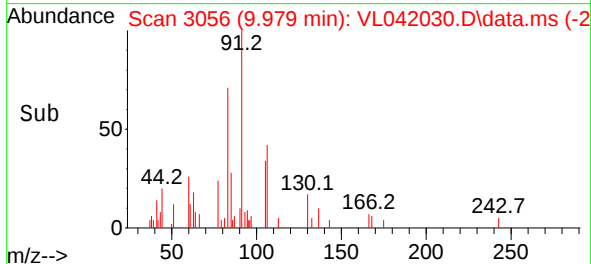
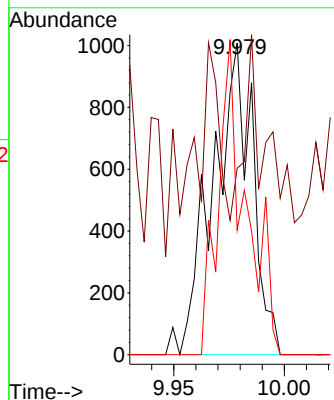
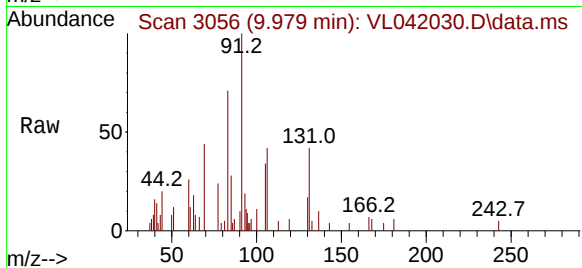
Tgt Ion: 83 Resp: 1242

Ion Ratio Lower Upper

83 100

131 58.4 5.0 15.0#

85 71.7 32.1 96.3



#64

n-propylbenzene

Concen: 0.049 ppbv

RT: 11.001 min Scan# 3372

Delta R.T. -0.003 min

Lab File: VL042030.D

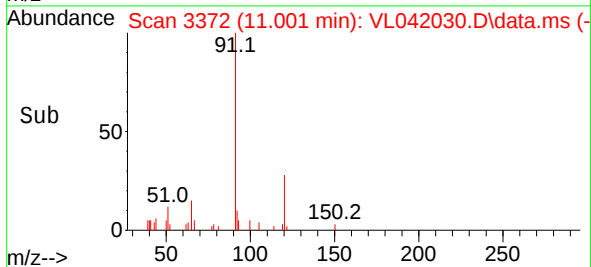
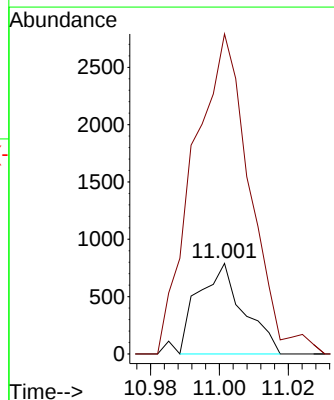
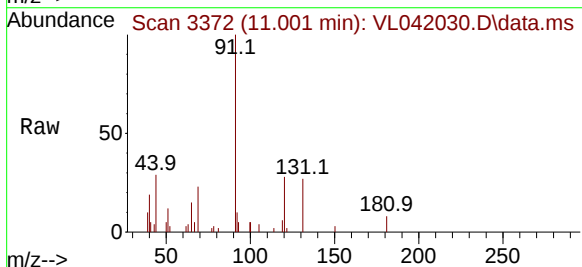
Acq: 17 Feb 2025 14:50

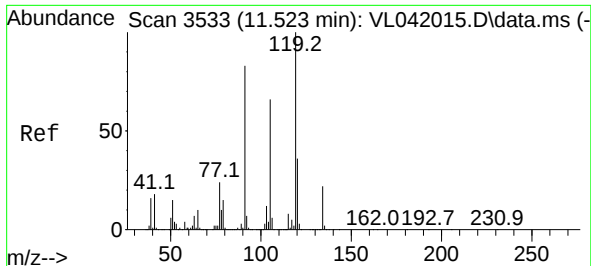
Tgt Ion:120 Resp: 717

Ion Ratio Lower Upper

120 100

91 444.8 392.2 588.2

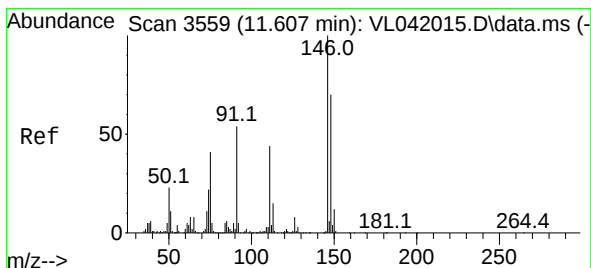
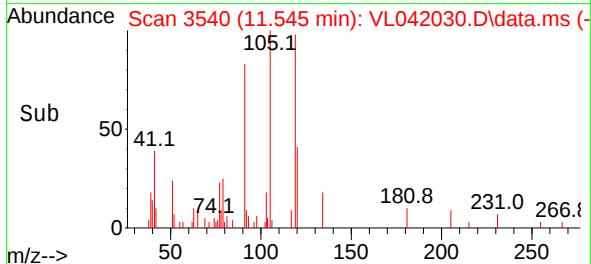
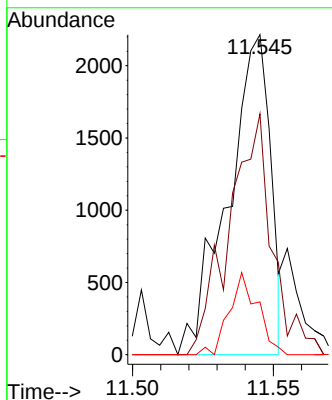
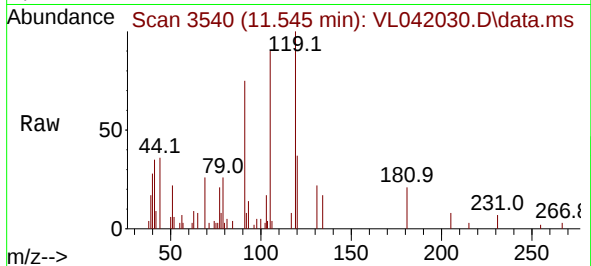




#65
tert-Butylbenzene
Concen: 0.045 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. 0.000 min
Lab File: VL042030.D
Acq: 17 Feb 2025 14:50

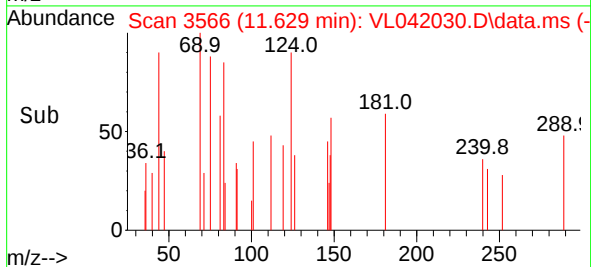
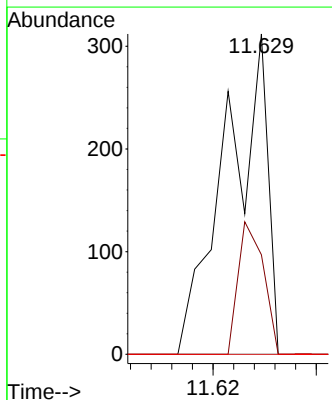
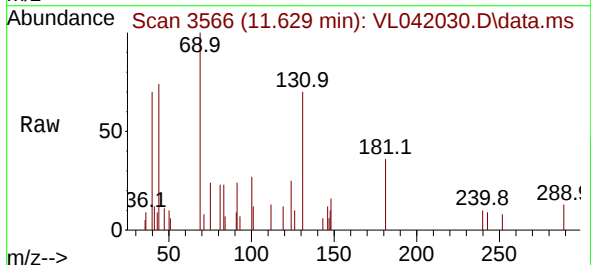
Instrument :
MSVOA_L
ClientSampleId :

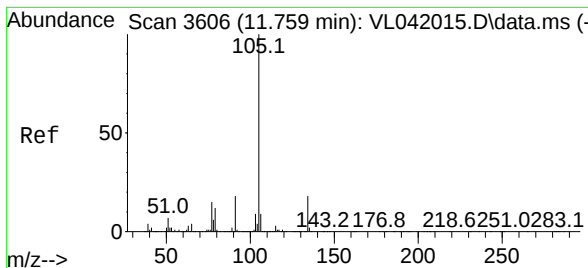
Tgt Ion:119 Resp: 2338
Ion Ratio Lower Upper
119 100
91 75.9 66.5 99.7
134 17.1 16.6 24.8



#66
Benzyl Chloride
Concen: 0.033 ppbv
RT: 11.629 min Scan# 3566
Delta R.T. 0.000 min
Lab File: VL042030.D
Acq: 17 Feb 2025 14:50

Tgt Ion: 91 Resp: 173
Ion Ratio Lower Upper
91 100
126 25.4 13.8 20.6#
128 0.0 4.1 6.1#





#67

sec-Butylbenzene

Concen: 0.044 ppbv

RT: 11.781 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

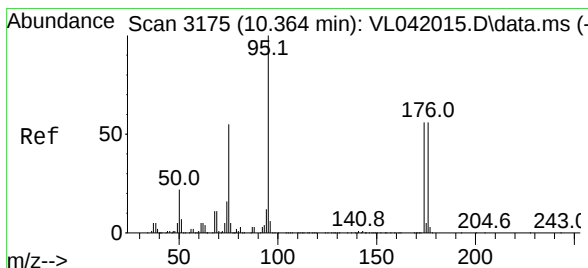
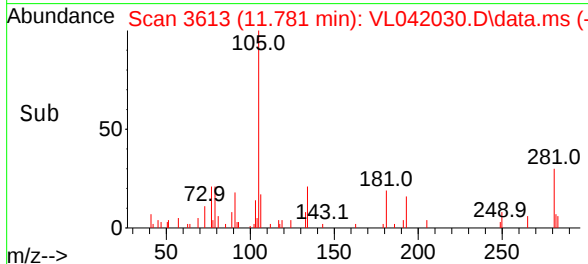
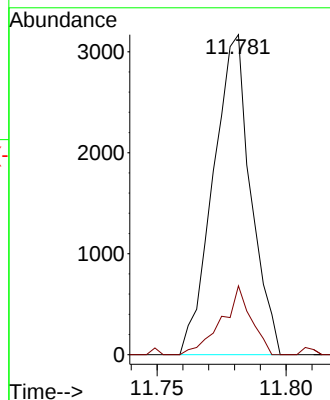
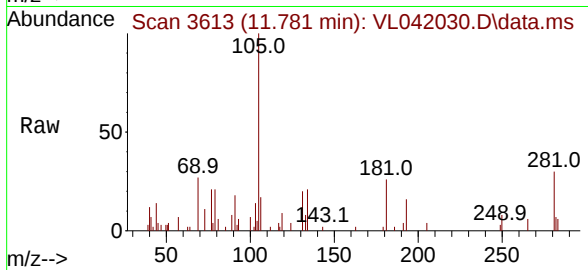
ClientSampleId :

Tgt Ion:105 Resp: 3206

Ion Ratio Lower Upper

105 100

134 17.7 14.7 22.1



#68

1-Bromo-4-Fluorobenzene

Concen: 10.180 ppbv

RT: 10.387 min Scan# 3182

Delta R.T. -0.003 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

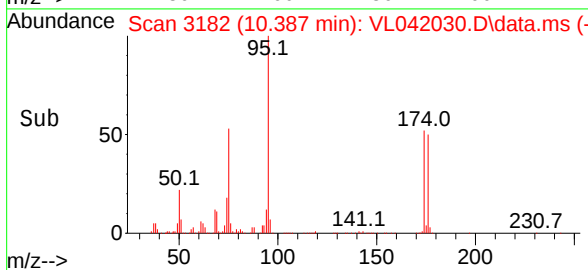
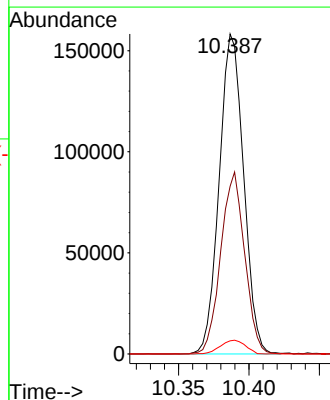
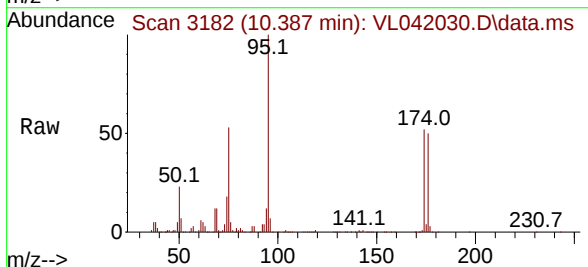
Tgt Ion: 95 Resp: 190973

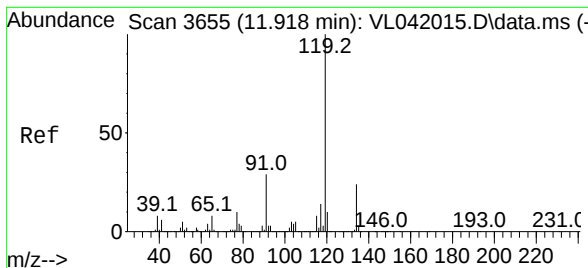
Ion Ratio Lower Upper

95 100

174 55.7 46.7 70.1

175 4.4 3.7 5.5





#69

p-Isopropyltoluene

Concen: 0.037 ppbv

RT: 11.937 min Scan# 3661

Delta R.T. -0.003 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

ClientSampleId :

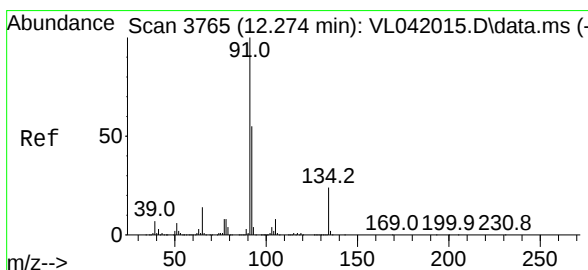
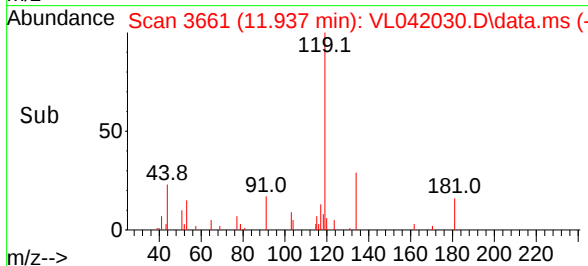
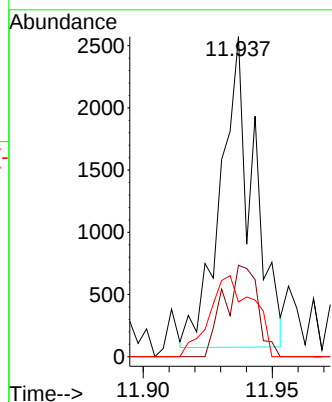
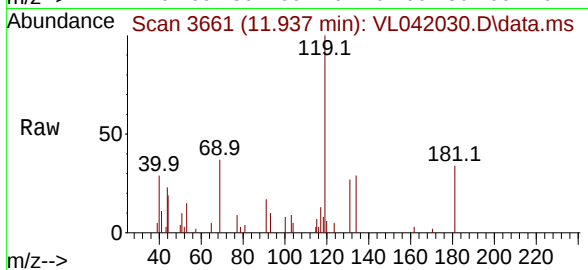
Tgt Ion:119 Resp: 2233

Ion Ratio Lower Upper

119 100

134 29.7 19.4 29.0#

91 34.0 23.4 35.2



#70

n-Butylbenzene

Concen: 0.029 ppbv

RT: 12.293 min Scan# 3771

Delta R.T. 0.000 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

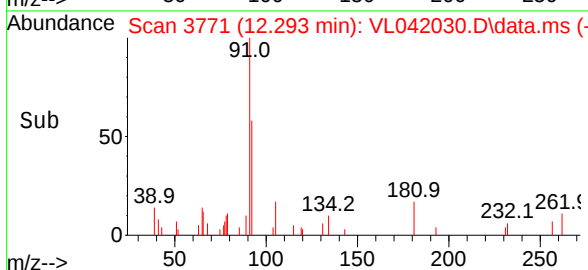
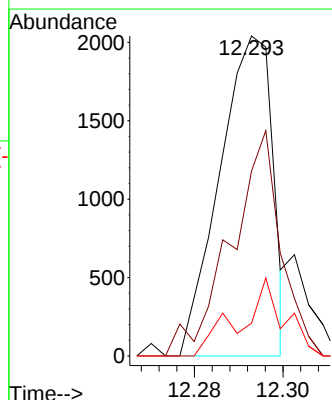
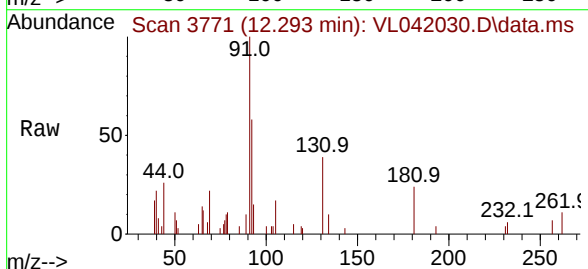
Tgt Ion: 91 Resp: 1703

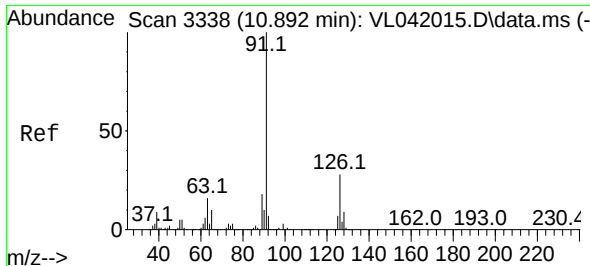
Ion Ratio Lower Upper

91 100

92 68.8 43.8 65.8#

134 20.1 18.6 27.8

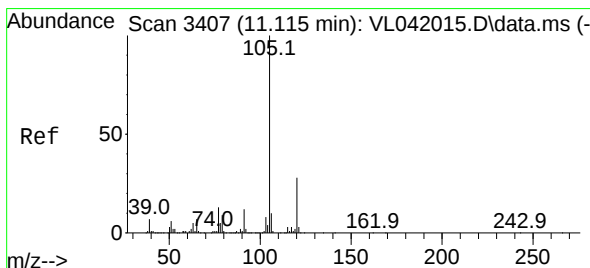
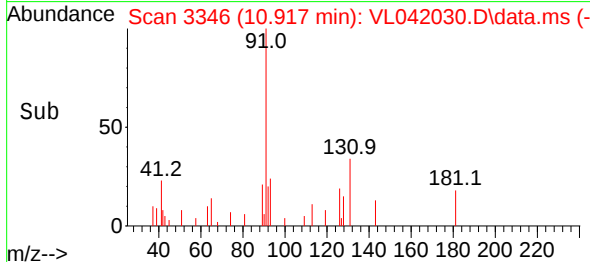
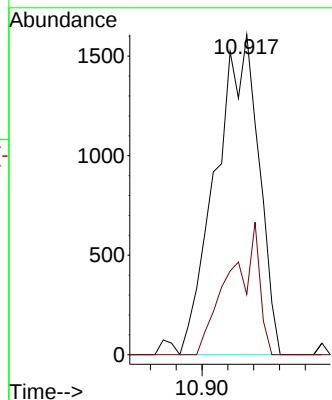
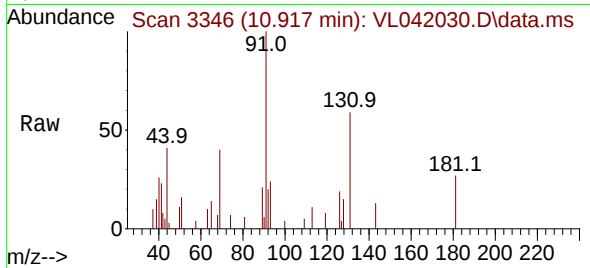




#71
2-Chlorotoluene
Concen: 0.042 ppbv
RT: 10.917 min Scan# 3412
Delta R.T. 0.003 min
Lab File: VL042030.D
Acq: 17 Feb 2025 14:50

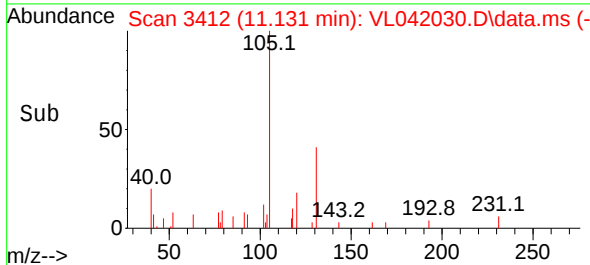
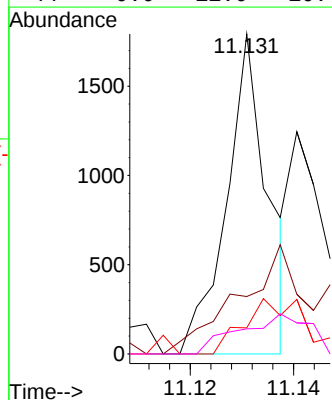
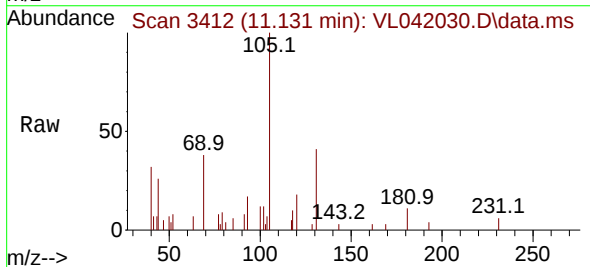
Instrument :
MSVOA_L
ClientSampleId :

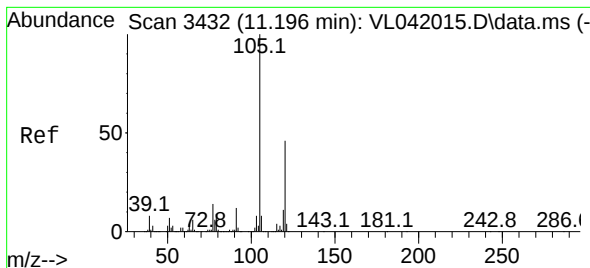
Tgt Ion: 91 Resp: 1861
Ion Ratio Lower Upper
91 100
126 28.2 11.2 45.0



#72
4-Ethyltoluene
Concen: 0.021 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.006 min
Lab File: VL042030.D
Acq: 17 Feb 2025 14:50

Tgt Ion: 105 Resp: 988
Ion Ratio Lower Upper
105 100
120 0.0 22.7 34.1#
91 0.0 10.2 15.2#
77 0.0 11.0 16.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.023 ppbv

RT: 11.215 min Scan# 3432

Delta R.T. -0.003 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

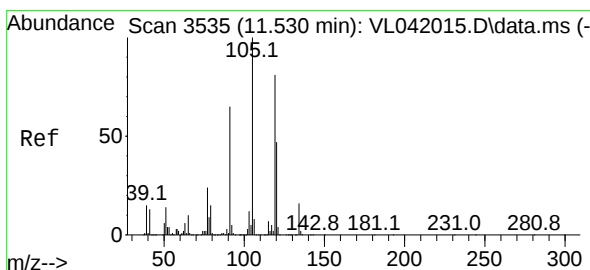
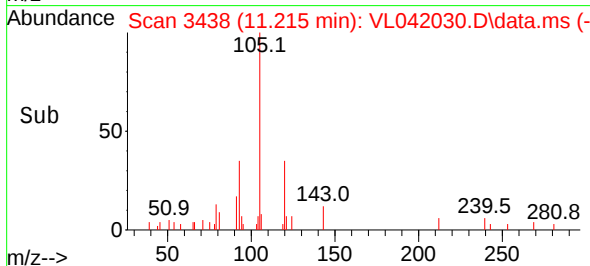
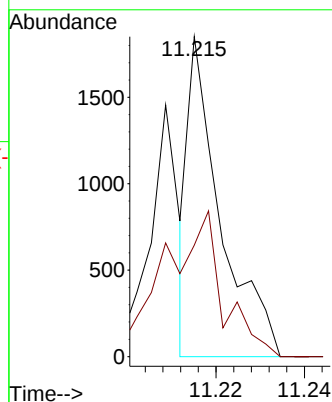
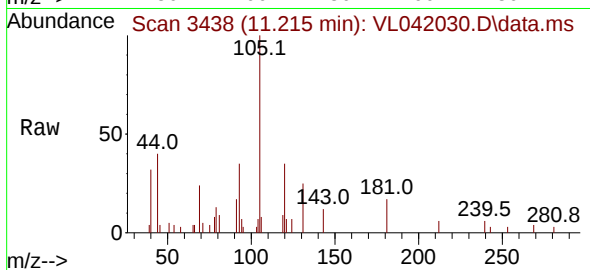
ClientSampleId :

Tgt Ion:105 Resp: 939

Ion Ratio Lower Upper

105 100

120 41.5 37.1 55.7



#74

1,2,4-Trimethylbenzene

Concen: 0.041 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. -0.006 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Tgt Ion:105 Resp: 1745

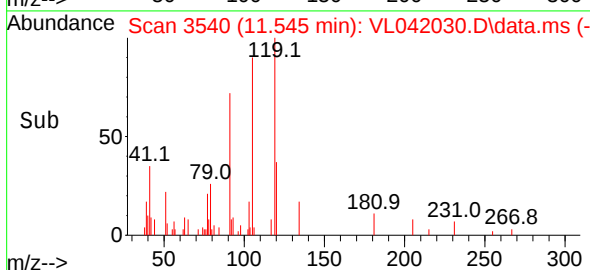
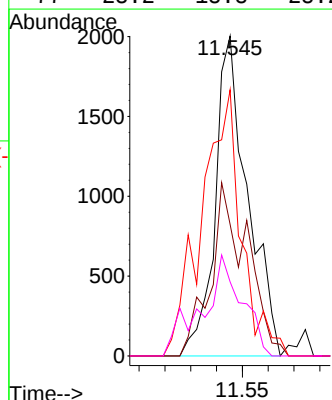
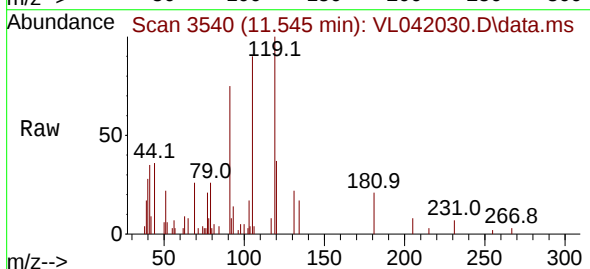
Ion Ratio Lower Upper

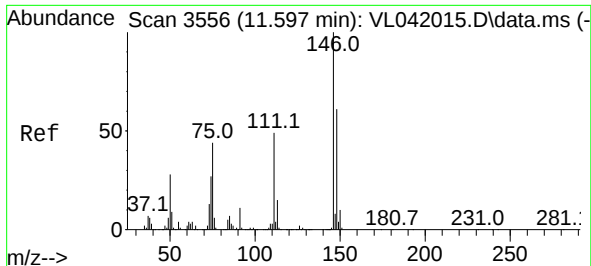
105 100

120 41.1 37.5 56.3

91 77.6 51.7 77.5#

77 23.2 18.8 28.2

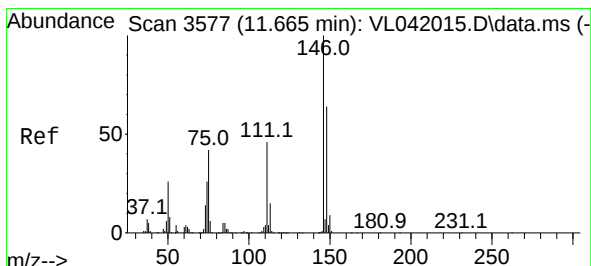
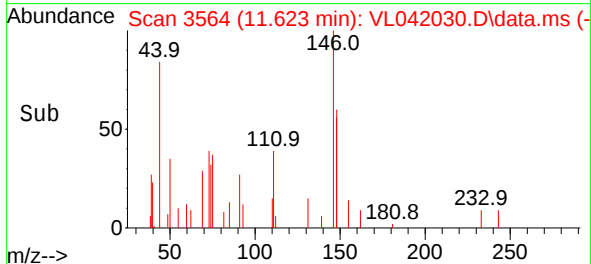
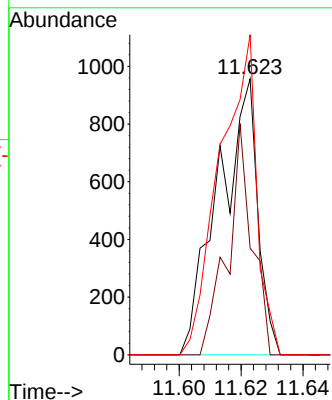
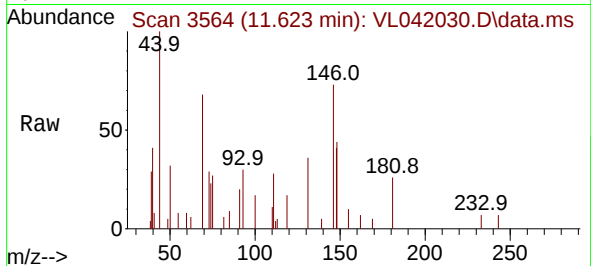




#75
1,3-Dichlorobenzene
Concen: 0.036 ppbv
RT: 11.623 min Scan# 3556
Delta R.T. 0.000 min
Lab File: VL042030.D
Acq: 17 Feb 2025 14:50

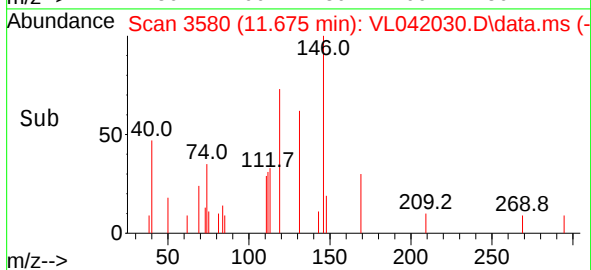
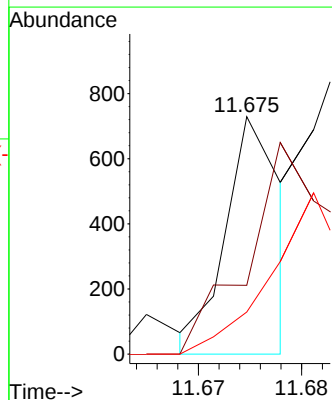
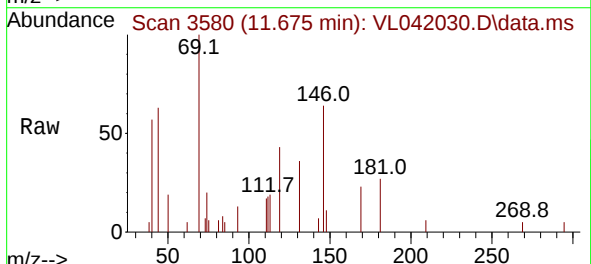
Instrument :
MSVOA_L
ClientSampleId :

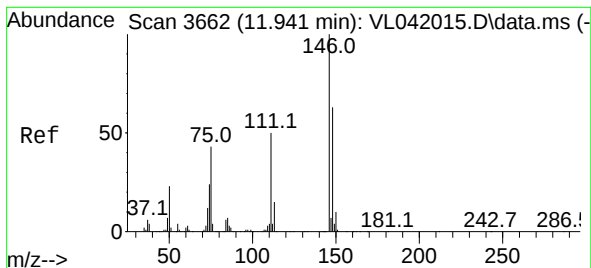
Tgt Ion:146 Resp: 841
Ion Ratio Lower Upper
146 100
111 52.0 23.9 71.7
148 108.7 31.5 94.5#



#76
1,4-Dichlorobenzene
Concen: 0.012 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. -0.010 min
Lab File: VL042030.D
Acq: 17 Feb 2025 14:50

Tgt Ion:146 Resp: 279
Ion Ratio Lower Upper
146 100
111 233.3 23.5 70.5#
148 0.0 32.3 96.9#





#77

1,2-Dichlorobenzene

Concen: 0.018 ppbv

RT: 11.956 min Scan# 3

Delta R.T. -0.003 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

ClientSampleId :

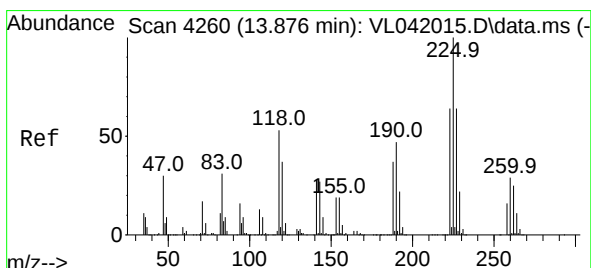
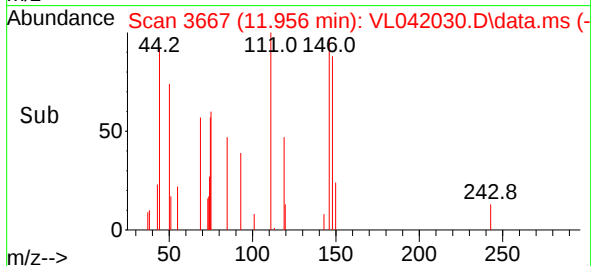
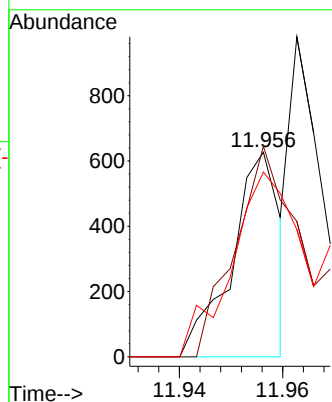
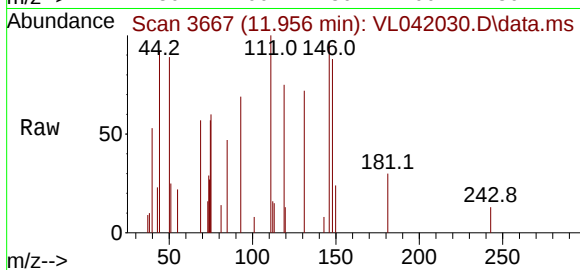
Tgt Ion:146 Resp: 407

Ion Ratio Lower Upper

146 100

111 147.9 25.6 76.8#

148 158.7 31.9 95.7#



#78

Hexachloro-1,3-Butadiene

Concen: 0.031 ppbv

RT: 13.889 min Scan# 4264

Delta R.T. -0.006 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

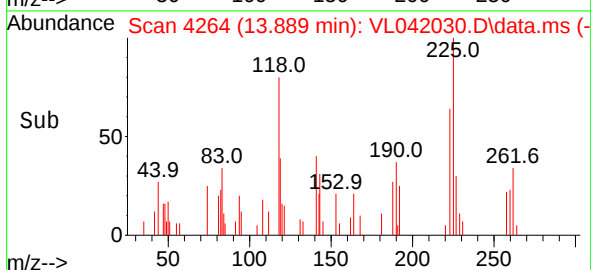
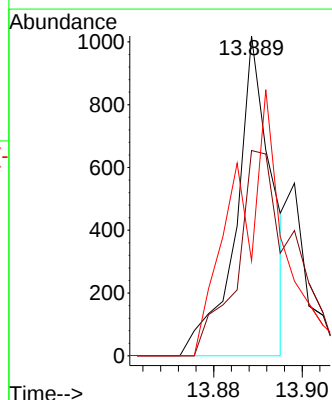
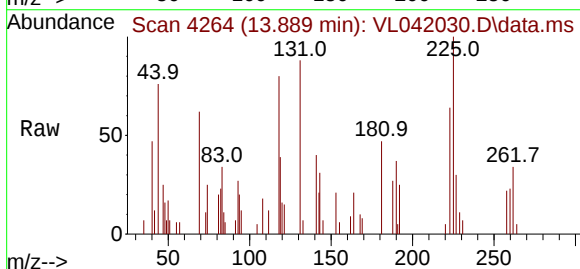
Tgt Ion:225 Resp: 569

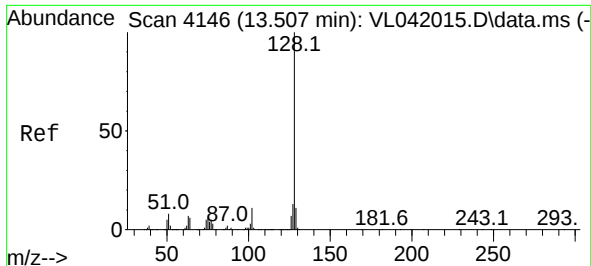
Ion Ratio Lower Upper

225 100

223 98.8 50.6 75.8#

227 112.7 50.9 76.3#





#79

Naphthalene

Concen: 0.030 ppbv

RT: 13.523 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

Instrument :

MSVOA_L

ClientSampleId :

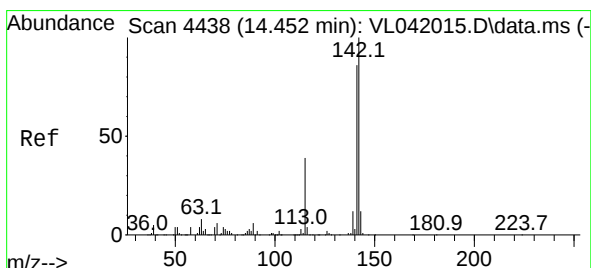
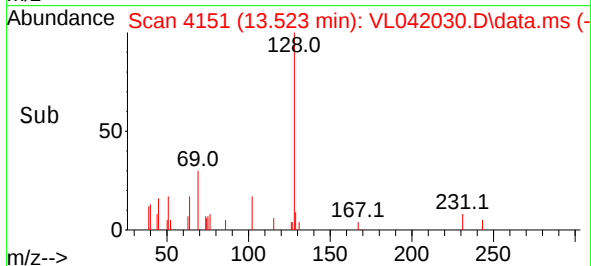
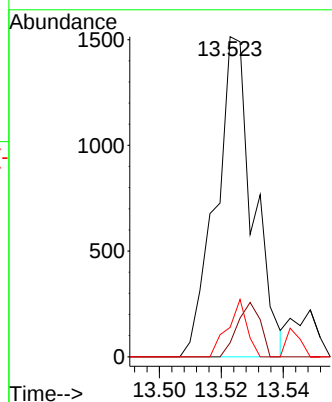
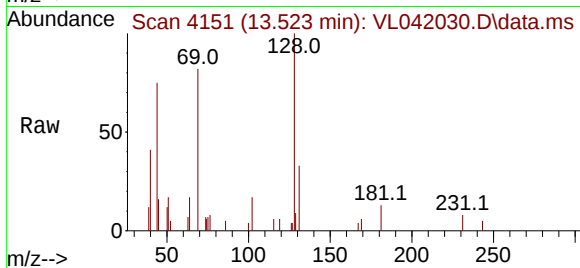
Tgt Ion:128 Resp: 1262

Ion Ratio Lower Upper

128 100

127 4.0 10.2 15.2#

129 8.4 8.6 13.0#



#80

Naphthalene,2-methyl-

Concen: 0.002 ppbv

RT: 14.516 min Scan# 4458

Delta R.T. 0.045 min

Lab File: VL042030.D

Acq: 17 Feb 2025 14:50

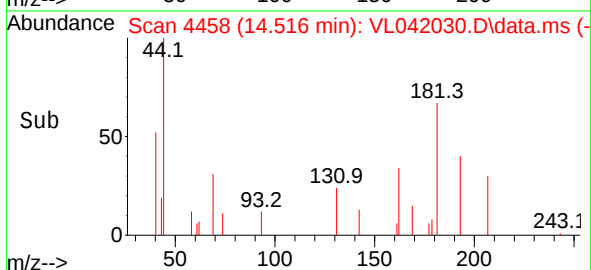
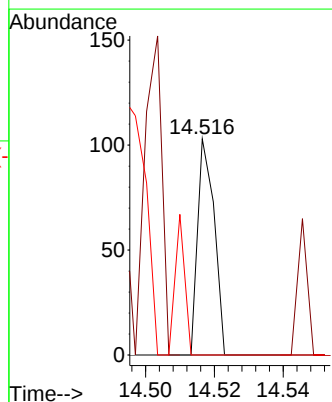
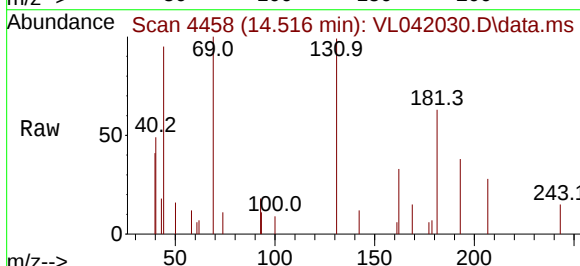
Tgt Ion:142 Resp: 34

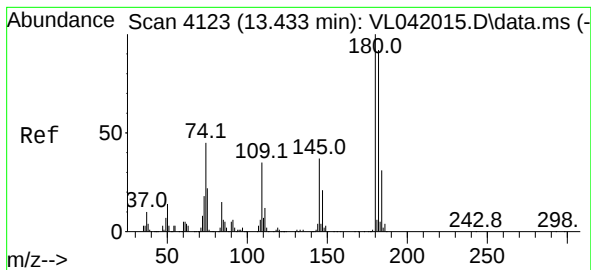
Ion Ratio Lower Upper

142 100

141 88.2 68.2 102.2

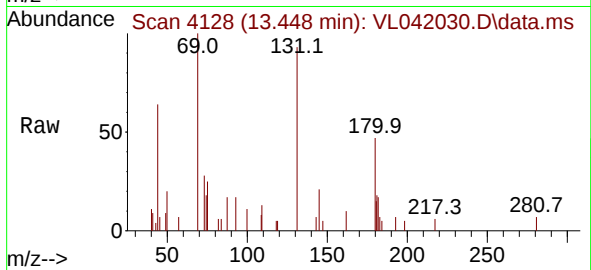
115 41.2 33.6 50.4





#81
 1,2,4-Trichlorobenzene
 Concen: 0.028 ppbv
 RT: 13.448 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL042030.D
 Acq: 17 Feb 2025 14:50

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 475
 Ion Ratio Lower Upper
 180 100
 182 71.8 75.8 113.6#
 184 24.2 24.2 36.4#

