

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041868.D
 Acq On : 09 Jan 2025 16:31
 Operator : SY/MD
 Sample : VL0109ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABL02

Quant Time: Jan 10 01:41:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	131600	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	393898	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	355796	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	284047	9.956	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.505	85	905	0.042	ppbv	98
3) Chlorodifluoromethane	1.482	51	1267	0.053	ppbv	96
4) Chloromethane	1.537	50	460	0.055	ppbv #	74
5) Vinyl Chloride	1.625	62	65	0.007	ppbv #	45
6) Bromomethane	1.673	94	100	0.024	ppbv #	3
7) Chloroethane	1.719	64	50	0.014	ppbv #	1
8) Dichlorotetrafluoroethane	1.528	85	52	0.003	ppbv #	73
9) Propene	1.143	41	173	0.016	ppbv	84
10) Heptane	5.007	43	50	0.002	ppbv #	1
11) Trichlorofluoromethane	1.887	101	353	0.016	ppbv	94
12) 1,1,2-Trichlorotrifluo...	1.699	101	38	0.002	ppbv	90
13) Ethanol	1.725	45	1727	2.456	ppbv #	29
14) Bromoethene	1.777	108	87	0.014	ppbv #	6
15) Acetone	1.845	43	4267	0.192	ppbv	89
16) 1,3-Butadiene	1.612	39	178	0.019	ppbv #	12
17) tert-Butyl alcohol	2.049	59	95	0.004	ppbv #	72
18) 1,1-Dichloroethene	2.039	96	70	0.009	ppbv #	1
19) Isopropyl Alcohol	1.900	45	1304	0.112	ppbv #	58
20) Methylene Chloride	2.068	84	2635	0.348	ppbv #	70
21) Allyl Chloride	2.110	41	643	0.045	ppbv #	26
22) trans-1,2-Dichloroethene	2.350	96	55	0.006	ppbv #	17
23) Vinyl Acetate	2.470	43	561	0.050	ppbv #	58
24) 1,1-Dichloroethane	2.424	63	102	0.006	ppbv #	88
25) Ethyl Acetate	2.855	43	228	0.004	ppbv #	74
26) Hexane	2.839	57	764	0.034	ppbv #	76
27) Carbon Disulfide	2.162	76	49	0.002	ppbv #	1
28) Methyl tert-Butyl Ether	2.460	73	34	0.002	ppbv #	1
29) Chloroform	2.858	83	852	0.027	ppbv	84
30) Cyclohexane	3.887	84	28	0.001	ppbv #	1
31) cis-1,2-Dichloroethene	2.703	61	23	0.001	ppbv #	24
32) 1,1,1-Trichloroethane	3.395	97	44	0.001	ppbv #	59
34) 2-Butanone	2.580	43	676	0.021	ppbv #	72
35) Carbon Tetrachloride	3.784	117	122	0.004	ppbv #	68
36) Benzene	3.677	78	341	0.007	ppbv #	45
37) 1,2-Dichloroethane	3.221	62	32	0.001	ppbv #	80
39) 1,2-Dichloropropane	3.981	63	97724	6.012	ppbv #	22
40) 1,4-Dioxane	4.991	88	43	0.005	ppbv #	88
41) Tetrahydrofuran	3.065	42	80	0.004	ppbv #	37
42) Bromodichloromethane	4.402	83	36	0.001	ppbv #	26
43) Methyl Methacrylate	4.887	69	11	0.001	ppbv #	1
44) 2,2,4-Trimethylpentane	4.671	57	49	0.001	ppbv #	1
45) t-1,3-Dichloropropene	6.409	75	59	0.003	ppbv #	83
46) cis-1,3-Dichloropropene	5.590	75	23	0.001	ppbv #	1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041868.D
 Acq On : 09 Jan 2025 16:31
 Operator : SY/MD
 Sample : VL0109ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABL02

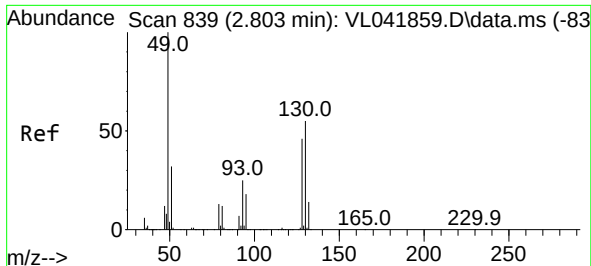
Quant Time: Jan 10 01:41:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	6.405	97	23	0.001	ppbv #	15
48) Dibromochloromethane	7.571	129	52	0.002	ppbv #	10
49) Bromoform	9.538	173	21	0.001	ppbv #	28
50) 4-Methyl-2-Pentanone	5.790	43	59	0.001	ppbv #	38
51) 2-Hexanone	7.457	43	51	0.001	ppbv #	28
53) Toluene	6.839	91	40	0.001	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.962	131	28	0.001	ppbv #	1
57) Chlorobenzene	8.907	112	57	0.001	ppbv #	1
58) Ethyl Benzene	9.367	91	138	0.002	ppbv	92
59) m/p-Xylene	9.564	91	44	0.001	ppbv #	100
60) o-Xylene	9.985	91	159	0.003	ppbv #	41
61) Styrene	9.891	104	31	0.001	ppbv #	1
62) Isopropylbenzene	10.386	105	92	0.001	ppbv	99
63) 1,1,2,2-Tetrachloroethane	10.160	83	35	0.001	ppbv #	38
64) n-propylbenzene	11.212	120	98	0.004	ppbv #	1
65) tert-Butylbenzene	11.548	119	116	0.001	ppbv #	56
66) Benzyl Chloride	11.649	91	30	0.004	ppbv #	66
67) sec-Butylbenzene	11.788	105	169	0.002	ppbv #	57
69) p-Isopropyltoluene	11.940	119	240	0.003	ppbv #	6
70) n-Butylbenzene	12.299	91	215	0.002	ppbv #	53
71) 2-Chlorotoluene	10.891	91	38	0.001	ppbv #	46
72) 4-Ethyltoluene	11.141	105	35	0.000	ppbv #	18
73) 1,3,5-Trimethylbenzene	11.225	105	62	0.001	ppbv #	1
74) 1,2,4-Trimethylbenzene	11.552	105	187	0.003	ppbv #	53
75) 1,3-Dichlorobenzene	11.681	146	70	0.002	ppbv #	51
76) 1,4-Dichlorobenzene	11.681	146	70	0.002	ppbv #	53
77) 1,2-Dichlorobenzene	11.963	146	146	0.004	ppbv	79
78) Hexachloro-1,3-Butadiene	13.892	225	74	0.002	ppbv #	1
79) Naphthalene	13.526	128	940	0.013	ppbv #	84
80) Naphthalene,2-methyl-	14.474	142	550	0.015	ppbv #	66
81) 1,2,4-Trichlorobenzene	13.458	180	383	0.011	ppbv #	40

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

Instrument :
MSVOA_L
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VL0109ABL02

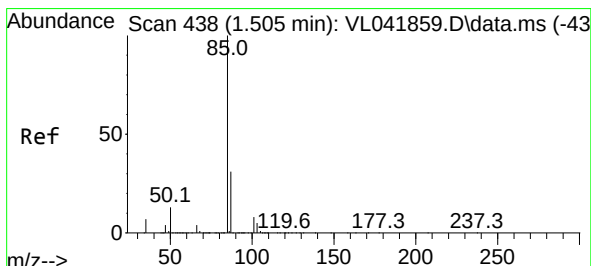
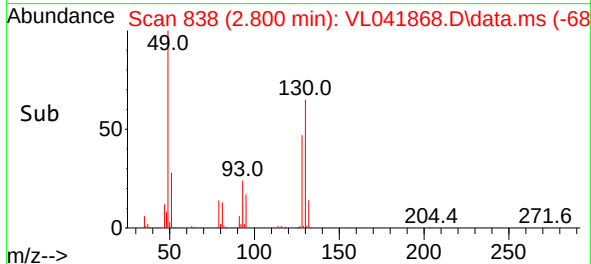
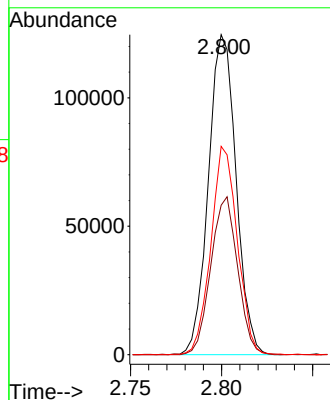
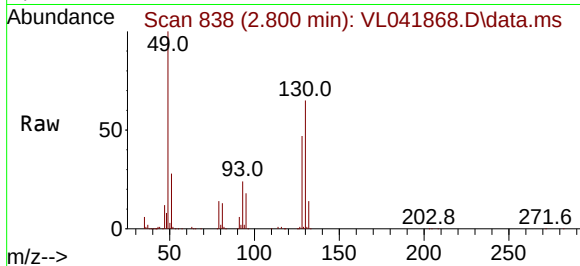
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

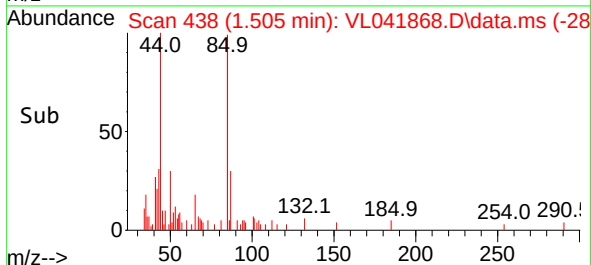
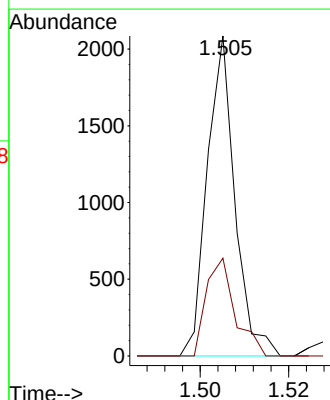
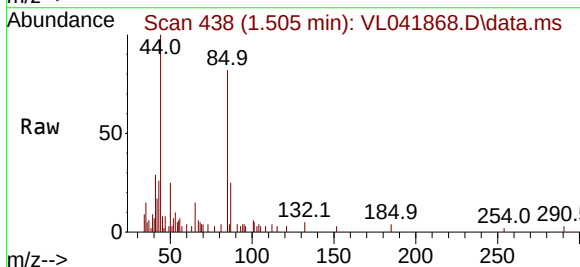
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MSVOA_L
ClientSampleId :
VL0109ABL02

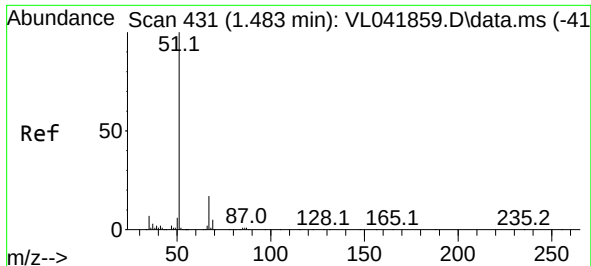
Tgt Ion: 49 Resp: 131600
Ion Ratio Lower Upper
49 100
128 47.9 23.2 69.5
130 62.5 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 0.042 ppbv
RT: 1.505 min Scan# 438
Delta R.T. -0.000 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Tgt Ion: 85 Resp: 905
Ion Ratio Lower Upper
85 100
87 30.5 25.2 37.8

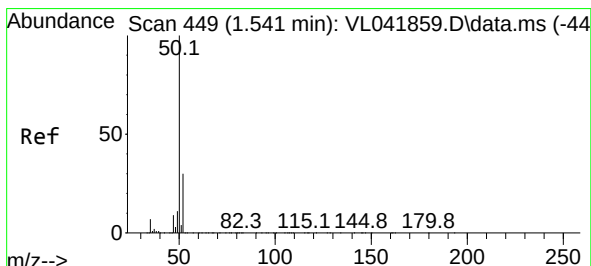
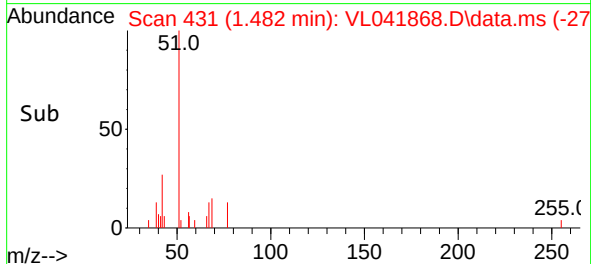
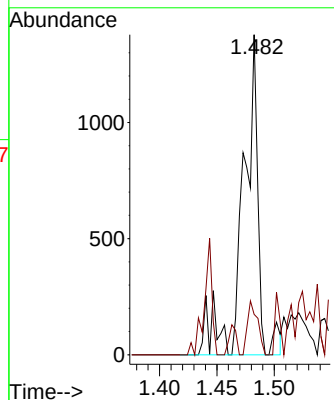
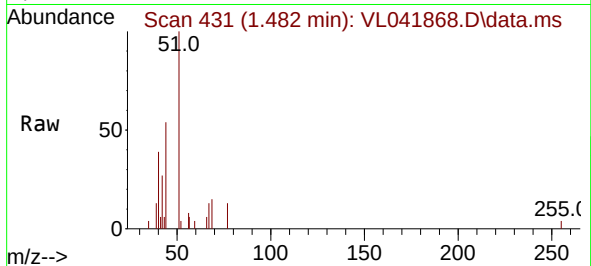




#3
Chlorodifluoromethane
Concen: 0.053 ppbv
RT: 1.482 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

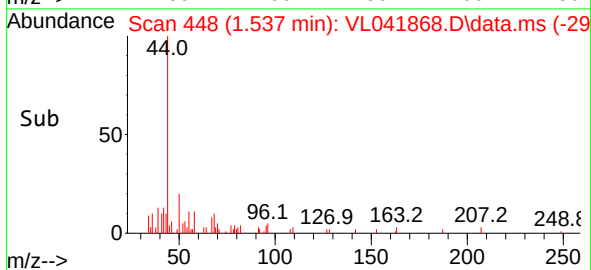
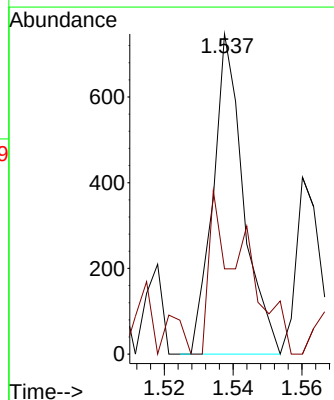
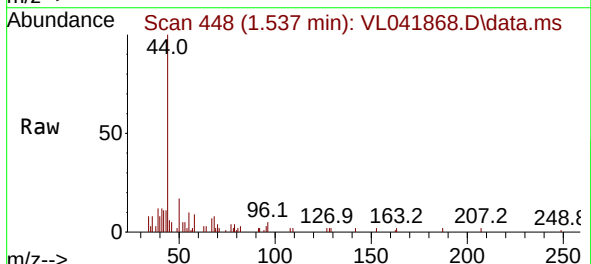
Instrument :
MSVOA_1
ClientSampleId :
VL0109ABL02

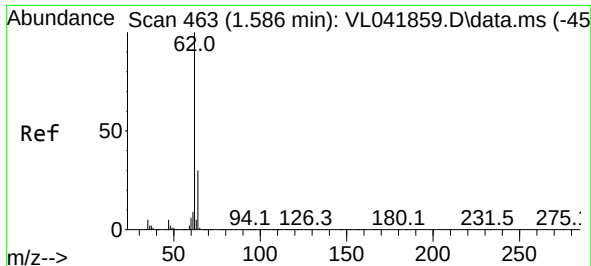
Tgt Ion: 51 Resp: 1267
Ion Ratio Lower Upper
51 100
67 15.7 13.8 20.8



#4
Chloromethane
Concen: 0.055 ppbv
RT: 1.537 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Tgt Ion: 50 Resp: 460
Ion Ratio Lower Upper
50 100
52 16.1 23.9 35.9#

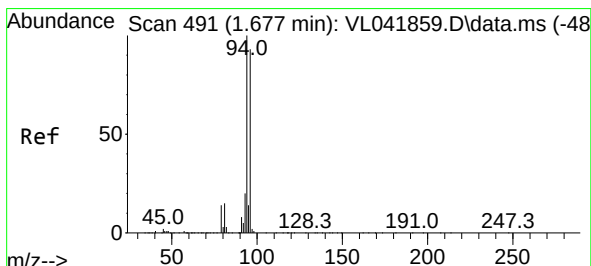
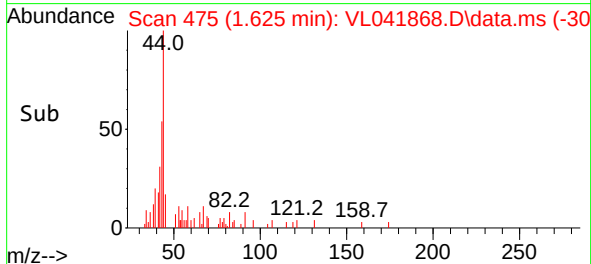
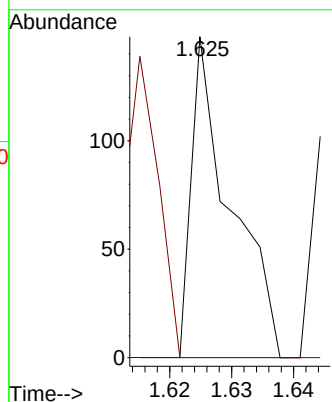
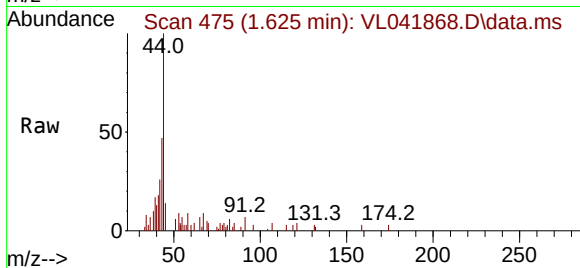




#5
 Vinyl Chloride
 Concen: 0.007 ppbv
 RT: 1.625 min Scan# 41
 Delta R.T. 0.039 min
 Lab File: VL041868.D
 Acq: 09 Jan 2025 16:31

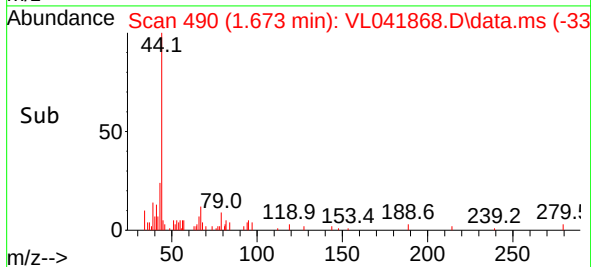
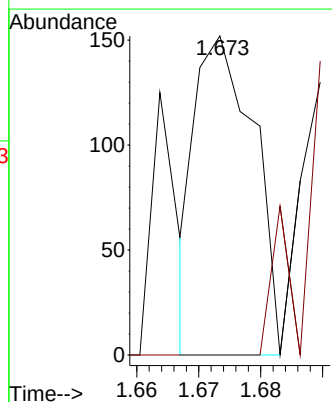
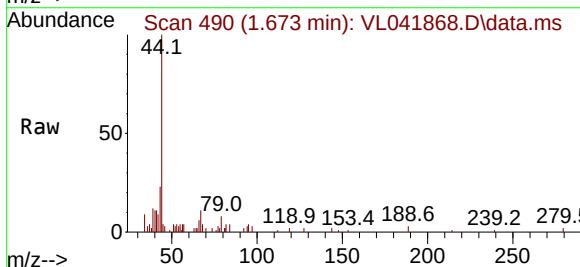
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0109ABL02

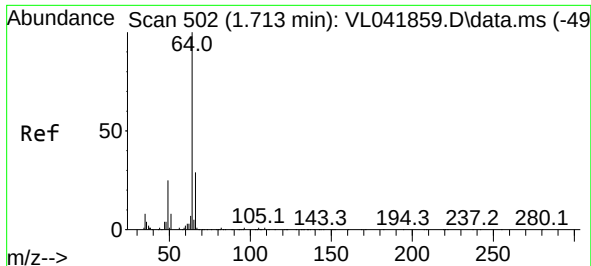
Tgt Ion: 62 Resp: 65
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.1 36.1#



#6
 Bromomethane
 Concen: 0.024 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. -0.003 min
 Lab File: VL041868.D
 Acq: 09 Jan 2025 16:31

Tgt Ion: 94 Resp: 100
 Ion Ratio Lower Upper
 94 100
 96 0.0 74.8 112.2#

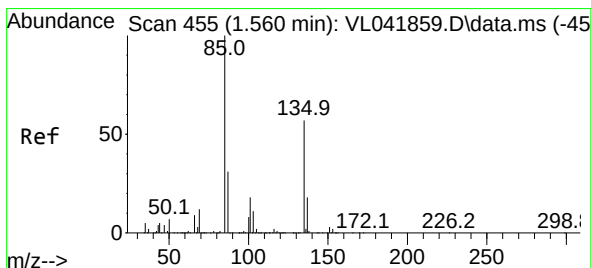
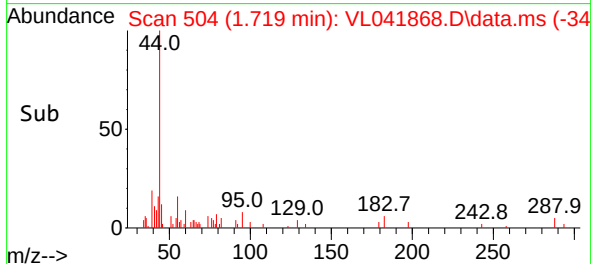
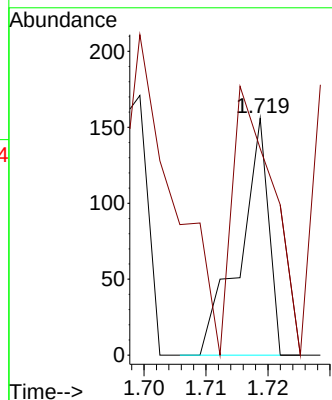
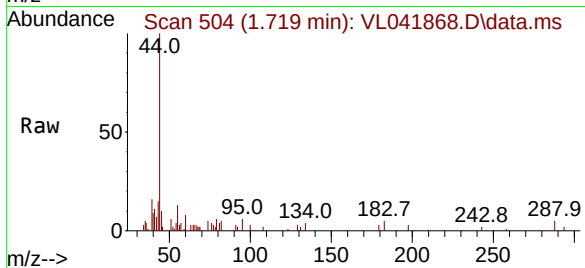




#7
Chloroethane
Concen: 0.014 ppbv
RT: 1.719 min Scan# 50
Delta R.T. 0.006 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

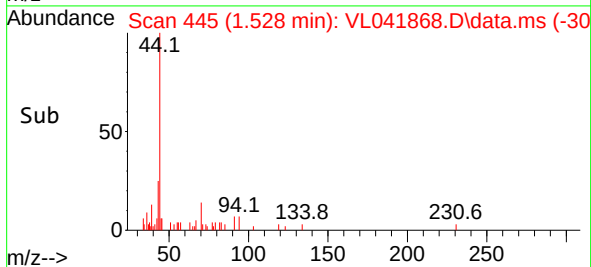
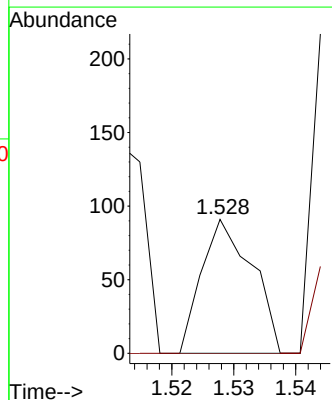
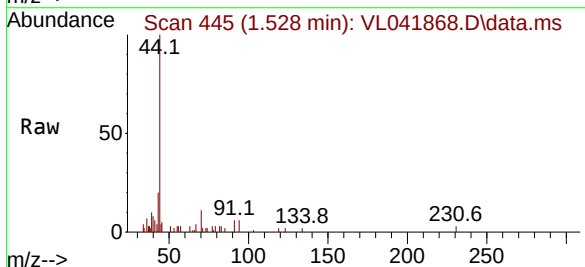
Instrument :
MSVOA_1
ClientSampleId :
VL0109ABL02

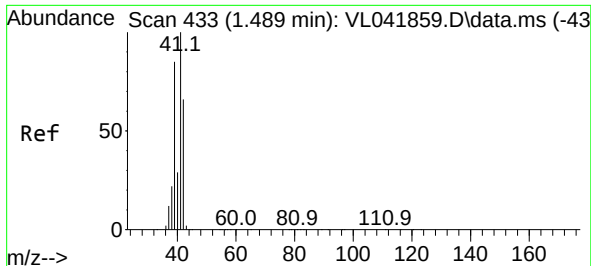
Tgt Ion: 64 Resp: 50
Ion Ratio Lower Upper
64 100
66 87.2 23.0 34.6#



#8
Dichlorotetrafluoroethane
Concen: 0.003 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.033 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Tgt Ion: 85 Resp: 52
Ion Ratio Lower Upper
85 100
135 44.2 52.2 78.4#





#9

Propene

Concen: 0.016 ppbv

RT: 1.143 min Scan# 31

Delta R.T. -0.347 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

Instrument :

MSVOA_L

ClientSampleId :

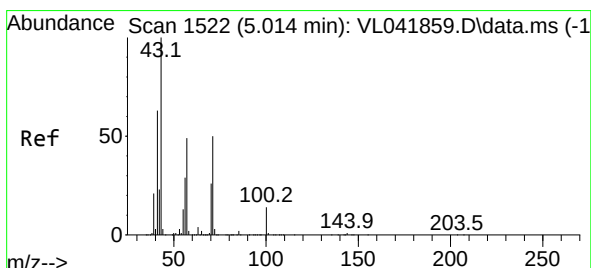
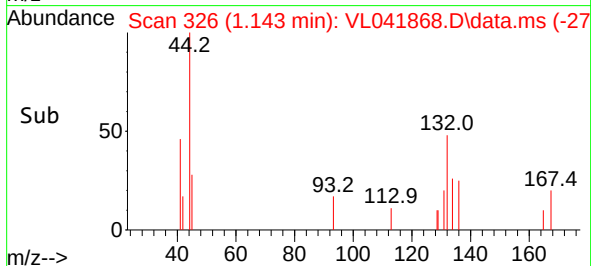
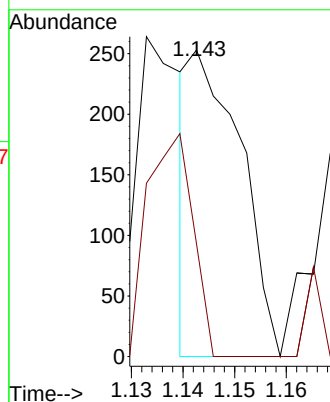
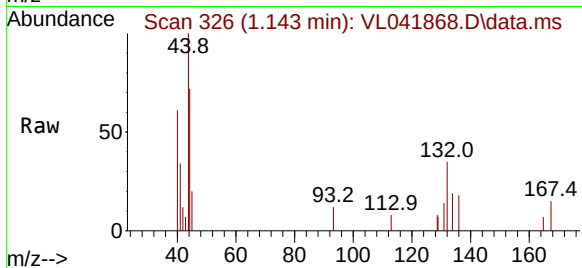
VL0109ABL02

Tgt Ion: 41 Resp: 173

Ion Ratio Lower Upper

41 100

42 79.2 53.0 79.6



#10

Heptane

Concen: 0.002 ppbv

RT: 5.007 min Scan# 1520

Delta R.T. -0.007 min

Lab File: VL041868.D

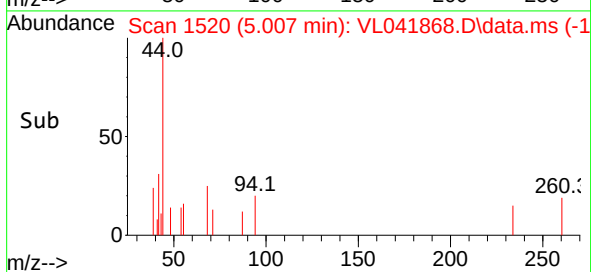
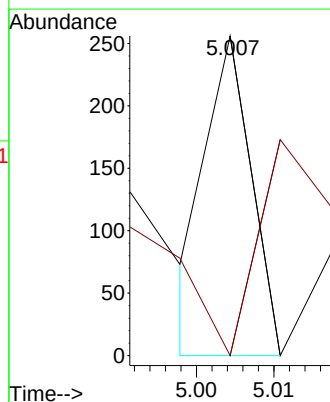
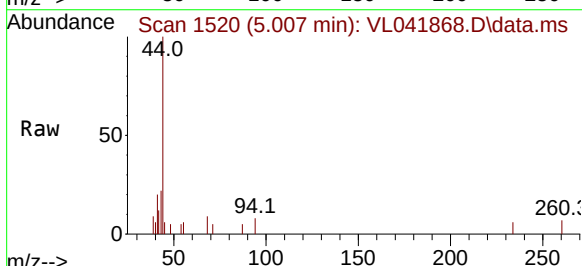
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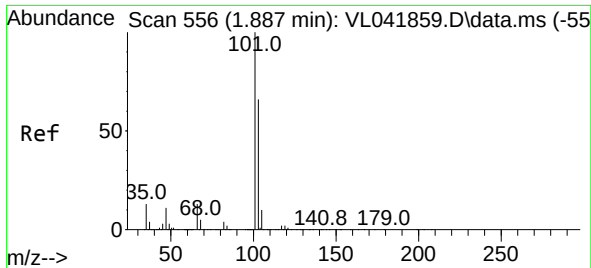
Tgt Ion: 43 Resp: 50

Ion Ratio Lower Upper

43 100

57 226.0 40.2 60.2#

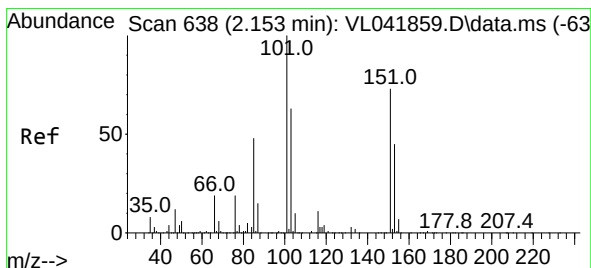
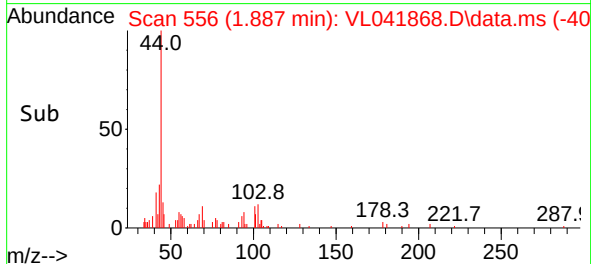
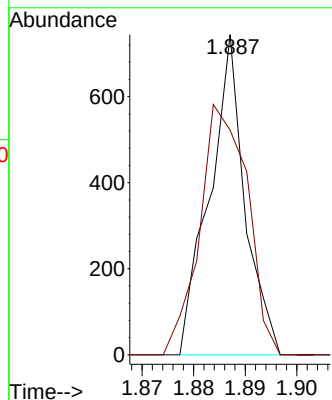
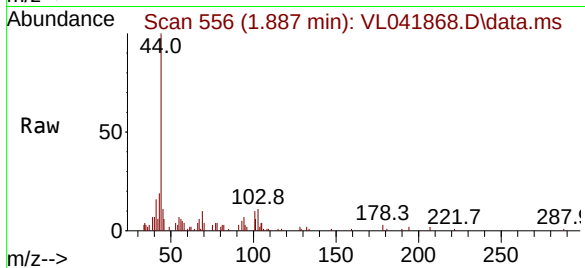




#11
 Trichlorofluoromethane
 Concen: 0.016 ppbv
 RT: 1.887 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL041868.D
 Acq: 09 Jan 2025 16:31

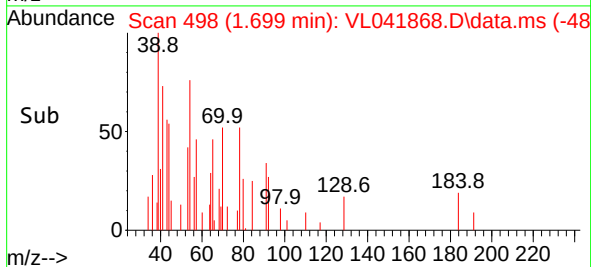
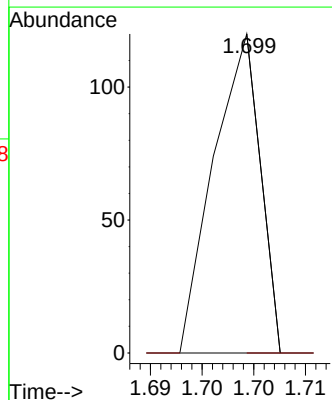
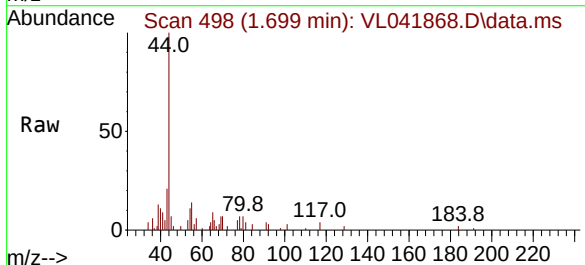
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 MSVOA_L
 ClientSampleId :
 VL0109ABL02

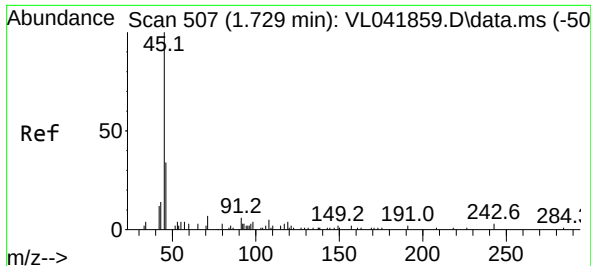
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 Ion Ratio Lower Upper
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 103 70.2 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.002 ppbv
 RT: 1.699 min Scan# 498
 Delta R.T. -0.453 min
 Lab File: VL041868.D
 Acq: 09 Jan 2025 16:31

Tgt Ion:101 Resp: 38
 Ion Ratio Lower Upper
 101 100
 151 65.8 59.4 89.0

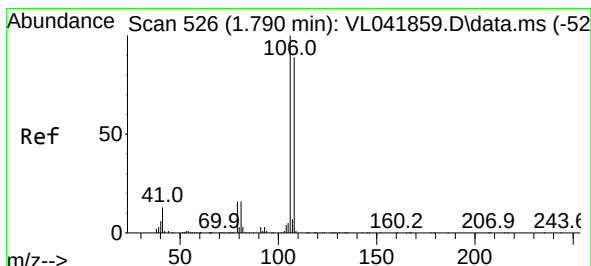
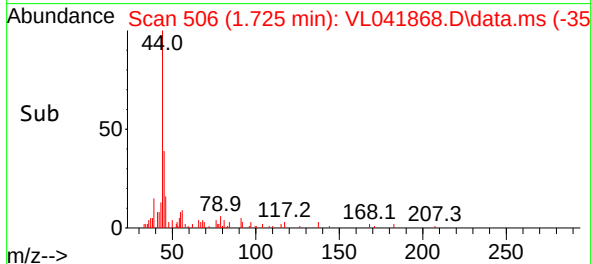
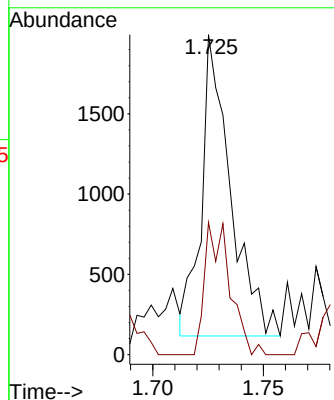
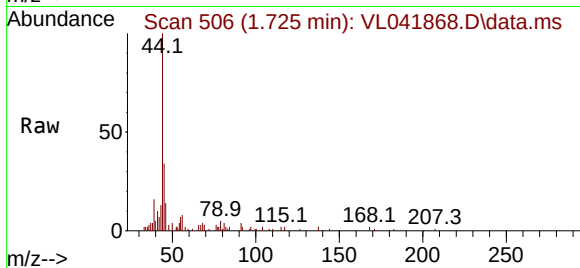




#13
 Ethanol
 Concen: 2.456 ppbv
 RT: 1.725 min Scan# 507
 Delta R.T. -0.003 min
 Lab File: VL041868.D
 Acq: 09 Jan 2025 16:31

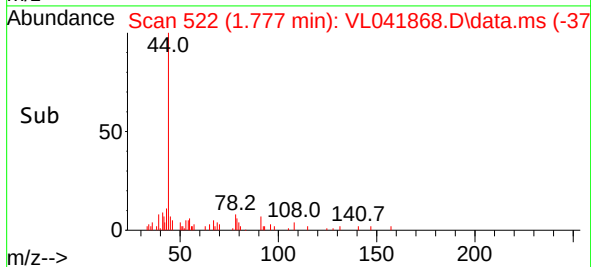
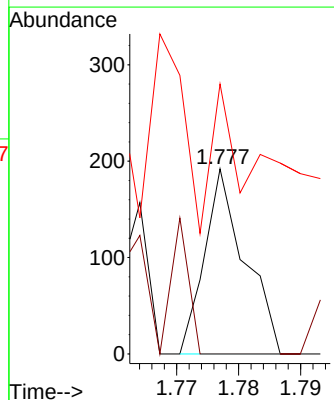
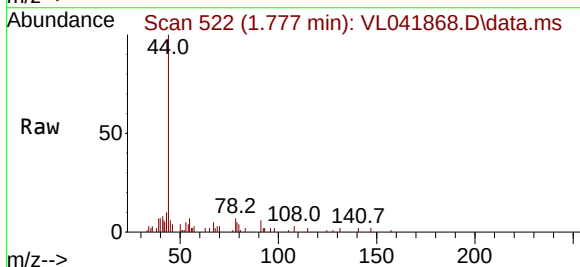
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABL02

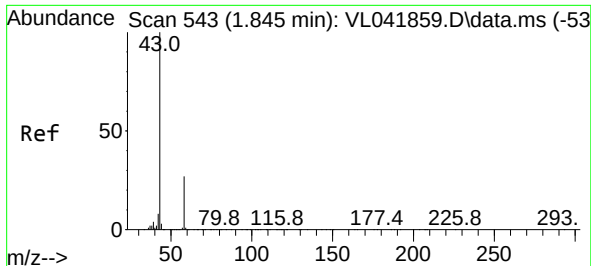
Tgt Ion: 45 Resp: 1727
 Ion Ratio Lower Upper
 45 100
 46 0.0 19.0 76.0#



#14
 Bromoethene
 Concen: 0.014 ppbv
 RT: 1.777 min Scan# 522
 Delta R.T. -0.013 min
 Lab File: VL041868.D
 Acq: 09 Jan 2025 16:31

Tgt Ion: 108 Resp: 87
 Ion Ratio Lower Upper
 108 100
 106 0.0 86.9 130.3#
 79 0.0 15.6 23.4#

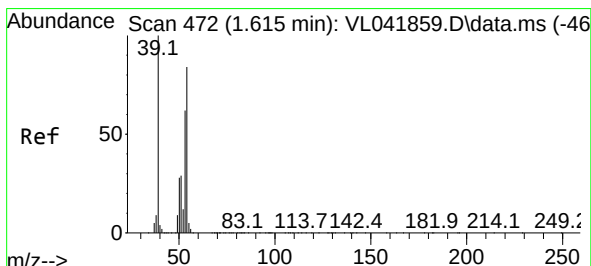
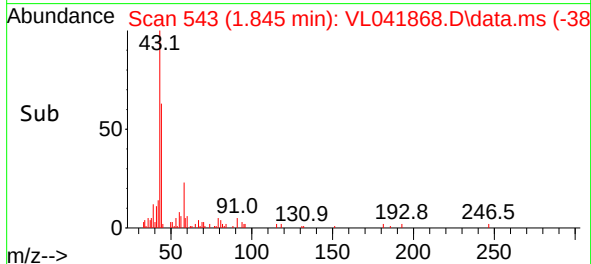
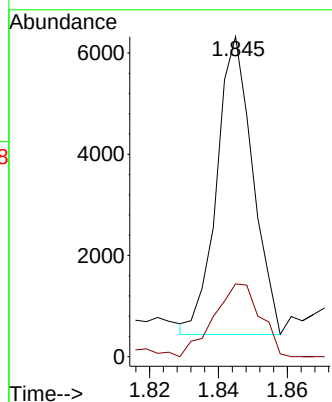
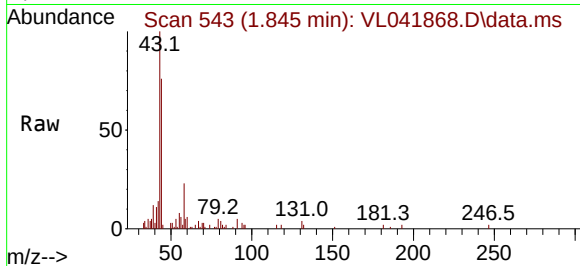




#15
Acetone
Concen: 0.192 ppbv
RT: 1.845 min Scan# 541
Delta R.T. -0.000 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

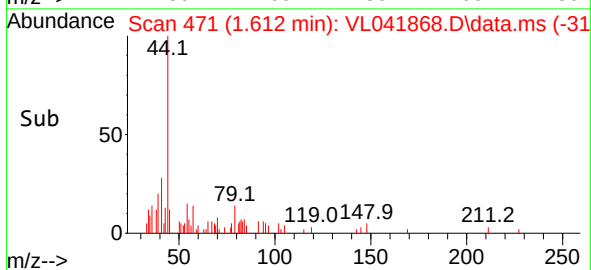
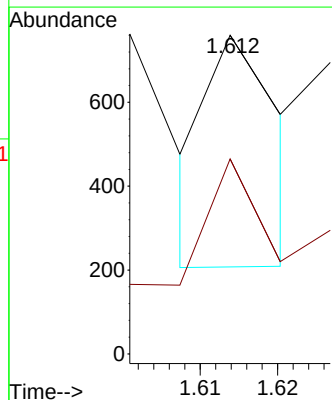
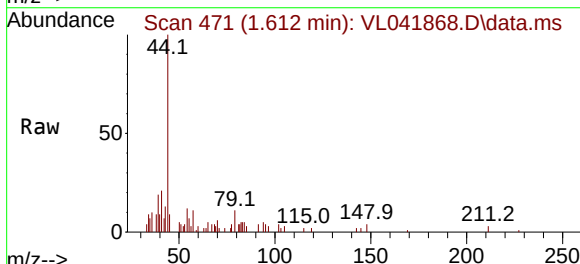
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL02

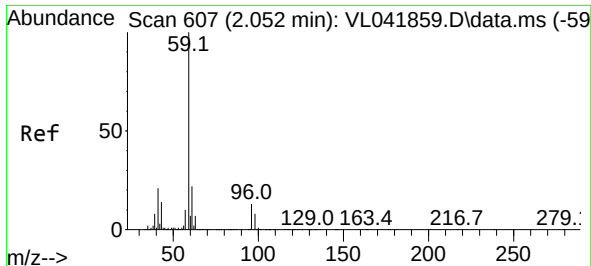
Tgt Ion: 43 Resp: 4267
Ion Ratio Lower Upper
43 100
58 34.0 22.7 34.1



#16
1,3-Butadiene
Concen: 0.019 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.003 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Tgt Ion: 39 Resp: 178
Ion Ratio Lower Upper
39 100
54 0.0 60.1 90.1#





#17

tert-Butyl alcohol

Concen: 0.004 ppbv

RT: 2.049 min Scan# 607

Delta R.T. -0.003 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

Instrument :

MSVOA_L

ClientSampleId :

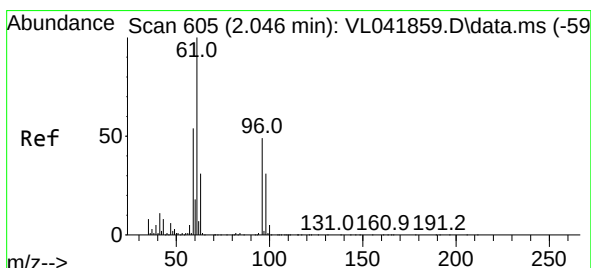
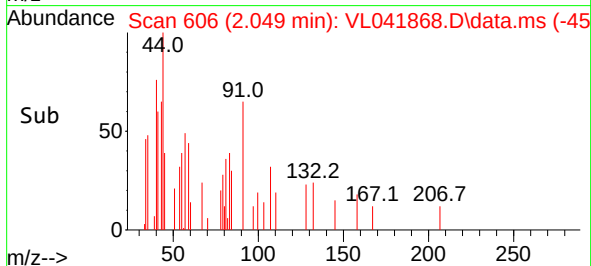
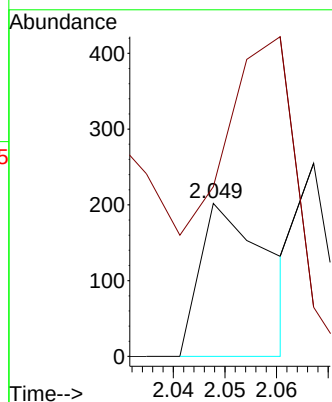
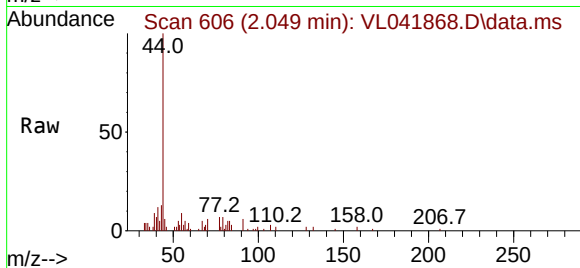
VL0109ABL02

Tgt Ion: 59 Resp: 95

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.009 ppbv

RT: 2.039 min Scan# 603

Delta R.T. -0.007 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

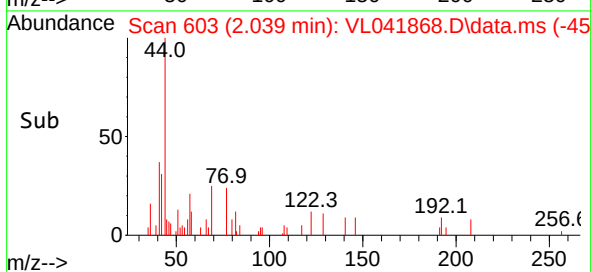
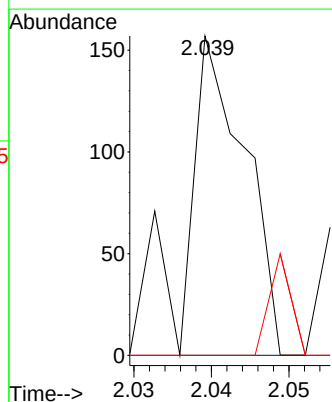
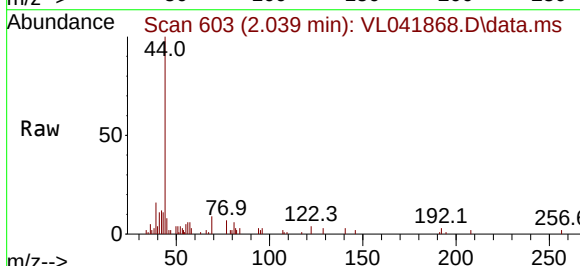
Tgt Ion: 96 Resp: 70

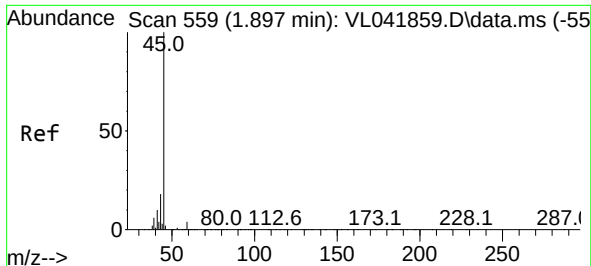
Ion Ratio Lower Upper

96 100

61 0.0 161.7 242.5#

98 0.0 51.0 76.4#

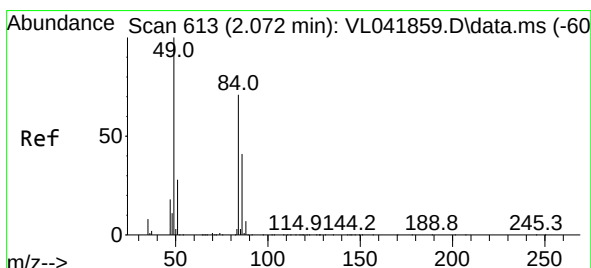
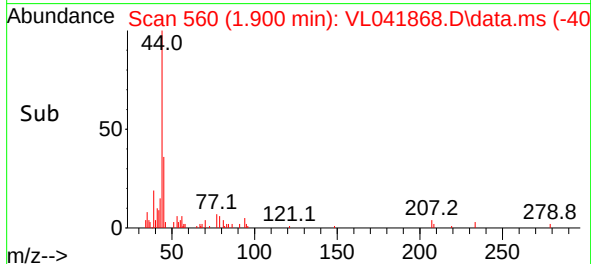
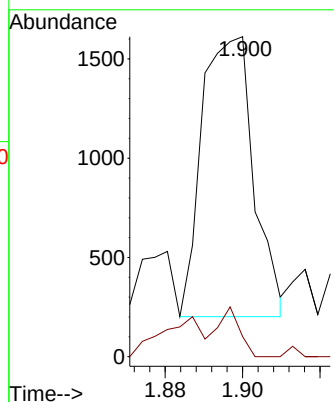
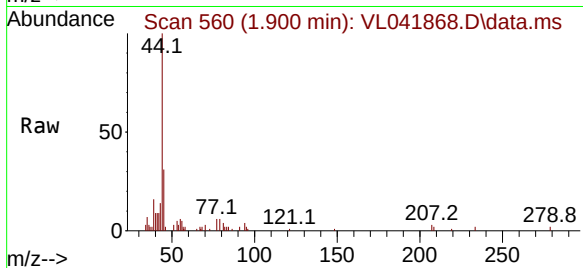




#19
Isopropyl Alcohol
Concen: 0.112 ppbv
RT: 1.900 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

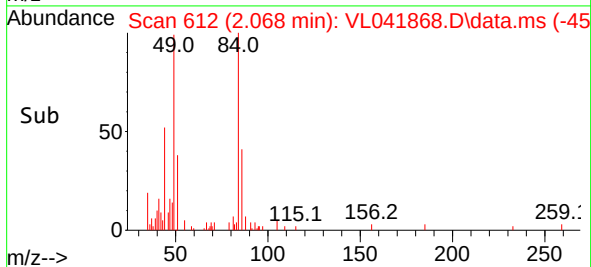
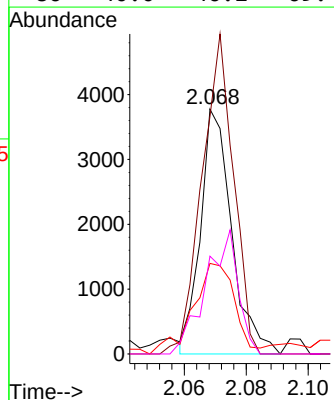
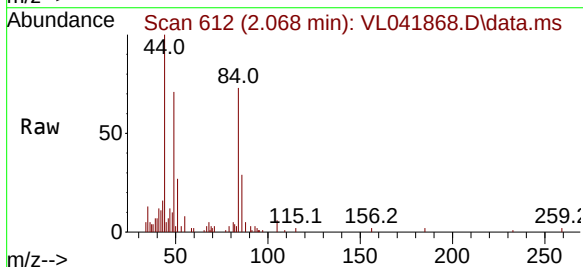
Instrument :
MSVOA_1
ClientSampleId :
VL0109ABL02

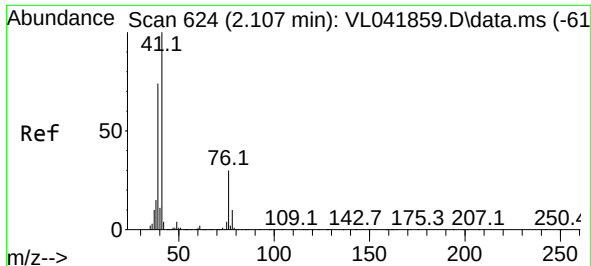
Tgt Ion: 45 Resp: 1304
Ion Ratio Lower Upper
45 100
58 18.7 37.0 55.6#



#20
Methylene Chloride
Concen: 0.348 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.003 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Tgt Ion: 84 Resp: 2635
Ion Ratio Lower Upper
84 100
49 97.0 113.8 170.8#
51 33.1 33.5 50.3#
86 40.0 46.2 69.4#

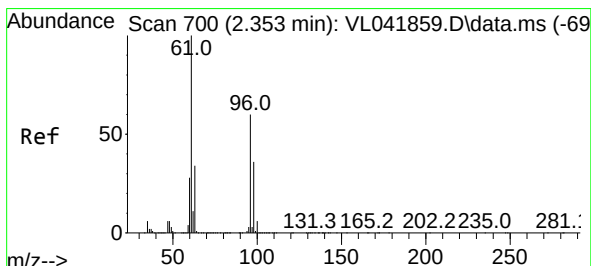
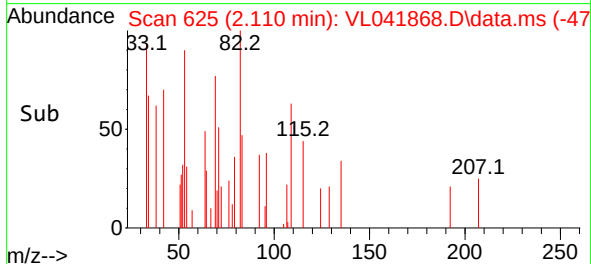
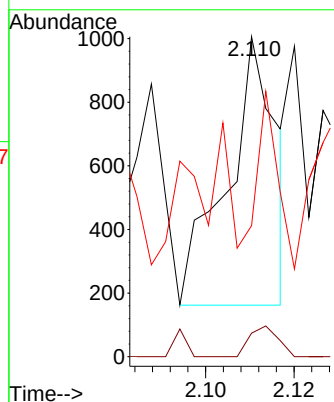
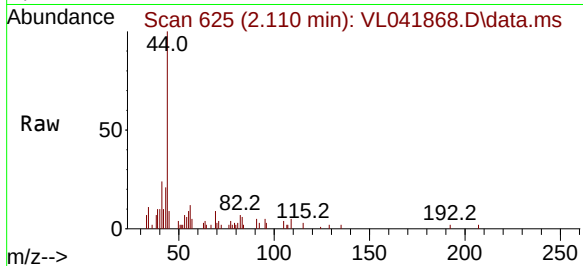




#21
 Allyl Chloride
 Concen: 0.045 ppbv
 RT: 2.110 min Scan# 610
 Delta R.T. 0.003 min
 Lab File: VL041868.D
 Acq: 09 Jan 2025 16:31

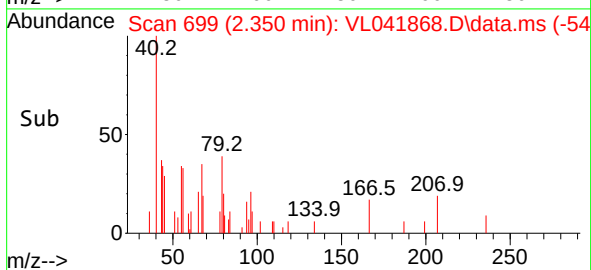
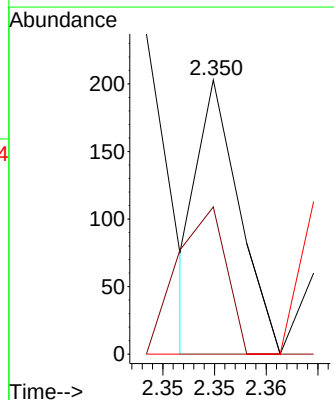
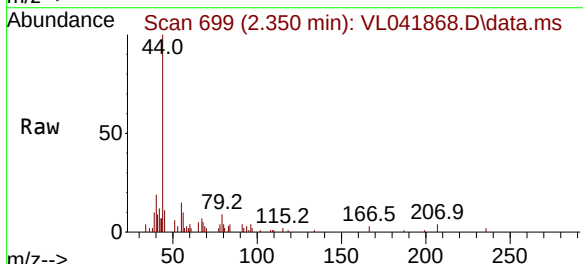
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0109ABL02

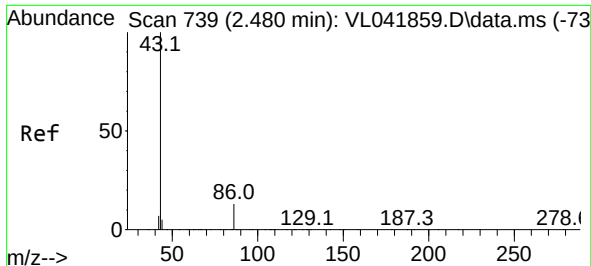
Tgt Ion: 41 Resp: 643
 Ion Ratio Lower Upper
 41 100
 76 9.3 24.6 36.8#
 39 0.0 60.1 90.1#



#22
 trans-1,2-Dichloroethene
 Concen: 0.006 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. -0.003 min
 Lab File: VL041868.D
 Acq: 09 Jan 2025 16:31

Tgt Ion: 96 Resp: 55
 Ion Ratio Lower Upper
 96 100
 61 53.7 134.2 201.4#
 98 0.0 49.0 73.4#





#23

Vinyl Acetate

Concen: 0.050 ppbv

RT: 2.470 min Scan# 739

Delta R.T. -0.010 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABL02

Tgt Ion: 43 Resp: 561

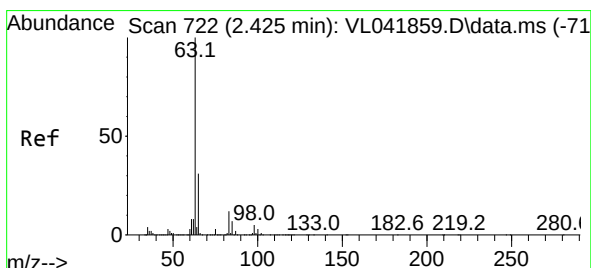
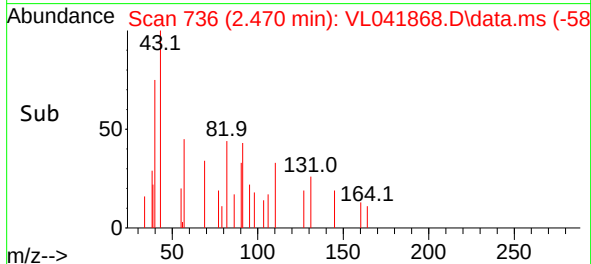
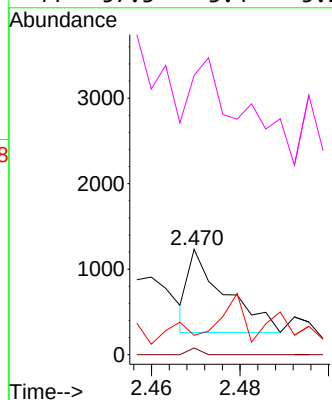
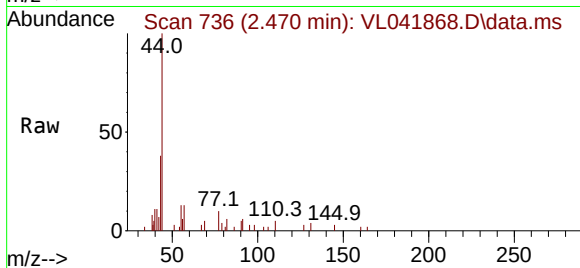
Ion Ratio Lower Upper

43 100

86 8.0 7.8 11.6

42 0.0 7.0 10.4#

44 57.3 3.4 5.2#



#24

1,1-Dichloroethane

Concen: 0.006 ppbv

RT: 2.424 min Scan# 722

Delta R.T. -0.000 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

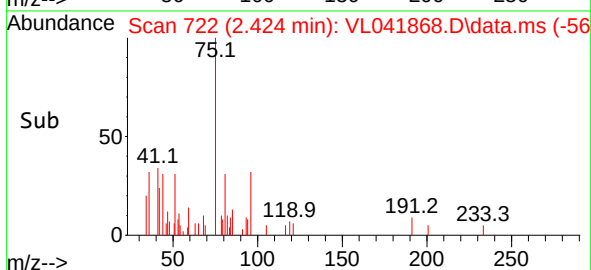
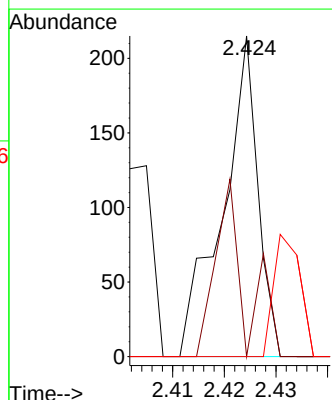
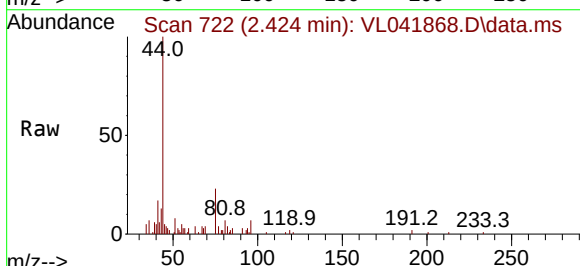
Tgt Ion: 63 Resp: 102

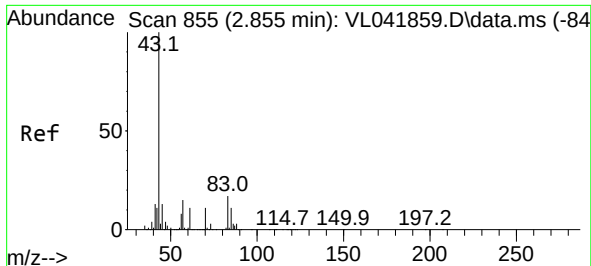
Ion Ratio Lower Upper

63 100

98 0.0 2.3 6.9#

100 0.0 1.3 3.8#

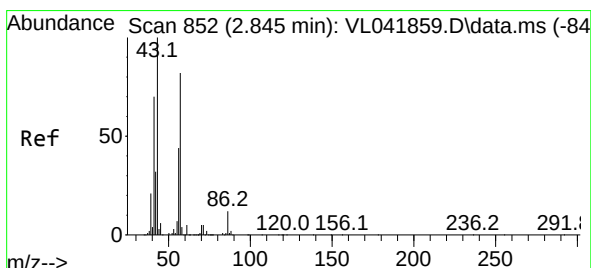
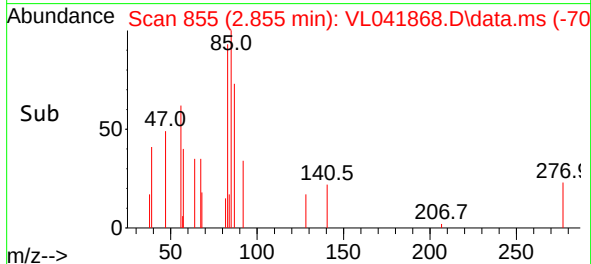
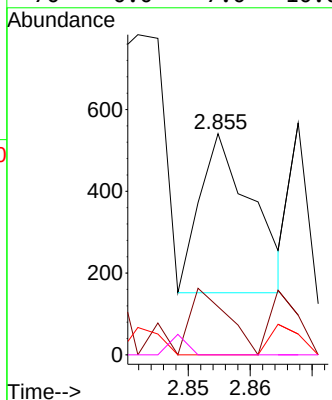
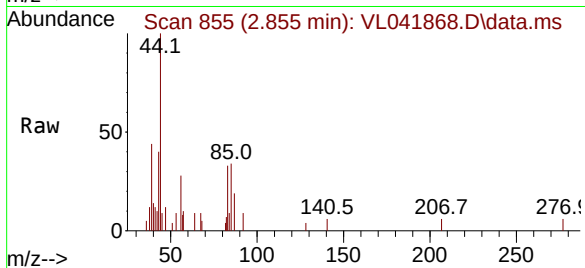




#25
Ethyl Acetate
Concen: 0.004 ppbv
RT: 2.855 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

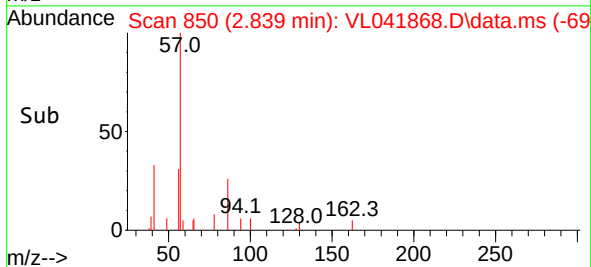
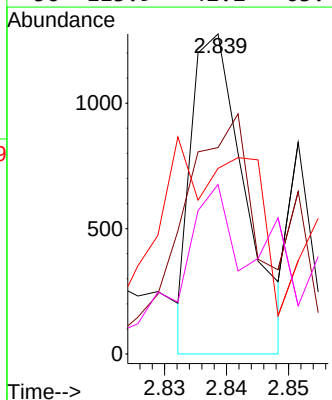
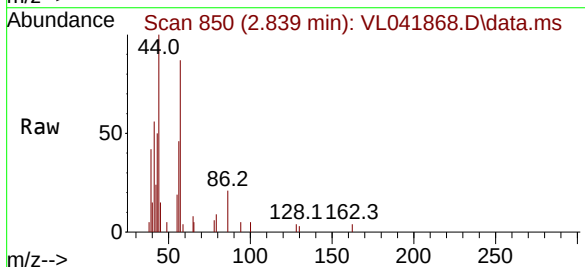
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL02

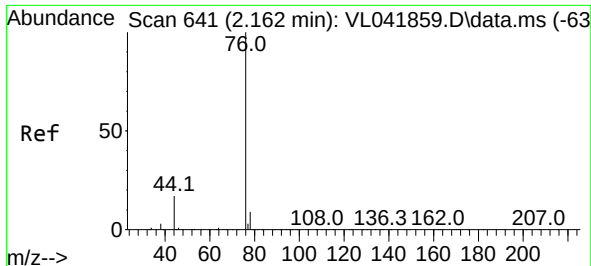
Tgt Ion:	43	Resp:	228
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.4	12.6#
61	0.0	7.3	10.9#
70	0.0	7.0	10.6#



#26
Hexane
Concen: 0.034 ppbv
RT: 2.839 min Scan# 850
Delta R.T. -0.007 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Tgt Ion:	57	Resp:	764
Ion	Ratio	Lower	Upper
57	100		
41	111.4	71.5	107.3#
43	231.8	200.2	300.4
56	113.9	42.2	63.4#





#27

Carbon Disulfide

Concen: 0.002 ppbv

RT: 2.162 min Scan# 641

Delta R.T. -0.000 min

Lab File: VL041868.D

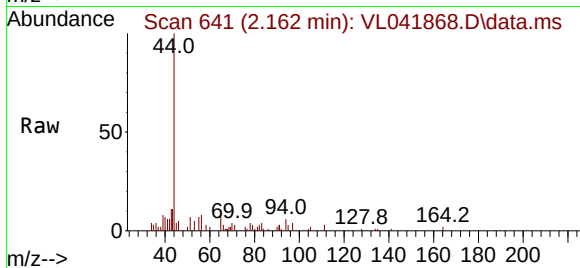
Acq: 09 Jan 2025 16:31

Instrument :

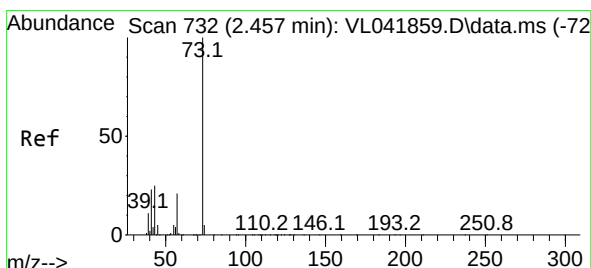
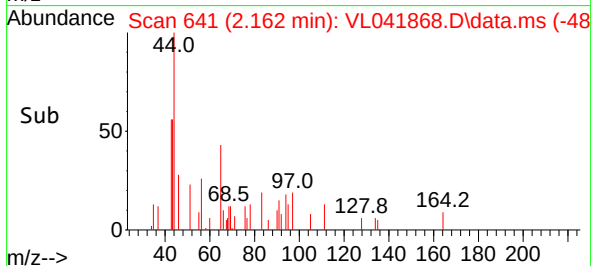
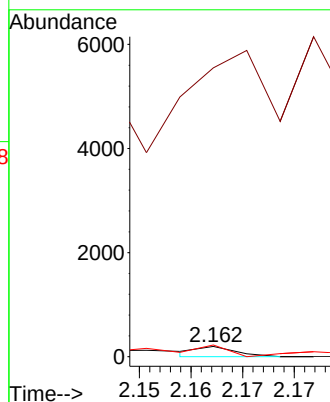
MSVOA_L

ClientSampleId :

VL0109ABL02



Tgt Ion:	76	Resp:	49
Ion Ratio	Lower	Upper	
76	100		
44	7414.3	13.1	19.7#
78	622.4	9.5	14.3#



#28

Methyl tert-Butyl Ether

Concen: 0.002 ppbv

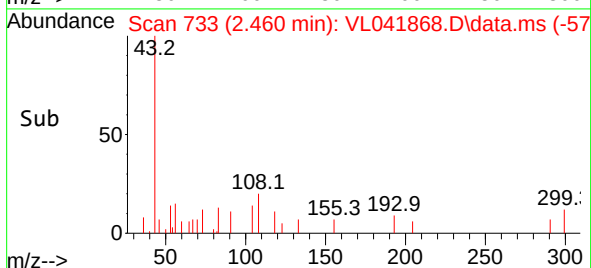
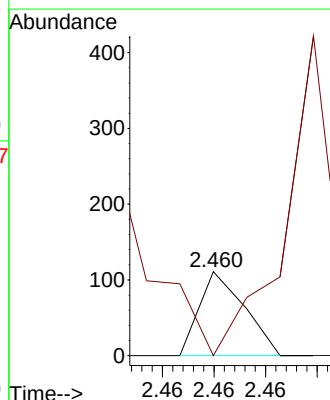
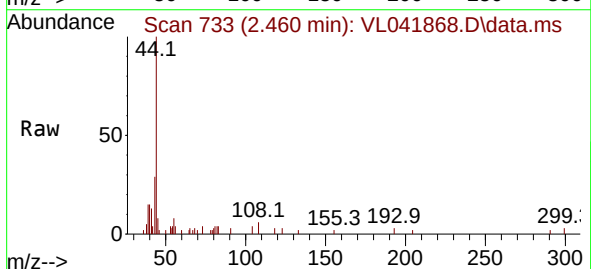
RT: 2.460 min Scan# 733

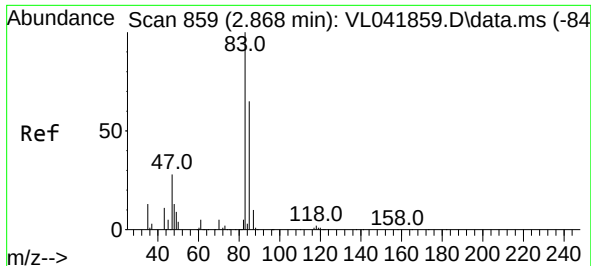
Delta R.T. 0.003 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

Tgt Ion:	73	Resp:	34
Ion Ratio	Lower	Upper	
73	100		
57	505.9	17.5	26.3#





#29

Chloroform

Concen: 0.027 ppbv

RT: 2.858 min Scan# 859

Delta R.T. -0.010 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

Instrument :

MSVOA_L

ClientSampleId :

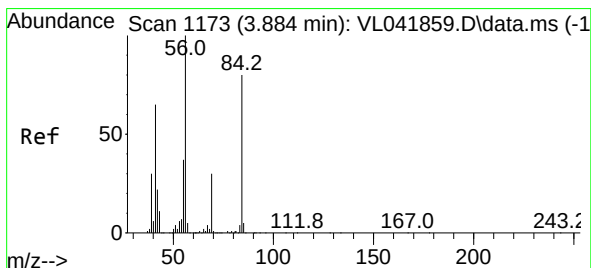
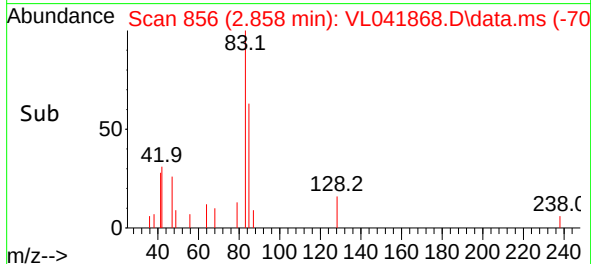
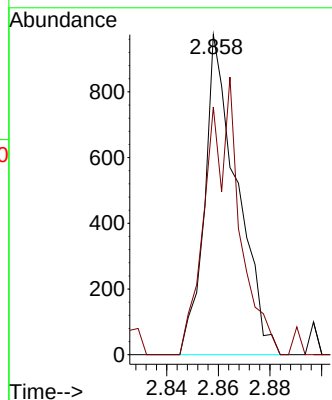
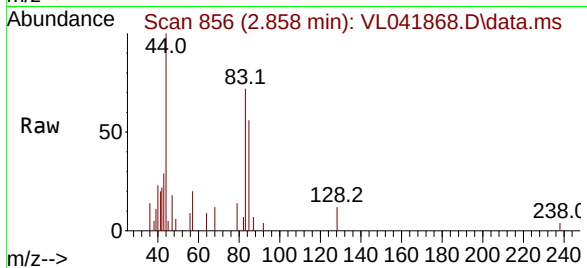
VL0109ABL02

Tgt Ion: 83 Resp: 852

Ion Ratio Lower Upper

83 100

85 77.4 51.7 77.5



#30

Cyclohexane

Concen: 0.001 ppbv

RT: 3.887 min Scan# 1174

Delta R.T. 0.003 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

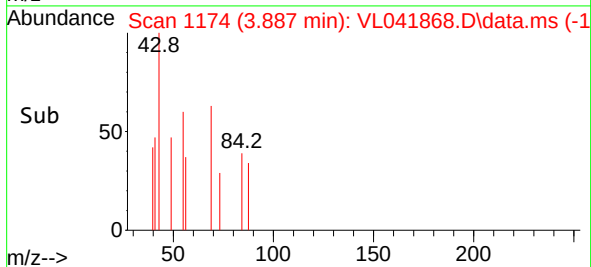
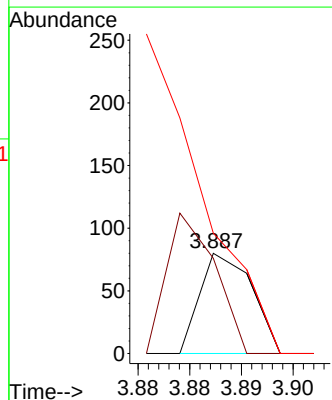
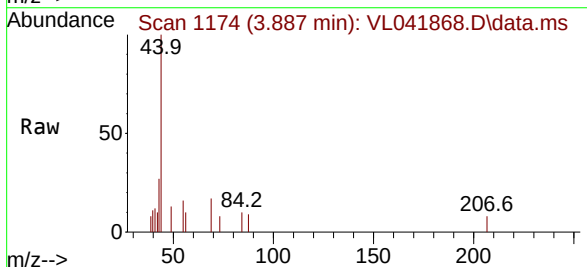
Tgt Ion: 84 Resp: 28

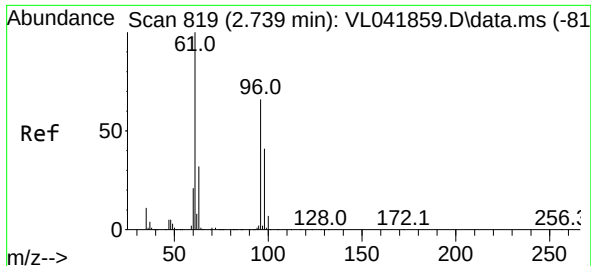
Ion Ratio Lower Upper

84 100

56 0.0 100.7 151.1#

41 421.4 62.8 94.2#

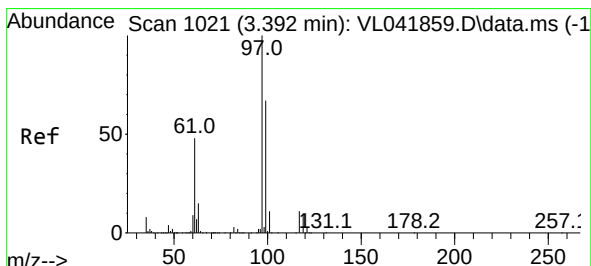
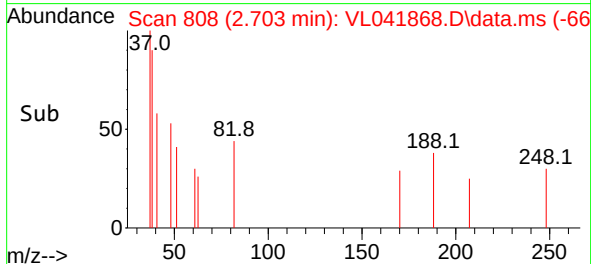
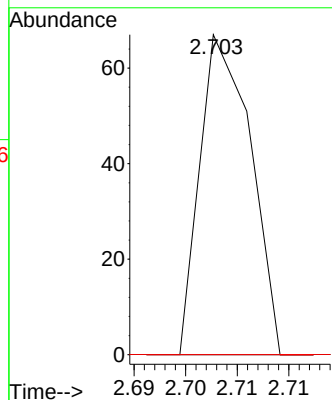
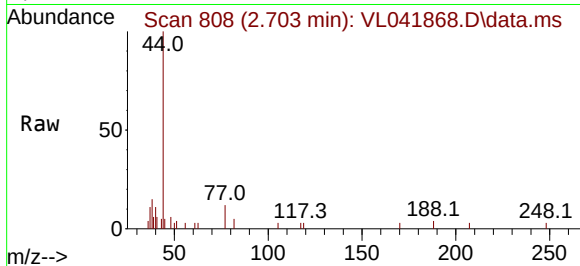




#31
 cis-1,2-Dichloroethene
 Concen: 0.001 ppbv
 RT: 2.703 min Scan# 808
 Delta R.T. -0.036 min
 Lab File: VL041868.D
 Acq: 09 Jan 2025 16:31

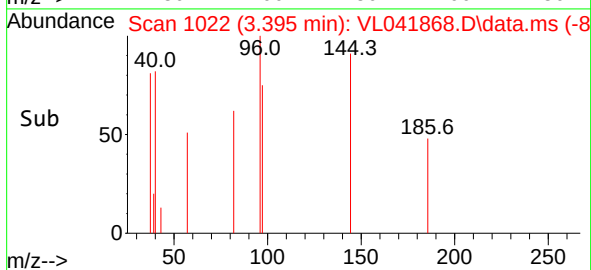
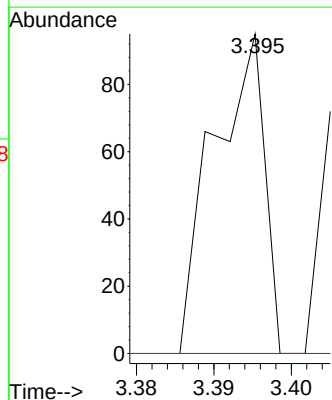
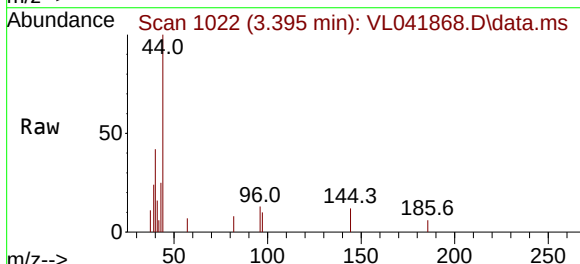
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0109ABL02

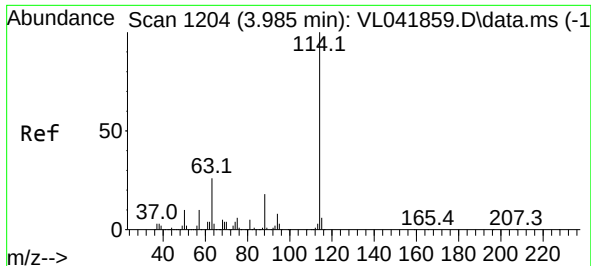
Tgt Ion: 61 Resp: 23
 Ion Ratio Lower Upper
 61 100
 96 0.0 53.2 79.8#
 98 0.0 32.5 48.7#



#32
 1,1,1-Trichloroethane
 Concen: 0.001 ppbv
 RT: 3.395 min Scan# 1022
 Delta R.T. 0.003 min
 Lab File: VL041868.D
 Acq: 09 Jan 2025 16:31

Tgt Ion: 97 Resp: 44
 Ion Ratio Lower Upper
 97 100
 99 79.5 52.0 78.0#
 61 0.0 38.8 58.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.978 min Scan# 11

Delta R.T. -0.007 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABL02

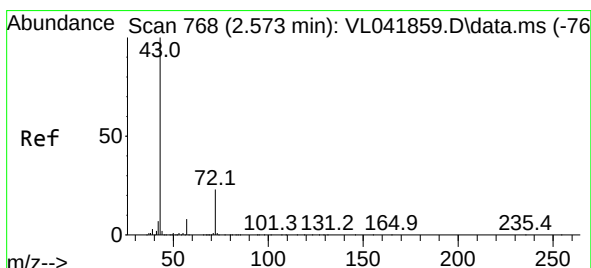
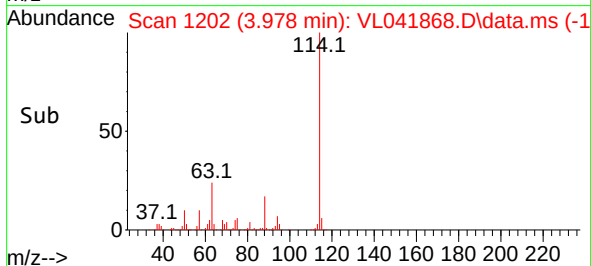
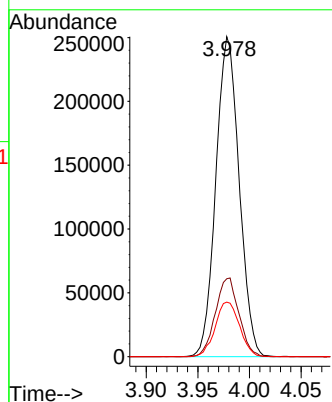
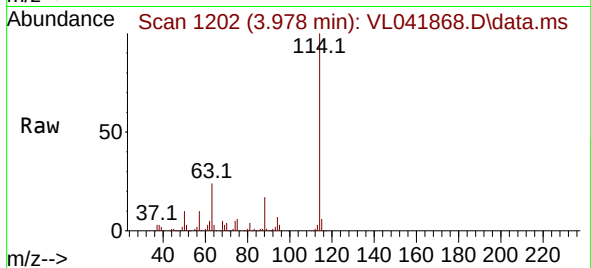
Tgt Ion:114 Resp: 393898

Ion Ratio Lower Upper

114 100

63 24.8 20.3 30.5

88 17.9 14.6 21.8



#34

2-Butanone

Concen: 0.021 ppbv

RT: 2.580 min Scan# 770

Delta R.T. 0.006 min

Lab File: VL041868.D

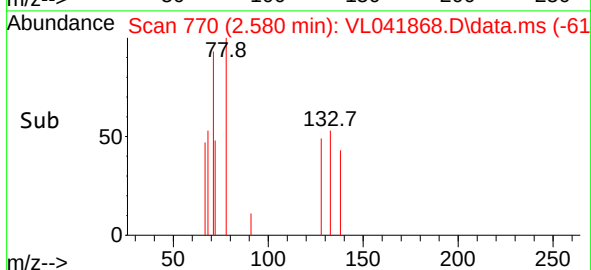
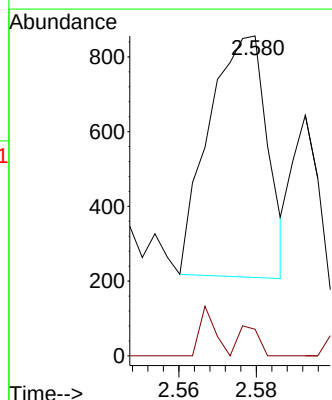
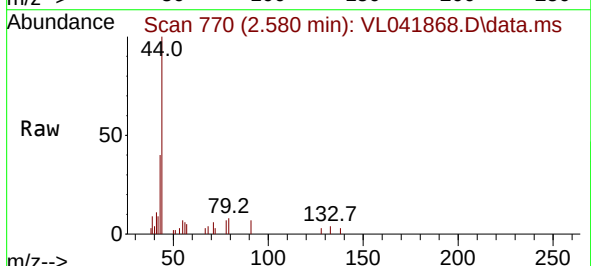
Acq: 09 Jan 2025 16:31

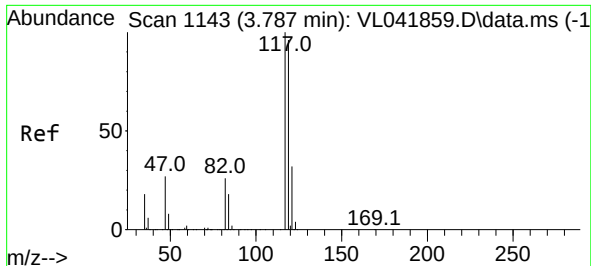
Tgt Ion: 43 Resp: 676

Ion Ratio Lower Upper

43 100

72 9.6 18.5 27.7#

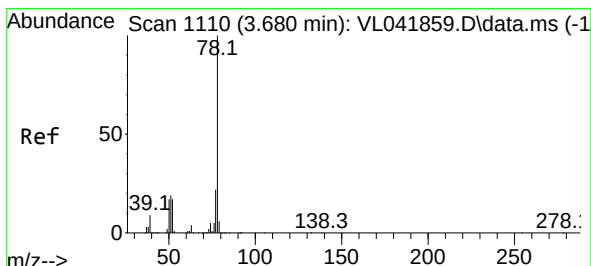
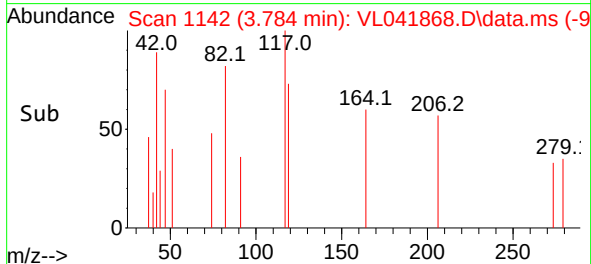
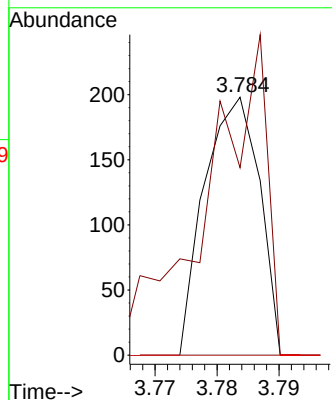
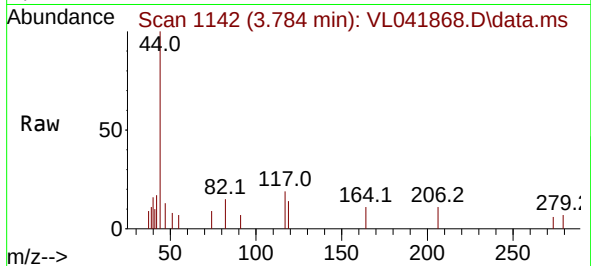




#35
Carbon Tetrachloride
Concen: 0.004 ppbv
RT: 3.784 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

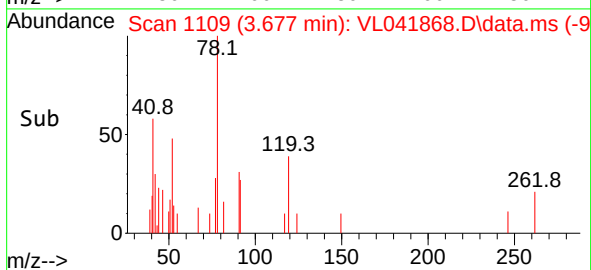
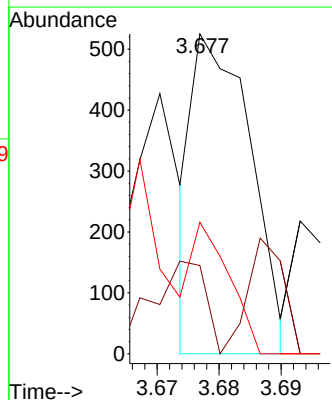
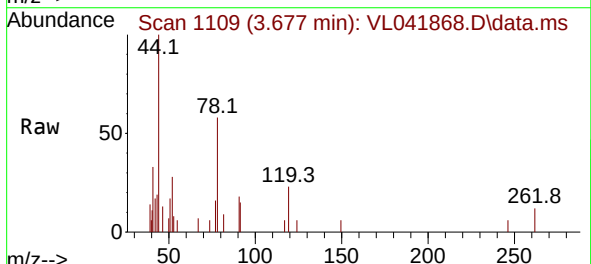
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL02

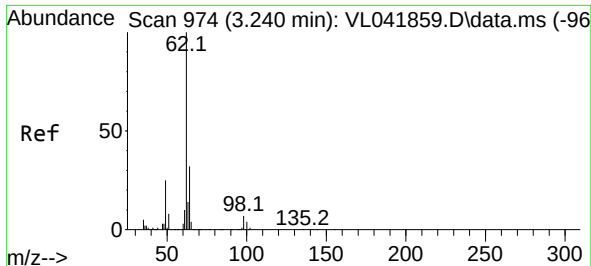
Tgt Ion:117 Resp: 122
Ion Ratio Lower Upper
117 100
119 72.7 76.9 115.3#
121 0.0 25.9 38.9#



#36
Benzene
Concen: 0.007 ppbv
RT: 3.677 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Tgt Ion: 78 Resp: 341
Ion Ratio Lower Upper
78 100
77 0.0 17.9 26.9#
50 46.2 13.7 20.5#





#37

1,2-Dichloroethane

Concen: 0.001 ppbv

RT: 3.221 min Scan# 9

Delta R.T. -0.020 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

Instrument :

MSVOA_1

ClientSampleId :

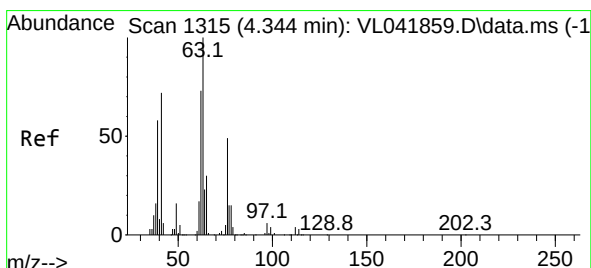
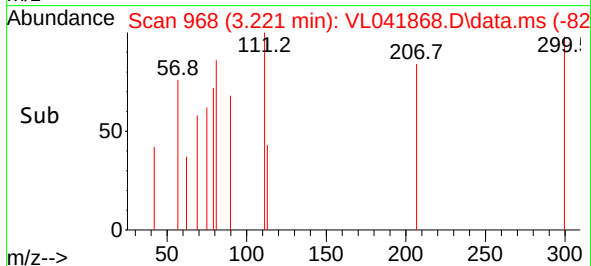
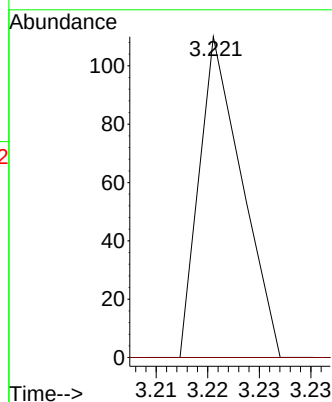
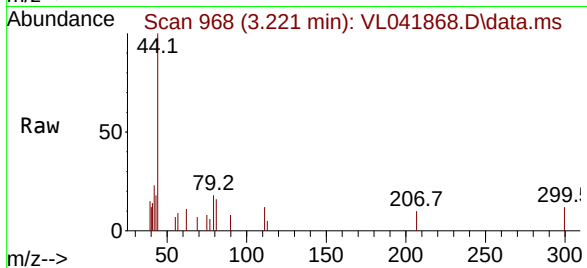
VL0109ABL02

Tgt Ion: 62 Resp: 32

Ion Ratio Lower Upper

62 100

98 0.0 5.6 8.4#



#39

1,2-Dichloropropane

Concen: 6.012 ppbv

RT: 3.981 min Scan# 1203

Delta R.T. -0.363 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

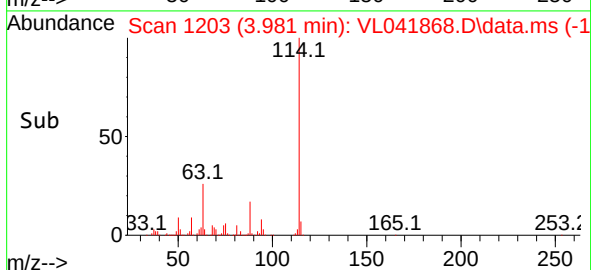
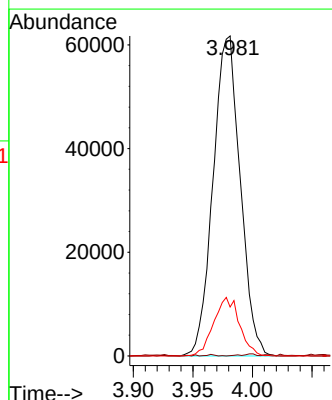
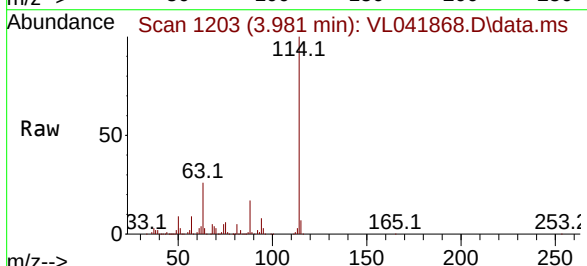
Tgt Ion: 63 Resp: 97724

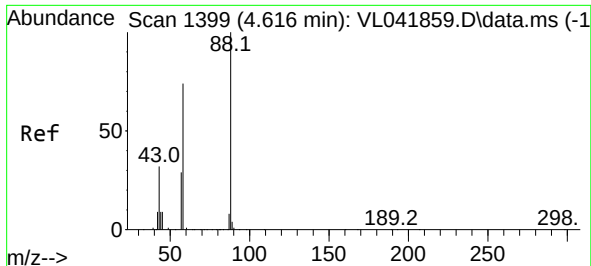
Ion Ratio Lower Upper

63 100

41 0.2 58.0 87.0#

62 15.3 58.6 87.8#

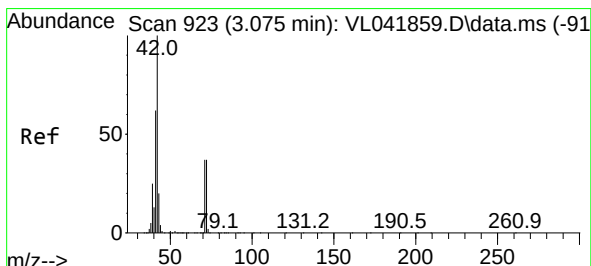
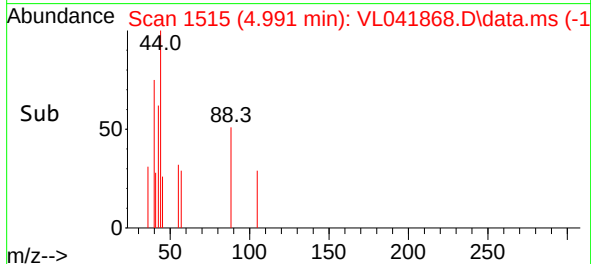
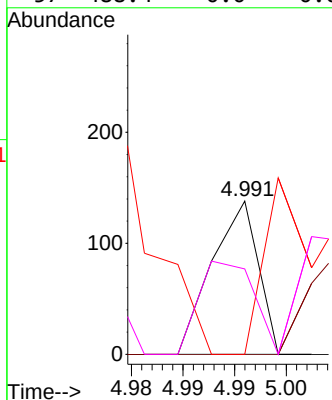
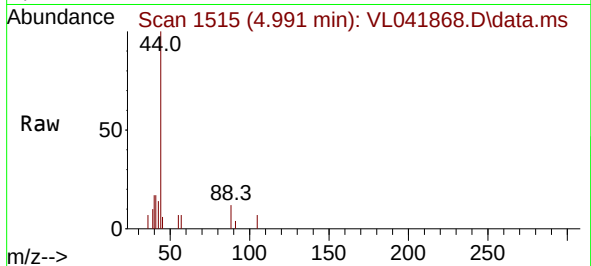




#40
1,4-Dioxane
Concen: 0.005 ppbv
RT: 4.991 min Scan# 11
Delta R.T. 0.375 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

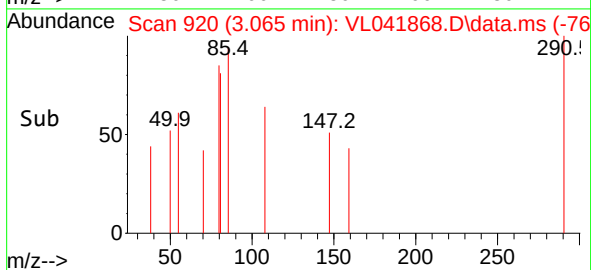
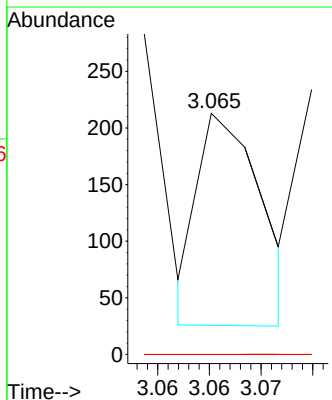
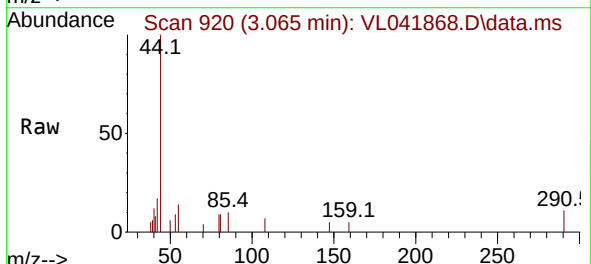
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL02

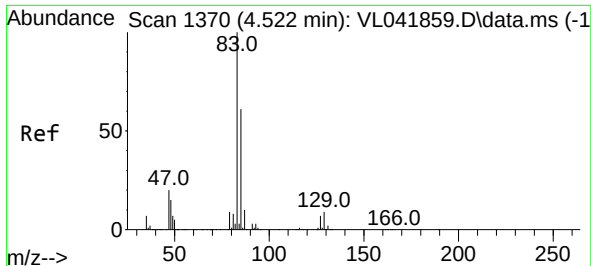
Tgt Ion: 88	Resp: 43
Ion Ratio	Lower Upper
88 100	
58 74.4	52.2 78.4
43 844.2	0.0 0.0#
57 488.4	0.0 0.0#



#41
Tetrahydrofuran
Concen: 0.004 ppbv
RT: 3.065 min Scan# 920
Delta R.T. -0.010 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Tgt Ion: 42	Resp: 80
Ion Ratio	Lower Upper
42 100	
72 0.0	30.8 46.2#
71 0.0	30.1 45.1#

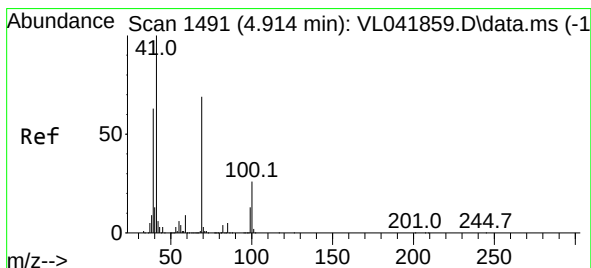
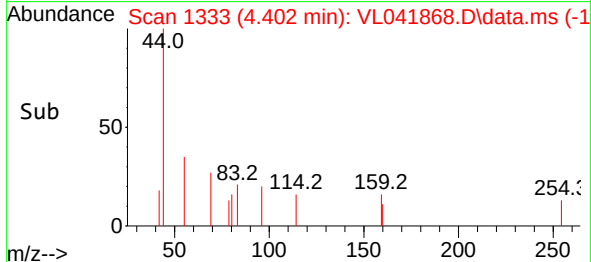
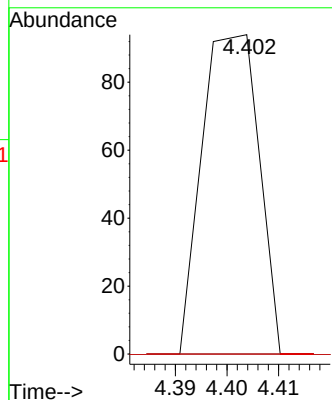
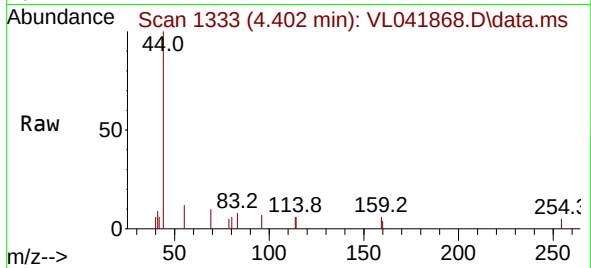




#42
Bromodichloromethane
Concen: 0.001 ppbv
RT: 4.402 min Scan# 11
Delta R.T. -0.120 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

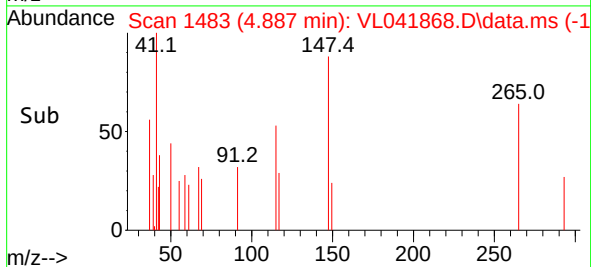
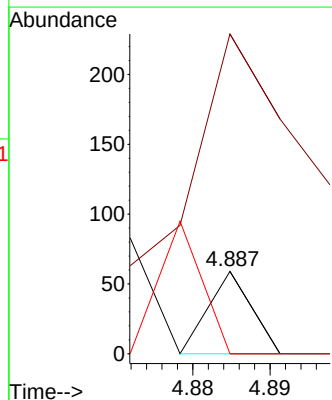
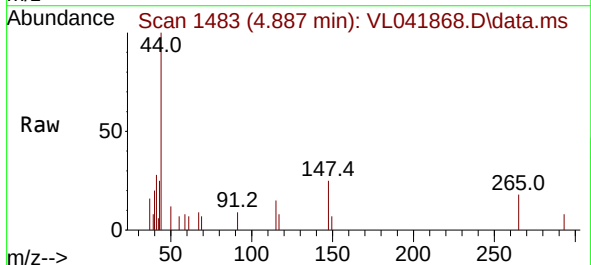
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL02

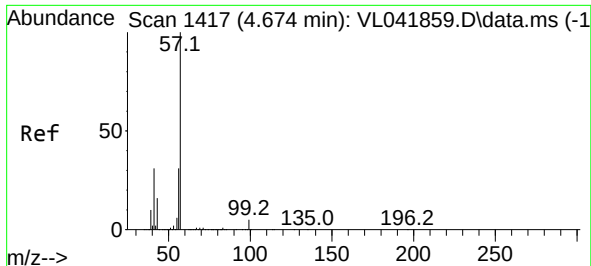
Tgt Ion: 83 Resp: 36
Ion Ratio Lower Upper
83 100
85 0.0 48.9 73.3#
127 0.0 5.4 8.2#



#43
Methyl Methacrylate
Concen: 0.001 ppbv
RT: 4.887 min Scan# 1483
Delta R.T. -0.026 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Tgt Ion: 69 Resp: 11
Ion Ratio Lower Upper
69 100
41 1681.8 116.2 174.4#
100 0.0 29.8 44.8#

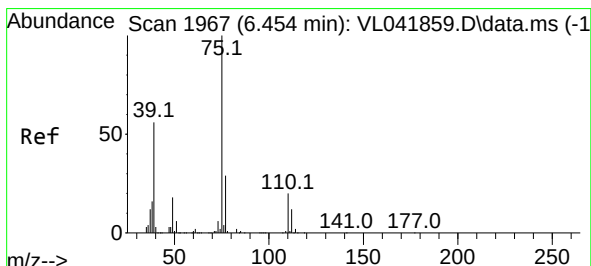
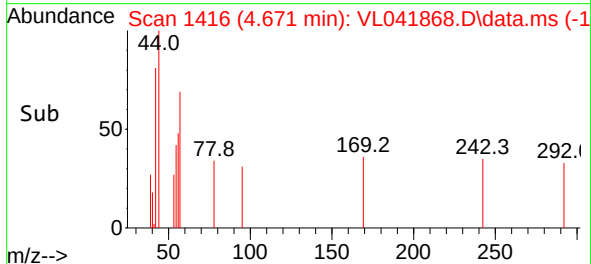
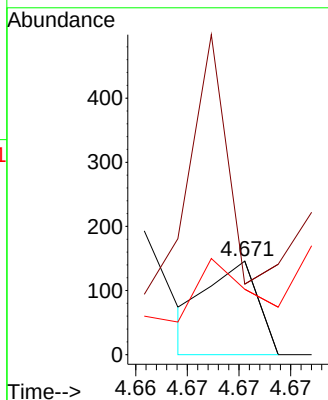
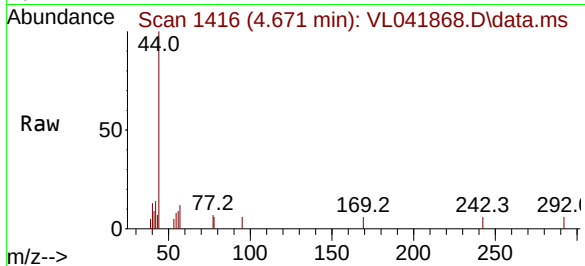




#44
2,2,4-Trimethylpentane
Concen: 0.001 ppbv
RT: 4.671 min Scan# 1417
Delta R.T. -0.003 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

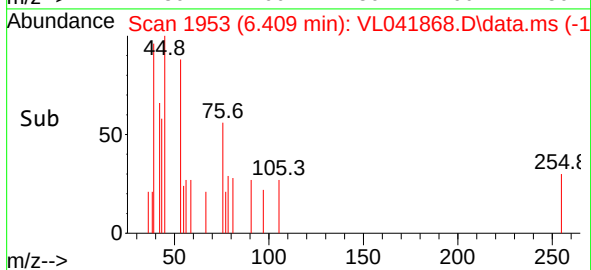
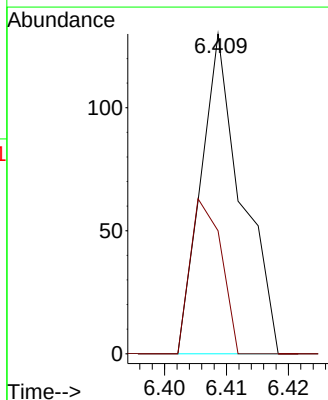
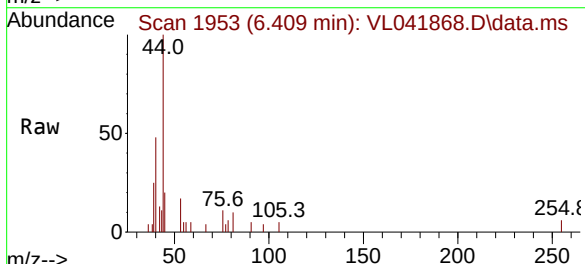
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL02

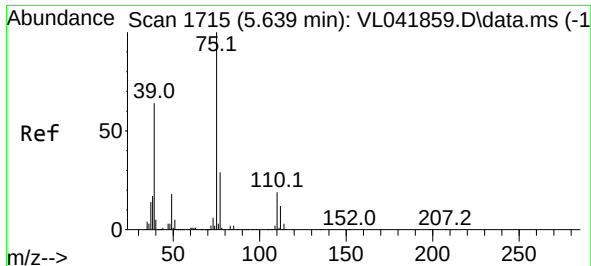
Tgt Ion: 57 Resp: 49
Ion Ratio Lower Upper
57 100
41 0.0 25.5 38.3#
56 351.0 25.6 38.4#



#45
t-1,3-Dichloropropene
Concen: 0.003 ppbv
RT: 6.409 min Scan# 1953
Delta R.T. -0.046 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Tgt Ion: 75 Resp: 59
Ion Ratio Lower Upper
75 100
77 38.5 23.4 35.2#

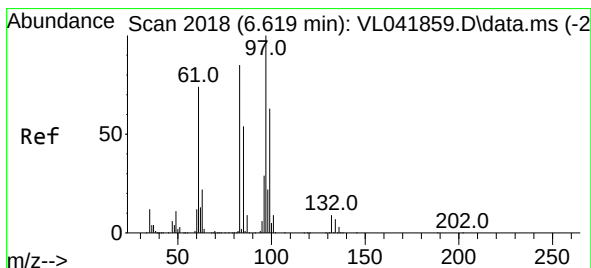
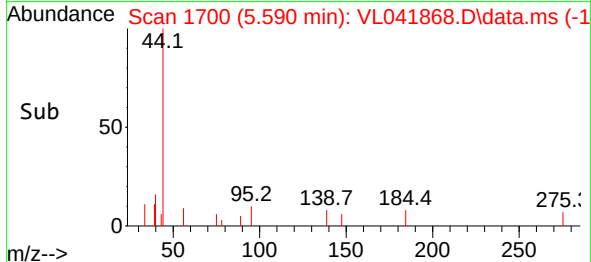
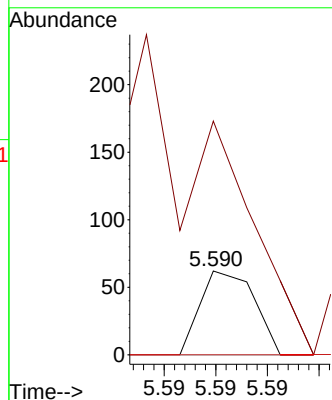
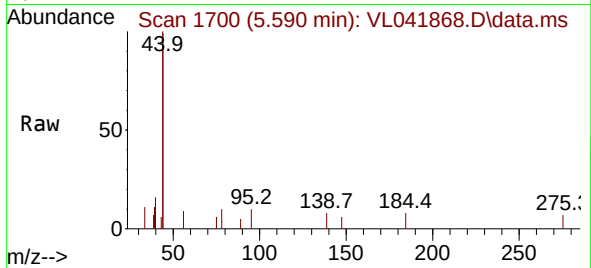




#46
 cis-1,3-Dichloropropene
 Concen: 0.001 ppbv
 RT: 5.590 min Scan# 11
 Delta R.T. -0.049 min
 Lab File: VL041868.D
 Acq: 09 Jan 2025 16:31

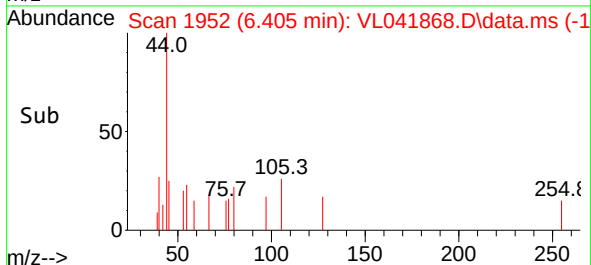
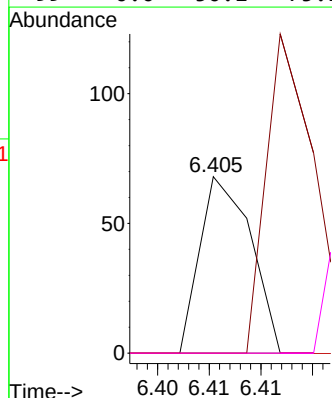
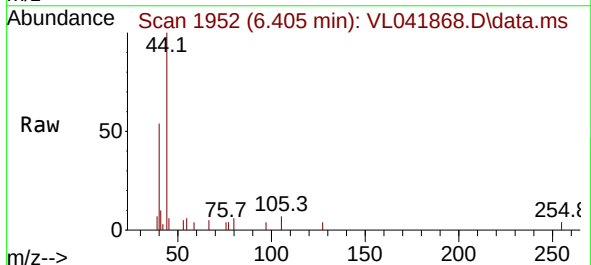
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABL02

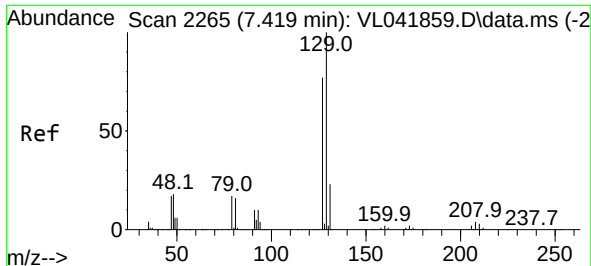
Tgt Ion: 75 Resp: 23
 Ion Ratio Lower Upper
 75 100
 39 190.3 51.4 77.2#
 77 0.0 23.0 34.4#



#47
 1,1,2-Trichloroethane
 Concen: 0.001 ppbv
 RT: 6.405 min Scan# 1952
 Delta R.T. -0.214 min
 Lab File: VL041868.D
 Acq: 09 Jan 2025 16:31

Tgt Ion: 97 Resp: 23
 Ion Ratio Lower Upper
 97 100
 83 0.0 68.1 102.1#
 85 0.0 43.4 65.2#
 99 0.0 50.1 75.1#

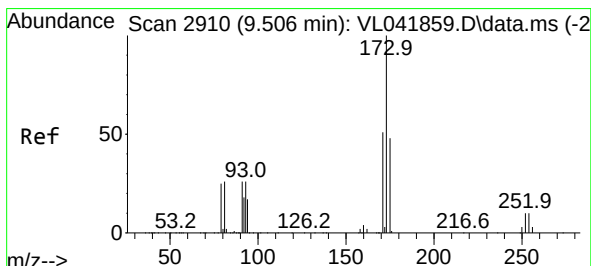
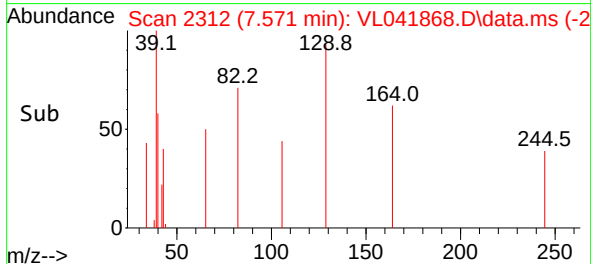
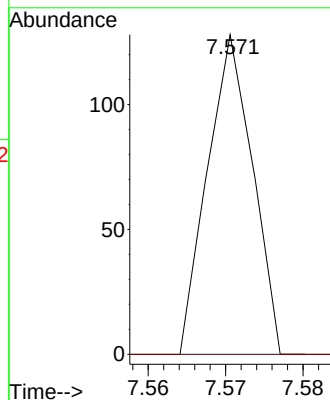
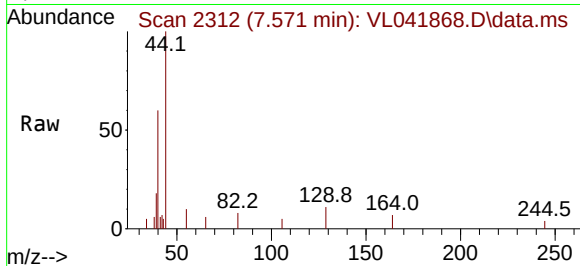




#48
Dibromochloromethane
Concen: 0.002 ppbv
RT: 7.571 min Scan# 211
Delta R.T. 0.152 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

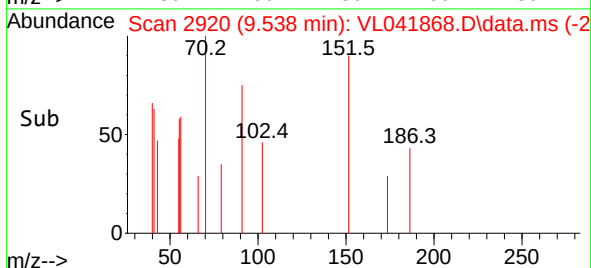
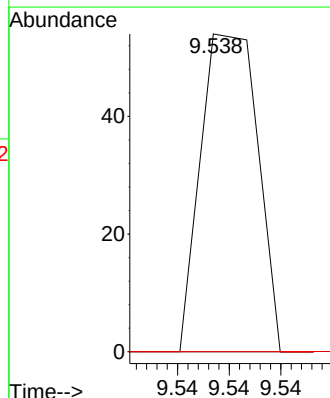
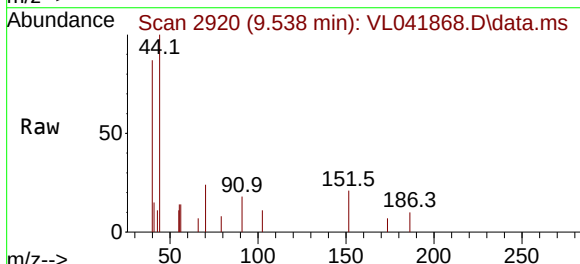
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL02

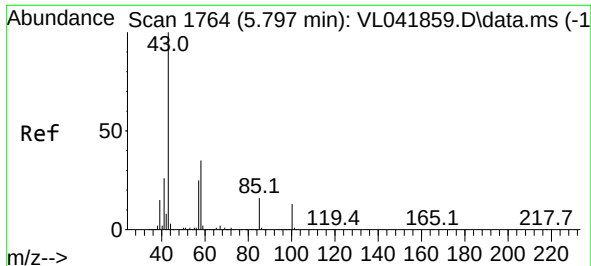
Tgt Ion:129 Resp: 52
Ion Ratio Lower Upper
129 100
127 0.0 39.4 118.1#



#49
Bromoform
Concen: 0.001 ppbv
RT: 9.538 min Scan# 2920
Delta R.T. 0.032 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Tgt Ion:173 Resp: 21
Ion Ratio Lower Upper
173 100
175 0.0 38.2 57.2#
171 0.0 41.3 61.9#





#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

RT: 5.790 min Scan# 1

Delta R.T. -0.007 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

Instrument :

MSVOA_L

ClientSampleId :

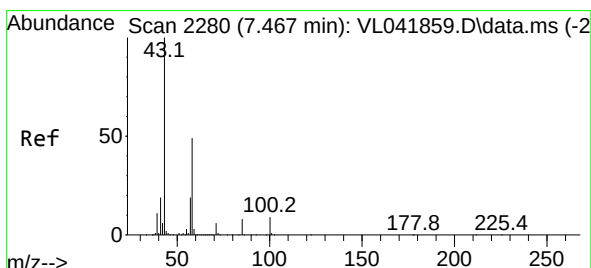
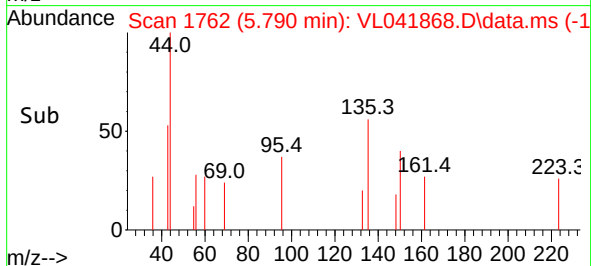
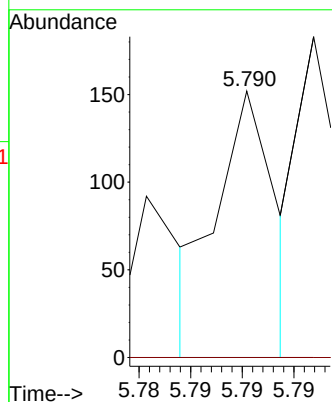
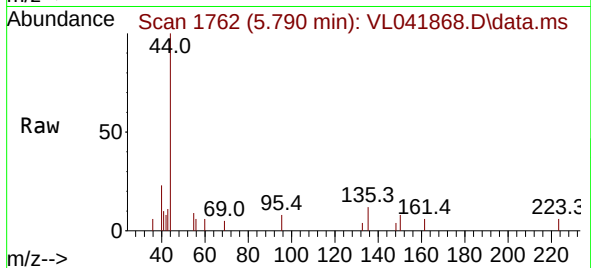
VL0109ABL02

Tgt Ion: 43 Resp: 59

Ion Ratio Lower Upper

43 100

58 0.0 29.4 44.2#



#51

2-Hexanone

Concen: 0.001 ppbv

RT: 7.457 min Scan# 2277

Delta R.T. -0.010 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

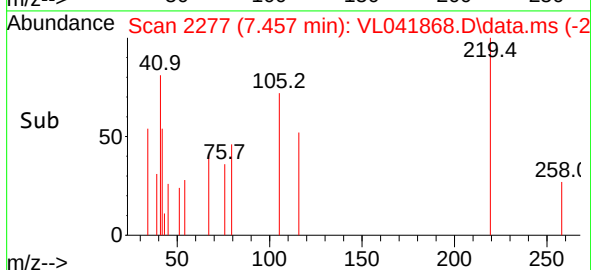
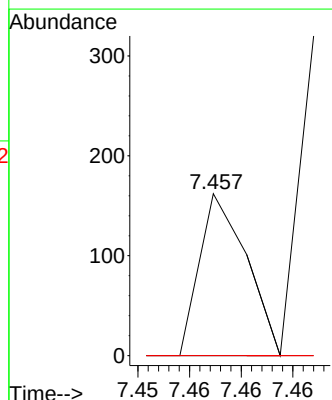
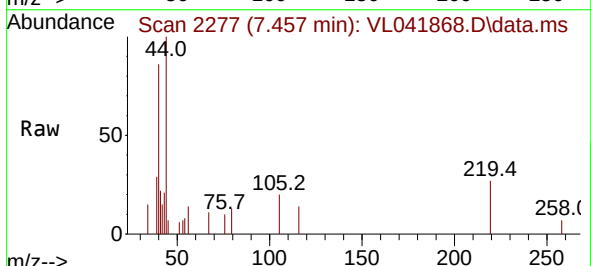
Tgt Ion: 43 Resp: 51

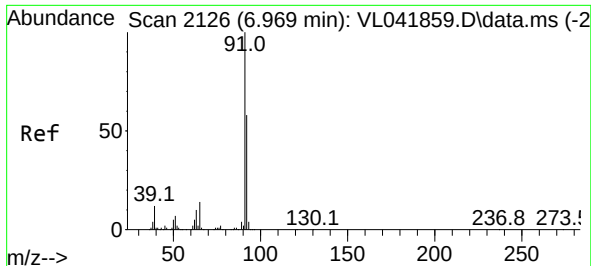
Ion Ratio Lower Upper

43 100

58 0.0 40.0 60.0#

98 0.0 0.1 0.1#

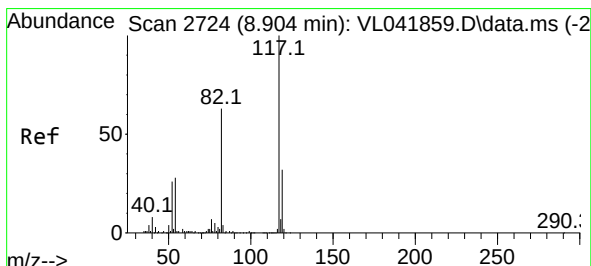
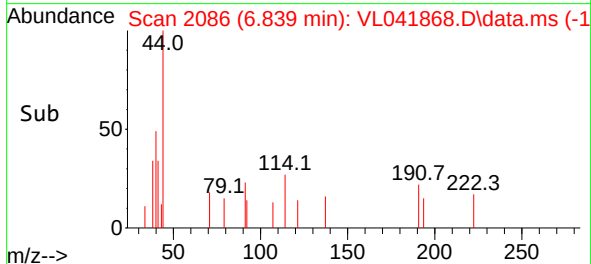
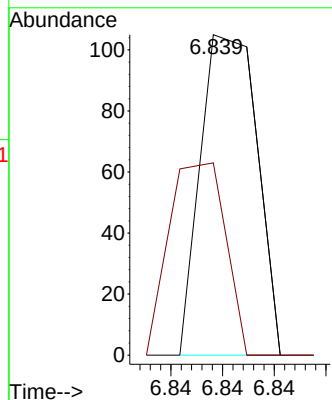
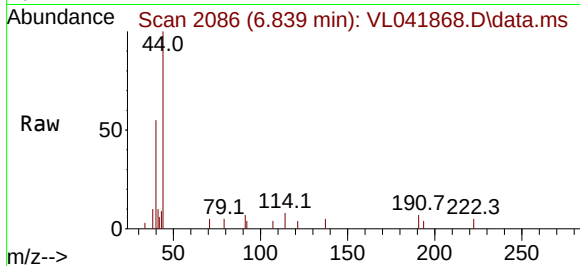




#53
Toluene
Concen: 0.001 ppbv
RT: 6.839 min Scan# 2086
Delta R.T. -0.130 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

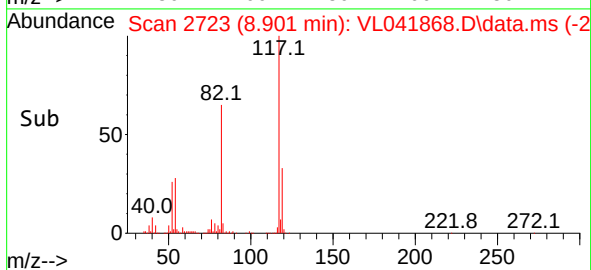
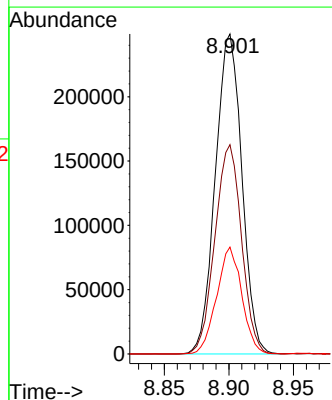
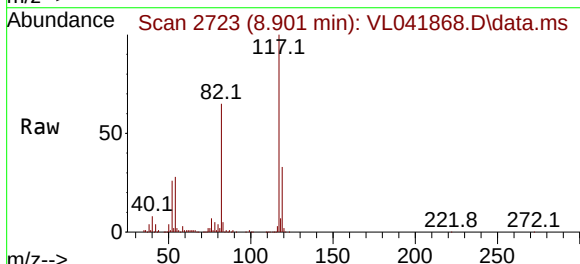
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL02

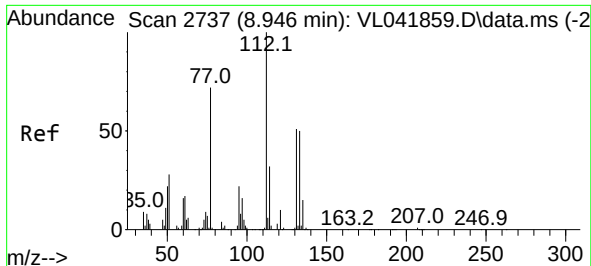
Tgt Ion: 91 Resp: 40
Ion Ratio Lower Upper
91 100
92 60.0 47.2 70.8



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 2723
Delta R.T. -0.003 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Tgt Ion: 117 Resp: 355796
Ion Ratio Lower Upper
117 100
82 65.5 54.5 81.7
119 31.7 24.6 37.0

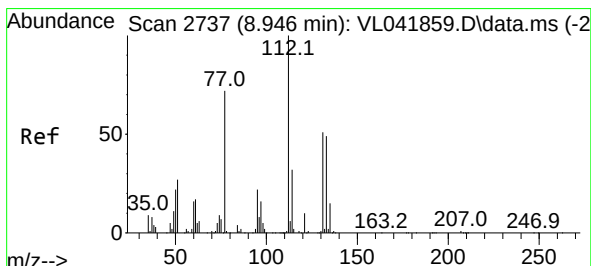
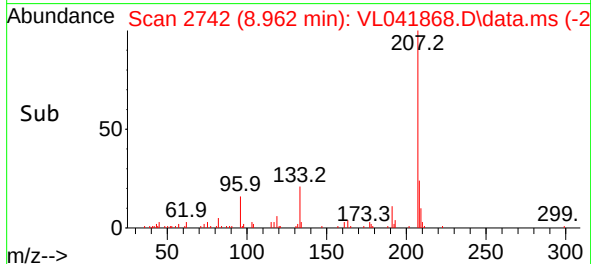
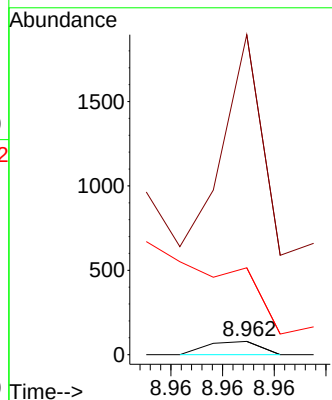
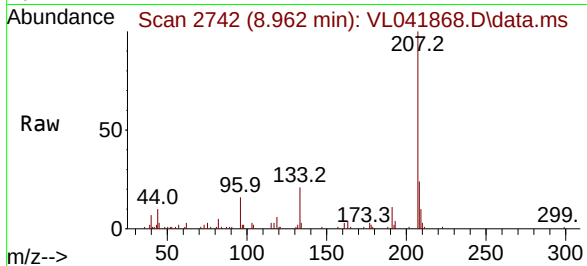




#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.001 ppbv
 RT: 8.962 min Scan# 21
 Delta R.T. 0.016 min
 Lab File: VL041868.D
 Acq: 09 Jan 2025 16:31

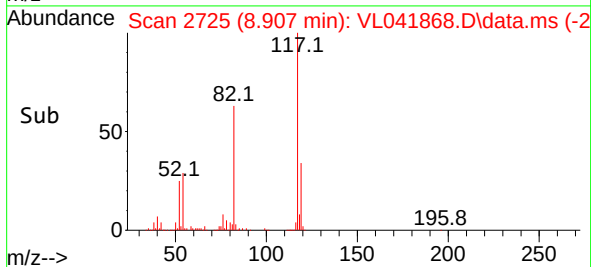
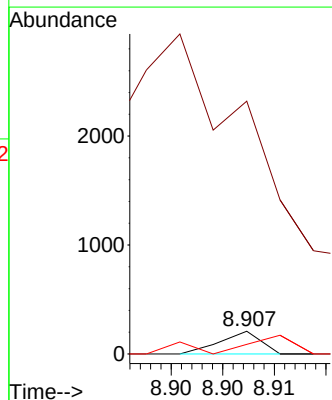
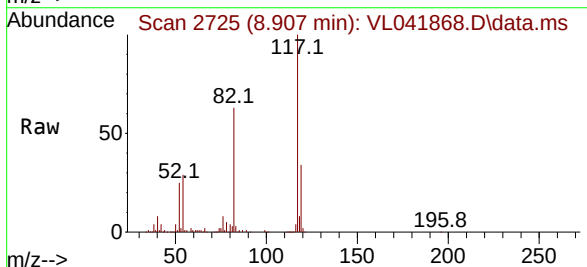
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABL02

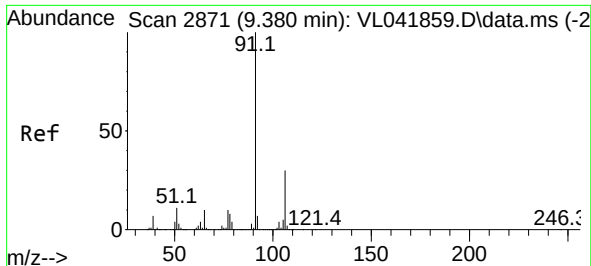
Tgt Ion:131 Resp: 28
 Ion Ratio Lower Upper
 131 100
 133 6592.9 77.4 116.2#
 119 403214.3 49.4 74.0#



#57
 Chlorobenzene
 Concen: 0.001 ppbv
 RT: 8.907 min Scan# 2725
 Delta R.T. -0.039 min
 Lab File: VL041868.D
 Acq: 09 Jan 2025 16:31

Tgt Ion:112 Resp: 57
 Ion Ratio Lower Upper
 112 100
 77 337.7 58.3 87.5#
 114 0.0 28.9 35.3#





#58

Ethyl Benzene

Concen: 0.002 ppbv

RT: 9.367 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

Instrument :

MSVOA_L

ClientSampleId :

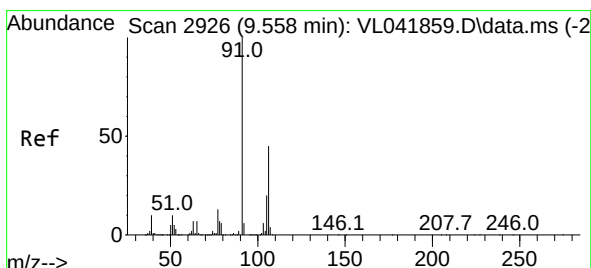
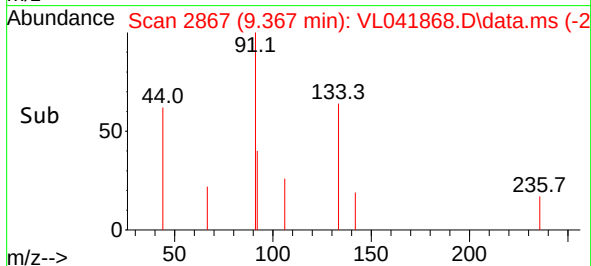
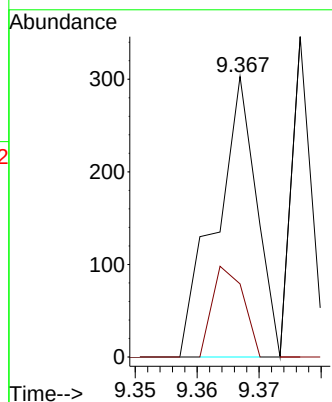
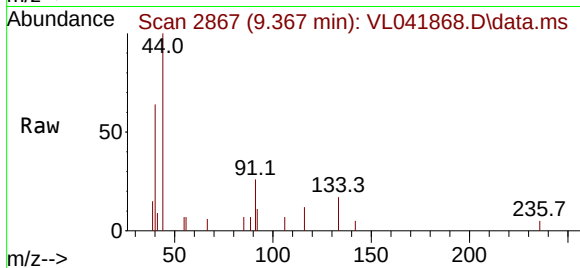
VL0109ABL02

Tgt Ion: 91 Resp: 138

Ion Ratio Lower Upper

91 100

106 26.1 24.2 36.2



#59

m/p-Xylene

Concen: 0.001 ppbv

RT: 9.564 min Scan# 2928

Delta R.T. 0.006 min

Lab File: VL041868.D

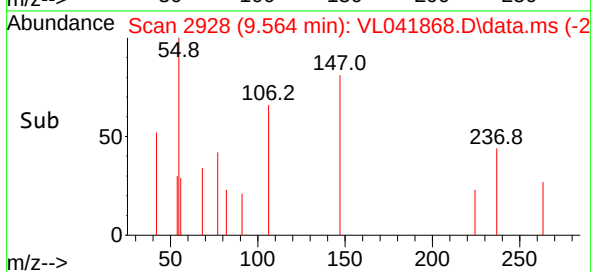
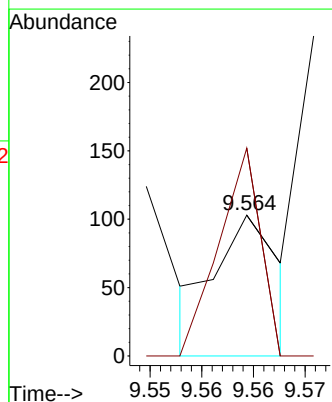
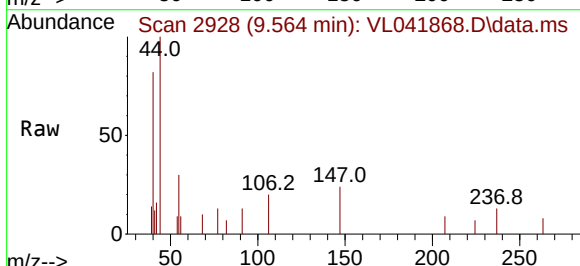
Acq: 09 Jan 2025 16:31

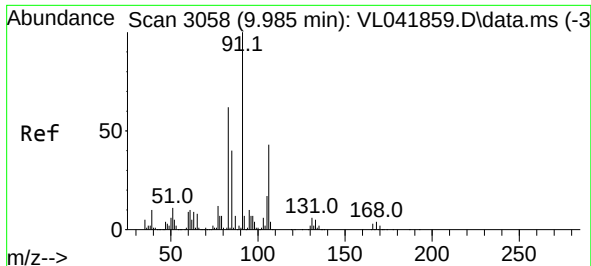
Tgt Ion: 91 Resp: 44

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0

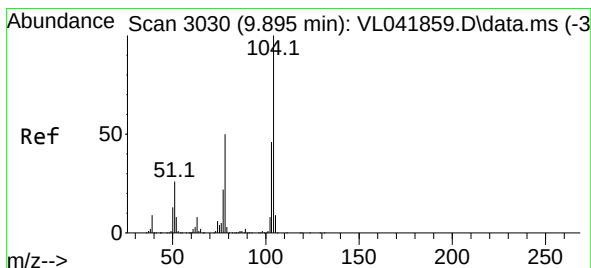
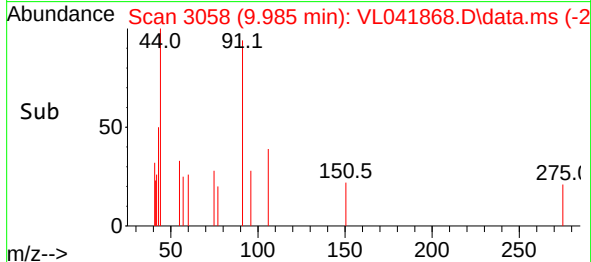
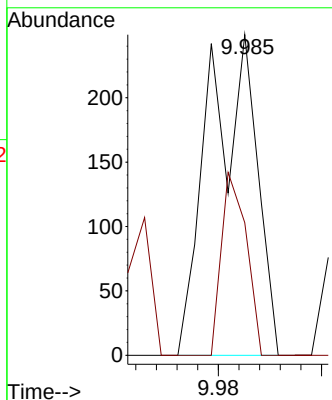
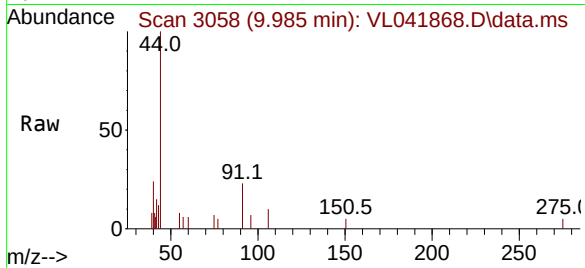




#60
o-Xylene
Concen: 0.003 ppbv
RT: 9.985 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

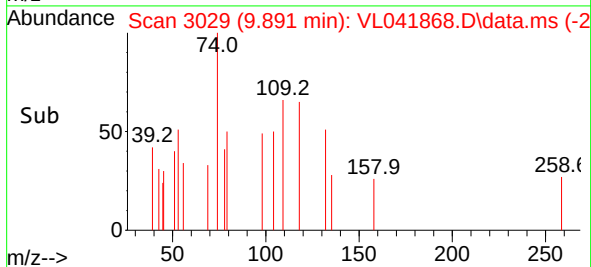
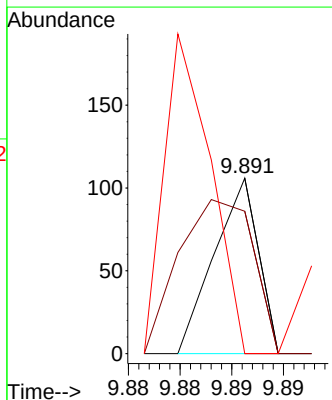
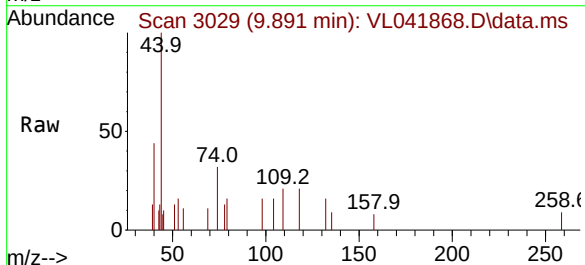
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL02

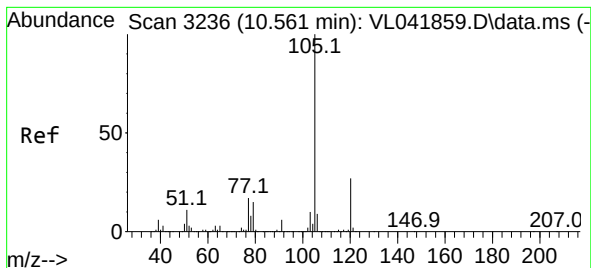
Tgt Ion: 91 Resp: 159
Ion Ratio Lower Upper
91 100
106 80.5 21.4 64.3#



#61
Styrene
Concen: 0.001 ppbv
RT: 9.891 min Scan# 3029
Delta R.T. -0.003 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Tgt Ion: 104 Resp: 31
Ion Ratio Lower Upper
104 100
78 280.6 40.7 61.1#
103 229.0 37.0 55.6#

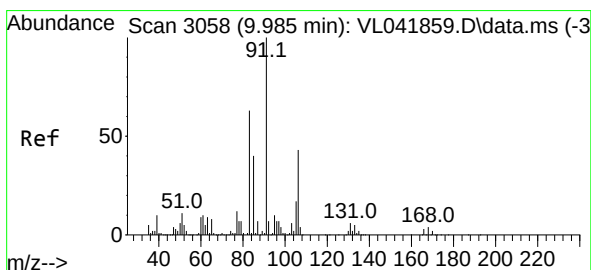
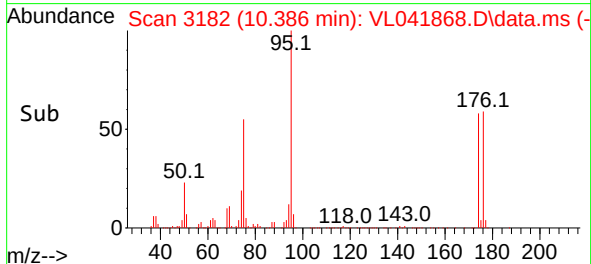
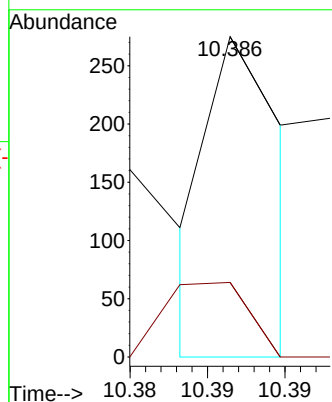
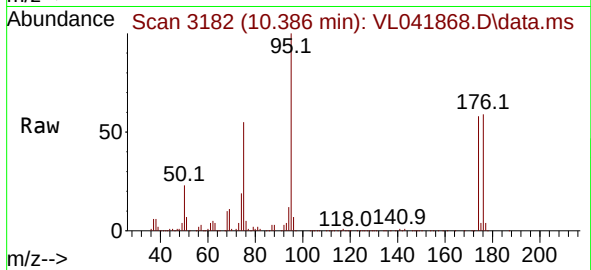




#62
Isopropylbenzene
Concen: 0.001 ppbv
RT: 10.386 min Scan# 3112
Delta R.T. -0.175 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

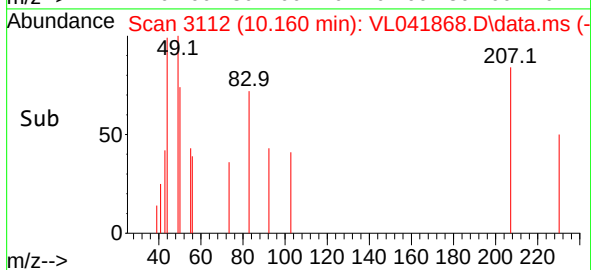
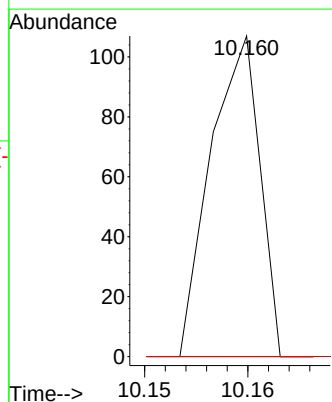
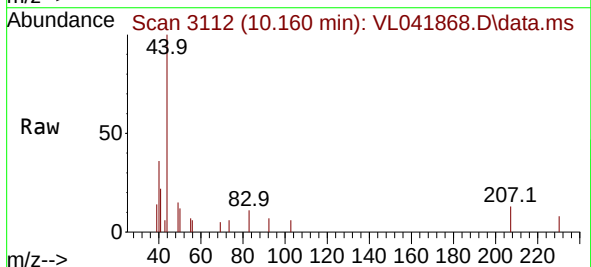
Instrument :
MSVOA_1
ClientSampleId :
VL0109ABL02

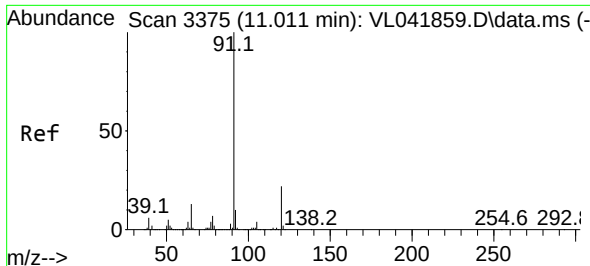
Tgt Ion:105 Resp: 92
Ion Ratio Lower Upper
105 100
120 26.1 20.3 30.5



#63
1,1,2,2-Tetrachloroethane
Concen: 0.001 ppbv
RT: 10.160 min Scan# 3112
Delta R.T. 0.175 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Tgt Ion: 83 Resp: 35
Ion Ratio Lower Upper
83 100
131 62.9 4.8 14.3#
85 102.9 32.1 96.3#

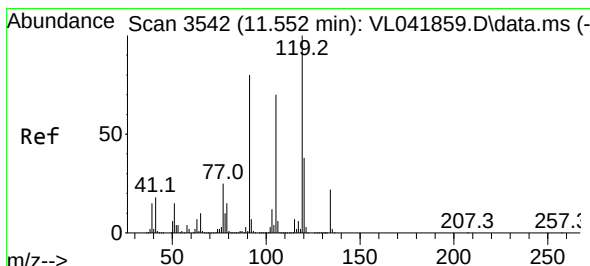
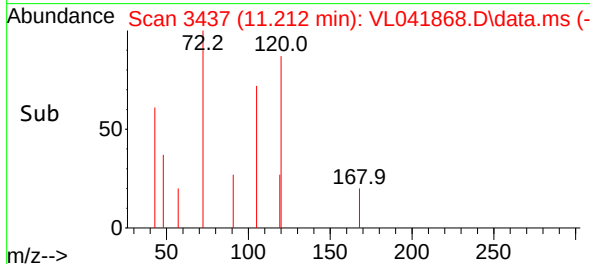
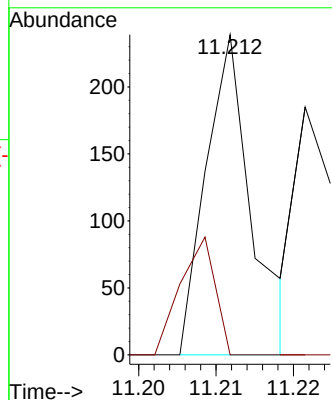
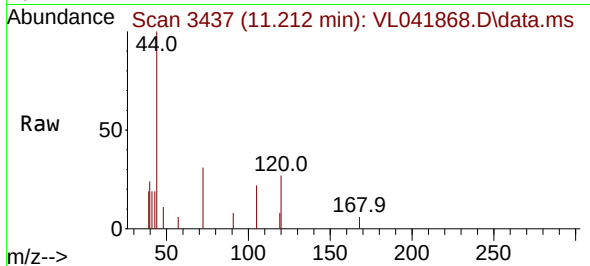




#64
n-propylbenzene
Concen: 0.004 ppbv
RT: 11.212 min Scan# 341
Delta R.T. 0.200 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

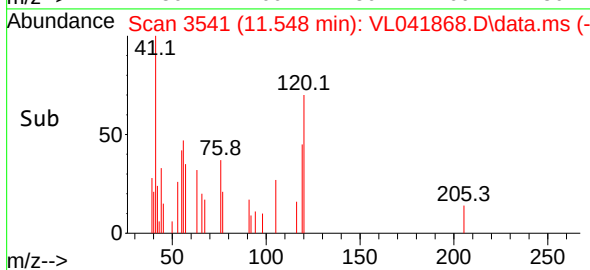
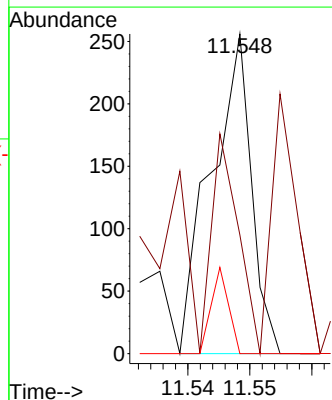
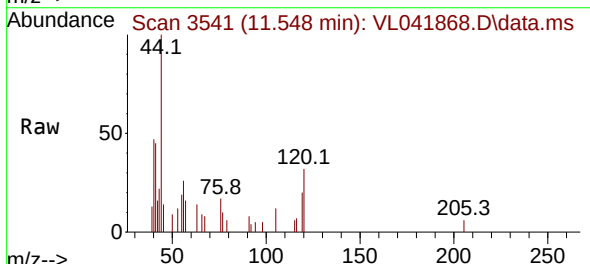
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL02

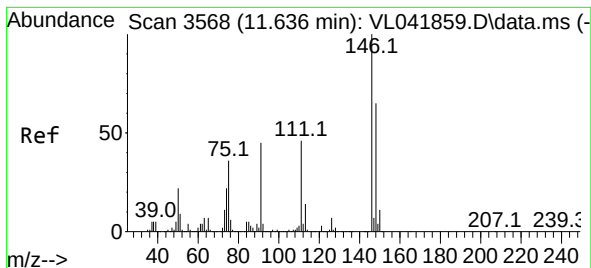
Tgt Ion:120 Resp: 98
Ion Ratio Lower Upper
120 100
91 27.6 376.9 565.3#



#65
tert-Butylbenzene
Concen: 0.001 ppbv
RT: 11.548 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Tgt Ion:119 Resp: 116
Ion Ratio Lower Upper
119 100
91 119.8 64.6 97.0#
134 0.0 16.9 25.3#

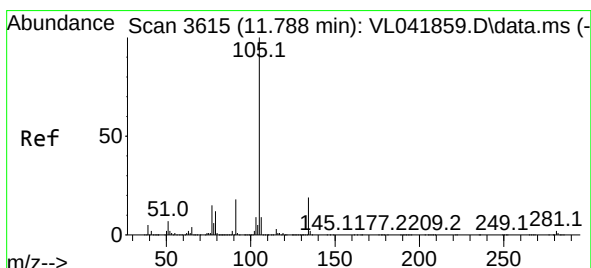
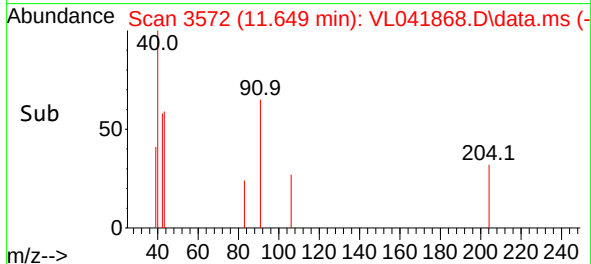
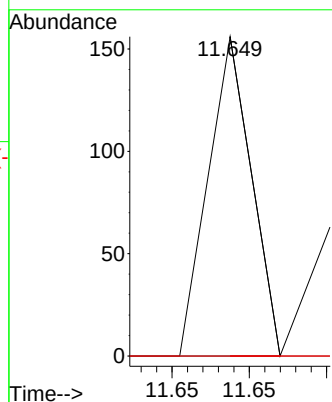
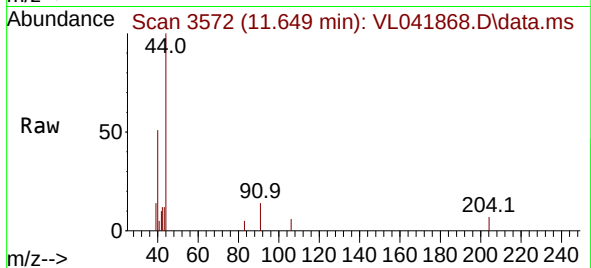




#66
Benzyl Chloride
Concen: 0.004 ppbv
RT: 11.649 min Scan# 3572
Delta R.T. 0.013 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

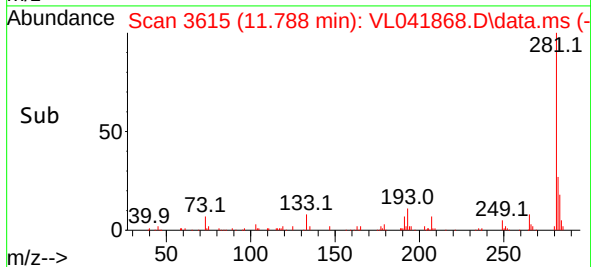
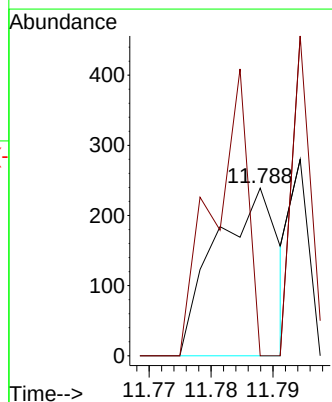
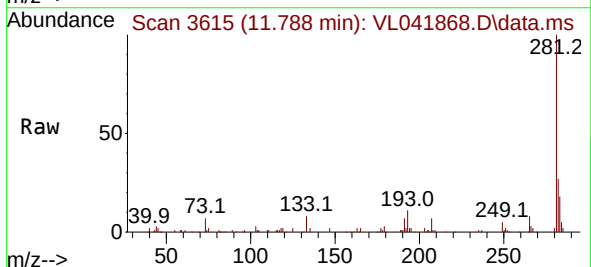
Instrument :
MSVOA_1
ClientSampleId :
VL0109ABL02

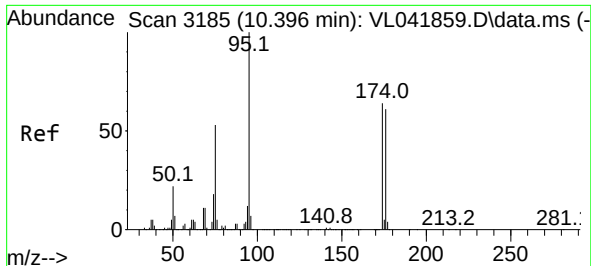
Tgt Ion: 91 Resp: 30
Ion Ratio Lower Upper
91 100
126 0.0 13.9 20.9#
128 0.0 4.8 7.2#



#67
sec-Butylbenzene
Concen: 0.002 ppbv
RT: 11.788 min Scan# 3615
Delta R.T. -0.000 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Tgt Ion: 105 Resp: 169
Ion Ratio Lower Upper
105 100
134 0.0 15.4 23.2#

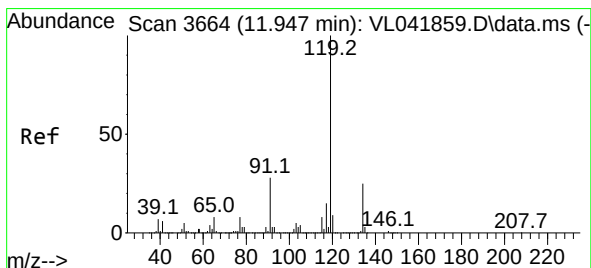
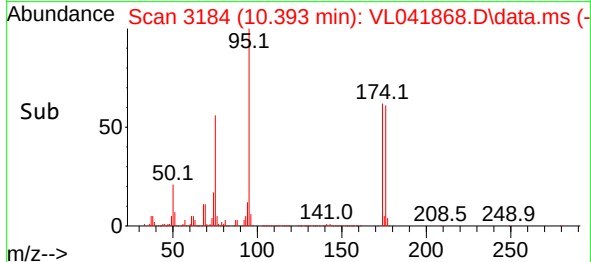
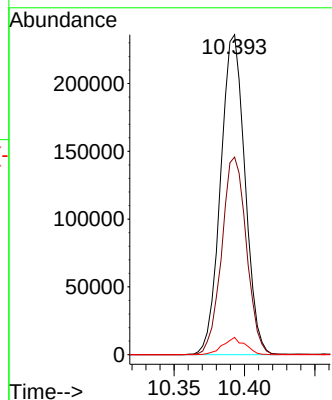
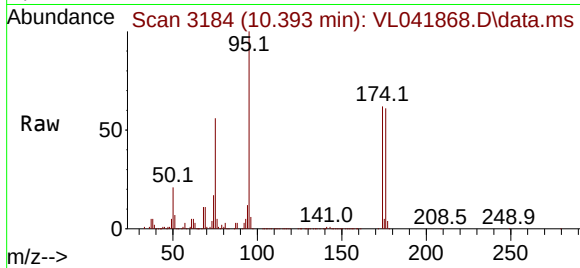




#68
1-Bromo-4-Fluorobenzene
Concen: 9.956 ppbv
RT: 10.393 min Scan# 3185
Delta R.T. -0.003 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

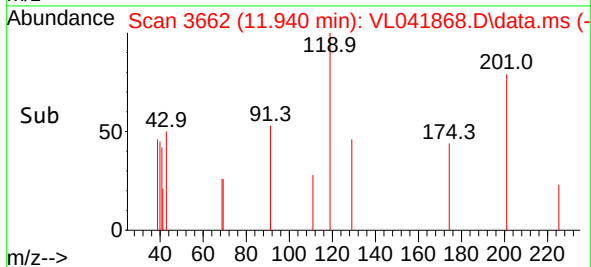
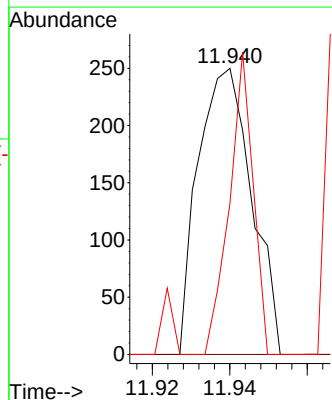
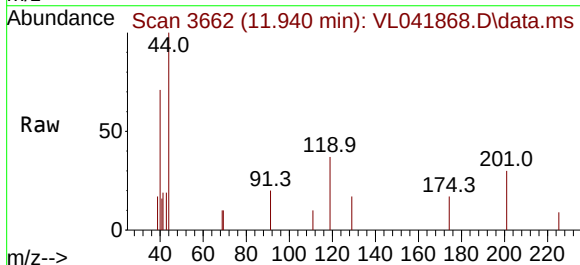
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL02

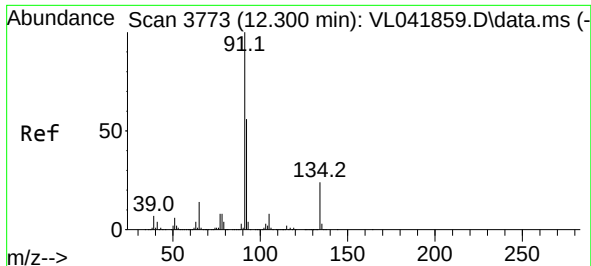
Tgt Ion: 95 Resp: 284047
Ion Ratio Lower Upper
95 100
174 62.8 51.1 76.7
175 4.9 3.8 5.8



#69
p-Isopropyltoluene
Concen: 0.003 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. -0.007 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Tgt Ion: 119 Resp: 240
Ion Ratio Lower Upper
119 100
134 0.0 20.3 30.5#
91 98.8 22.6 34.0#





#70

n-Butylbenzene

Concen: 0.002 ppbv

RT: 12.299 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

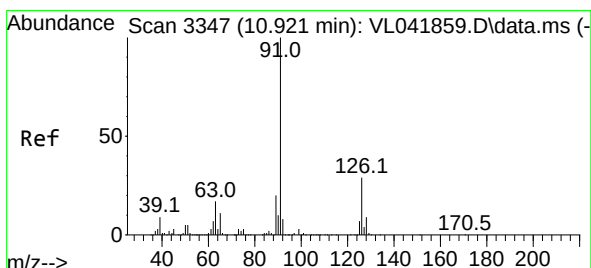
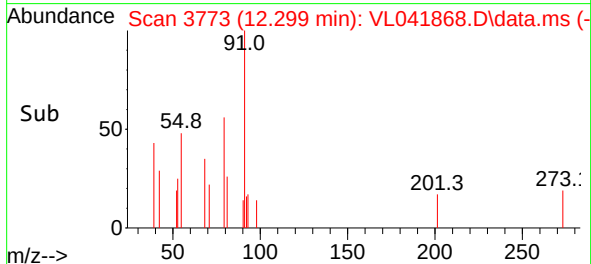
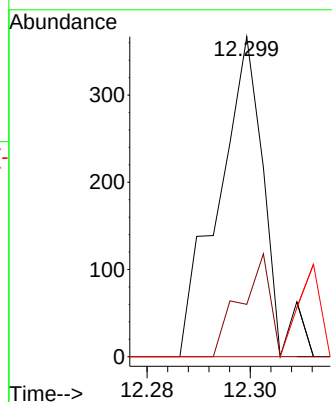
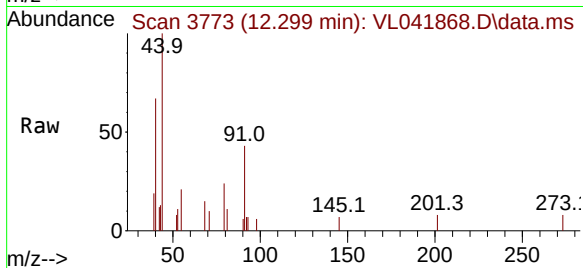
Instrument :

MSVOA_L

ClientSampleId :

VL0109ABL02

Tgt Ion:	91	Resp:	215
Ion	Ratio	Lower	Upper
91	100		
92	21.9	43.8	65.8#
134	0.0	19.3	28.9#



#71

2-Chlorotoluene

Concen: 0.001 ppbv

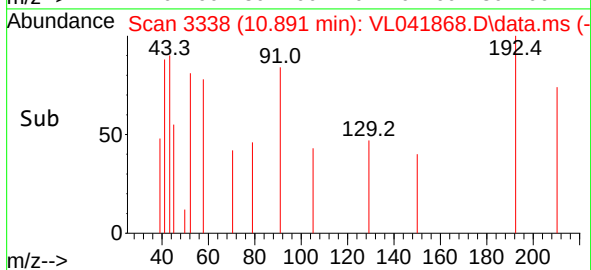
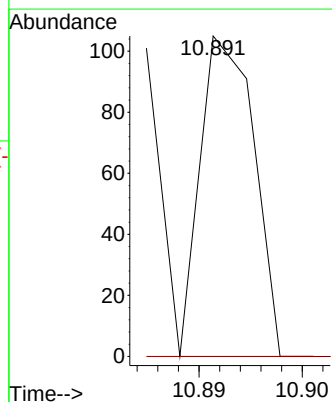
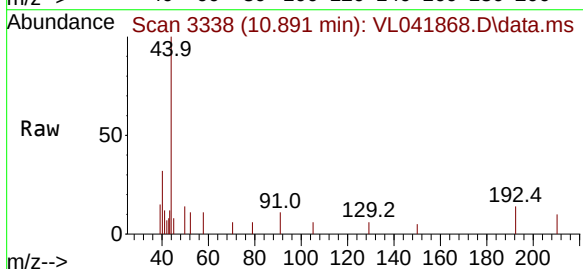
RT: 10.891 min Scan# 3338

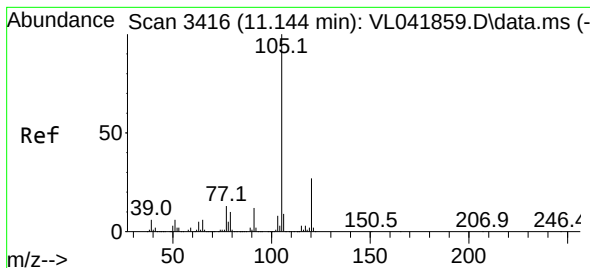
Delta R.T. -0.029 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

Tgt Ion:	91	Resp:	38
Ion	Ratio	Lower	Upper
91	100		
126	0.0	11.6	46.6#





#72

4-Ethyltoluene

Concen: 0.000 ppbv

RT: 11.141 min Scan# 3416

Delta R.T. -0.003 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABL02

Tgt Ion:105 Resp: 35

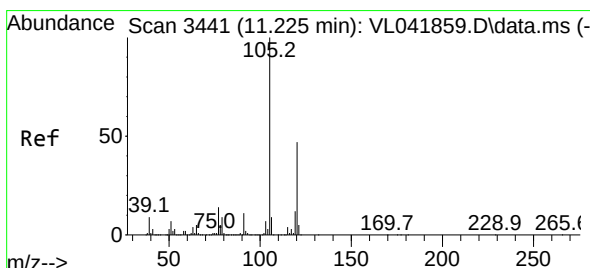
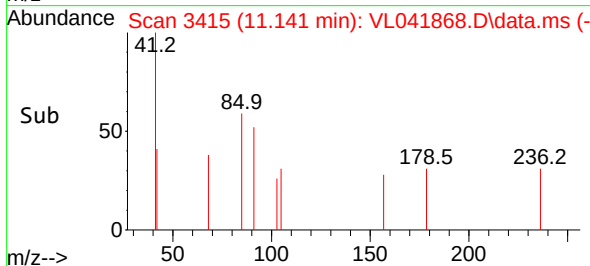
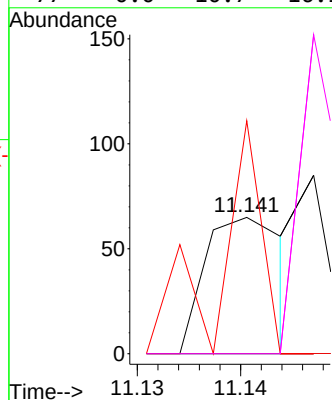
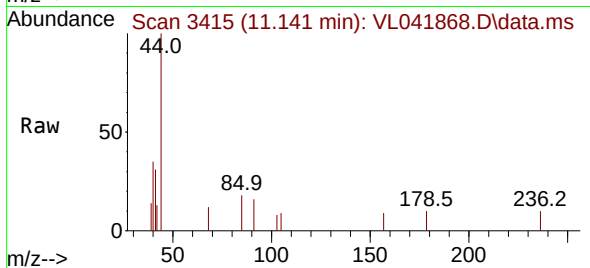
Ion Ratio Lower Upper

105 100

120 0.0 23.5 35.3#

91 91.4 9.8 14.8#

77 0.0 10.7 16.1#



#73

1,3,5-Trimethylbenzene

Concen: 0.001 ppbv

RT: 11.225 min Scan# 3441

Delta R.T. -0.000 min

Lab File: VL041868.D

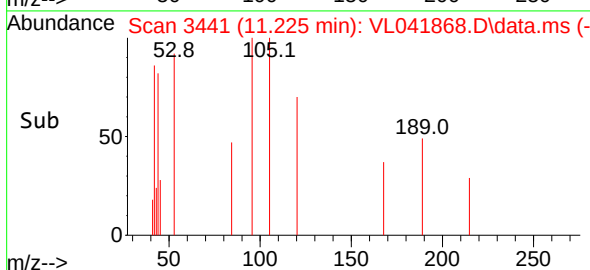
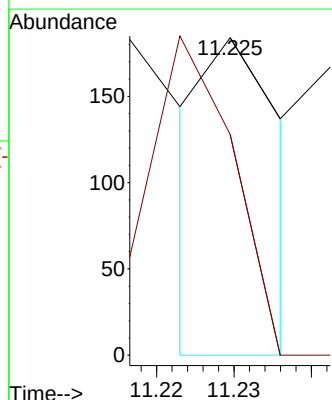
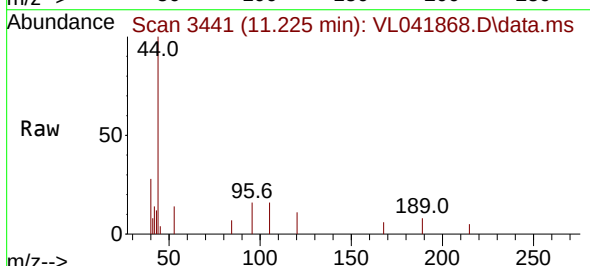
Acq: 09 Jan 2025 16:31

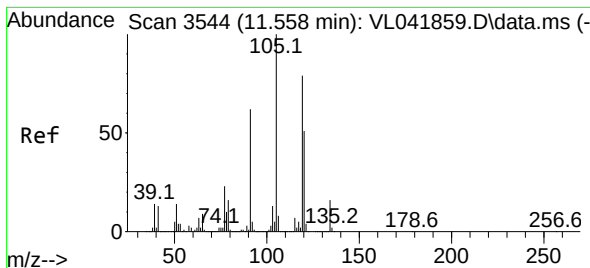
Tgt Ion:105 Resp: 62

Ion Ratio Lower Upper

105 100

120 272.3 37.2 55.8#





#74

1,2,4-Trimethylbenzene

Concen: 0.003 ppbv

RT: 11.552 min Scan# 3544

Delta R.T. -0.007 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

Instrument :

MSVOA_1

ClientSampleId :

VL0109ABL02

Tgt Ion:105 Resp: 187

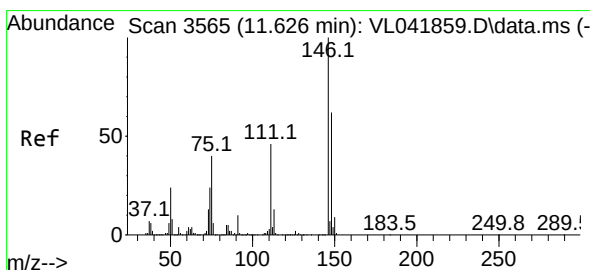
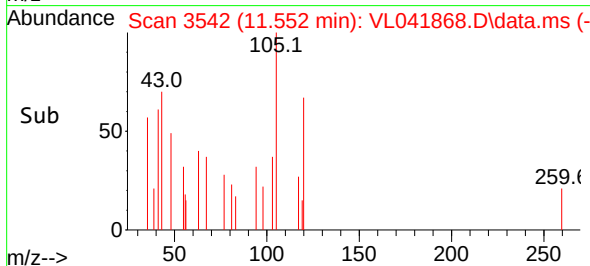
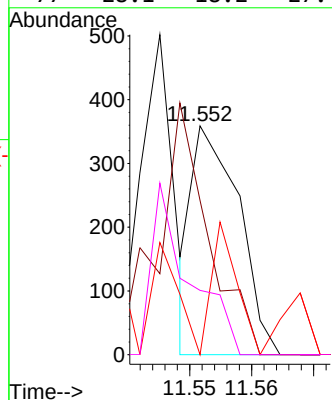
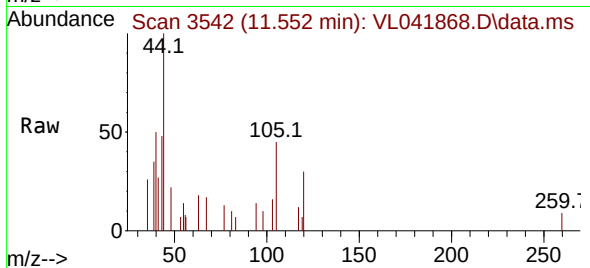
Ion Ratio Lower Upper

105 100

120 67.4 41.1 61.7#

91 0.0 50.0 75.0#

77 28.1 18.2 27.4#



#75

1,3-Dichlorobenzene

Concen: 0.002 ppbv

RT: 11.681 min Scan# 3582

Delta R.T. 0.055 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

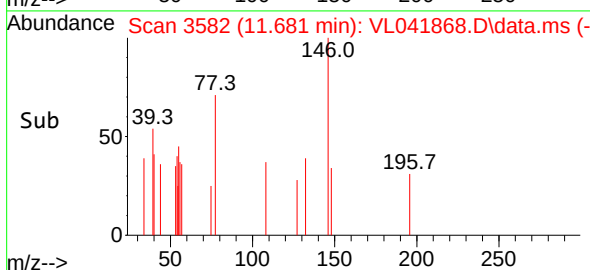
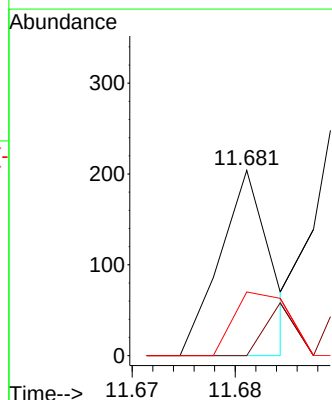
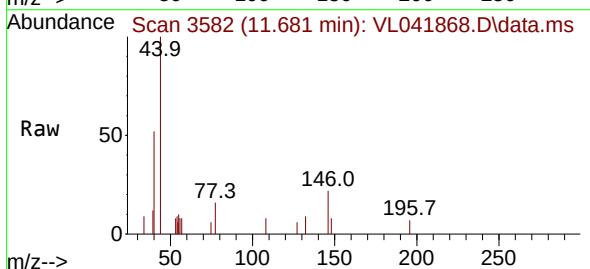
Tgt Ion:146 Resp: 70

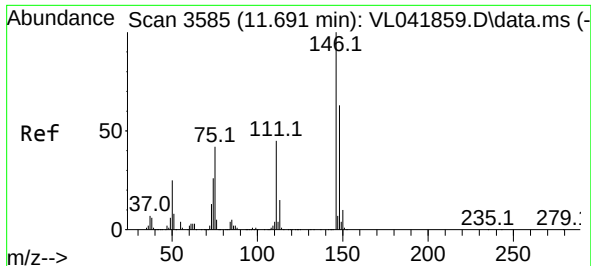
Ion Ratio Lower Upper

146 100

111 0.0 23.2 69.5#

148 37.1 31.6 94.7

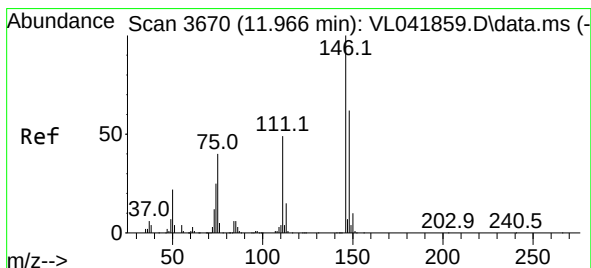
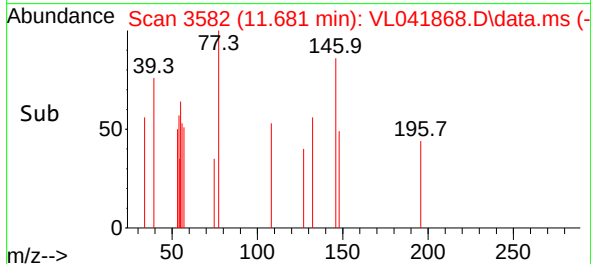
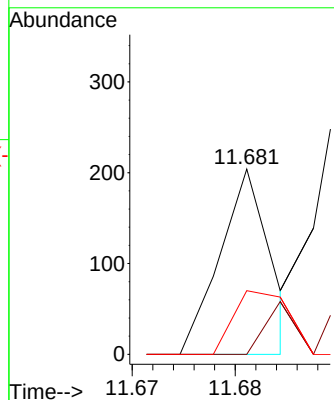
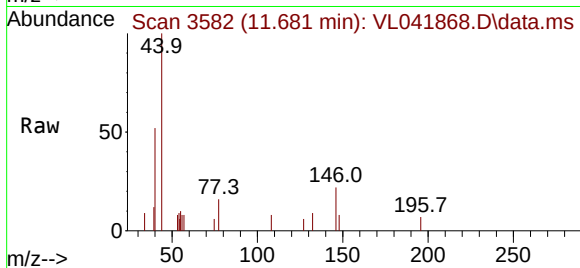




#76
1,4-Dichlorobenzene
Concen: 0.002 ppbv
RT: 11.681 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

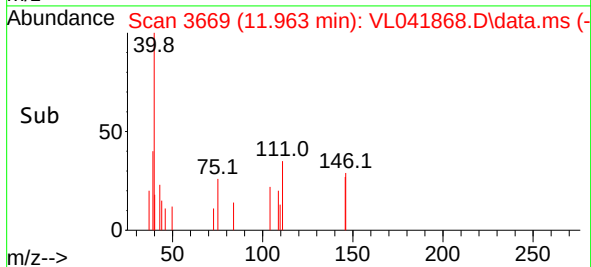
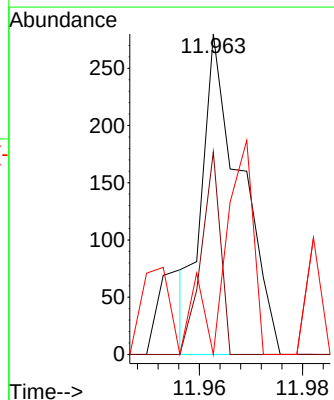
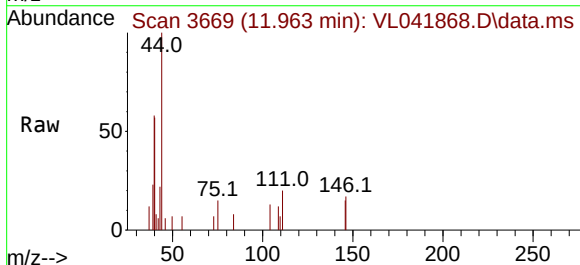
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL02

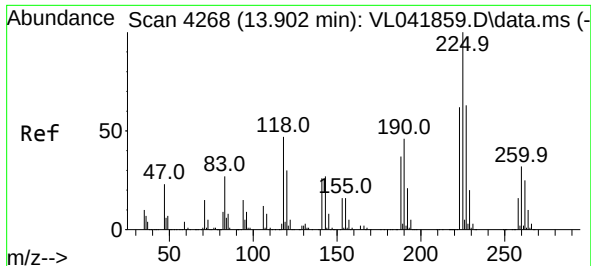
Tgt Ion:146 Resp: 70
Ion Ratio Lower Upper
146 100
111 0.0 22.1 66.1#
148 37.1 31.2 93.6



#77
1,2-Dichlorobenzene
Concen: 0.004 ppbv
RT: 11.963 min Scan# 3669
Delta R.T. -0.003 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

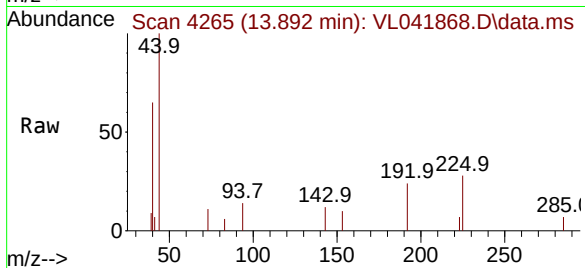
Tgt Ion:146 Resp: 146
Ion Ratio Lower Upper
146 100
111 41.1 24.1 72.3
148 84.9 31.5 94.5



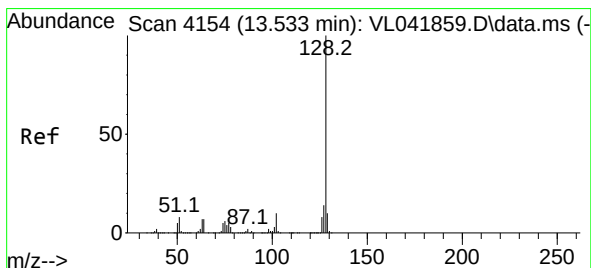
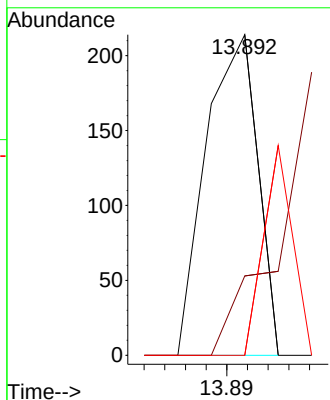
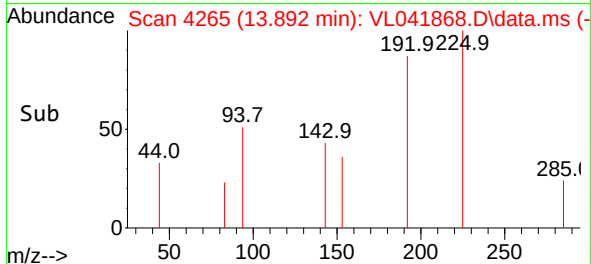


#78
Hexachloro-1,3-Butadiene
Concen: 0.002 ppbv
RT: 13.892 min Scan# 4152
Delta R.T. -0.010 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL02

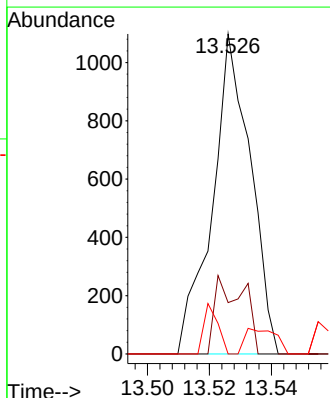
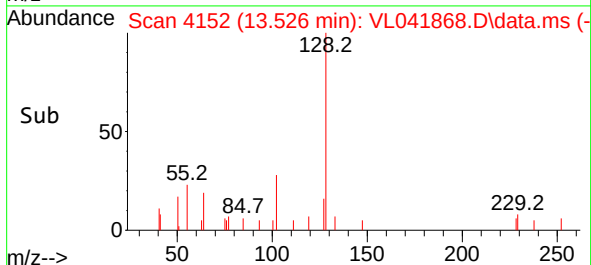
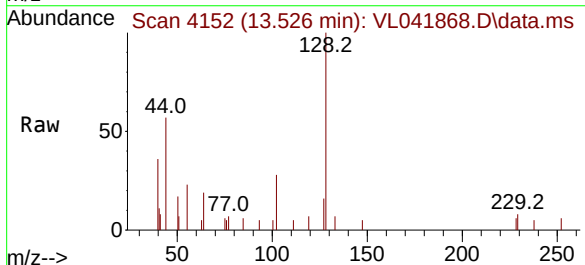


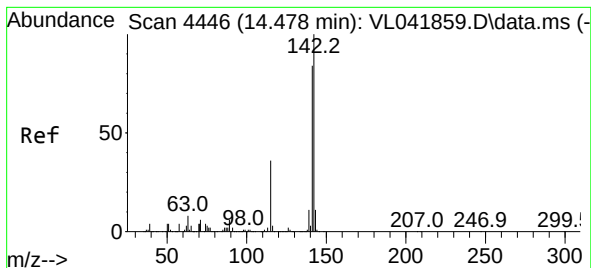
Tgt Ion:225 Resp: 74
Ion Ratio Lower Upper
225 100
223 155.4 50.6 75.8#
227 0.0 50.9 76.3#



#79
Naphthalene
Concen: 0.013 ppbv
RT: 13.526 min Scan# 4152
Delta R.T. -0.007 min
Lab File: VL041868.D
Acq: 09 Jan 2025 16:31

Tgt Ion:128 Resp: 940
Ion Ratio Lower Upper
128 100
127 16.0 10.8 16.2
129 0.0 8.2 12.4#





#80

Naphthalene, 2-methyl-

Concen: 0.015 ppbv

RT: 14.474 min Scan# 4446

Delta R.T. -0.003 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABL02

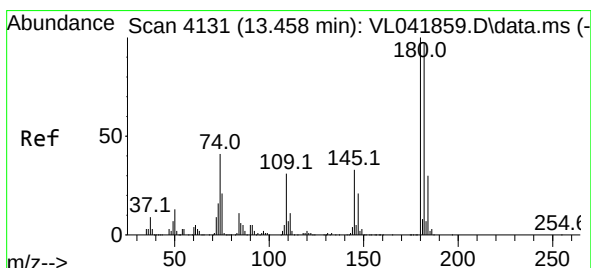
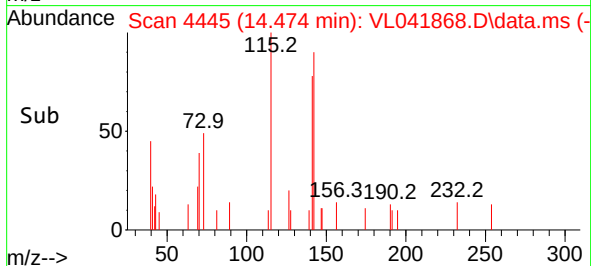
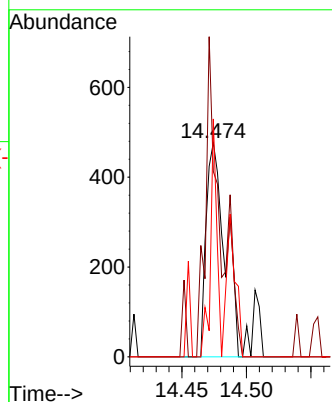
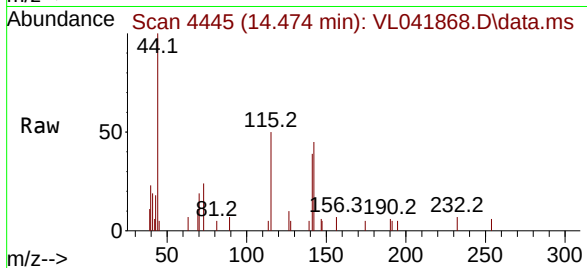
Tgt Ion:142 Resp: 550

Ion Ratio Lower Upper

142 100

141 108.2 68.2 102.4#

115 68.9 29.4 44.2#



#81

1,2,4-Trichlorobenzene

Concen: 0.011 ppbv

RT: 13.458 min Scan# 4131

Delta R.T. -0.000 min

Lab File: VL041868.D

Acq: 09 Jan 2025 16:31

Tgt Ion:180 Resp: 383

Ion Ratio Lower Upper

180 100

182 162.9 75.8 113.8#

184 15.1 24.1 36.1#

