

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
 Data File : VL042517.D
 Acq On : 07 May 2025 14:29
 Operator : SY/MD
 Sample : MDL3 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.03

Quant Time: May 08 01:36:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	71256	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	181390	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	165012	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	140644	9.193	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	393	0.033	ppbv #	50
3) Chlorodifluoromethane	1.476	51	358	0.029	ppbv #	45
4) Chloromethane	1.534	50	462	0.094	ppbv #	76
5) Vinyl Chloride	1.573	62	15	0.003	ppbv #	1
6) Bromomethane	1.667	94	145	0.062	ppbv #	63
7) Chloroethane	1.699	64	164	0.090	ppbv #	87
8) Dichlorotetrafluoroethane	1.554	85	395	0.041	ppbv #	74
9) Propene	1.774	41	379	0.093	ppbv	99
10) Heptane	4.988	43	56	0.005	ppbv #	26
11) Trichlorofluoromethane	1.877	101	504	0.046	ppbv #	70
12) 1,1,2-Trichlorotrifluo...	2.140	101	429	0.049	ppbv #	77
13) Ethanol	1.716	45	97	0.117	ppbv #	27
14) Bromoethene	1.784	108	144	0.045	ppbv #	38
15) Acetone	1.835	43	1541	0.118	ppbv #	80
16) 1,3-Butadiene	1.609	39	437	0.076	ppbv #	77
17) tert-Butyl alcohol	2.046	59	461	0.040	ppbv	97
18) 1,1-Dichloroethene	2.033	96	56	0.014	ppbv #	37
19) Isopropyl Alcohol	1.894	45	693	0.096	ppbv #	96
20) Methylene Chloride	2.065	84	937	0.240	ppbv #	86
21) Allyl Chloride	2.094	41	678	0.081	ppbv #	76
22) trans-1,2-Dichloroethene	2.347	96	190	0.040	ppbv #	50
23) Vinyl Acetate	2.466	43	841	0.068	ppbv #	70
24) 1,1-Dichloroethane	2.411	63	190	0.020	ppbv #	90
25) Ethyl Acetate	2.839	43	378	0.018	ppbv #	75
26) Hexane	2.835	57	58	0.006	ppbv #	1
27) Carbon Disulfide	2.149	76	609	0.058	ppbv #	1
28) Methyl tert-Butyl Ether	2.441	73	67	0.012	ppbv #	50
29) Chloroform	2.848	83	395	0.023	ppbv	84
30) Cyclohexane	3.849	84	53	0.007	ppbv #	1
31) cis-1,2-Dichloroethene	2.729	61	137	0.013	ppbv #	51
32) 1,1,1-Trichloroethane	3.373	97	355	0.019	ppbv #	1
34) 2-Butanone	2.560	43	355	0.027	ppbv #	55
35) Carbon Tetrachloride	3.768	117	434	0.026	ppbv #	40
36) Benzene	3.661	78	489	0.029	ppbv #	62
37) 1,2-Dichloroethane	3.224	62	287	0.022	ppbv #	84
38) Trichloroethene	4.551	130	162	0.025	ppbv #	32
39) 1,2-Dichloropropane	3.965	63	54306	8.475	ppbv #	20
40) 1,4-Dioxane	4.619	88	36	0.012	ppbv #	100
41) Tetrahydrofuran	3.081	42	101	0.016	ppbv #	60
42) Bromodichloromethane	4.499	83	177	0.011	ppbv #	92
43) Methyl Methacrylate	4.897	69	86	0.013	ppbv #	67
44) 2,2,4-Trimethylpentane	4.651	57	373	0.013	ppbv #	10
45) t-1,3-Dichloropropene	6.435	75	122	0.015	ppbv #	42

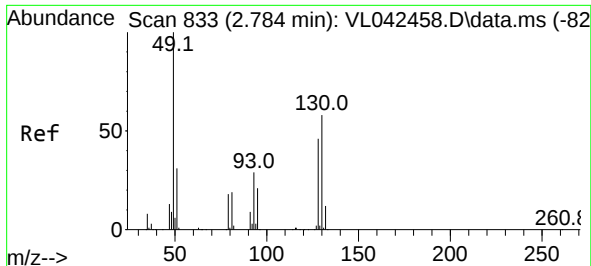
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
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Instrument :
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 ClientSampleId :
 MDL3 0.03

Quant Time: May 08 01:36:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.622	75	57	0.006	ppbv #	24
47) 1,1,2-Trichloroethane	6.600	97	64	0.009	ppbv #	55
48) Dibromochloromethane	7.380	129	100	0.008	ppbv	62
49) Bromoform	9.506	173	109	0.011	ppbv #	15
50) 4-Methyl-2-Pentanone	5.771	43	33	0.002	ppbv #	9
51) 2-Hexanone	7.451	43	37	0.003	ppbv #	31
52) Tetrachloroethene	8.221	164	120	0.018	ppbv #	1
53) Toluene	6.956	91	81	0.004	ppbv	91
54) 1,2-Dibromoethane	7.674	107	120	0.011	ppbv	95
56) 1,1,1,2-Tetrachloroethane	8.940	131	44	0.005	ppbv #	1
57) Chlorobenzene	8.937	112	267	0.016	ppbv #	35
58) Ethyl Benzene	9.558	91	411	0.015	ppbv	90
59) m/p-Xylene	9.542	91	445	0.019	ppbv #	33
60) o-Xylene	9.966	91	343	0.015	ppbv	87
61) Styrene	9.869	104	31	0.004	ppbv #	1
62) Isopropylbenzene	10.390	105	113	0.003	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.975	83	411	0.026	ppbv #	96
64) n-propylbenzene	10.992	120	137	0.017	ppbv	94
65) tert-Butylbenzene	11.542	119	245	0.008	ppbv #	1
66) Benzyl Chloride	11.626	91	88	0.026	ppbv #	43
67) sec-Butylbenzene	11.882	105	184	0.004	ppbv	93
69) p-Isopropyltoluene	11.934	119	378	0.011	ppbv #	40
70) n-Butylbenzene	12.286	91	699	0.019	ppbv #	59
71) 2-Chlorotoluene	10.911	91	139	0.005	ppbv	76
72) 4-Ethyltoluene	11.134	105	382	0.014	ppbv #	74
73) 1,3,5-Trimethylbenzene	11.215	105	48	0.002	ppbv #	77
74) 1,2,4-Trimethylbenzene	11.548	105	374	0.013	ppbv #	38
75) 1,3-Dichlorobenzene	11.616	146	232	0.014	ppbv #	45
76) 1,4-Dichlorobenzene	11.678	146	129	0.008	ppbv #	60
77) 1,2-Dichlorobenzene	11.956	146	342	0.022	ppbv #	71
78) Hexachloro-1,3-Butadiene	13.882	225	270	0.017	ppbv #	15
79) Naphthalene	13.536	128	59	0.002	ppbv #	1
80) Naphthalene,2-methyl-	14.500	142	46	0.003	ppbv #	34
81) 1,2,4-Trichlorobenzene	13.452	180	36	0.003	ppbv #	1

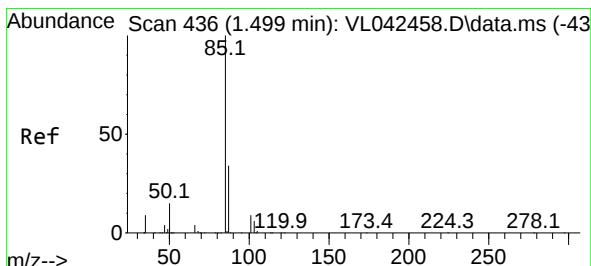
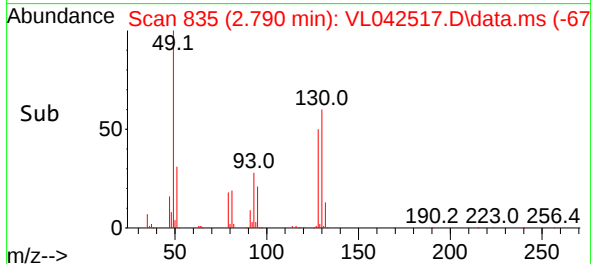
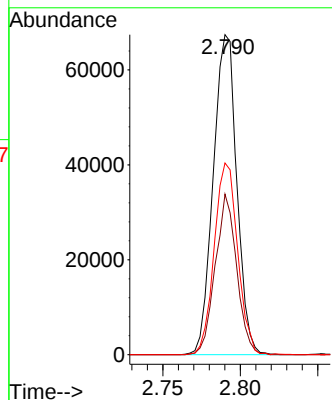
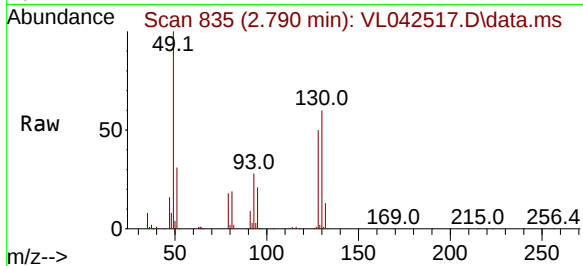
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

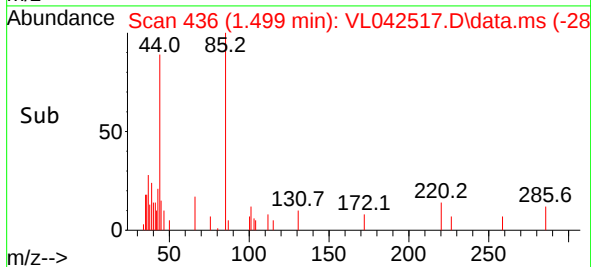
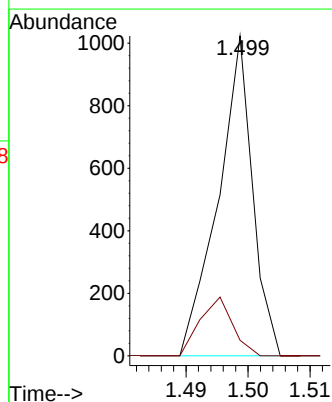
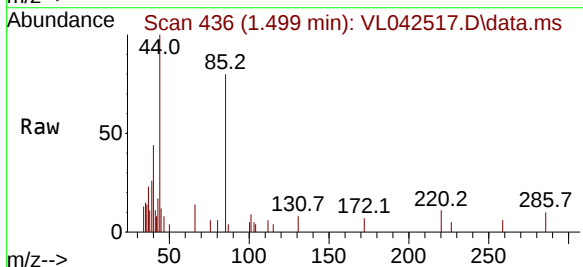
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

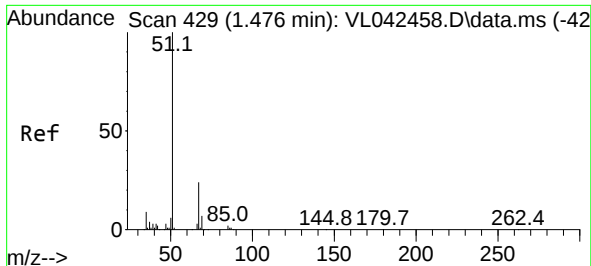
Tgt Ion: 49 Resp: 71256
Ion Ratio Lower Upper
49 100
128 45.6 23.3 69.9
130 59.6 29.5 88.6



#2
Dichlorodifluoromethane
Concen: 0.033 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

Tgt Ion: 85 Resp: 393
Ion Ratio Lower Upper
85 100
87 4.9 26.9 40.3#





#3

Chlorodifluoromethane

Concen: 0.029 ppbv

RT: 1.476 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Instrument :

MSVOA_L

ClientSampleId :

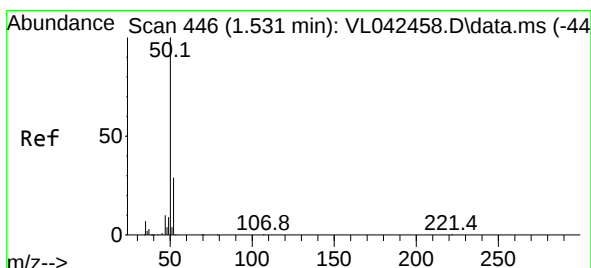
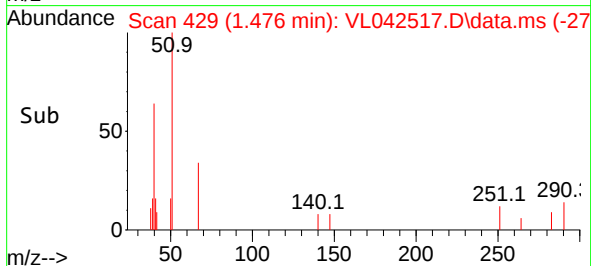
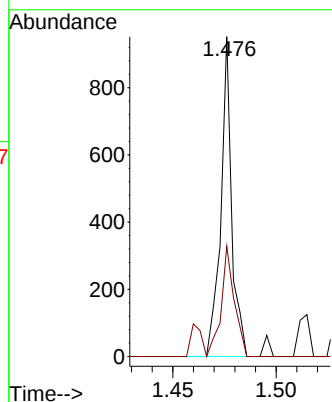
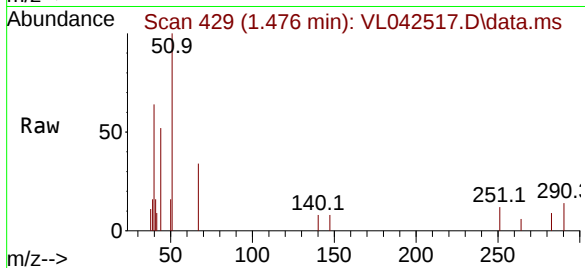
MDL3 0.03

Tgt Ion: 51 Resp: 358

Ion Ratio Lower Upper

51 100

67 49.7 18.4 27.6#



#4

Chloromethane

Concen: 0.094 ppbv

RT: 1.534 min Scan# 447

Delta R.T. 0.003 min

Lab File: VL042517.D

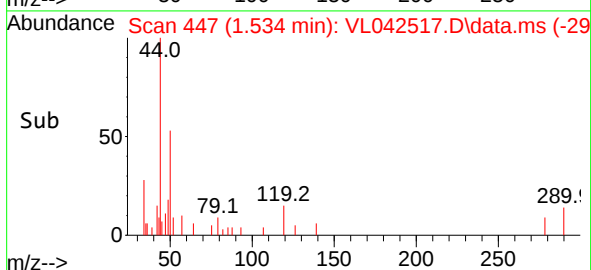
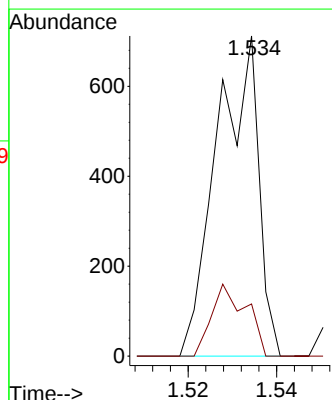
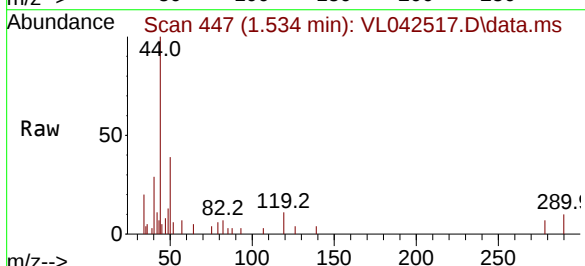
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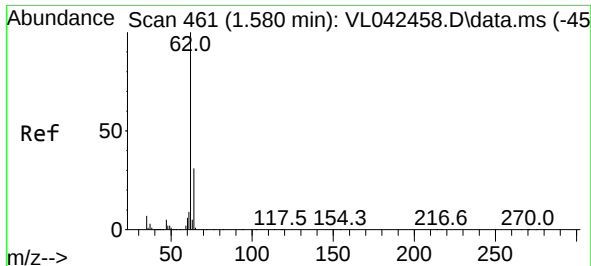
Tgt Ion: 50 Resp: 462

Ion Ratio Lower Upper

50 100

52 16.3 23.5 35.3#

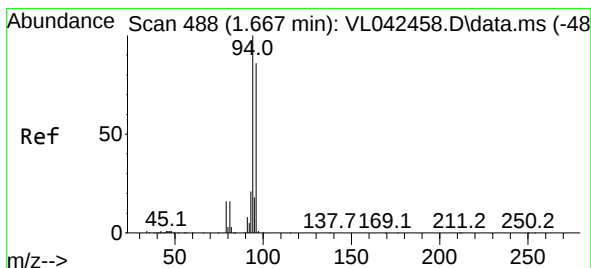
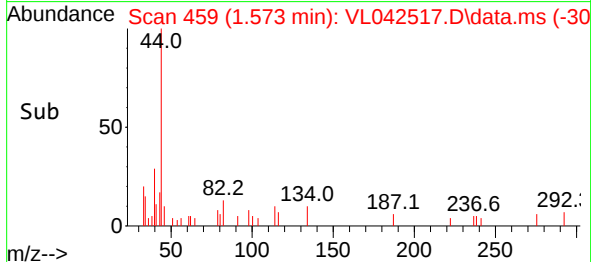
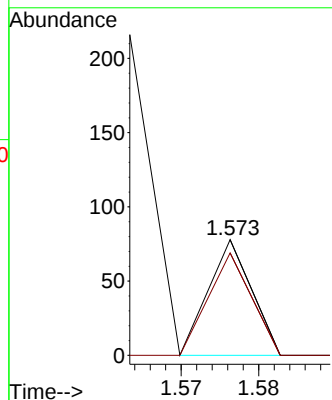
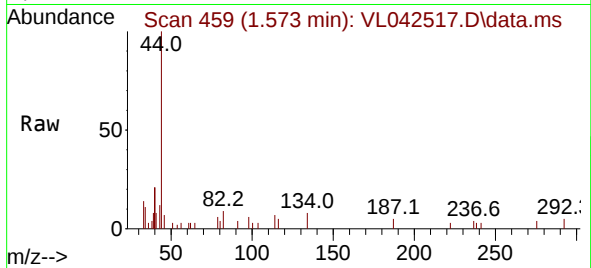




#5
 Vinyl Chloride
 Concen: 0.003 ppbv
 RT: 1.573 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL042517.D
 Acq: 07 May 2025 14:29

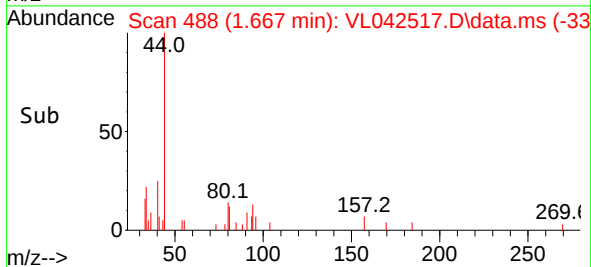
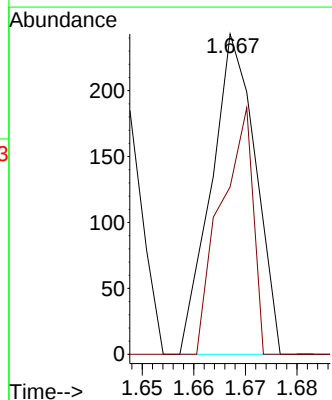
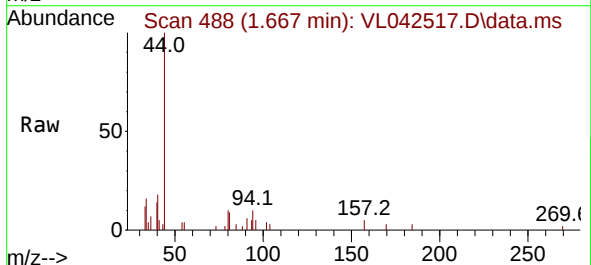
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.03

Tgt Ion: 62 Resp: 15
 Ion Ratio Lower Upper
 62 100
 64 88.5 24.9 37.3#



#6
 Bromomethane
 Concen: 0.062 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042517.D
 Acq: 07 May 2025 14:29

Tgt Ion: 94 Resp: 145
 Ion Ratio Lower Upper
 94 100
 96 52.3 68.8 103.2#

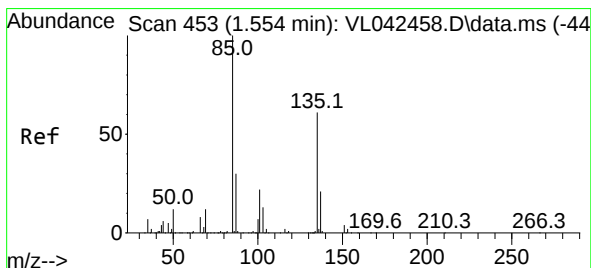
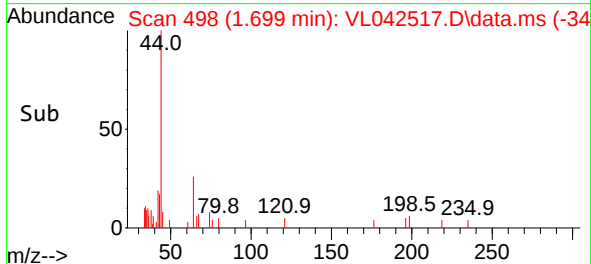
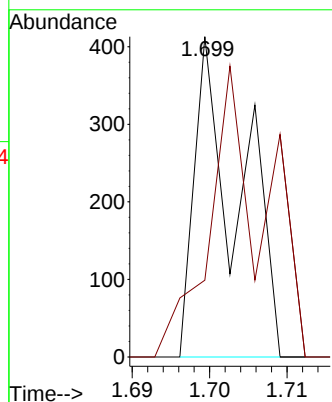
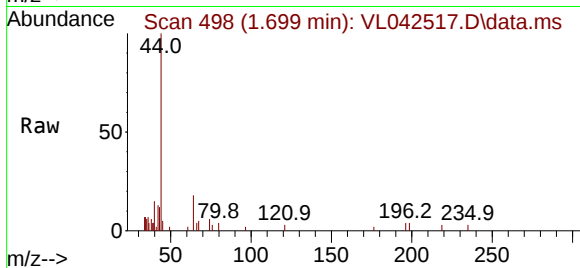




#7
Chloroethane
Concen: 0.090 ppbv
RT: 1.699 min Scan# 498
Delta R.T. -0.003 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

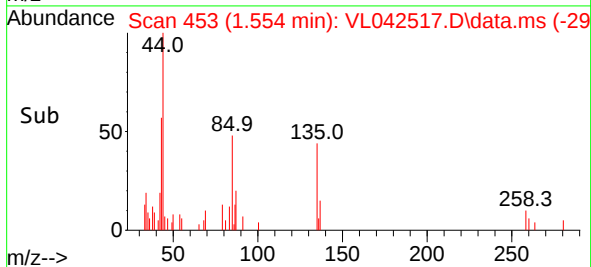
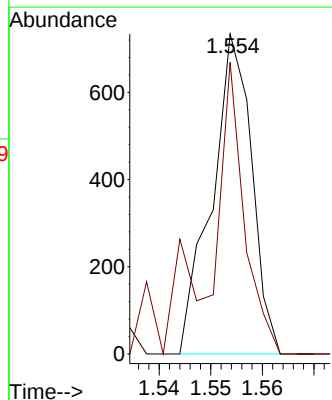
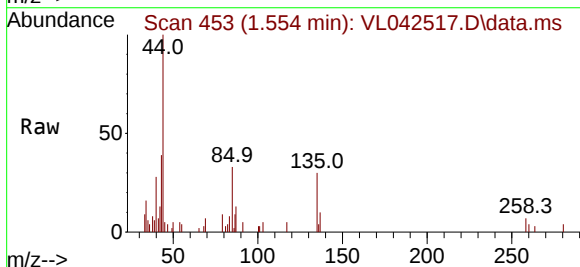
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

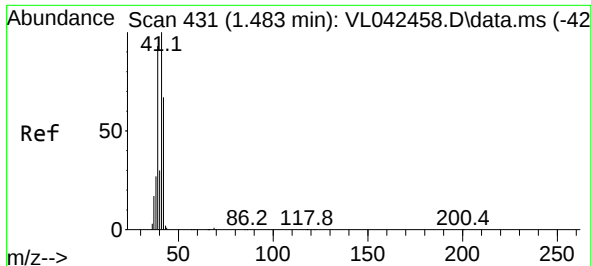
Tgt Ion: 64 Resp: 164
Ion Ratio Lower Upper
64 100
66 24.0 25.0 37.4#



#8
Dichlorotetrafluoroethane
Concen: 0.041 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

Tgt Ion: 85 Resp: 395
Ion Ratio Lower Upper
85 100
135 82.5 49.8 74.8#





#9

Propene

Concen: 0.093 ppbv

RT: 1.774 min Scan# 51

Delta R.T. 0.291 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Instrument :

MSVOA_L

ClientSampleId :

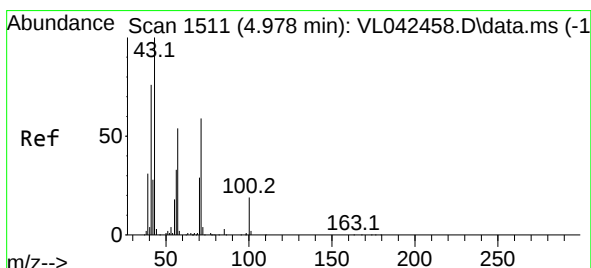
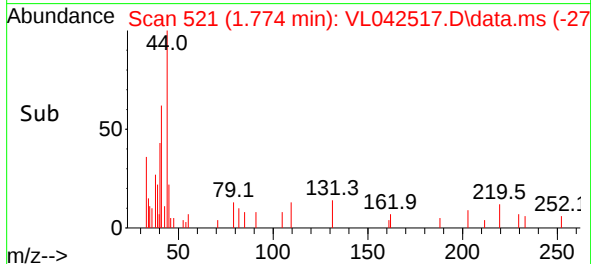
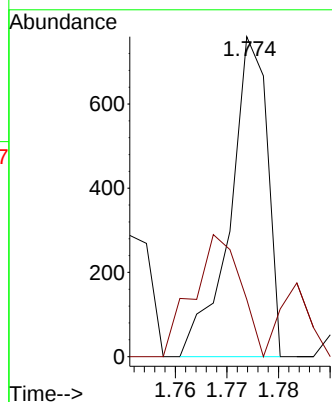
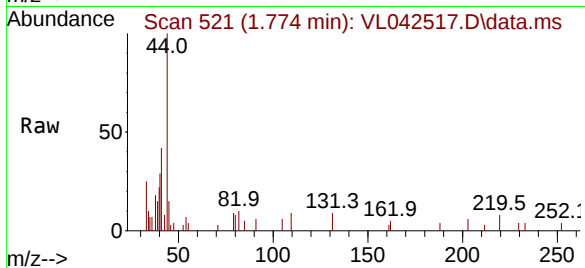
MDL3 0.03

Tgt Ion: 41 Resp: 379

Ion Ratio Lower Upper

41 100

42 67.3 54.3 81.5



#10

Heptane

Concen: 0.005 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. 0.010 min

Lab File: VL042517.D

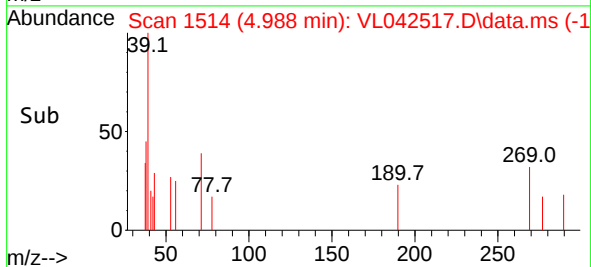
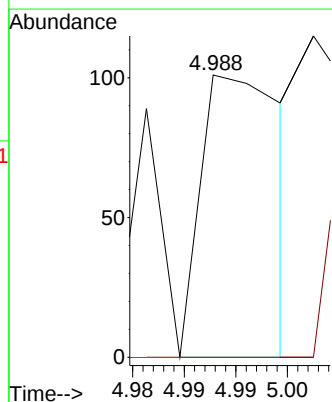
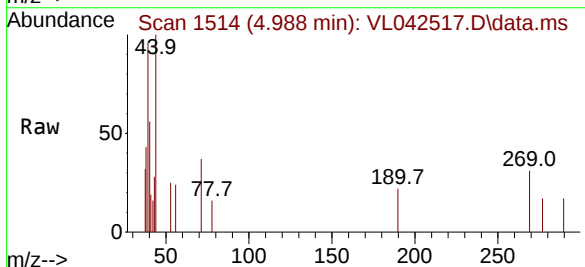
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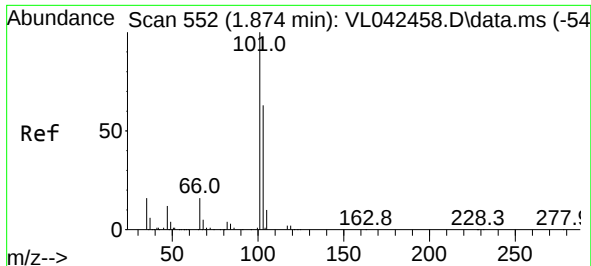
Tgt Ion: 43 Resp: 56

Ion Ratio Lower Upper

43 100

57 0.0 41.8 62.8#

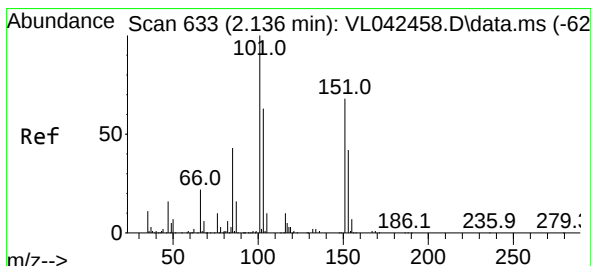
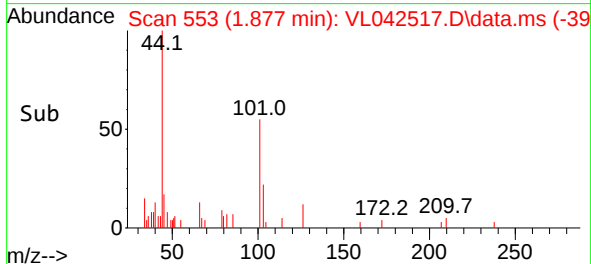
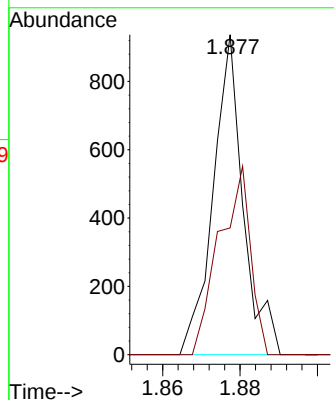
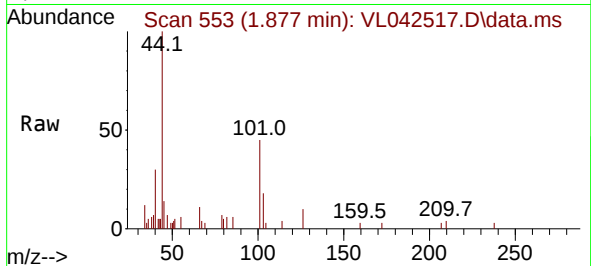




#11
Trichlorofluoromethane
Concen: 0.046 ppbv
RT: 1.877 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

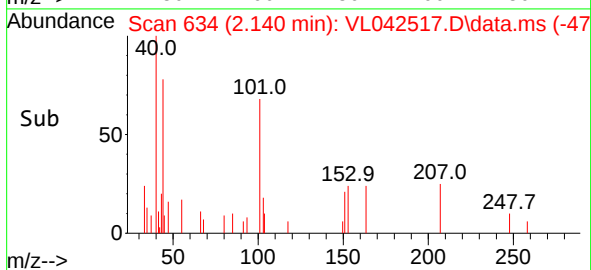
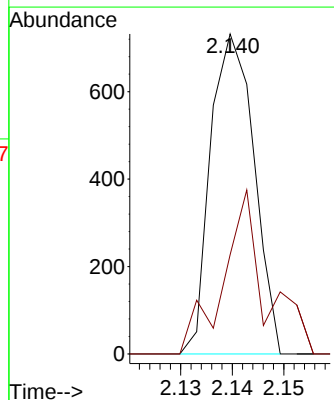
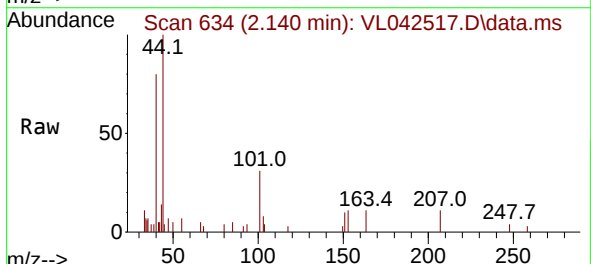
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MSVOA_L
ClientSampleId :
MDL3 0.03

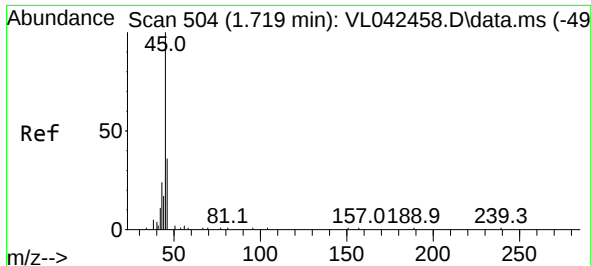
Tgt Ion:101 Resp: 504
Ion Ratio Lower Upper
101 100
103 39.6 50.6 76.0#



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.049 ppbv
RT: 2.140 min Scan# 634
Delta R.T. 0.003 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

Tgt Ion:101 Resp: 429
Ion Ratio Lower Upper
101 100
151 49.9 54.6 82.0#

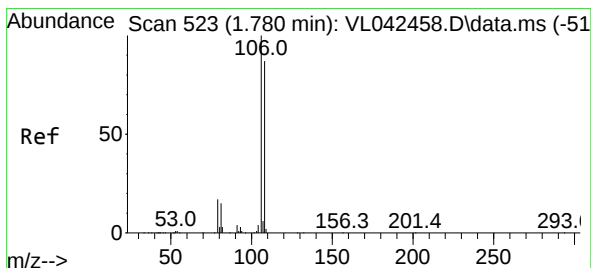
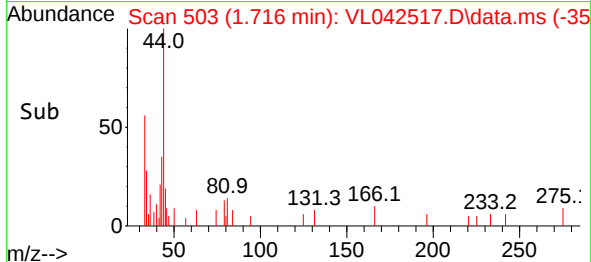
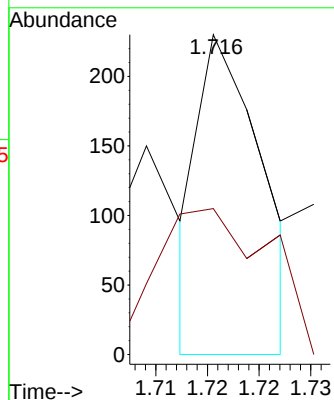
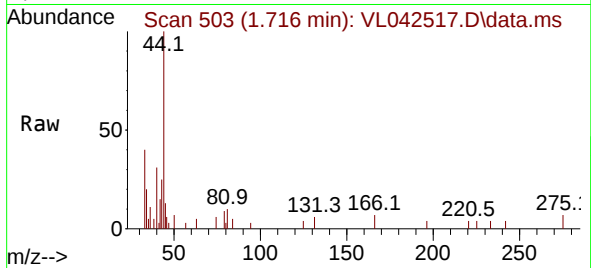




#13
 Ethanol
 Concen: 0.117 ppbv
 RT: 1.716 min Scan# 504
 Delta R.T. -0.003 min
 Lab File: VL042517.D
 Acq: 07 May 2025 14:29

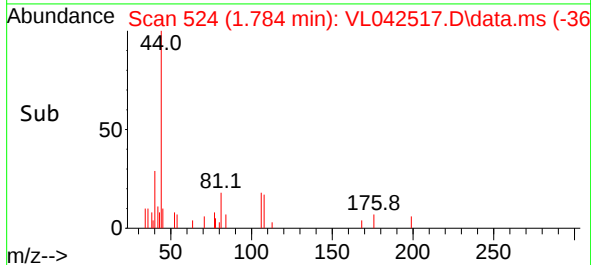
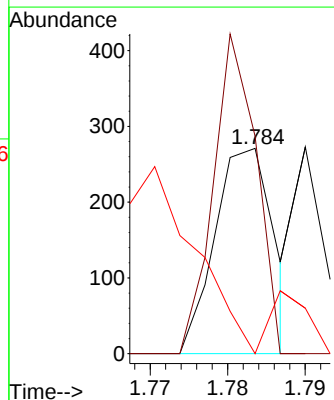
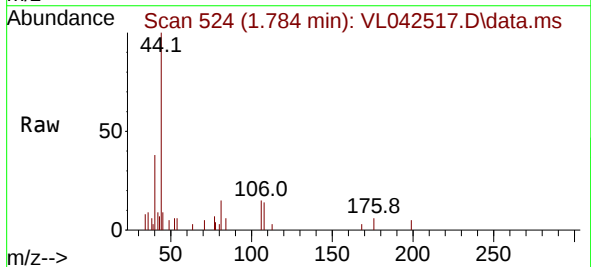
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.03

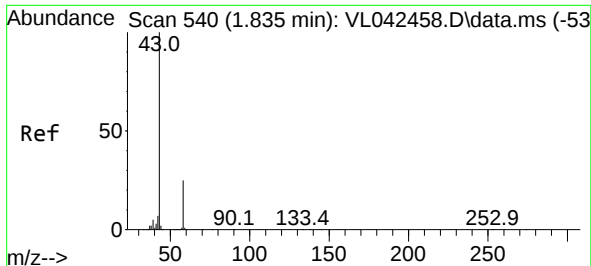
Tgt Ion: 45 Resp: 97
 Ion Ratio Lower Upper
 45 100
 46 82.5 15.3 61.1#



#14
 Bromoethene
 Concen: 0.045 ppbv
 RT: 1.784 min Scan# 524
 Delta R.T. 0.003 min
 Lab File: VL042517.D
 Acq: 07 May 2025 14:29

Tgt Ion: 108 Resp: 144
 Ion Ratio Lower Upper
 108 100
 106 112.5 88.8 133.2
 79 198.6 17.1 25.7#





#15

Acetone

Concen: 0.118 ppbv

RT: 1.835 min Scan# 540

Delta R.T. 0.000 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Instrument :

MSVOA_L

ClientSampleId :

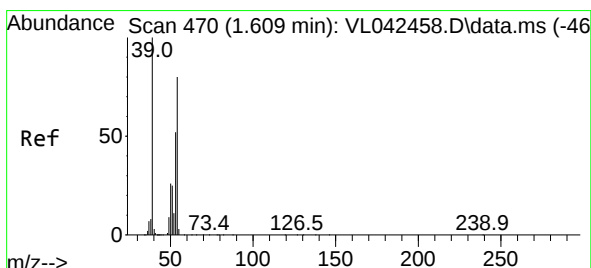
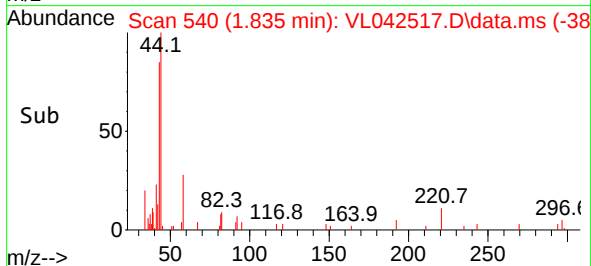
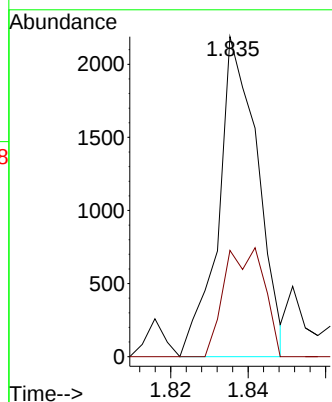
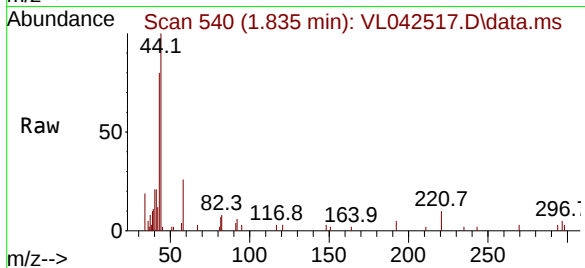
MDL3 0.03

Tgt Ion: 43 Resp: 1541

Ion Ratio Lower Upper

43 100

58 34.7 19.8 29.8#



#16

1,3-Butadiene

Concen: 0.076 ppbv

RT: 1.609 min Scan# 470

Delta R.T. 0.000 min

Lab File: VL042517.D

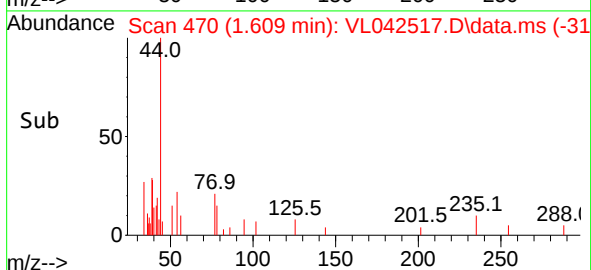
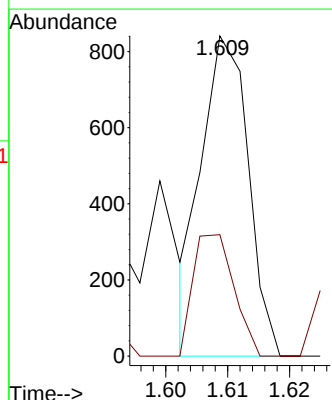
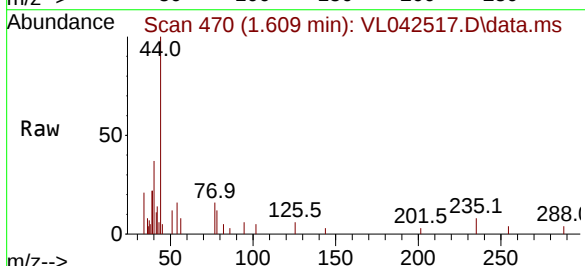
Acq: 07 May 2025 14:29

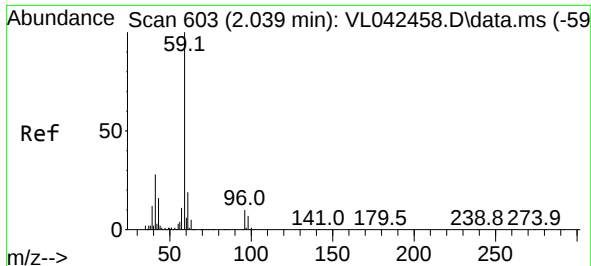
Tgt Ion: 39 Resp: 437

Ion Ratio Lower Upper

39 100

54 50.6 55.2 82.8#





#17

tert-Butyl alcohol

Concen: 0.040 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.006 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Instrument :

MSVOA_L

ClientSampleId :

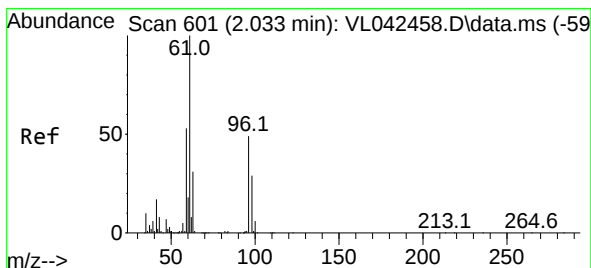
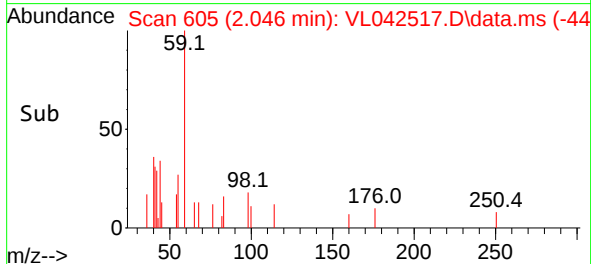
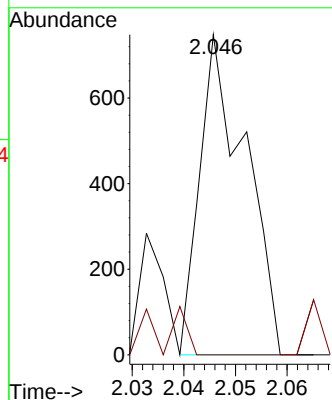
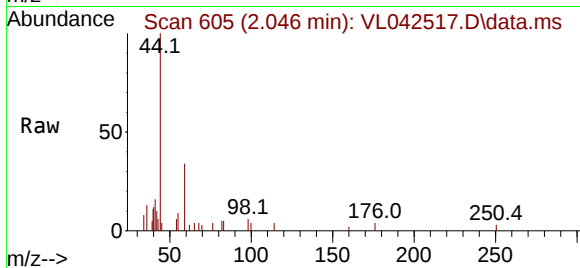
MDL3 0.03

Tgt Ion: 59 Resp: 461

Ion Ratio Lower Upper

59 100

57 9.3 8.3 12.5



#18

1,1-Dichloroethene

Concen: 0.014 ppbv

RT: 2.033 min Scan# 601

Delta R.T. 0.000 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

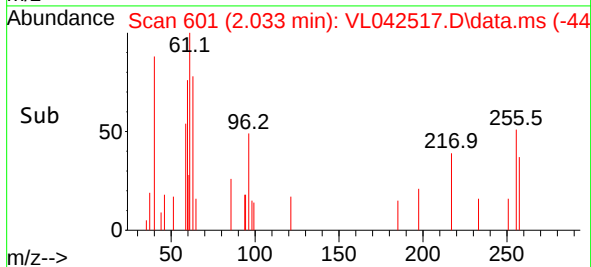
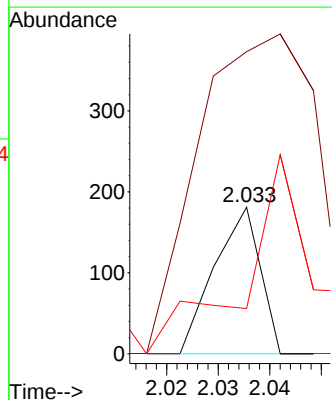
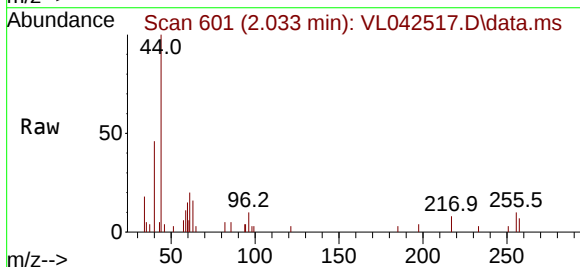
Tgt Ion: 96 Resp: 56

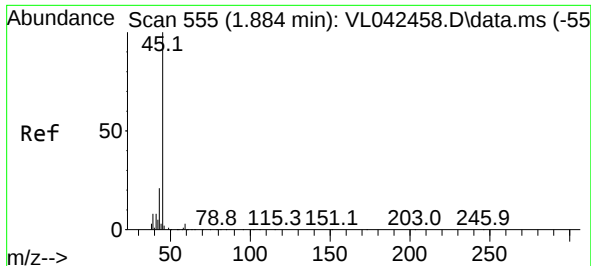
Ion Ratio Lower Upper

96 100

61 117.1 164.9 247.3#

98 0.0 48.2 72.2#





#19

Isopropyl Alcohol

Concen: 0.096 ppbv

RT: 1.894 min Scan# 51

Delta R.T. 0.010 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Instrument :

MSVOA_L

ClientSampleId :

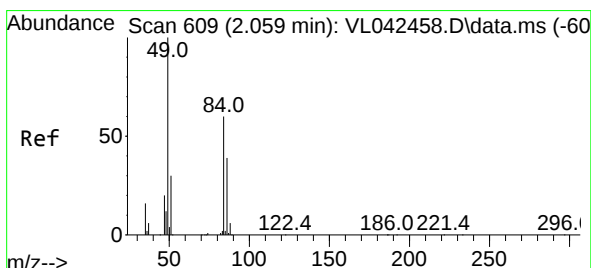
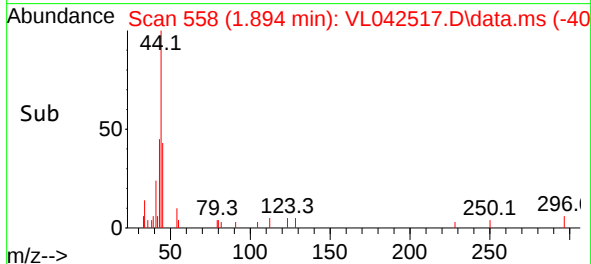
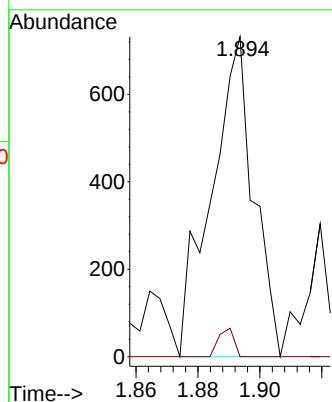
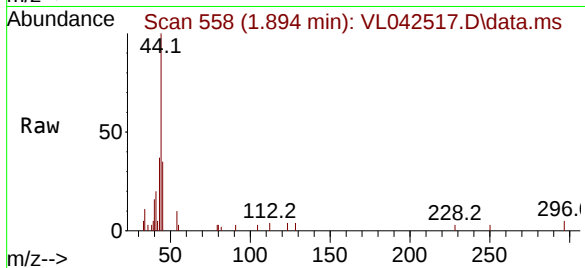
MDL3 0.03

Tgt Ion: 45 Resp: 693

Ion Ratio Lower Upper

45 100

58 3.3 1.6 2.4#



#20

Methylene Chloride

Concen: 0.240 ppbv

RT: 2.065 min Scan# 611

Delta R.T. 0.006 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Tgt Ion: 84 Resp: 937

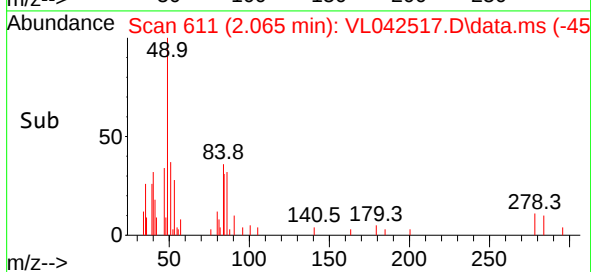
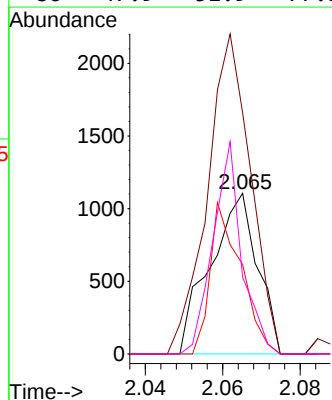
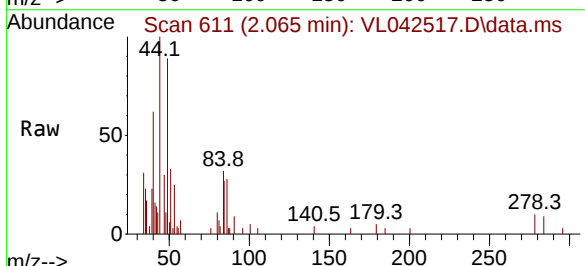
Ion Ratio Lower Upper

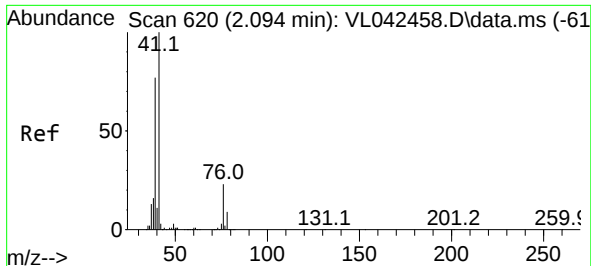
84 100

49 150.3 133.9 200.9

51 55.8 41.0 61.6

86 47.9 51.9 77.9#

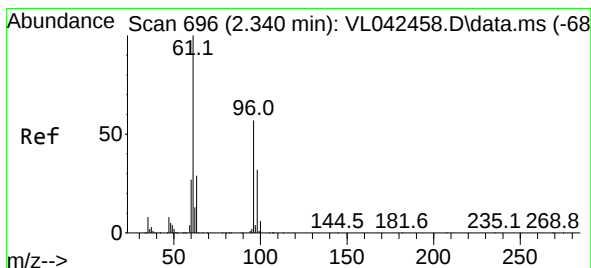
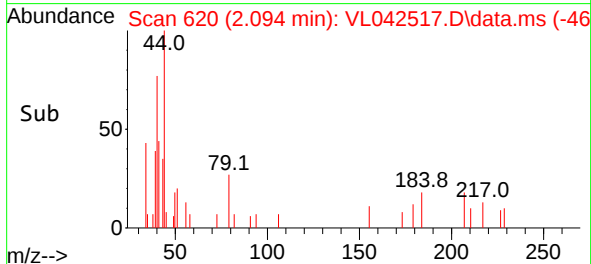
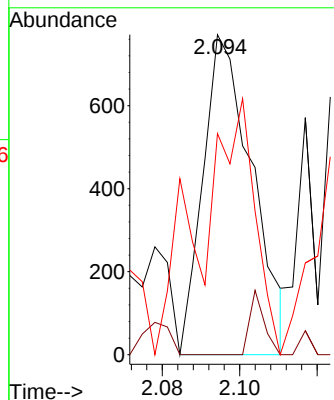
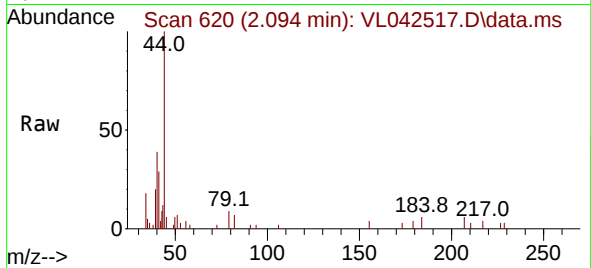




#21
 Allyl Chloride
 Concen: 0.081 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL042517.D
 Acq: 07 May 2025 14:29

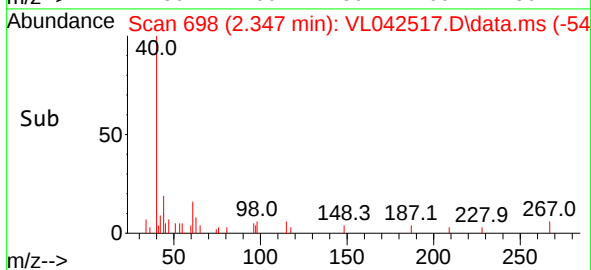
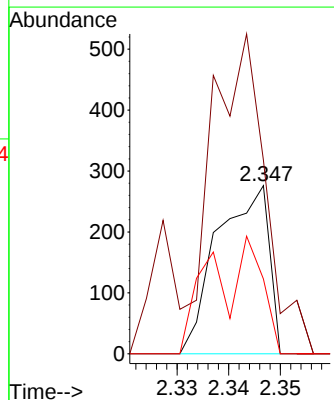
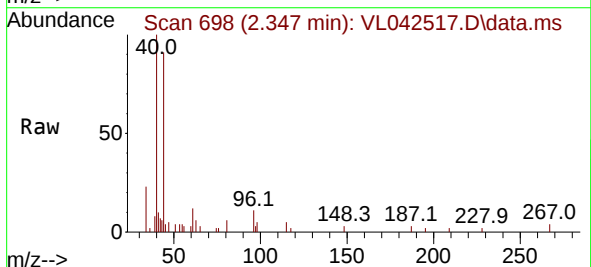
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.03

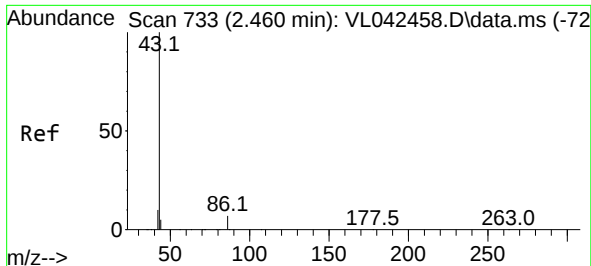
Tgt Ion: 41	Resp: 678
Ion Ratio	Lower Upper
41	100
76	5.9 19.6 29.4#
39	59.6 61.0 91.4#



#22
 trans-1,2-Dichloroethene
 Concen: 0.040 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VL042517.D
 Acq: 07 May 2025 14:29

Tgt Ion: 96	Resp: 190
Ion Ratio	Lower Upper
96	100
61	91.3 141.8 212.6#
98	44.6 45.0 67.6#

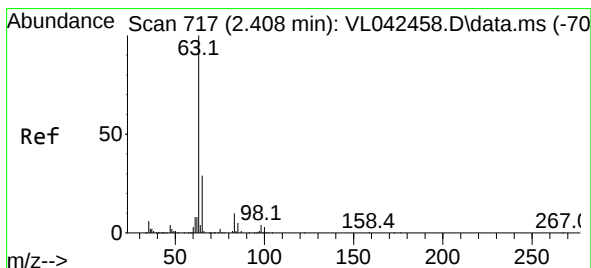
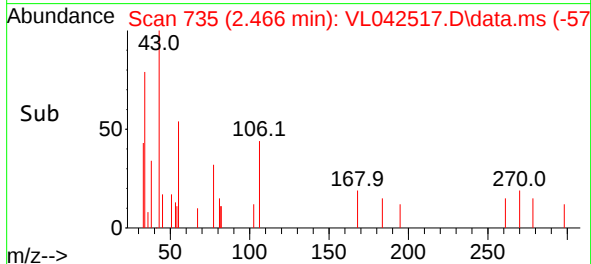
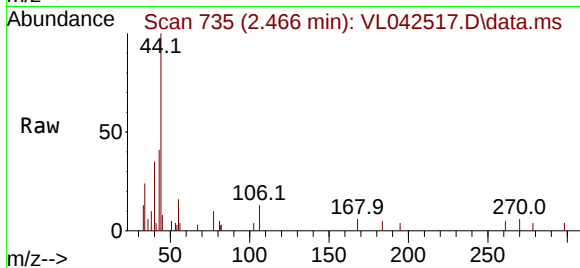




#23
 Vinyl Acetate
 Concen: 0.068 ppbv
 RT: 2.466 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VL042517.D
 Acq: 07 May 2025 14:29

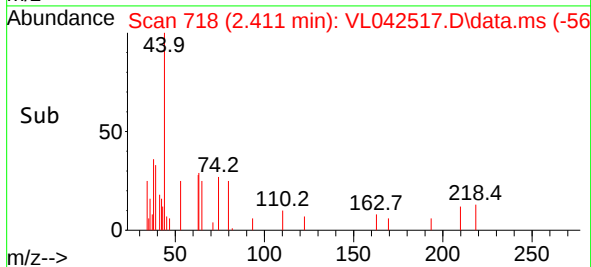
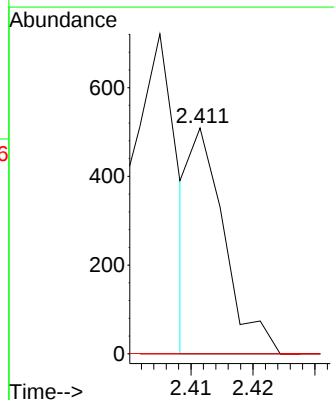
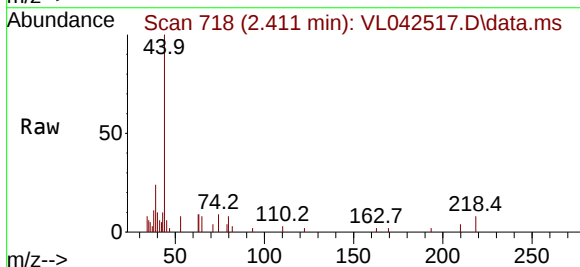
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.03

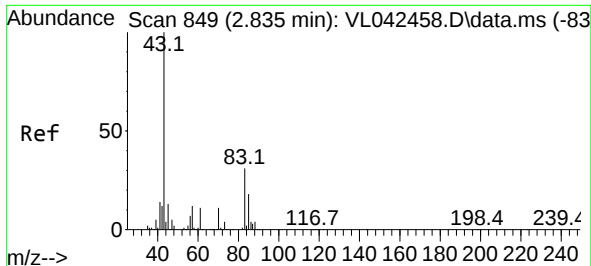
Tgt Ion:	43	Resp:	841
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.5	8.3#
42	0.0	8.3	12.5#
44	21.3	4.6	7.0#



#24
 1,1-Dichloroethane
 Concen: 0.020 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042517.D
 Acq: 07 May 2025 14:29

Tgt Ion:	63	Resp:	190
Ion	Ratio	Lower	Upper
63	100		
98	0.0	1.8	5.5#
100	0.0	1.4	4.2#





#25

Ethyl Acetate

Concen: 0.018 ppbv

RT: 2.839 min Scan# 849

Delta R.T. 0.003 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03

Tgt Ion: 43 Resp: 378

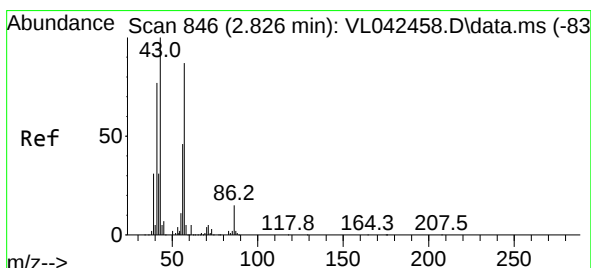
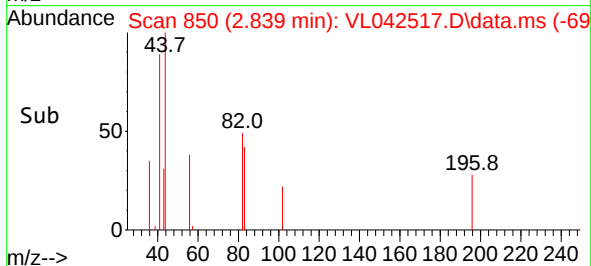
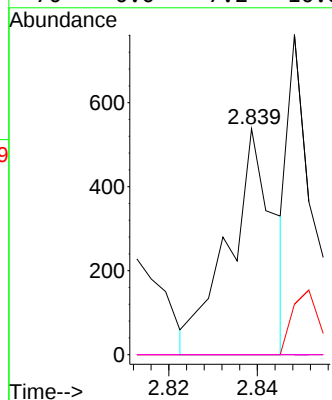
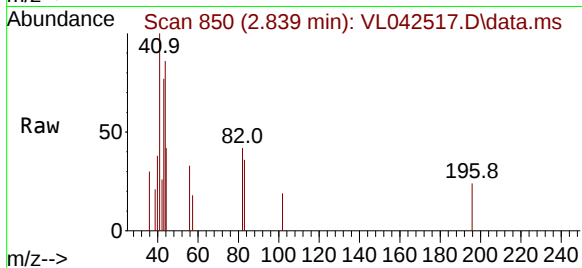
Ion Ratio Lower Upper

43 100

45 0.0 7.8 11.6#

61 0.0 7.2 10.8#

70 0.0 7.2 10.8#



#26

Hexane

Concen: 0.006 ppbv

RT: 2.835 min Scan# 849

Delta R.T. 0.010 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Tgt Ion: 57 Resp: 58

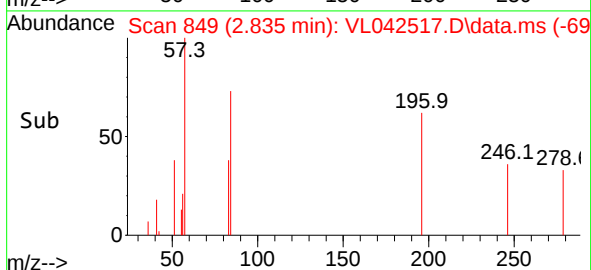
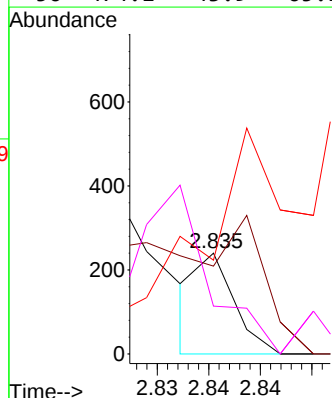
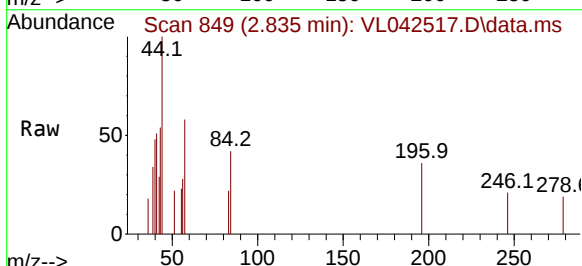
Ion Ratio Lower Upper

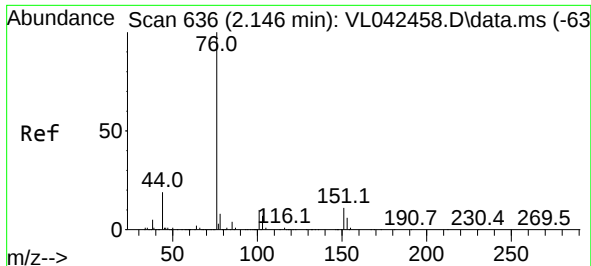
57 100

41 536.2 77.8 116.8#

43 1981.0 187.0 280.6#

56 474.1 43.9 65.9#





#27

Carbon Disulfide

Concen: 0.058 ppbv

RT: 2.149 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

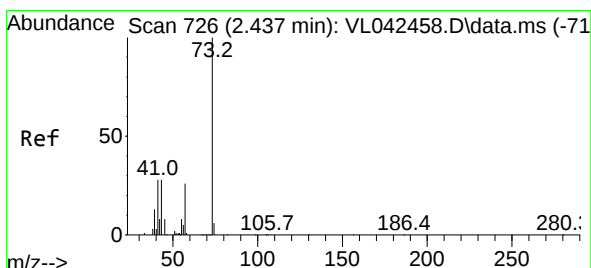
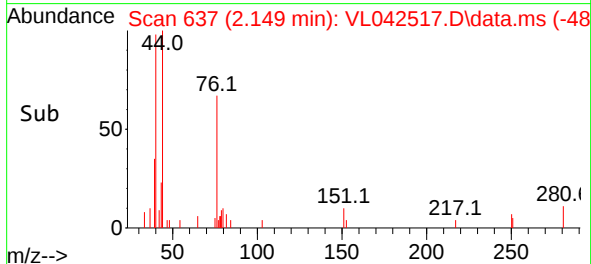
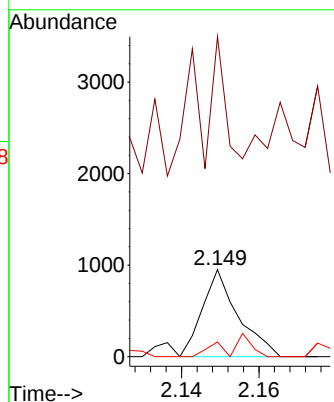
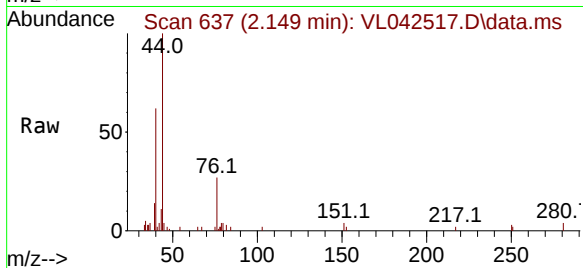
Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03

Tgt Ion: 76	Resp: 609
Ion Ratio	Lower Upper
76	100
44	1300.0 21.0 31.6#
78	29.7 8.6 13.0#



#28

Methyl tert-Butyl Ether

Concen: 0.012 ppbv

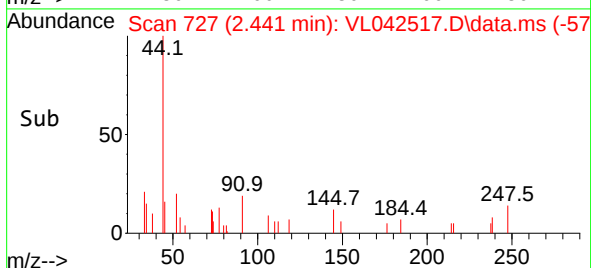
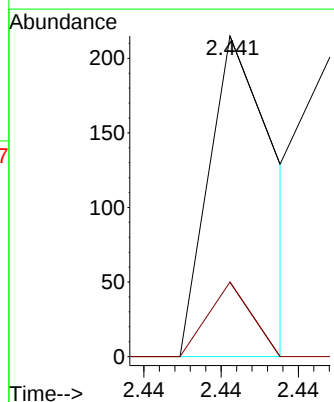
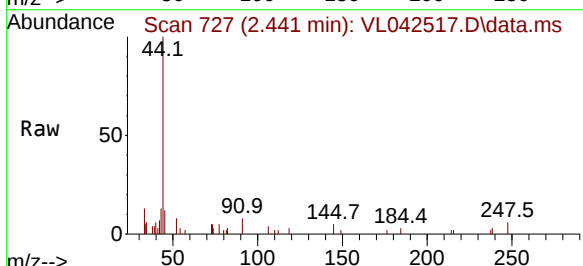
RT: 2.441 min Scan# 727

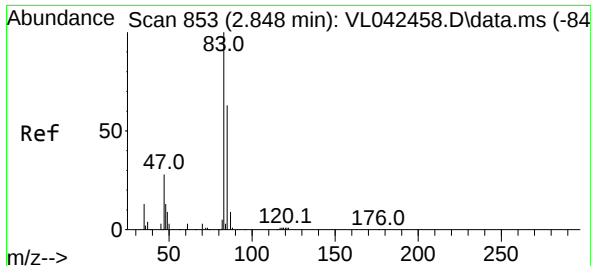
Delta R.T. 0.003 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Tgt Ion: 73	Resp: 67
Ion Ratio	Lower Upper
73	100
57	0.0 19.9 29.9#





#29

Chloroform

Concen: 0.023 ppbv

RT: 2.848 min Scan# 853

Delta R.T. 0.000 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Instrument :

MSVOA_L

ClientSampleId :

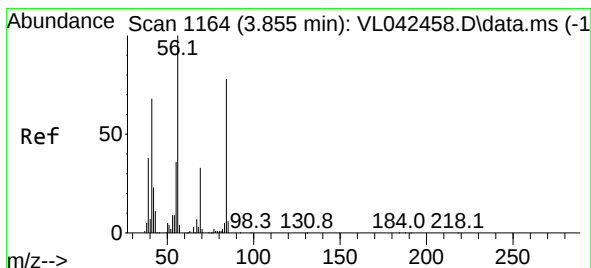
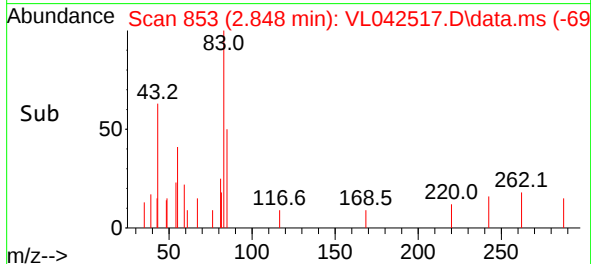
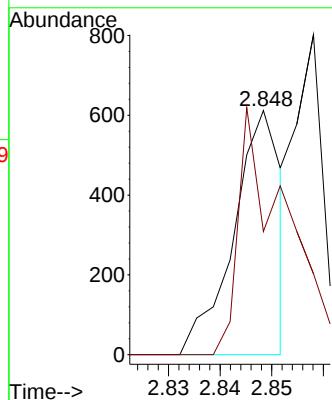
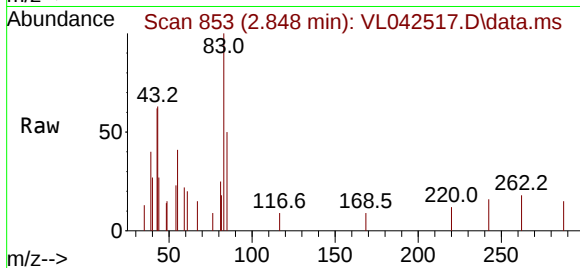
MDL3 0.03

Tgt Ion: 83 Resp: 395

Ion Ratio Lower Upper

83 100

85 50.5 50.4 75.6



#30

Cyclohexane

Concen: 0.007 ppbv

RT: 3.849 min Scan# 1162

Delta R.T. -0.006 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

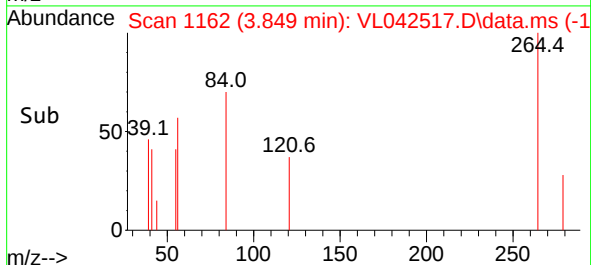
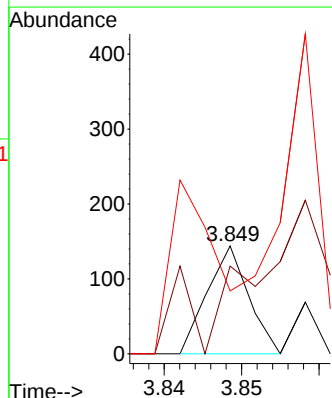
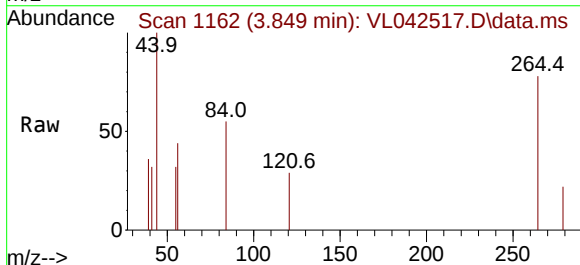
Tgt Ion: 84 Resp: 53

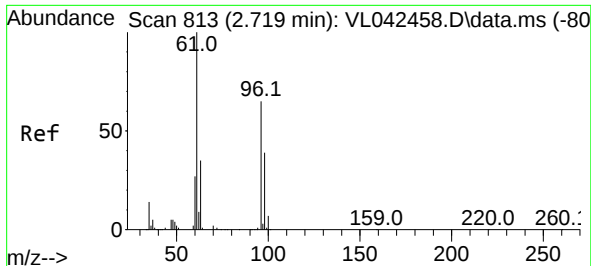
Ion Ratio Lower Upper

84 100

56 601.9 98.1 147.1#

41 458.5 65.8 98.8#

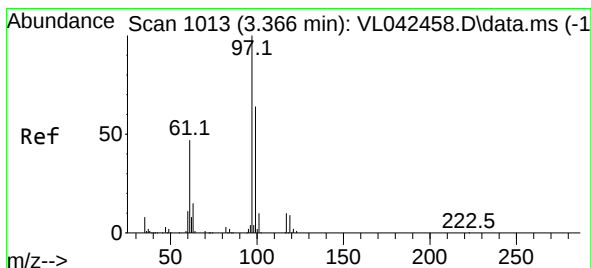
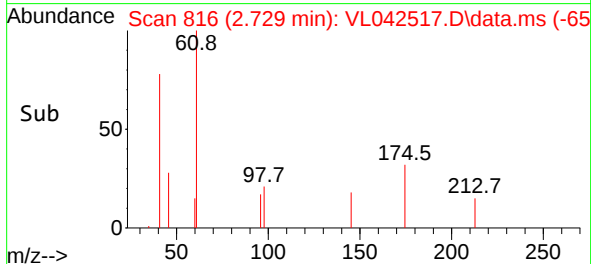
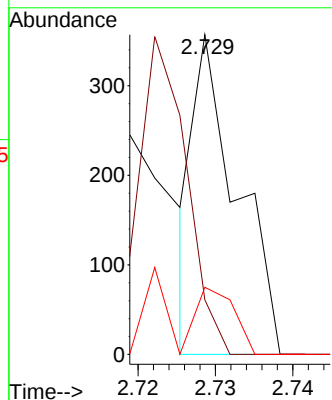
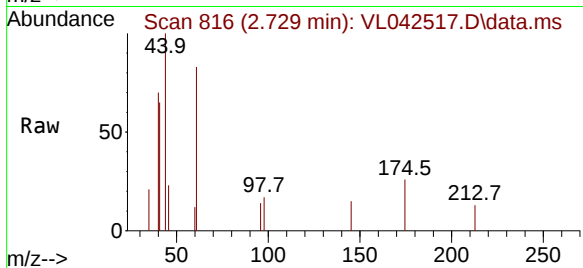




#31
 cis-1,2-Dichloroethene
 Concen: 0.013 ppbv
 RT: 2.729 min Scan# 813
 Delta R.T. 0.010 min
 Lab File: VL042517.D
 Acq: 07 May 2025 14:29

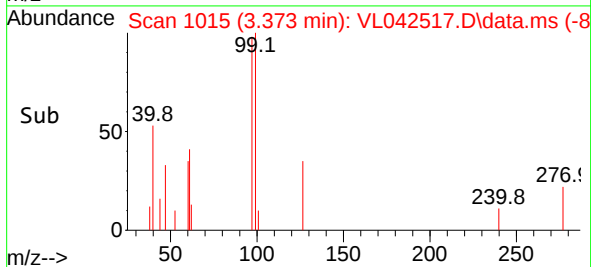
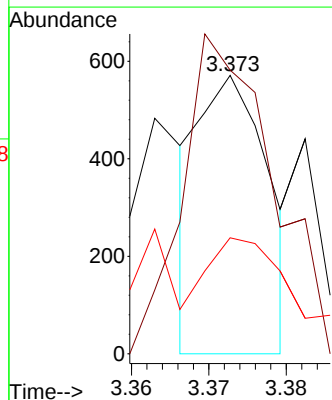
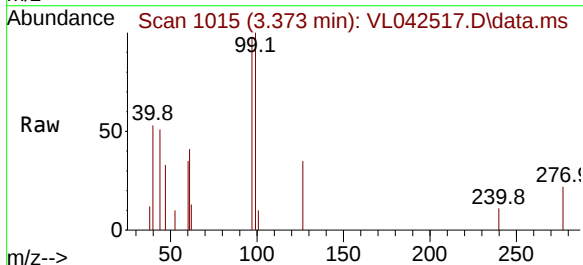
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.03

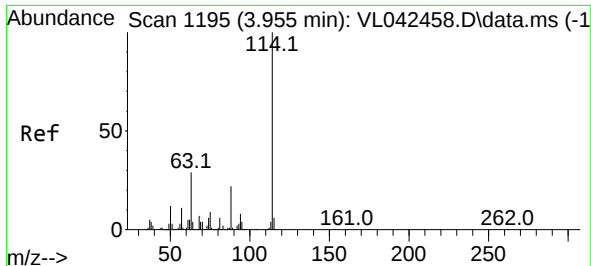
Tgt Ion: 61 Resp: 137
 Ion Ratio Lower Upper
 61 100
 96 17.1 52.0 78.0#
 98 21.0 31.0 46.6#



#32
 1,1,1-Trichloroethane
 Concen: 0.019 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.006 min
 Lab File: VL042517.D
 Acq: 07 May 2025 14:29

Tgt Ion: 97 Resp: 355
 Ion Ratio Lower Upper
 97 100
 99 164.8 50.7 76.1#
 61 0.0 40.9 61.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. 0.010 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03

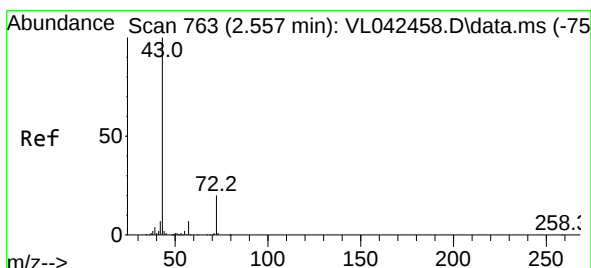
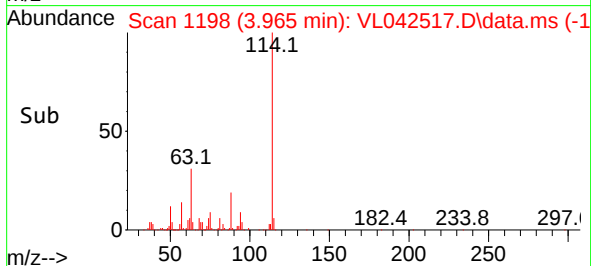
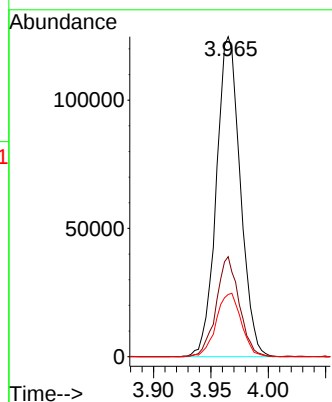
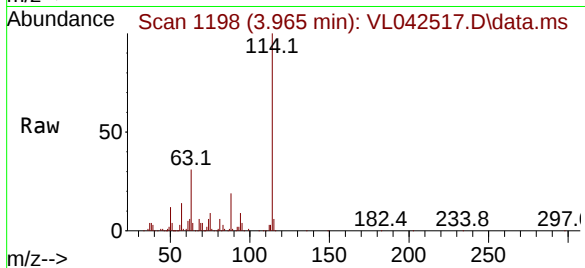
Tgt Ion:114 Resp: 181390

Ion Ratio Lower Upper

114 100

63 30.2 23.1 34.7

88 20.8 16.1 24.1



#34

2-Butanone

Concen: 0.027 ppbv

RT: 2.560 min Scan# 764

Delta R.T. 0.003 min

Lab File: VL042517.D

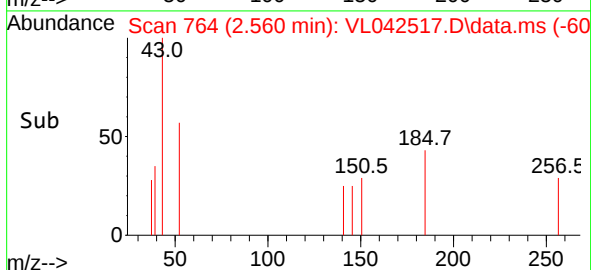
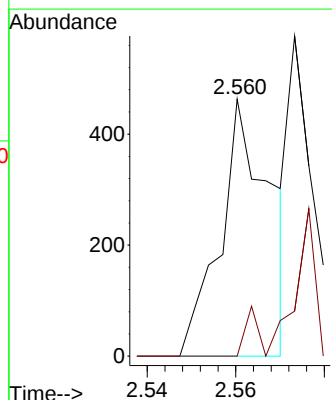
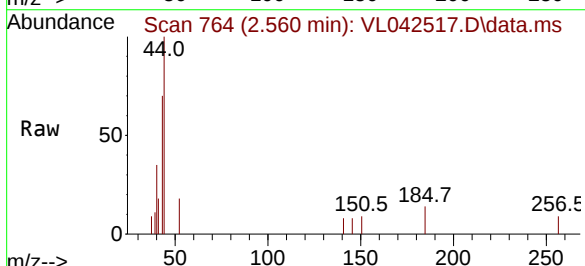
Acq: 07 May 2025 14:29

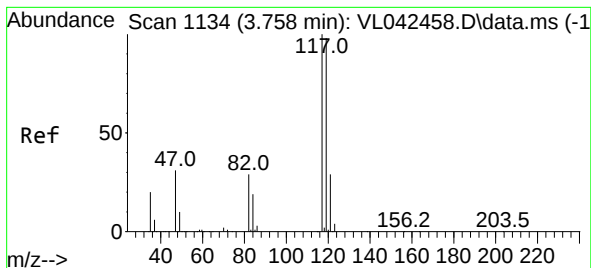
Tgt Ion: 43 Resp: 355

Ion Ratio Lower Upper

43 100

72 0.0 16.7 25.1#





#35

Carbon Tetrachloride

Concen: 0.026 ppbv

RT: 3.768 min Scan# 1134

Delta R.T. 0.010 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03

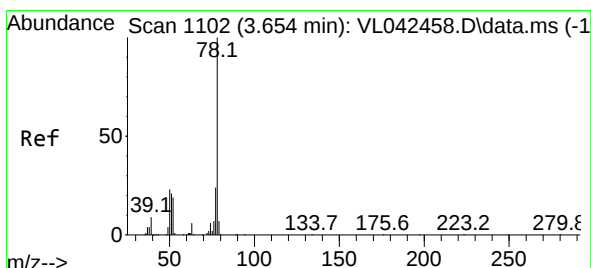
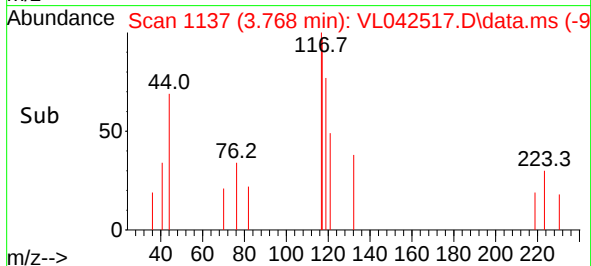
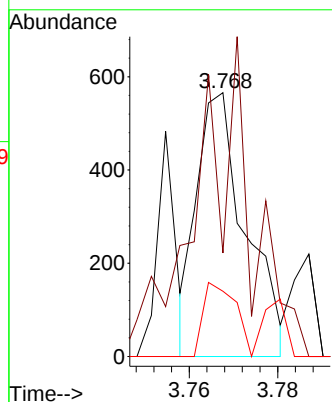
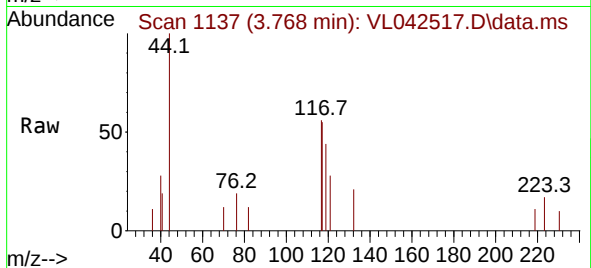
Tgt Ion:117 Resp: 434

Ion Ratio Lower Upper

117 100

119 21.4 78.1 117.1#

121 28.1 23.0 34.6



#36

Benzene

Concen: 0.029 ppbv

RT: 3.661 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

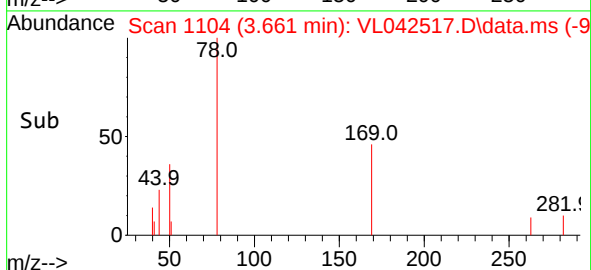
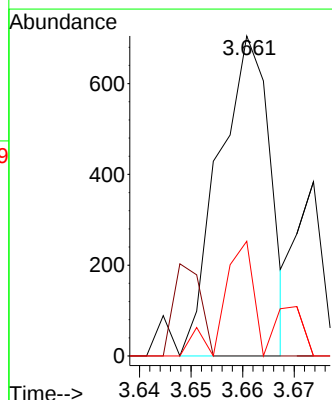
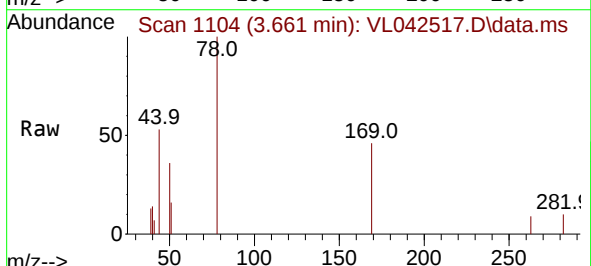
Tgt Ion: 78 Resp: 489

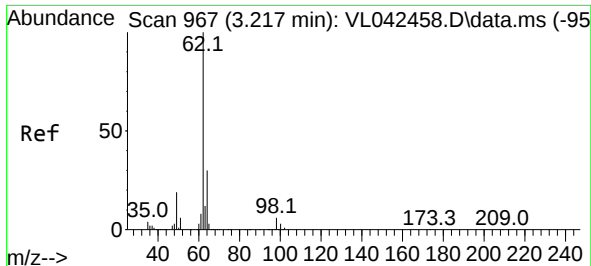
Ion Ratio Lower Upper

78 100

77 0.0 18.9 28.3#

50 35.9 18.4 27.6#

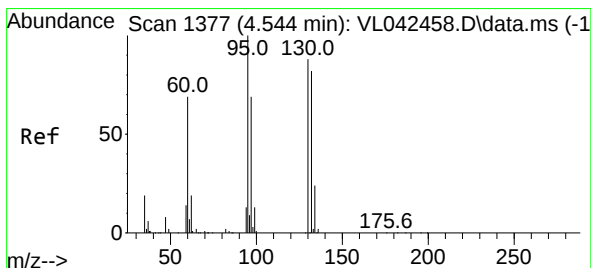
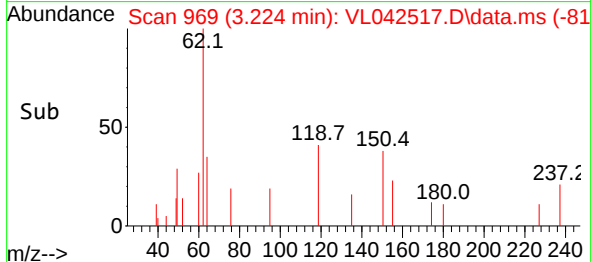
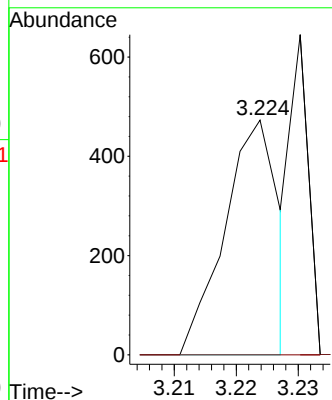
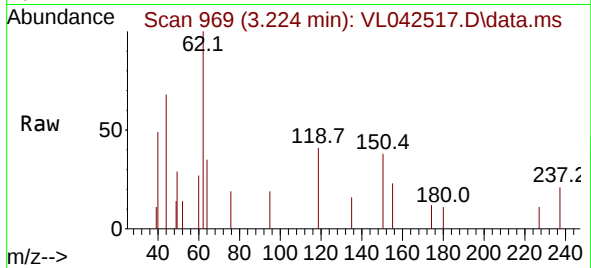




#37
1,2-Dichloroethane
Concen: 0.022 ppbv
RT: 3.224 min Scan# 969
Delta R.T. 0.006 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

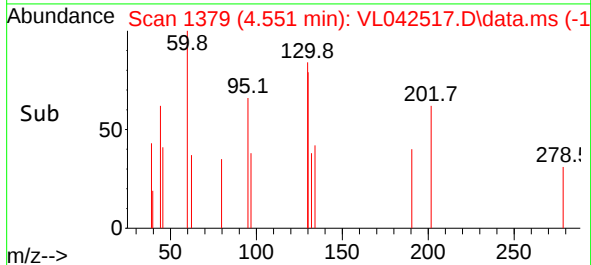
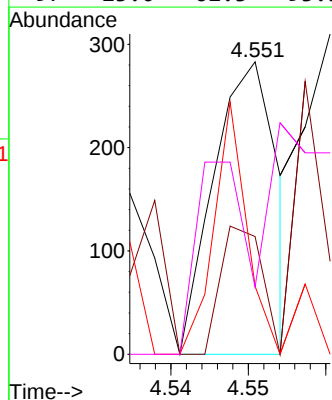
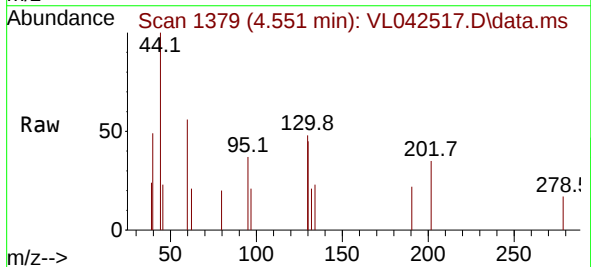
Instrument :
MSVOA_1
ClientSampleId :
MDL3 0.03

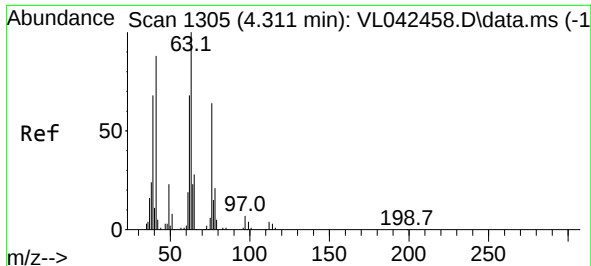
Tgt Ion: 62 Resp: 287
Ion Ratio Lower Upper
62 100
98 0.0 4.3 6.5#



#38
Trichloroethene
Concen: 0.025 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

Tgt Ion:130 Resp: 162
Ion Ratio Lower Upper
130 100
95 40.3 91.0 136.4#
132 23.3 74.2 111.4#
97 23.0 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 8.475 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.346 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03

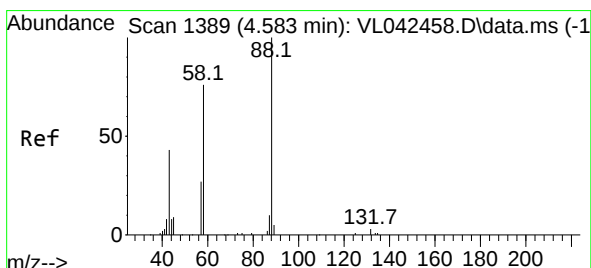
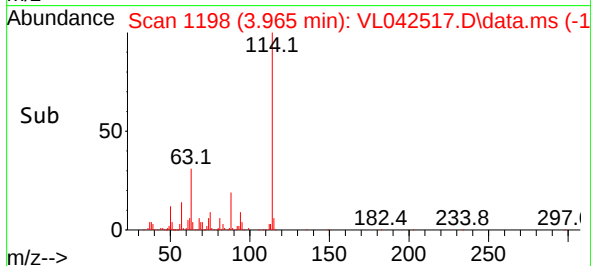
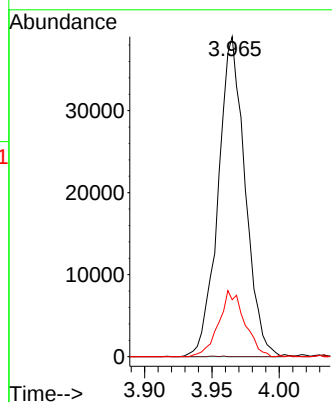
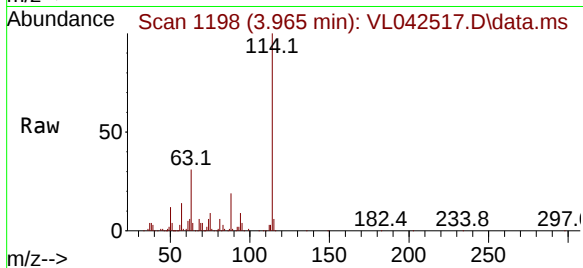
Tgt Ion: 63 Resp: 54306

Ion Ratio Lower Upper

63 100

41 0.0 69.8 104.6#

62 17.8 54.3 81.5#



#40

1,4-Dioxane

Concen: 0.012 ppbv

RT: 4.619 min Scan# 1400

Delta R.T. 0.036 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Tgt Ion: 88 Resp: 36

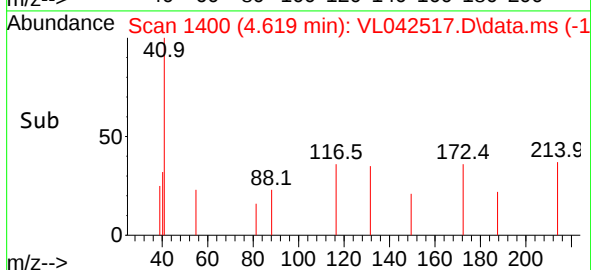
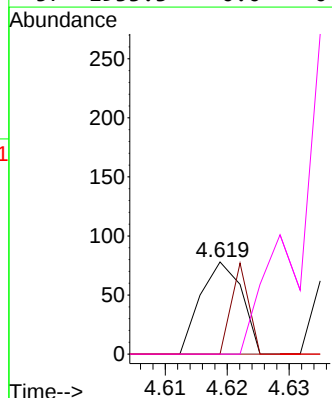
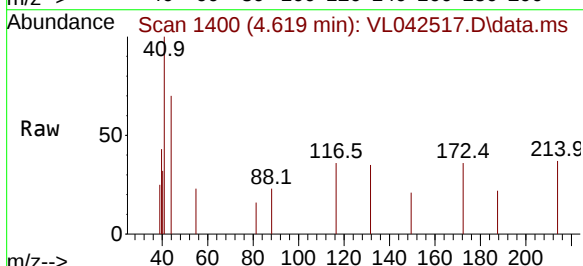
Ion Ratio Lower Upper

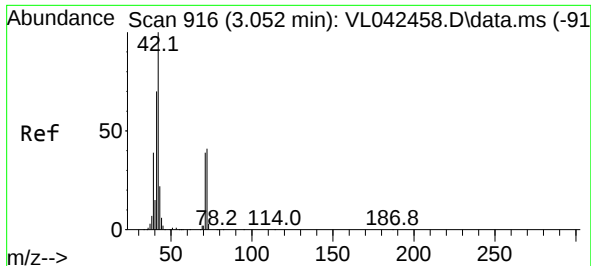
88 100

58 211.1 0.0 0.0#

43 472.2 0.0 0.0#

57 1933.3 0.0 0.0#





#41

Tetrahydrofuran

Concen: 0.016 ppbv

RT: 3.081 min Scan# 91

Delta R.T. 0.029 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03

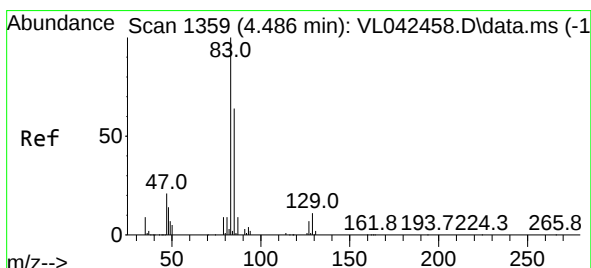
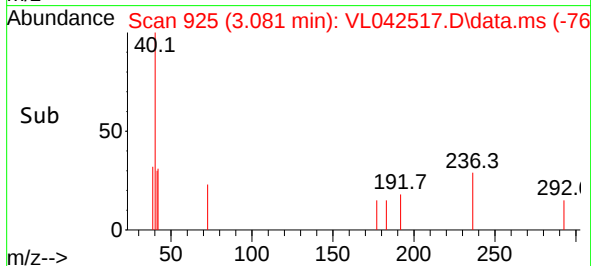
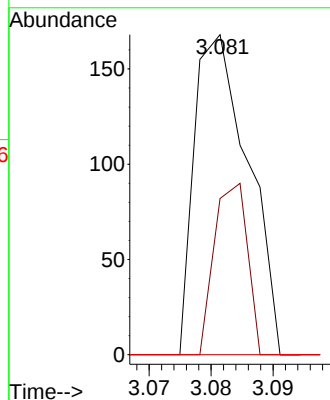
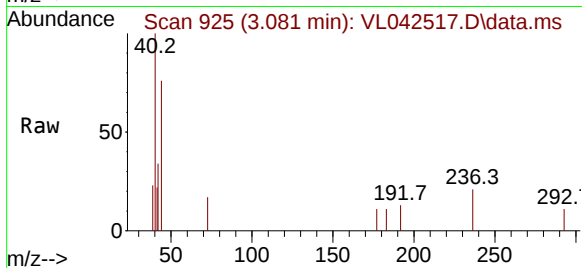
Tgt Ion: 42 Resp: 101

Ion Ratio Lower Upper

42 100

72 32.7 33.5 50.3#

71 0.0 32.6 49.0#



#42

Bromodichloromethane

Concen: 0.011 ppbv

RT: 4.499 min Scan# 1363

Delta R.T. 0.013 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

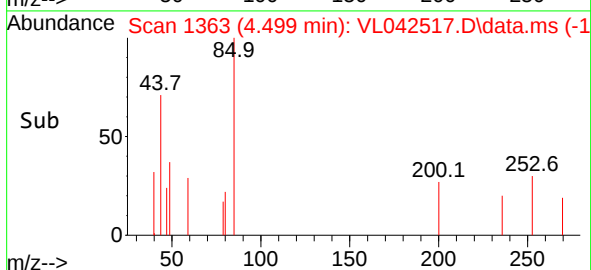
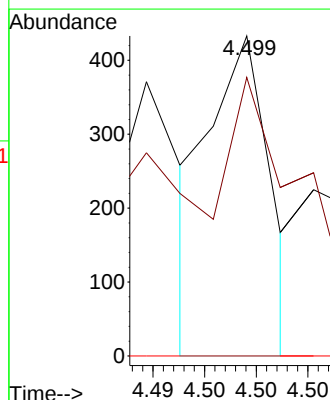
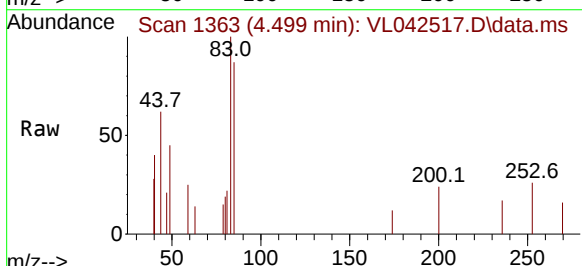
Tgt Ion: 83 Resp: 177

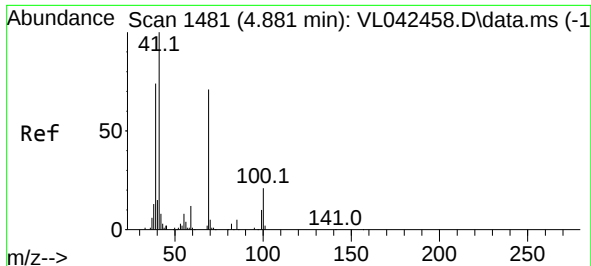
Ion Ratio Lower Upper

83 100

85 59.0 51.5 77.3

127 0.0 5.4 8.2#

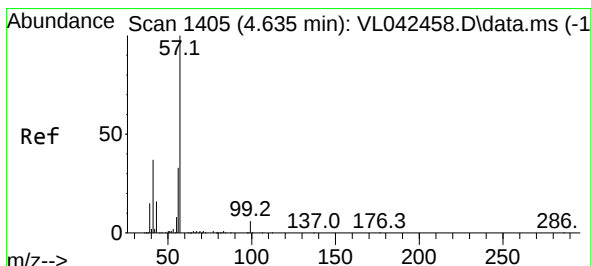
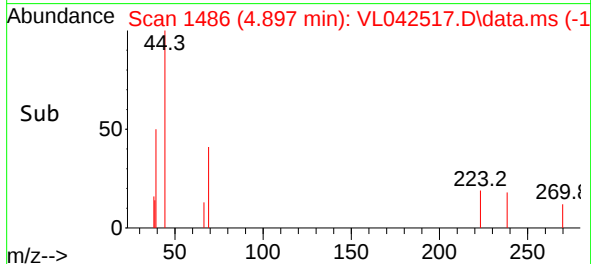
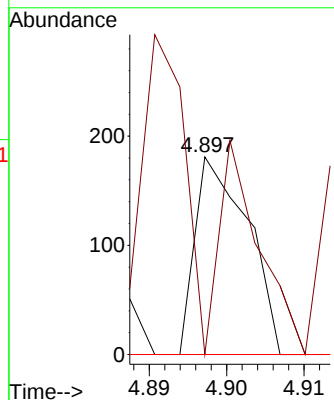
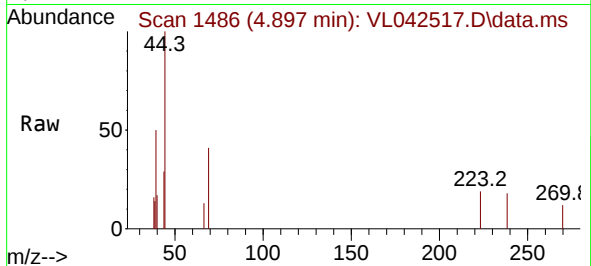




#43
Methyl Methacrylate
Concen: 0.013 ppbv
RT: 4.897 min Scan# 1486
Delta R.T. 0.016 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

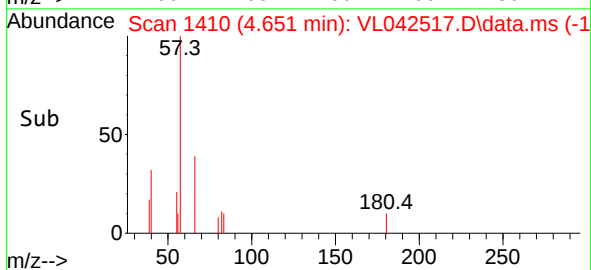
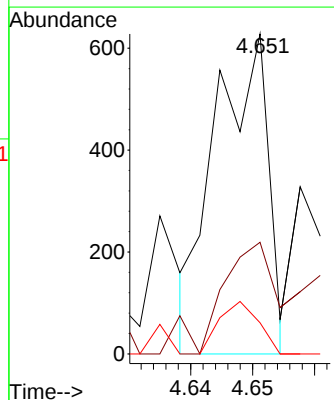
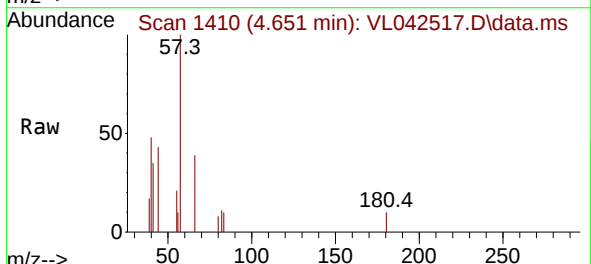
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

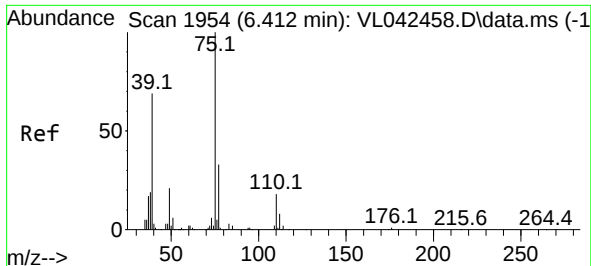
Tgt Ion: 69 Resp: 86
Ion Ratio Lower Upper
69 100
41 186.0 120.8 181.2#
100 0.0 26.7 40.1#



#44
2,2,4-Trimethylpentane
Concen: 0.013 ppbv
RT: 4.651 min Scan# 1410
Delta R.T. 0.016 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

Tgt Ion: 57 Resp: 373
Ion Ratio Lower Upper
57 100
41 108.8 30.6 45.8#
56 0.0 25.0 37.6#

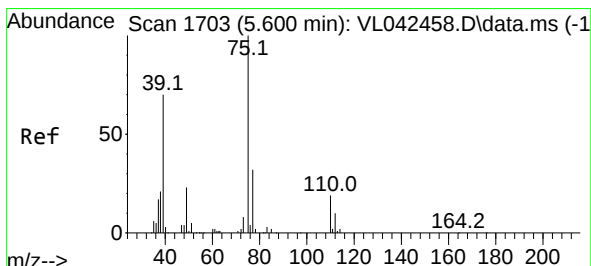
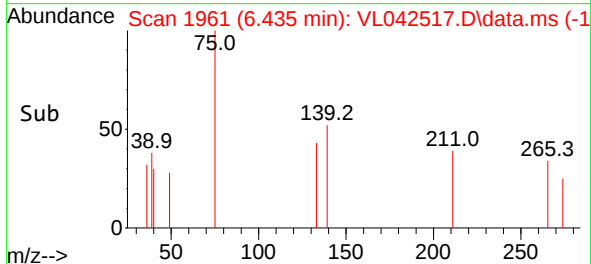
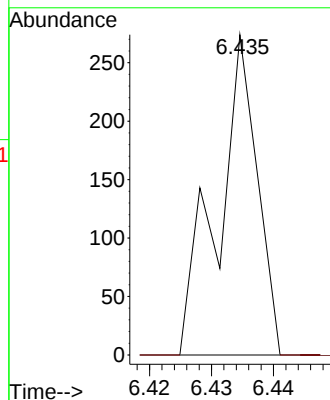
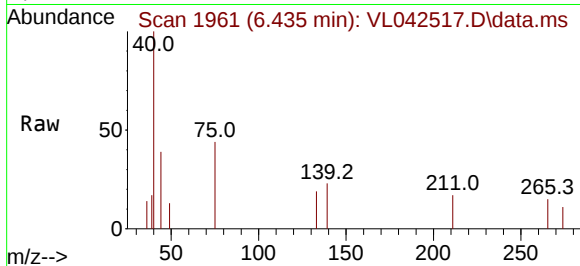




#45
 t-1,3-Dichloropropene
 Concen: 0.015 ppbv
 RT: 6.435 min Scan# 1954
 Delta R.T. 0.023 min
 Lab File: VL042517.D
 Acq: 07 May 2025 14:29

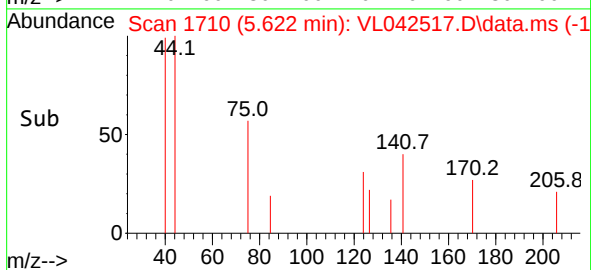
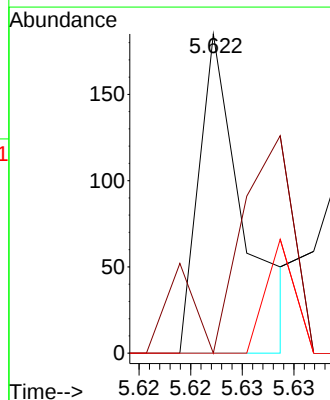
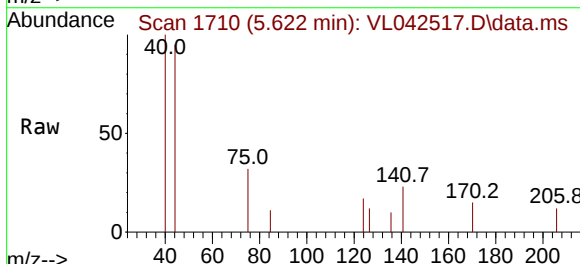
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.03

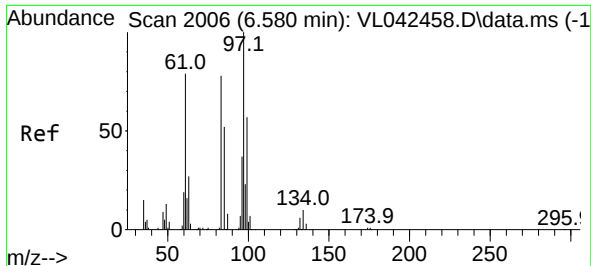
Tgt Ion: 75 Resp: 122
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.3 39.5#



#46
 cis-1,3-Dichloropropene
 Concen: 0.006 ppbv
 RT: 5.622 min Scan# 1710
 Delta R.T. 0.023 min
 Lab File: VL042517.D
 Acq: 07 May 2025 14:29

Tgt Ion: 75 Resp: 57
 Ion Ratio Lower Upper
 75 100
 39 0.0 55.7 83.5#
 77 0.0 25.8 38.8#





#47

1,1,2-Trichloroethane

Concen: 0.009 ppbv

RT: 6.600 min Scan# 20

Delta R.T. 0.019 min

Lab File: VL042517.D

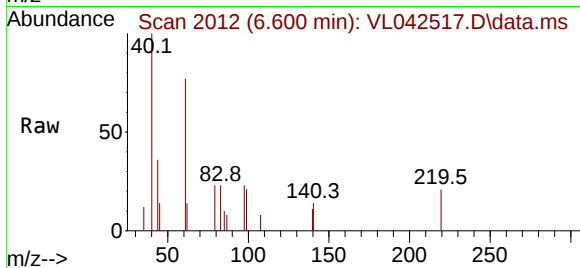
Acq: 07 May 2025 14:29

Instrument :

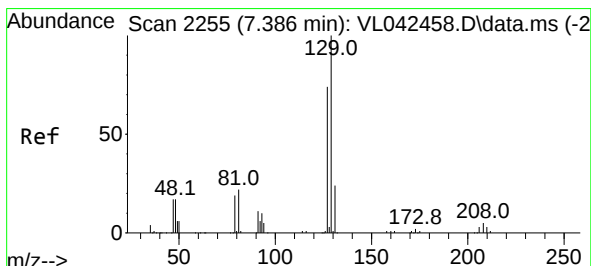
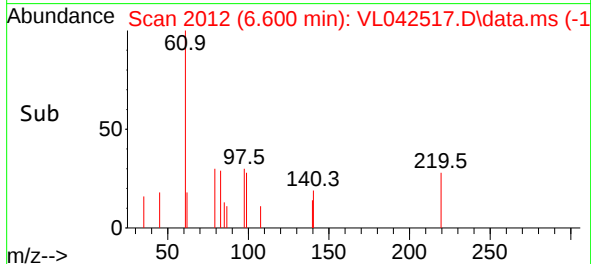
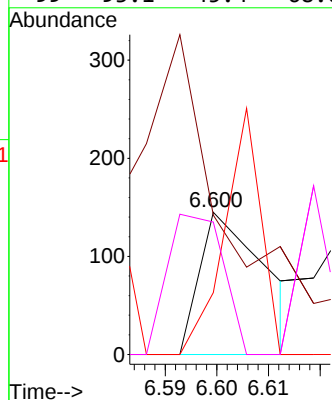
MSVOA_L

ClientSampleId :

MDL3 0.03



Tgt Ion:	97	Resp:	64
Ion	Ratio	Lower	Upper
97	100		
83	22.1	62.2	93.2#
85	43.4	41.5	62.3
99	93.1	45.4	68.0#



#48

Dibromochloromethane

Concen: 0.008 ppbv

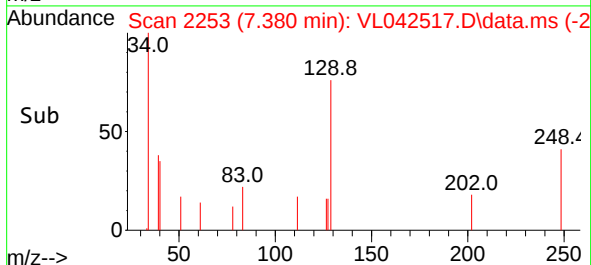
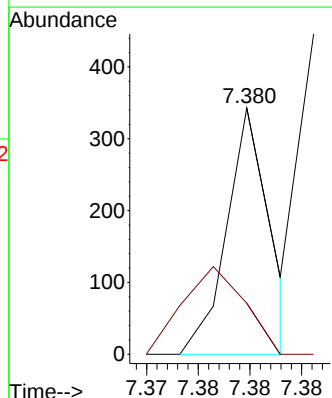
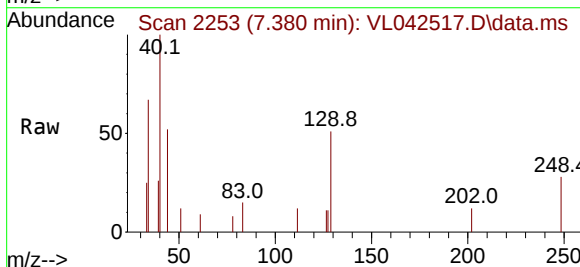
RT: 7.380 min Scan# 2253

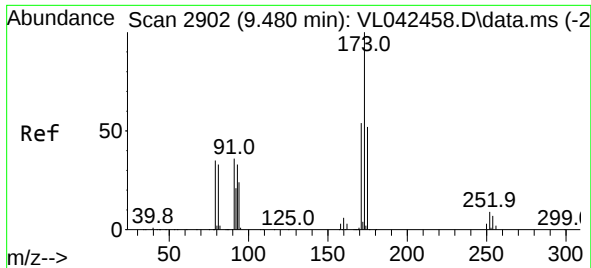
Delta R.T. -0.006 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Tgt Ion:	129	Resp:	100
Ion	Ratio	Lower	Upper
129	100		
127	46.0	39.5	118.5





#49

Bromoform

Concen: 0.011 ppbv

RT: 9.506 min Scan# 2902

Delta R.T. 0.026 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03

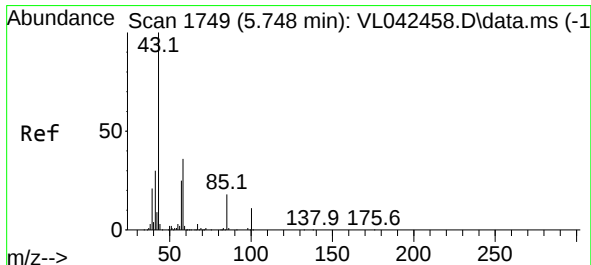
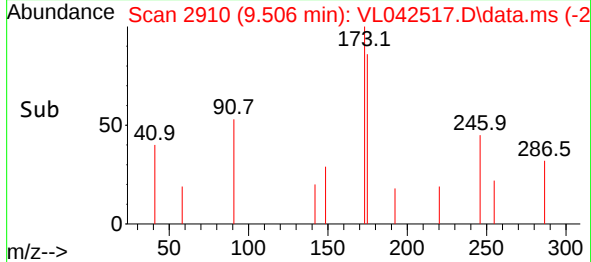
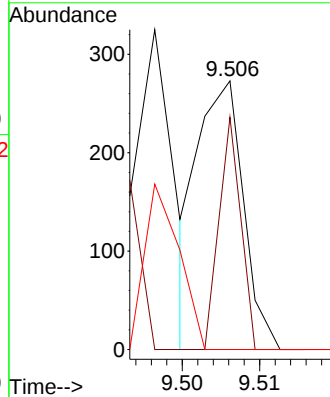
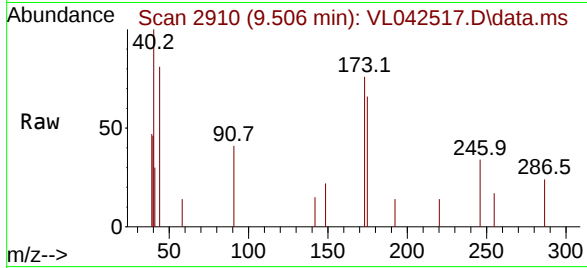
Tgt Ion:173 Resp: 109

Ion Ratio Lower Upper

173 100

175 114.7 38.9 58.3#

171 0.0 40.6 60.8#



#50

4-Methyl-2-Pentanone

Concen: 0.002 ppbv

RT: 5.771 min Scan# 1756

Delta R.T. 0.023 min

Lab File: VL042517.D

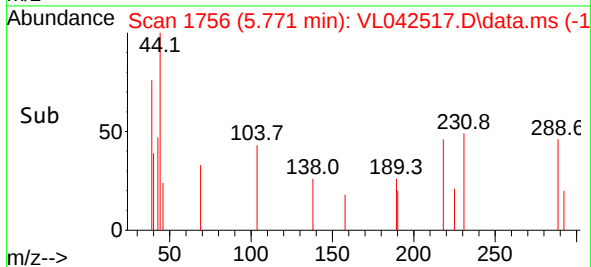
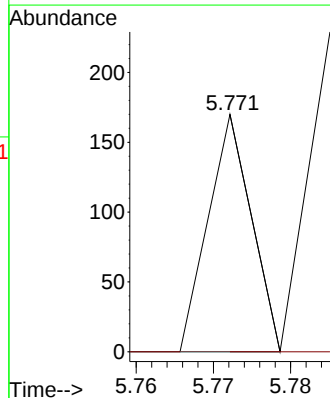
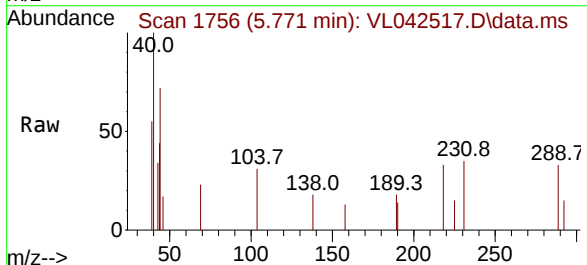
Acq: 07 May 2025 14:29

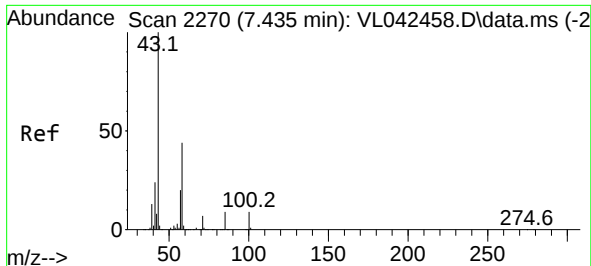
Tgt Ion: 43 Resp: 33

Ion Ratio Lower Upper

43 100

58 90.9 29.5 44.3#

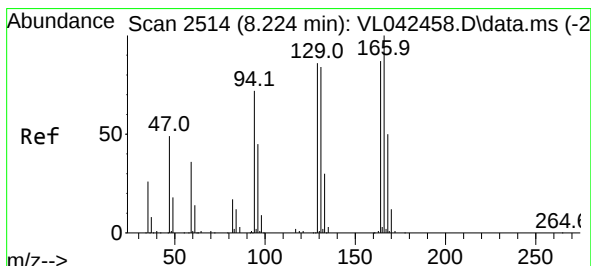
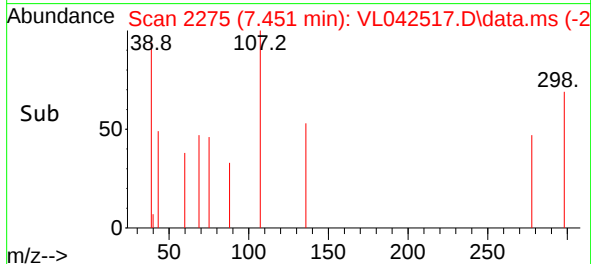
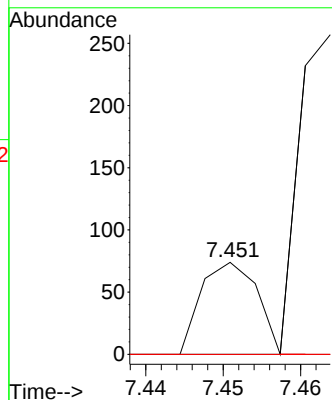
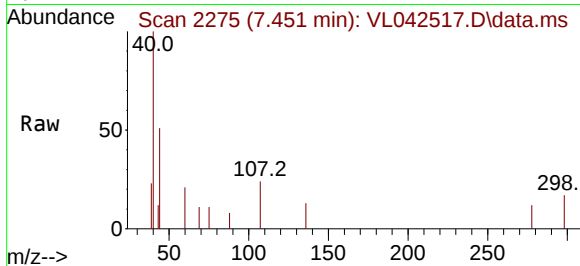




#51
2-Hexanone
Concen: 0.003 ppbv
RT: 7.451 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

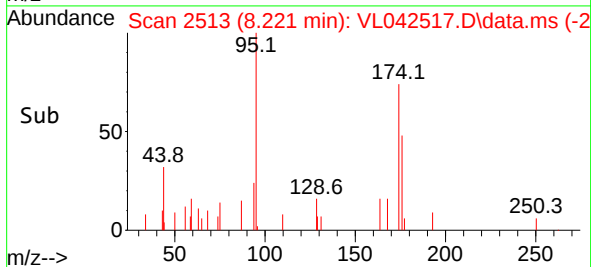
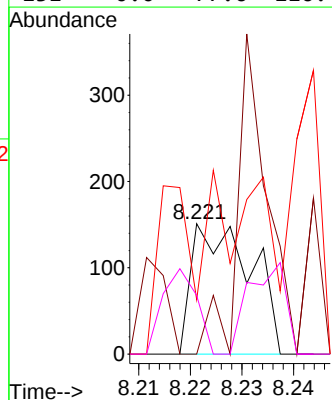
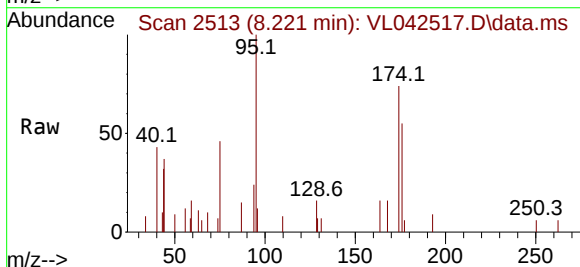
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

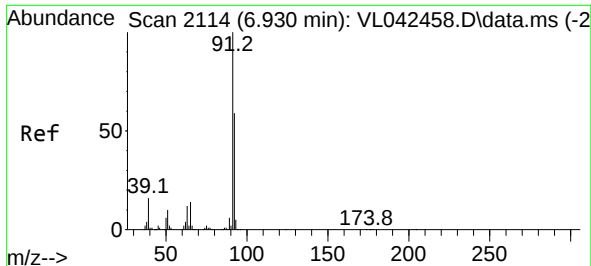
Tgt Ion: 43 Resp: 37
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.018 ppbv
RT: 8.221 min Scan# 2513
Delta R.T. -0.003 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

Tgt Ion: 164 Resp: 120
Ion Ratio Lower Upper
164 100
166 0.0 91.6 137.4#
129 0.0 79.0 118.4#
131 0.0 77.6 116.4#

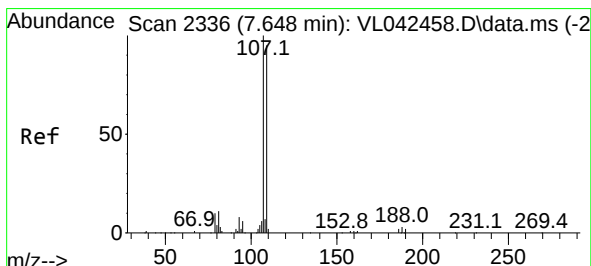
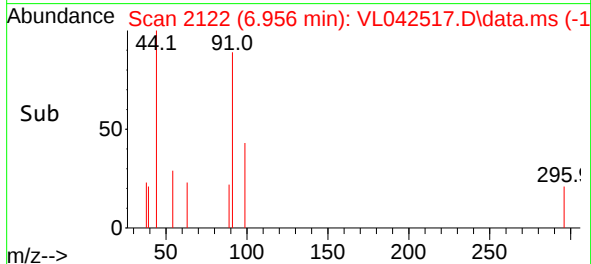
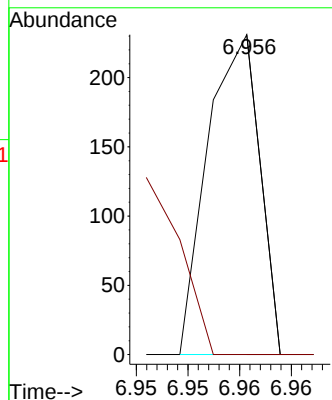
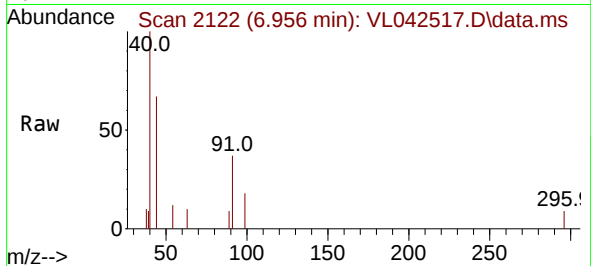




#53
Toluene
Concen: 0.004 ppbv
RT: 6.956 min Scan# 2114
Delta R.T. 0.026 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

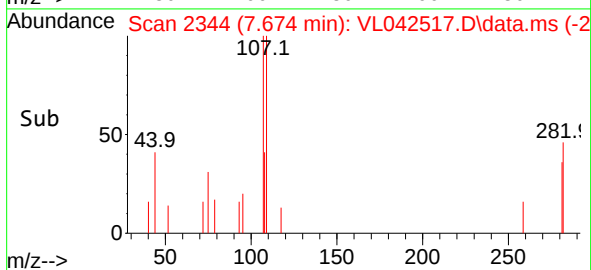
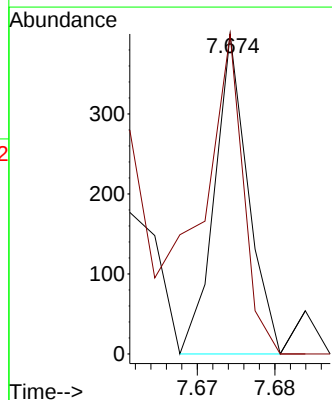
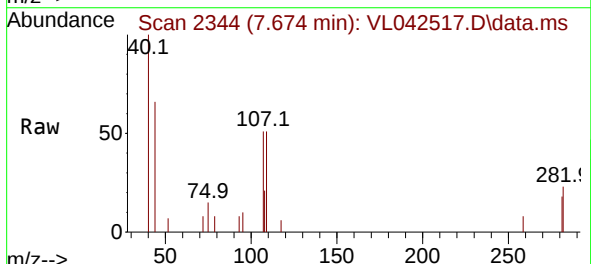
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

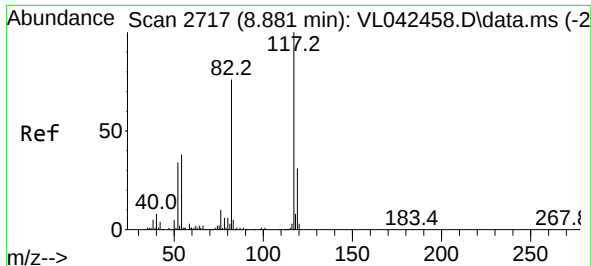
Tgt Ion: 91 Resp: 81
Ion Ratio Lower Upper
91 100
92 66.7 47.9 71.9



#54
1,2-Dibromoethane
Concen: 0.011 ppbv
RT: 7.674 min Scan# 2344
Delta R.T. 0.026 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

Tgt Ion: 107 Resp: 120
Ion Ratio Lower Upper
107 100
109 100.0 76.0 114.0

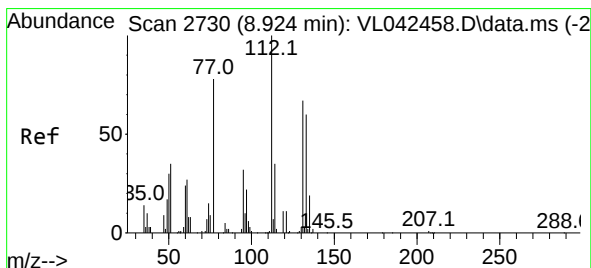
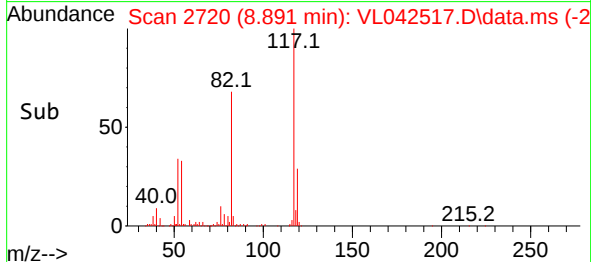
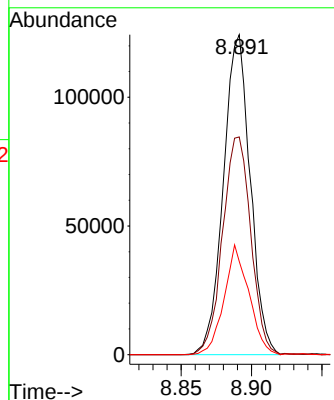
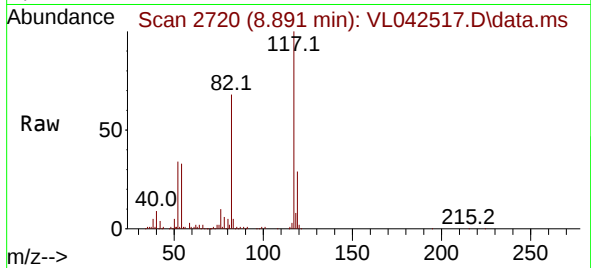




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

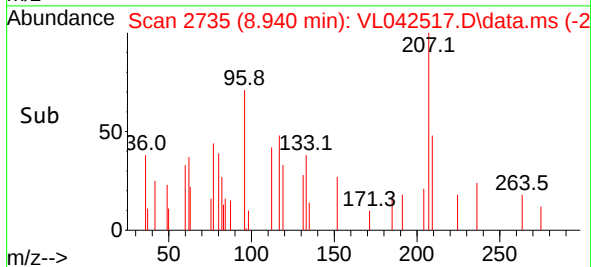
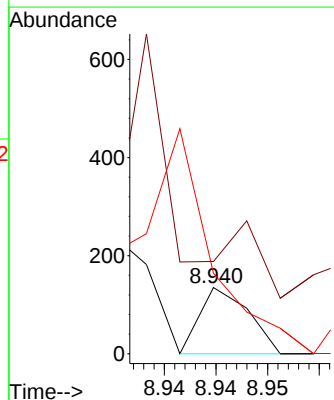
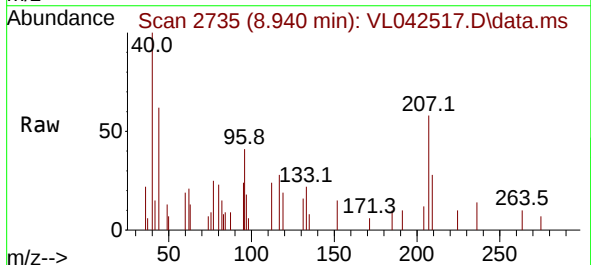
Instrument :
MSVOA_1
ClientSampleId :
MDL3 0.03

Tgt Ion:117 Resp: 165012
Ion Ratio Lower Upper
117 100
82 71.8 63.5 95.3
119 31.9 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.005 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. 0.016 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

Tgt Ion:131 Resp: 44
Ion Ratio Lower Upper
131 100
133 1111.4 76.0 114.0#
119 0.0 46.1 69.1#





#57

Chlorobenzene

Concen: 0.016 ppbv

RT: 8.937 min Scan# 21

Delta R.T. 0.016 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03

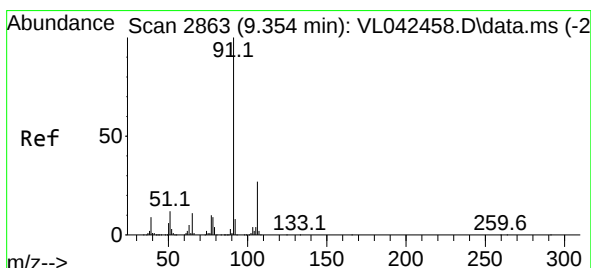
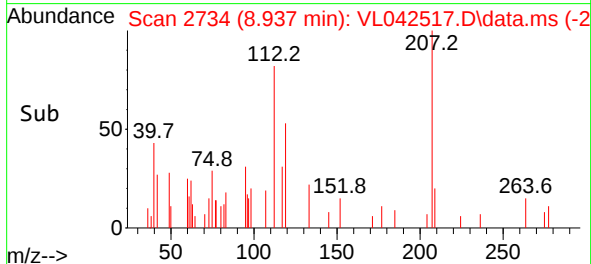
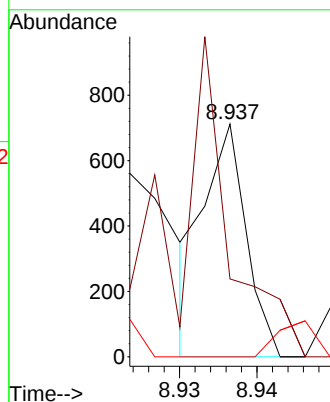
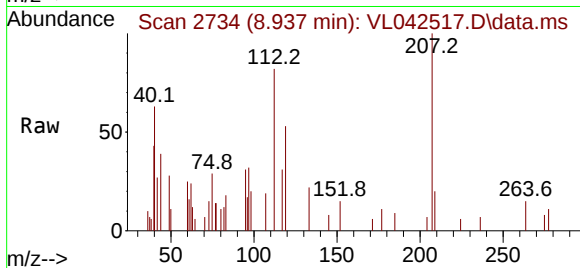
Tgt Ion:112 Resp: 267

Ion Ratio Lower Upper

112 100

77 20.6 65.0 97.4#

114 0.0 27.5 33.7#



#58

Ethyl Benzene

Concen: 0.015 ppbv

RT: 9.558 min Scan# 2926

Delta R.T. 0.204 min

Lab File: VL042517.D

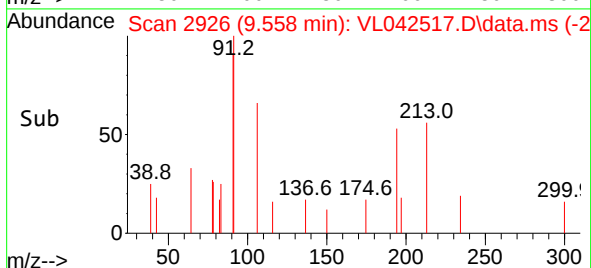
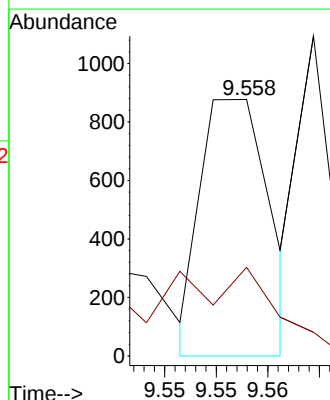
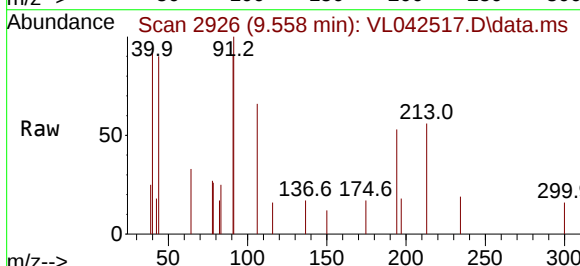
Acq: 07 May 2025 14:29

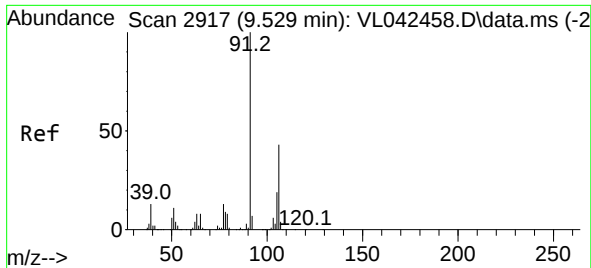
Tgt Ion: 91 Resp: 411

Ion Ratio Lower Upper

91 100

106 22.3 21.9 32.9

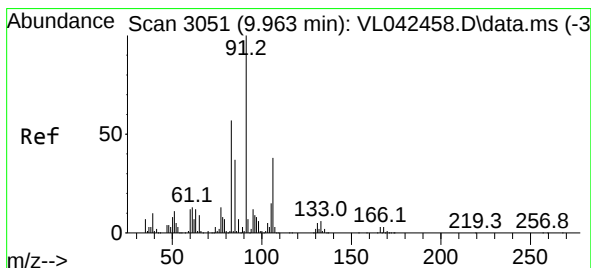
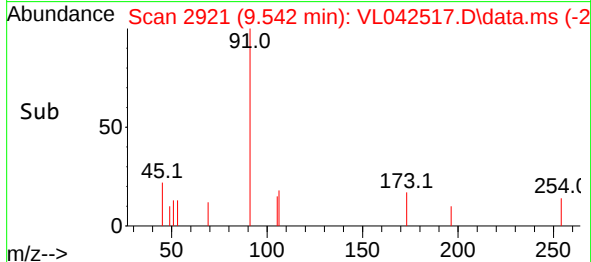
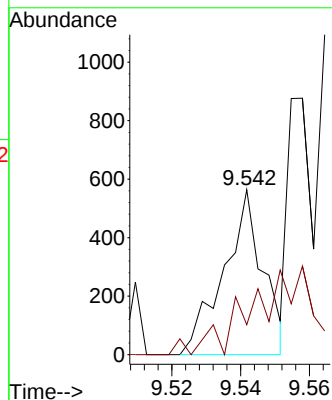
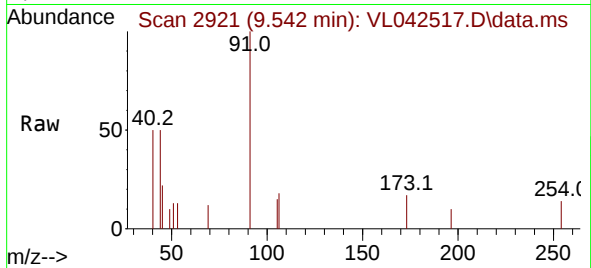




#59
m/p-Xylene
Concen: 0.019 ppbv
RT: 9.542 min Scan# 2917
Delta R.T. 0.013 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

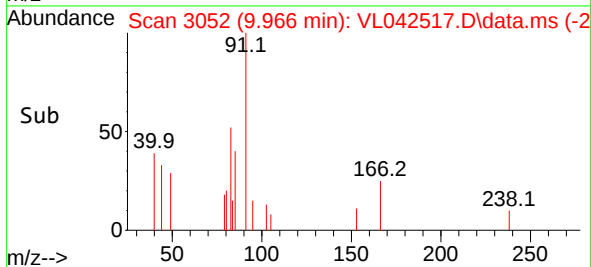
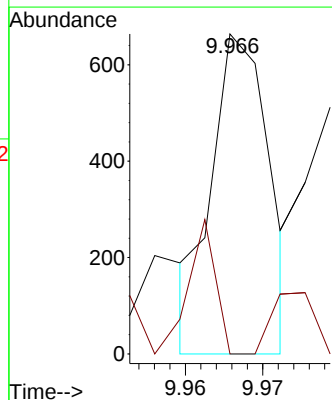
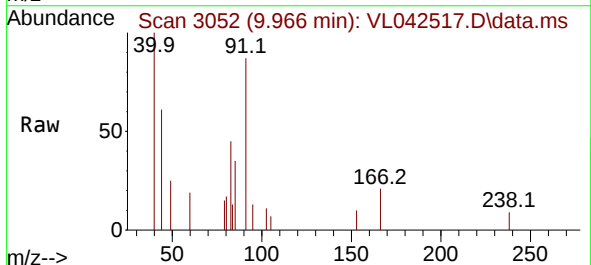
Instrument :
MSVOA_1
ClientSampleId :
MDL3 0.03

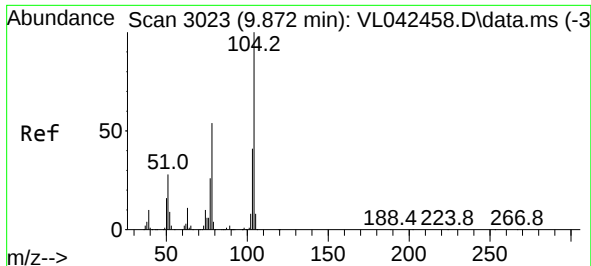
Tgt Ion: 91 Resp: 445
Ion Ratio Lower Upper
91 100
106 0.0 34.2 51.2#



#60
o-Xylene
Concen: 0.015 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

Tgt Ion: 91 Resp: 343
Ion Ratio Lower Upper
91 100
106 32.1 20.1 60.2

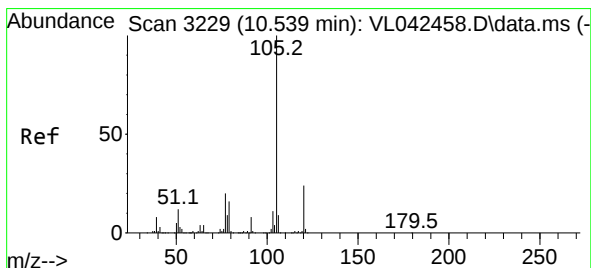
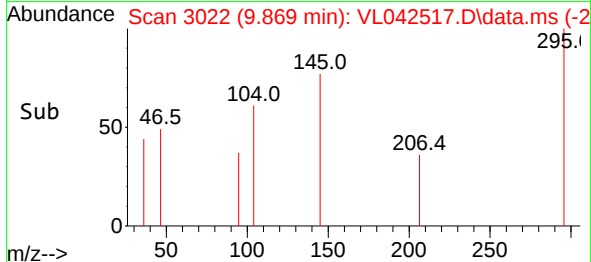
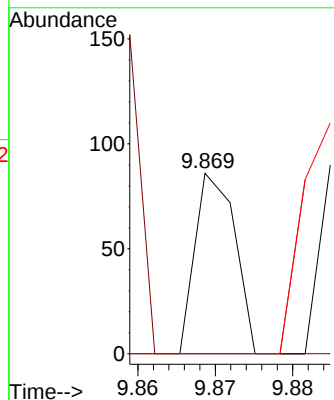
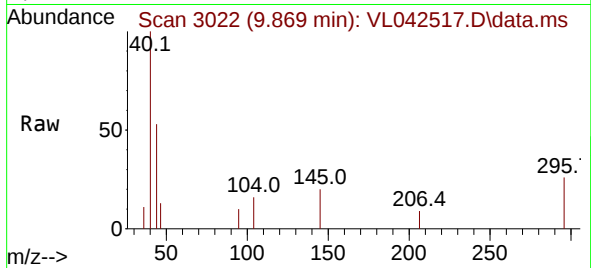




#61
Styrene
Concen: 0.004 ppbv
RT: 9.869 min Scan# 3183
Delta R.T. -0.003 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

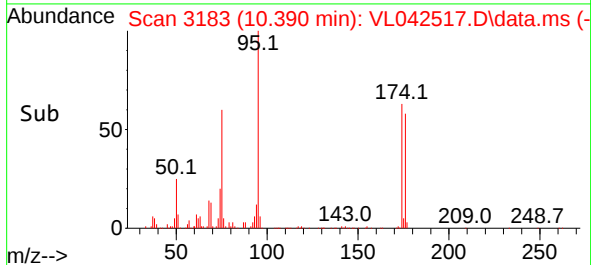
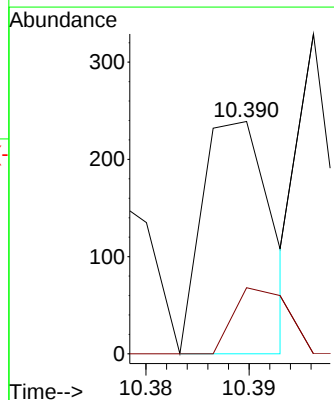
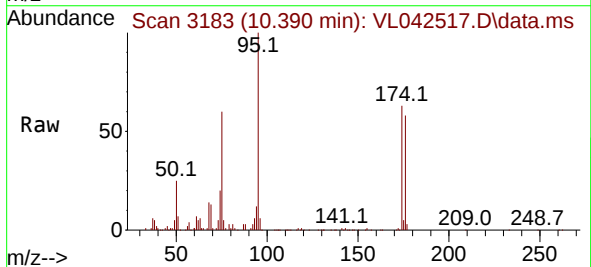
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

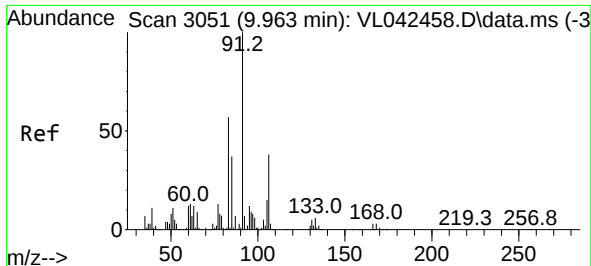
Tgt Ion:104 Resp: 31
Ion Ratio Lower Upper
104 100
78 196.8 46.9 70.3#
103 0.0 36.6 55.0#



#62
Isopropylbenzene
Concen: 0.003 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. -0.149 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

Tgt Ion:105 Resp: 113
Ion Ratio Lower Upper
105 100
120 22.1 18.8 28.2





#63

1,1,2-Tetrachloroethane

Concen: 0.026 ppbv

RT: 9.975 min Scan# 3055

Delta R.T. 0.013 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03

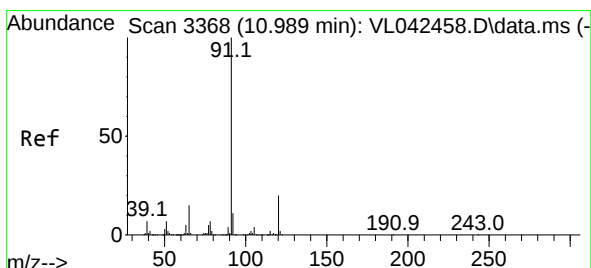
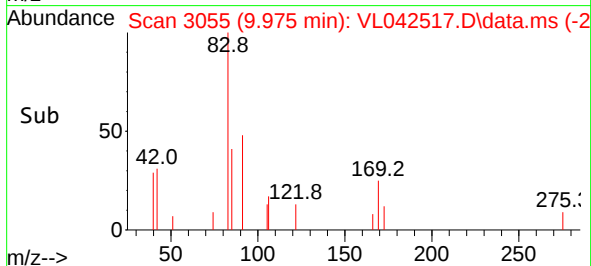
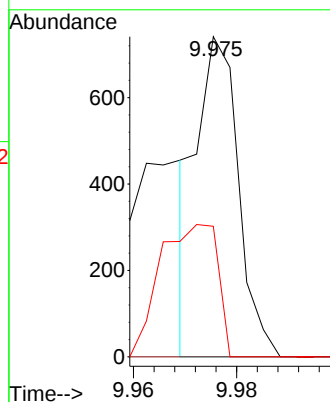
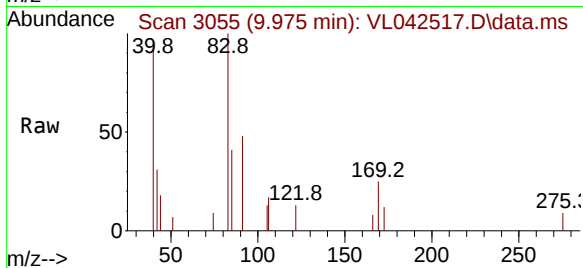
Tgt Ion: 83 Resp: 411

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

85 65.2 32.5 97.4



#64

n-propylbenzene

Concen: 0.017 ppbv

RT: 10.992 min Scan# 3369

Delta R.T. 0.003 min

Lab File: VL042517.D

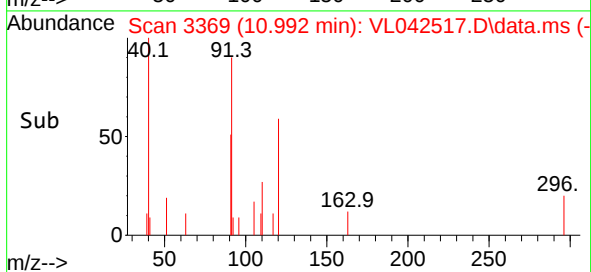
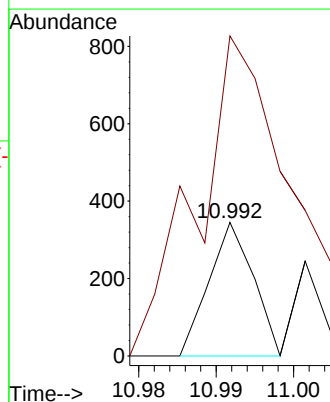
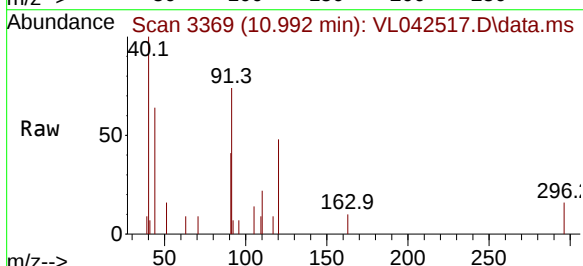
Acq: 07 May 2025 14:29

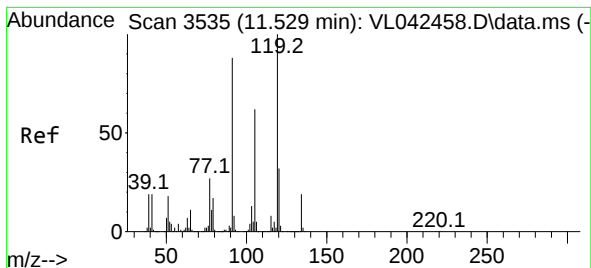
Tgt Ion: 120 Resp: 137

Ion Ratio Lower Upper

120 100

91 527.7 408.6 612.8





#65

tert-Butylbenzene

Concen: 0.008 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.013 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

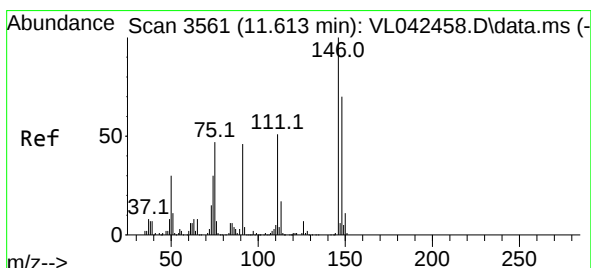
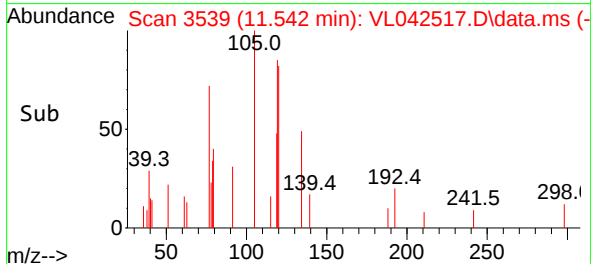
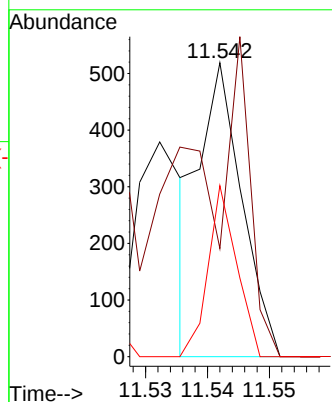
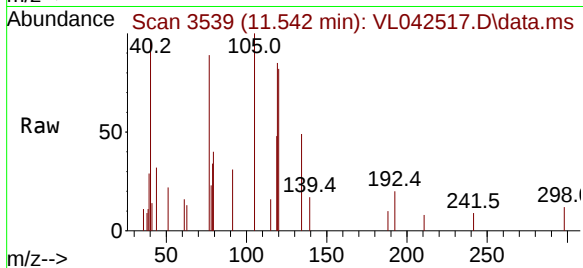
Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03

Tgt Ion:	119	Resp:	245
Ion	Ratio	Lower	Upper
119	100		
91	217.6	71.6	107.4#
134	43.7	15.0	22.4#



#66

Benzyl Chloride

Concen: 0.026 ppbv

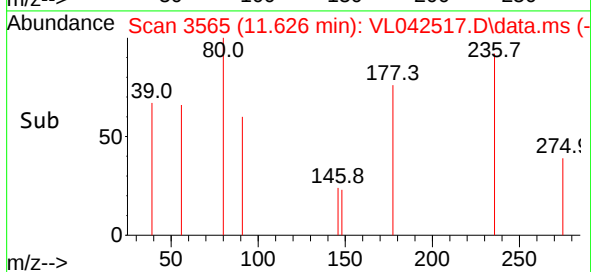
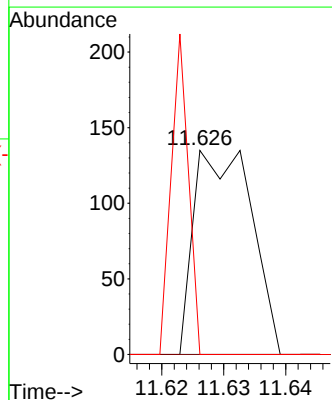
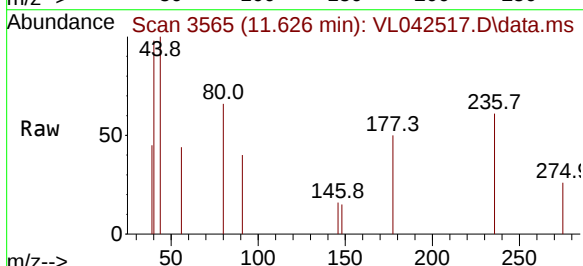
RT: 11.626 min Scan# 3565

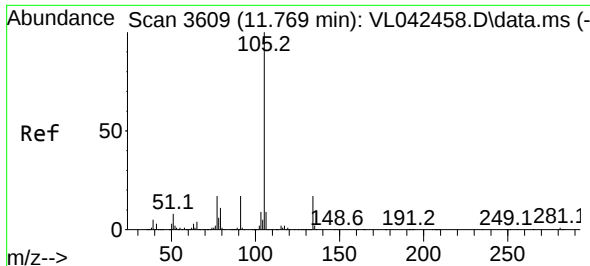
Delta R.T. 0.013 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Tgt Ion:	91	Resp:	88
Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.3	19.9#
128	43.2	4.2	6.4#

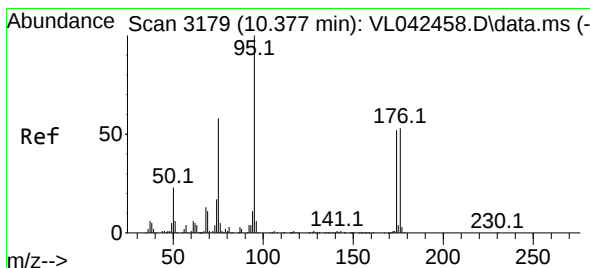
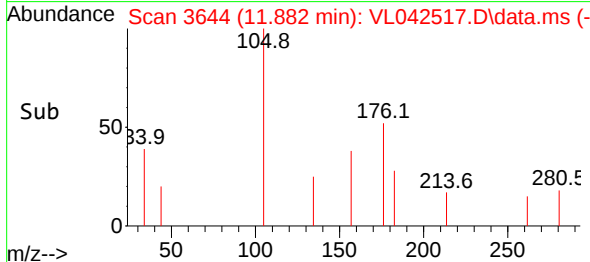
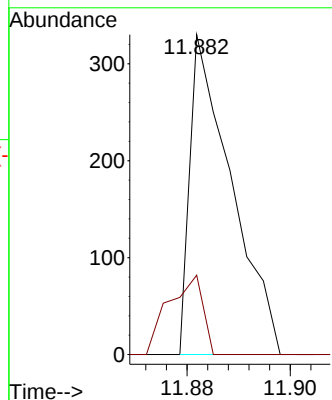
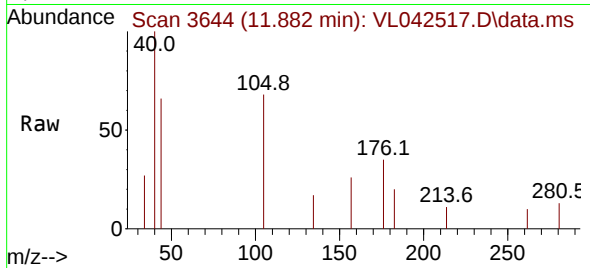




#67
 sec-Butylbenzene
 Concen: 0.004 ppbv
 RT: 11.882 min Scan# 3644
 Delta R.T. 0.113 min
 Lab File: VL042517.D
 Acq: 07 May 2025 14:29

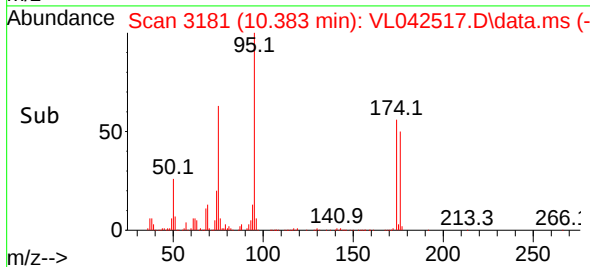
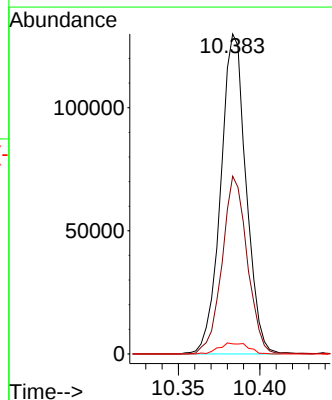
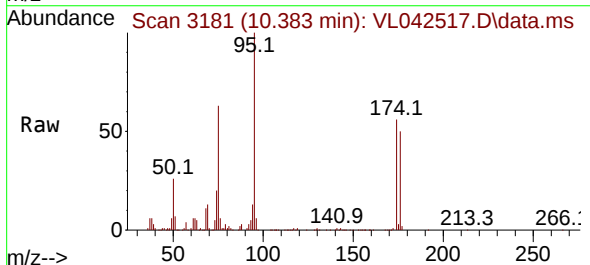
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.03

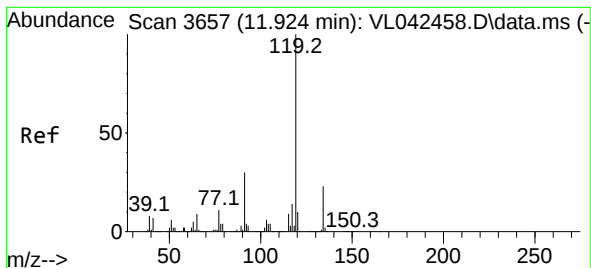
Tgt Ion:105 Resp: 184
 Ion Ratio Lower Upper
 105 100
 134 20.7 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.193 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.006 min
 Lab File: VL042517.D
 Acq: 07 May 2025 14:29

Tgt Ion: 95 Resp: 140644
 Ion Ratio Lower Upper
 95 100
 174 55.4 42.7 64.1
 175 3.9 3.6 5.4





#69

p-Isopropyltoluene

Concen: 0.011 ppbv

RT: 11.934 min Scan# 3

Delta R.T. 0.010 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03

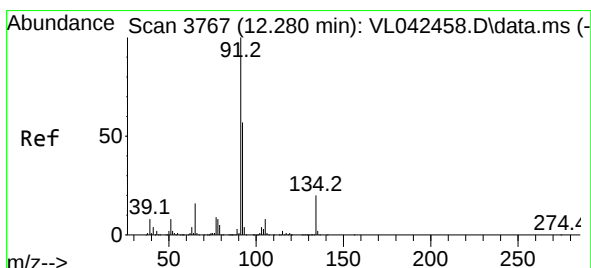
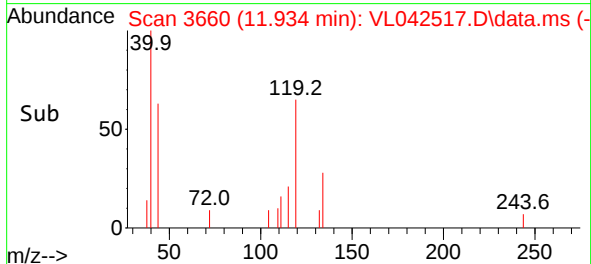
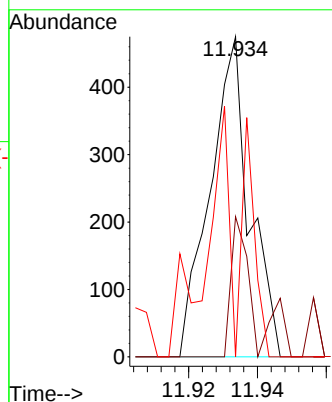
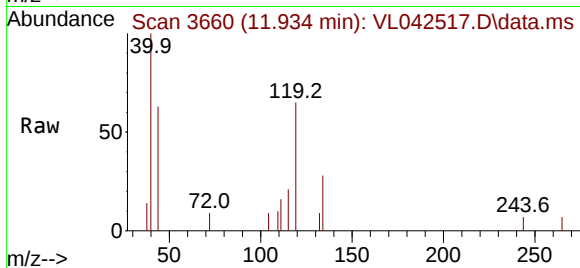
Tgt Ion:119 Resp: 378

Ion Ratio Lower Upper

119 100

134 0.0 19.0 28.4#

91 70.1 25.5 38.3#



#70

n-Butylbenzene

Concen: 0.019 ppbv

RT: 12.286 min Scan# 3769

Delta R.T. 0.006 min

Lab File: VL042517.D

Acq: 07 May 2025 14:29

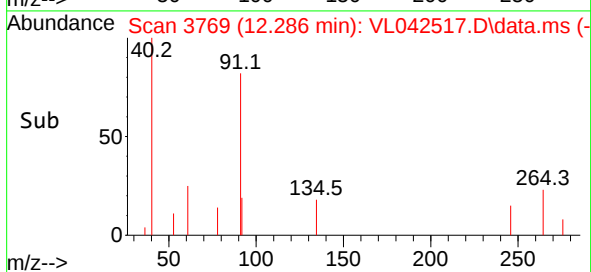
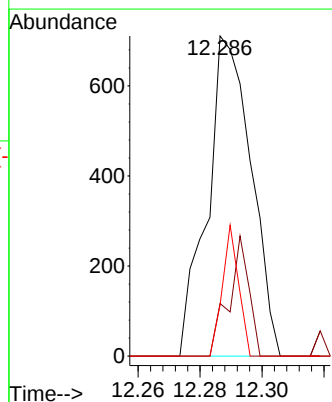
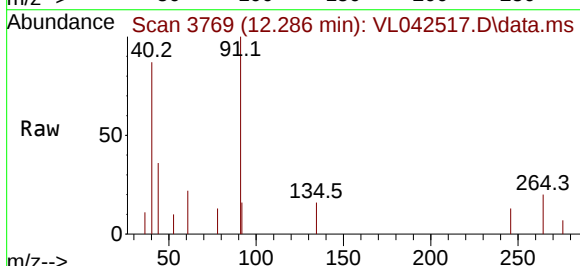
Tgt Ion: 91 Resp: 699

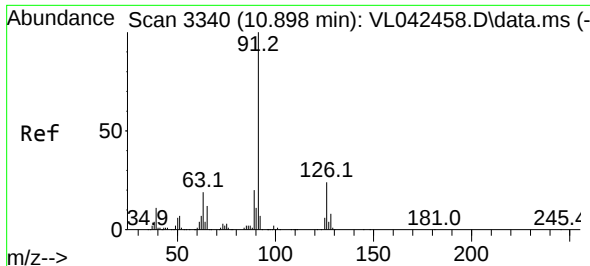
Ion Ratio Lower Upper

91 100

92 17.3 44.0 66.0#

134 15.2 16.8 25.2#

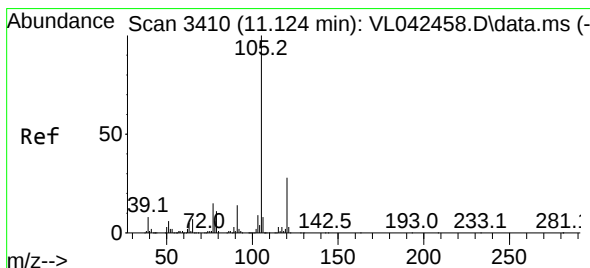
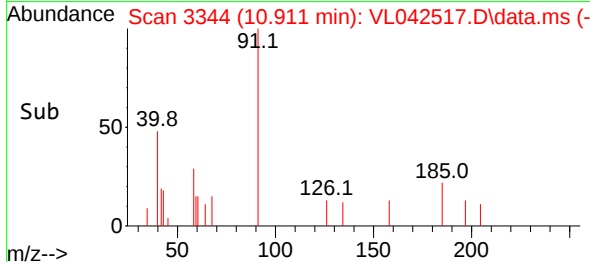
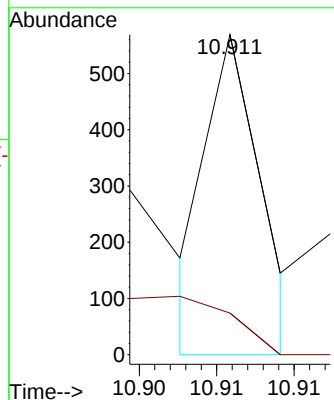
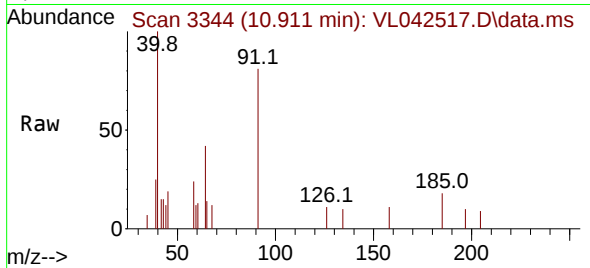




#71
2-Chlorotoluene
Concen: 0.005 ppbv
RT: 10.911 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

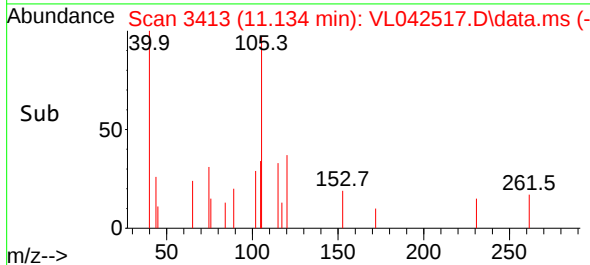
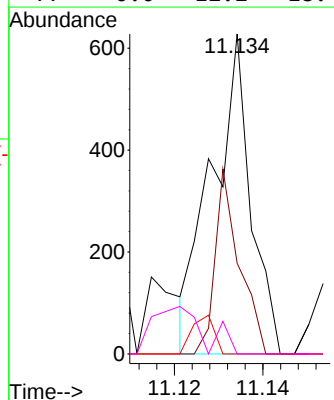
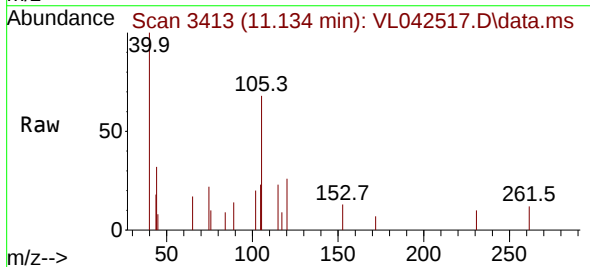
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

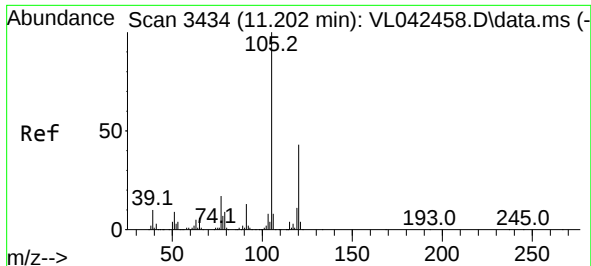
Tgt Ion: 91 Resp: 139
Ion Ratio Lower Upper
91 100
126 38.8 10.6 42.2



#72
4-Ethyltoluene
Concen: 0.014 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. 0.010 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

Tgt Ion: 105 Resp: 382
Ion Ratio Lower Upper
105 100
120 35.9 22.0 33.0#
91 0.0 11.2 16.8#
77 0.0 12.2 18.4#

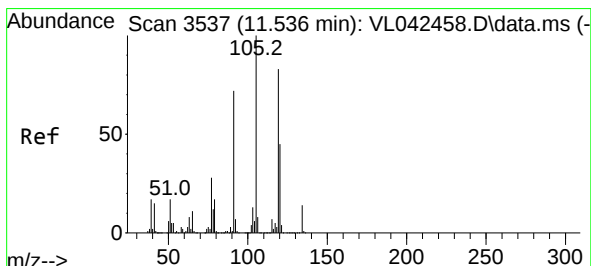
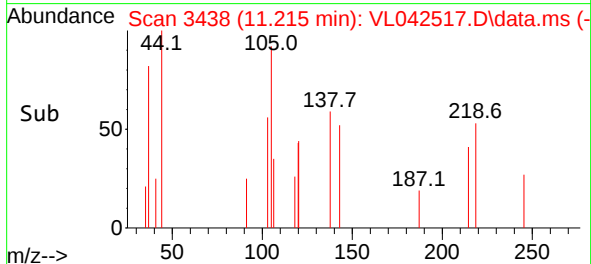
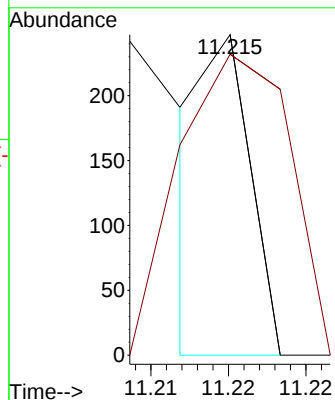
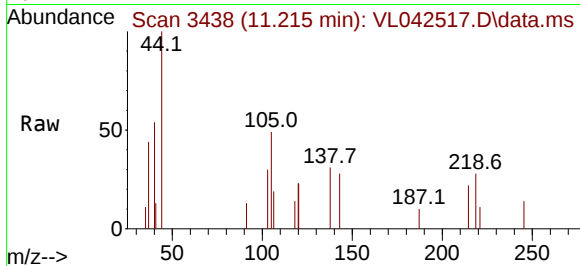




#73
1,3,5-Trimethylbenzene
Concen: 0.002 ppbv
RT: 11.215 min Scan# 3434
Delta R.T. 0.013 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

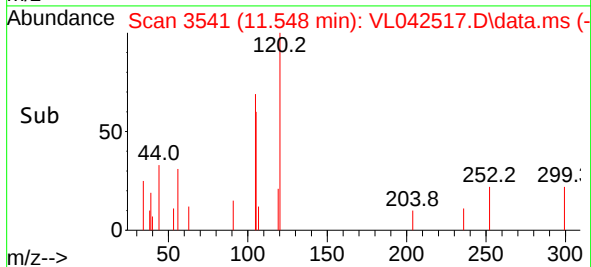
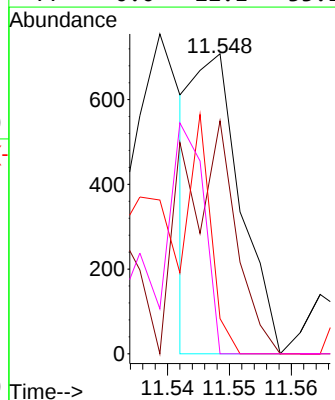
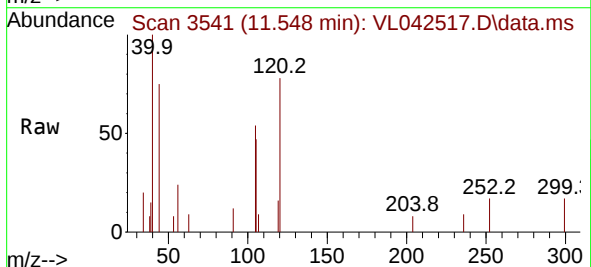
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

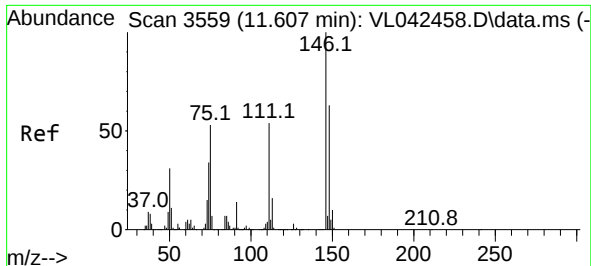
Tgt Ion:105 Resp: 48
Ion Ratio Lower Upper
105 100
120 28.3 34.4 51.6#



#74
1,2,4-Trimethylbenzene
Concen: 0.013 ppbv
RT: 11.548 min Scan# 3541
Delta R.T. 0.013 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

Tgt Ion:105 Resp: 374
Ion Ratio Lower Upper
105 100
120 77.7 36.1 54.1#
91 11.7 57.6 86.4#
77 0.0 22.1 33.1#

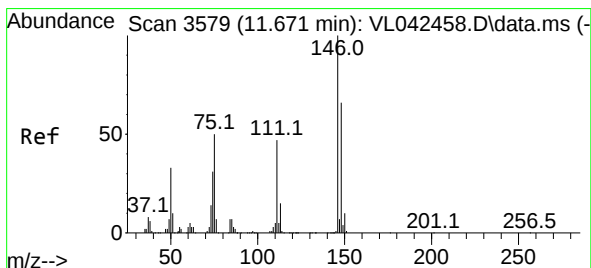
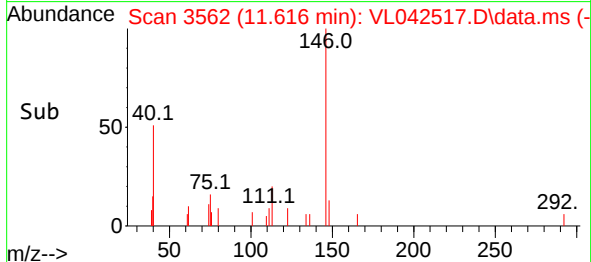
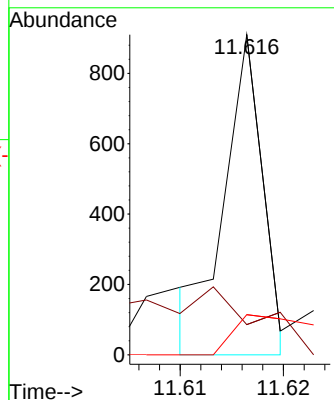
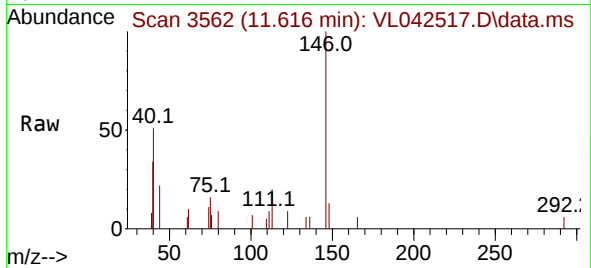




#75
1,3-Dichlorobenzene
Concen: 0.014 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. 0.010 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

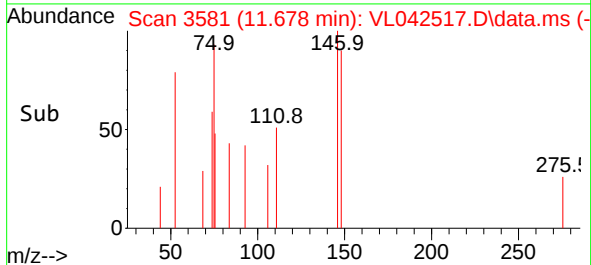
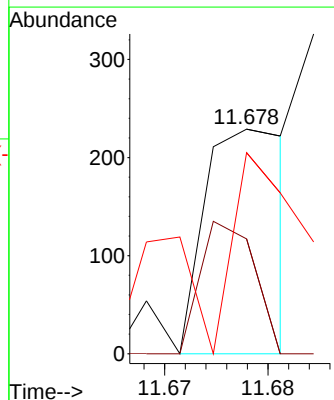
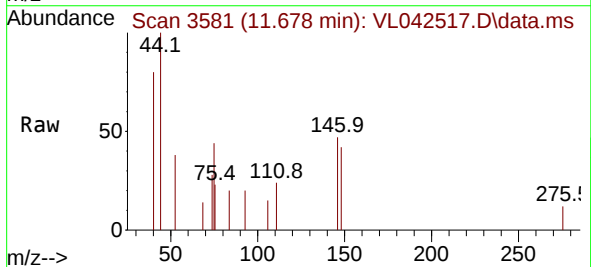
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

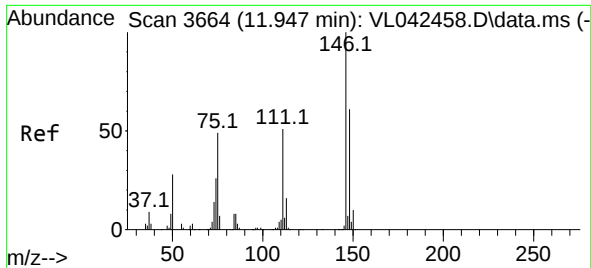
Tgt Ion:146 Resp: 232
Ion Ratio Lower Upper
146 100
111 68.1 26.1 78.3
148 0.0 32.0 96.0#



#76
1,4-Dichlorobenzene
Concen: 0.008 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. 0.006 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

Tgt Ion:146 Resp: 129
Ion Ratio Lower Upper
146 100
111 62.0 24.4 73.2
148 107.8 32.0 96.2#

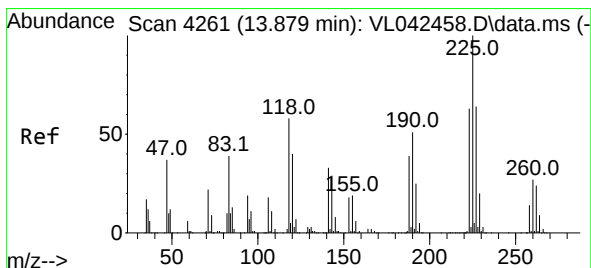
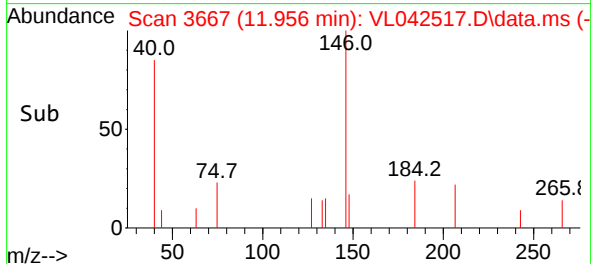
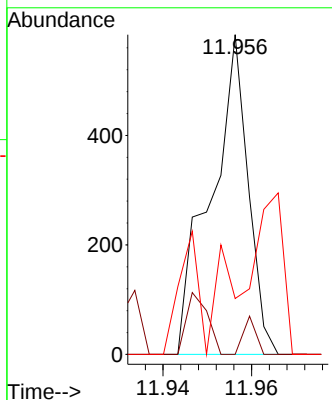
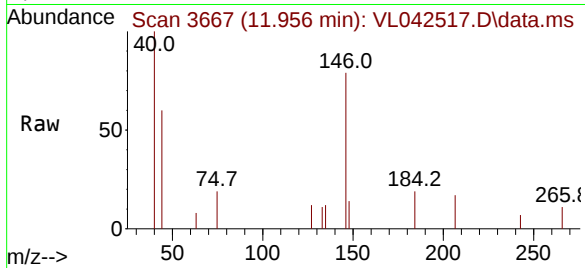




#77
1,2-Dichlorobenzene
Concen: 0.022 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. 0.010 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

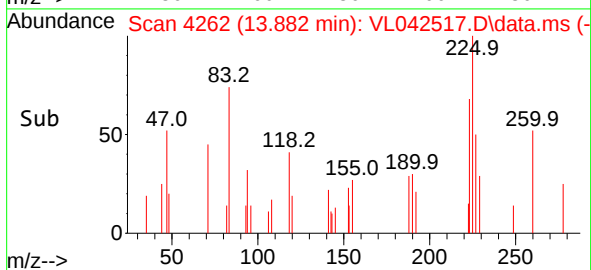
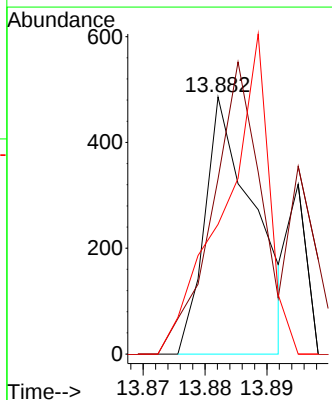
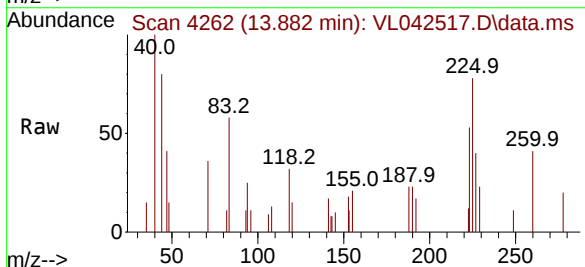
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

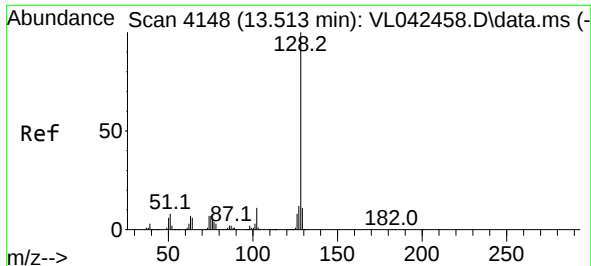
Tgt Ion:146 Resp: 342
Ion Ratio Lower Upper
146 100
111 21.9 26.5 79.5#
148 75.7 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.017 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. 0.003 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

Tgt Ion:225 Resp: 270
Ion Ratio Lower Upper
225 100
223 148.5 50.2 75.4#
227 111.5 51.2 76.8#

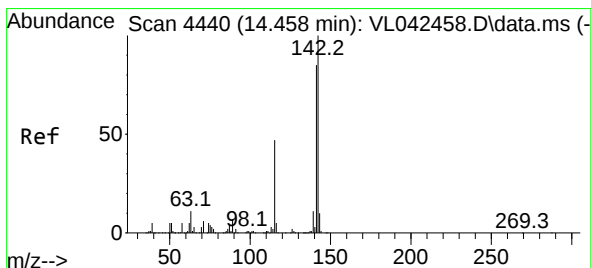
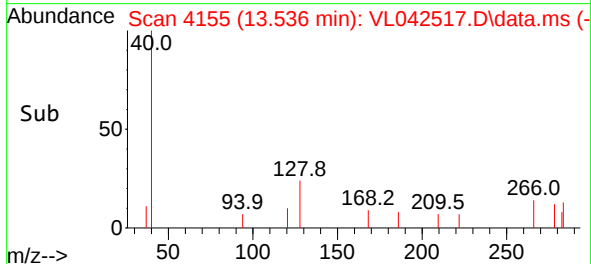
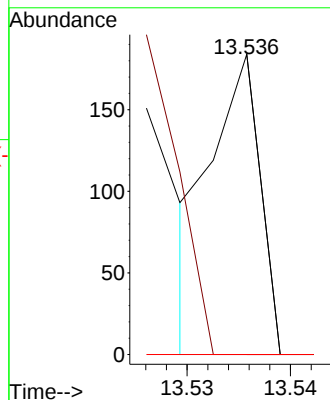
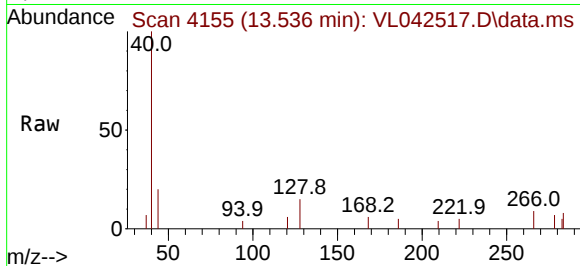




#79
Naphthalene
Concen: 0.002 ppbv
RT: 13.536 min Scan# 4148
Delta R.T. 0.023 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

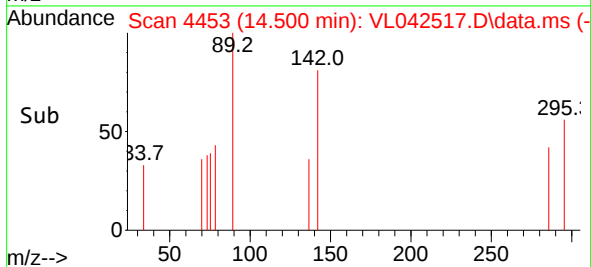
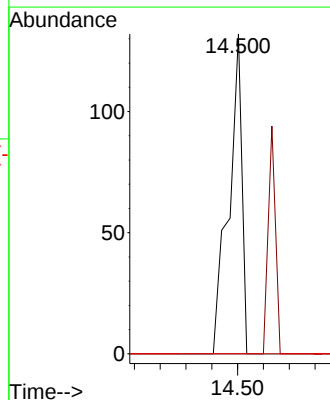
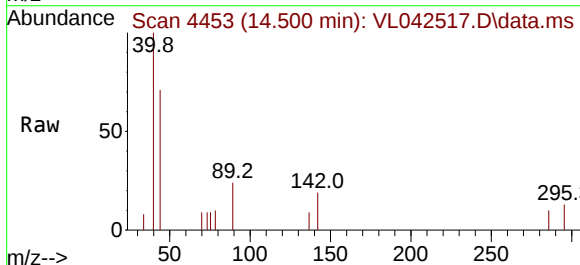
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.03

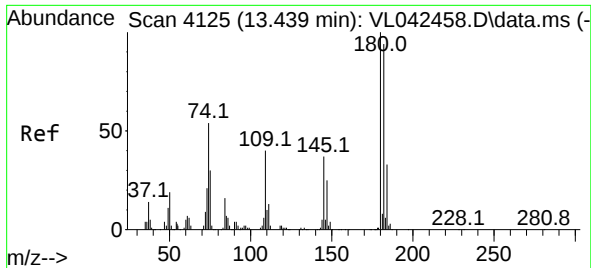
Tgt Ion:128 Resp: 59
Ion Ratio Lower Upper
128 100
127 100.0 9.7 14.5#
129 0.0 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 0.003 ppbv
RT: 14.500 min Scan# 4453
Delta R.T. 0.042 min
Lab File: VL042517.D
Acq: 07 May 2025 14:29

Tgt Ion:142 Resp: 46
Ion Ratio Lower Upper
142 100
141 0.0 67.4 101.0#
115 56.5 36.9 55.3#





#81

1,2,4-Trichlorobenzene

Concen: 0.003 ppbv

RT: 13.452 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL042517.D

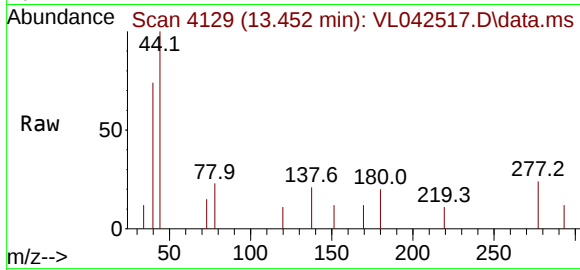
Acq: 07 May 2025 14:29

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.03



Tgt Ion:180 Resp: 36

Ion Ratio Lower Upper

180 100

182 308.3 74.6 111.8#

184 80.6 24.9 37.3#

