

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042498.D
 Acq On : 06 May 2025 16:01
 Operator : SY/MD
 Sample : MDL1 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.03

Quant Time: May 07 02:45:33 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	2.797	49	67566	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.972	114	173266	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.894	117	146037	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	133555	9.864	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	480	0.043	ppbv #	75
3) Chlorodifluoromethane	1.479	51	574	0.049	ppbv #	75
4) Chloromethane	1.534	50	294	0.063	ppbv #	64
5) Vinyl Chloride	1.586	62	87	0.018	ppbv #	1
6) Bromomethane	1.670	94	158	0.071	ppbv #	6
7) Chloroethane	1.706	64	15	0.009	ppbv #	43
8) Dichlorotetrafluoroethane	1.560	85	528	0.057	ppbv	97
9) Propene	1.489	41	217	0.056	ppbv #	16
10) Heptane	5.001	43	251	0.025	ppbv #	26
11) Trichlorofluoromethane	1.884	101	570	0.055	ppbv #	82
12) 1,1,2-Trichlorotrifluo...	2.143	101	503	0.061	ppbv #	81
13) Ethanol	1.894	45	555	0.707	ppbv #	37
14) Bromoethene	1.787	108	217	0.071	ppbv #	42
15) Acetone	1.845	43	1604	0.130	ppbv #	78
16) 1,3-Butadiene	1.612	39	249	0.046	ppbv #	69
17) tert-Butyl alcohol	2.052	59	475	0.044	ppbv #	38
18) 1,1-Dichloroethene	2.039	96	179	0.047	ppbv #	74
19) Isopropyl Alcohol	1.894	45	555	0.081	ppbv #	1
20) Methylene Chloride	2.072	84	950	0.256	ppbv #	73
21) Allyl Chloride	2.107	41	261	0.033	ppbv #	21
22) trans-1,2-Dichloroethene	2.356	96	92	0.020	ppbv #	27
23) Vinyl Acetate	2.473	43	169	0.014	ppbv #	1
24) 1,1-Dichloroethane	2.415	63	302	0.033	ppbv #	69
25) Ethyl Acetate	2.855	43	455	0.023	ppbv #	88
26) Hexane	2.832	57	241	0.028	ppbv #	40
27) Carbon Disulfide	2.156	76	341	0.034	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	84	0.016	ppbv #	1
29) Chloroform	2.855	83	710	0.044	ppbv #	72
30) Cyclohexane	3.871	84	197	0.027	ppbv #	22
31) cis-1,2-Dichloroethene	2.729	61	199	0.020	ppbv #	39
32) 1,1,1-Trichloroethane	3.382	97	334	0.019	ppbv #	47
34) 2-Butanone	2.573	43	672	0.054	ppbv #	65
35) Carbon Tetrachloride	3.777	117	359	0.023	ppbv #	57
36) Benzene	3.667	78	389	0.024	ppbv #	52
37) 1,2-Dichloroethane	3.230	62	202	0.016	ppbv #	84
38) Trichloroethene	4.554	130	144	0.023	ppbv #	15
39) 1,2-Dichloropropane	3.968	63	50960	8.325	ppbv #	20
40) 1,4-Dioxane	5.062	88	27	0.009	ppbv #	100
41) Tetrahydrofuran	3.069	42	133	0.022	ppbv #	34
42) Bromodichloromethane	4.506	83	269	0.017	ppbv #	96
43) Methyl Methacrylate	4.900	69	90	0.015	ppbv #	44
44) 2,2,4-Trimethylpentane	4.651	57	125	0.005	ppbv #	1
45) t-1,3-Dichloropropene	6.441	75	66	0.008	ppbv #	42

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
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 Sample : MDL1 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

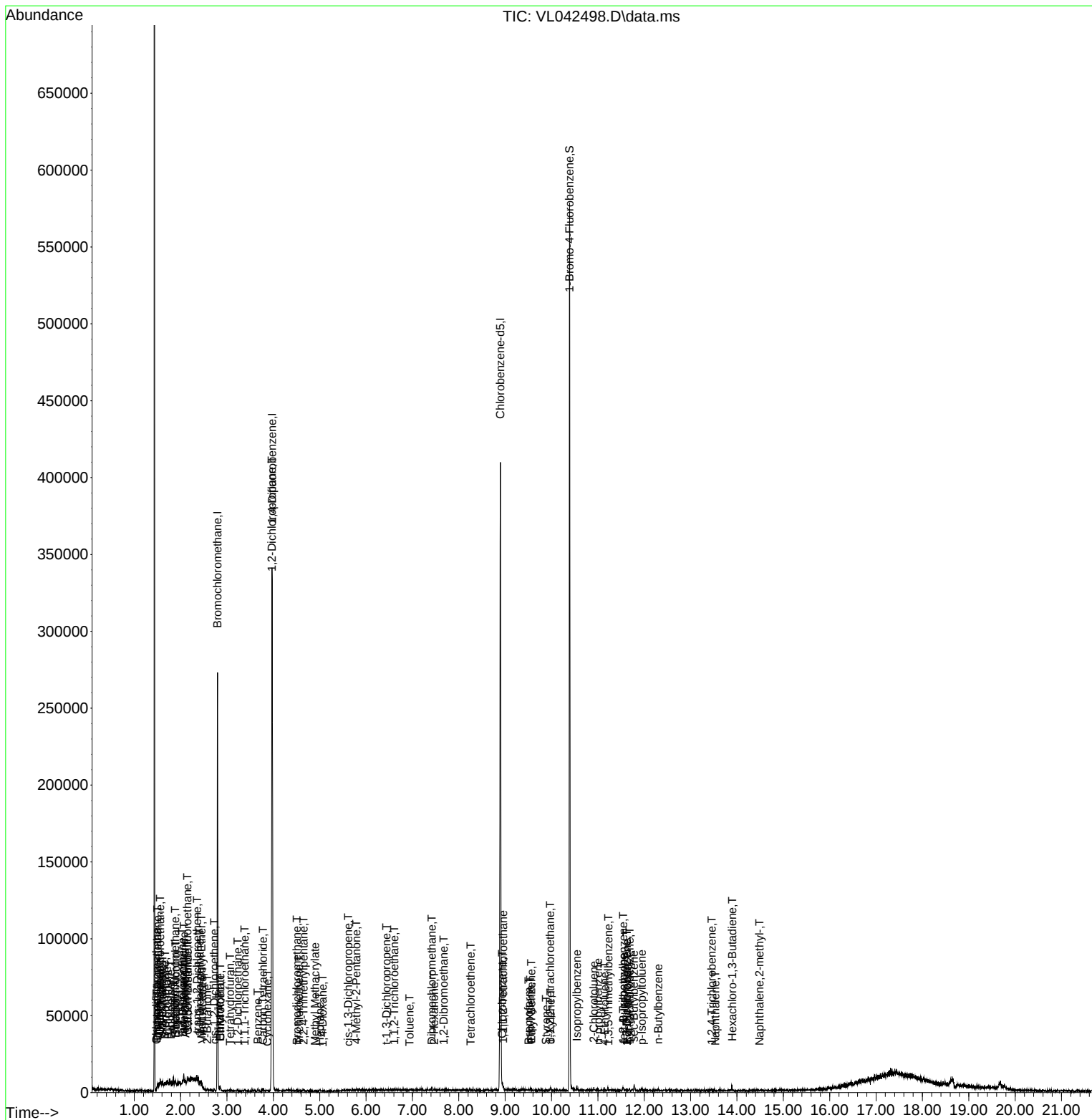
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.03

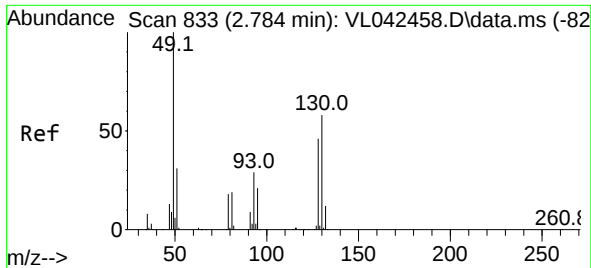
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.616	75	31	0.003	ppbv	#	24
47) 1,1,2-Trichloroethane	6.606	97	119	0.018	ppbv	#	43
48) Dibromochloromethane	7.419	129	218	0.019	ppbv	#	3
49) Bromoform	9.506	173	23	0.002	ppbv	#	1
50) 4-Methyl-2-Pentanone	5.791	43	73	0.005	ppbv	#	38
51) 2-Hexanone	7.467	43	65	0.005	ppbv	#	31
52) Tetrachloroethene	8.254	164	11	0.002	ppbv	#	12
53) Toluene	6.940	91	150	0.009	ppbv		91
54) 1,2-Dibromoethane	7.674	107	97	0.009	ppbv	#	56
56) 1,1,1,2-Tetrachloroethane	8.953	131	85	0.010	ppbv	#	10
57) Chlorobenzene	8.933	112	435	0.030	ppbv	#	67
58) Ethyl Benzene	9.564	91	472	0.019	ppbv		92
59) m/p-Xylene	9.545	91	454	0.022	ppbv	#	20
60) o-Xylene	9.982	91	258	0.013	ppbv	#	35
61) Styrene	9.885	104	91	0.012	ppbv	#	26
62) Isopropylbenzene	10.548	105	832	0.028	ppbv		99
63) 1,1,2,2-Tetrachloroethane	9.972	83	314	0.022	ppbv		82
64) n-propylbenzene	11.008	120	61	0.008	ppbv	#	1
65) tert-Butylbenzene	11.552	119	227	0.009	ppbv	#	14
66) Benzyl Chloride	11.642	91	52	0.017	ppbv	#	1
67) sec-Butylbenzene	11.775	105	497	0.013	ppbv		99
69) p-Isopropyltoluene	11.947	119	186	0.006	ppbv	#	52
70) n-Butylbenzene	12.303	91	139	0.004	ppbv	#	17
71) 2-Chlorotoluene	10.914	91	325	0.014	ppbv		77
72) 4-Ethyltoluene	11.144	105	107	0.004	ppbv	#	56
73) 1,3,5-Trimethylbenzene	11.225	105	118	0.006	ppbv	#	33
74) 1,2,4-Trimethylbenzene	11.545	105	458	0.018	ppbv	#	56
75) 1,3-Dichlorobenzene	11.626	146	232	0.016	ppbv		81
76) 1,4-Dichlorobenzene	11.684	146	222	0.016	ppbv	#	27
77) 1,2-Dichlorobenzene	11.626	146	232	0.017	ppbv		80
78) Hexachloro-1,3-Butadiene	13.895	225	153	0.011	ppbv	#	19
79) Naphthalene	13.533	128	108	0.005	ppbv	#	69
80) Naphthalene,2-methyl-	14.484	142	12	0.001	ppbv	#	1
81) 1,2,4-Trichlorobenzene	13.455	180	66	0.006	ppbv	#	47

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

Quant Time: May 07 02:45:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 02 03:16:31 2025
Response via : Initial Calibration

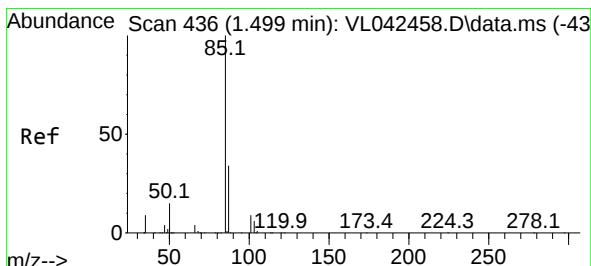
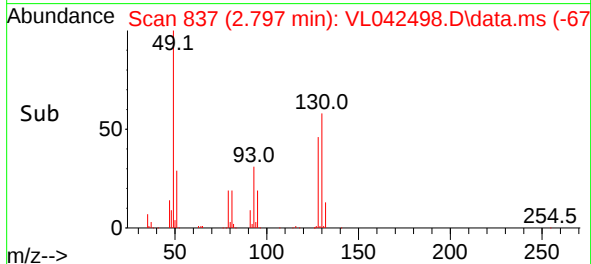
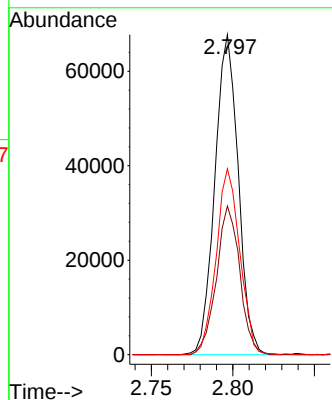
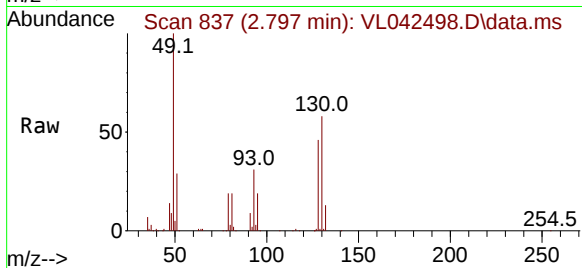




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

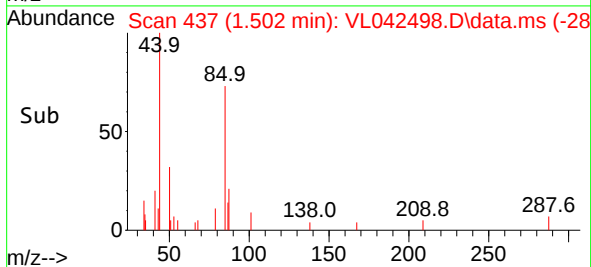
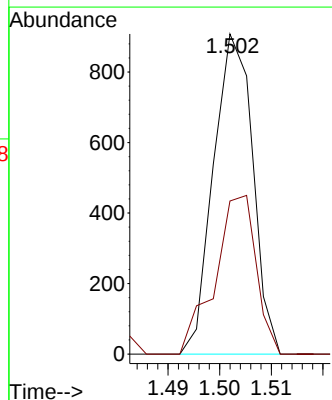
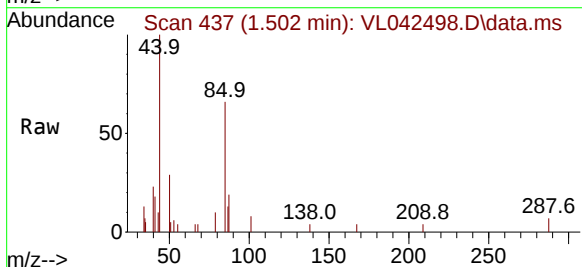
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

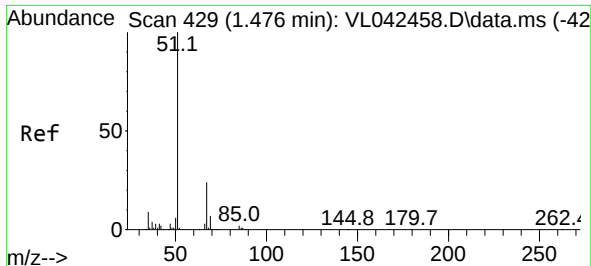
Tgt Ion: 49 Resp: 67566
Ion Ratio Lower Upper
49 100
128 46.3 23.3 69.9
130 58.8 29.5 88.6



#2
Dichlorodifluoromethane
Concen: 0.043 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion: 85 Resp: 480
Ion Ratio Lower Upper
85 100
87 47.8 26.9 40.3#

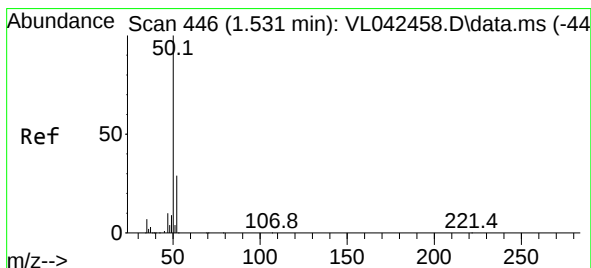
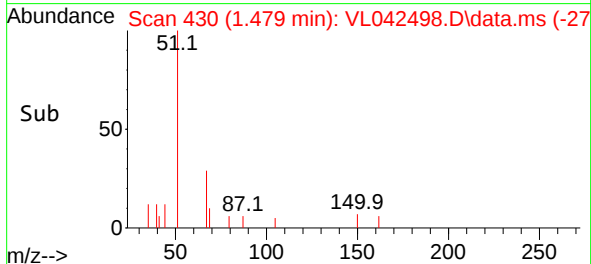
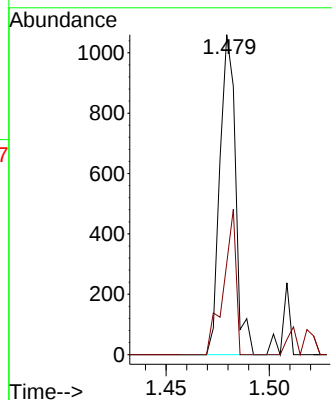
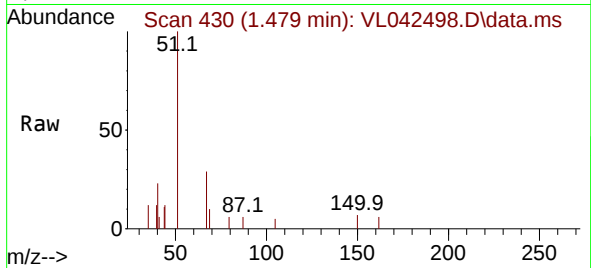




#3
Chlorodifluoromethane
Concen: 0.049 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

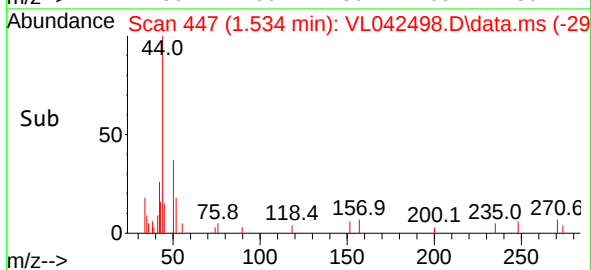
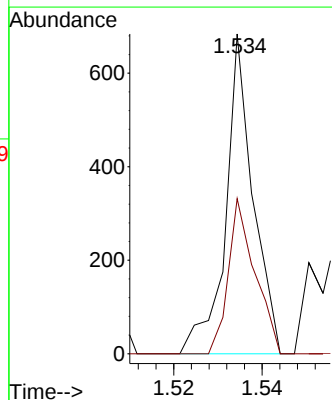
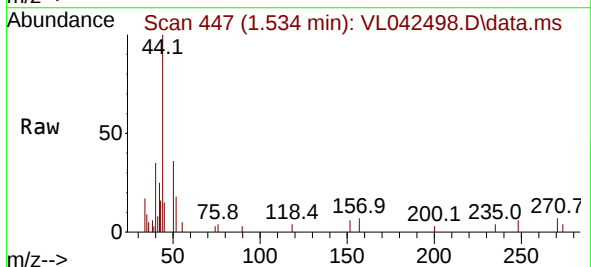
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

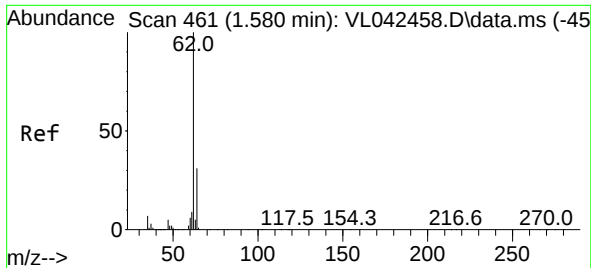
Tgt Ion: 51 Resp: 574
Ion Ratio Lower Upper
51 100
67 35.4 18.4 27.6#



#4
Chloromethane
Concen: 0.063 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion: 50 Resp: 294
Ion Ratio Lower Upper
50 100
52 48.5 23.5 35.3#

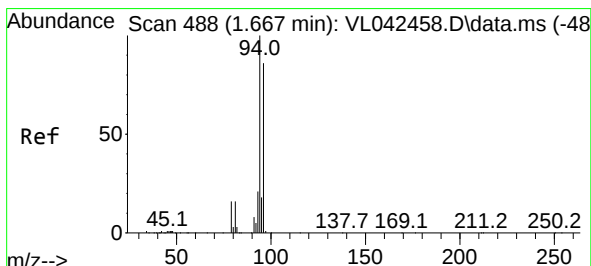
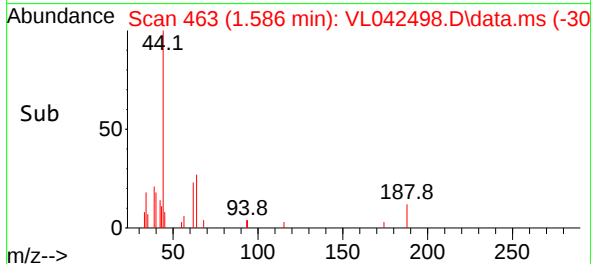
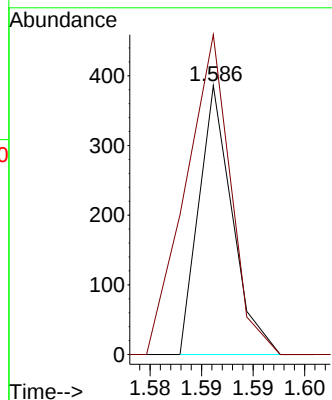
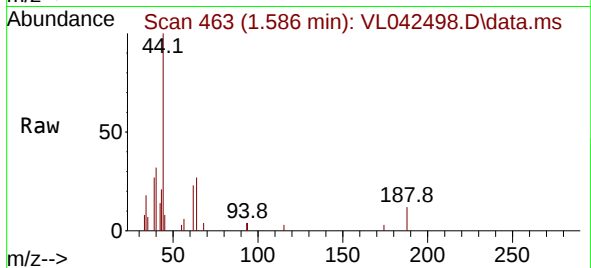




#5
Vinyl Chloride
Concen: 0.018 ppbv
RT: 1.586 min Scan# 463
Delta R.T. 0.007 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

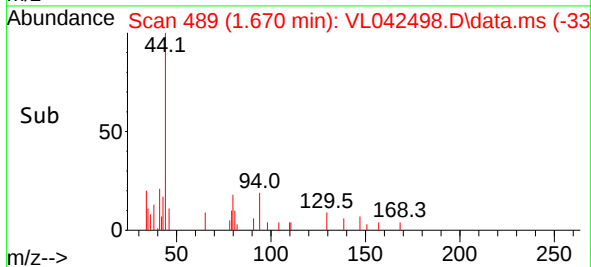
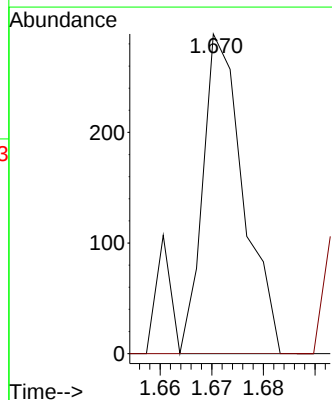
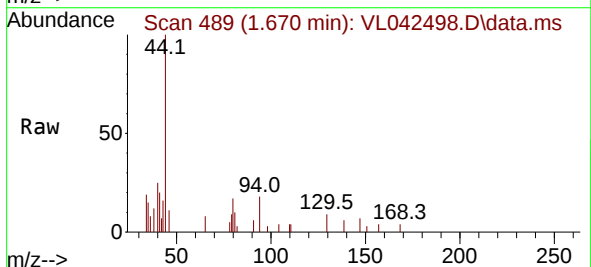
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

Tgt Ion: 62 Resp: 87
Ion Ratio Lower Upper
62 100
64 118.9 24.9 37.3#



#6
Bromomethane
Concen: 0.071 ppbv
RT: 1.670 min Scan# 489
Delta R.T. 0.003 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion: 94 Resp: 158
Ion Ratio Lower Upper
94 100
96 0.0 68.8 103.2#

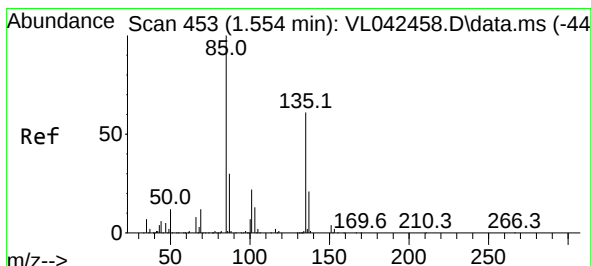
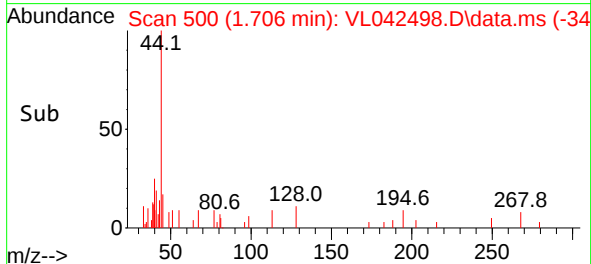
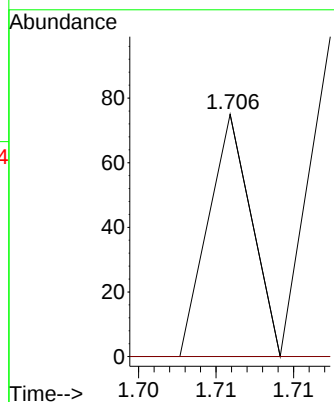
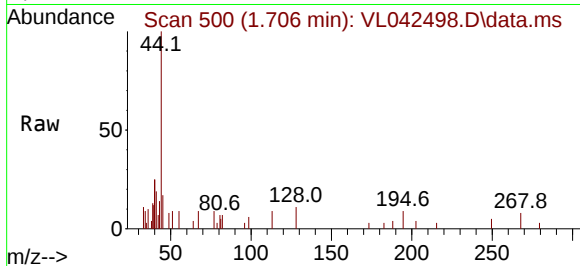




#7
Chloroethane
Concen: 0.009 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

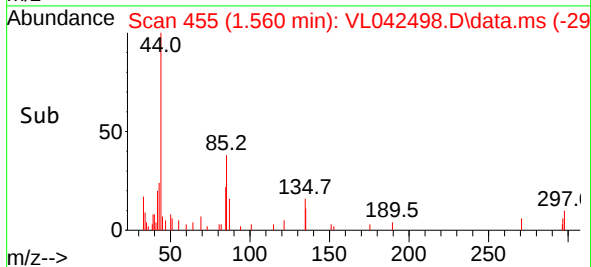
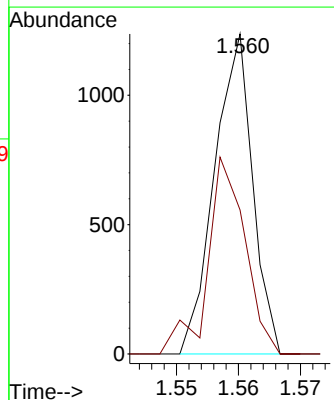
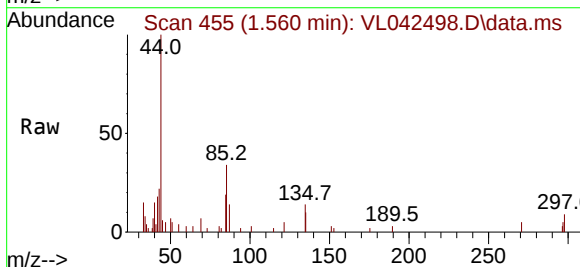
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ClientSampleId :
MDL1 0.03

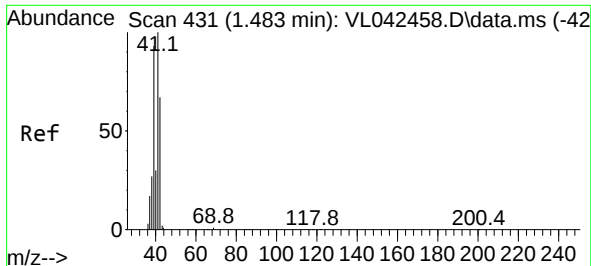
Tgt Ion: 64 Resp: 15
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#8
Dichlorotetrafluoroethane
Concen: 0.057 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.007 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion: 85 Resp: 528
Ion Ratio Lower Upper
85 100
135 60.2 49.8 74.8

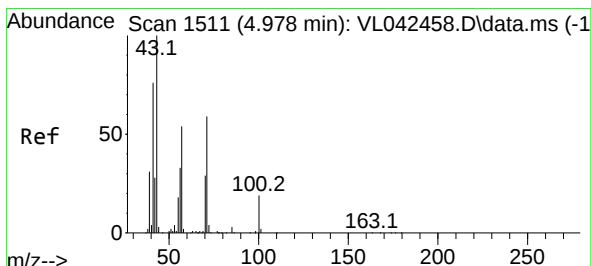
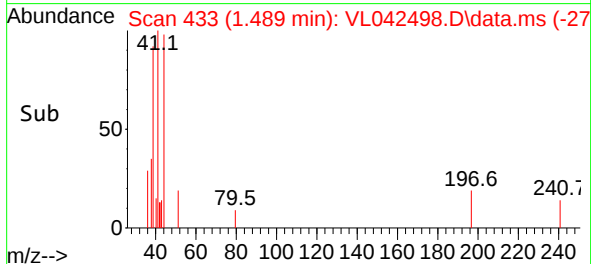
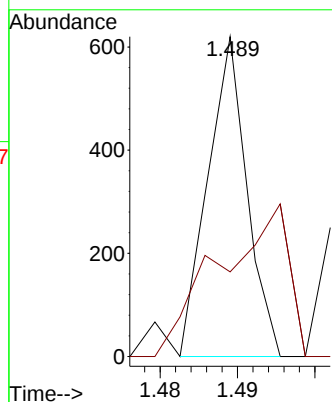
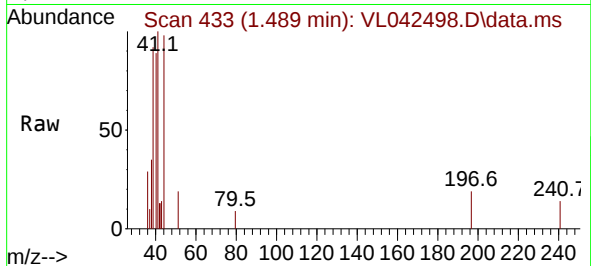




#9
Propene
Concen: 0.056 ppbv
RT: 1.489 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

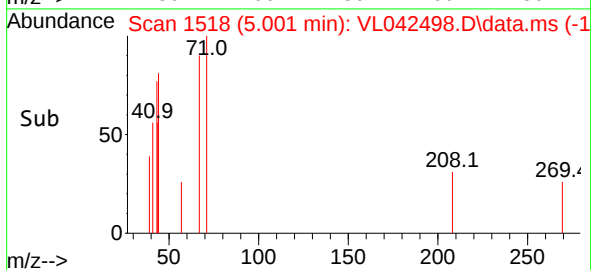
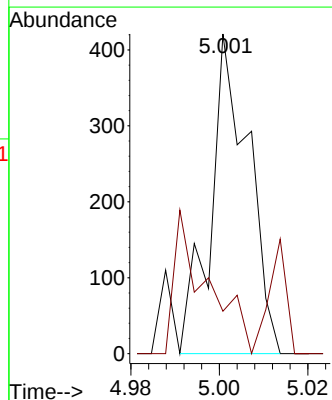
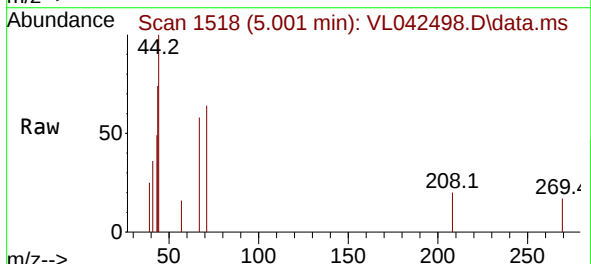
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

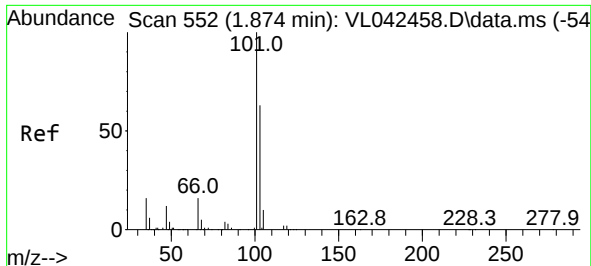
Tgt Ion: 41 Resp: 217
Ion Ratio Lower Upper
41 100
42 0.0 54.3 81.5#



#10
Heptane
Concen: 0.025 ppbv
RT: 5.001 min Scan# 1518
Delta R.T. 0.023 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion: 43 Resp: 251
Ion Ratio Lower Upper
43 100
57 0.0 41.8 62.8#

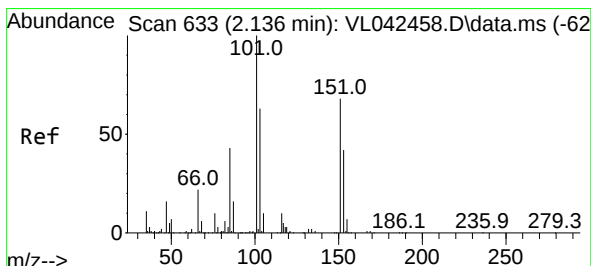
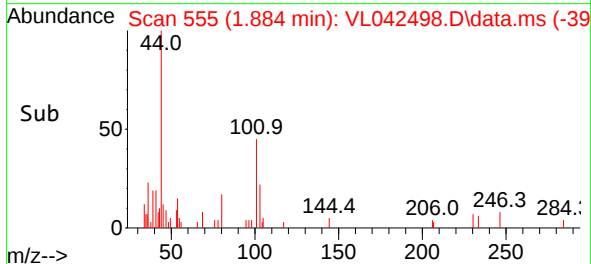
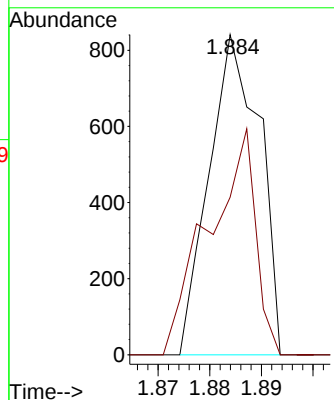
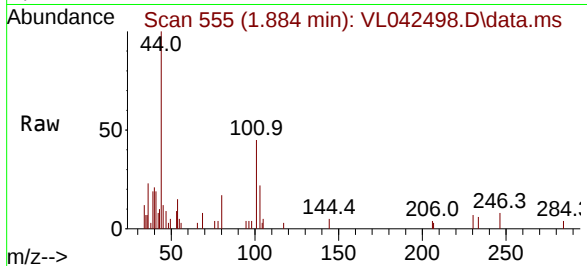




#11
Trichlorofluoromethane
Concen: 0.055 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.010 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

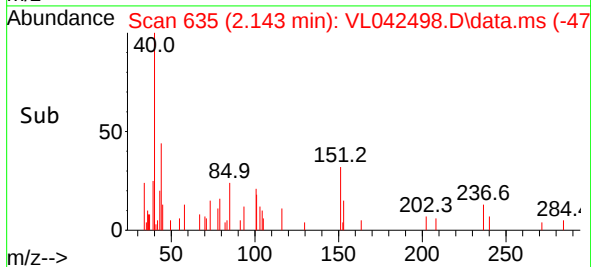
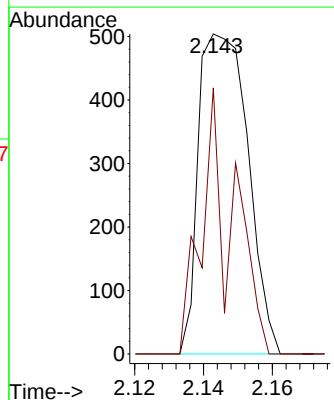
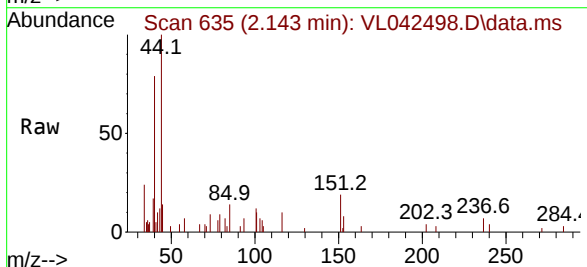
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

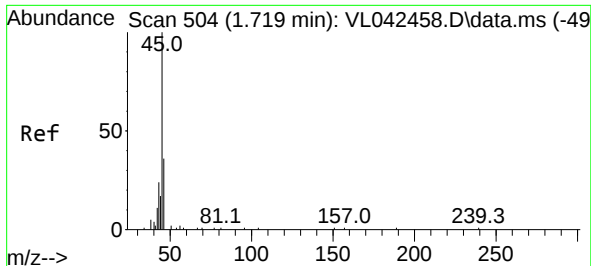
Tgt Ion:101 Resp: 570
Ion Ratio Lower Upper
101 100
103 49.2 50.6 76.0#



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.061 ppbv
RT: 2.143 min Scan# 635
Delta R.T. 0.007 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion:101 Resp: 503
Ion Ratio Lower Upper
101 100
151 52.9 54.6 82.0#

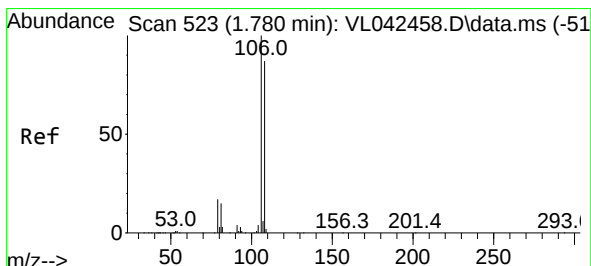
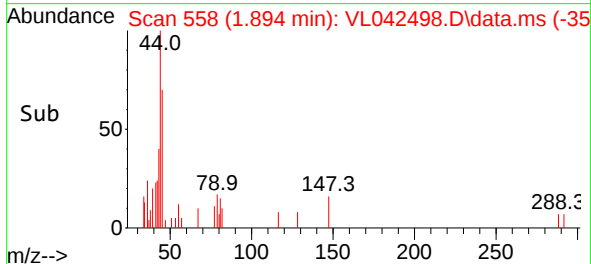
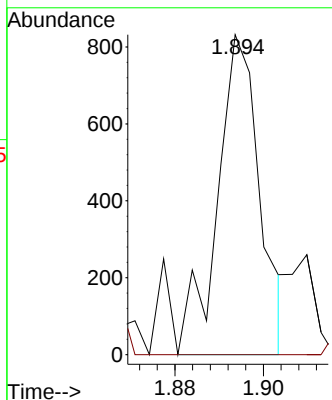
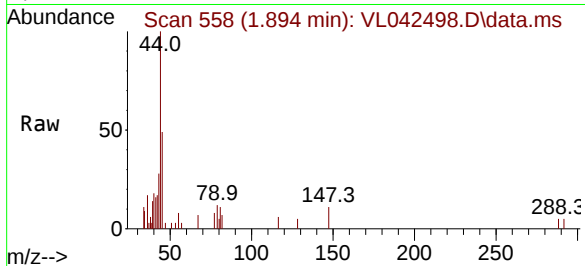




#13
Ethanol
Concen: 0.707 ppbv
RT: 1.894 min Scan# 511
Delta R.T. 0.175 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

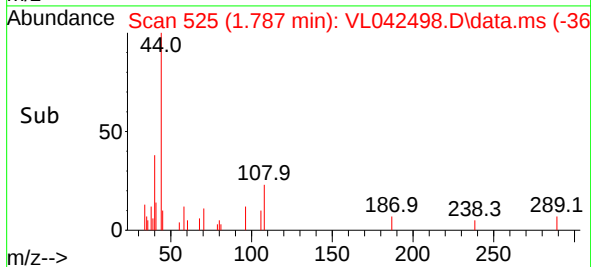
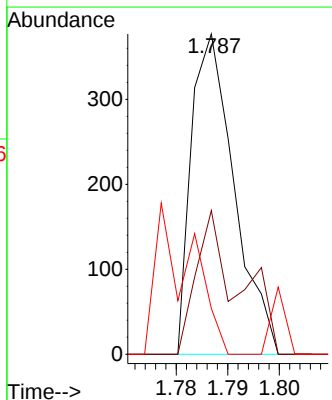
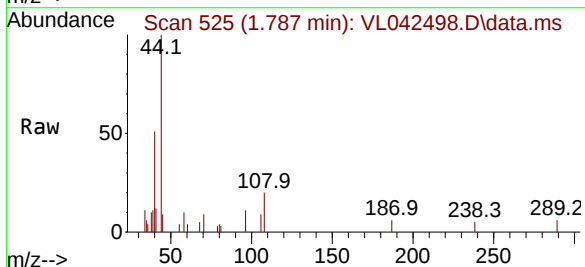
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

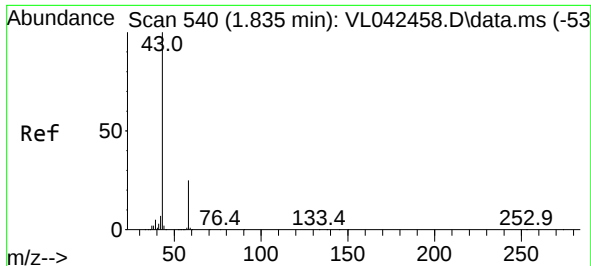
Tgt Ion: 45 Resp: 555
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.1#



#14
Bromoethene
Concen: 0.071 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.007 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion:108 Resp: 217
Ion Ratio Lower Upper
108 100
106 44.7 88.8 133.2#
79 39.2 17.1 25.7#

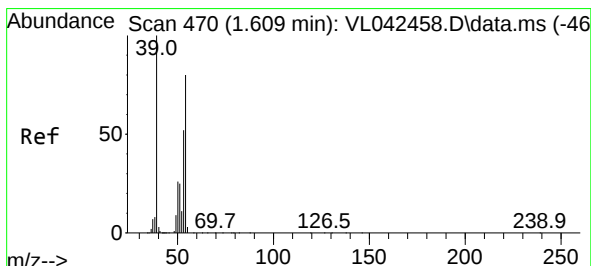
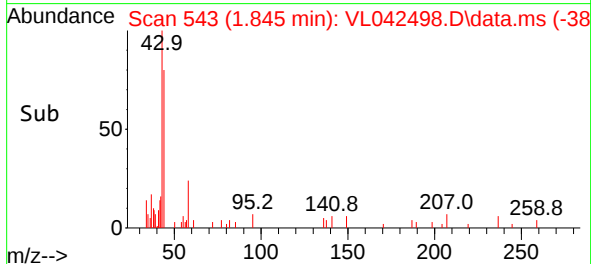
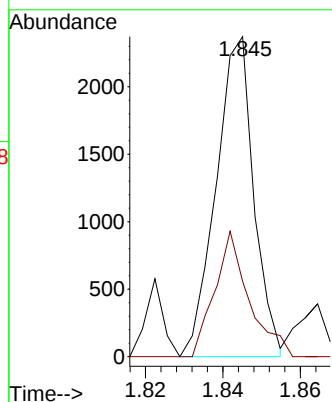
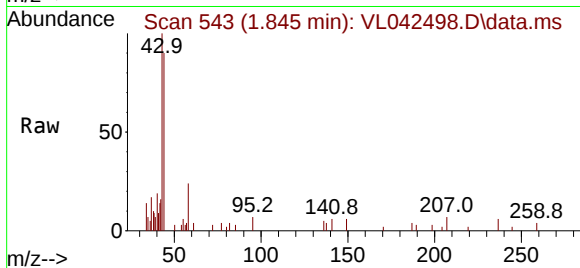




#15
Acetone
Concen: 0.130 ppbv
RT: 1.845 min Scan# 540
Delta R.T. 0.010 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

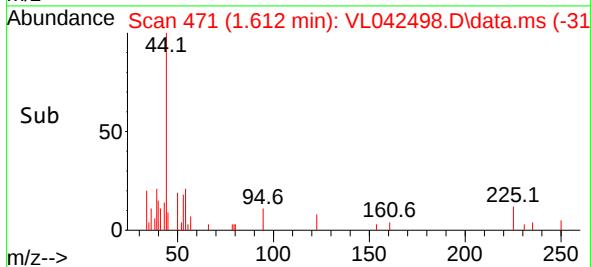
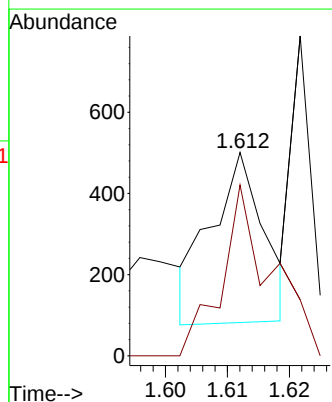
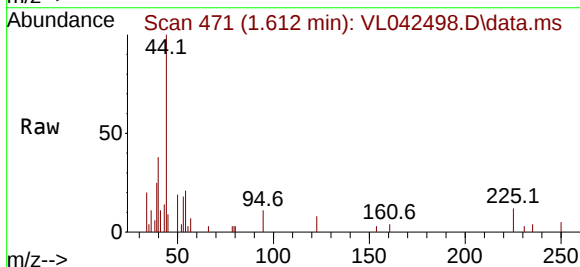
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

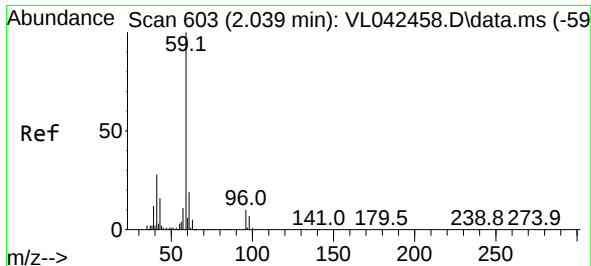
Tgt Ion: 43 Resp: 1604
Ion Ratio Lower Upper
43 100
58 35.7 19.8 29.8#



#16
1,3-Butadiene
Concen: 0.046 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.003 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion: 39 Resp: 249
Ion Ratio Lower Upper
39 100
54 94.0 55.2 82.8#

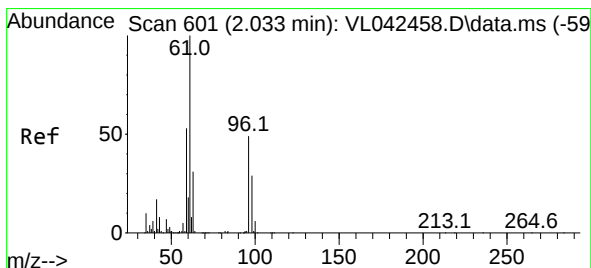
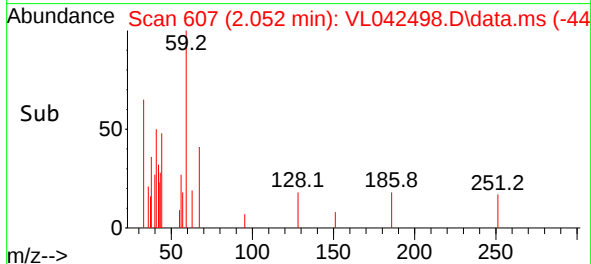
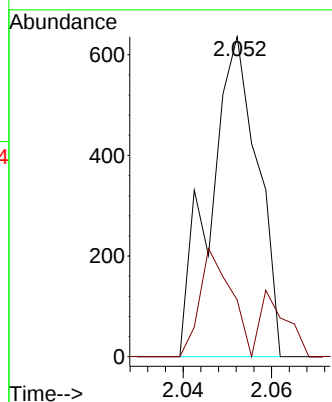
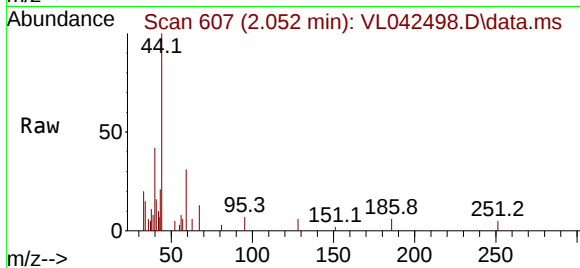




#17
tert-Butyl alcohol
Concen: 0.044 ppbv
RT: 2.052 min Scan# 607
Delta R.T. 0.013 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

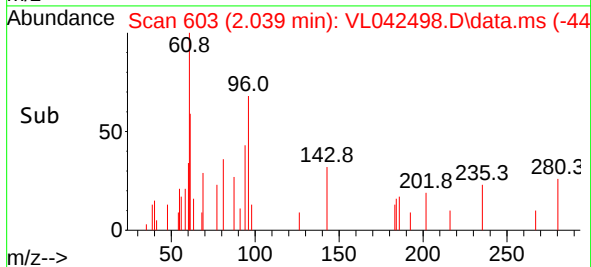
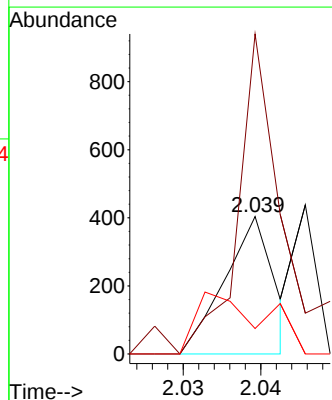
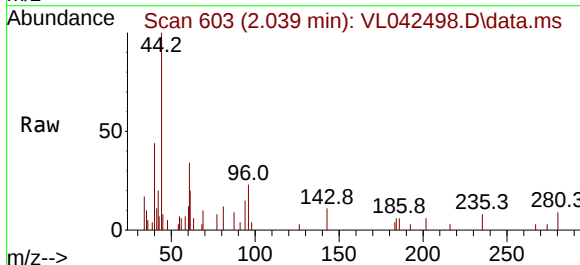
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

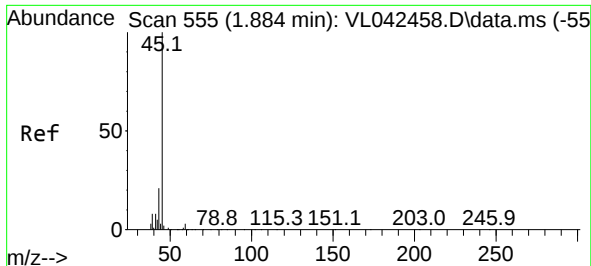
Tgt Ion: 59 Resp: 475
Ion Ratio Lower Upper
59 100
57 33.5 8.3 12.5#



#18
1,1-Dichloroethene
Concen: 0.047 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.007 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion: 96 Resp: 179
Ion Ratio Lower Upper
96 100
61 232.7 164.9 247.3
98 18.6 48.2 72.2#





#19

Isopropyl Alcohol

Concen: 0.081 ppbv

RT: 1.894 min Scan# 511

Delta R.T. 0.010 min

Lab File: VL042498.D

Acq: 06 May 2025 16:01

Instrument :

MSVOA_L

ClientSampleId :

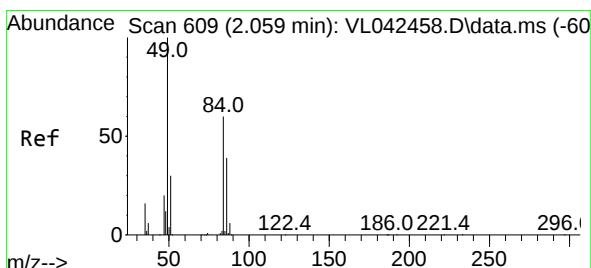
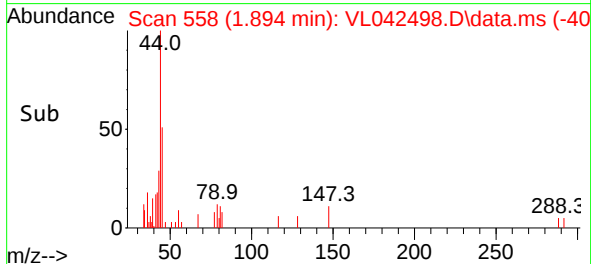
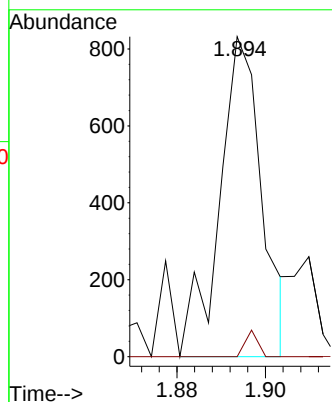
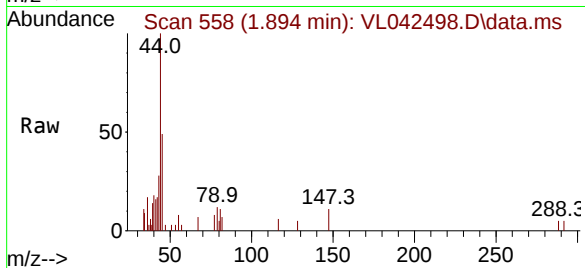
MDL1 0.03

Tgt Ion: 45 Resp: 555

Ion Ratio Lower Upper

45 100

58 103.1 1.6 2.4#



#20

Methylene Chloride

Concen: 0.256 ppbv

RT: 2.072 min Scan# 613

Delta R.T. 0.013 min

Lab File: VL042498.D

Acq: 06 May 2025 16:01

Tgt Ion: 84 Resp: 950

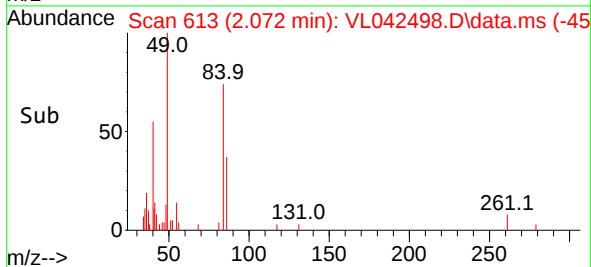
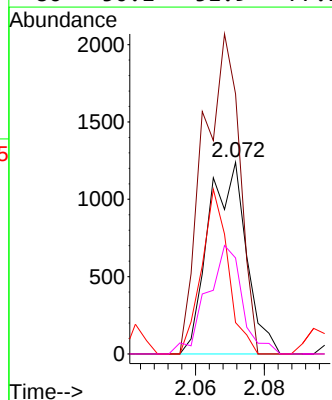
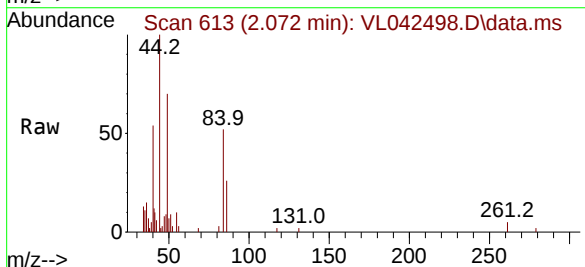
Ion Ratio Lower Upper

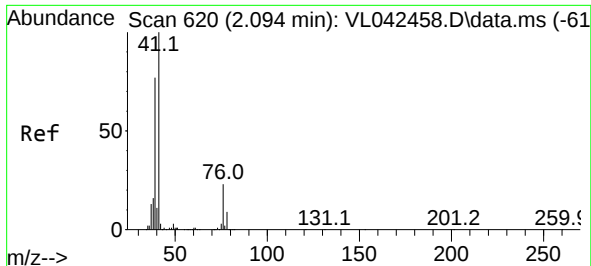
84 100

49 135.7 133.9 200.9

51 16.4 41.0 61.6#

86 50.1 51.9 77.9#

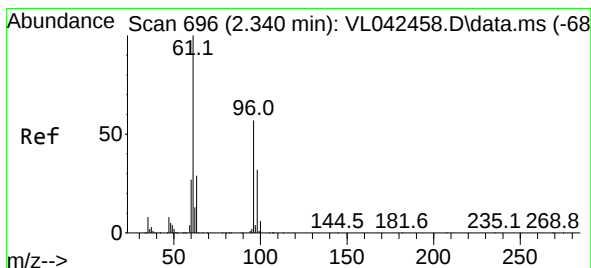
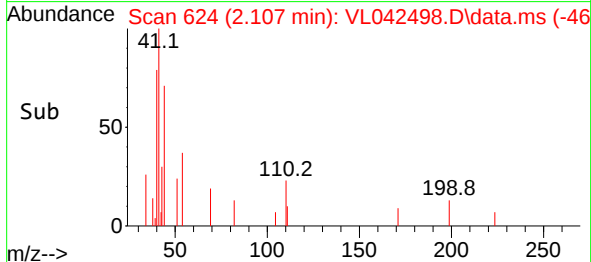
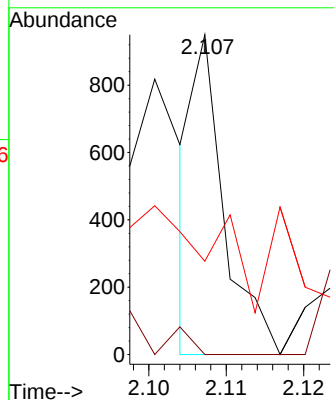
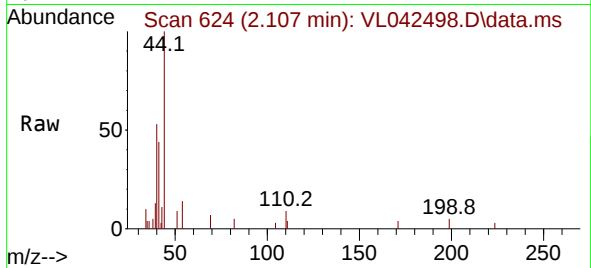




#21
 Allyl Chloride
 Concen: 0.033 ppbv
 RT: 2.107 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: VL042498.D
 Acq: 06 May 2025 16:01

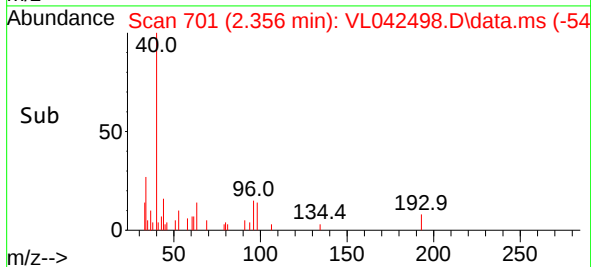
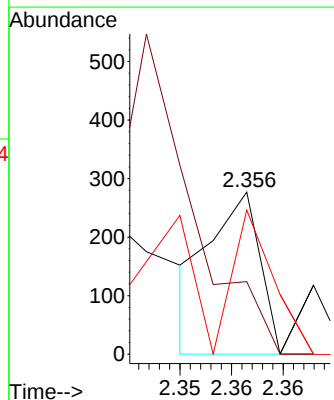
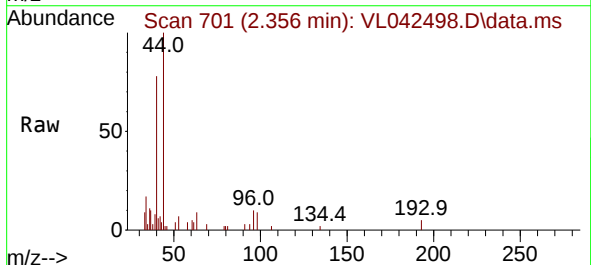
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.03

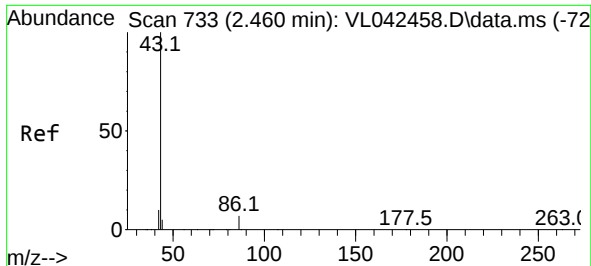
Tgt Ion: 41 Resp: 261
 Ion Ratio Lower Upper
 41 100
 76 0.0 19.6 29.4#
 39 0.0 61.0 91.4#



#22
 trans-1,2-Dichloroethene
 Concen: 0.020 ppbv
 RT: 2.356 min Scan# 701
 Delta R.T. 0.016 min
 Lab File: VL042498.D
 Acq: 06 May 2025 16:01

Tgt Ion: 96 Resp: 92
 Ion Ratio Lower Upper
 96 100
 61 44.8 141.8 212.6#
 98 52.0 45.0 67.6

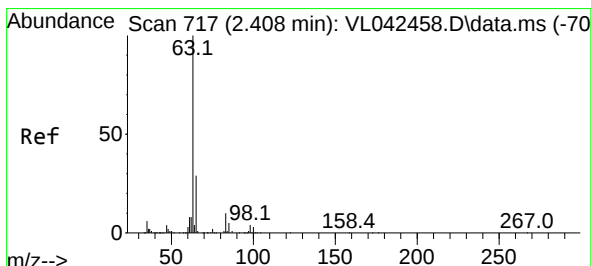
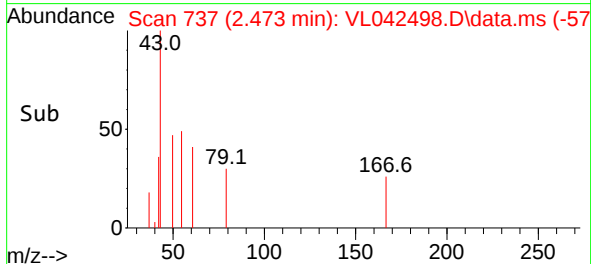
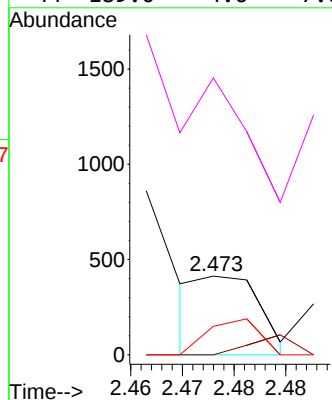
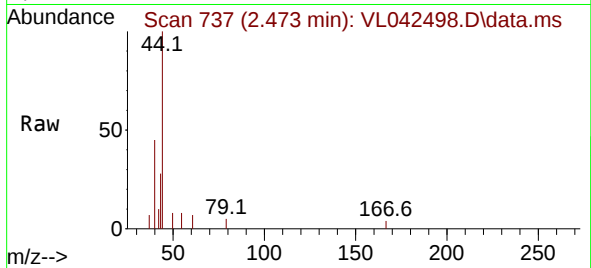




#23
 Vinyl Acetate
 Concen: 0.014 ppbv
 RT: 2.473 min Scan# 719
 Delta R.T. 0.013 min
 Lab File: VL042498.D
 Acq: 06 May 2025 16:01

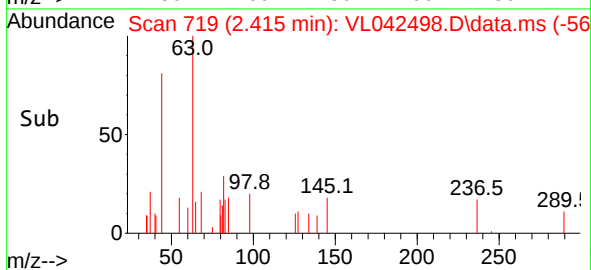
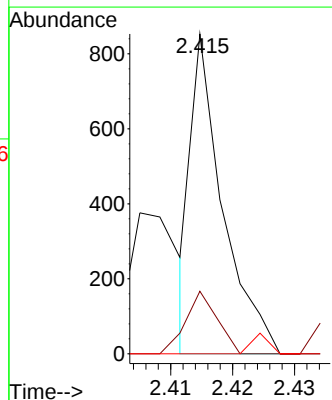
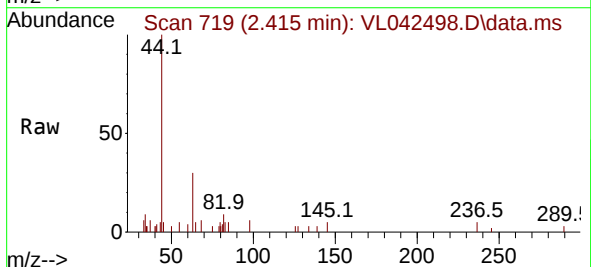
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.03

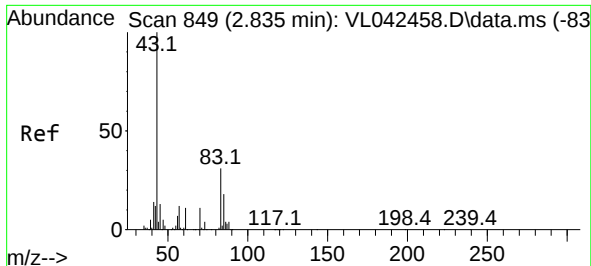
Tgt Ion:	43	Resp:	169
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.5	8.3#
42	43.1	8.3	12.5#
44	189.0	4.6	7.0#



#24
 1,1-Dichloroethane
 Concen: 0.033 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.007 min
 Lab File: VL042498.D
 Acq: 06 May 2025 16:01

Tgt Ion:	63	Resp:	302
Ion	Ratio	Lower	Upper
63	100		
98	19.6	1.8	5.5#
100	0.0	1.4	4.2#

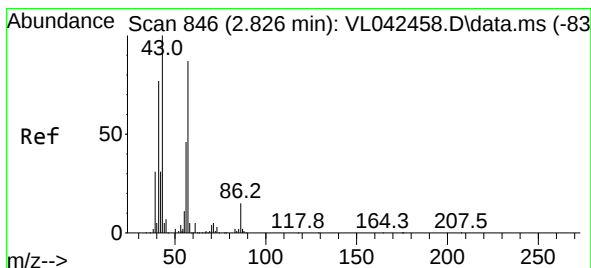
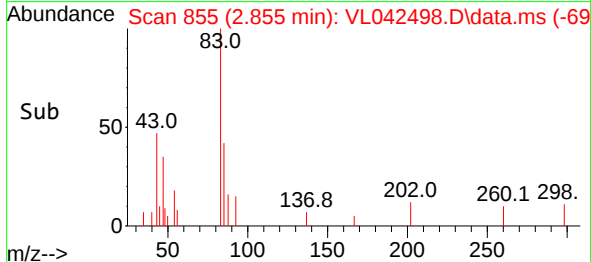
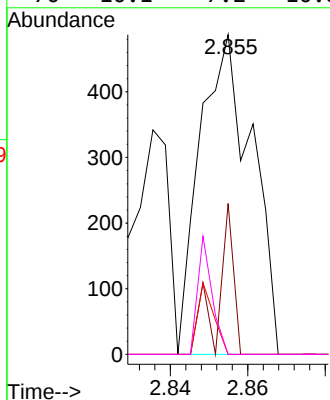
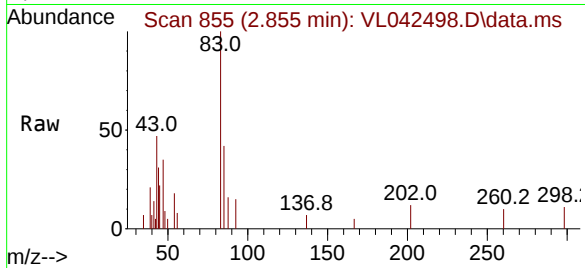




#25
Ethyl Acetate
Concen: 0.023 ppbv
RT: 2.855 min Scan# 81
Delta R.T. 0.019 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

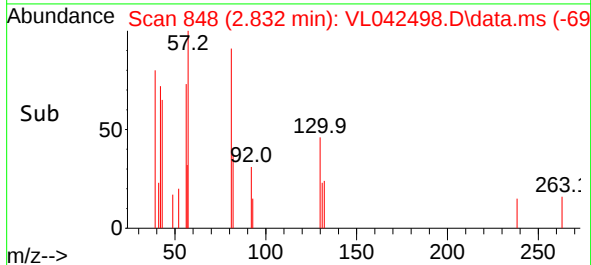
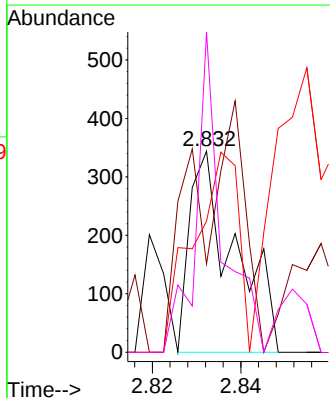
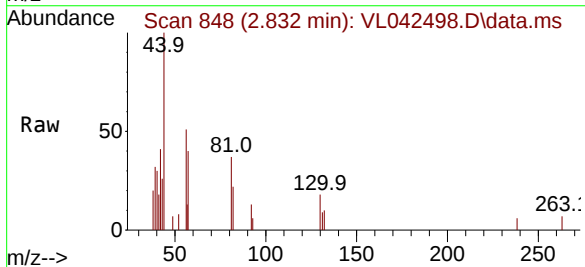
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

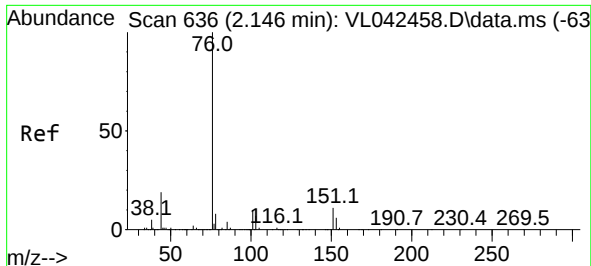
Tgt Ion:	43	Resp:	455
Ion	Ratio	Lower	Upper
43	100		
45	0.0	7.8	11.6#
61	6.8	7.2	10.8#
70	10.1	7.2	10.8



#26
Hexane
Concen: 0.028 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.007 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion:	57	Resp:	241
Ion	Ratio	Lower	Upper
57	100		
41	207.5	77.8	116.8#
43	288.8	187.0	280.6#
56	114.5	43.9	65.9#





#27

Carbon Disulfide

Concen: 0.034 ppbv

RT: 2.156 min Scan# 61

Delta R.T. 0.010 min

Lab File: VL042498.D

Acq: 06 May 2025 16:01

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.03

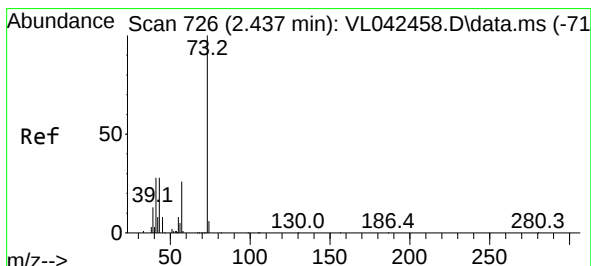
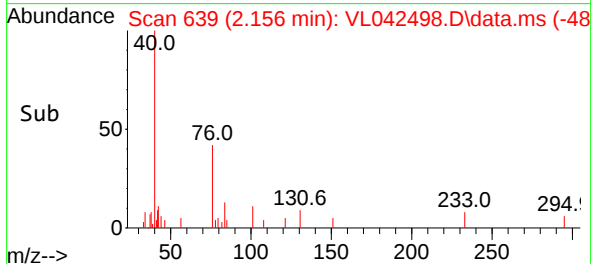
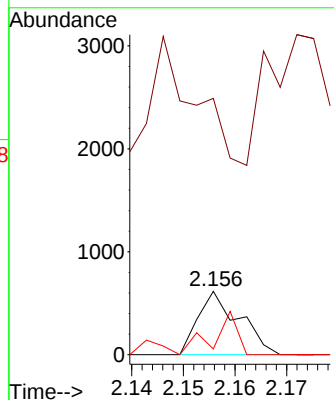
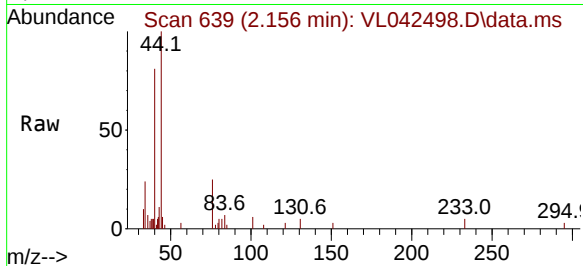
Tgt Ion: 76 Resp: 341

Ion Ratio Lower Upper

76 100

44 911.1 21.0 31.6#

78 52.2 8.6 13.0#



#28

Methyl tert-Butyl Ether

Concen: 0.016 ppbv

RT: 2.450 min Scan# 730

Delta R.T. 0.013 min

Lab File: VL042498.D

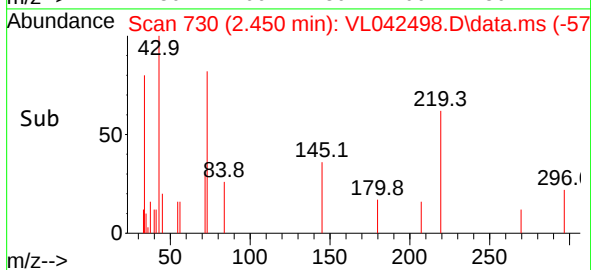
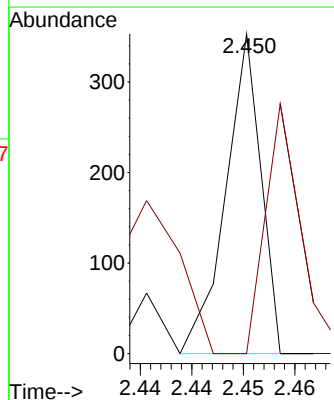
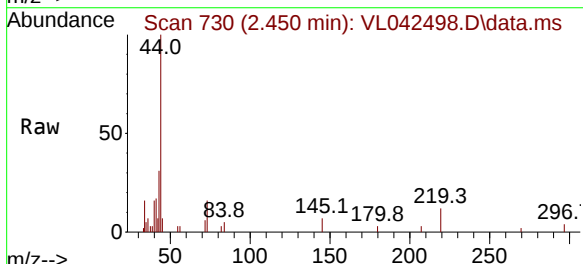
Acq: 06 May 2025 16:01

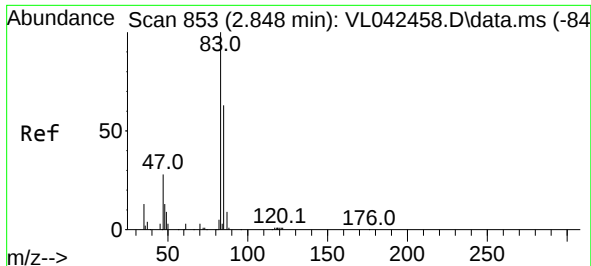
Tgt Ion: 73 Resp: 84

Ion Ratio Lower Upper

73 100

57 164.3 19.9 29.9#





#29

Chloroform

Concen: 0.044 ppbv

RT: 2.855 min Scan# 855

Delta R.T. 0.007 min

Lab File: VL042498.D

Acq: 06 May 2025 16:01

Instrument :

MSVOA_L

ClientSampleId :

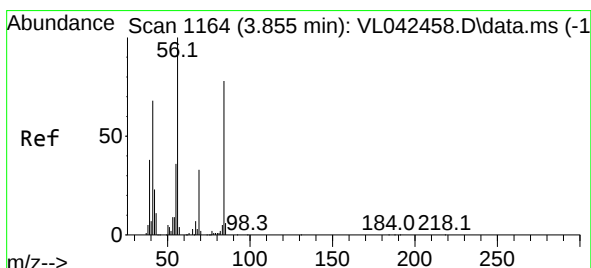
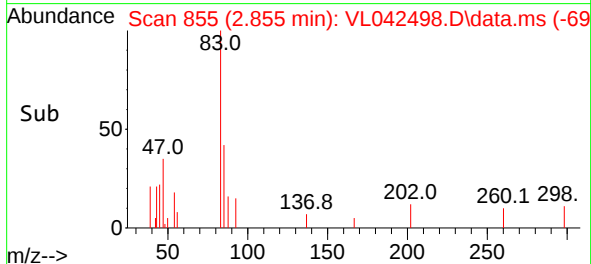
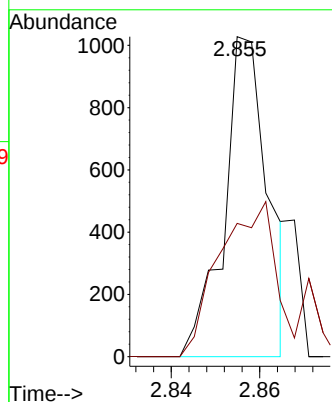
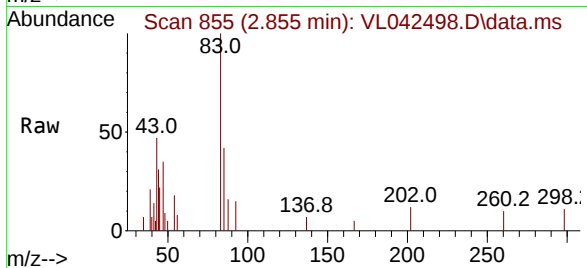
MDL1 0.03

Tgt Ion: 83 Resp: 710

Ion Ratio Lower Upper

83 100

85 41.6 50.4 75.6#



#30

Cyclohexane

Concen: 0.027 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. 0.016 min

Lab File: VL042498.D

Acq: 06 May 2025 16:01

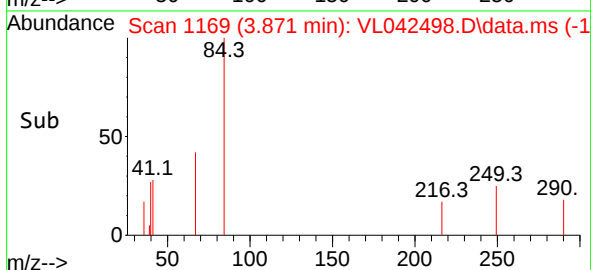
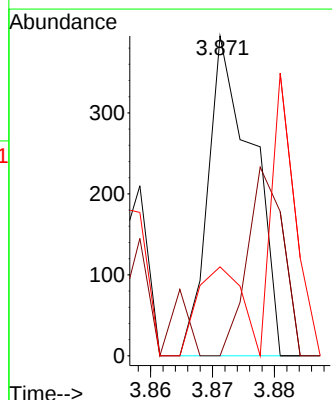
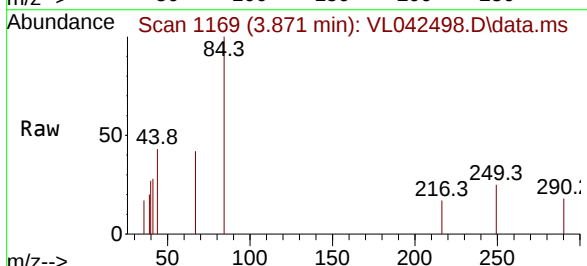
Tgt Ion: 84 Resp: 197

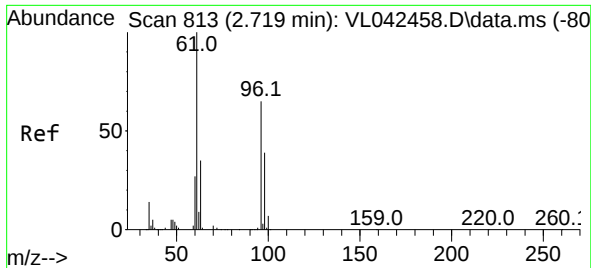
Ion Ratio Lower Upper

84 100

56 0.0 98.1 147.1#

41 110.2 65.8 98.8#

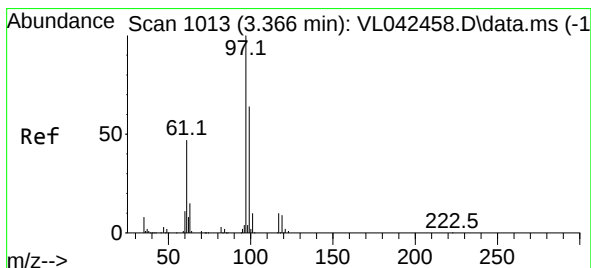
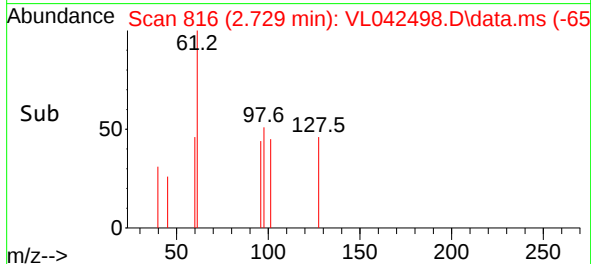
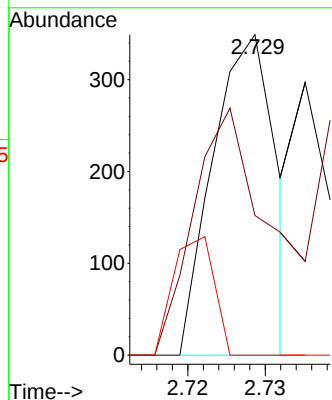
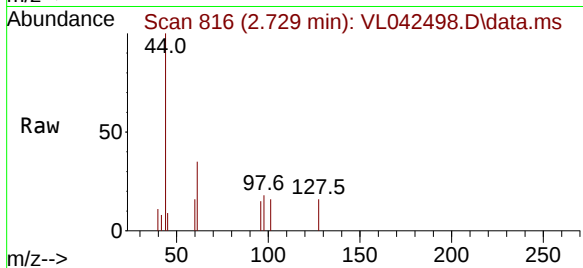




#31
 cis-1,2-Dichloroethene
 Concen: 0.020 ppbv
 RT: 2.729 min Scan# 813
 Delta R.T. 0.010 min
 Lab File: VL042498.D
 Acq: 06 May 2025 16:01

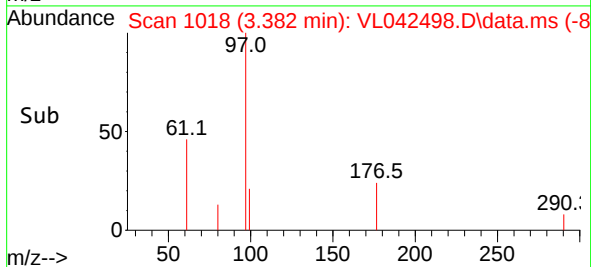
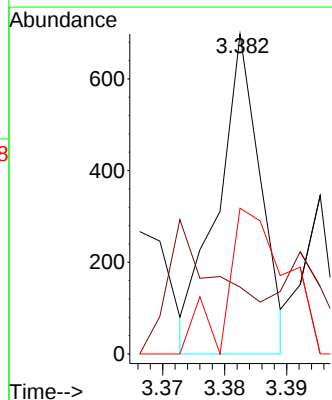
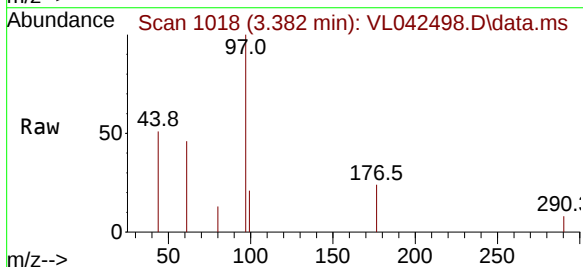
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.03

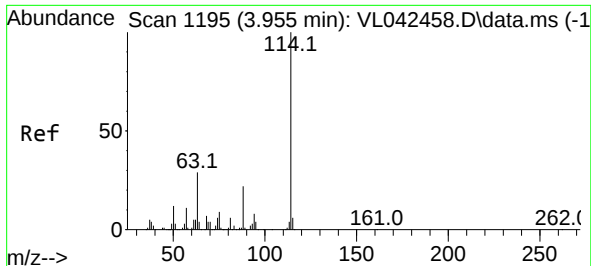
Tgt Ion: 61 Resp: 199
 Ion Ratio Lower Upper
 61 100
 96 18.6 52.0 78.0#
 98 0.0 31.0 46.6#



#32
 1,1,1-Trichloroethane
 Concen: 0.019 ppbv
 RT: 3.382 min Scan# 1018
 Delta R.T. 0.016 min
 Lab File: VL042498.D
 Acq: 06 May 2025 16:01

Tgt Ion: 97 Resp: 334
 Ion Ratio Lower Upper
 97 100
 99 0.0 50.7 76.1#
 61 63.5 40.9 61.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.972 min Scan# 1195

Delta R.T. 0.016 min

Lab File: VL042498.D

Acq: 06 May 2025 16:01

Instrument :

MSVOA_1

ClientSampleId :

MDL1 0.03

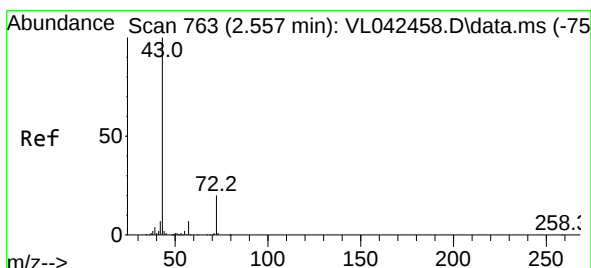
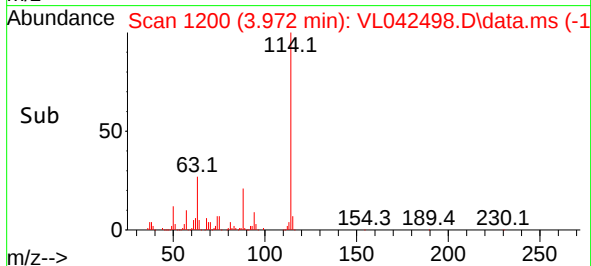
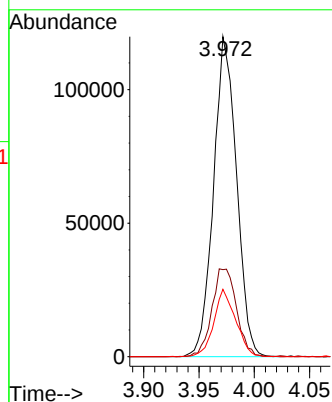
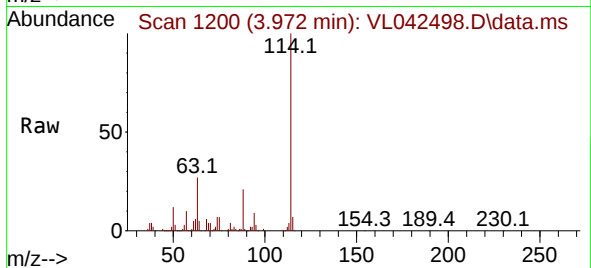
Tgt Ion:114 Resp: 173266

Ion Ratio Lower Upper

114 100

63 29.6 23.1 34.7

88 20.0 16.1 24.1



#34

2-Butanone

Concen: 0.054 ppbv

RT: 2.573 min Scan# 768

Delta R.T. 0.016 min

Lab File: VL042498.D

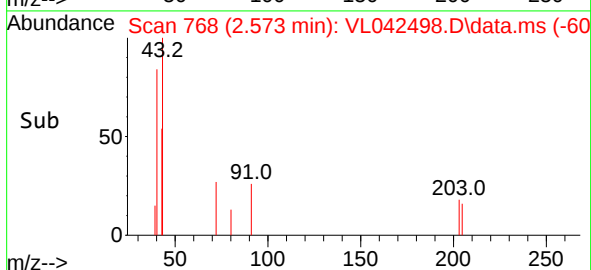
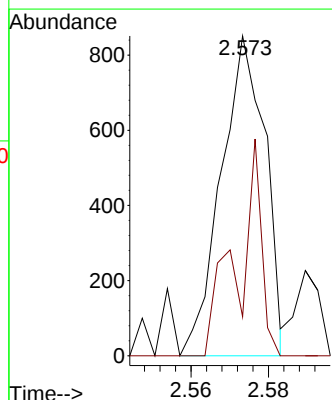
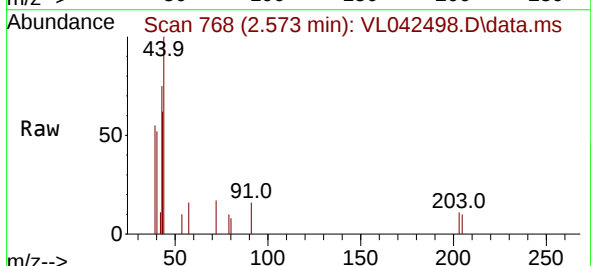
Acq: 06 May 2025 16:01

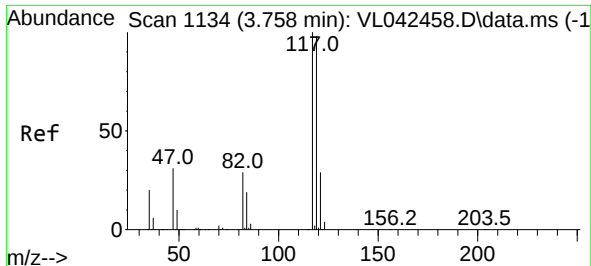
Tgt Ion: 43 Resp: 672

Ion Ratio Lower Upper

43 100

72 37.1 16.7 25.1#

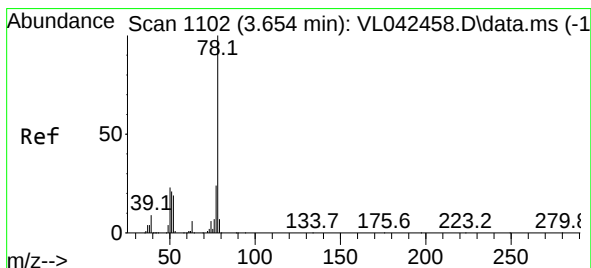
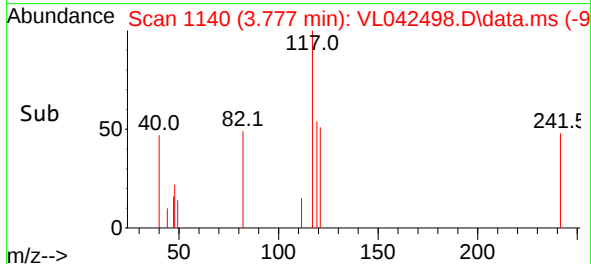
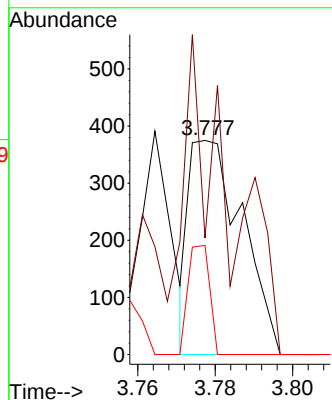
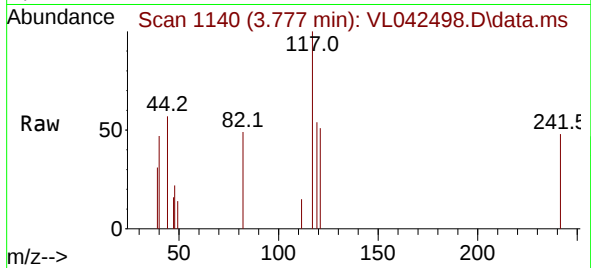




#35
Carbon Tetrachloride
Concen: 0.023 ppbv
RT: 3.777 min Scan# 1134
Delta R.T. 0.019 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

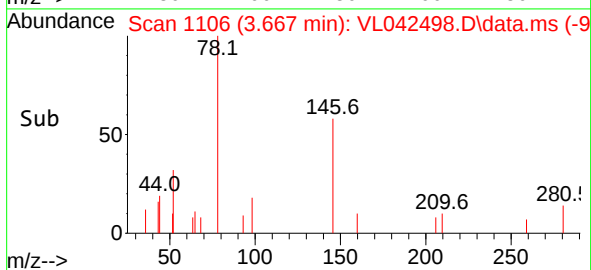
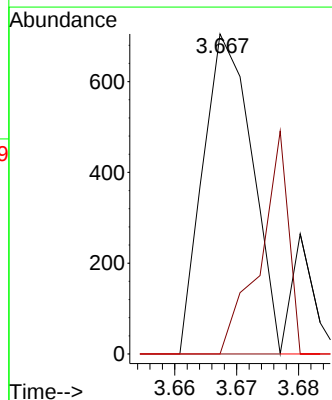
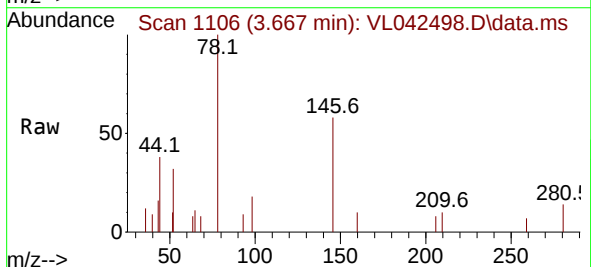
Instrument :
MSVOA_1
ClientSampleId :
MDL1 0.03

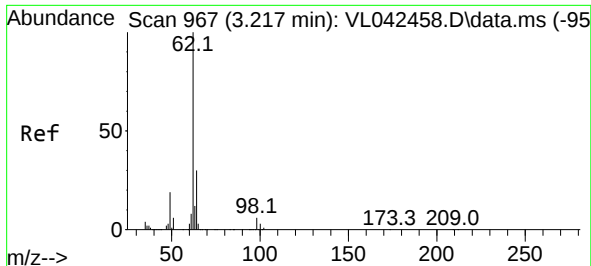
Tgt Ion:117 Resp: 359
Ion Ratio Lower Upper
117 100
119 54.4 78.1 117.1#
121 50.9 23.0 34.6#



#36
Benzene
Concen: 0.024 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. 0.013 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion: 78 Resp: 389
Ion Ratio Lower Upper
78 100
77 0.0 18.9 28.3#
50 0.0 18.4 27.6#

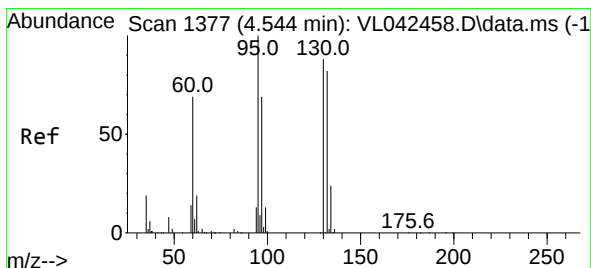
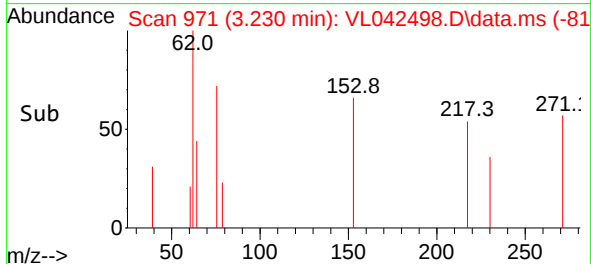
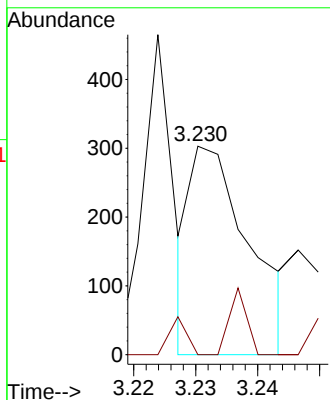
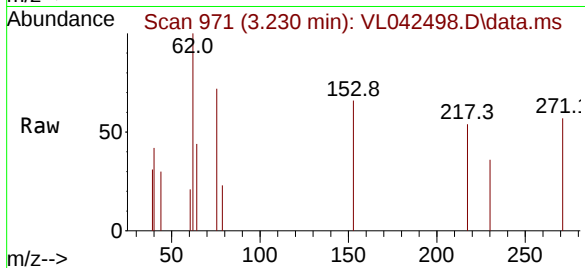




#37
1,2-Dichloroethane
Concen: 0.016 ppbv
RT: 3.230 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

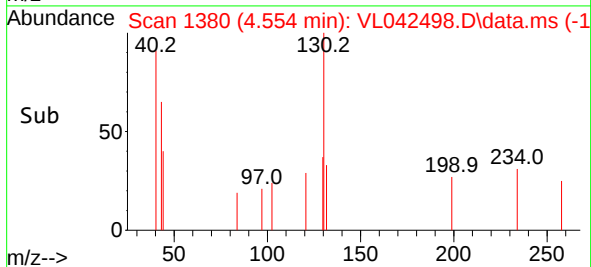
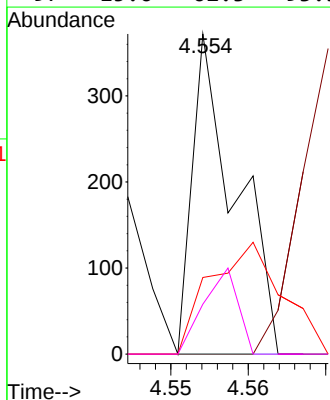
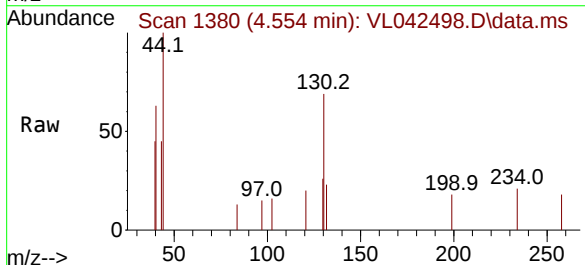
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

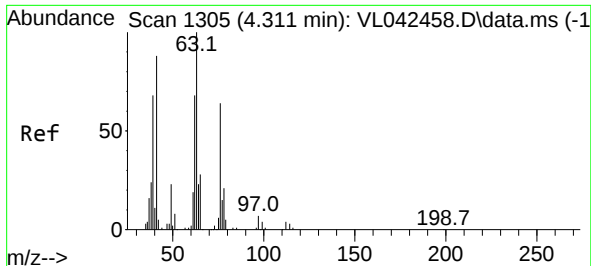
Tgt Ion: 62 Resp: 202
Ion Ratio Lower Upper
62 100
98 0.0 4.3 6.5#



#38
Trichloroethene
Concen: 0.023 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. 0.010 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion:130 Resp: 144
Ion Ratio Lower Upper
130 100
95 0.0 91.0 136.4#
132 23.9 74.2 111.4#
97 15.6 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 8.325 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. -0.343 min

Lab File: VL042498.D

Acq: 06 May 2025 16:01

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.03

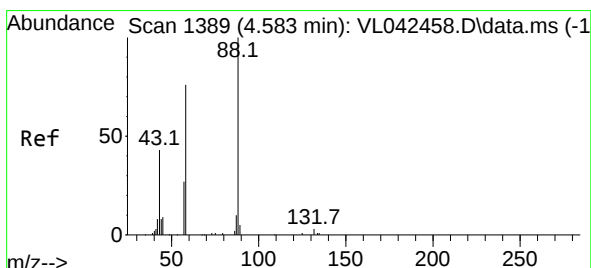
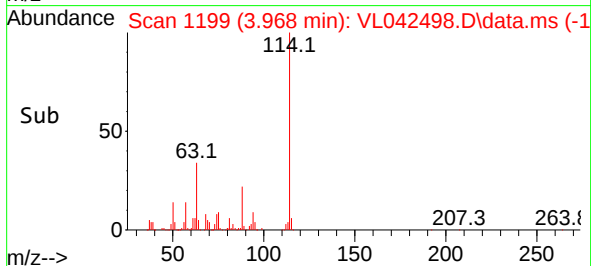
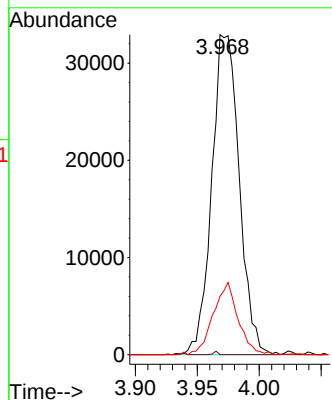
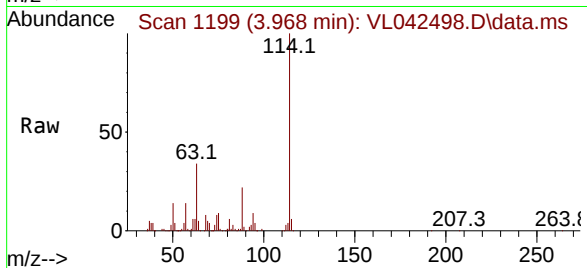
Tgt Ion: 63 Resp: 50960

Ion Ratio Lower Upper

63 100

41 0.0 69.8 104.6#

62 18.3 54.3 81.5#



#40

1,4-Dioxane

Concen: 0.009 ppbv

RT: 5.062 min Scan# 1537

Delta R.T. 0.479 min

Lab File: VL042498.D

Acq: 06 May 2025 16:01

Tgt Ion: 88 Resp: 27

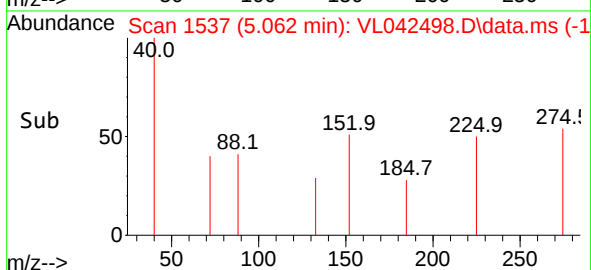
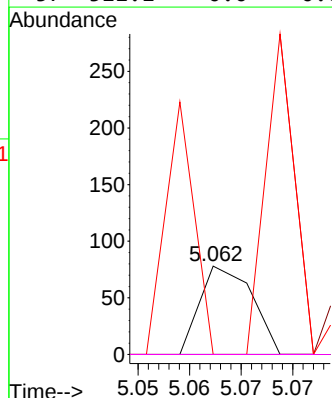
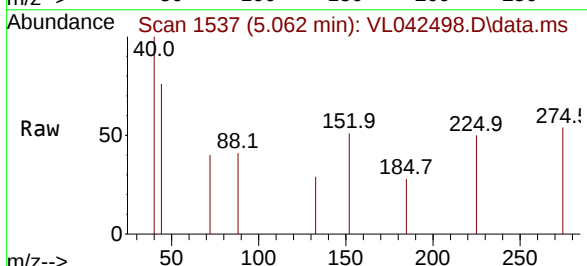
Ion Ratio Lower Upper

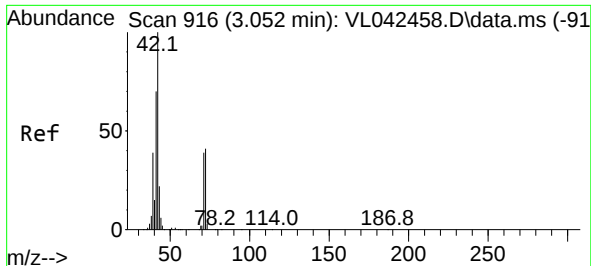
88 100

58 0.0 0.0 0.0

43 1007.4 0.0 0.0#

57 511.1 0.0 0.0#

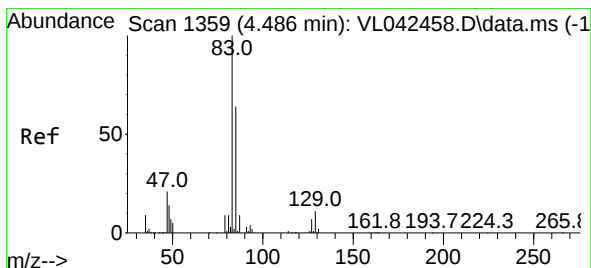
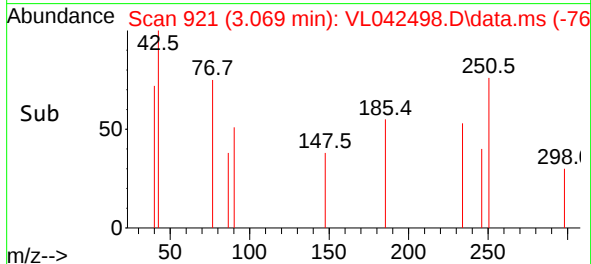
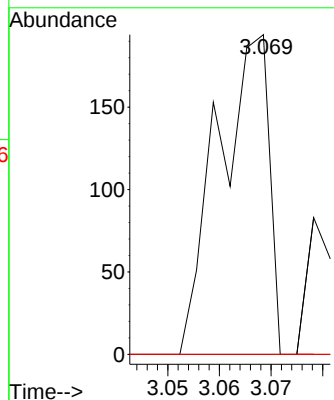
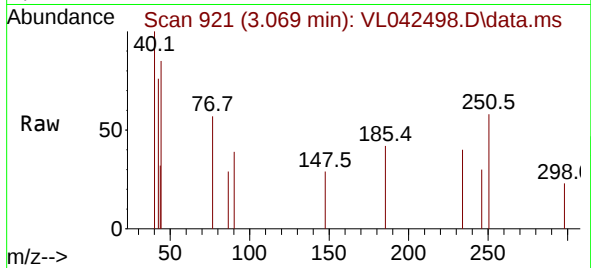




#41
Tetrahydrofuran
Concen: 0.022 ppbv
RT: 3.069 min Scan# 916
Delta R.T. 0.016 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

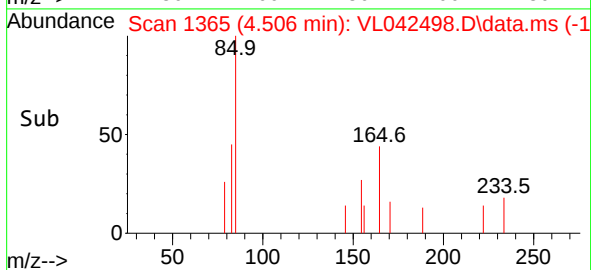
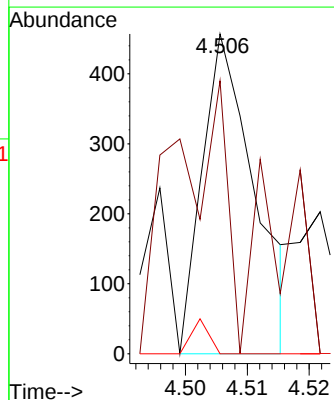
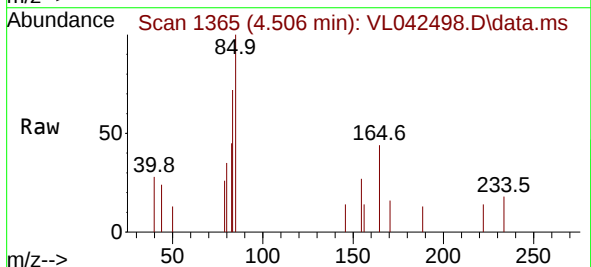
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

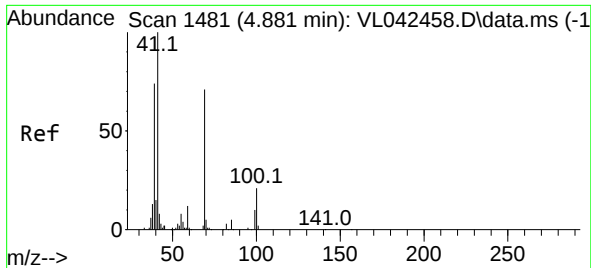
Tgt Ion: 42 Resp: 133
Ion Ratio Lower Upper
42 100
72 0.0 33.5 50.3#
71 0.0 32.6 49.0#



#42
Bromodichloromethane
Concen: 0.017 ppbv
RT: 4.506 min Scan# 1365
Delta R.T. 0.019 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion: 83 Resp: 269
Ion Ratio Lower Upper
83 100
85 66.5 51.5 77.3
127 0.0 5.4 8.2#

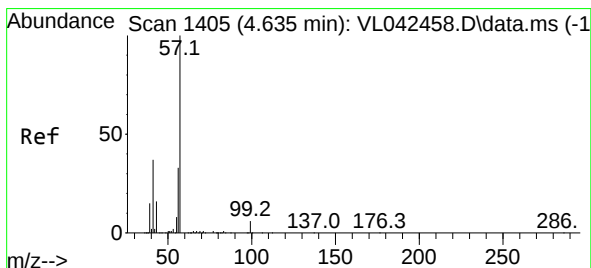
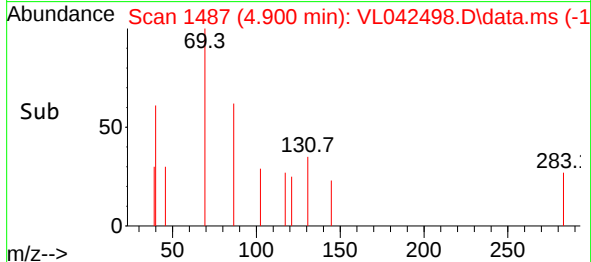
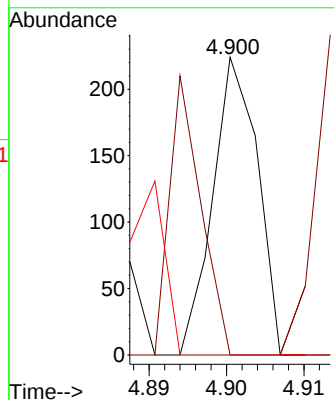
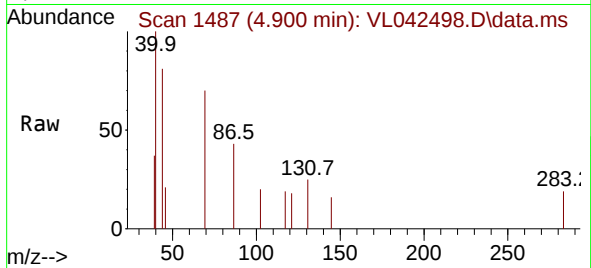




#43
Methyl Methacrylate
Concen: 0.015 ppbv
RT: 4.900 min Scan# 1410
Delta R.T. 0.019 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

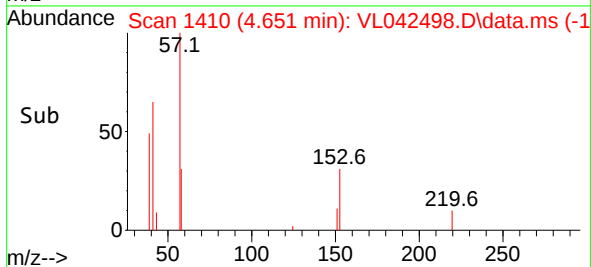
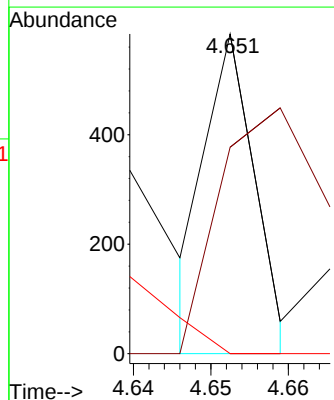
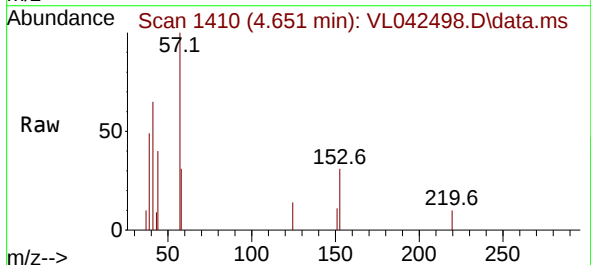
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

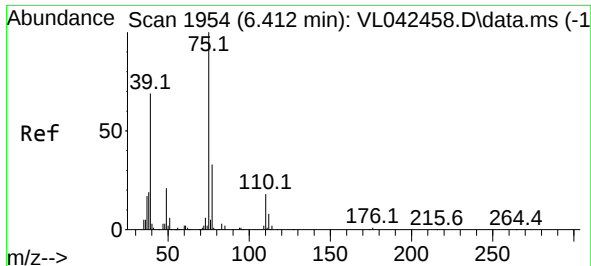
Tgt Ion: 69 Resp: 90
Ion Ratio Lower Upper
69 100
41 81.1 120.8 181.2#
100 0.0 26.7 40.1#



#44
2,2,4-Trimethylpentane
Concen: 0.005 ppbv
RT: 4.651 min Scan# 1410
Delta R.T. 0.016 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion: 57 Resp: 125
Ion Ratio Lower Upper
57 100
41 231.2 30.6 45.8#
56 0.0 25.0 37.6#

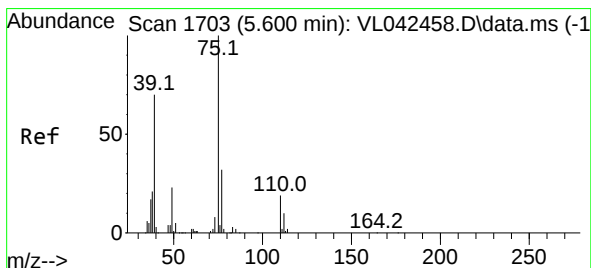
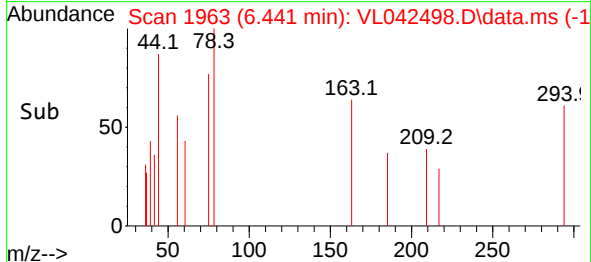
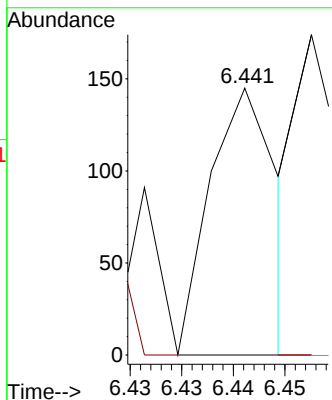
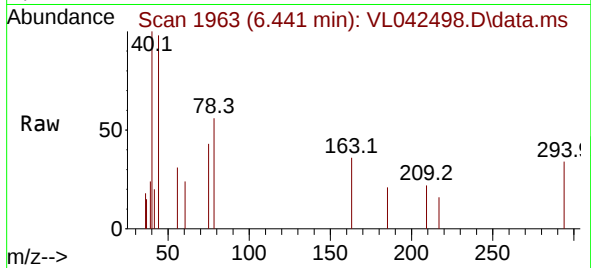




#45
 t-1,3-Dichloropropene
 Concen: 0.008 ppbv
 RT: 6.441 min Scan# 1954
 Delta R.T. 0.029 min
 Lab File: VL042498.D
 Acq: 06 May 2025 16:01

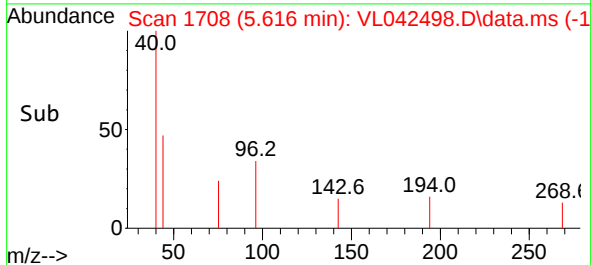
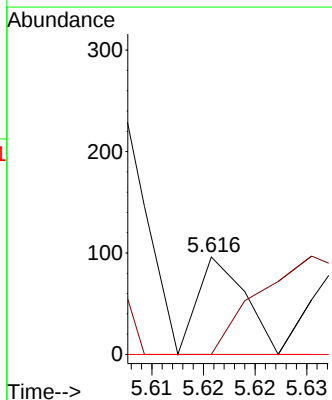
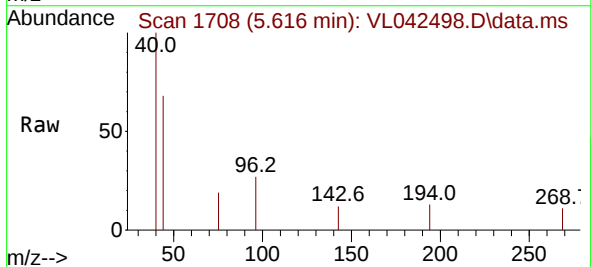
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.03

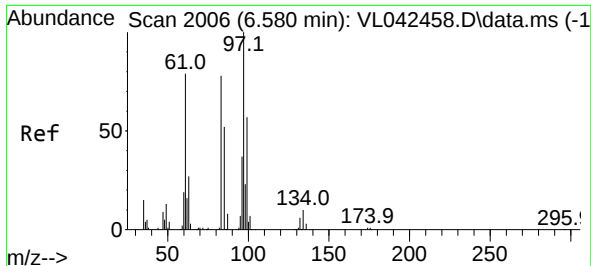
Tgt Ion: 75 Resp: 66
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.3 39.5#



#46
 cis-1,3-Dichloropropene
 Concen: 0.003 ppbv
 RT: 5.616 min Scan# 1708
 Delta R.T. 0.016 min
 Lab File: VL042498.D
 Acq: 06 May 2025 16:01

Tgt Ion: 75 Resp: 31
 Ion Ratio Lower Upper
 75 100
 39 0.0 55.7 83.5#
 77 0.0 25.8 38.8#

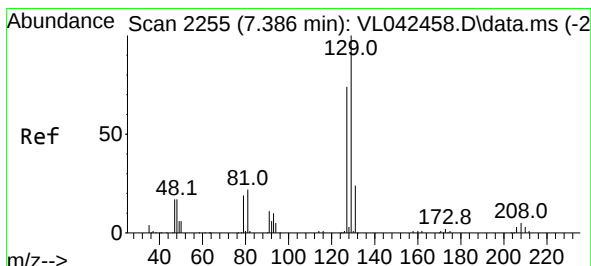
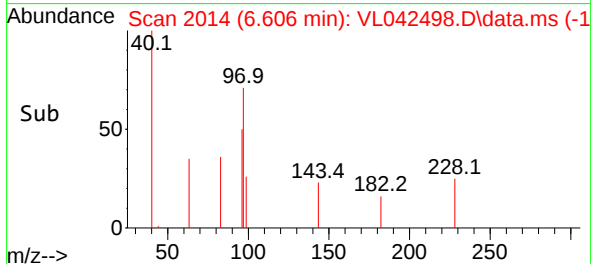
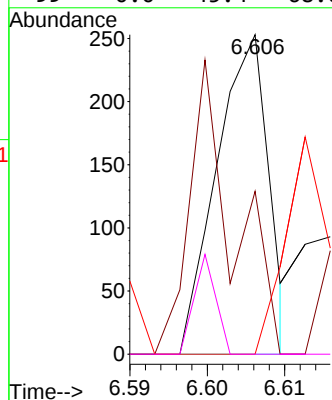
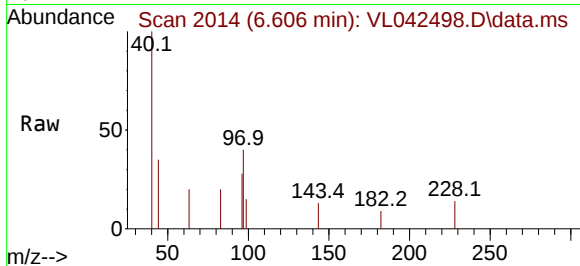




#47
1,1,2-Trichloroethane
Concen: 0.018 ppbv
RT: 6.606 min Scan# 2006
Delta R.T. 0.026 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

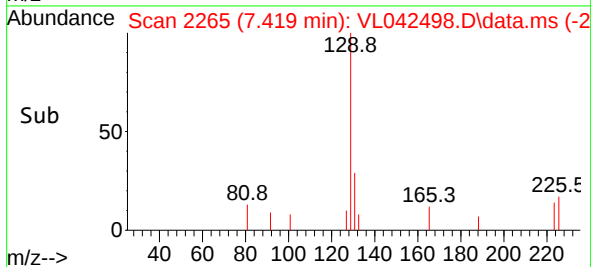
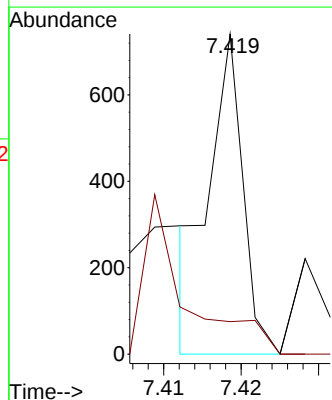
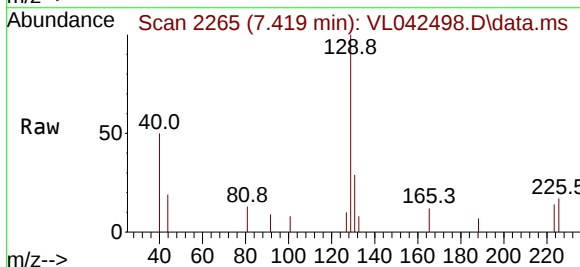
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

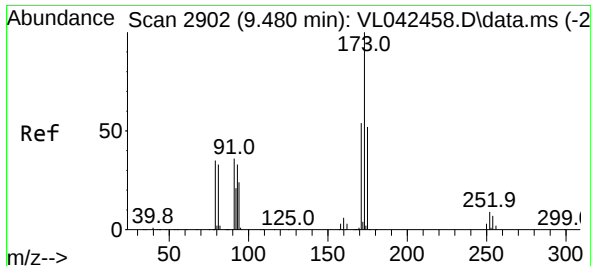
Tgt Ion:	97	Resp:	119
Ion	Ratio	Lower	Upper
97	100		
83	51.0	62.2	93.2#
85	0.0	41.5	62.3#
99	0.0	45.4	68.0#



#48
Dibromochloromethane
Concen: 0.019 ppbv
RT: 7.419 min Scan# 2265
Delta R.T. 0.032 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion:	129	Resp:	218
Ion	Ratio	Lower	Upper
129	100		
127	163.8	39.5	118.5#

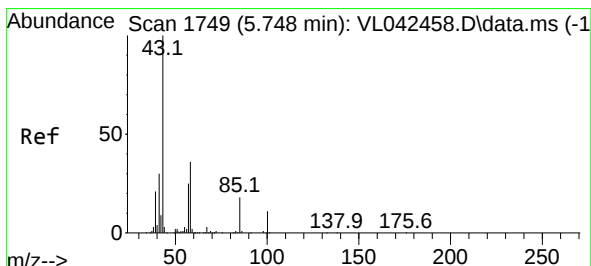
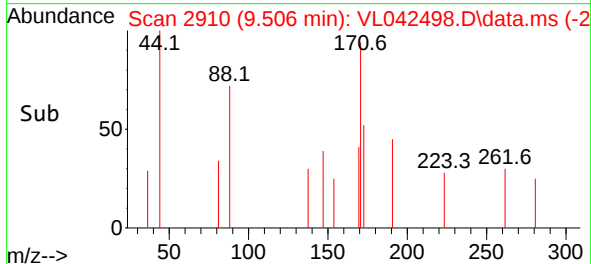
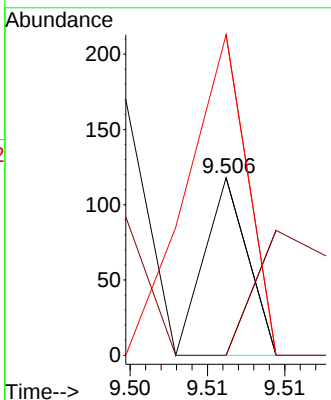
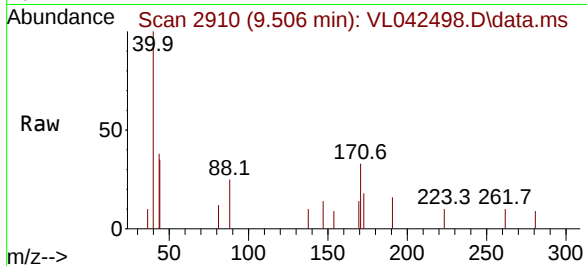




#49
Bromoform
Concen: 0.002 ppbv
RT: 9.506 min Scan# 24
Delta R.T. 0.026 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

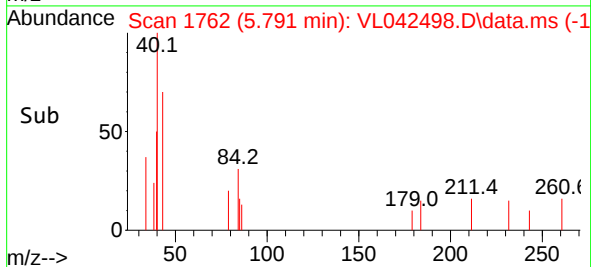
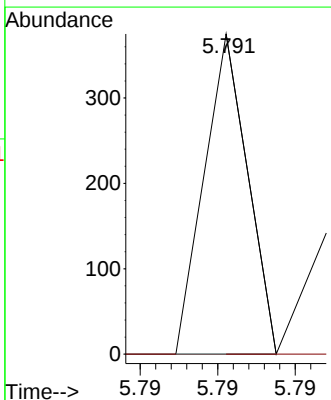
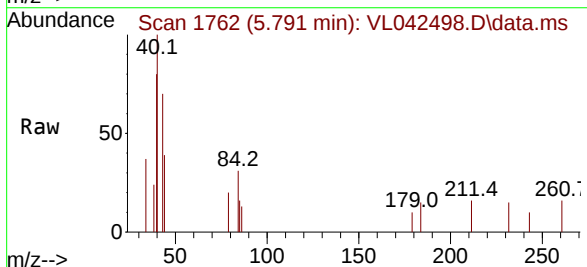
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

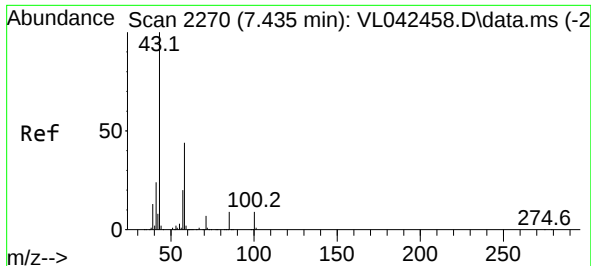
Tgt Ion:173 Resp: 23
Ion Ratio Lower Upper
173 100
175 0.0 38.9 58.3#
171 343.5 40.6 60.8#



#50
4-Methyl-2-Pentanone
Concen: 0.005 ppbv
RT: 5.791 min Scan# 1762
Delta R.T. 0.042 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
58 0.0 29.5 44.3#

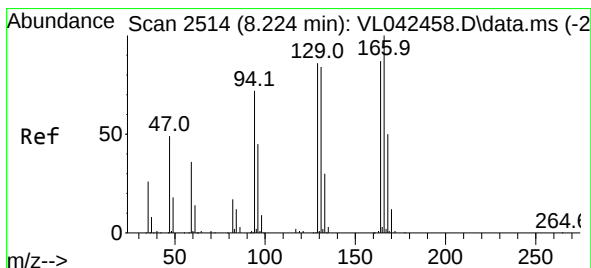
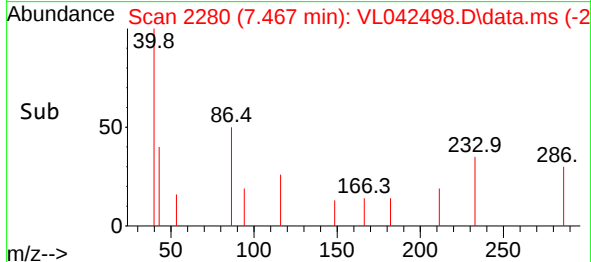
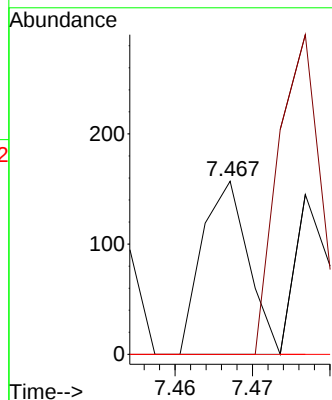
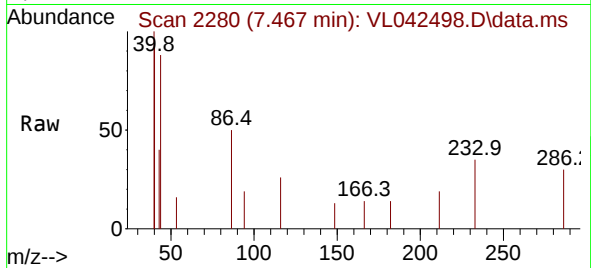




#51
2-Hexanone
Concen: 0.005 ppbv
RT: 7.467 min Scan# 21
Delta R.T. 0.032 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

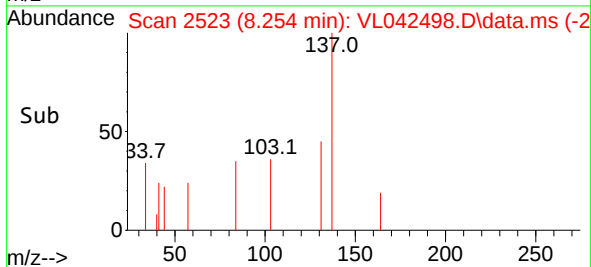
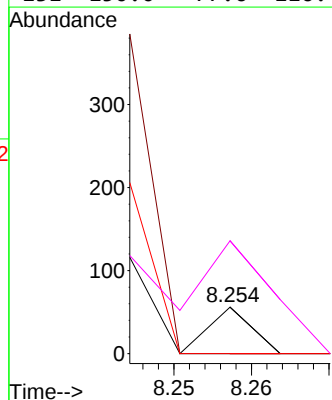
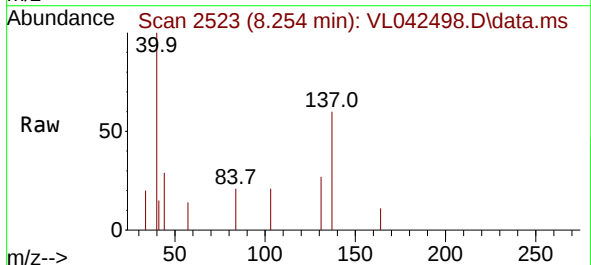
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

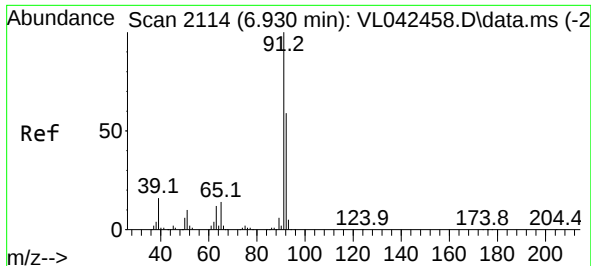
Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.002 ppbv
RT: 8.254 min Scan# 2523
Delta R.T. 0.029 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion: 164 Resp: 11
Ion Ratio Lower Upper
164 100
166 0.0 91.6 137.4#
129 0.0 79.0 118.4#
131 150.0 77.6 116.4#

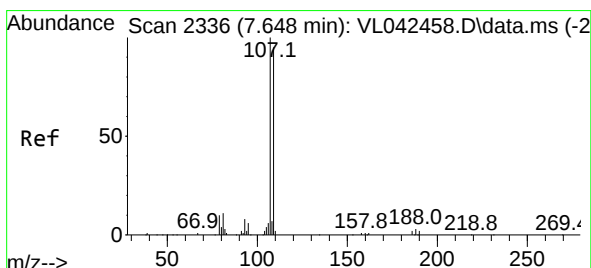
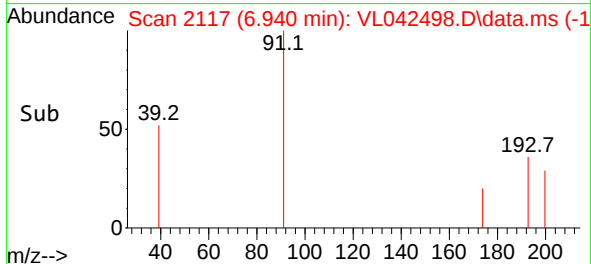
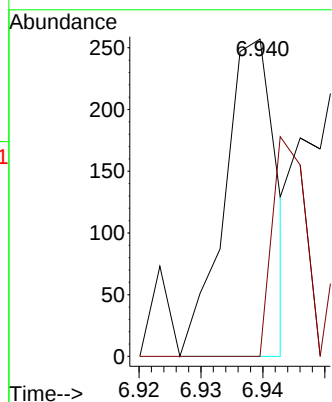
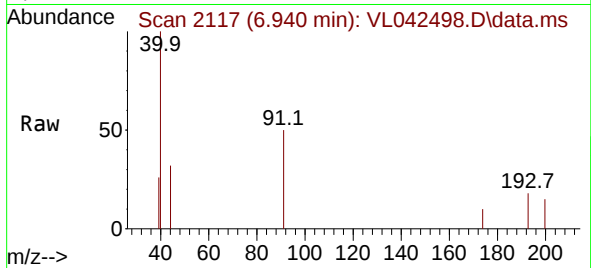




#53
Toluene
Concen: 0.009 ppbv
RT: 6.940 min Scan# 2114
Delta R.T. 0.010 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

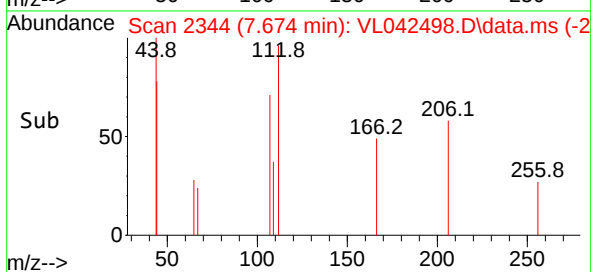
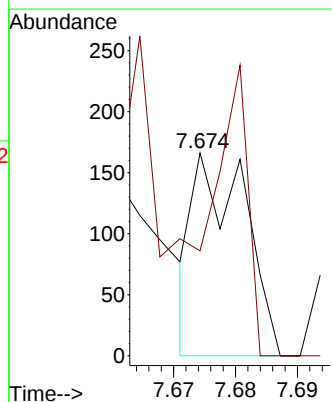
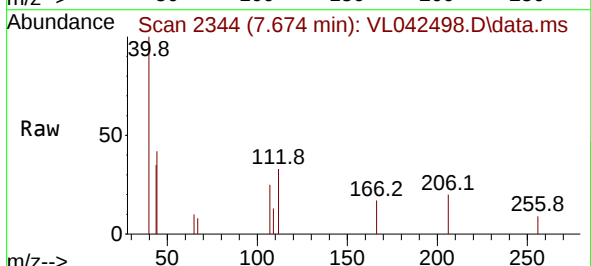
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

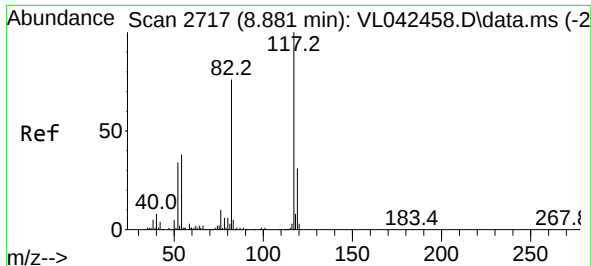
Tgt Ion: 91 Resp: 150
Ion Ratio Lower Upper
91 100
92 66.7 47.9 71.9



#54
1,2-Dibromoethane
Concen: 0.009 ppbv
RT: 7.674 min Scan# 2344
Delta R.T. 0.026 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion: 107 Resp: 97
Ion Ratio Lower Upper
107 100
109 51.8 76.0 114.0#

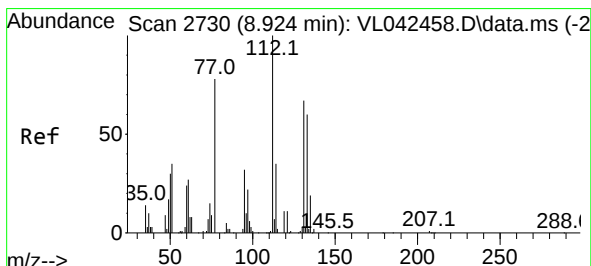
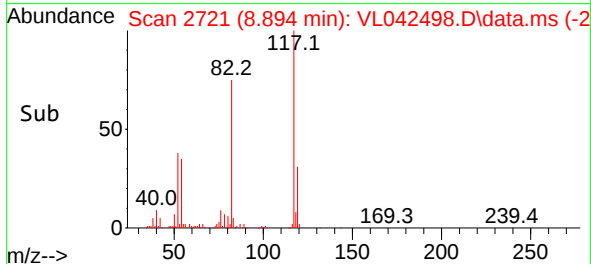
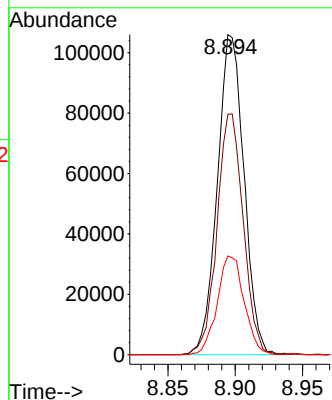
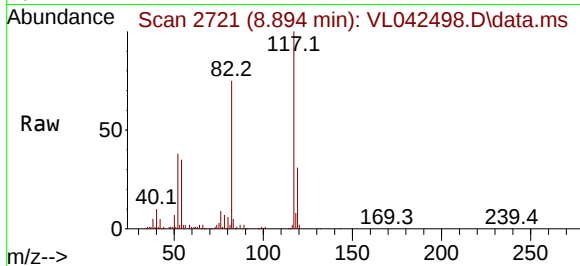




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 2717
Delta R.T. 0.013 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

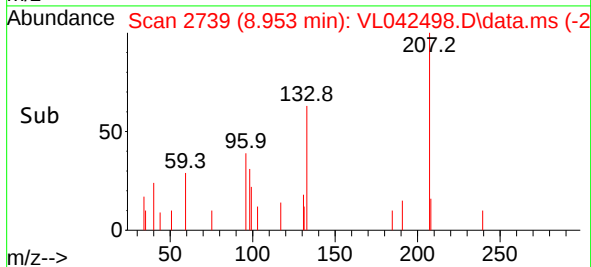
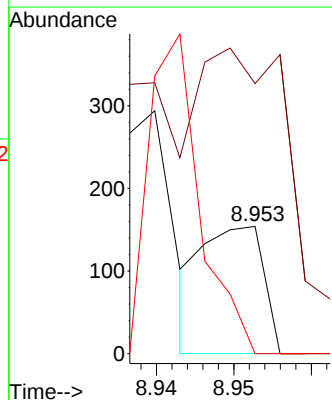
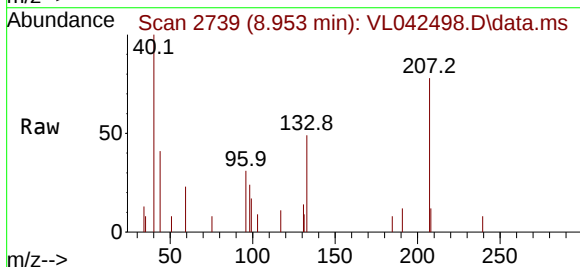
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

Tgt Ion:117 Resp: 146037
Ion Ratio Lower Upper
117 100
82 73.9 63.5 95.3
119 31.2 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.010 ppbv
RT: 8.953 min Scan# 2739
Delta R.T. 0.029 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion:131 Resp: 85
Ion Ratio Lower Upper
131 100
133 0.0 76.0 114.0#
119 0.0 46.1 69.1#

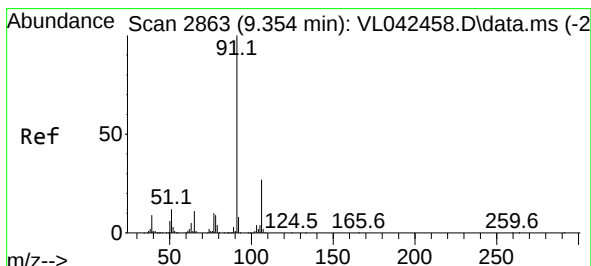
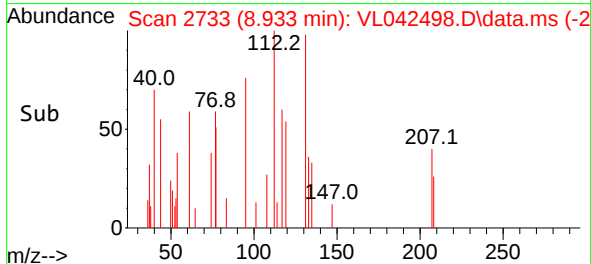
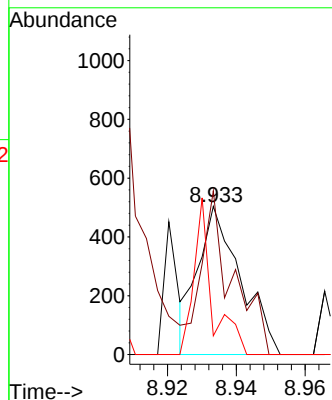
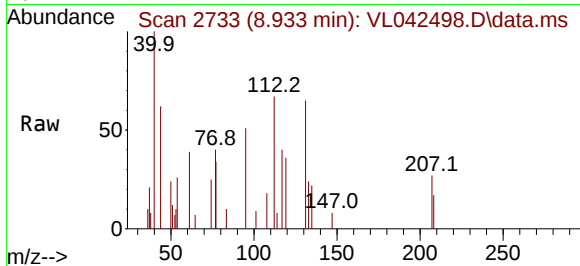




#57
Chlorobenzene
Concen: 0.030 ppbv
RT: 8.933 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

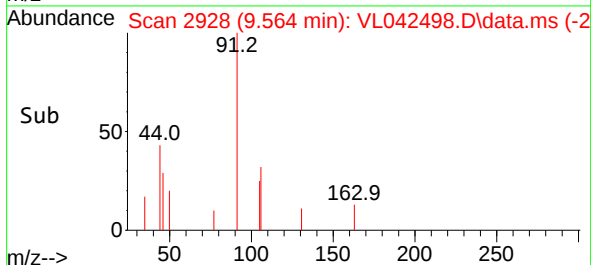
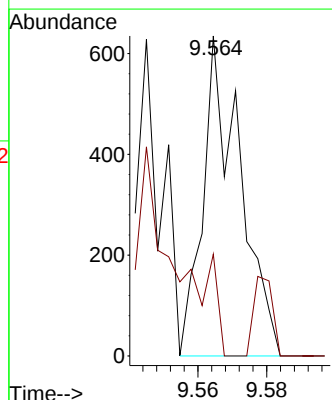
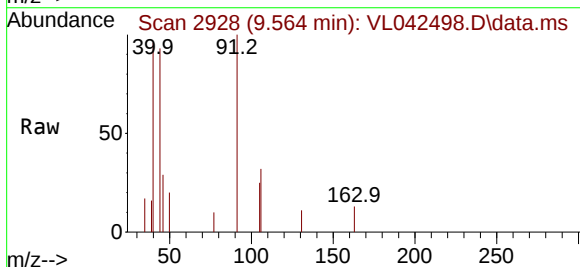
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

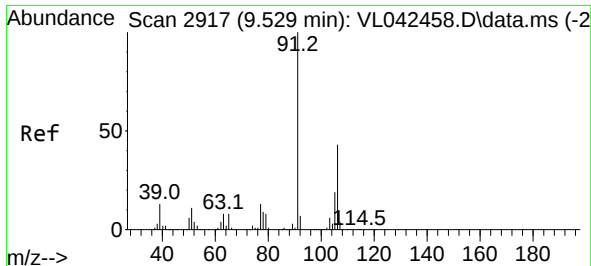
Tgt Ion:112 Resp: 435
Ion Ratio Lower Upper
112 100
77 110.5 65.0 97.4#
114 12.7 27.5 33.7#



#58
Ethyl Benzene
Concen: 0.019 ppbv
RT: 9.564 min Scan# 2928
Delta R.T. 0.210 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion: 91 Resp: 472
Ion Ratio Lower Upper
91 100
106 31.8 21.9 32.9





#59

m/p-Xylene

Concen: 0.022 ppbv

RT: 9.545 min Scan# 2917

Delta R.T. 0.016 min

Lab File: VL042498.D

Acq: 06 May 2025 16:01

Instrument :

MSVOA_L

ClientSampleId :

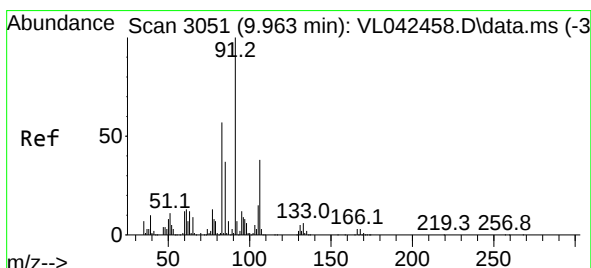
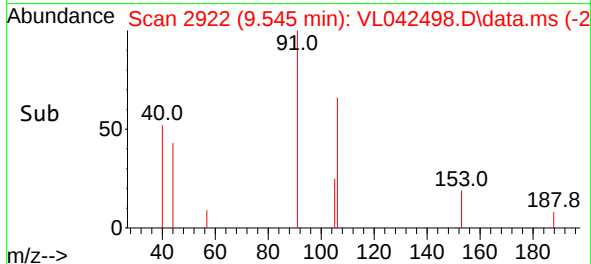
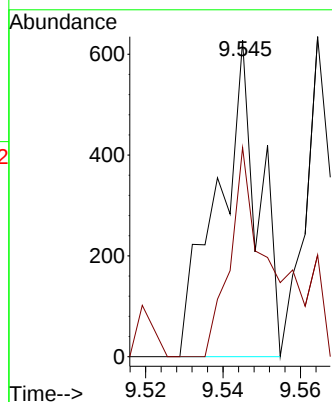
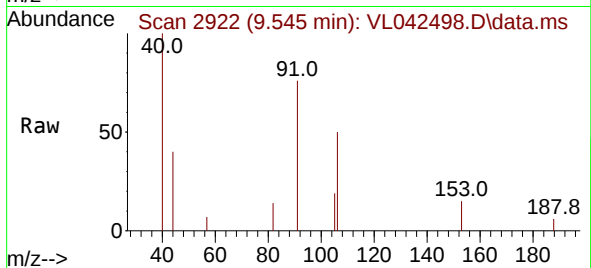
MDL1 0.03

Tgt Ion: 91 Resp: 454

Ion Ratio Lower Upper

91 100

106 93.6 34.2 51.2#



#60

o-Xylene

Concen: 0.013 ppbv

RT: 9.982 min Scan# 3057

Delta R.T. 0.019 min

Lab File: VL042498.D

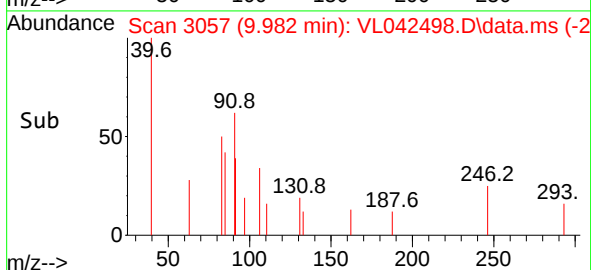
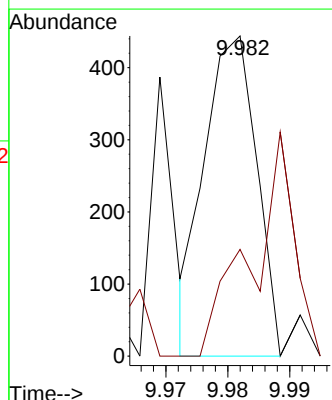
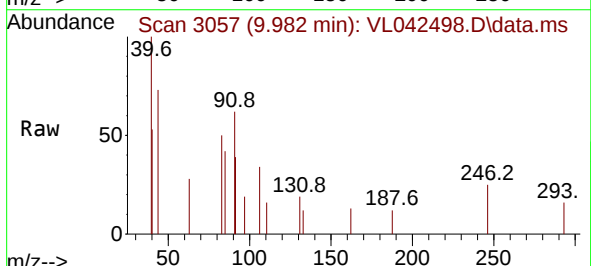
Acq: 06 May 2025 16:01

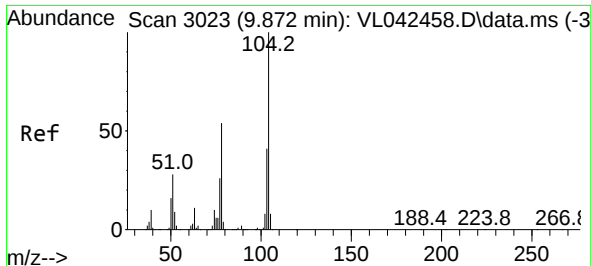
Tgt Ion: 91 Resp: 258

Ion Ratio Lower Upper

91 100

106 0.0 20.1 60.2#

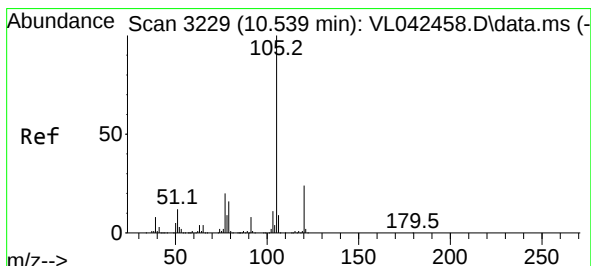
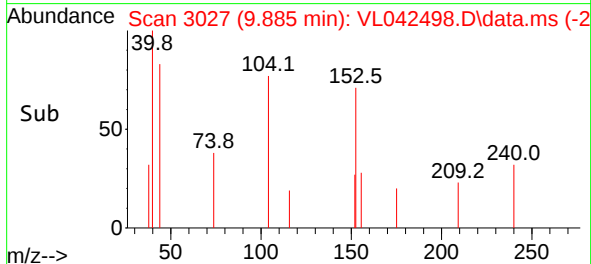
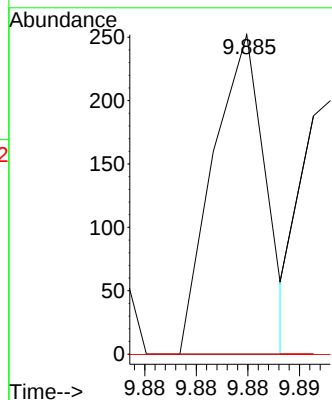
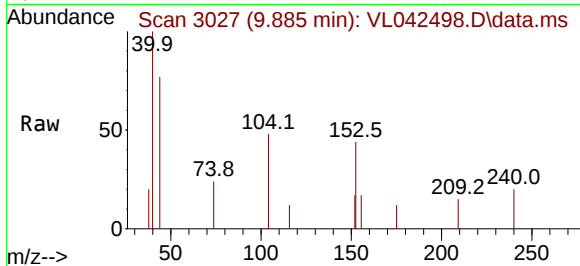




#61
Styrene
Concen: 0.012 ppbv
RT: 9.885 min Scan# 3023
Delta R.T. 0.013 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

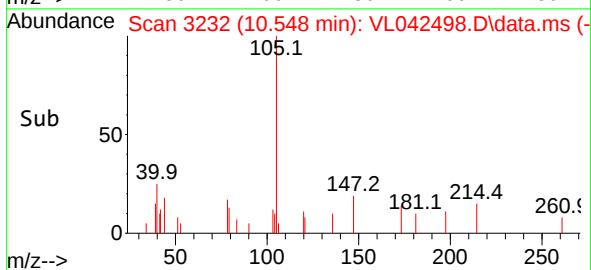
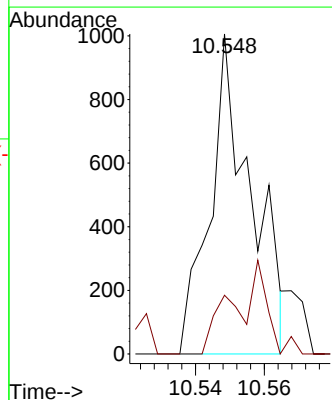
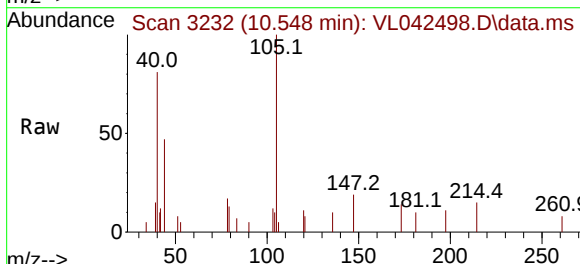
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

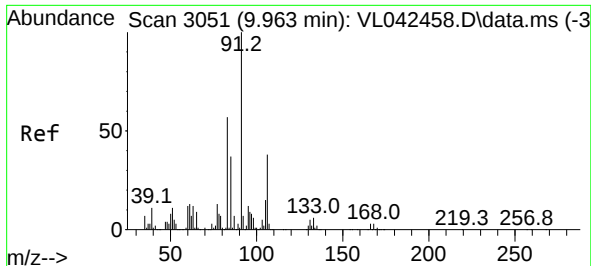
Tgt Ion:104 Resp: 91
Ion Ratio Lower Upper
104 100
78 0.0 46.9 70.3#
103 0.0 36.6 55.0#



#62
Isopropylbenzene
Concen: 0.028 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. 0.010 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion:105 Resp: 832
Ion Ratio Lower Upper
105 100
120 23.9 18.8 28.2

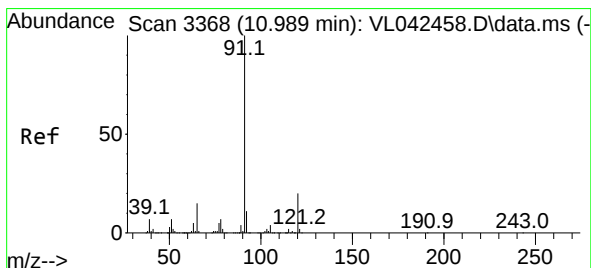
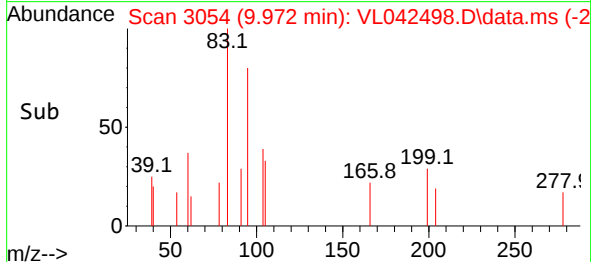
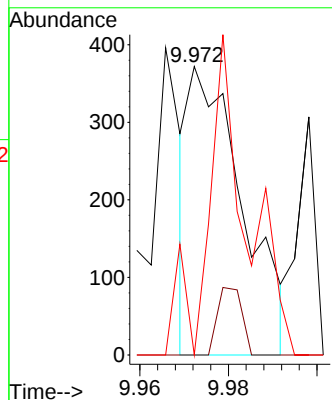
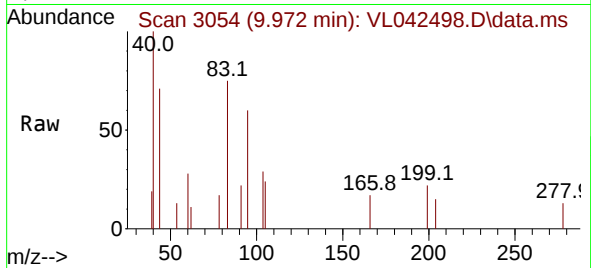




#63
1,1,2,2-Tetrachloroethane
Concen: 0.022 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.010 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

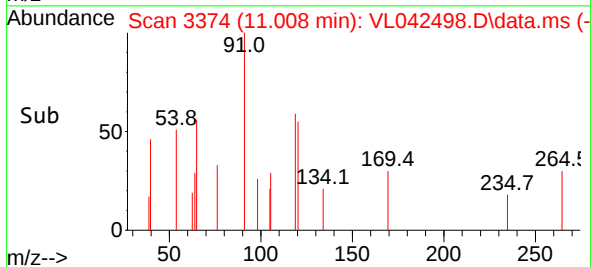
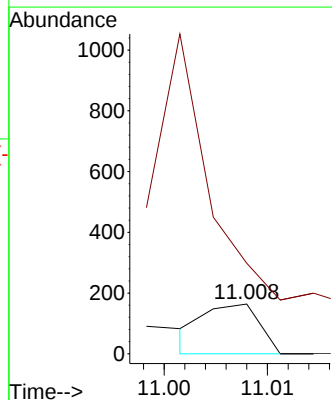
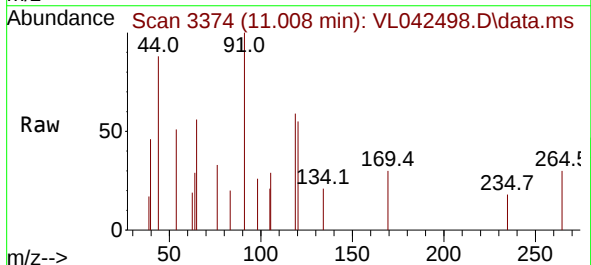
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

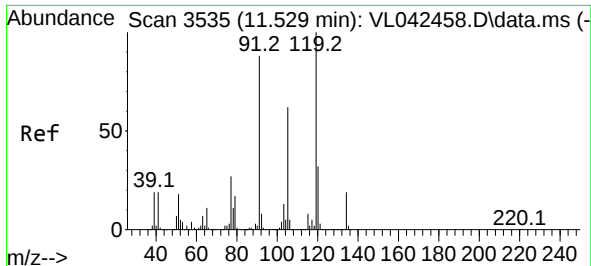
Tgt Ion: 83 Resp: 314
Ion Ratio Lower Upper
83 100
131 10.5 4.7 14.1
85 81.2 32.5 97.4



#64
n-propylbenzene
Concen: 0.008 ppbv
RT: 11.008 min Scan# 3374
Delta R.T. 0.019 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion: 120 Resp: 61
Ion Ratio Lower Upper
120 100
91 0.0 408.6 612.8#

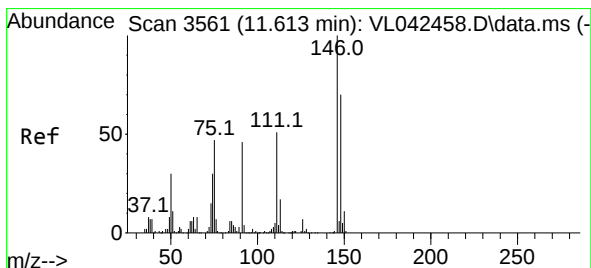
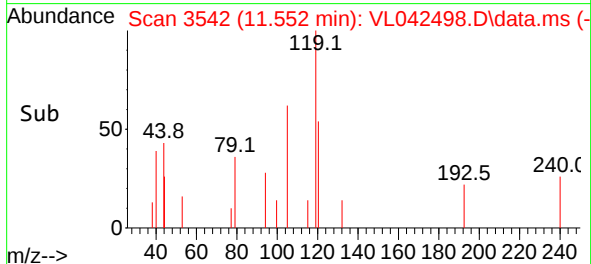
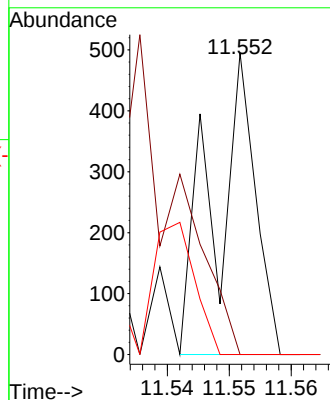
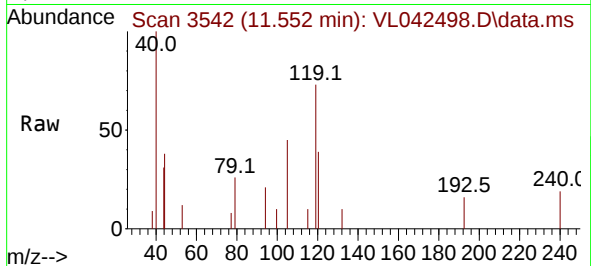




#65
tert-Butylbenzene
Concen: 0.009 ppbv
RT: 11.552 min Scan# 311
Delta R.T. 0.023 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

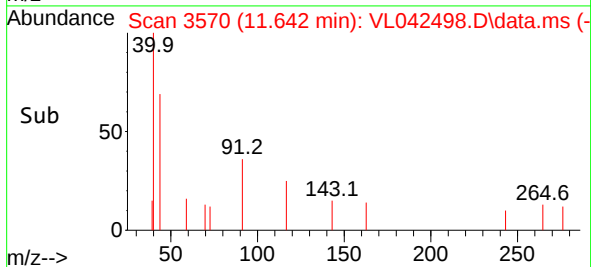
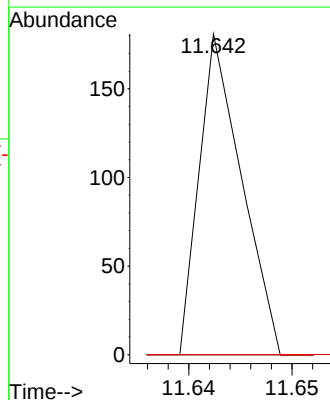
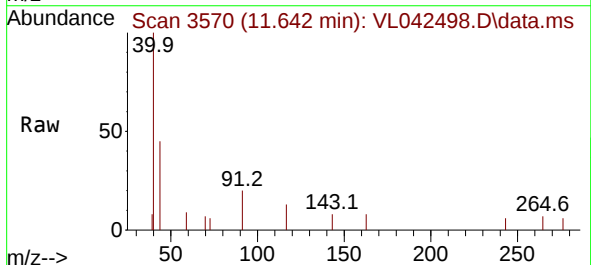
Instrument :
MSVOA_1
ClientSampleId :
MDL1 0.03

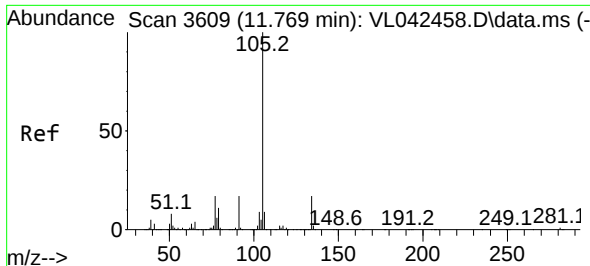
Tgt Ion:119 Resp: 227
Ion Ratio Lower Upper
119 100
91 0.0 71.6 107.4#
134 0.0 15.0 22.4#



#66
Benzyl Chloride
Concen: 0.017 ppbv
RT: 11.642 min Scan# 3570
Delta R.T. 0.029 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion: 91 Resp: 52
Ion Ratio Lower Upper
91 100
126 84.6 13.3 19.9#
128 0.0 4.2 6.4#

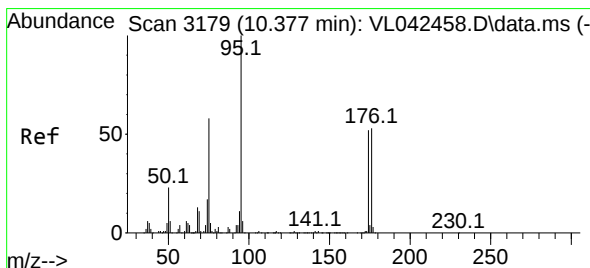
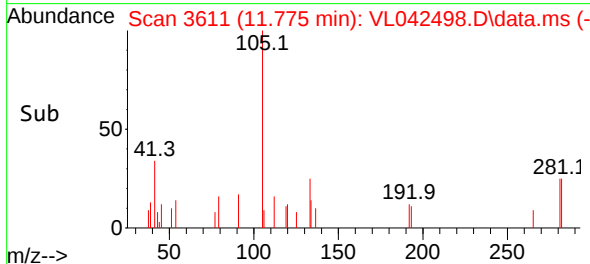
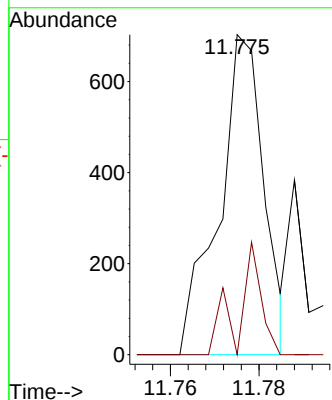
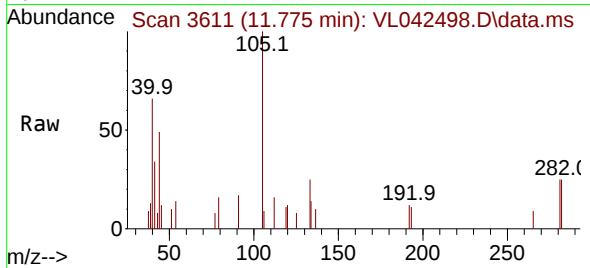




#67
 sec-Butylbenzene
 Concen: 0.013 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.007 min
 Lab File: VL042498.D
 Acq: 06 May 2025 16:01

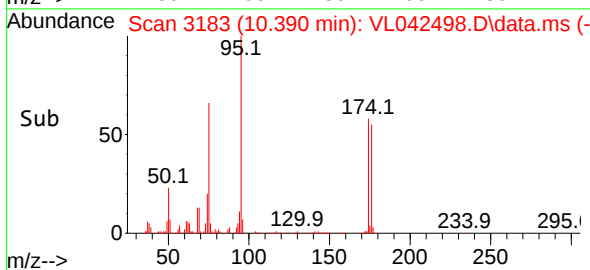
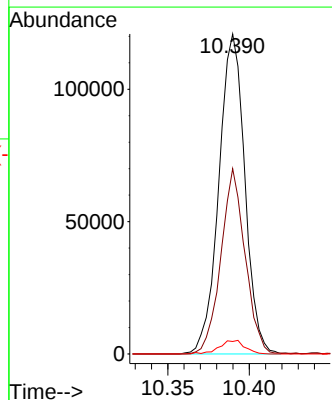
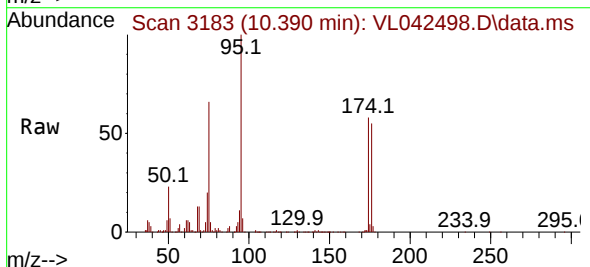
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.03

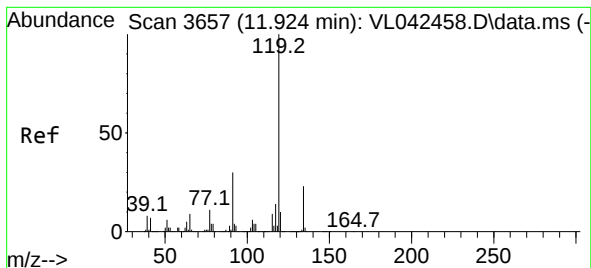
Tgt Ion:105 Resp: 497
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.864 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. 0.013 min
 Lab File: VL042498.D
 Acq: 06 May 2025 16:01

Tgt Ion: 95 Resp: 133555
 Ion Ratio Lower Upper
 95 100
 174 54.3 42.7 64.1
 175 4.1 3.6 5.4





#69

p-Isopropyltoluene

Concen: 0.006 ppbv

RT: 11.947 min Scan# 3

Delta R.T. 0.023 min

Lab File: VL042498.D

Acq: 06 May 2025 16:01

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.03

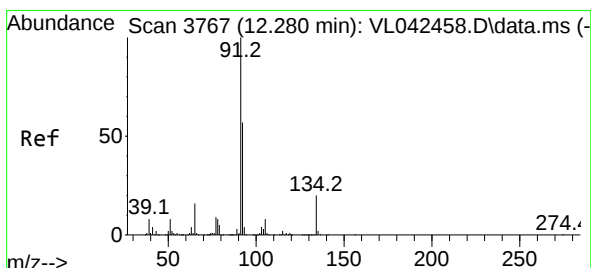
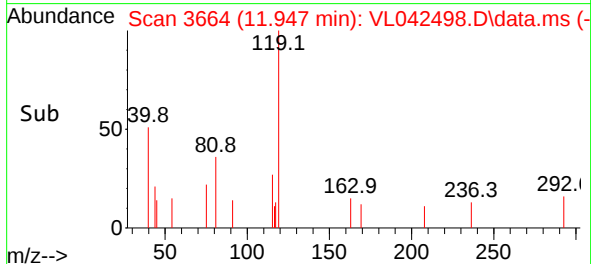
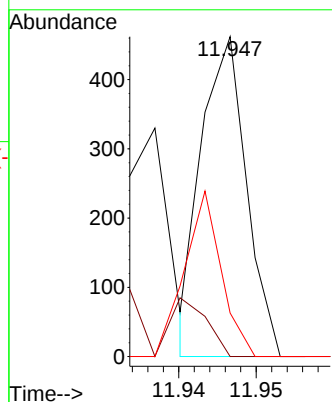
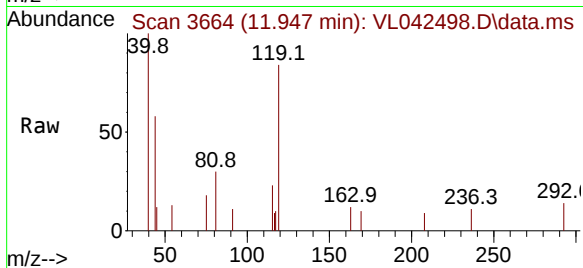
Tgt Ion:119 Resp: 186

Ion Ratio Lower Upper

119 100

134 0.0 19.0 28.4#

91 58.1 25.5 38.3#



#70

n-Butylbenzene

Concen: 0.004 ppbv

RT: 12.303 min Scan# 3774

Delta R.T. 0.023 min

Lab File: VL042498.D

Acq: 06 May 2025 16:01

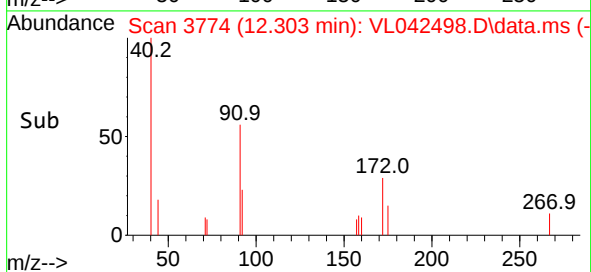
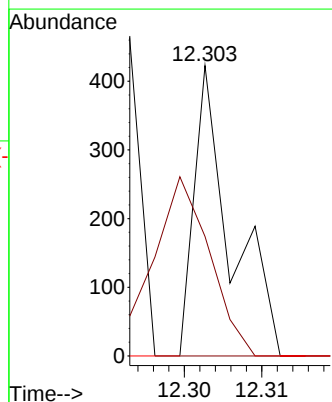
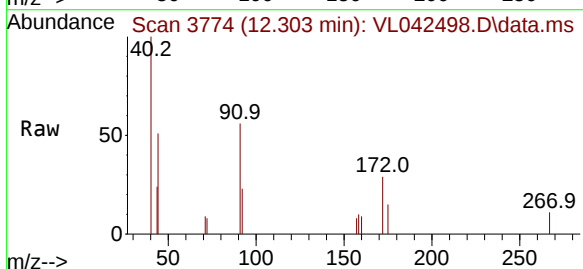
Tgt Ion: 91 Resp: 139

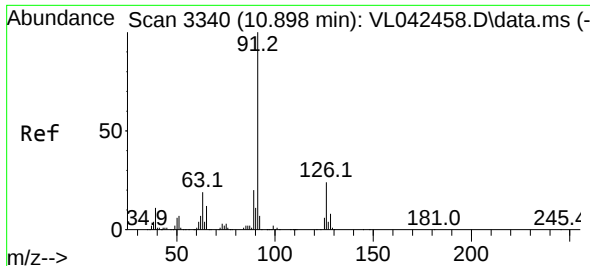
Ion Ratio Lower Upper

91 100

92 125.2 44.0 66.0#

134 0.0 16.8 25.2#

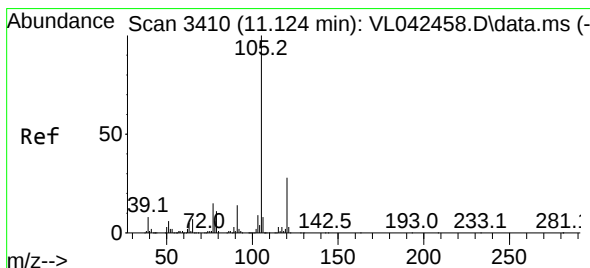
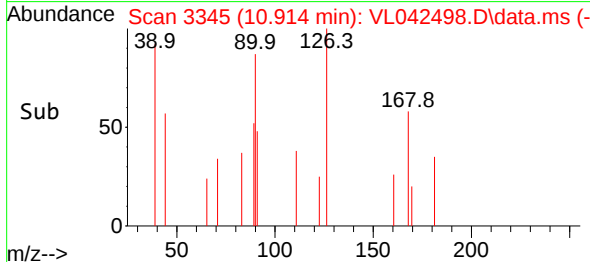
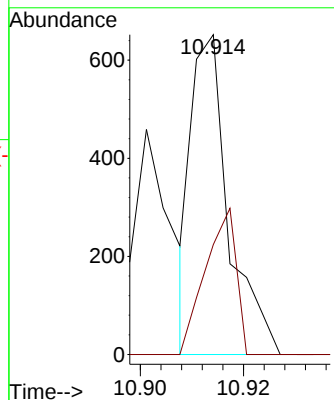
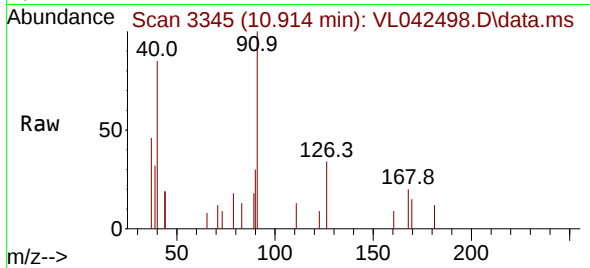




#71
2-Chlorotoluene
Concen: 0.014 ppbv
RT: 10.914 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

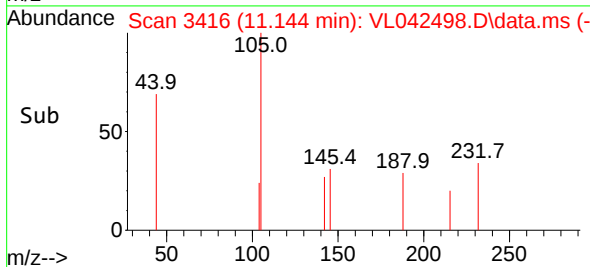
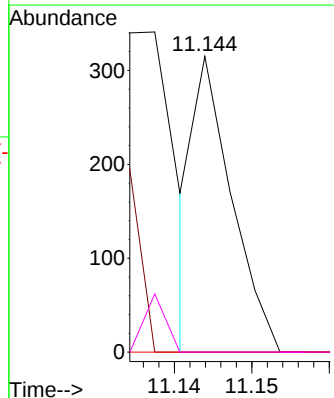
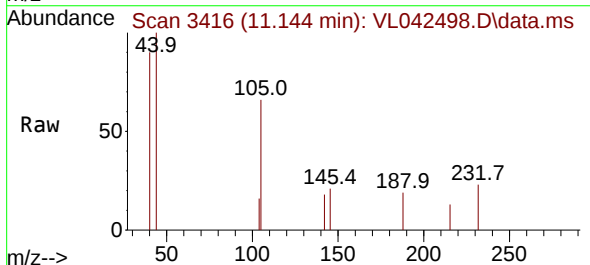
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

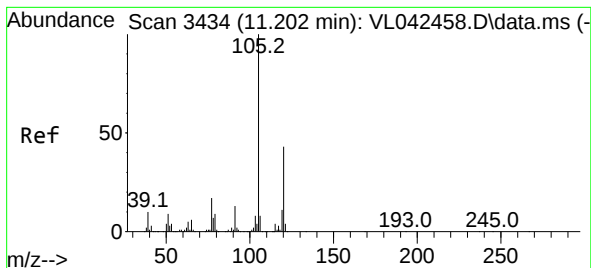
Tgt Ion: 91 Resp: 325
Ion Ratio Lower Upper
91 100
126 38.2 10.6 42.2



#72
4-Ethyltoluene
Concen: 0.004 ppbv
RT: 11.144 min Scan# 3416
Delta R.T. 0.019 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion: 105 Resp: 107
Ion Ratio Lower Upper
105 100
120 0.0 22.0 33.0#
91 0.0 11.2 16.8#
77 0.0 12.2 18.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.006 ppbv

RT: 11.225 min Scan# 34

Delta R.T. 0.023 min

Lab File: VL042498.D

Acq: 06 May 2025 16:01

Instrument :

MSVOA_L

ClientSampleId :

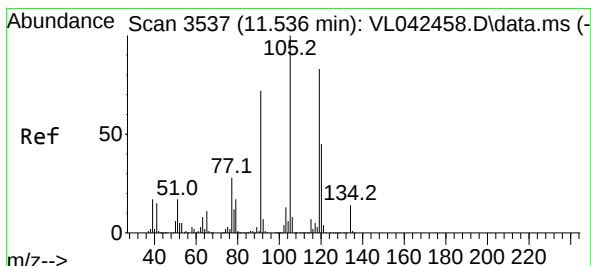
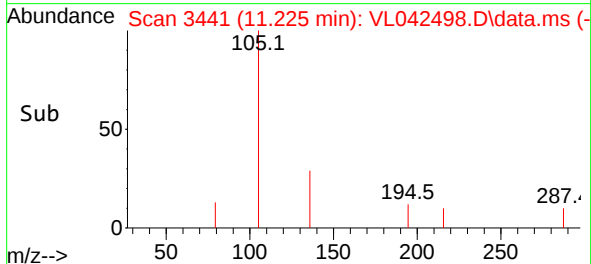
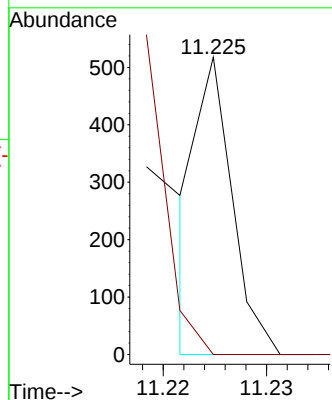
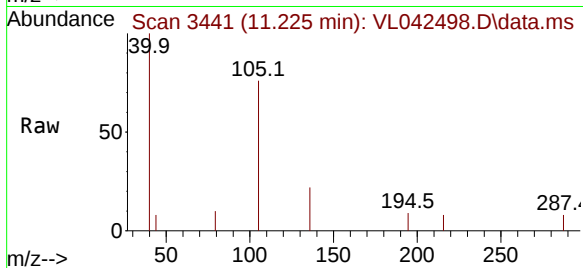
MDL1 0.03

Tgt Ion:105 Resp: 118

Ion Ratio Lower Upper

105 100

120 0.0 34.4 51.6#



#74

1,2,4-Trimethylbenzene

Concen: 0.018 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.010 min

Lab File: VL042498.D

Acq: 06 May 2025 16:01

Tgt Ion:105 Resp: 458

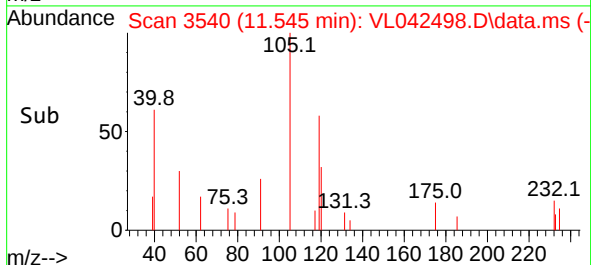
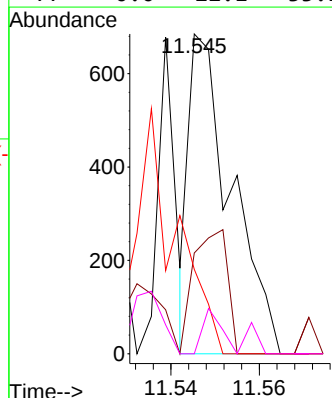
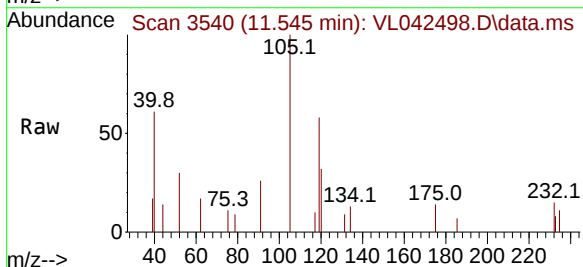
Ion Ratio Lower Upper

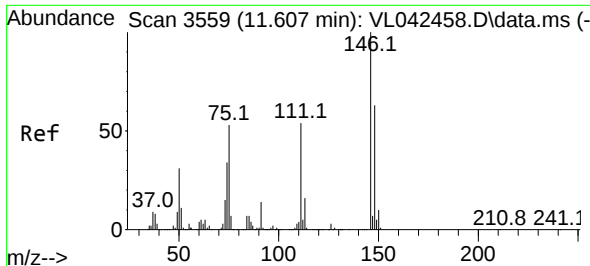
105 100

120 31.5 36.1 54.1#

91 26.4 57.6 86.4#

77 0.0 22.1 33.1#

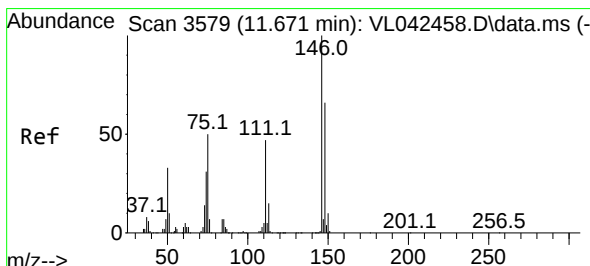
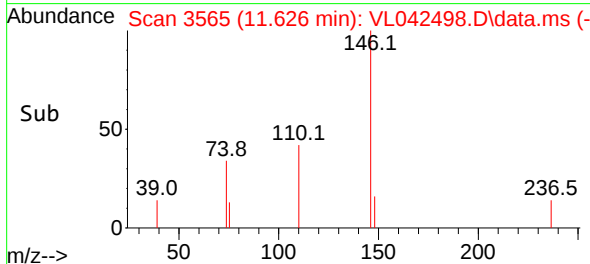
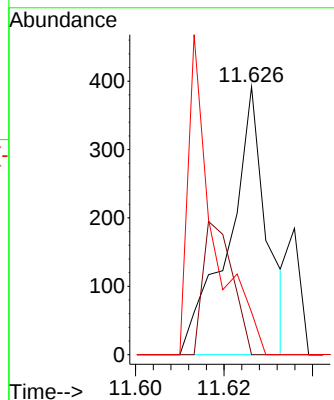
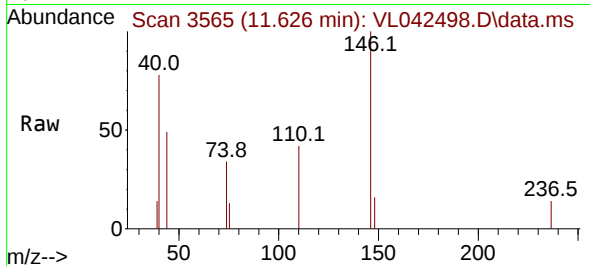




#75
1,3-Dichlorobenzene
Concen: 0.016 ppbv
RT: 11.626 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

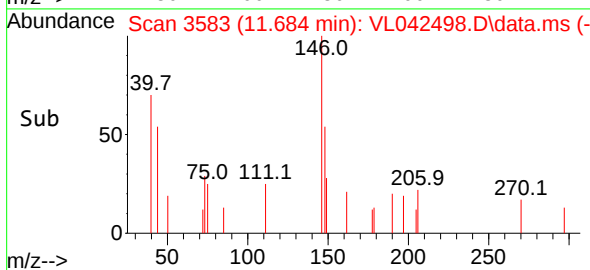
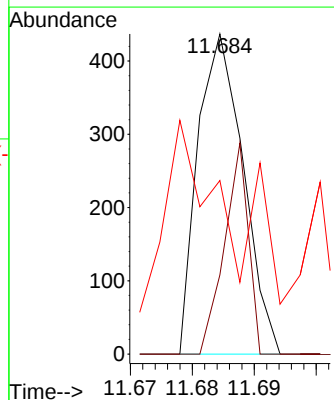
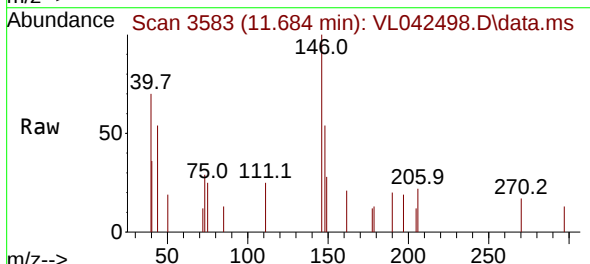
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

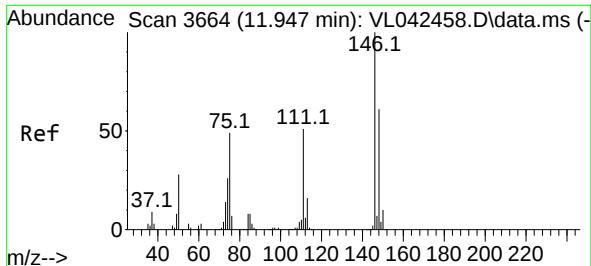
Tgt Ion:146 Resp: 232
Ion Ratio Lower Upper
146 100
111 38.8 26.1 78.3
148 78.9 32.0 96.0



#76
1,4-Dichlorobenzene
Concen: 0.016 ppbv
RT: 11.684 min Scan# 3583
Delta R.T. 0.013 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Tgt Ion:146 Resp: 222
Ion Ratio Lower Upper
146 100
111 34.7 24.4 73.2
148 151.8 32.0 96.2#

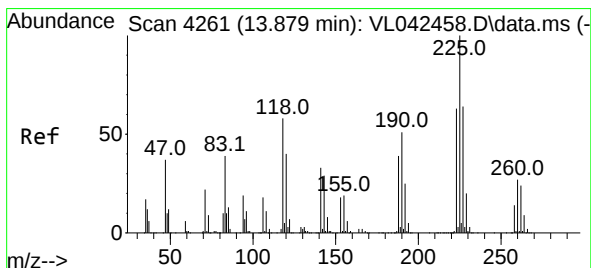
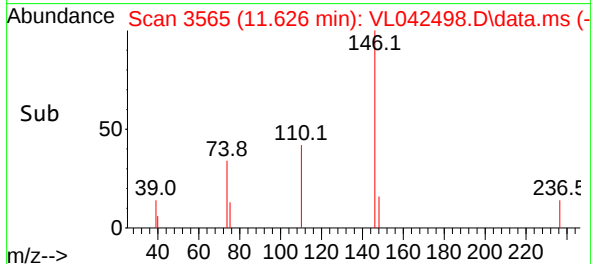
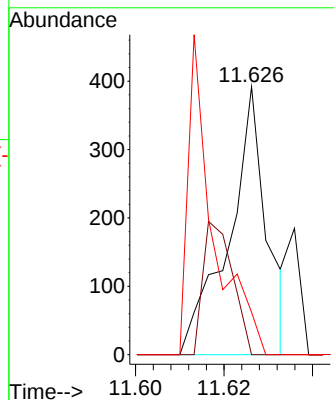
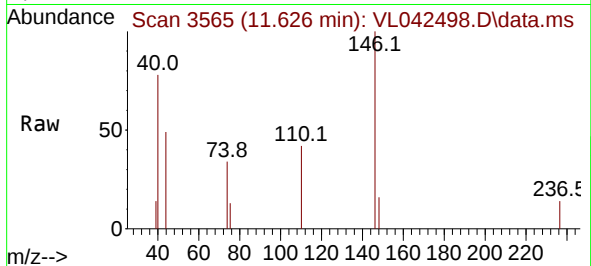




#77
1,2-Dichlorobenzene
Concen: 0.017 ppbv
RT: 11.626 min Scan# 31
Delta R.T. -0.320 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

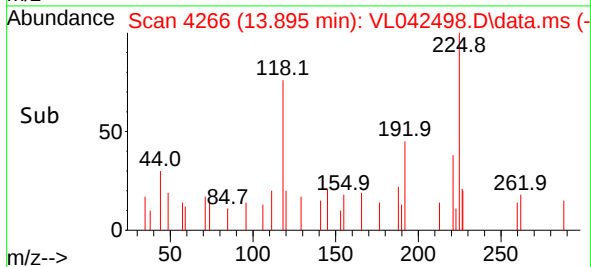
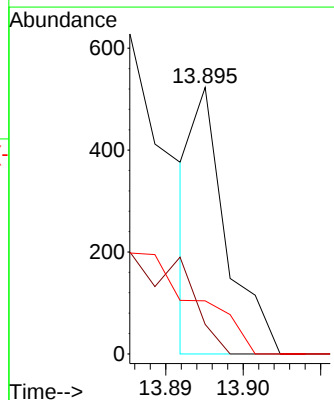
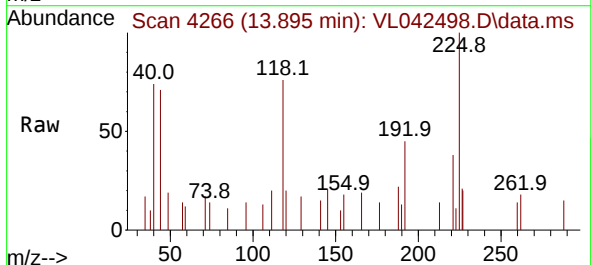
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

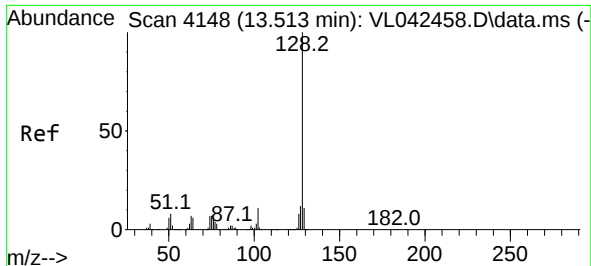
Tgt Ion:146 Resp: 232
Ion Ratio Lower Upper
146 100
111 38.8 26.5 79.5
148 78.9 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.011 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. 0.016 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

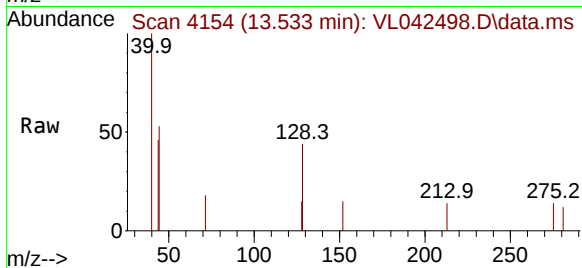
Tgt Ion:225 Resp: 153
Ion Ratio Lower Upper
225 100
223 0.0 50.2 75.4#
227 0.0 51.2 76.8#



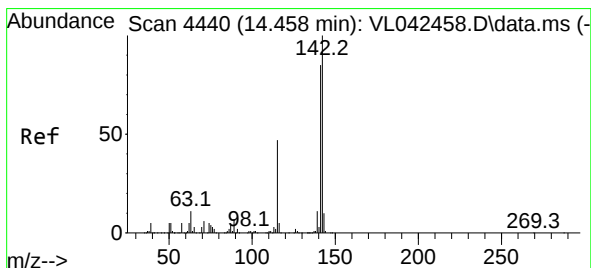
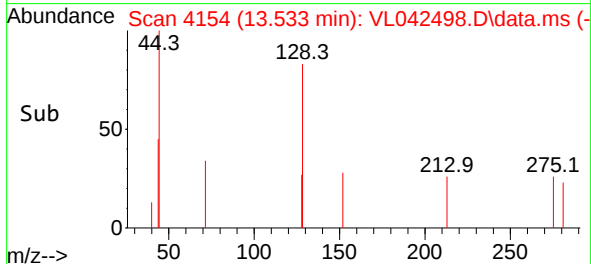
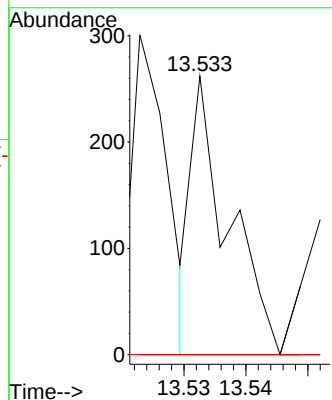


#79
Naphthalene
Concen: 0.005 ppbv
RT: 13.533 min Scan# 4148
Delta R.T. 0.019 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.03

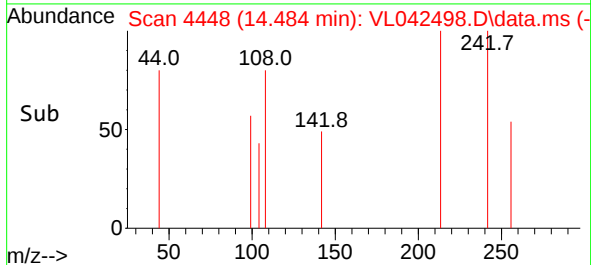
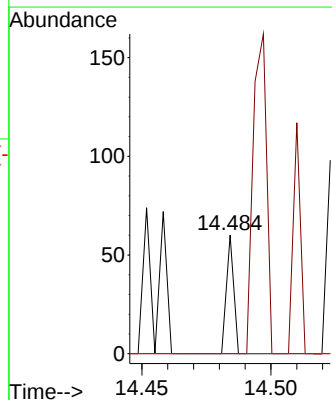
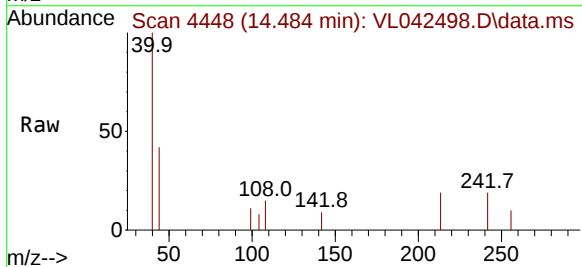


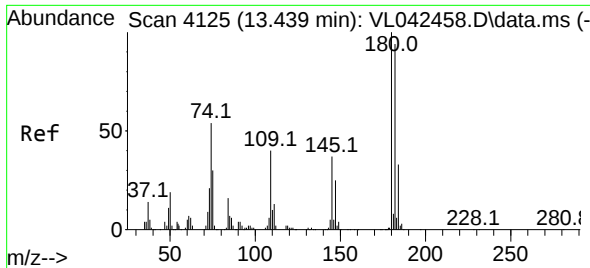
Tgt Ion:128 Resp: 108
Ion Ratio Lower Upper
128 100
127 24.8 9.7 14.5#
129 0.0 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 0.001 ppbv
RT: 14.484 min Scan# 4448
Delta R.T. 0.026 min
Lab File: VL042498.D
Acq: 06 May 2025 16:01

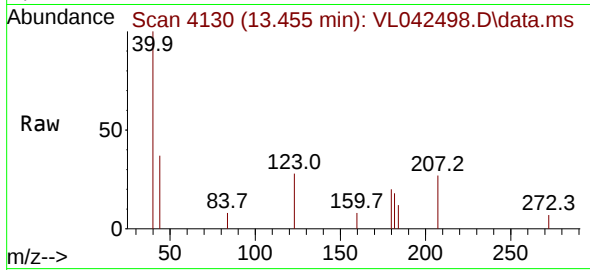
Tgt Ion:142 Resp: 12
Ion Ratio Lower Upper
142 100
141 675.0 67.4 101.0#
115 0.0 36.9 55.3#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.006 ppbv
 RT: 13.455 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VL042498.D
 Acq: 06 May 2025 16:01

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.03



Tgt Ion:180 Resp: 66
 Ion Ratio Lower Upper
 180 100
 182 116.7 74.6 111.8#
 184 107.6 24.9 37.3#

