

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042497.D
 Acq On : 06 May 2025 15:29
 Operator : SY/MD
 Sample : MDL3 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45

Quant Time: May 07 01:41:37 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	67149	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.972	114	175094	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.898	117	146510	10.000	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	143269	10.547	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	6699	0.603	ppbv	96
3) Chlorodifluoromethane	1.479	51	6487	0.552	ppbv	93
4) Chloromethane	1.534	50	2936	0.632	ppbv #	74
5) Vinyl Chloride	1.583	62	2599	0.556	ppbv	97
6) Bromomethane	1.670	94	1459	0.660	ppbv #	61
7) Chloroethane	1.709	64	966	0.559	ppbv #	84
8) Dichlorotetrafluoroethane	1.557	85	5750	0.628	ppbv	94
9) Propene	1.486	41	1592	0.414	ppbv #	82
10) Heptane	4.994	43	1735	0.174	ppbv #	23
11) Trichlorofluoromethane	1.884	101	6089	0.594	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.146	101	5312	0.649	ppbv	98
13) Ethanol	1.729	45	925	1.186	ppbv	78
14) Bromoethene	1.784	108	1924	0.637	ppbv #	89
15) Acetone	1.842	43	7859	0.641	ppbv #	89
16) 1,3-Butadiene	1.615	39	3011	0.557	ppbv	99
17) tert-Butyl alcohol	2.049	59	5716	0.529	ppbv #	85
18) 1,1-Dichloroethene	2.043	96	2227	0.583	ppbv #	87
19) Isopropyl Alcohol	1.894	45	3463	0.510	ppbv #	93
20) Methylene Chloride	2.065	84	2653	0.720	ppbv	98
21) Allyl Chloride	2.104	41	4390	0.557	ppbv	89
22) trans-1,2-Dichloroethene	2.350	96	2484	0.556	ppbv #	80
23) Vinyl Acetate	2.470	43	5617	0.480	ppbv #	93
24) 1,1-Dichloroethane	2.415	63	5025	0.552	ppbv #	85
25) Ethyl Acetate	2.849	43	6821	0.348	ppbv #	88
26) Hexane	2.829	57	3384	0.396	ppbv #	84
27) Carbon Disulfide	2.159	76	5150	0.516	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	3132	0.610	ppbv	94
29) Chloroform	2.858	83	8527	0.532	ppbv	99
30) Cyclohexane	3.868	84	931	0.130	ppbv #	1
31) cis-1,2-Dichloroethene	2.732	61	4282	0.429	ppbv #	86
32) 1,1,1-Trichloroethane	3.376	97	8445	0.486	ppbv	99
34) 2-Butanone	2.567	43	6548	0.517	ppbv	100
35) Carbon Tetrachloride	3.774	117	9078	0.571	ppbv	92
36) Benzene	3.667	78	7205	0.436	ppbv #	83
37) 1,2-Dichloroethane	3.227	62	5322	0.418	ppbv #	95
38) Trichloroethene	4.561	130	2809	0.446	ppbv #	81
39) 1,2-Dichloropropane	4.321	63	1302	0.210	ppbv #	83
40) 1,4-Dioxane	4.616	88	499	0.172	ppbv #	100
41) Tetrahydrofuran	3.072	42	962	0.160	ppbv #	20
42) Bromodichloromethane	4.512	83	8270	0.531	ppbv #	86
43) Methyl Methacrylate	4.901	69	1303	0.211	ppbv #	1
44) 2,2,4-Trimethylpentane	4.651	57	788	0.029	ppbv #	1
45) t-1,3-Dichloropropene	6.422	75	686	0.085	ppbv	98

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 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

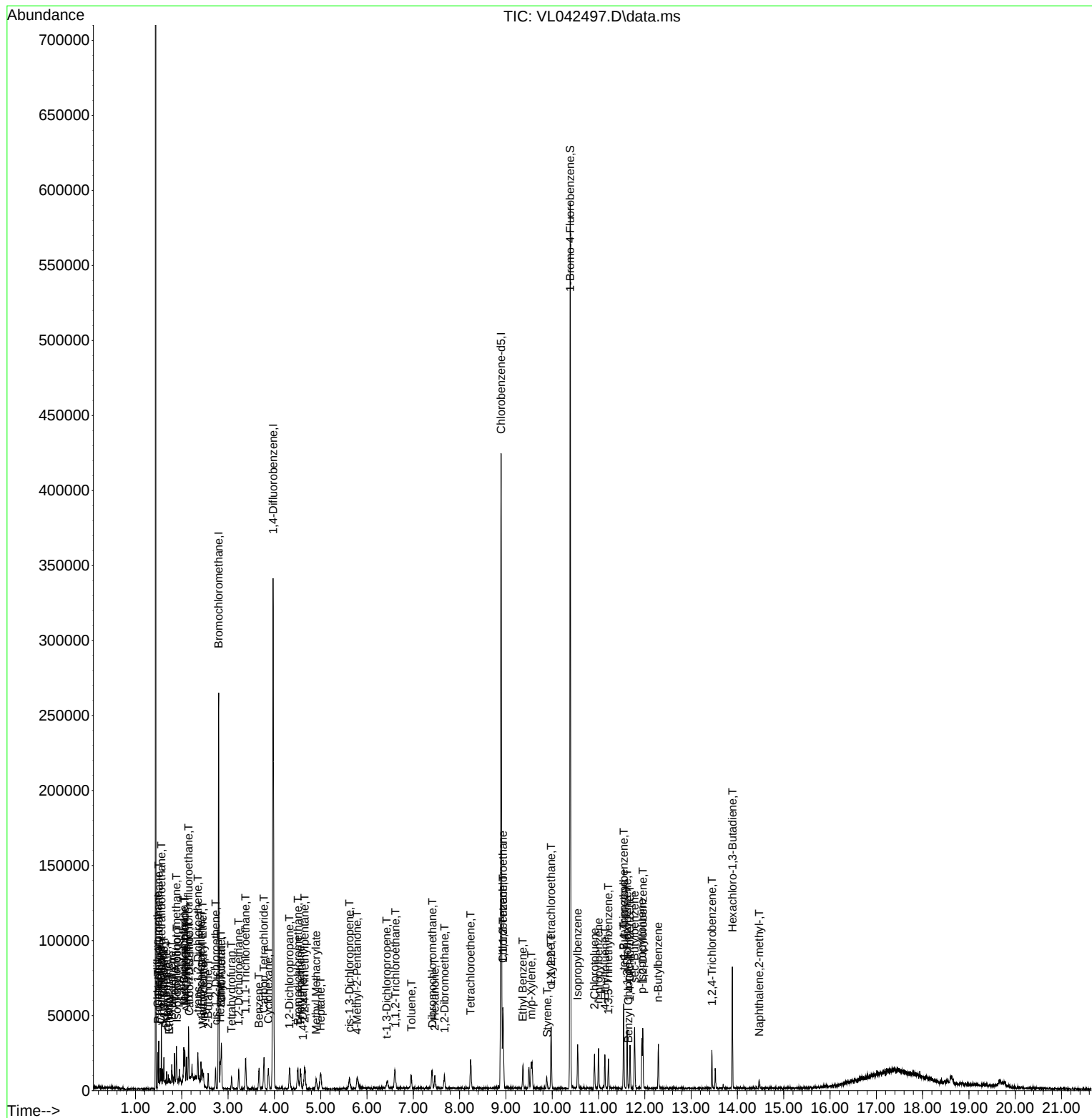
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.619	75	815	0.085	ppbv	#	87
47) 1,1,2-Trichloroethane	6.613	97	853	0.126	ppbv	#	32
48) Dibromochloromethane	7.412	129	1652	0.144	ppbv	#	1
50) 4-Methyl-2-Pentanone	5.784	43	2892	0.181	ppbv	#	30
51) 2-Hexanone	7.464	43	3238	0.253	ppbv	#	79
52) Tetrachloroethene	8.238	164	2881	0.458	ppbv	#	84
53) Toluene	6.959	91	2359	0.135	ppbv	#	21
54) 1,2-Dibromoethane	7.678	107	1478	0.143	ppbv		85
56) 1,1,1,2-Tetrachloroethane	8.937	131	4159	0.481	ppbv	#	53
57) Chlorobenzene	8.937	112	8109	0.551	ppbv	#	80
58) Ethyl Benzene	9.364	91	5157	0.211	ppbv		99
59) m/p-Xylene	9.548	91	6546	0.319	ppbv	#	33
60) o-Xylene	9.972	91	6747	0.328	ppbv		98
61) Styrene	9.891	104	476	0.062	ppbv	#	26
62) Isopropylbenzene	10.549	105	10778	0.364	ppbv		98
63) 1,1,2,2-Tetrachloroethane	9.976	83	7080	0.500	ppbv	#	91
64) n-propylbenzene	11.002	120	2689	0.371	ppbv		87
65) tert-Butylbenzene	11.539	119	8871	0.335	ppbv		99
66) Benzyl Chloride	11.643	91	65	0.021	ppbv	#	67
67) sec-Butylbenzene	11.778	105	13100	0.348	ppbv		97
69) p-Isopropyltoluene	11.937	119	9527	0.301	ppbv	#	89
70) n-Butylbenzene	12.290	91	9888	0.302	ppbv		90
71) 2-Chlorotoluene	10.914	91	7782	0.335	ppbv		96
72) 4-Ethyltoluene	11.138	105	7467	0.308	ppbv	#	84
73) 1,3,5-Trimethylbenzene	11.212	105	7226	0.339	ppbv	#	85
74) 1,2,4-Trimethylbenzene	11.545	105	9418	0.365	ppbv		90
75) 1,3-Dichlorobenzene	11.617	146	6836	0.476	ppbv		93
76) 1,4-Dichlorobenzene	11.678	146	6114	0.450	ppbv		96
77) 1,2-Dichlorobenzene	11.956	146	7457	0.531	ppbv		95
78) Hexachloro-1,3-Butadiene	13.892	225	7573	0.540	ppbv		97
80) Naphthalene,2-methyl-	14.471	142	1745	0.108	ppbv	#	86
81) 1,2,4-Trichlorobenzene	13.449	180	3803	0.329	ppbv		97

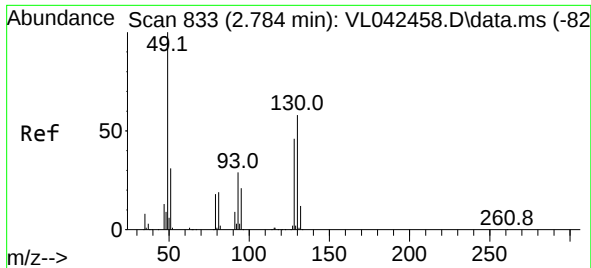
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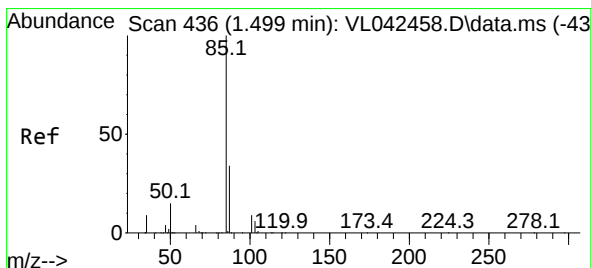
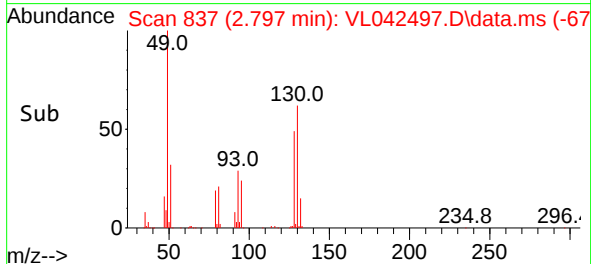
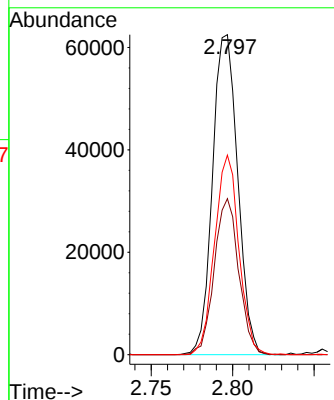
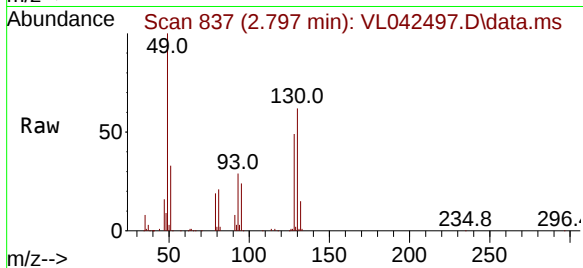




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.797 min Scan# 81
 Delta R.T. 0.013 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

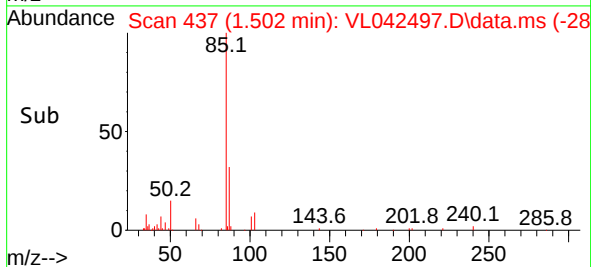
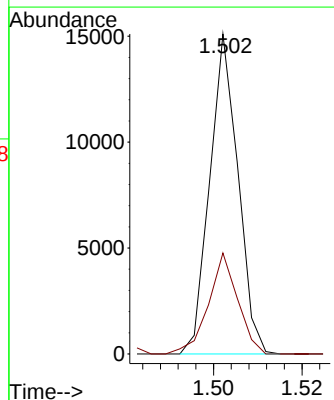
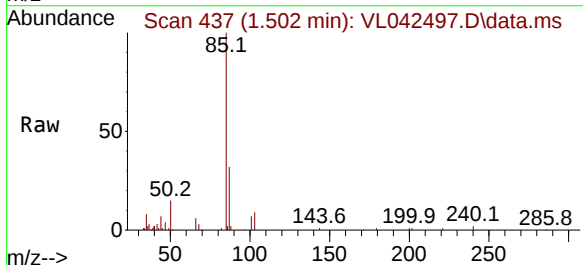
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45

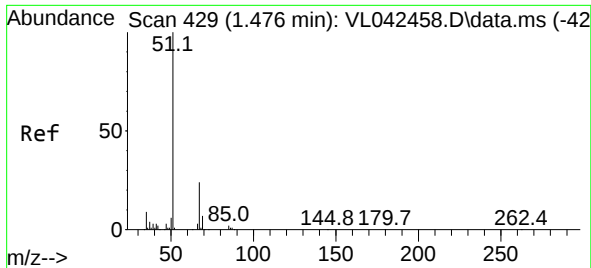
Tgt Ion: 49 Resp: 67149
 Ion Ratio Lower Upper
 49 100
 128 47.5 23.3 69.9
 130 60.2 29.5 88.6



#2
 Dichlorodifluoromethane
 Concen: 0.603 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. 0.003 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

Tgt Ion: 85 Resp: 6699
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.9 40.3





#3

Chlorodifluoromethane

Concen: 0.552 ppbv

RT: 1.479 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Instrument :

MSVOA_L

ClientSampleId :

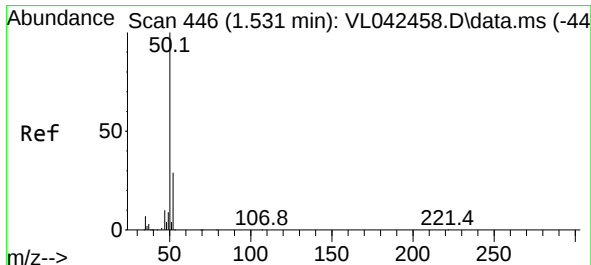
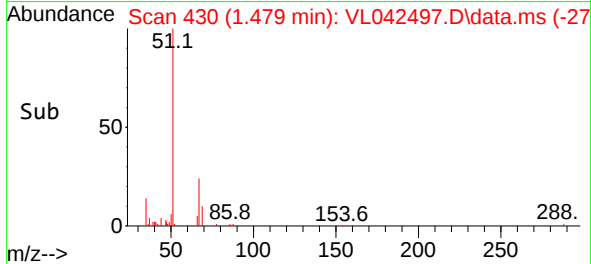
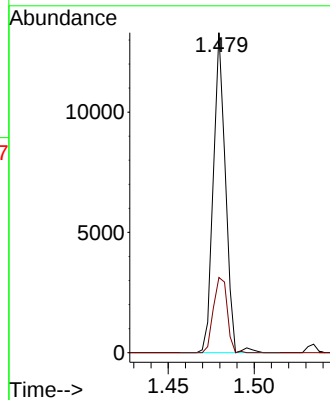
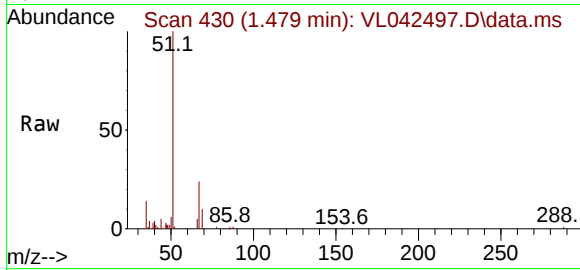
MDL3 0.45

Tgt Ion: 51 Resp: 6487

Ion Ratio Lower Upper

51 100

67 26.6 18.4 27.6



#4

Chloromethane

Concen: 0.632 ppbv

RT: 1.534 min Scan# 447

Delta R.T. 0.003 min

Lab File: VL042497.D

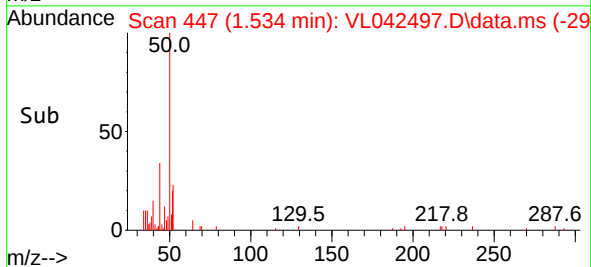
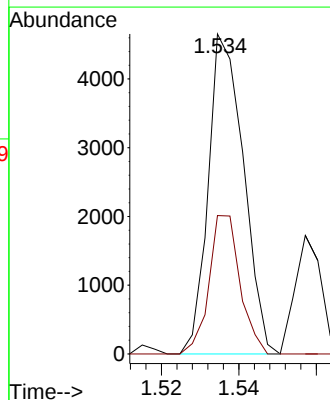
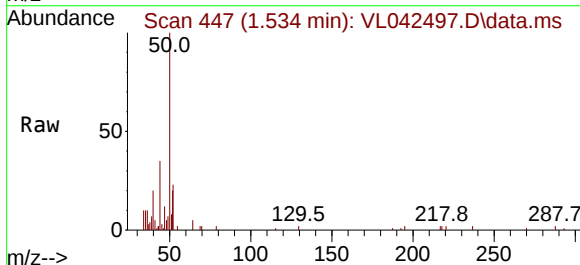
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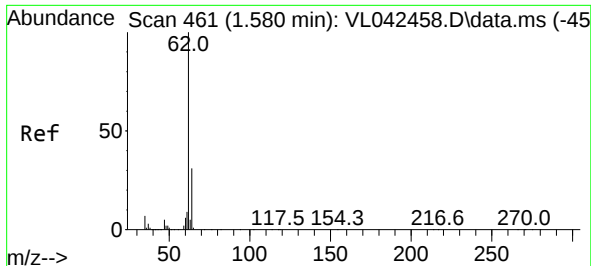
Tgt Ion: 50 Resp: 2936

Ion Ratio Lower Upper

50 100

52 43.3 23.5 35.3#

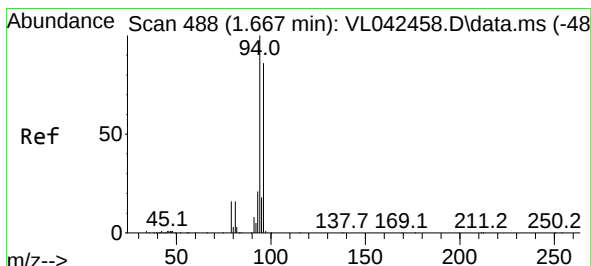
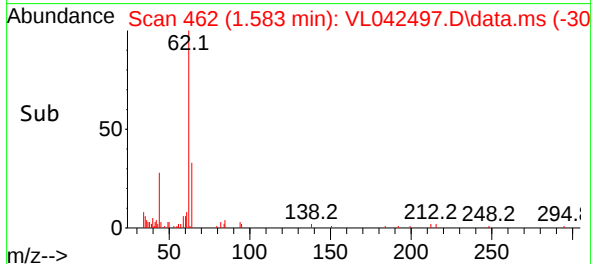
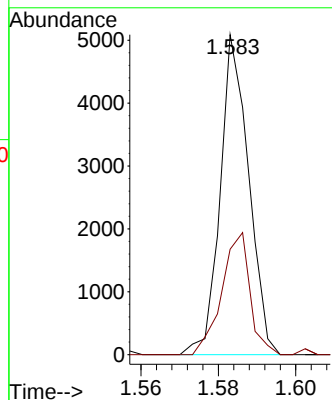
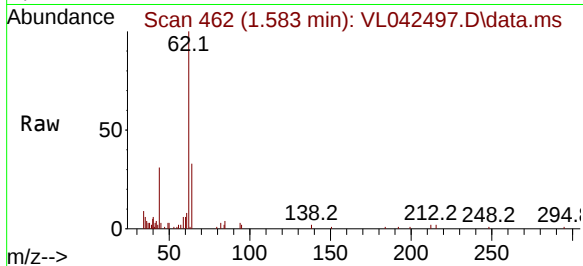




#5
Vinyl Chloride
Concen: 0.556 ppbv
RT: 1.583 min Scan# 462
Delta R.T. 0.003 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

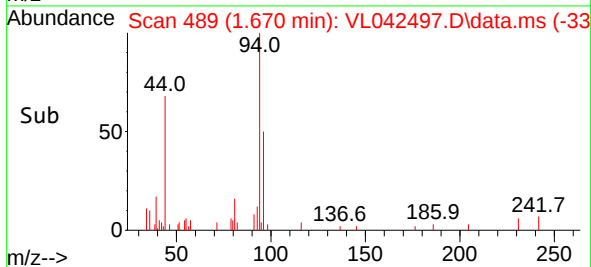
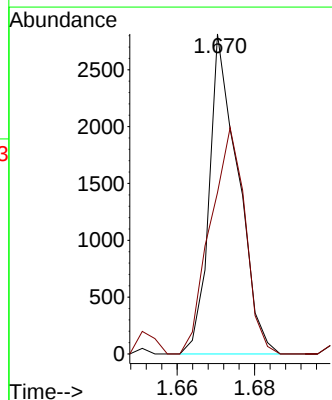
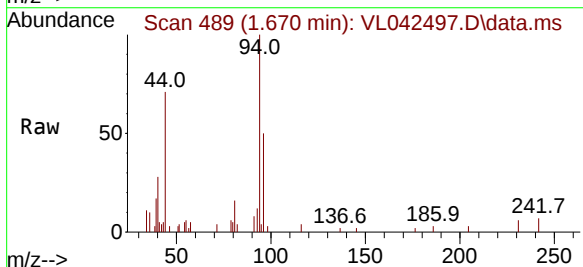
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

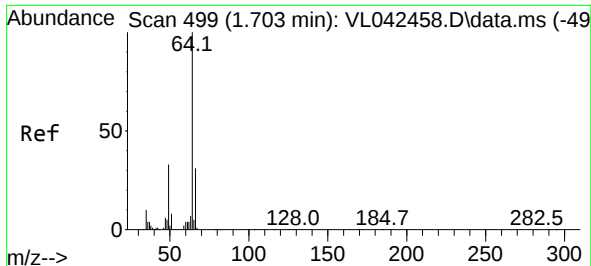
Tgt Ion: 62 Resp: 2599
Ion Ratio Lower Upper
62 100
64 33.0 24.9 37.3



#6
Bromomethane
Concen: 0.660 ppbv
RT: 1.670 min Scan# 489
Delta R.T. 0.003 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion: 94 Resp: 1459
Ion Ratio Lower Upper
94 100
96 50.4 68.8 103.2#

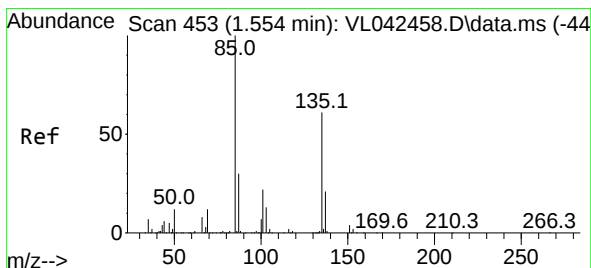
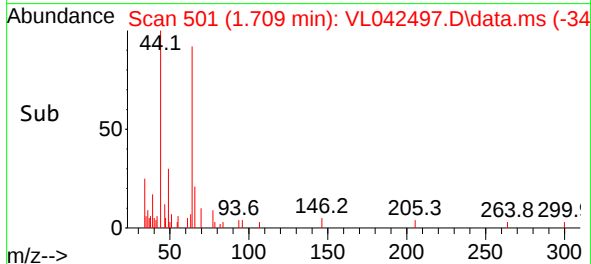
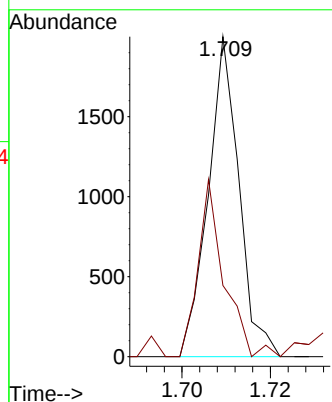
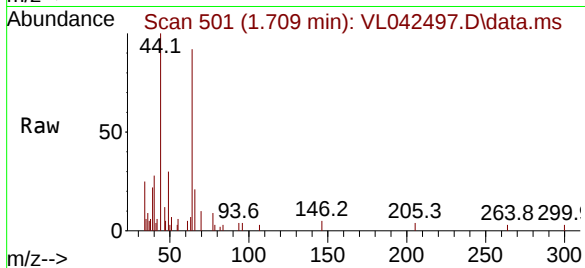




#7
Chloroethane
Concen: 0.559 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.007 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

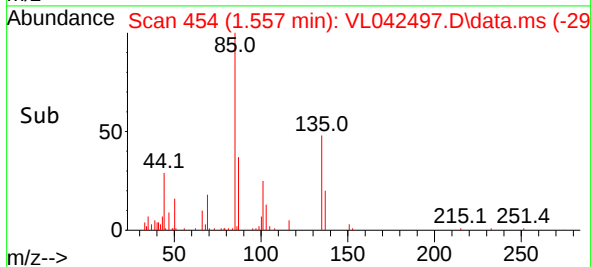
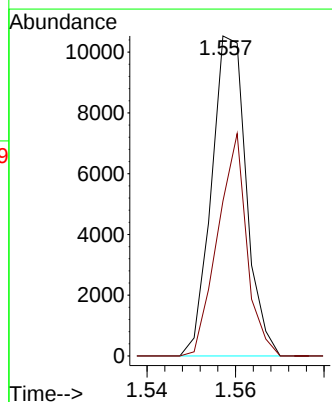
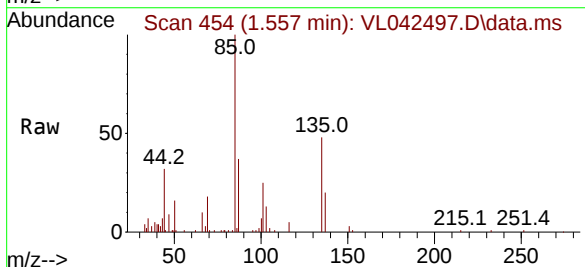
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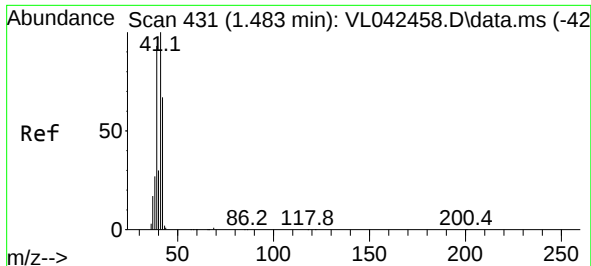
Tgt Ion: 64 Resp: 966
Ion Ratio Lower Upper
64 100
66 22.3 25.0 37.4#



#8
Dichlorotetrafluoroethane
Concen: 0.628 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion: 85 Resp: 5750
Ion Ratio Lower Upper
85 100
135 58.0 49.8 74.8





#9

Propene

Concen: 0.414 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Instrument :

MSVOA_L

ClientSampleId :

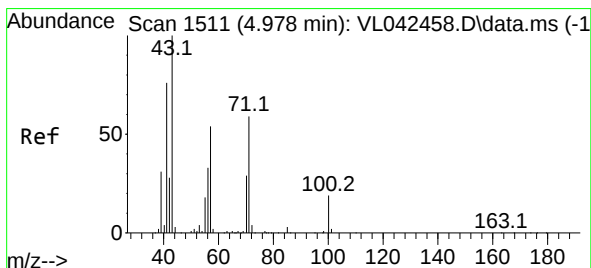
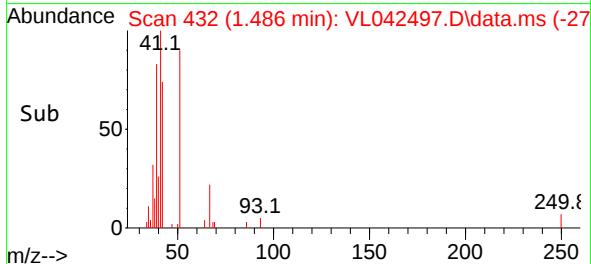
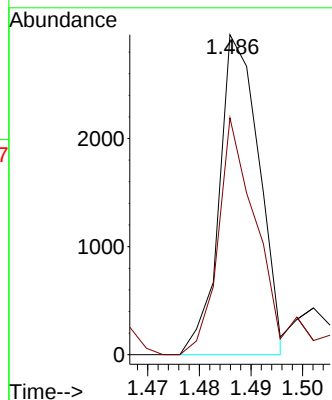
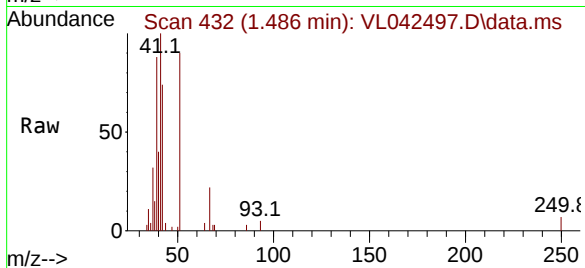
MDL3 0.45

Tgt Ion: 41 Resp: 1592

Ion Ratio Lower Upper

41 100

42 82.3 54.3 81.5#



#10

Heptane

Concen: 0.174 ppbv

RT: 4.994 min Scan# 1516

Delta R.T. 0.016 min

Lab File: VL042497.D

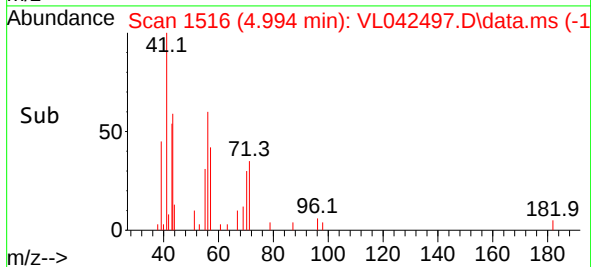
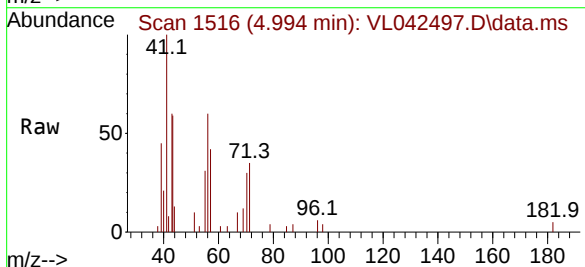
Acq: 06 May 2025 15:29

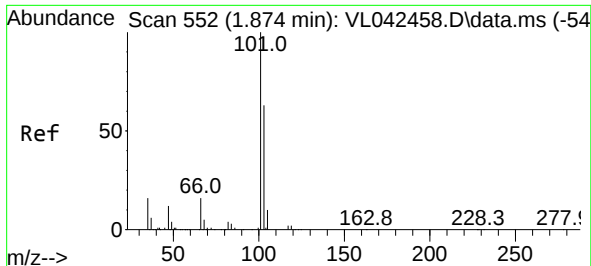
Tgt Ion: 43 Resp: 1735

Ion Ratio Lower Upper

43 100

57 106.5 41.8 62.8#

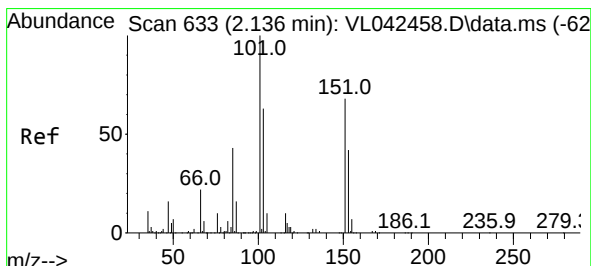
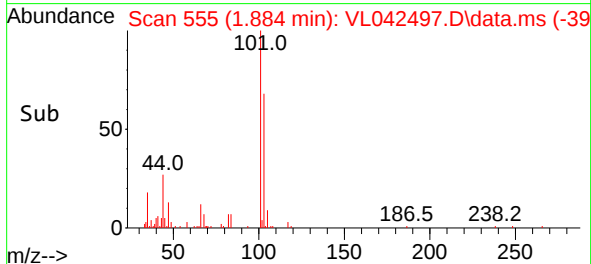
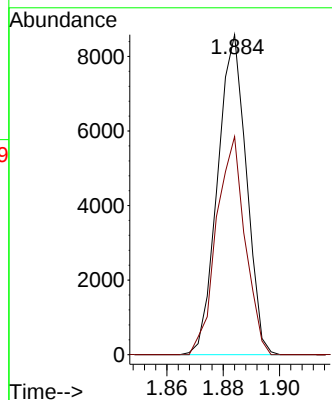
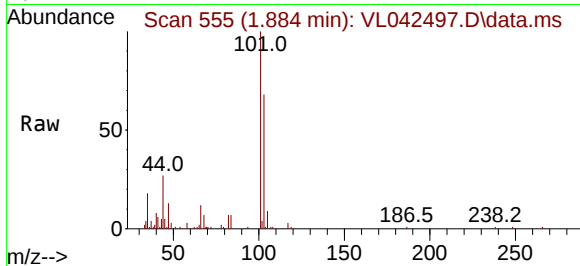




#11
 Trichlorofluoromethane
 Concen: 0.594 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. 0.010 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

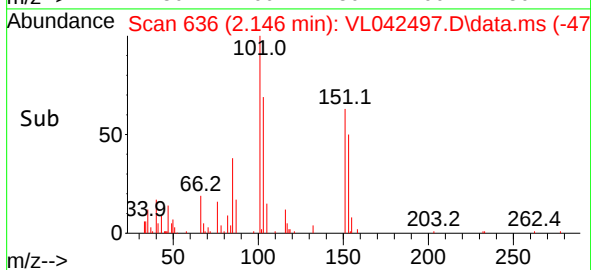
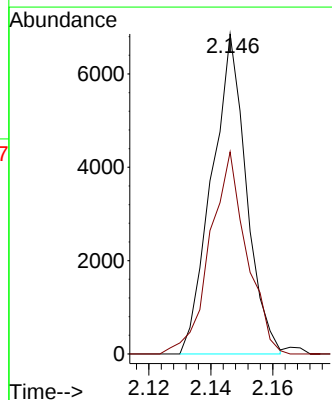
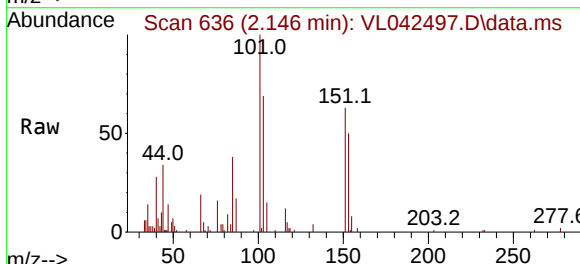
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45

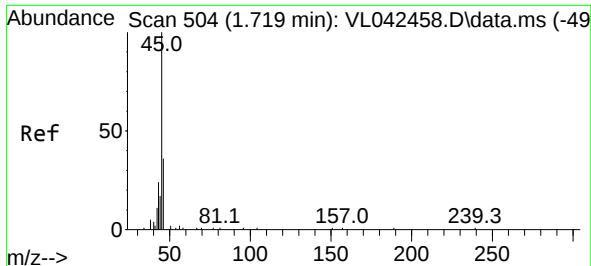
Tgt Ion:101 Resp: 6089
 Ion Ratio Lower Upper
 101 100
 103 68.2 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.649 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. 0.010 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

Tgt Ion:101 Resp: 5312
 Ion Ratio Lower Upper
 101 100
 151 66.9 54.6 82.0

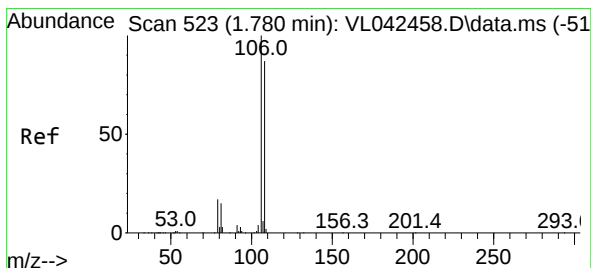
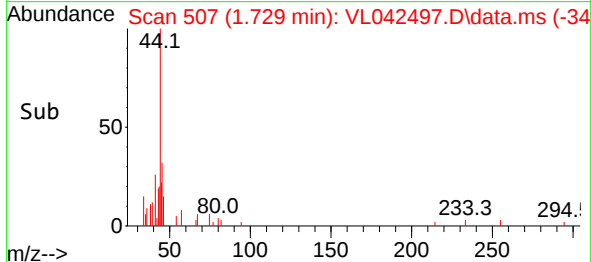
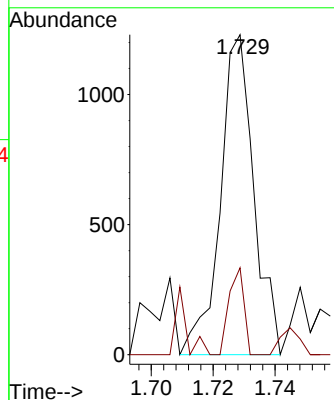
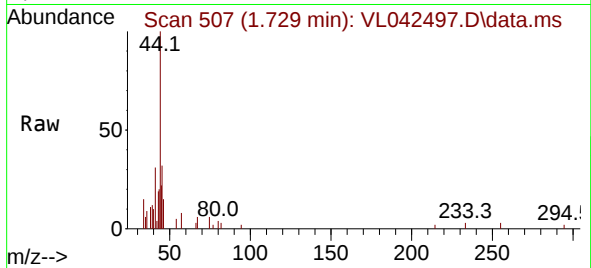




#13
Ethanol
Concen: 1.186 ppbv
RT: 1.729 min Scan# 504
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

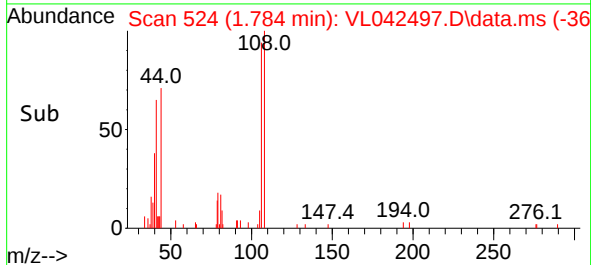
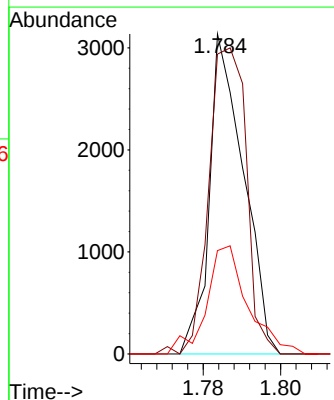
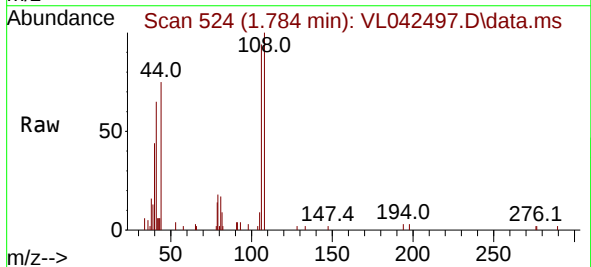
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

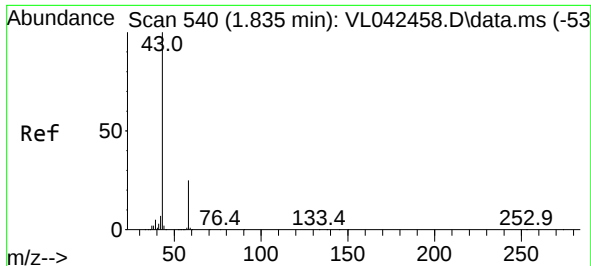
Tgt Ion: 45 Resp: 925
Ion Ratio Lower Upper
45 100
46 25.1 15.3 61.1



#14
Bromoethene
Concen: 0.637 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion: 108 Resp: 1924
Ion Ratio Lower Upper
108 100
106 105.1 88.8 133.2
79 40.9 17.1 25.7#





#15

Acetone

Concen: 0.641 ppbv

RT: 1.842 min Scan# 54

Delta R.T. 0.007 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Instrument :

MSVOA_L

ClientSampleId :

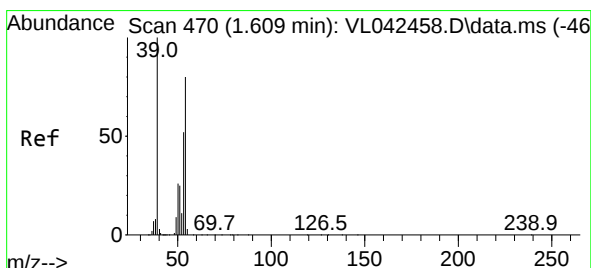
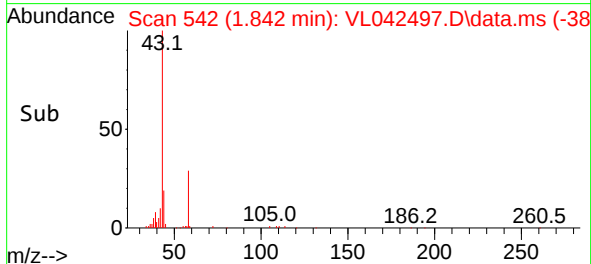
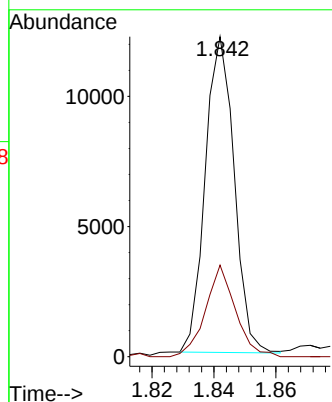
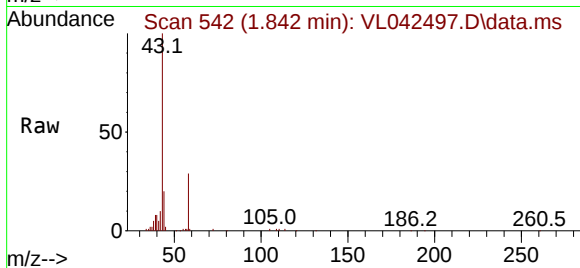
MDL3 0.45

Tgt Ion: 43 Resp: 7859

Ion Ratio Lower Upper

43 100

58 30.4 19.8 29.8#



#16

1,3-Butadiene

Concen: 0.557 ppbv

RT: 1.615 min Scan# 472

Delta R.T. 0.007 min

Lab File: VL042497.D

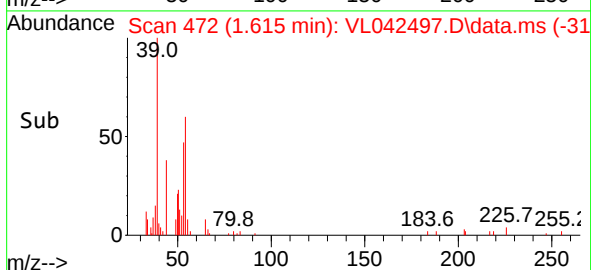
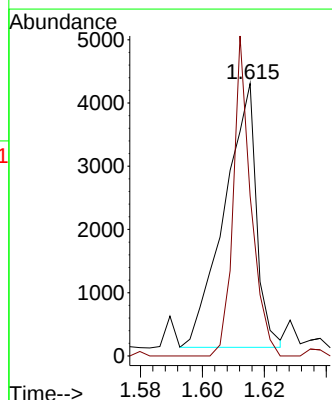
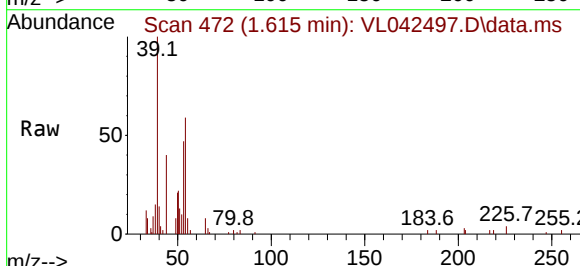
Acq: 06 May 2025 15:29

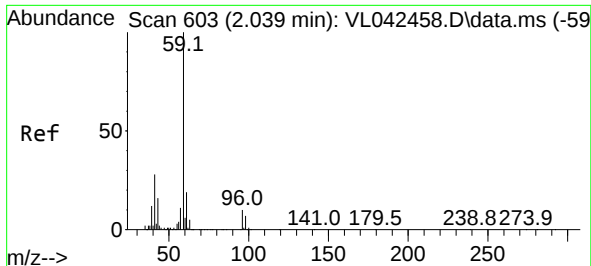
Tgt Ion: 39 Resp: 3011

Ion Ratio Lower Upper

39 100

54 68.5 55.2 82.8





#17

tert-Butyl alcohol

Concen: 0.529 ppbv

RT: 2.049 min Scan# 603

Delta R.T. 0.010 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Instrument :

MSVOA_L

ClientSampleId :

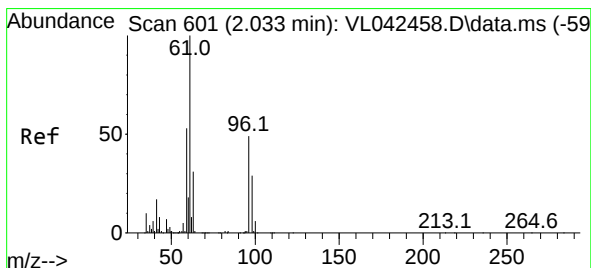
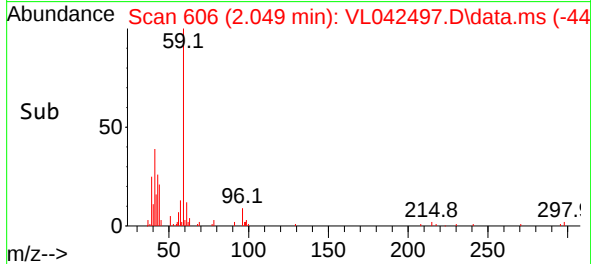
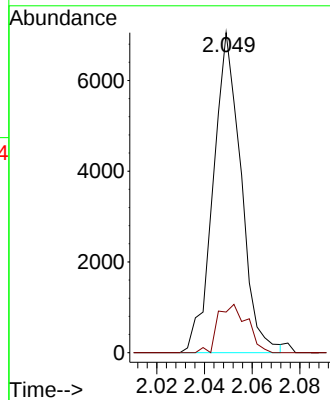
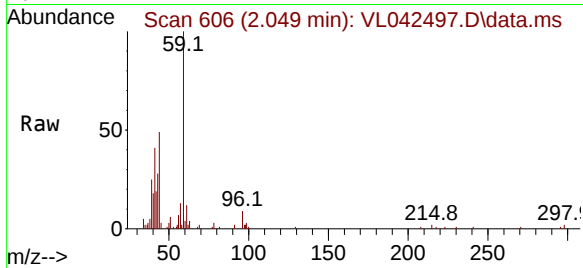
MDL3 0.45

Tgt Ion: 59 Resp: 5716

Ion Ratio Lower Upper

59 100

57 15.9 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 0.583 ppbv

RT: 2.043 min Scan# 604

Delta R.T. 0.010 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

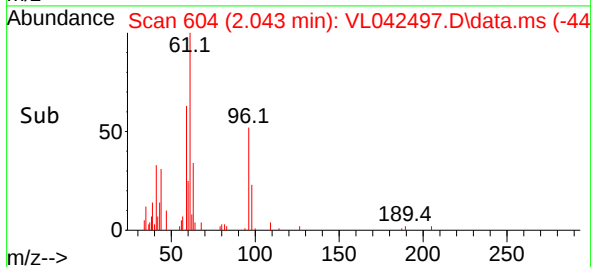
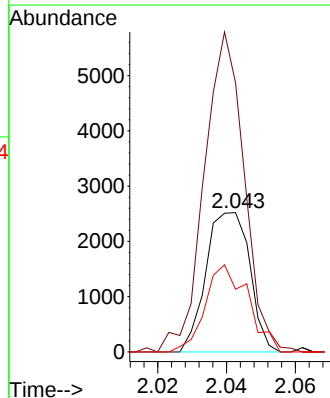
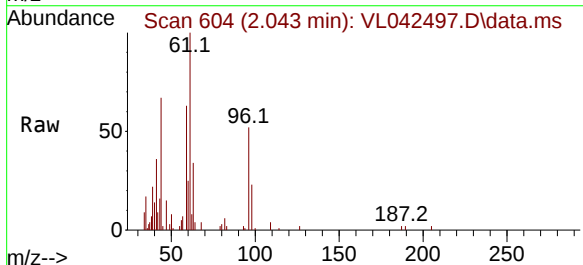
Tgt Ion: 96 Resp: 2227

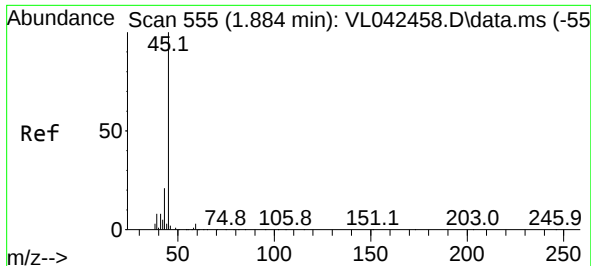
Ion Ratio Lower Upper

96 100

61 189.6 164.9 247.3

98 45.0 48.2 72.2#

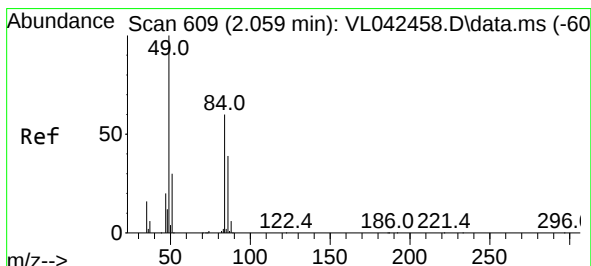
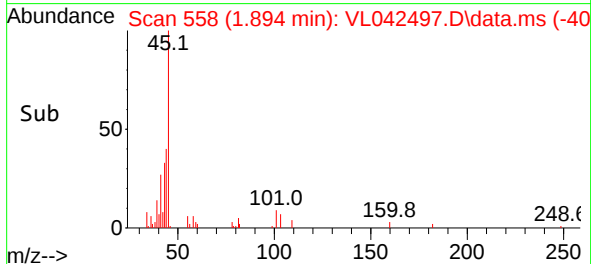
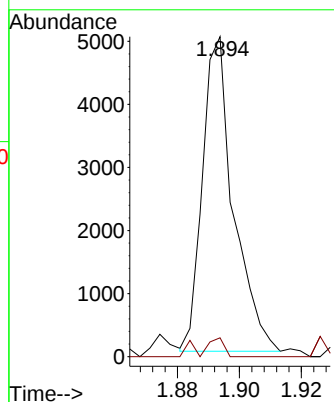
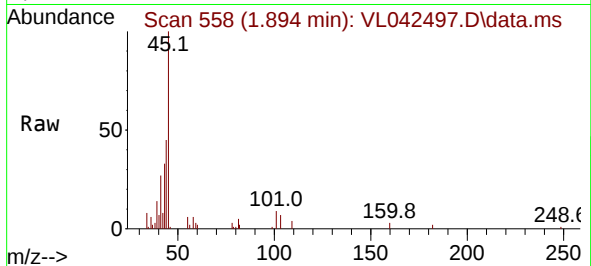




#19
Isopropyl Alcohol
Concen: 0.510 ppbv
RT: 1.894 min Scan# 511
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

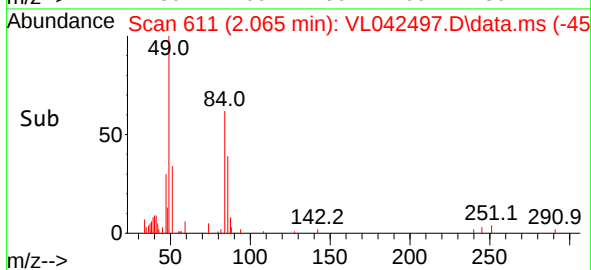
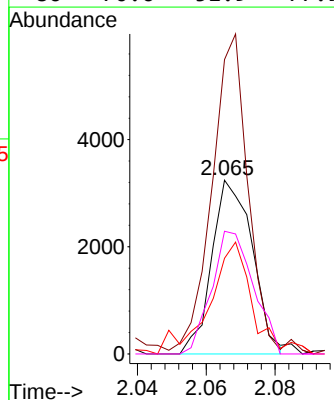
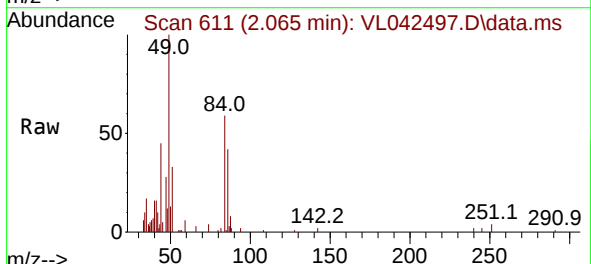
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

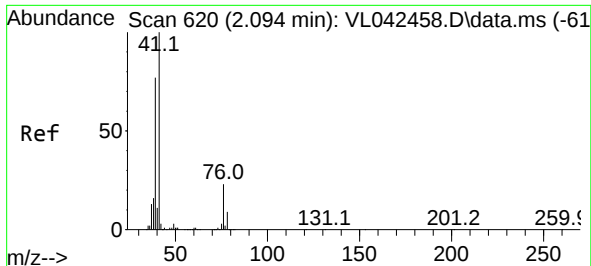
Tgt Ion: 45 Resp: 3463
Ion Ratio Lower Upper
45 100
58 4.4 1.6 2.4#



#20
Methylene Chloride
Concen: 0.720 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.007 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion: 84 Resp: 2653
Ion Ratio Lower Upper
84 100
49 166.8 133.9 200.9
51 51.9 41.0 61.6
86 70.6 51.9 77.9

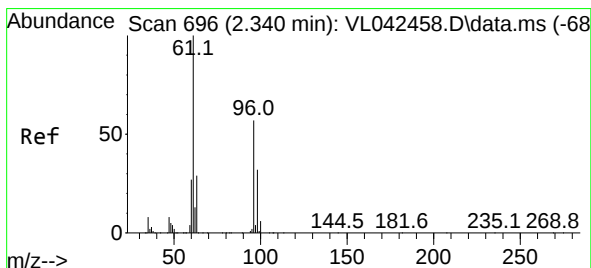
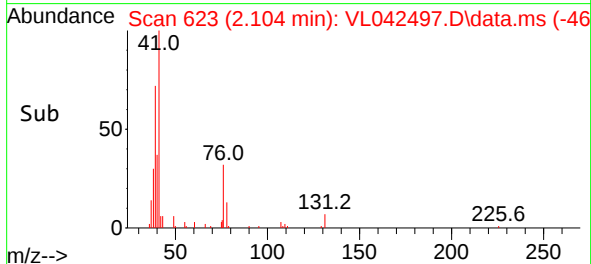
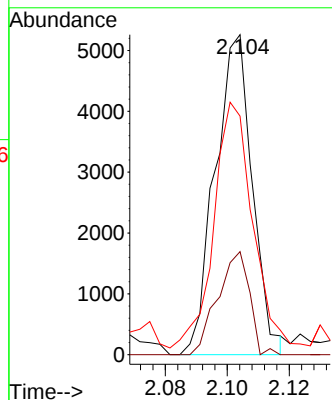
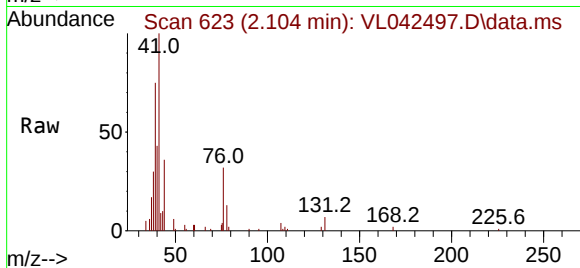




#21
 Allyl Chloride
 Concen: 0.557 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

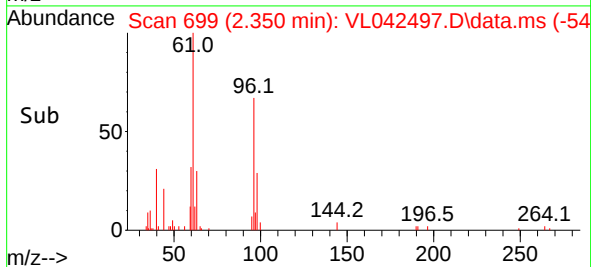
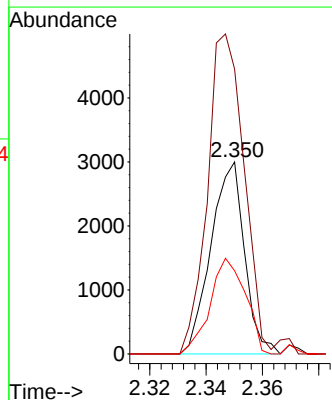
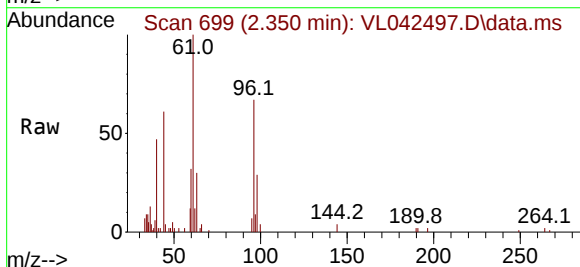
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45

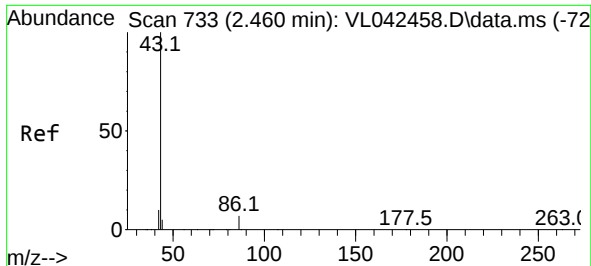
Tgt Ion:	41	Resp:	4390
Ion	Ratio	Lower	Upper
41	100		
76	27.4	19.6	29.4
39	87.1	61.0	91.4



#22
 trans-1,2-Dichloroethene
 Concen: 0.556 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.010 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

Tgt Ion:	96	Resp:	2484
Ion	Ratio	Lower	Upper
96	100		
61	148.4	141.8	212.6
98	43.4	45.0	67.6#

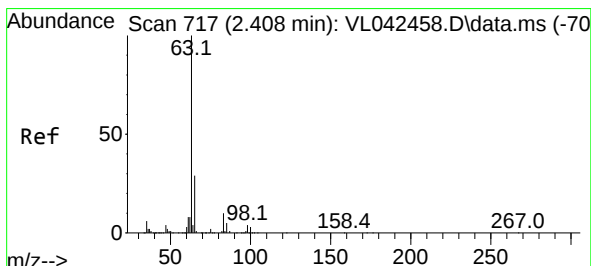
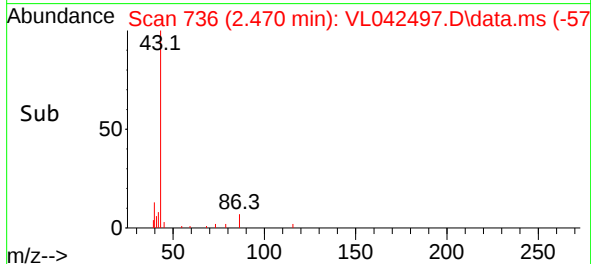
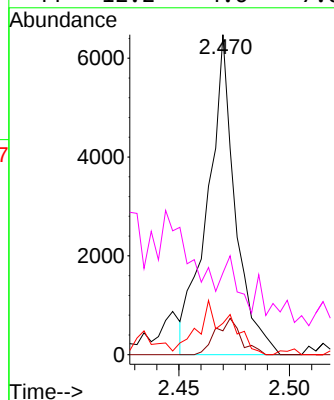
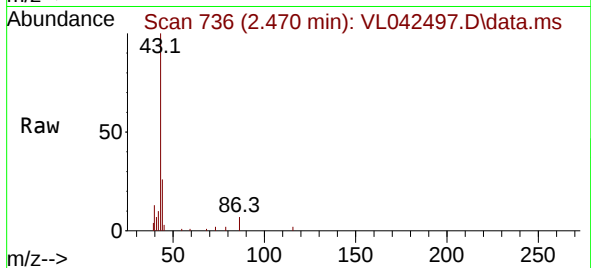




#23
 Vinyl Acetate
 Concen: 0.480 ppbv
 RT: 2.470 min Scan# 719
 Delta R.T. 0.010 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

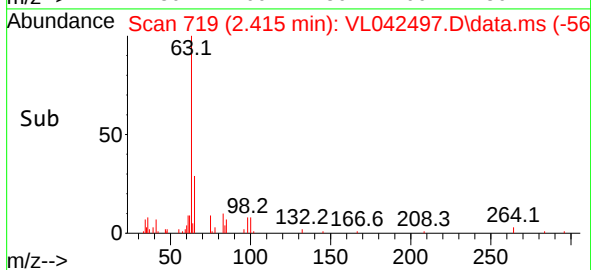
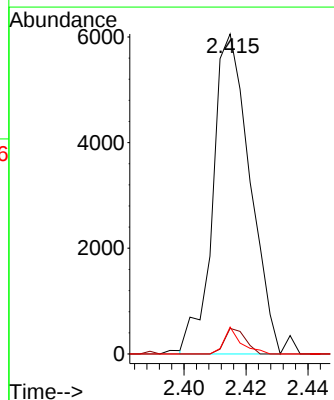
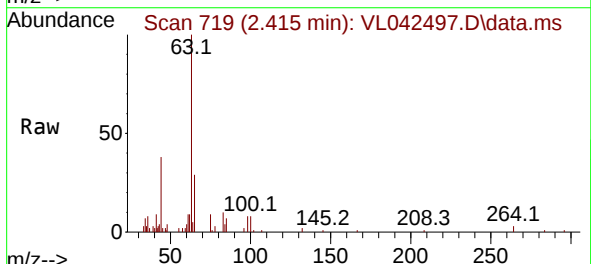
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL3 0.45

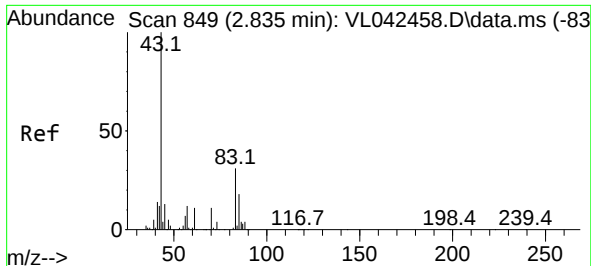
Tgt Ion:	43	Resp:	5617
Ion	Ratio	Lower	Upper
43	100		
86	7.5	5.5	8.3
42	8.6	8.3	12.5
44	12.2	4.6	7.0#



#24
 1,1-Dichloroethane
 Concen: 0.552 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.007 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

Tgt Ion:	63	Resp:	5025
Ion	Ratio	Lower	Upper
63	100		
98	8.0	1.8	5.5#
100	8.4	1.4	4.2#

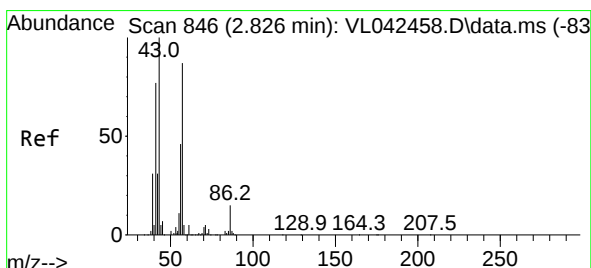
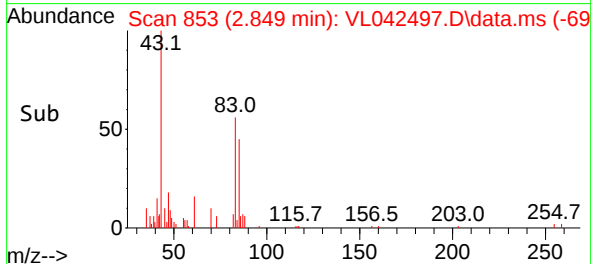
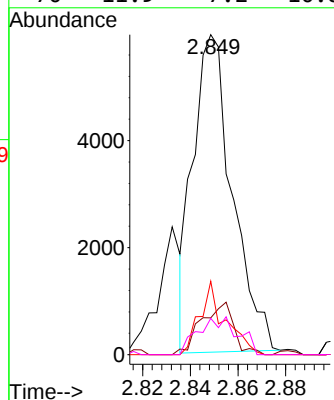
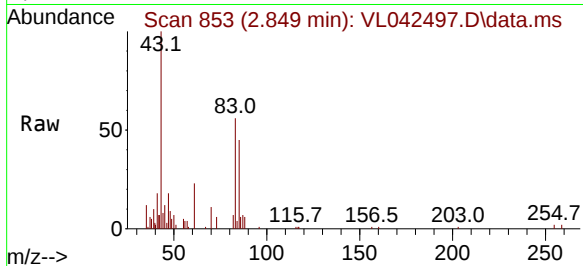




#25
Ethyl Acetate
Concen: 0.348 ppbv
RT: 2.849 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

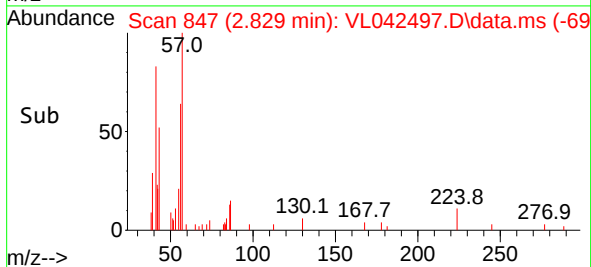
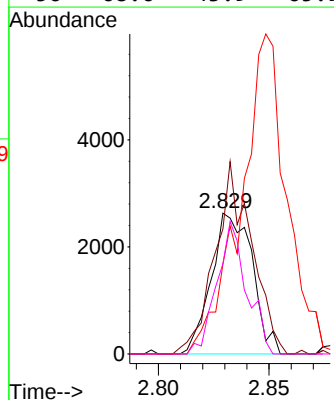
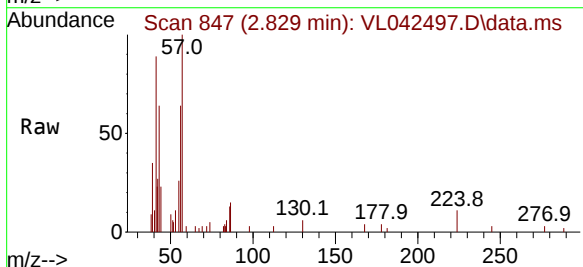
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

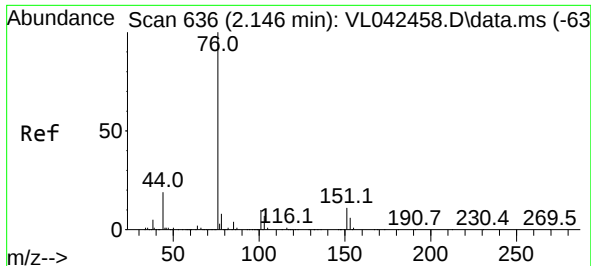
Tgt Ion: 43	Resp: 6821
Ion Ratio	Lower Upper
43	100
45	14.2 7.8 11.6#
61	15.0 7.2 10.8#
70	11.9 7.2 10.8#



#26
Hexane
Concen: 0.396 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.003 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion: 57	Resp: 3384
Ion Ratio	Lower Upper
57	100
41	122.0 77.8 116.8#
43	253.7 187.0 280.6
56	68.6 43.9 65.9#





#27

Carbon Disulfide

Concen: 0.516 ppbv

RT: 2.159 min Scan# 640

Delta R.T. 0.013 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

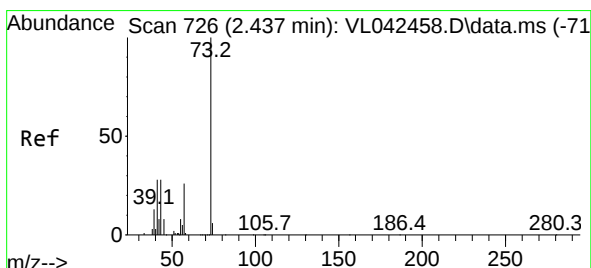
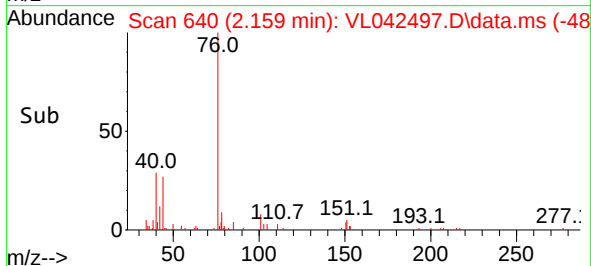
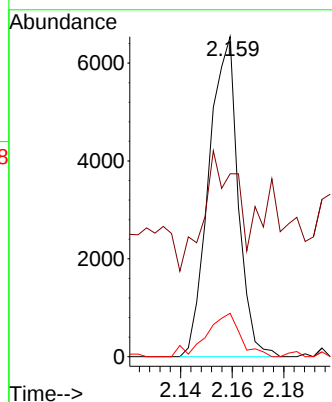
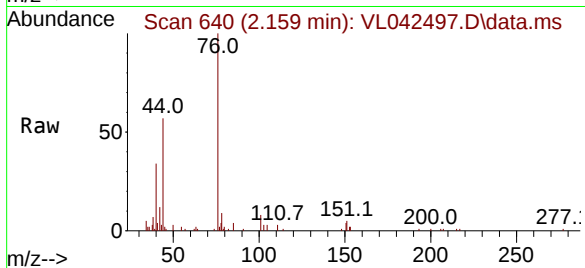
Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45

Tgt Ion:	76	Resp:	5150
Ion	Ratio	Lower	Upper
76	100		
44	108.8	21.0	31.6#
78	16.4	8.6	13.0#



#28

Methyl tert-Butyl Ether

Concen: 0.610 ppbv

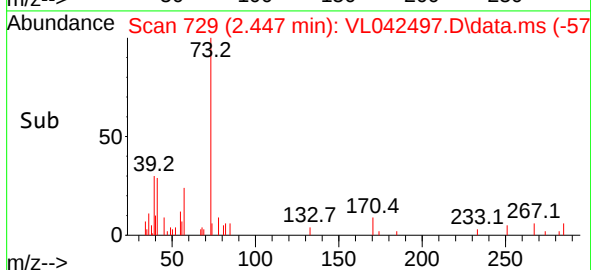
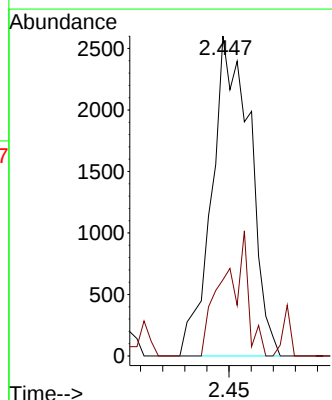
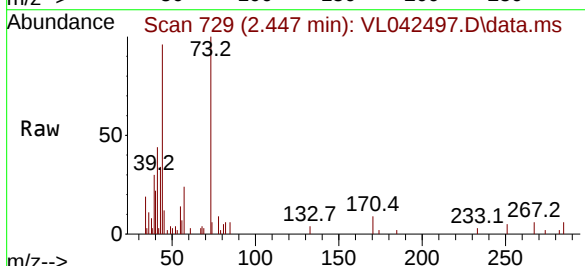
RT: 2.447 min Scan# 729

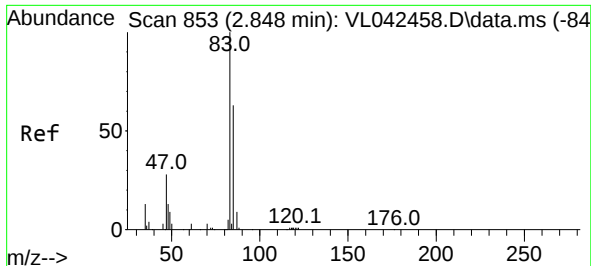
Delta R.T. 0.010 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Tgt Ion:	73	Resp:	3132
Ion	Ratio	Lower	Upper
73	100		
57	28.0	19.9	29.9





#29

Chloroform

Concen: 0.532 ppbv

RT: 2.858 min Scan# 853

Delta R.T. 0.010 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Instrument :

MSVOA_L

ClientSampleId :

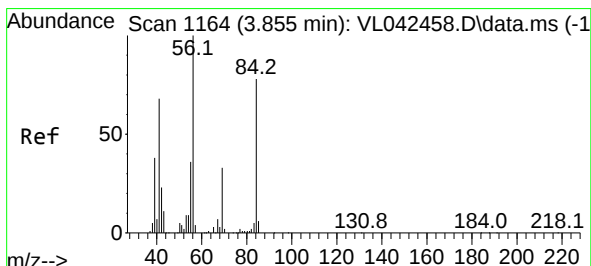
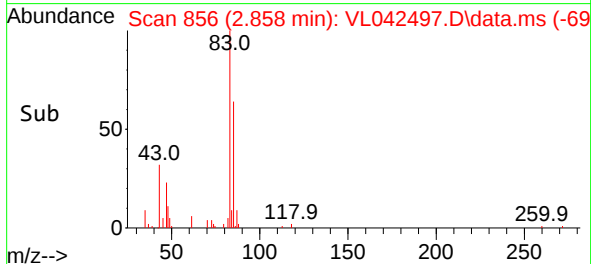
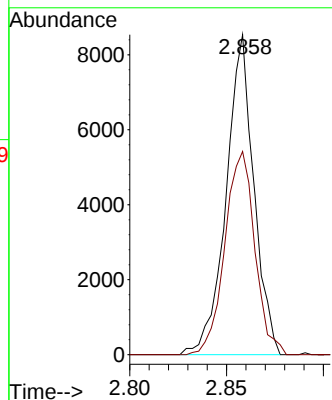
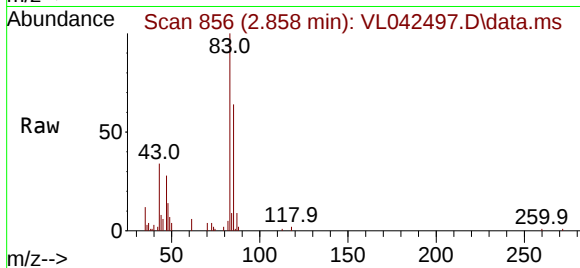
MDL3 0.45

Tgt Ion: 83 Resp: 8527

Ion Ratio Lower Upper

83 100

85 63.5 50.4 75.6



#30

Cyclohexane

Concen: 0.130 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. 0.013 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

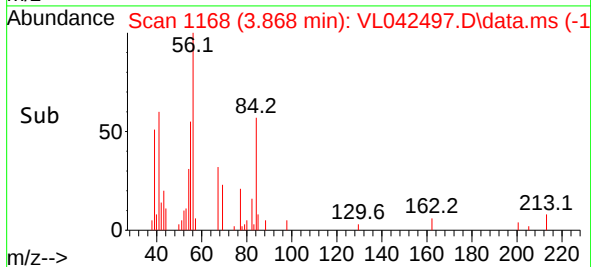
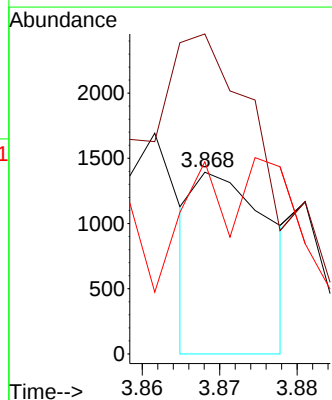
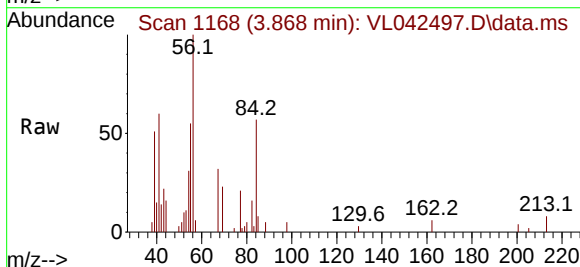
Tgt Ion: 84 Resp: 931

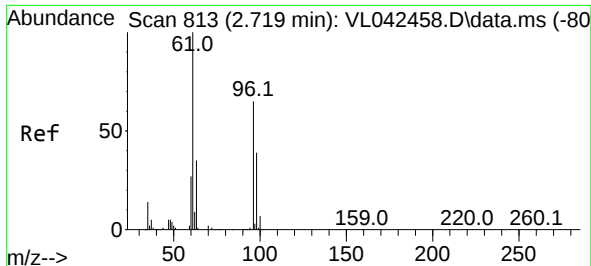
Ion Ratio Lower Upper

84 100

56 377.0 98.1 147.1#

41 0.0 65.8 98.8#

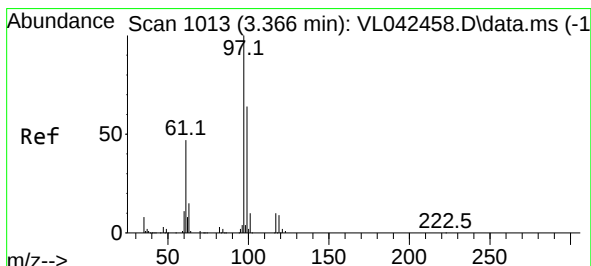
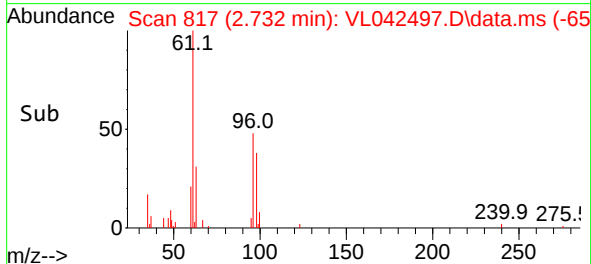
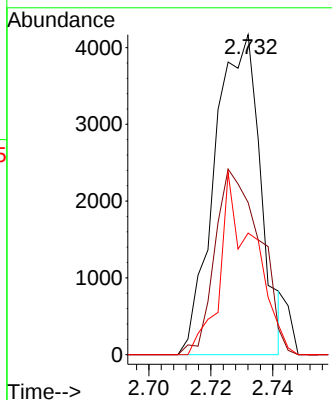
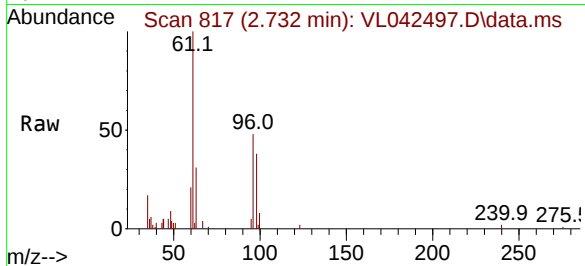




#31
 cis-1,2-Dichloroethene
 Concen: 0.429 ppbv
 RT: 2.732 min Scan# 813
 Delta R.T. 0.013 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

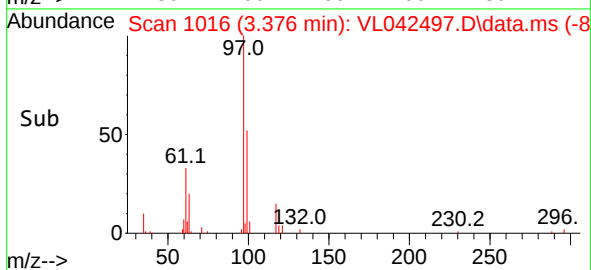
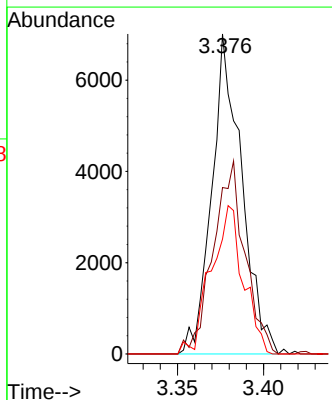
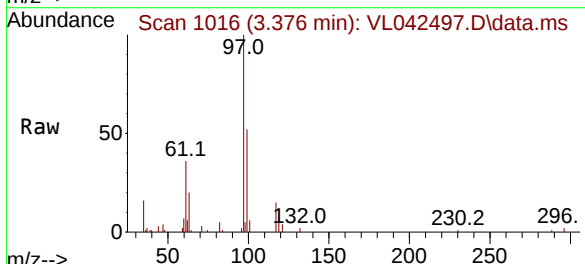
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45

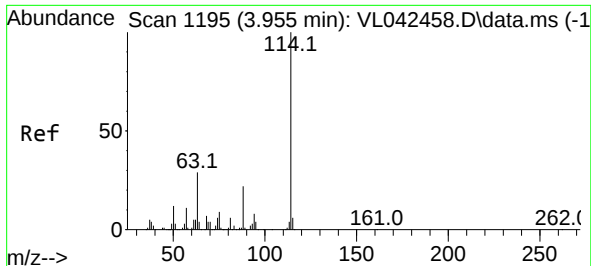
Tgt Ion: 61 Resp: 4282
 Ion Ratio Lower Upper
 61 100
 96 47.5 52.0 78.0#
 98 38.0 31.0 46.6



#32
 1,1,1-Trichloroethane
 Concen: 0.486 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.010 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

Tgt Ion: 97 Resp: 8445
 Ion Ratio Lower Upper
 97 100
 99 64.7 50.7 76.1
 61 50.3 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: VL042497.D

Acq: 06 May 2025 15:29

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45

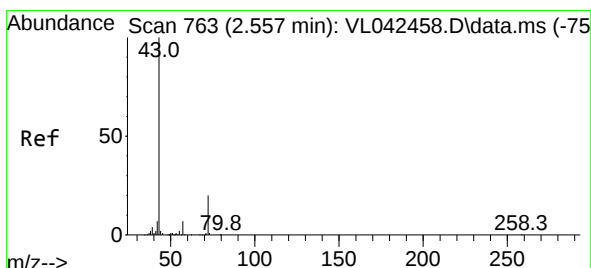
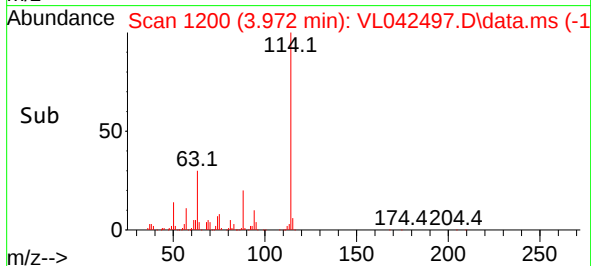
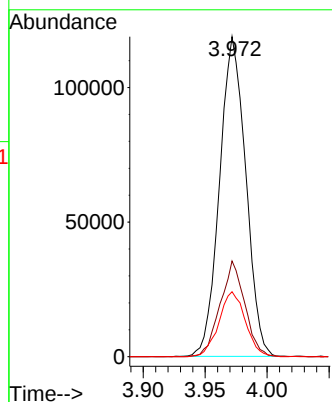
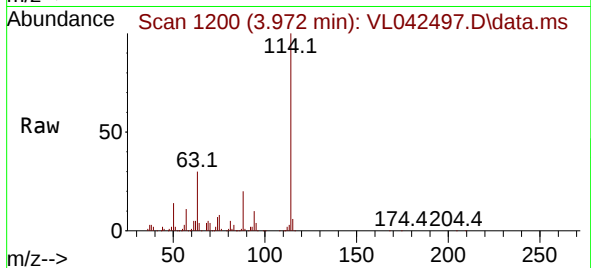
Tgt Ion:114 Resp: 175094

Ion Ratio Lower Upper

114 100

63 28.3 23.1 34.7

88 20.6 16.1 24.1



#34

2-Butanone

Concen: 0.517 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.010 min

Lab File: VL042497.D

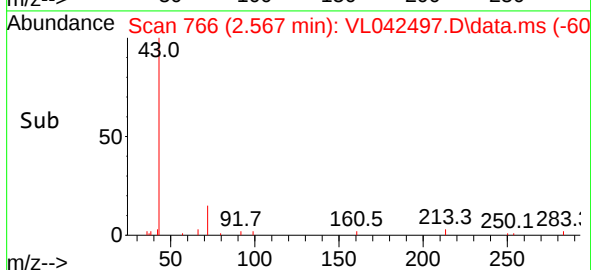
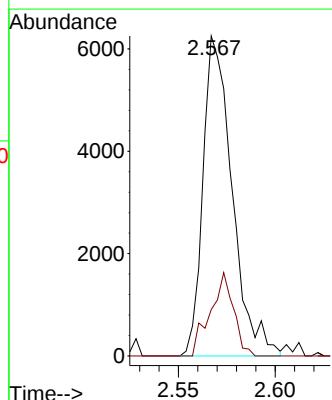
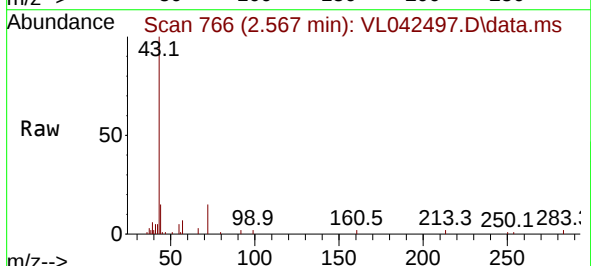
Acq: 06 May 2025 15:29

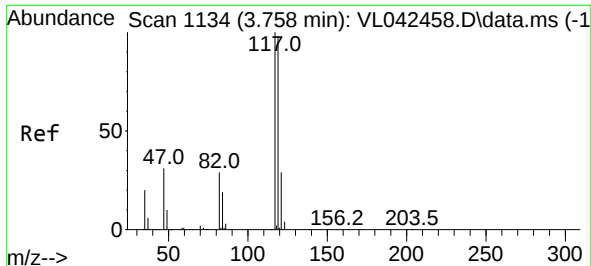
Tgt Ion: 43 Resp: 6548

Ion Ratio Lower Upper

43 100

72 20.8 16.7 25.1

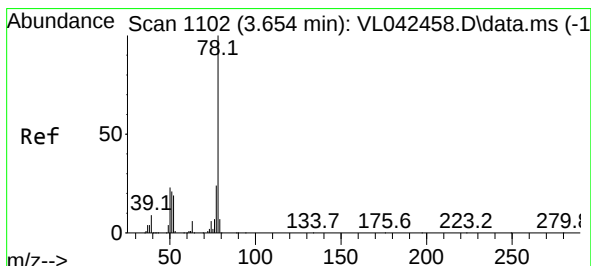
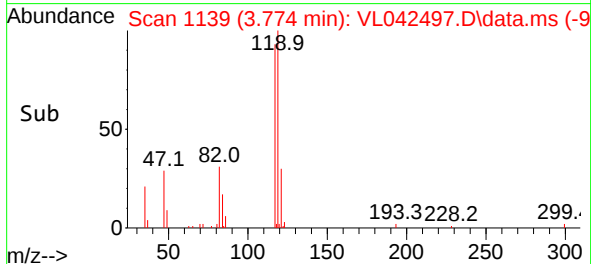
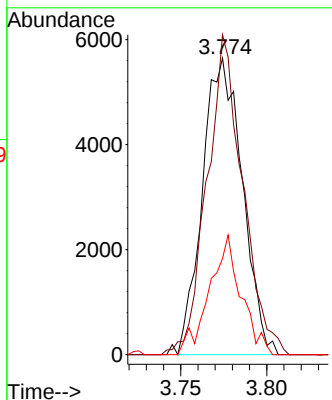
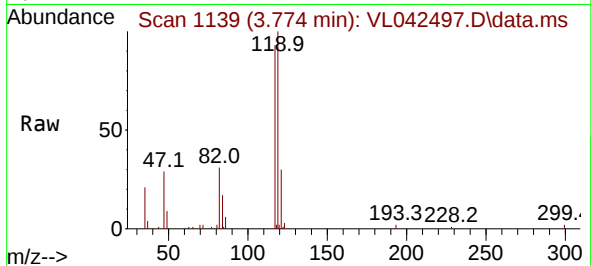




#35
Carbon Tetrachloride
Concen: 0.571 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. 0.016 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

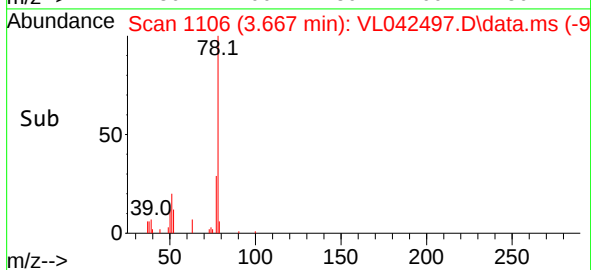
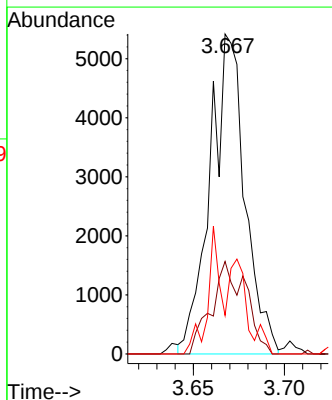
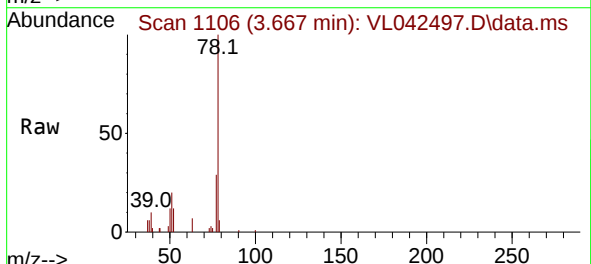
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

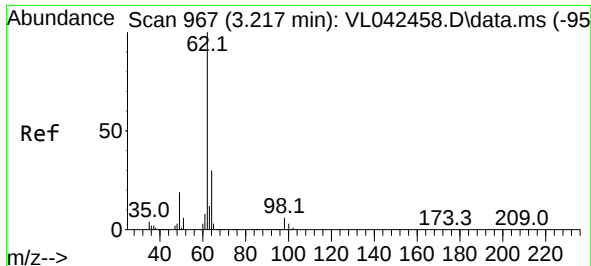
Tgt Ion:117	Resp:	9078
Ion	Ratio	Lower Upper
117	100	
119	105.6	78.1 117.1
121	32.4	23.0 34.6



#36
Benzene
Concen: 0.436 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. 0.013 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion: 78	Resp:	7205
Ion	Ratio	Lower Upper
78	100	
77	29.3	18.9 28.3#
50	12.2	18.4 27.6#

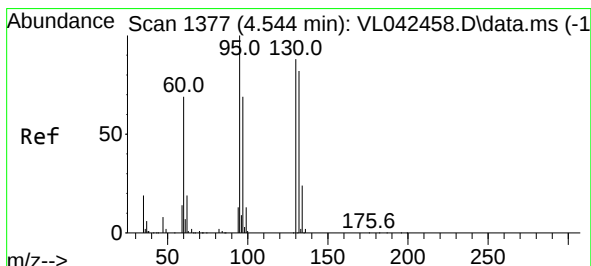
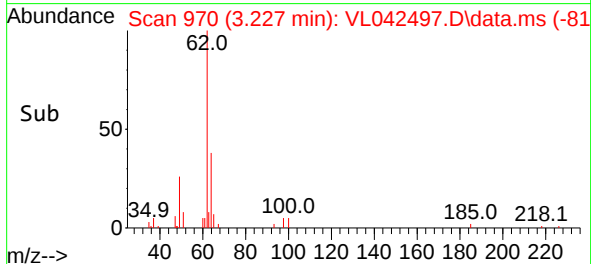
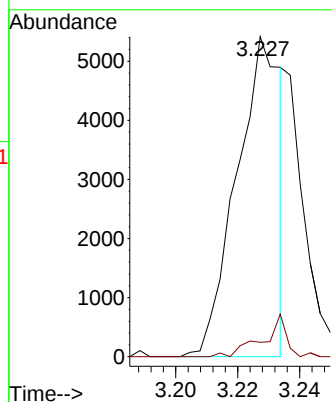
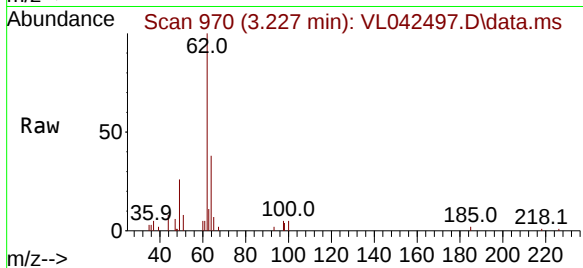




#37
1,2-Dichloroethane
Concen: 0.418 ppbv
RT: 3.227 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

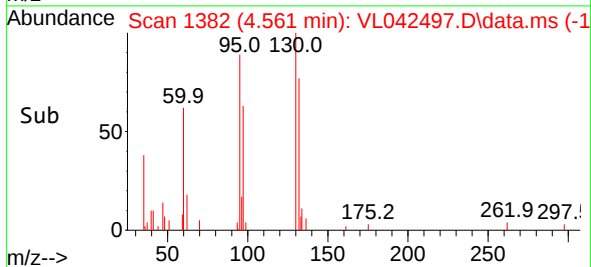
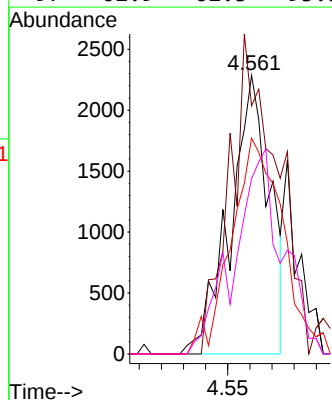
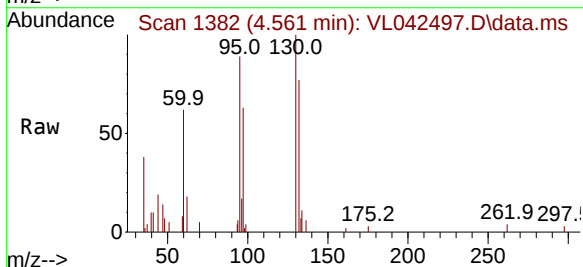
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

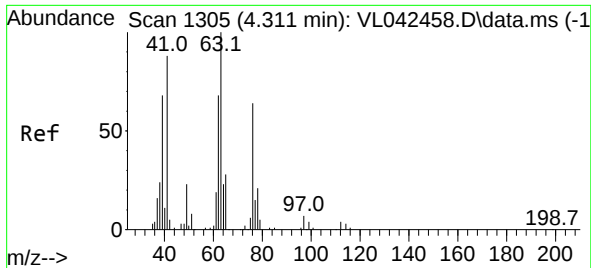
Tgt Ion: 62 Resp: 5322
Ion Ratio Lower Upper
62 100
98 7.1 4.3 6.5#



#38
Trichloroethene
Concen: 0.446 ppbv
RT: 4.561 min Scan# 1382
Delta R.T. 0.016 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion:130 Resp: 2809
Ion Ratio Lower Upper
130 100
95 89.1 91.0 136.4#
132 77.5 74.2 111.4
97 62.9 62.3 93.5





#39

1,2-Dichloropropane

Concen: 0.210 ppbv

RT: 4.321 min Scan# 1305

Delta R.T. 0.010 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45

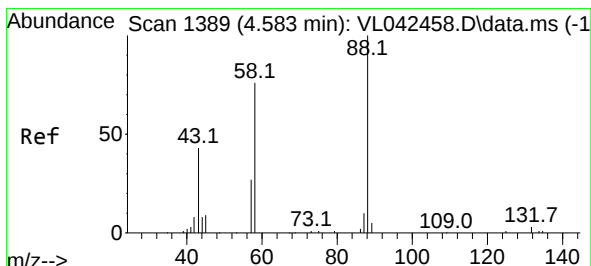
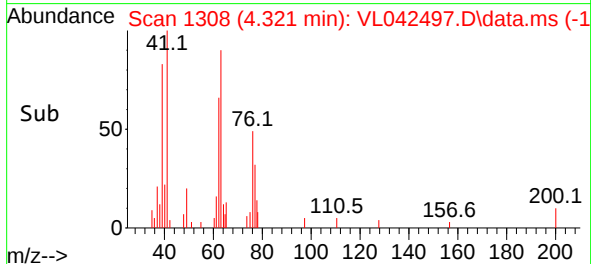
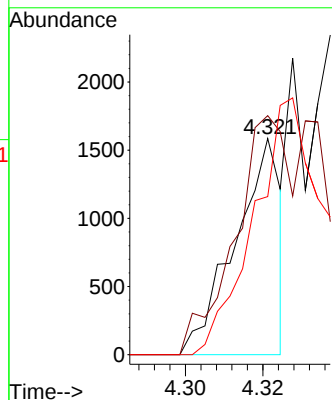
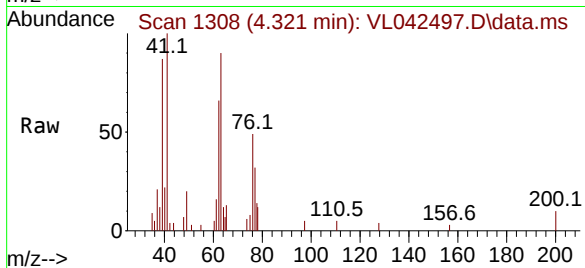
Tgt Ion: 63 Resp: 1302

Ion Ratio Lower Upper

63 100

41 110.5 69.8 104.6#

62 73.1 54.3 81.5



#40

1,4-Dioxane

Concen: 0.172 ppbv

RT: 4.616 min Scan# 1399

Delta R.T. 0.033 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Tgt Ion: 88 Resp: 499

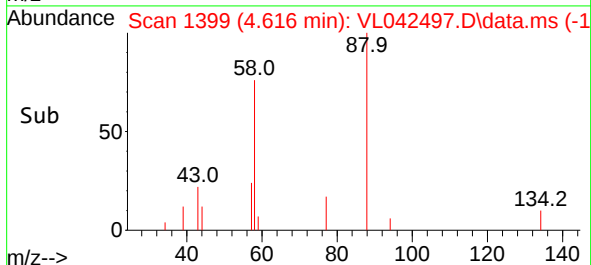
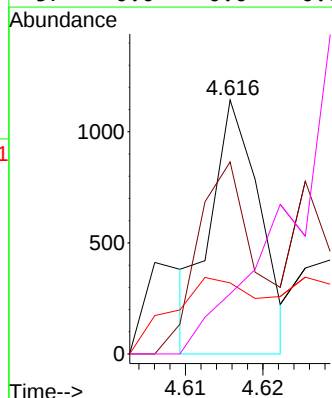
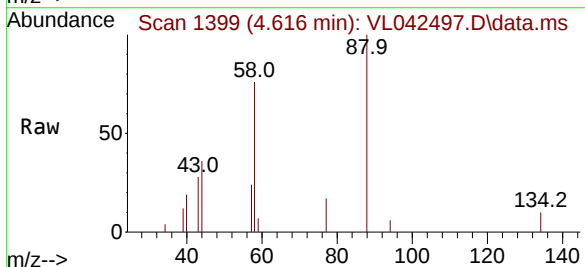
Ion Ratio Lower Upper

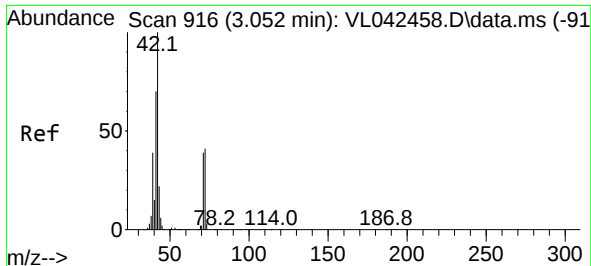
88 100

58 357.1 0.0 0.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

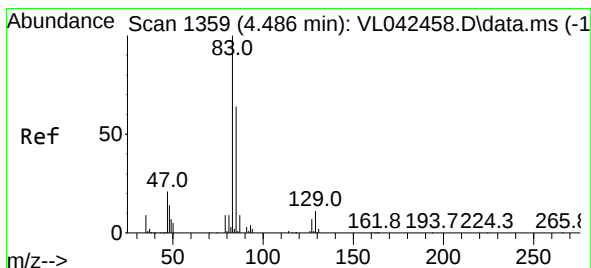
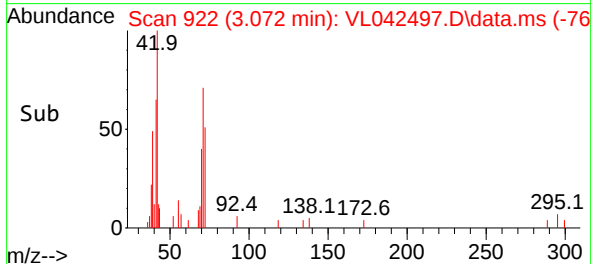
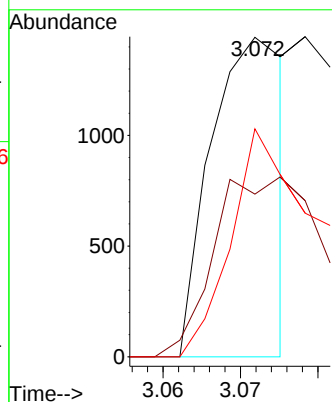
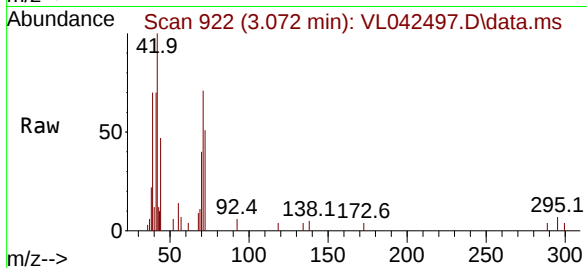




#41
Tetrahydrofuran
Concen: 0.160 ppbv
RT: 3.072 min Scan# 916
Delta R.T. 0.020 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

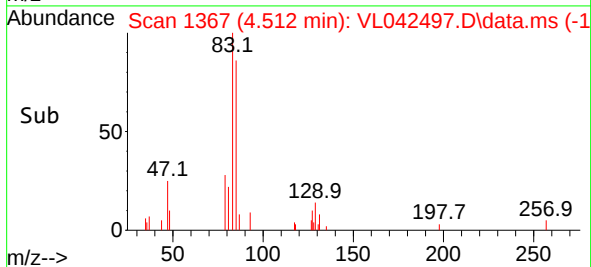
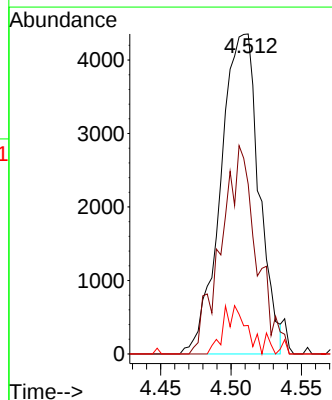
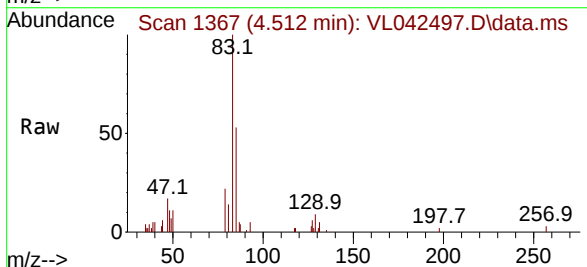
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

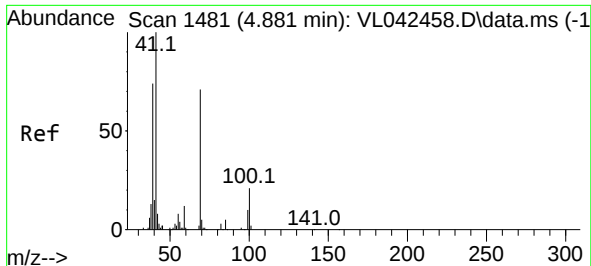
Tgt Ion: 42 Resp: 962
Ion Ratio Lower Upper
42 100
72 0.0 33.5 50.3#
71 100.0 32.6 49.0#



#42
Bromodichloromethane
Concen: 0.531 ppbv
RT: 4.512 min Scan# 1367
Delta R.T. 0.026 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion: 83 Resp: 8270
Ion Ratio Lower Upper
83 100
85 53.1 51.5 77.3
127 8.9 5.4 8.2#





#43

Methyl Methacrylate

Concen: 0.211 ppbv

RT: 4.901 min Scan# 1410

Delta R.T. 0.020 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45

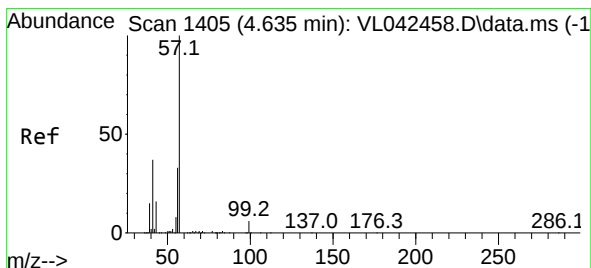
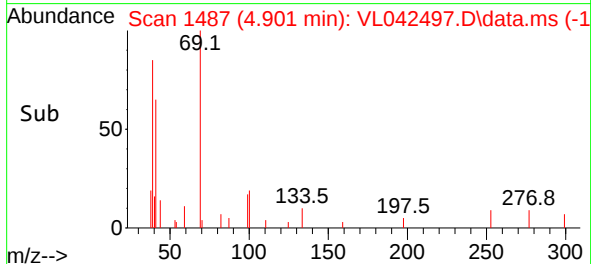
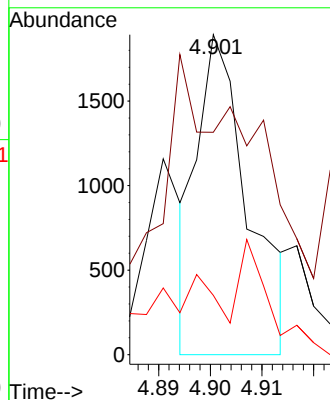
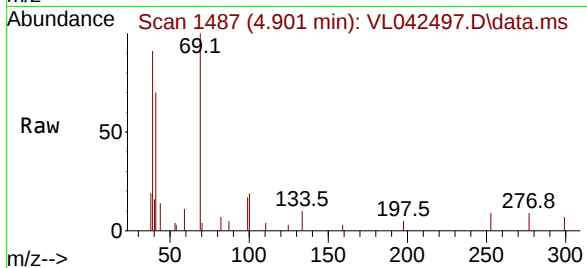
Tgt Ion: 69 Resp: 1303

Ion Ratio Lower Upper

69 100

41 0.0 120.8 181.2#

100 59.1 26.7 40.1#



#44

2,2,4-Trimethylpentane

Concen: 0.029 ppbv

RT: 4.651 min Scan# 1410

Delta R.T. 0.016 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

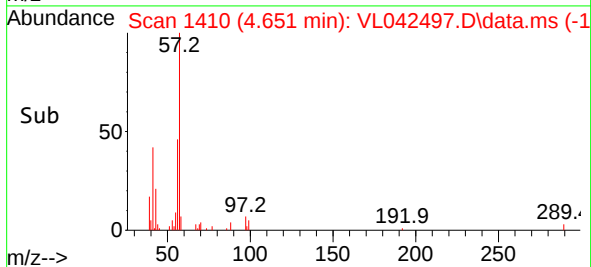
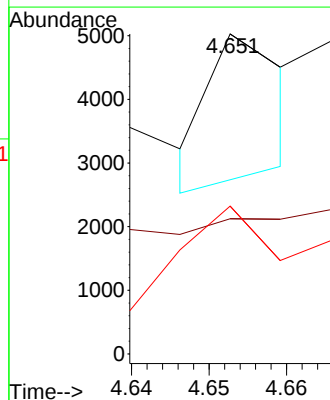
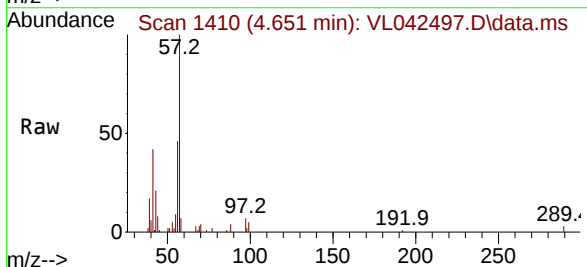
Tgt Ion: 57 Resp: 788

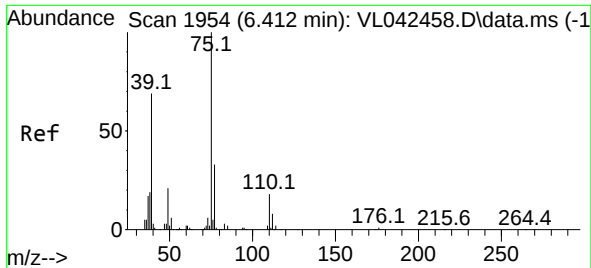
Ion Ratio Lower Upper

57 100

41 0.0 30.6 45.8#

56 459.6 25.0 37.6#

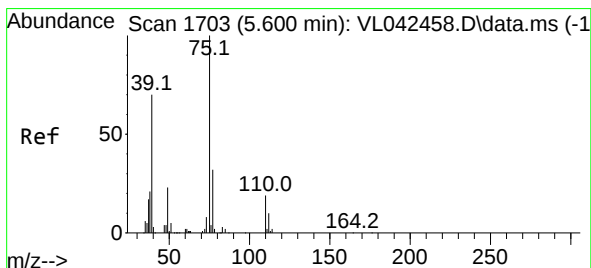
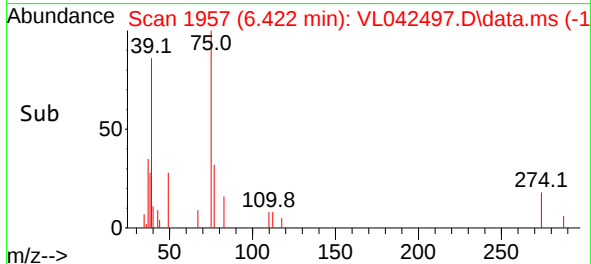
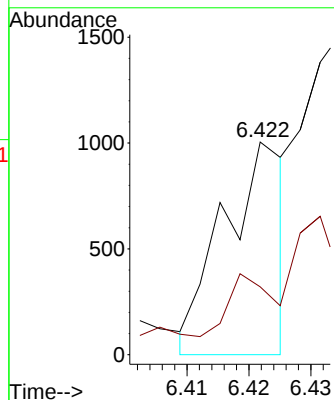
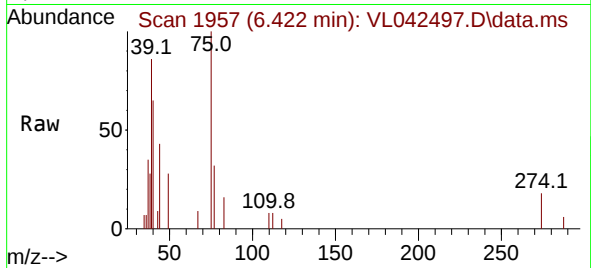




#45
 t-1,3-Dichloropropene
 Concen: 0.085 ppbv
 RT: 6.422 min Scan# 1957
 Delta R.T. 0.010 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

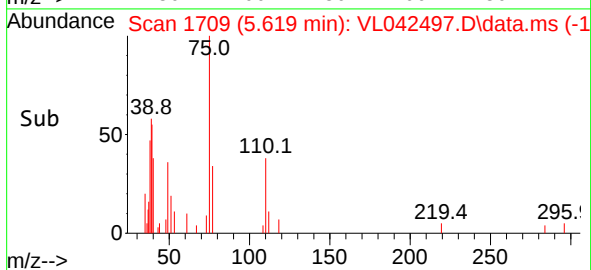
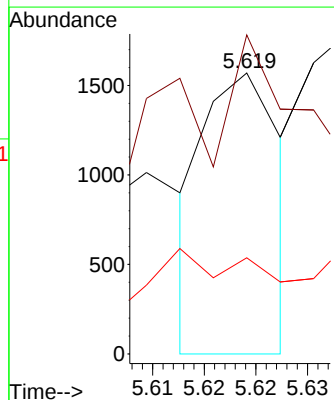
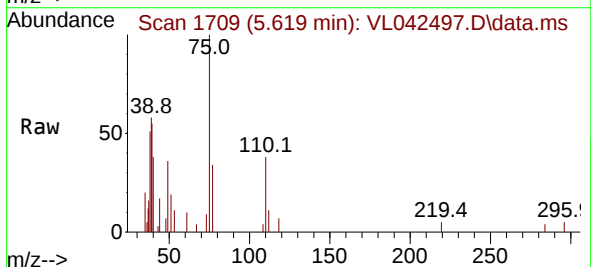
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45

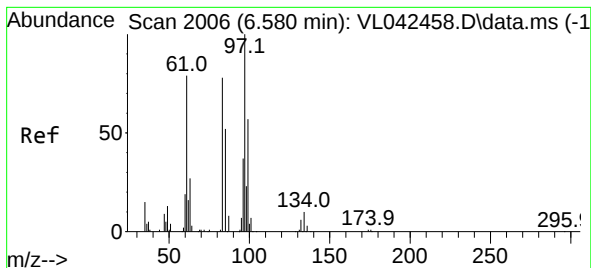
Tgt Ion: 75 Resp: 686
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.3 39.5



#46
 cis-1,3-Dichloropropene
 Concen: 0.085 ppbv
 RT: 5.619 min Scan# 1709
 Delta R.T. 0.020 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

Tgt Ion: 75 Resp: 815
 Ion Ratio Lower Upper
 75 100
 39 61.9 55.7 83.5
 77 20.1 25.8 38.8#





#47

1,1,2-Trichloroethane

Concen: 0.126 ppbv

RT: 6.613 min Scan# 2006

Delta R.T. 0.033 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45

Tgt Ion: 97 Resp: 853

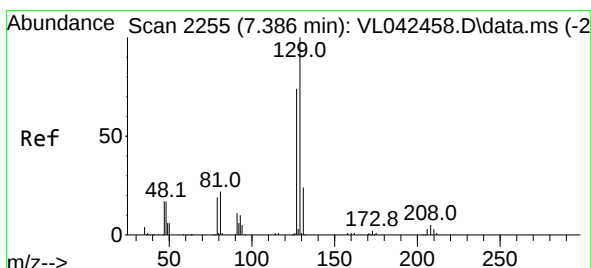
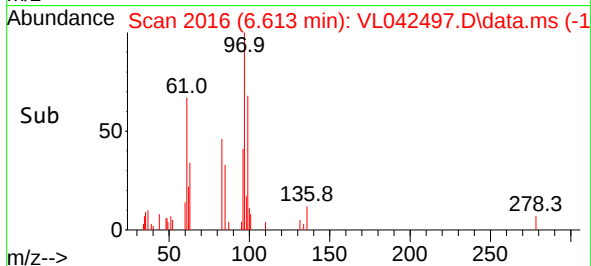
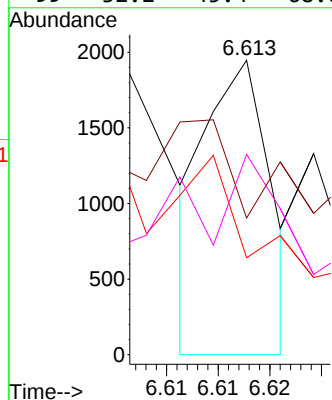
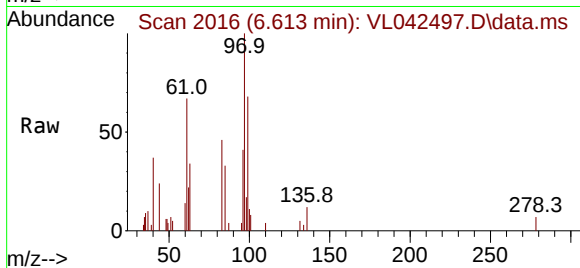
Ion Ratio Lower Upper

97 100

83 0.0 62.2 93.2#

85 0.0 41.5 62.3#

99 32.2 45.4 68.0#



#48

Dibromochloromethane

Concen: 0.144 ppbv

RT: 7.412 min Scan# 2263

Delta R.T. 0.026 min

Lab File: VL042497.D

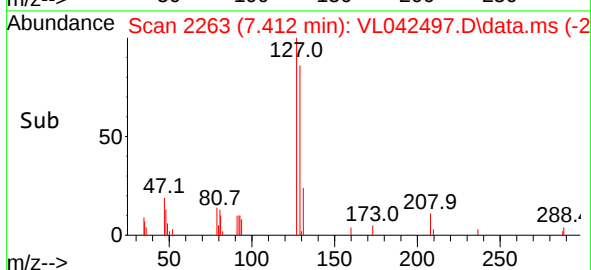
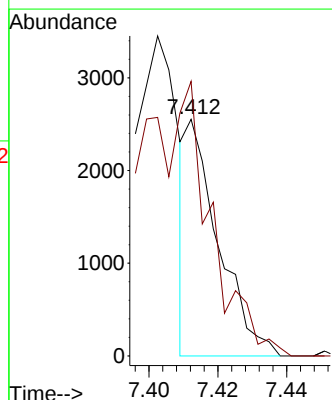
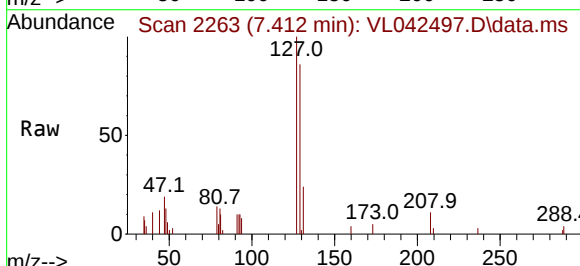
Acq: 06 May 2025 15:29

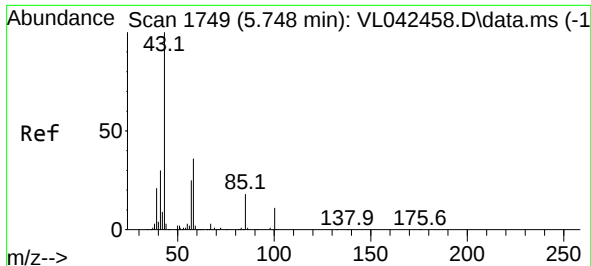
Tgt Ion: 129 Resp: 1652

Ion Ratio Lower Upper

129 100

127 300.5 39.5 118.5#

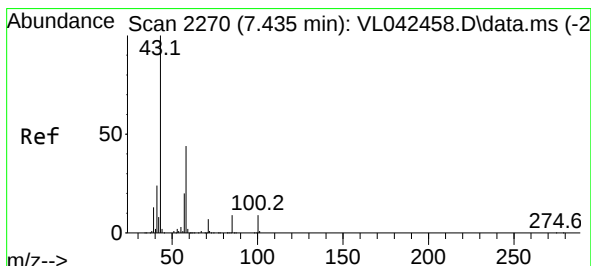
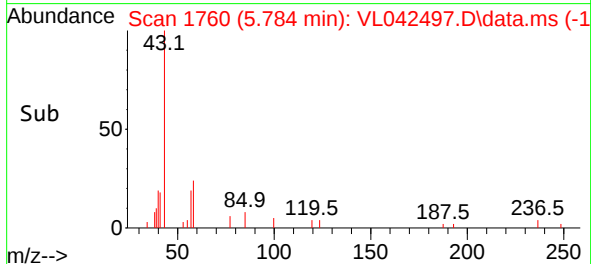
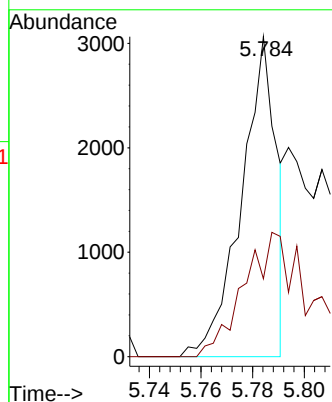
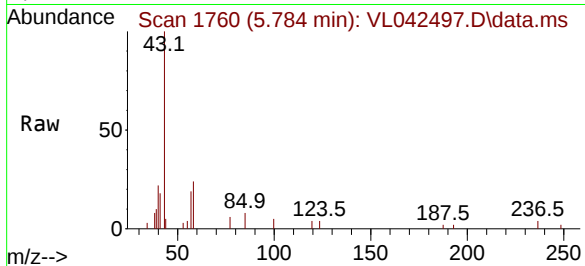




#50
 4-Methyl-2-Pentanone
 Concen: 0.181 ppbv
 RT: 5.784 min Scan# 1760
 Delta R.T. 0.036 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

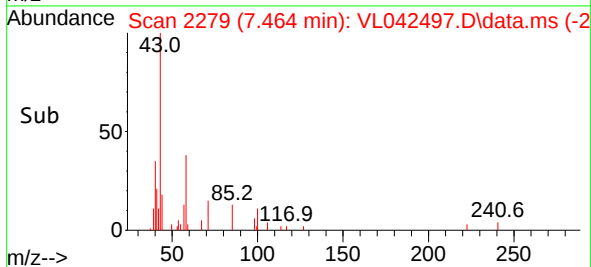
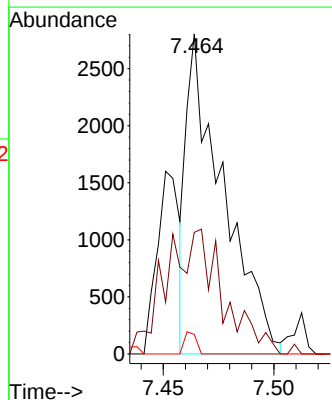
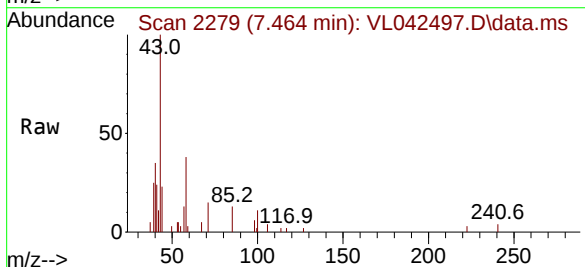
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45

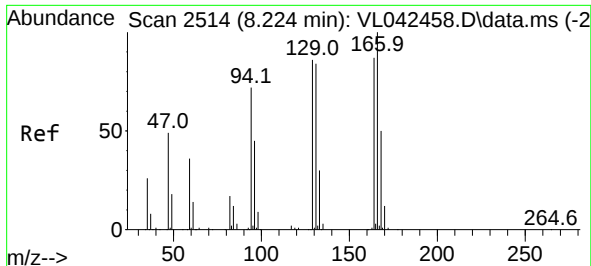
Tgt Ion: 43 Resp: 2892
 Ion Ratio Lower Upper
 43 100
 58 78.6 29.5 44.3#



#51
 2-Hexanone
 Concen: 0.253 ppbv
 RT: 7.464 min Scan# 2279
 Delta R.T. 0.029 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

Tgt Ion: 43 Resp: 3238
 Ion Ratio Lower Upper
 43 100
 58 60.6 37.2 55.8#
 98 0.0 0.4 0.6#

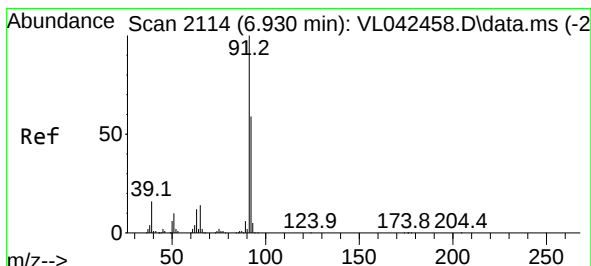
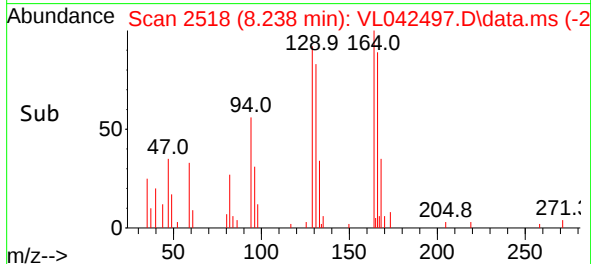
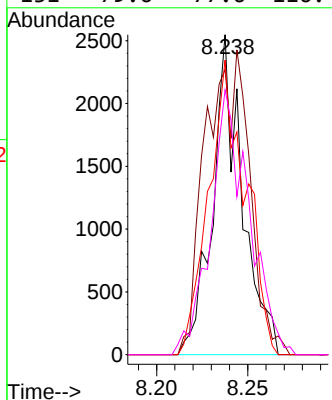
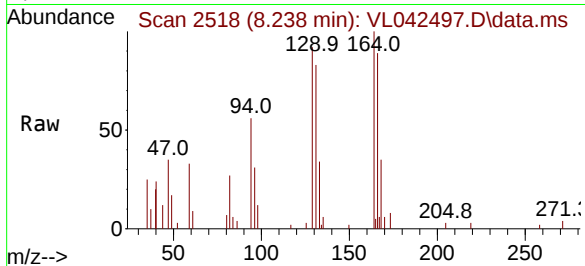




#52
Tetrachloroethene
Concen: 0.458 ppbv
RT: 8.238 min Scan# 2118
Delta R.T. 0.013 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

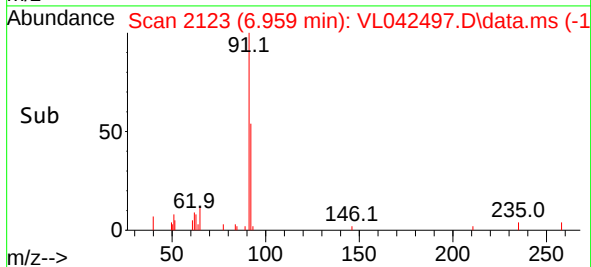
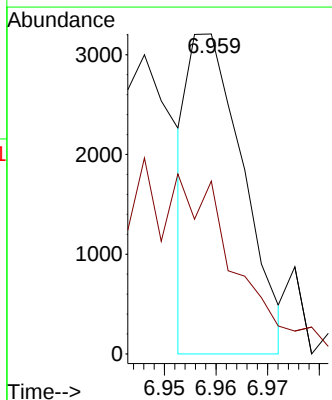
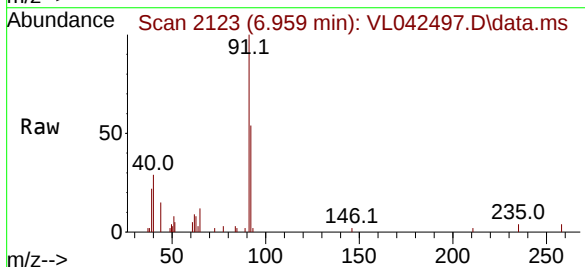
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

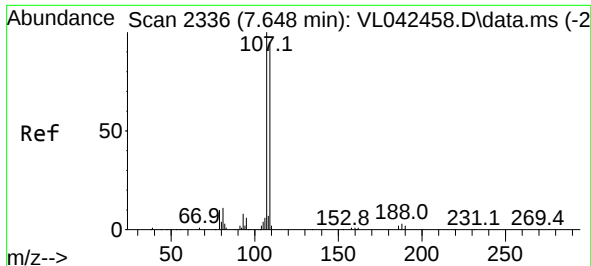
Tgt Ion:164	Resp:	2881	
Ion	Ratio	Lower	Upper
164	100		
166	89.1	91.6	137.4#
129	92.0	79.0	118.4
131	79.6	77.6	116.4



#53
Toluene
Concen: 0.135 ppbv
RT: 6.959 min Scan# 2123
Delta R.T. 0.029 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion: 91	Resp: 2359
Ion Ratio	Lower Upper
91 100	
92 0.0	47.9 71.9#

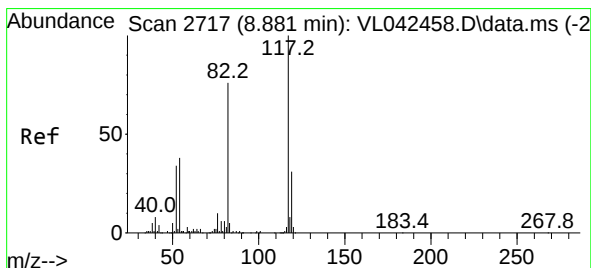
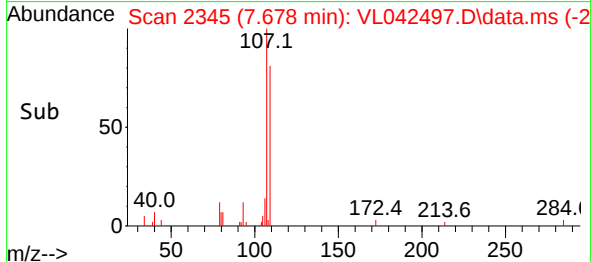
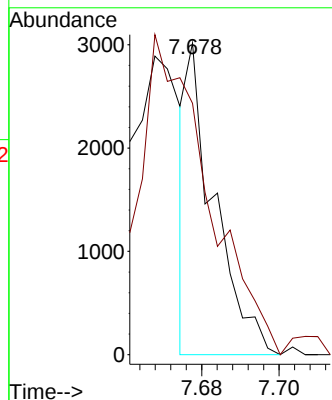
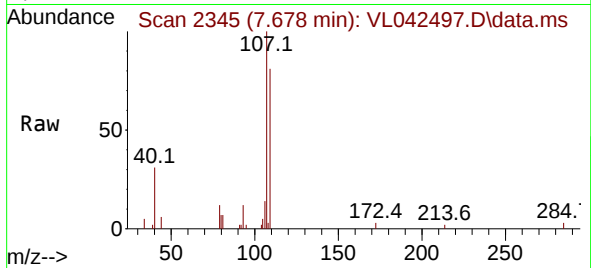




#54
1,2-Dibromoethane
Concen: 0.143 ppbv
RT: 7.678 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

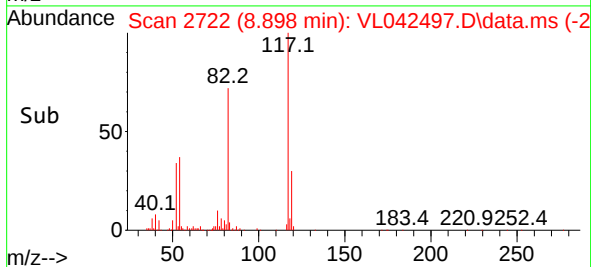
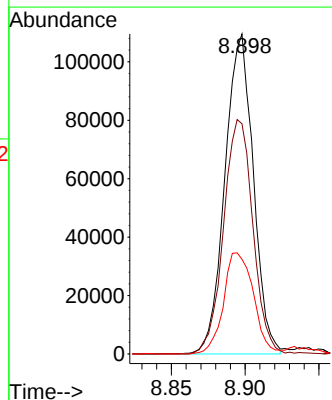
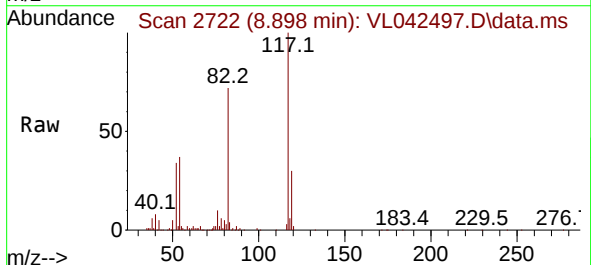
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

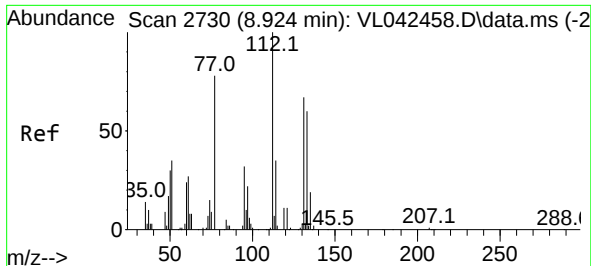
Tgt Ion:107 Resp: 1478
Ion Ratio Lower Upper
107 100
109 80.7 76.0 114.0



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2722
Delta R.T. 0.016 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion:117 Resp: 146510
Ion Ratio Lower Upper
117 100
82 76.1 63.5 95.3
119 35.5 25.8 38.8

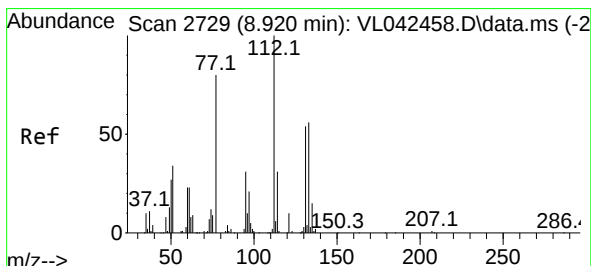
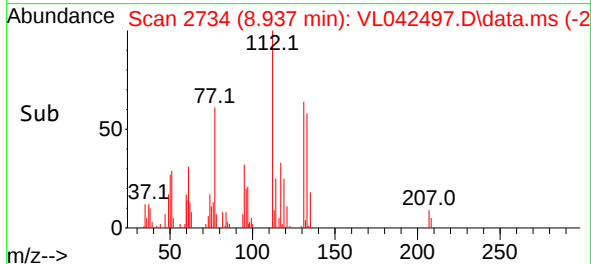
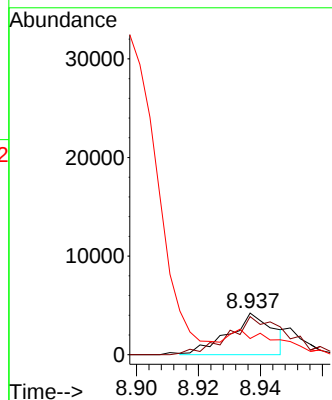
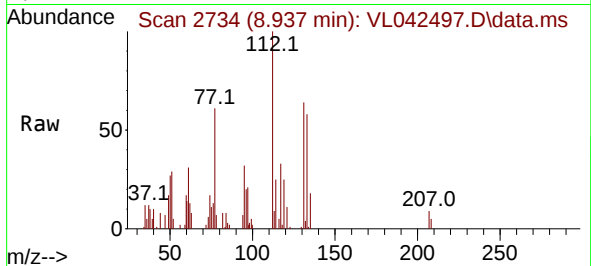




#56
1,1,1,2-Tetrachloroethane
Concen: 0.481 ppbv
RT: 8.937 min Scan# 2734
Delta R.T. 0.013 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

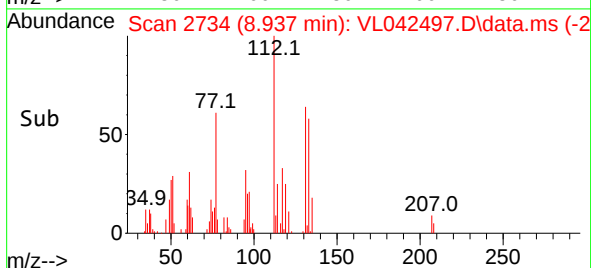
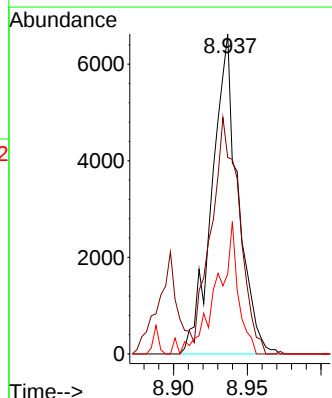
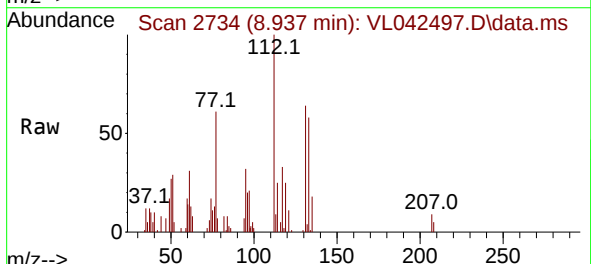
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

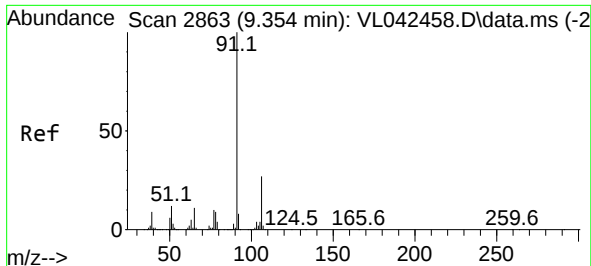
Tgt Ion:131 Resp: 4159
Ion Ratio Lower Upper
131 100
133 122.2 76.0 114.0#
119 0.0 46.1 69.1#



#57
Chlorobenzene
Concen: 0.551 ppbv
RT: 8.937 min Scan# 2734
Delta R.T. 0.016 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion:112 Resp: 8109
Ion Ratio Lower Upper
112 100
77 60.6 65.0 97.4#
114 25.0 27.5 33.7#





#58

Ethyl Benzene

Concen: 0.211 ppbv

RT: 9.364 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Instrument :

MSVOA_L

ClientSampleId :

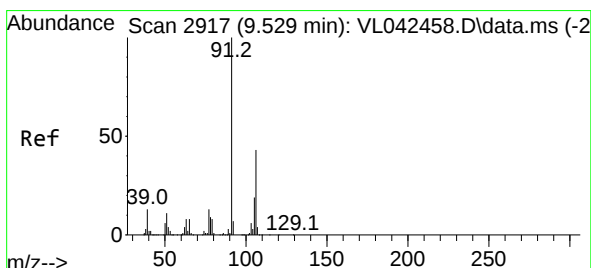
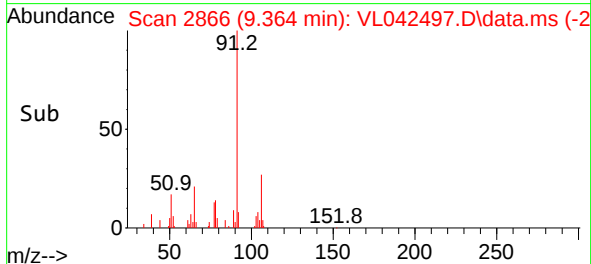
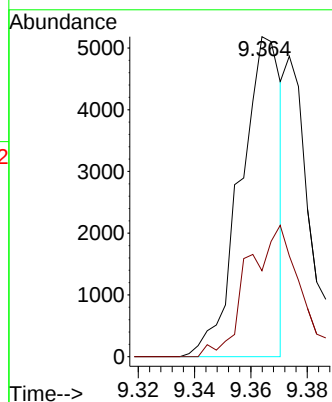
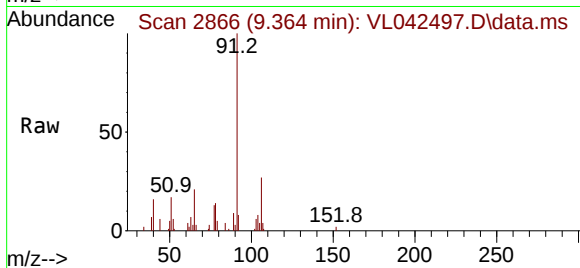
MDL3 0.45

Tgt Ion: 91 Resp: 5157

Ion Ratio Lower Upper

91 100

106 26.8 21.9 32.9



#59

m/p-Xylene

Concen: 0.319 ppbv

RT: 9.548 min Scan# 2923

Delta R.T. 0.020 min

Lab File: VL042497.D

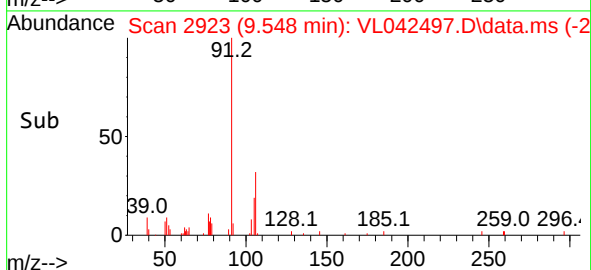
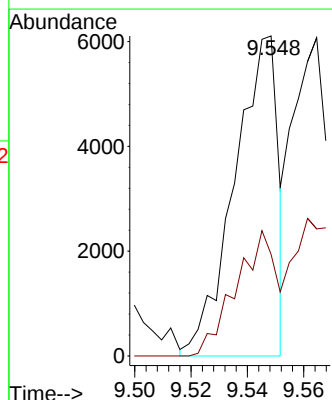
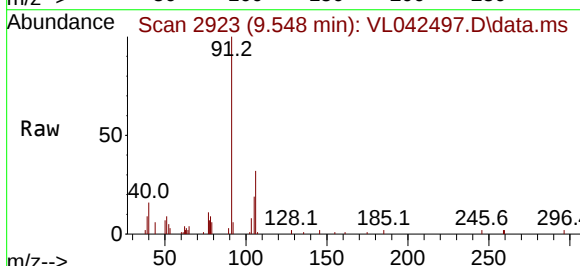
Acq: 06 May 2025 15:29

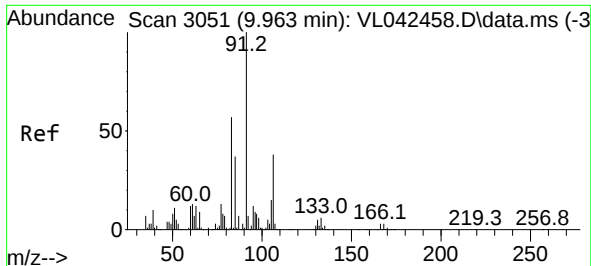
Tgt Ion: 91 Resp: 6546

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.2#

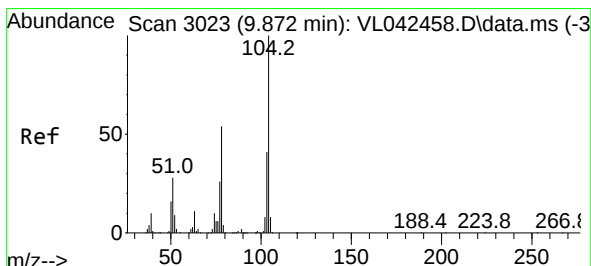
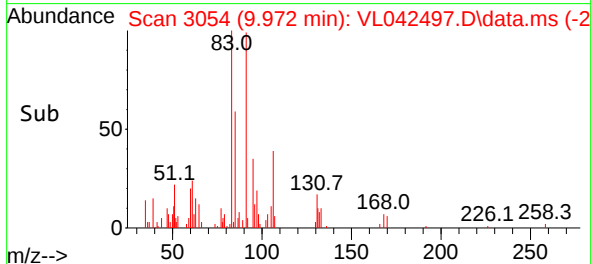
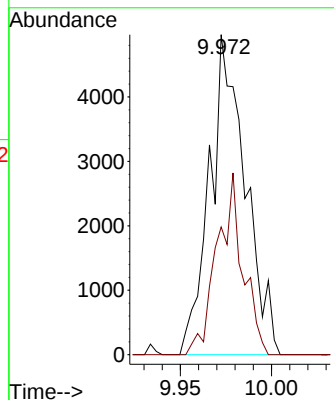
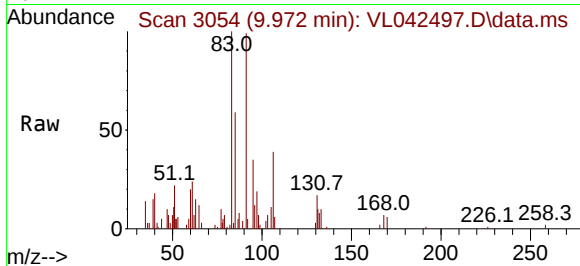




#60
o-Xylene
Concen: 0.328 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

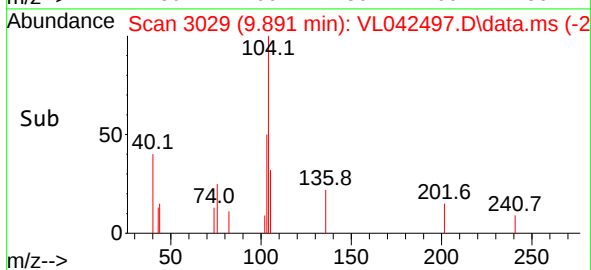
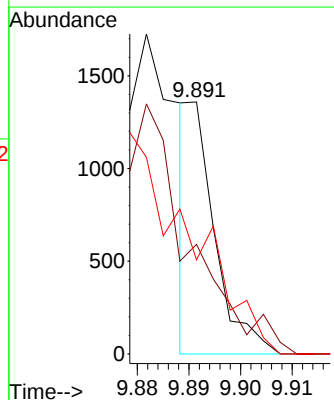
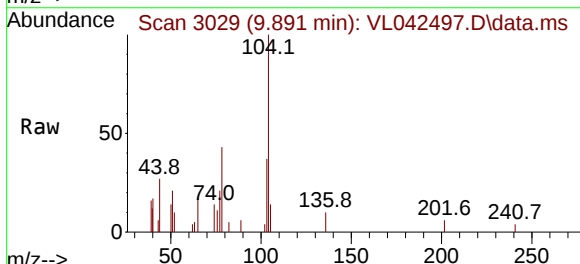
Instrument :
MSVOA_1
ClientSampleId :
MDL3 0.45

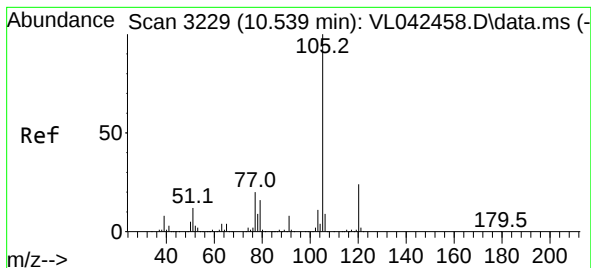
Tgt Ion: 91 Resp: 6747
Ion Ratio Lower Upper
91 100
106 41.2 20.1 60.2



#61
Styrene
Concen: 0.062 ppbv
RT: 9.891 min Scan# 3029
Delta R.T. 0.020 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion: 104 Resp: 476
Ion Ratio Lower Upper
104 100
78 0.0 46.9 70.3#
103 0.0 36.6 55.0#





#62

Isopropylbenzene

Concen: 0.364 ppbv

RT: 10.549 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Instrument :

MSVOA_L

ClientSampleId :

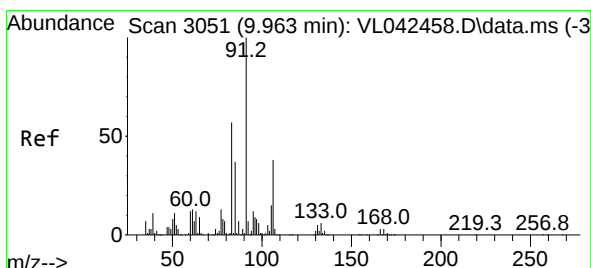
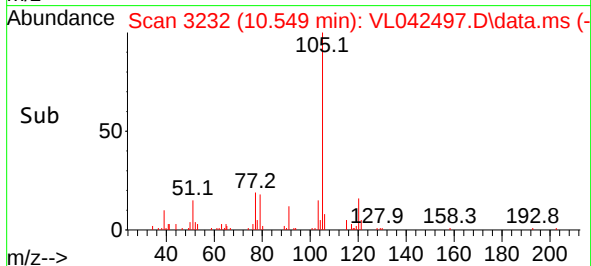
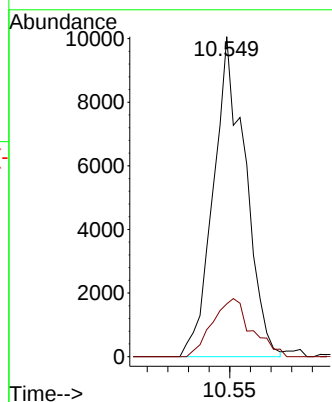
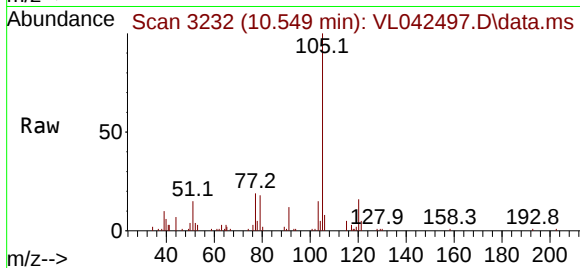
MDL3 0.45

Tgt Ion:105 Resp: 10778

Ion Ratio Lower Upper

105 100

120 22.3 18.8 28.2



#63

1,1,2,2-Tetrachloroethane

Concen: 0.500 ppbv

RT: 9.976 min Scan# 3055

Delta R.T. 0.013 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

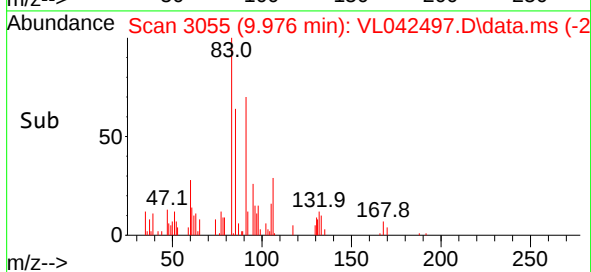
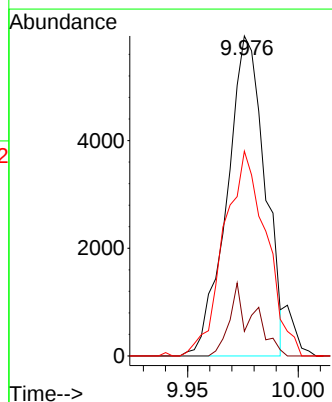
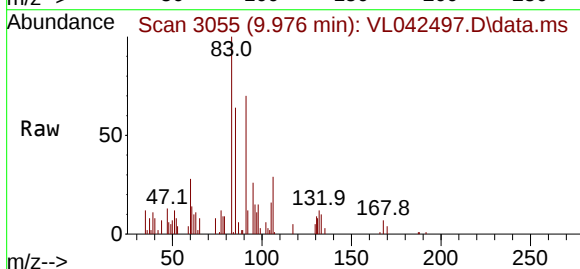
Tgt Ion: 83 Resp: 7080

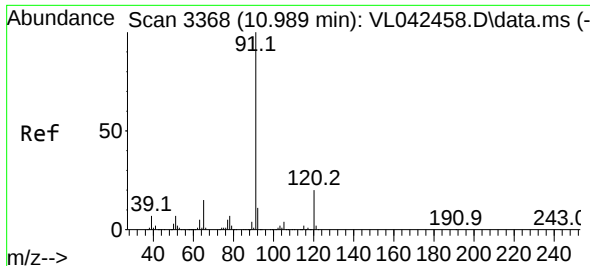
Ion Ratio Lower Upper

83 100

131 14.5 4.7 14.1#

85 71.8 32.5 97.4

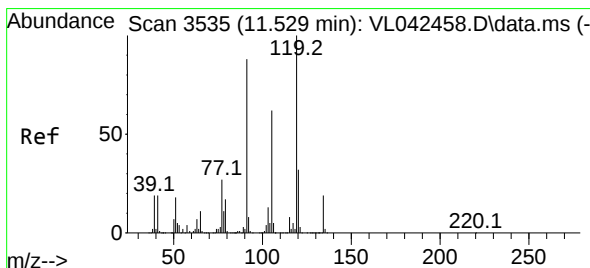
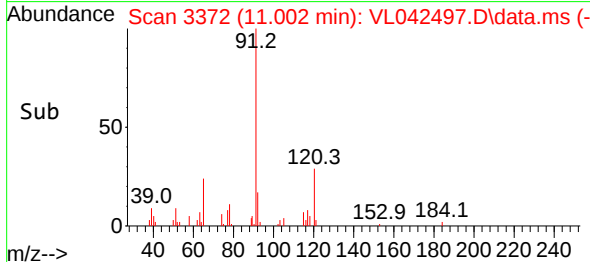
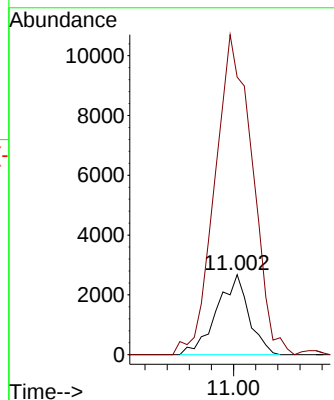
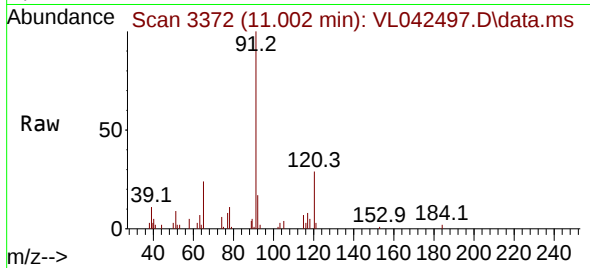




#64
n-propylbenzene
Concen: 0.371 ppbv
RT: 11.002 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

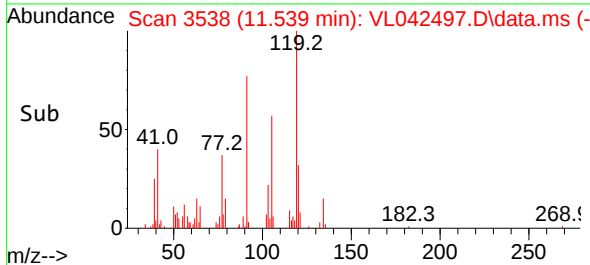
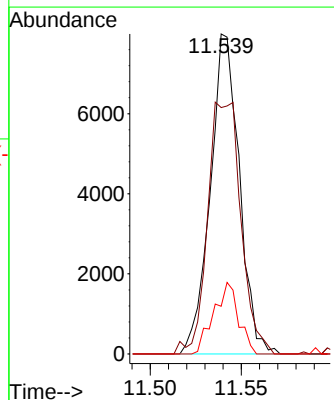
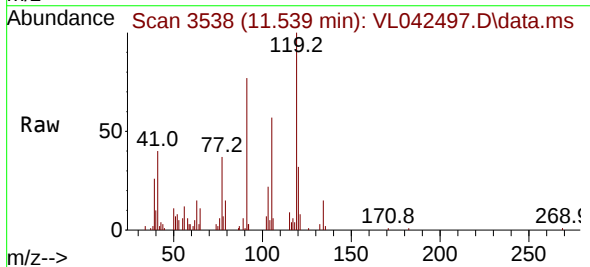
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

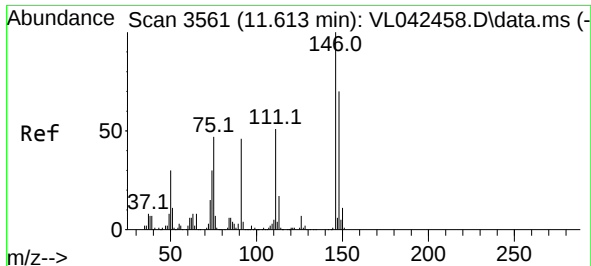
Tgt Ion:120 Resp: 2689
Ion Ratio Lower Upper
120 100
91 473.7 408.6 612.8



#65
tert-Butylbenzene
Concen: 0.335 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion:119 Resp: 8871
Ion Ratio Lower Upper
119 100
91 90.1 71.6 107.4
134 19.0 15.0 22.4

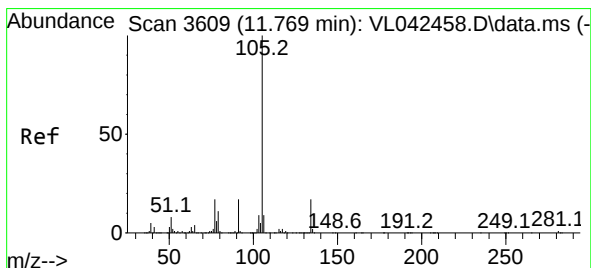
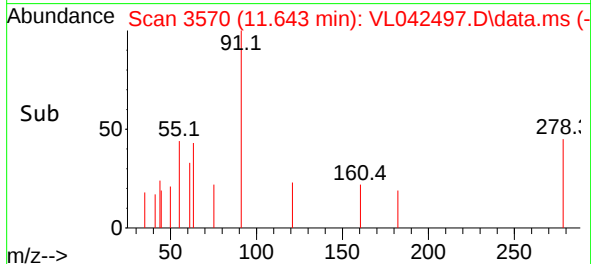
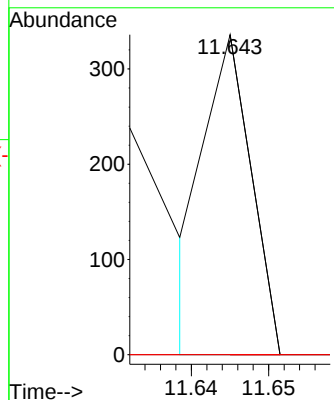
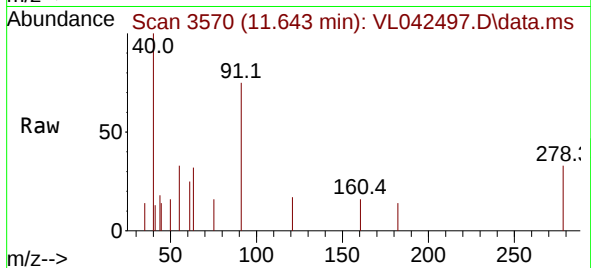




#66
Benzyl Chloride
Concen: 0.021 ppbv
RT: 11.643 min Scan# 311
Delta R.T. 0.029 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

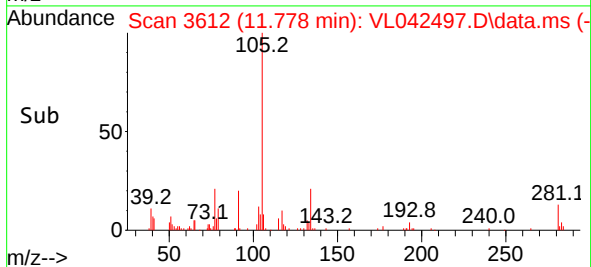
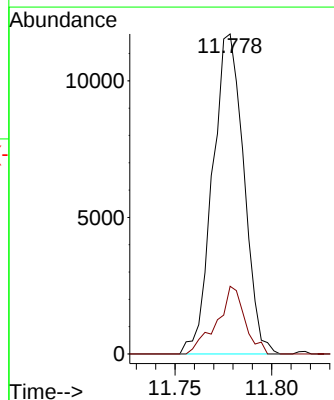
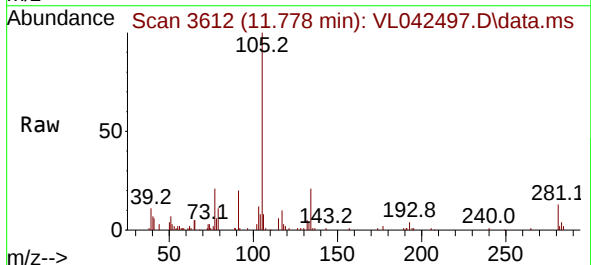
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

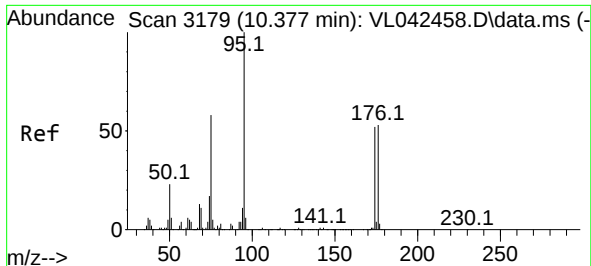
Tgt Ion: 91 Resp: 65
Ion Ratio Lower Upper
91 100
126 0.0 13.3 19.9#
128 0.0 4.2 6.4#



#67
sec-Butylbenzene
Concen: 0.348 ppbv
RT: 11.778 min Scan# 3612
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion: 105 Resp: 13100
Ion Ratio Lower Upper
105 100
134 18.9 14.1 21.1

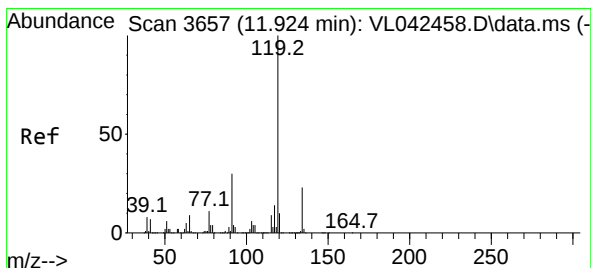
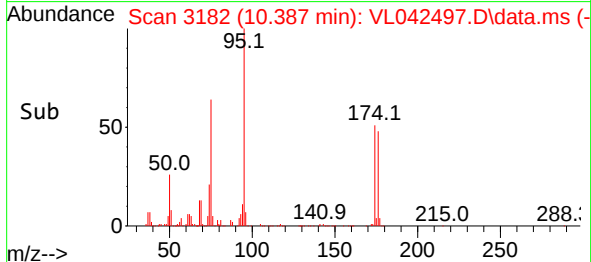
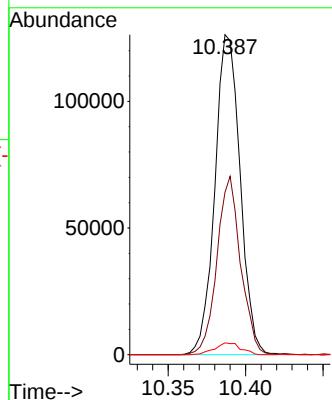
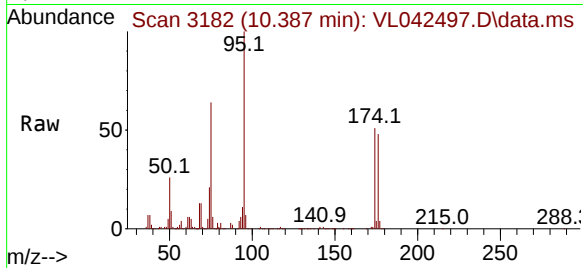




#68
1-Bromo-4-Fluorobenzene
Concen: 10.547 ppbv
RT: 10.387 min Scan# 3179
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

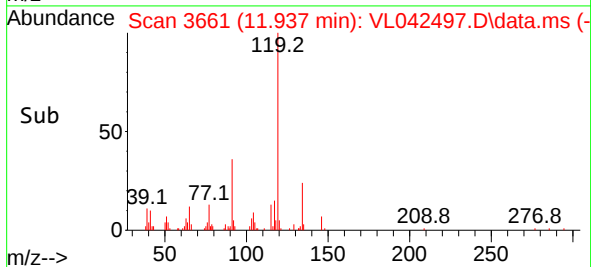
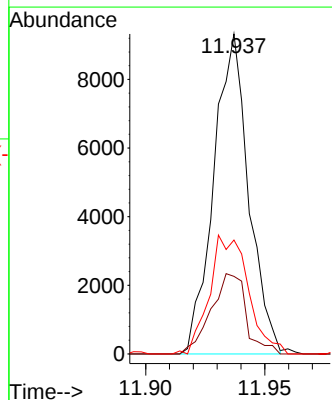
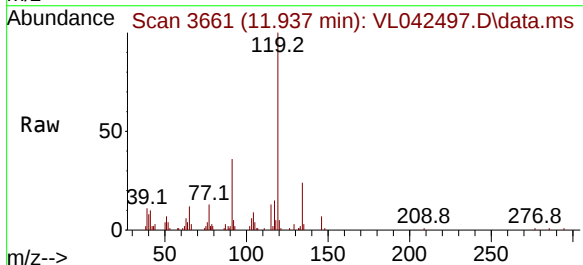
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

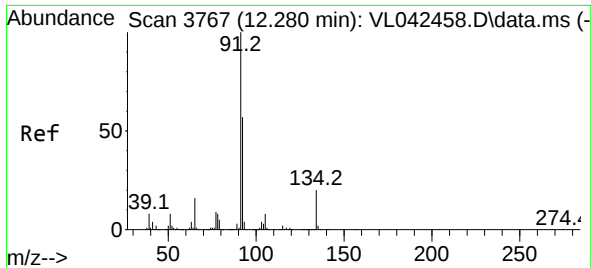
Tgt Ion: 95 Resp: 143269
Ion Ratio Lower Upper
95 100
174 52.3 42.7 64.1
175 3.8 3.6 5.4



#69
p-Isopropyltoluene
Concen: 0.301 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. 0.013 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion: 119 Resp: 9527
Ion Ratio Lower Upper
119 100
134 25.0 19.0 28.4
91 41.0 25.5 38.3#

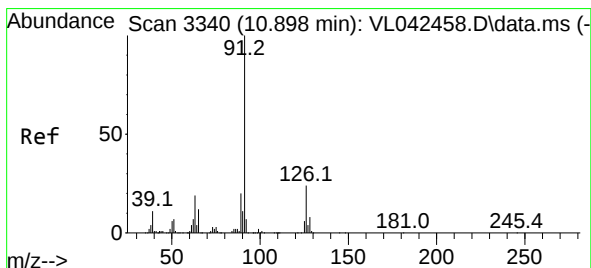
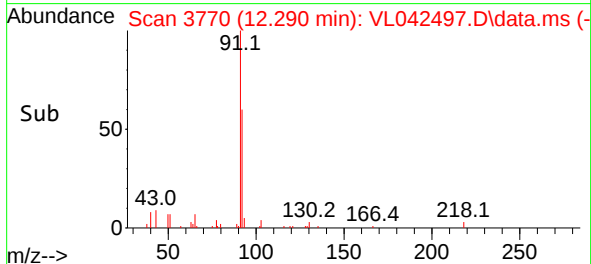
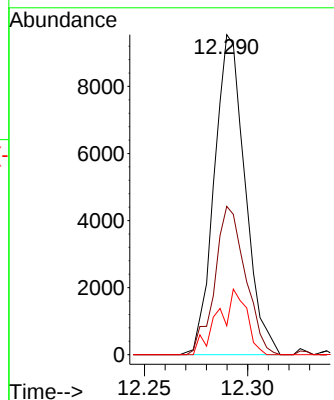
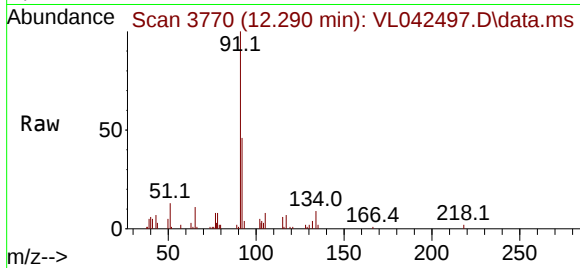




#70
n-Butylbenzene
Concen: 0.302 ppbv
RT: 12.290 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

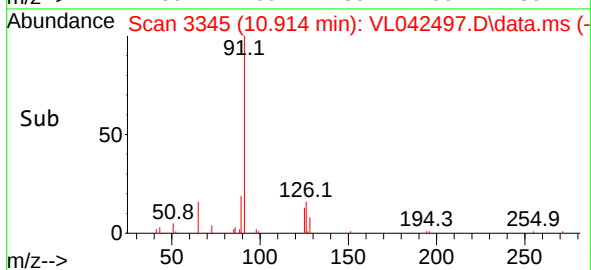
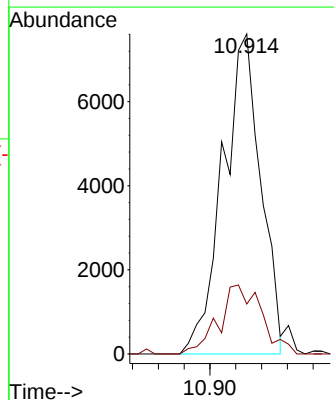
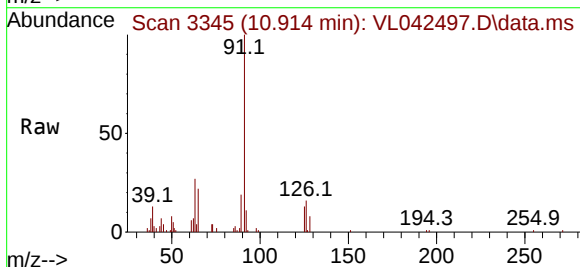
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.45

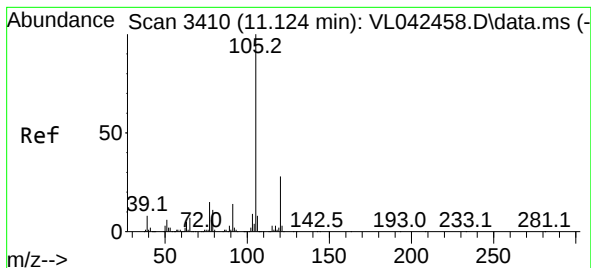
Tgt Ion:	91	Resp:	9888
Ion	Ratio	Lower	Upper
91	100		
92	46.5	44.0	66.0
134	19.1	16.8	25.2



#71
2-Chlorotoluene
Concen: 0.335 ppbv
RT: 10.914 min Scan# 3345
Delta R.T. 0.016 min
Lab File: VL042497.D
Acq: 06 May 2025 15:29

Tgt Ion:	91	Resp:	7782
Ion	Ratio	Lower	Upper
91	100		
126	24.4	10.6	42.2





#72

4-Ethyltoluene

Concen: 0.308 ppbv

RT: 11.138 min Scan# 3414

Delta R.T. 0.013 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45

Tgt Ion:105 Resp: 7467

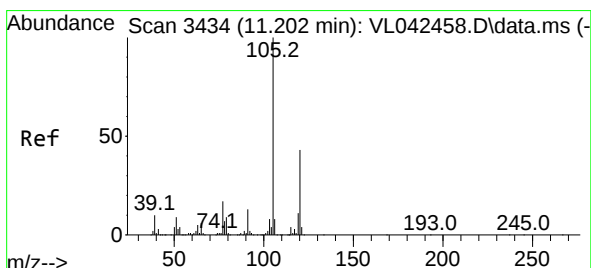
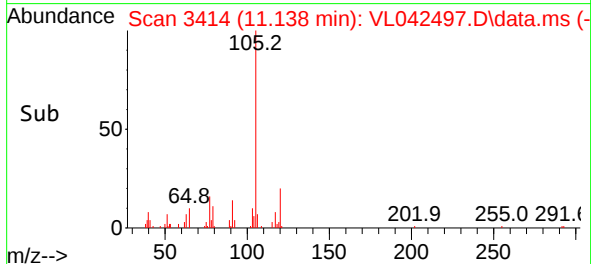
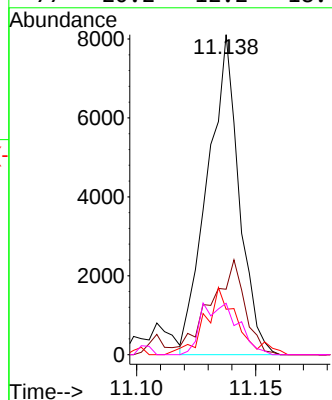
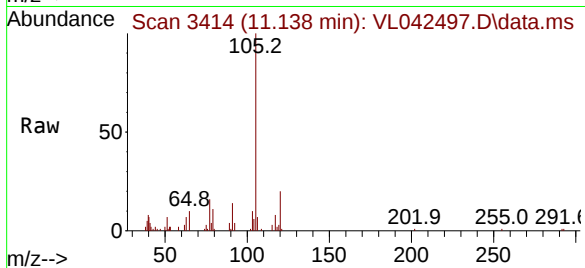
Ion Ratio Lower Upper

105 100

120 35.6 22.0 33.0#

91 22.1 11.2 16.8#

77 20.2 12.2 18.4#



#73

1,3,5-Trimethylbenzene

Concen: 0.339 ppbv

RT: 11.212 min Scan# 3437

Delta R.T. 0.010 min

Lab File: VL042497.D

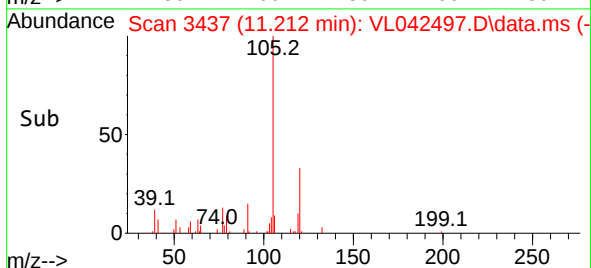
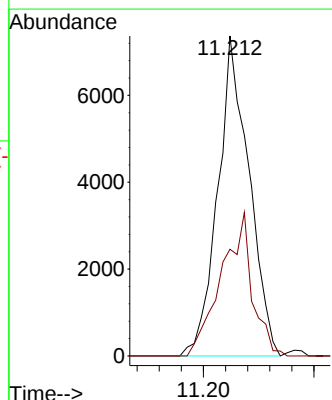
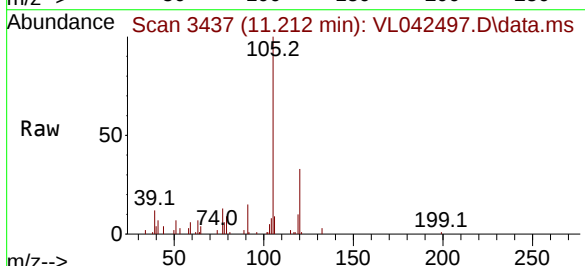
Acq: 06 May 2025 15:29

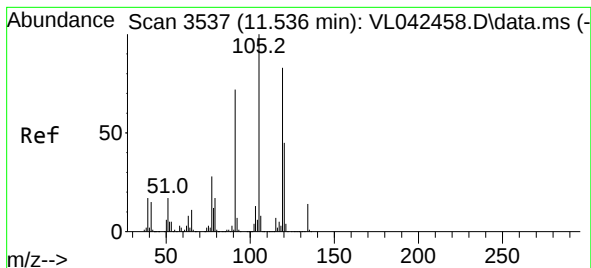
Tgt Ion:105 Resp: 7226

Ion Ratio Lower Upper

105 100

120 33.4 34.4 51.6#





#74

1,2,4-Trimethylbenzene

Concen: 0.365 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.010 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45

Tgt Ion:105 Resp: 9418

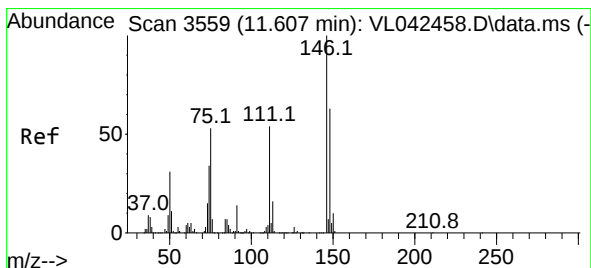
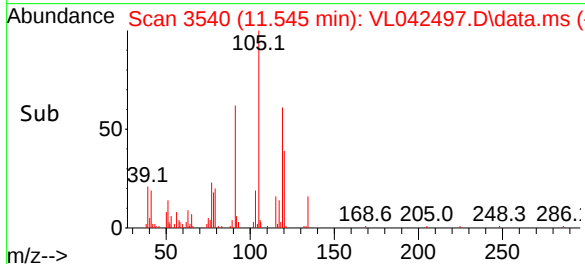
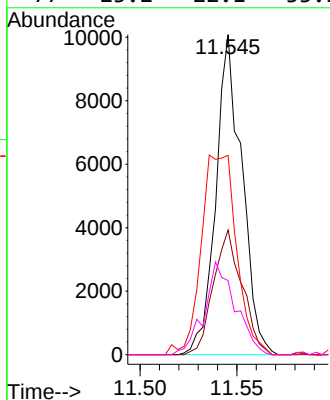
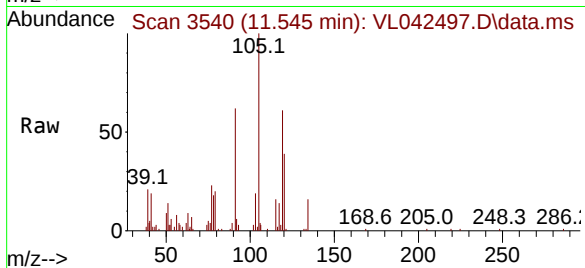
Ion Ratio Lower Upper

105 100

120 39.0 36.1 54.1

91 62.3 57.6 86.4

77 23.2 22.1 33.1



#75

1,3-Dichlorobenzene

Concen: 0.476 ppbv

RT: 11.617 min Scan# 3562

Delta R.T. 0.010 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

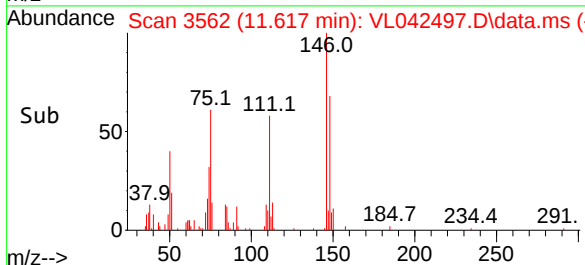
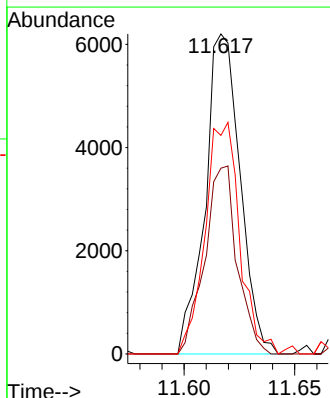
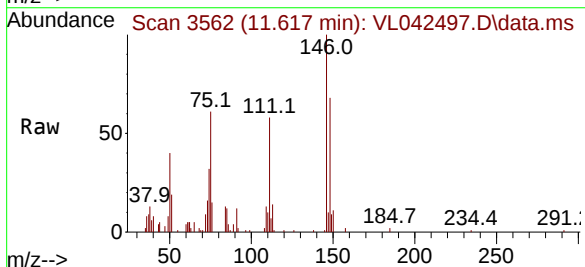
Tgt Ion:146 Resp: 6836

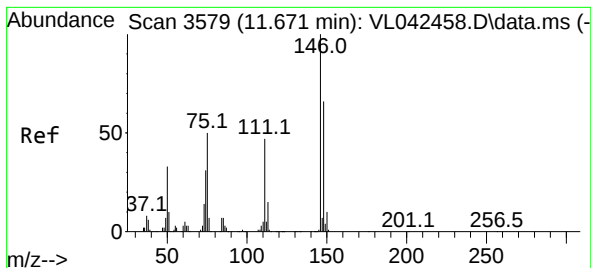
Ion Ratio Lower Upper

146 100

111 54.6 26.1 78.3

148 71.4 32.0 96.0





#76

1,4-Dichlorobenzene

Concen: 0.450 ppbv

RT: 11.678 min Scan# 3581

Delta R.T. 0.007 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

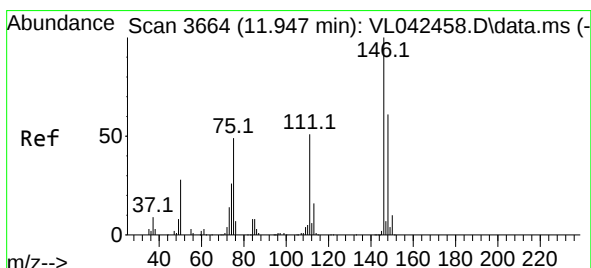
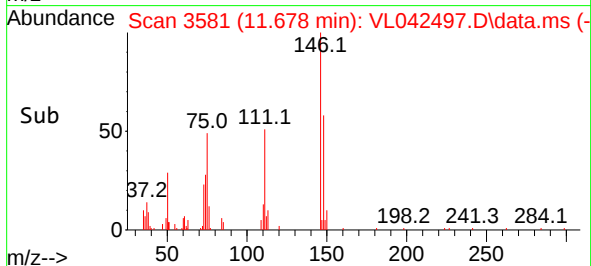
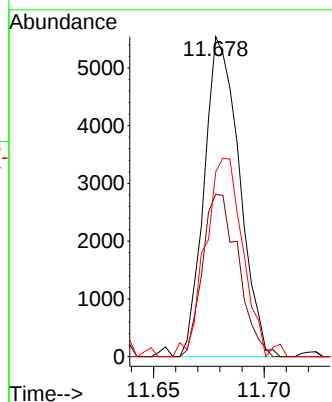
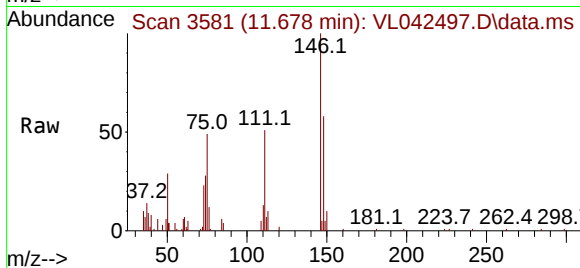
Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.45

Tgt Ion:	146	Resp:	6114
Ion	Ratio	Lower	Upper
146	100		
111	51.7	24.4	73.2
148	66.5	32.0	96.2



#77

1,2-Dichlorobenzene

Concen: 0.531 ppbv

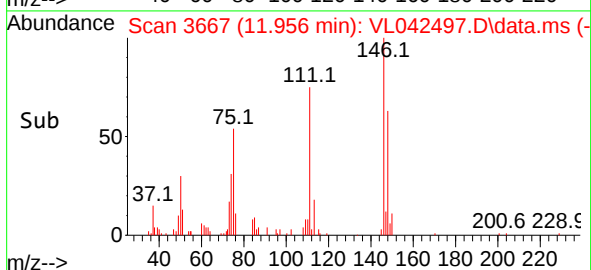
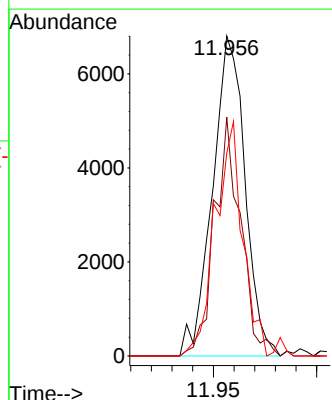
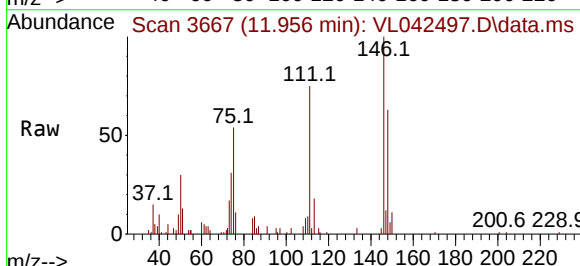
RT: 11.956 min Scan# 3667

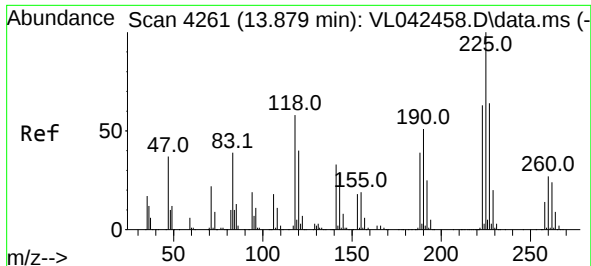
Delta R.T. 0.010 min

Lab File: VL042497.D

Acq: 06 May 2025 15:29

Tgt Ion:	146	Resp:	7457
Ion	Ratio	Lower	Upper
146	100		
111	60.4	26.5	79.5
148	63.6	31.5	94.5

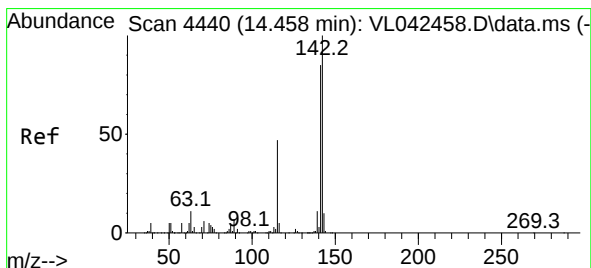
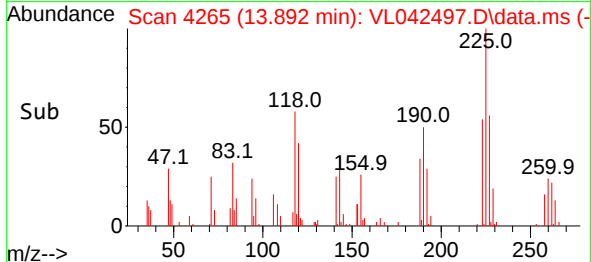
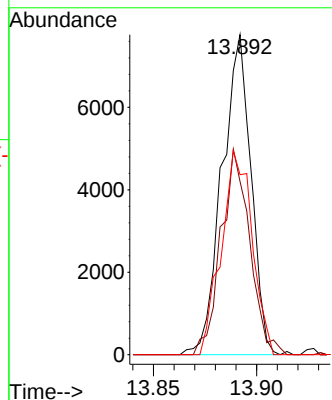
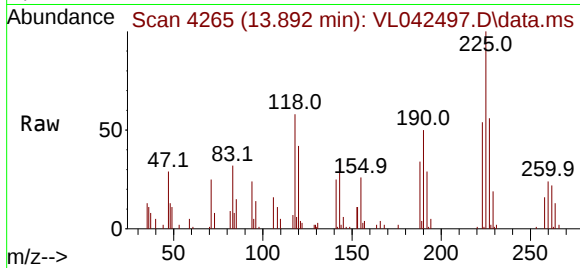




#78
 Hexachloro-1,3-Butadiene
 Concen: 0.540 ppbv
 RT: 13.892 min Scan# 4265
 Delta R.T. 0.013 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

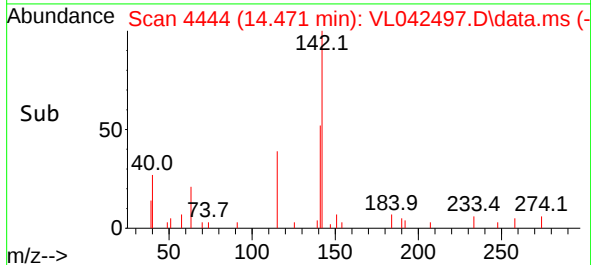
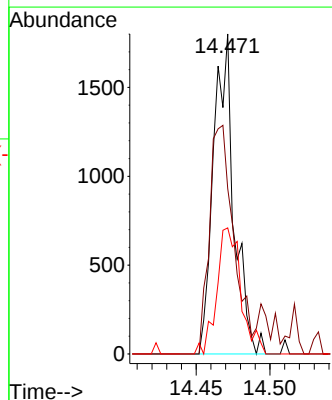
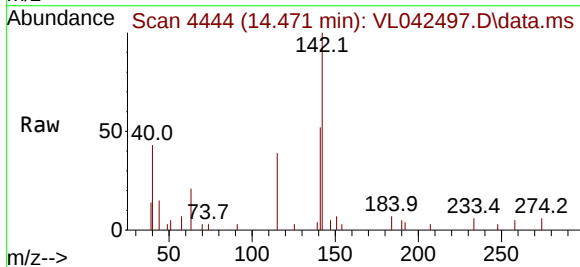
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45

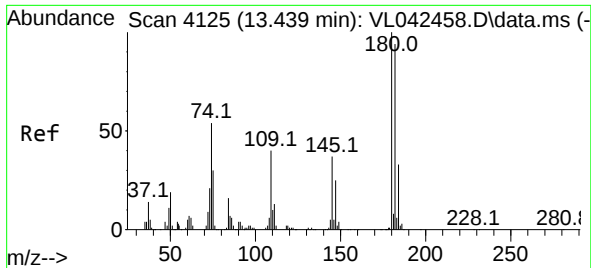
Tgt Ion:225 Resp: 7573
 Ion Ratio Lower Upper
 225 100
 223 63.8 50.2 75.4
 227 67.7 51.2 76.8



#80
 Naphthalene,2-methyl-
 Concen: 0.108 ppbv
 RT: 14.471 min Scan# 4444
 Delta R.T. 0.013 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

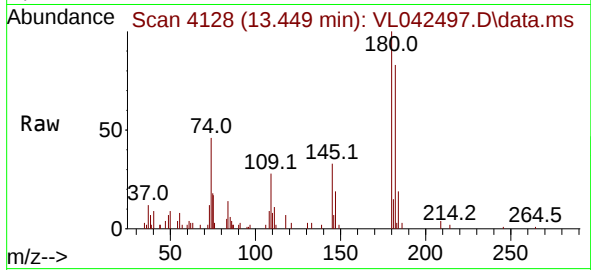
Tgt Ion:142 Resp: 1745
 Ion Ratio Lower Upper
 142 100
 141 103.2 67.4 101.0#
 115 46.1 36.9 55.3





#81
 1,2,4-Trichlorobenzene
 Concen: 0.329 ppbv
 RT: 13.449 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL042497.D
 Acq: 06 May 2025 15:29

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.45



Tgt Ion:	180	Resp:	3803
Ion	Ratio	Lower	Upper
180	100		
182	96.7	74.6	111.8
184	30.2	24.9	37.3

