

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042496.D
 Acq On : 06 May 2025 14:57
 Operator : SY/MD
 Sample : MDL2 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.45

Quant Time: May 07 01:40:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	66102	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	176315	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.888	117	147893	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	144260	10.521	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	6620	0.605	ppbv	98
3) Chlorodifluoromethane	1.476	51	6638	0.574	ppbv	97
4) Chloromethane	1.534	50	2845	0.622	ppbv #	86
5) Vinyl Chloride	1.583	62	2412	0.524	ppbv	90
6) Bromomethane	1.670	94	1356	0.623	ppbv	95
7) Chloroethane	1.706	64	1144	0.673	ppbv	91
8) Dichlorotetrafluoroethane	1.557	85	5795	0.643	ppbv	94
9) Propene	1.486	41	1646	0.435	ppbv	94
10) Heptane	4.991	43	1497	0.153	ppbv #	1
11) Trichlorofluoromethane	1.881	101	7042	0.698	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.140	101	4738	0.588	ppbv	86
13) Ethanol	1.725	45	471	0.614	ppbv #	56
14) Bromoethene	1.784	108	2090	0.702	ppbv #	85
15) Acetone	1.839	43	8903	0.738	ppbv	98
16) 1,3-Butadiene	1.612	39	3568	0.670	ppbv	84
17) tert-Butyl alcohol	2.043	59	6121	0.576	ppbv #	83
18) 1,1-Dichloroethene	2.036	96	1448	0.385	ppbv #	67
19) Isopropyl Alcohol	1.890	45	3938	0.590	ppbv #	94
20) Methylene Chloride	2.062	84	3246	0.895	ppbv #	76
21) Allyl Chloride	2.098	41	4182	0.539	ppbv	86
22) trans-1,2-Dichloroethene	2.344	96	2503	0.569	ppbv #	75
23) Vinyl Acetate	2.463	43	5435	0.472	ppbv #	81
24) 1,1-Dichloroethane	2.412	63	5265	0.587	ppbv #	94
25) Ethyl Acetate	2.845	43	8708	0.451	ppbv #	96
26) Hexane	2.829	57	3125	0.371	ppbv #	77
27) Carbon Disulfide	2.153	76	5933	0.604	ppbv #	32
28) Methyl tert-Butyl Ether	2.444	73	2804	0.554	ppbv #	69
29) Chloroform	2.855	83	9549	0.605	ppbv #	82
30) Cyclohexane	3.862	84	696	0.099	ppbv #	1
31) cis-1,2-Dichloroethene	2.725	61	4733	0.482	ppbv	93
32) 1,1,1-Trichloroethane	3.376	97	2779	0.162	ppbv #	22
34) 2-Butanone	2.570	43	5739	0.450	ppbv	96
35) Carbon Tetrachloride	3.774	117	7720	0.482	ppbv #	86
36) Benzene	3.664	78	6693	0.402	ppbv	95
37) 1,2-Dichloroethane	3.224	62	6738	0.525	ppbv	98
38) Trichloroethene	4.557	130	781	0.123	ppbv #	50
39) 1,2-Dichloropropane	4.318	63	1672	0.268	ppbv #	44
40) 1,4-Dioxane	4.616	88	636	0.218	ppbv #	100
41) Tetrahydrofuran	3.072	42	2159	0.356	ppbv #	64
42) Bromodichloromethane	4.499	83	8700	0.555	ppbv #	89
43) Methyl Methacrylate	4.894	69	729	0.117	ppbv #	1
44) 2,2,4-Trimethylpentane	4.654	57	4080	0.151	ppbv #	6
45) t-1,3-Dichloropropene	6.428	75	1436	0.176	ppbv	89

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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

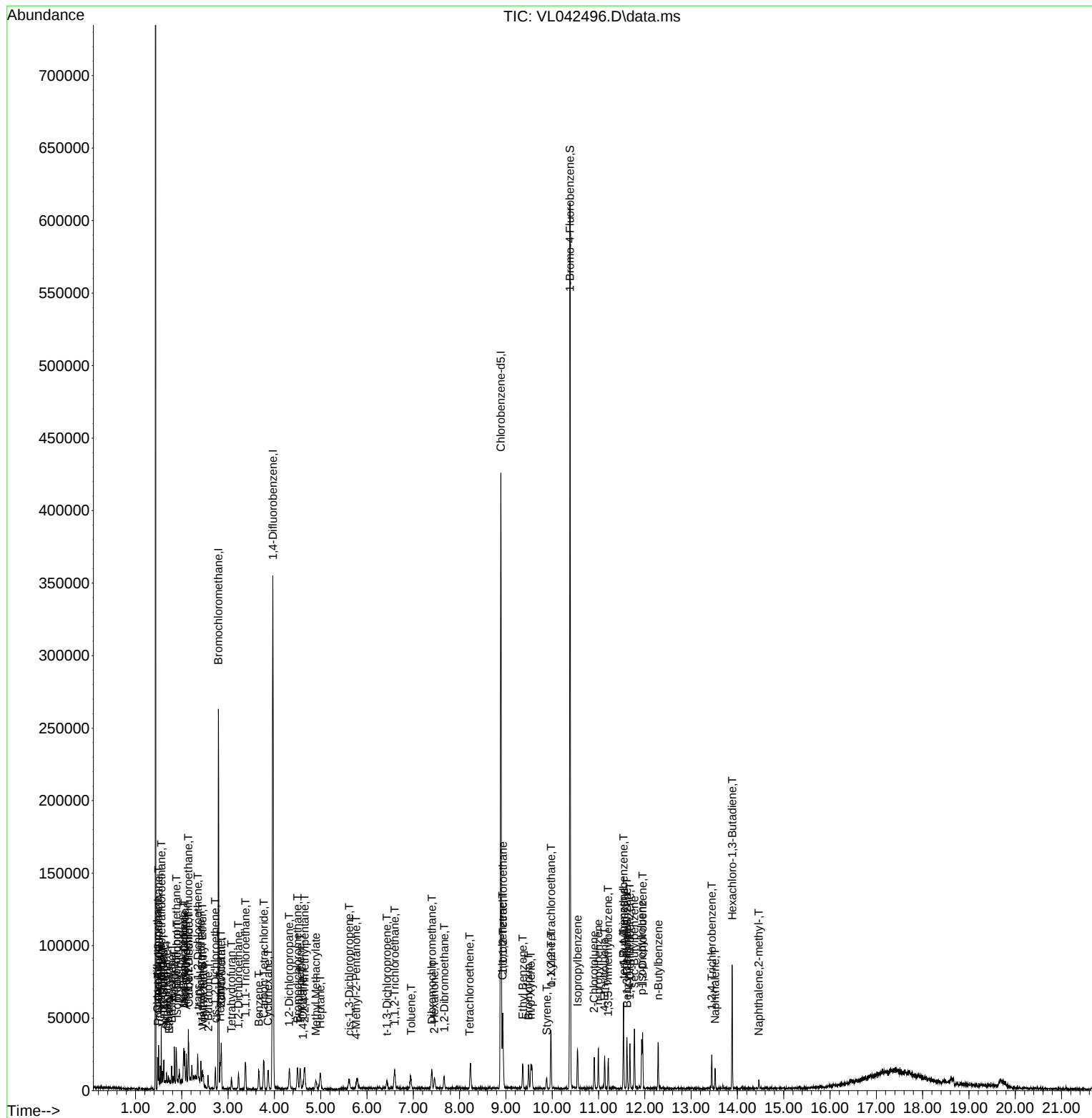
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.613	75	1750	0.181	ppbv #	79
47) 1,1,2-Trichloroethane	6.600	97	3097	0.453	ppbv #	83
48) Dibromochloromethane	7.399	129	4472	0.388	ppbv	86
49) Bromoform	9.487	173	3916	0.405	ppbv #	88
50) 4-Methyl-2-Pentanone	5.765	43	1214	0.075	ppbv #	38
51) 2-Hexanone	7.454	43	4647	0.360	ppbv #	96
52) Tetrachloroethene	8.215	164	301	0.048	ppbv	93
53) Toluene	6.956	91	1581	0.090	ppbv #	21
54) 1,2-Dibromoethane	7.668	107	4797	0.459	ppbv #	68
56) 1,1,1,2-Tetrachloroethane	8.933	131	5388	0.617	ppbv #	70
57) Chlorobenzene	8.927	112	7961	0.536	ppbv #	79
58) Ethyl Benzene	9.361	91	8636	0.349	ppbv	96
59) m/p-Xylene	9.539	91	2549	0.123	ppbv #	33
60) o-Xylene	9.976	91	6798	0.328	ppbv	96
61) Styrene	9.882	104	1738	0.225	ppbv #	26
62) Isopropylbenzene	10.548	105	11113	0.371	ppbv	94
63) 1,1,2,2-Tetrachloroethane	9.976	83	7773	0.543	ppbv	95
64) n-propylbenzene	10.995	120	2024	0.277	ppbv #	58
65) tert-Butylbenzene	11.536	119	8136	0.305	ppbv	91
66) Benzyl Chloride	11.620	91	1394	0.452	ppbv #	92
67) sec-Butylbenzene	11.772	105	12683	0.334	ppbv	96
69) p-Isopropyltoluene	11.930	119	10165	0.318	ppbv	97
70) n-Butylbenzene	12.290	91	10320	0.312	ppbv	94
71) 2-Chlorotoluene	10.904	91	8218	0.350	ppbv	90
72) 4-Ethyltoluene	11.131	105	8500	0.348	ppbv #	93
73) 1,3,5-Trimethylbenzene	11.205	105	7183	0.334	ppbv #	85
74) 1,2,4-Trimethylbenzene	11.542	105	8769	0.337	ppbv #	87
75) 1,3-Dichlorobenzene	11.613	146	7021	0.485	ppbv	98
76) 1,4-Dichlorobenzene	11.678	146	6291	0.459	ppbv	96
77) 1,2-Dichlorobenzene	11.953	146	7558	0.533	ppbv	96
78) Hexachloro-1,3-Butadiene	13.885	225	7741	0.547	ppbv	95
79) Naphthalene	13.516	128	5205	0.238	ppbv #	83
80) Naphthalene,2-methyl-	14.462	142	1562	0.096	ppbv #	78
81) 1,2,4-Trichlorobenzene	13.445	180	3278	0.281	ppbv	90

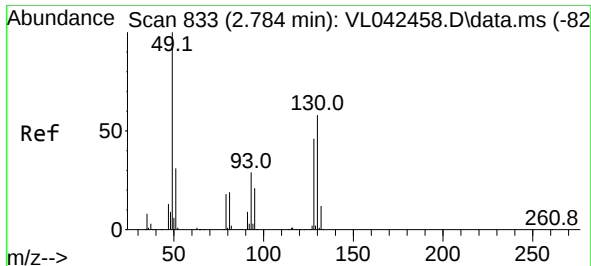
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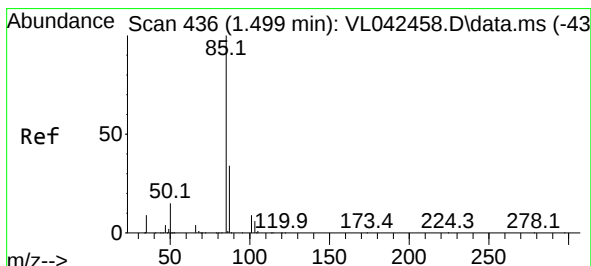
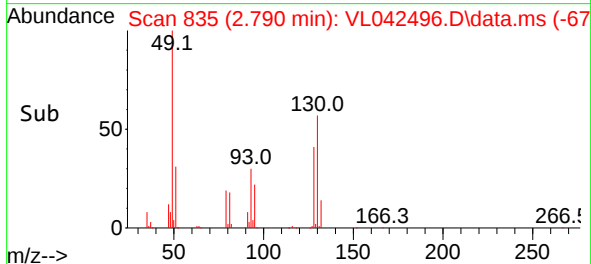
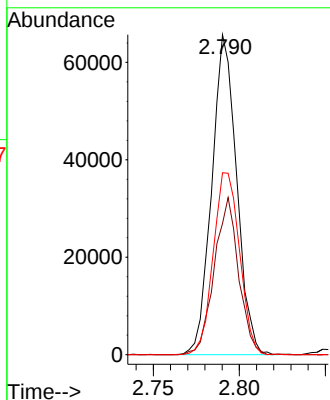
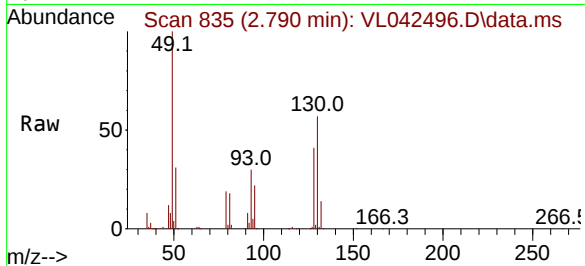




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL042496.D
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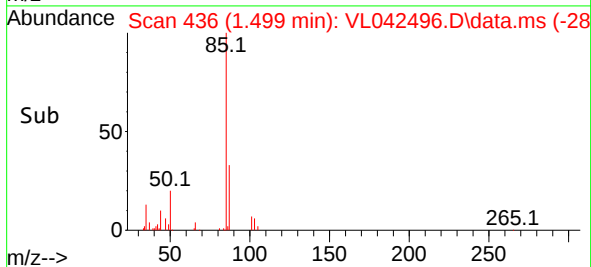
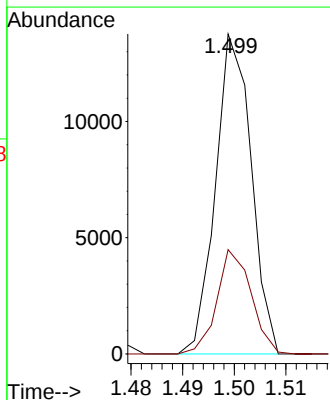
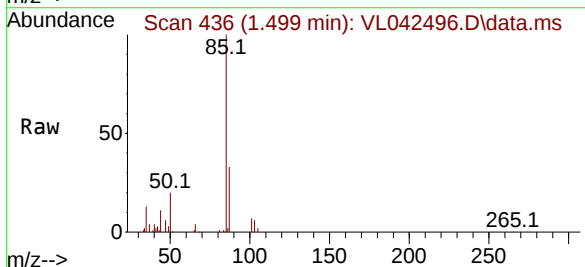
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

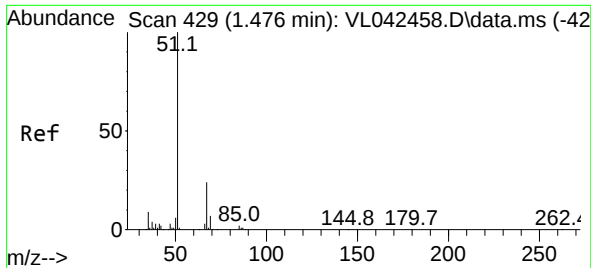
Tgt Ion: 49 Resp: 66102
Ion Ratio Lower Upper
49 100
128 48.1 23.3 69.9
130 60.1 29.5 88.6



#2
Dichlorodifluoromethane
Concen: 0.605 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion: 85 Resp: 6620
Ion Ratio Lower Upper
85 100
87 32.6 26.9 40.3

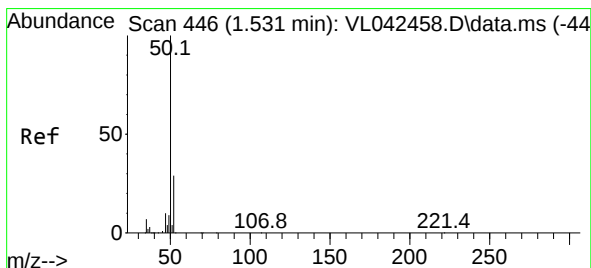
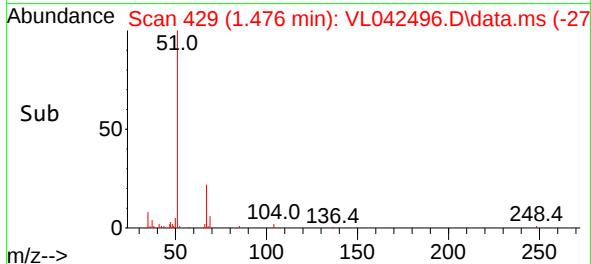
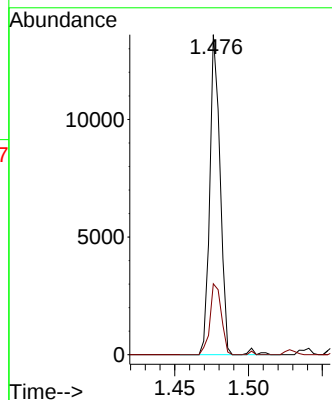
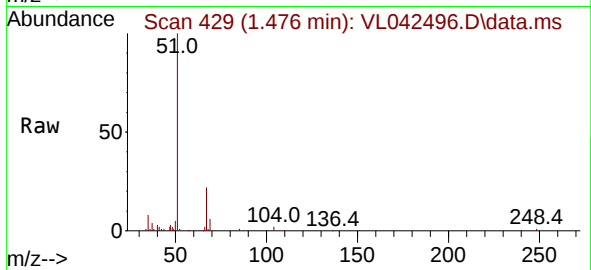




#3
Chlorodifluoromethane
Concen: 0.574 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

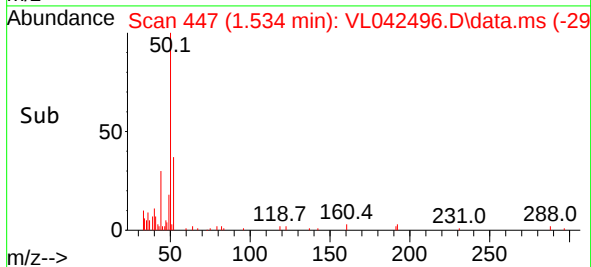
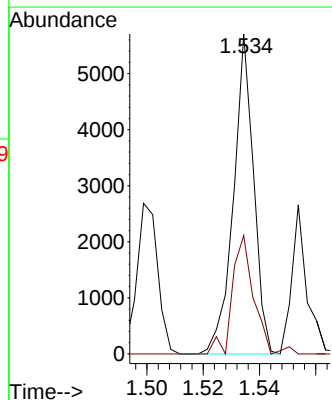
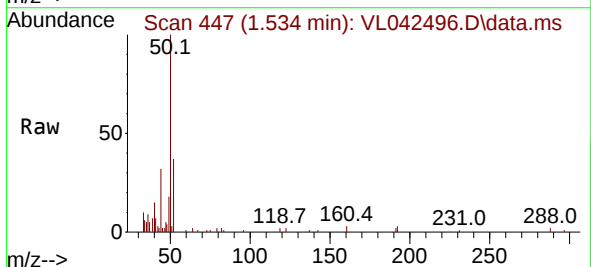
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

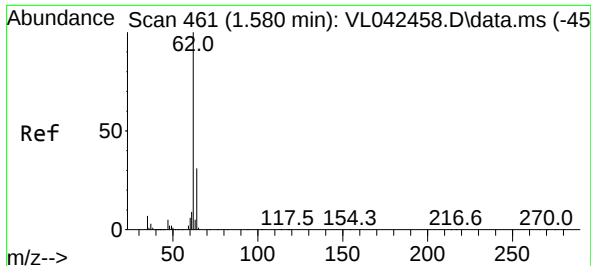
Tgt Ion: 51 Resp: 6638
Ion Ratio Lower Upper
51 100
67 24.6 18.4 27.6



#4
Chloromethane
Concen: 0.622 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion: 50 Resp: 2845
Ion Ratio Lower Upper
50 100
52 37.0 23.5 35.3#

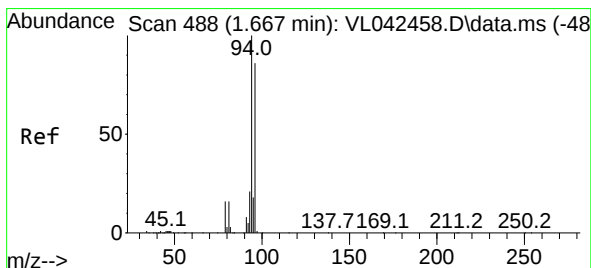
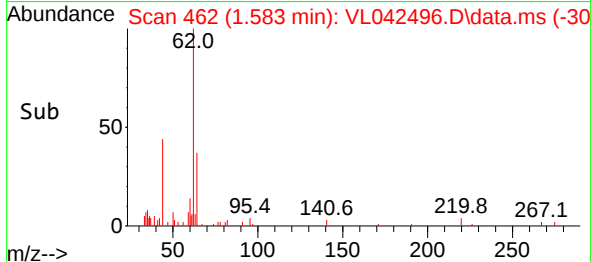
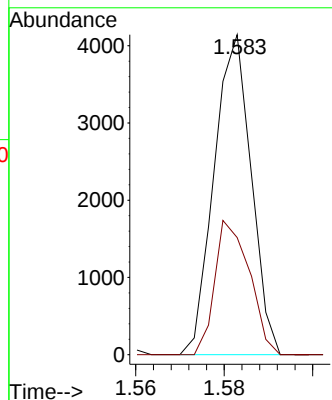
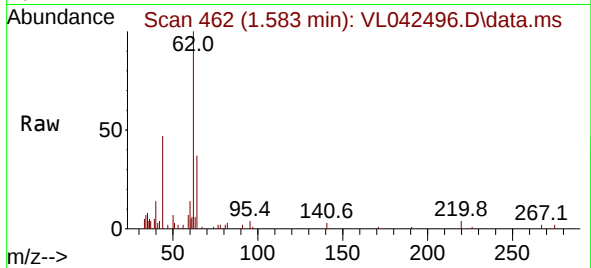




#5
 Vinyl Chloride
 Concen: 0.524 ppbv
 RT: 1.583 min Scan# 461
 Delta R.T. 0.003 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

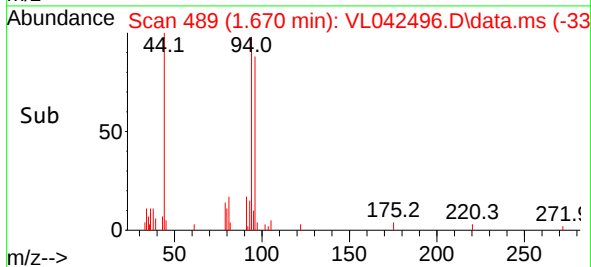
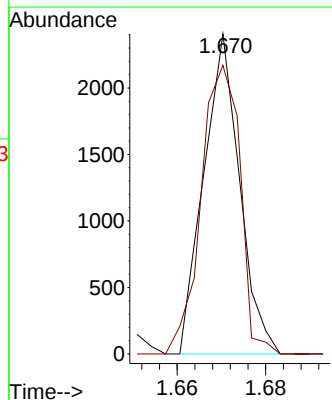
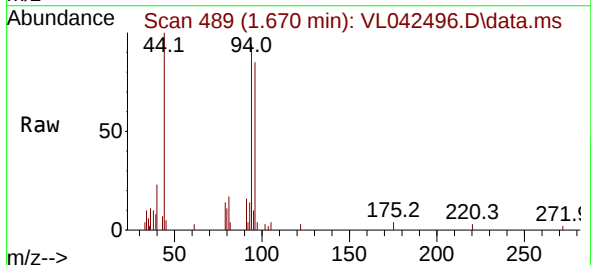
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL2 0.45

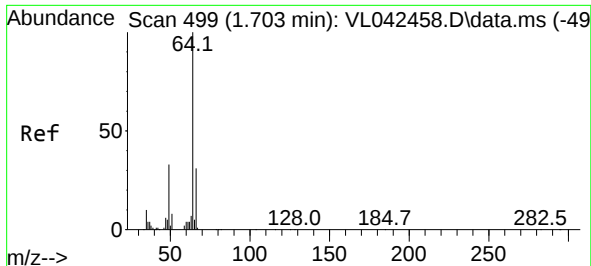
Tgt Ion: 62 Resp: 2412
 Ion Ratio Lower Upper
 62 100
 64 36.6 24.9 37.3



#6
 Bromomethane
 Concen: 0.623 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

Tgt Ion: 94 Resp: 1356
 Ion Ratio Lower Upper
 94 100
 96 90.2 68.8 103.2

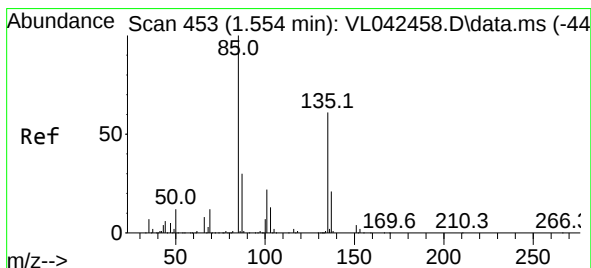
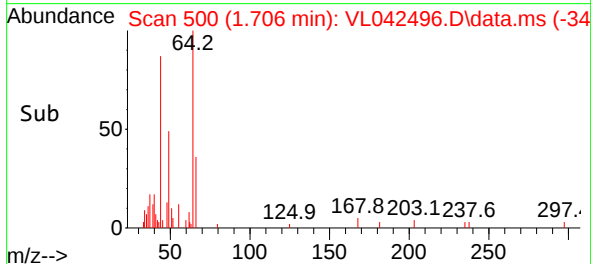
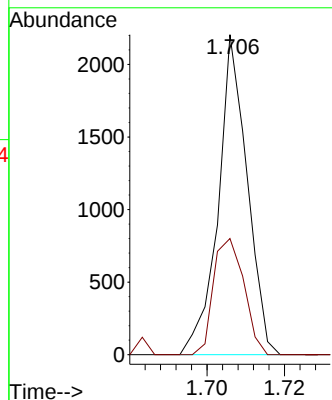
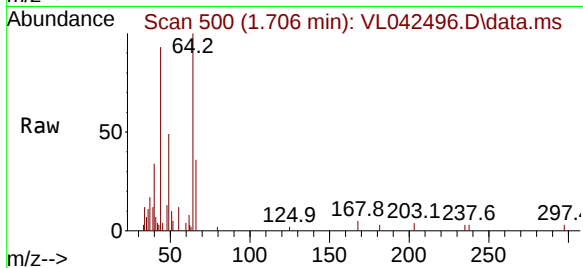




#7
Chloroethane
Concen: 0.673 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

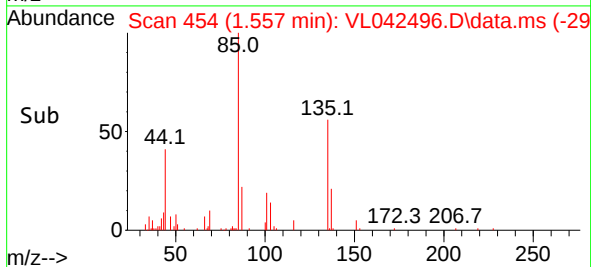
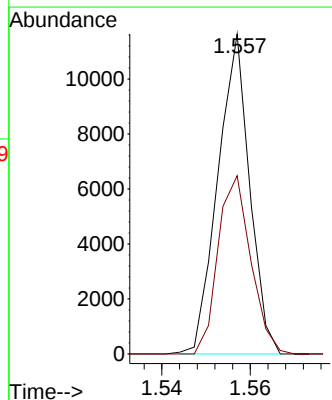
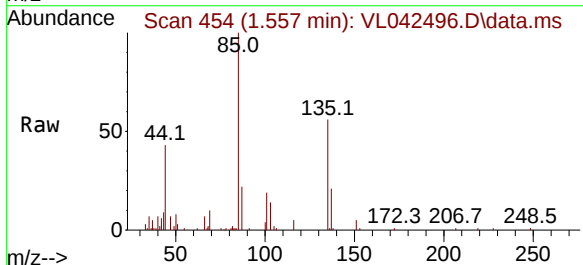
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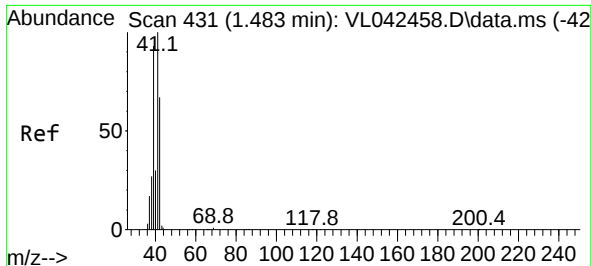
Tgt Ion: 64 Resp: 1144
Ion Ratio Lower Upper
64 100
66 36.3 25.0 37.4



#8
Dichlorotetrafluoroethane
Concen: 0.643 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion: 85 Resp: 5795
Ion Ratio Lower Upper
85 100
135 57.6 49.8 74.8





#9

Propene

Concen: 0.435 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

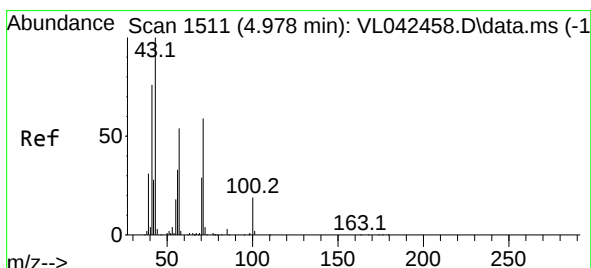
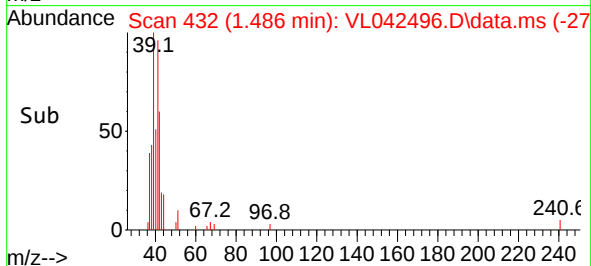
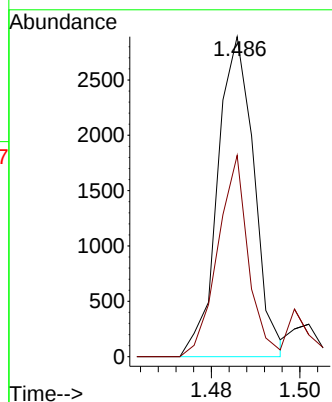
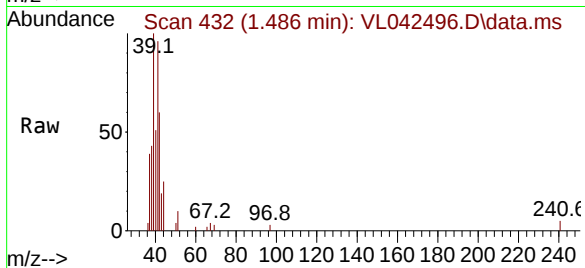
MDL2 0.45

Tgt Ion: 41 Resp: 1646

Ion Ratio Lower Upper

41 100

42 62.8 54.3 81.5



#10

Heptane

Concen: 0.153 ppbv

RT: 4.991 min Scan# 1515

Delta R.T. 0.013 min

Lab File: VL042496.D

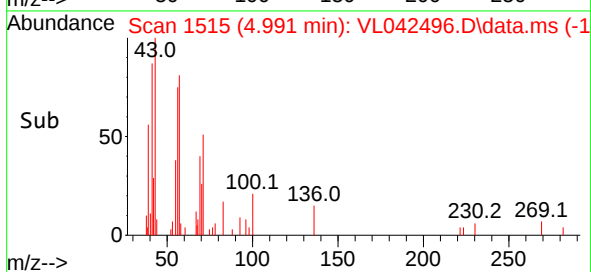
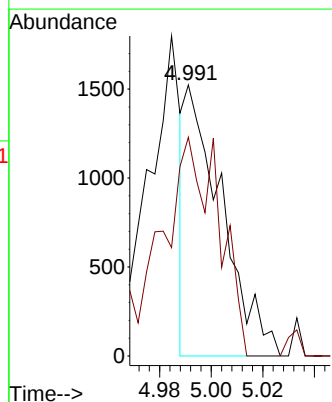
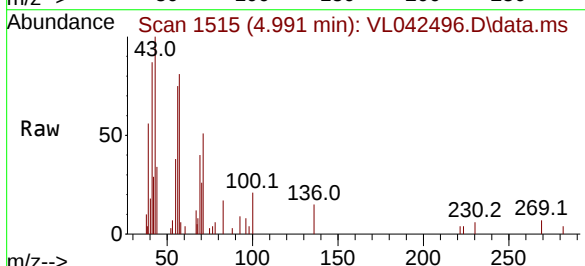
Acq: 06 May 2025 14:57

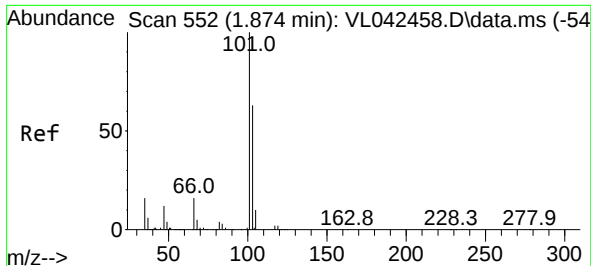
Tgt Ion: 43 Resp: 1497

Ion Ratio Lower Upper

43 100

57 140.6 41.8 62.8#

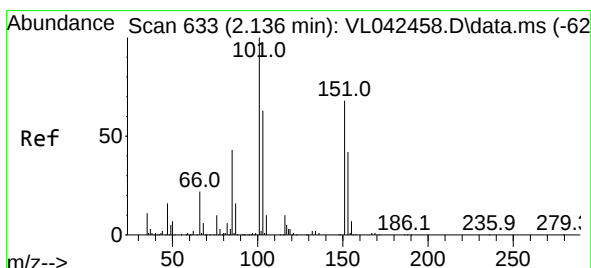
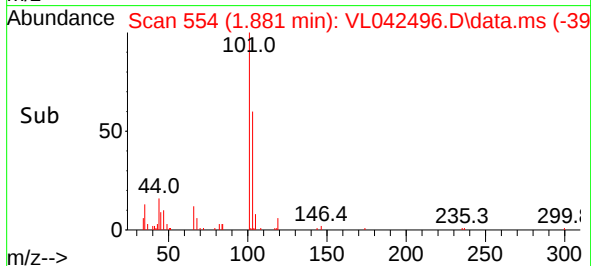
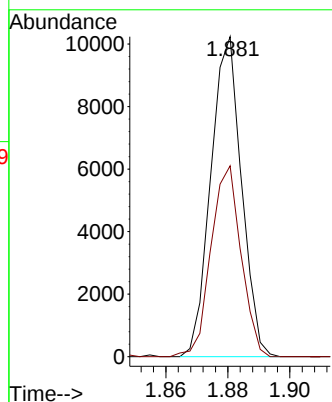
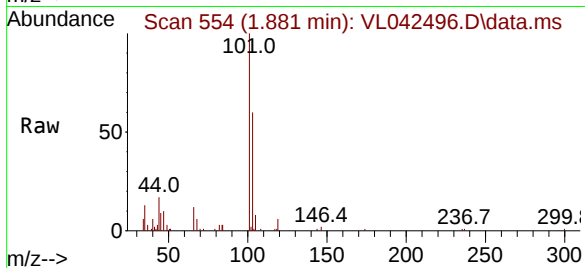




#11
 Trichlorofluoromethane
 Concen: 0.698 ppbv
 RT: 1.881 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

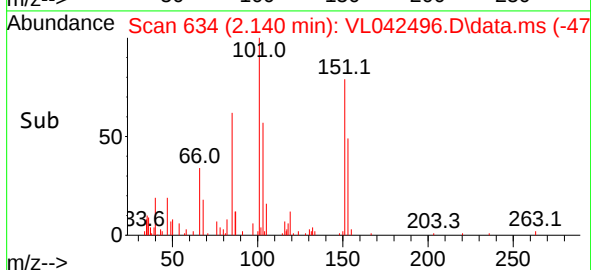
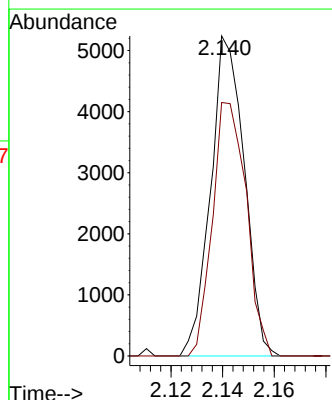
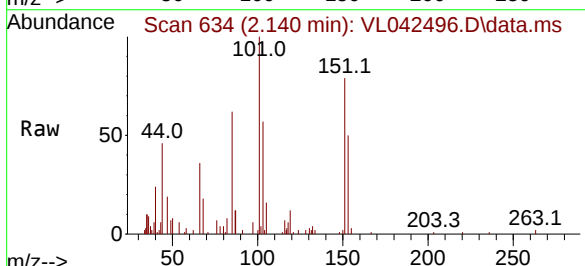
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.45

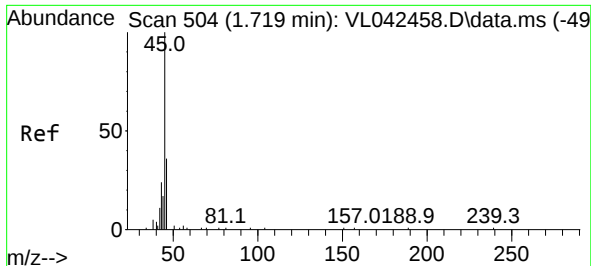
Tgt Ion:101 Resp: 7042
 Ion Ratio Lower Upper
 101 100
 103 59.7 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.588 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.003 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

Tgt Ion:101 Resp: 4738
 Ion Ratio Lower Upper
 101 100
 151 79.4 54.6 82.0

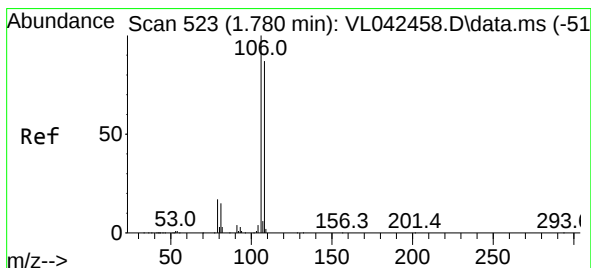
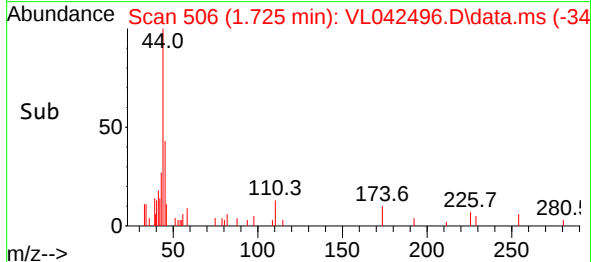
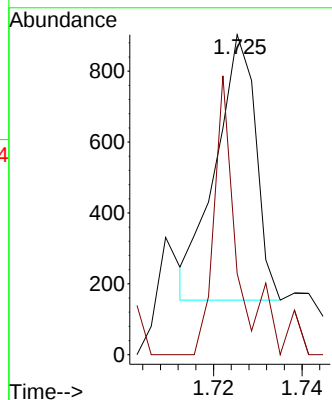
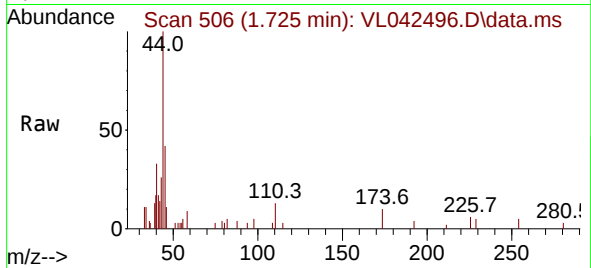




#13
 Ethanol
 Concen: 0.614 ppbv
 RT: 1.725 min Scan# 504
 Delta R.T. 0.007 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

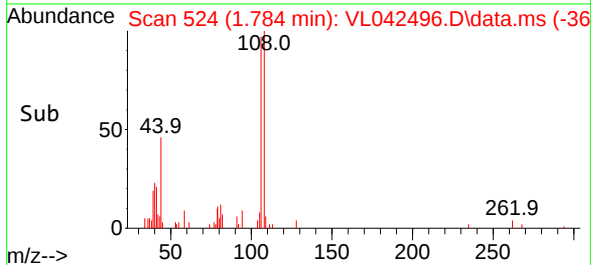
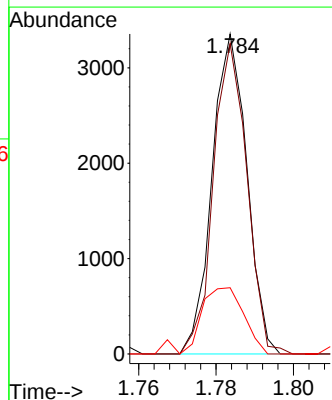
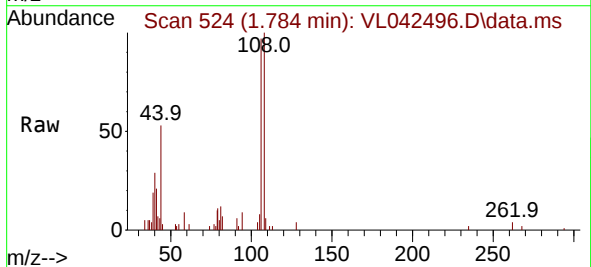
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.45

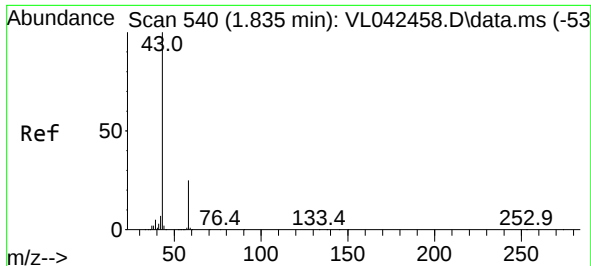
Tgt Ion: 45 Resp: 471
 Ion Ratio Lower Upper
 45 100
 46 65.0 15.3 61.1#



#14
 Bromoethene
 Concen: 0.702 ppbv
 RT: 1.784 min Scan# 524
 Delta R.T. 0.003 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

Tgt Ion: 108 Resp: 2090
 Ion Ratio Lower Upper
 108 100
 106 93.6 88.8 133.2
 79 26.2 17.1 25.7#





#15

Acetone

Concen: 0.738 ppbv

RT: 1.839 min Scan# 540

Delta R.T. 0.003 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

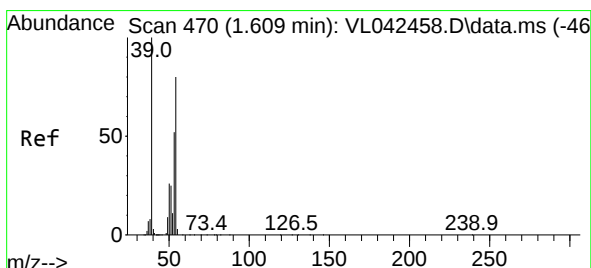
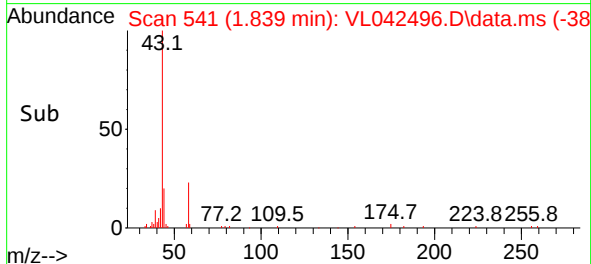
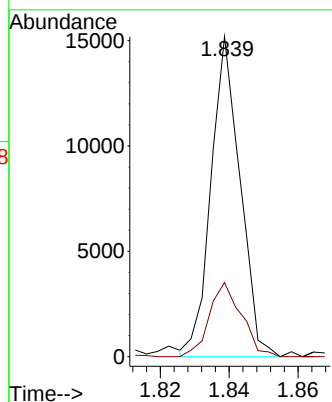
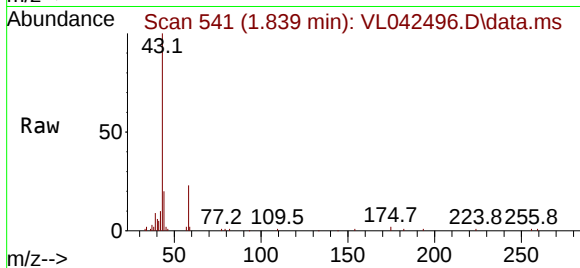
MDL2 0.45

Tgt Ion: 43 Resp: 8903

Ion Ratio Lower Upper

43 100

58 25.9 19.8 29.8



#16

1,3-Butadiene

Concen: 0.670 ppbv

RT: 1.612 min Scan# 471

Delta R.T. 0.003 min

Lab File: VL042496.D

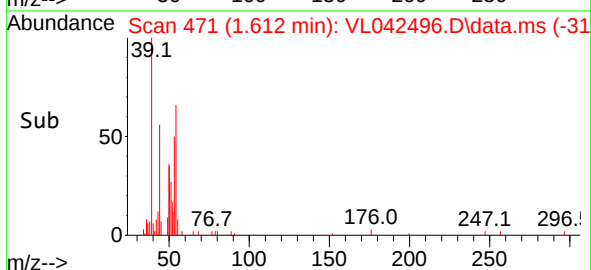
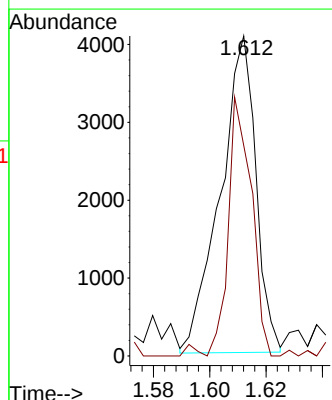
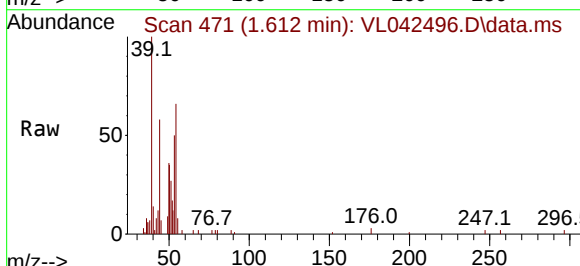
Acq: 06 May 2025 14:57

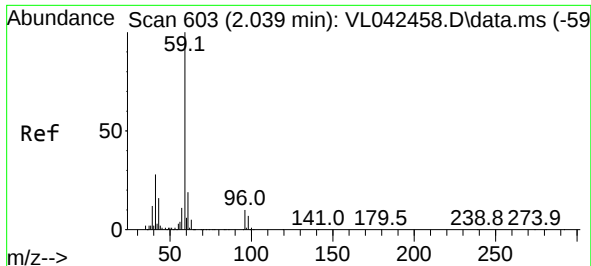
Tgt Ion: 39 Resp: 3568

Ion Ratio Lower Upper

39 100

54 56.3 55.2 82.8





#17

tert-Butyl alcohol

Concen: 0.576 ppbv

RT: 2.043 min Scan# 603

Delta R.T. 0.003 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

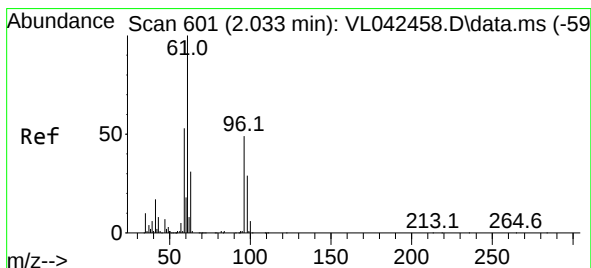
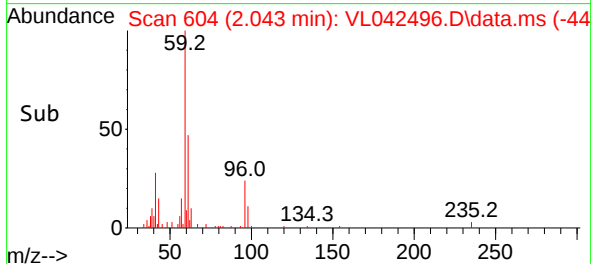
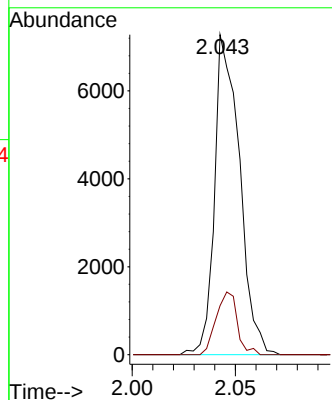
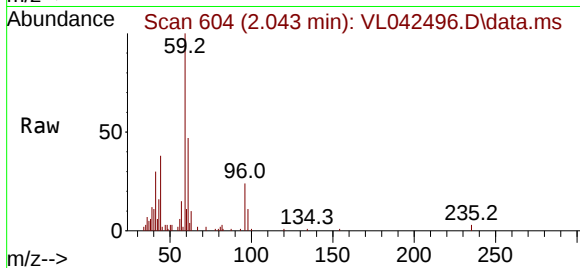
MDL2 0.45

Tgt Ion: 59 Resp: 6121

Ion Ratio Lower Upper

59 100

57 16.6 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 0.385 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

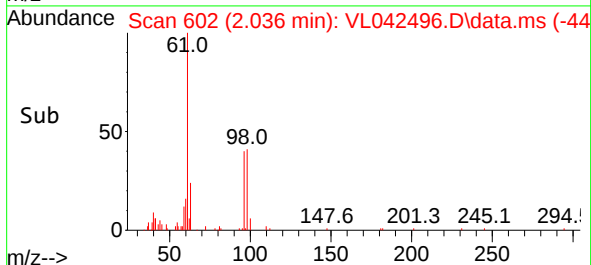
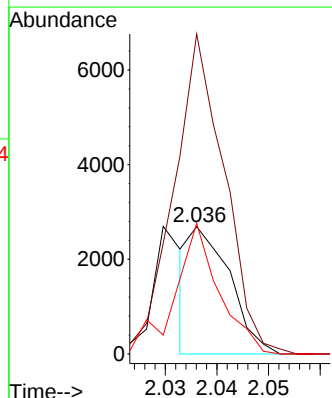
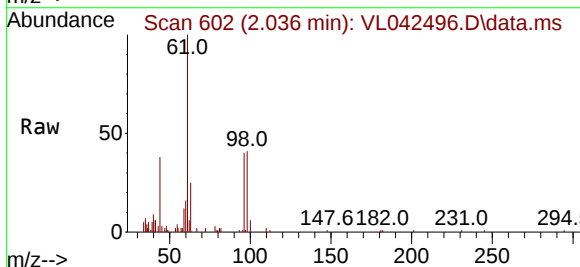
Tgt Ion: 96 Resp: 1448

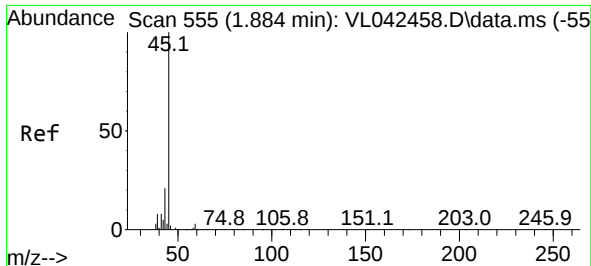
Ion Ratio Lower Upper

96 100

61 247.3 164.9 247.3#

98 102.6 48.2 72.2#

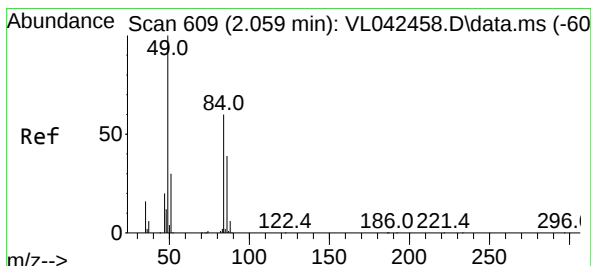
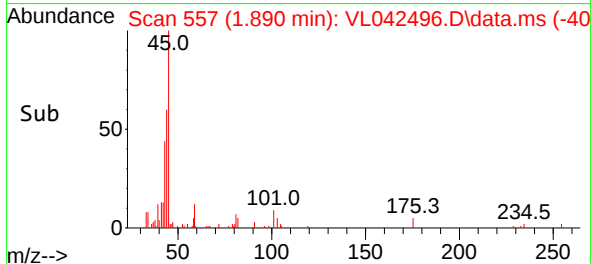
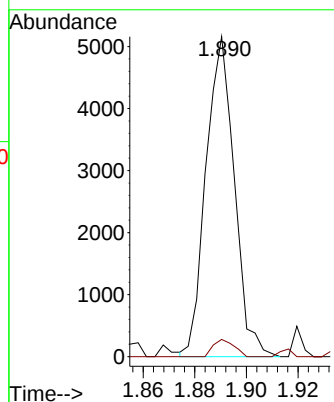
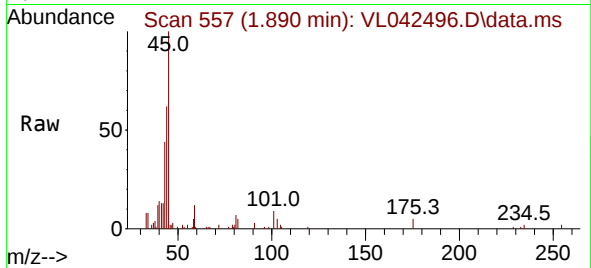




#19
Isopropyl Alcohol
Concen: 0.590 ppbv
RT: 1.890 min Scan# 51
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

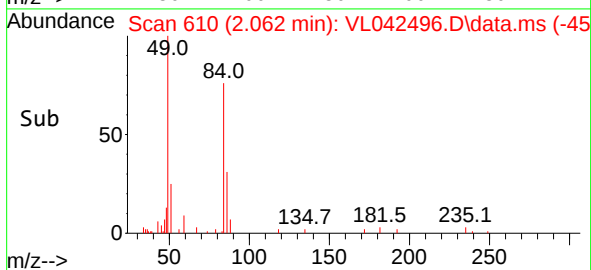
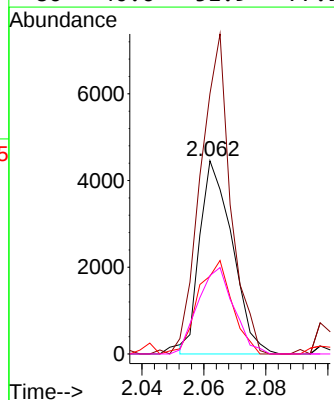
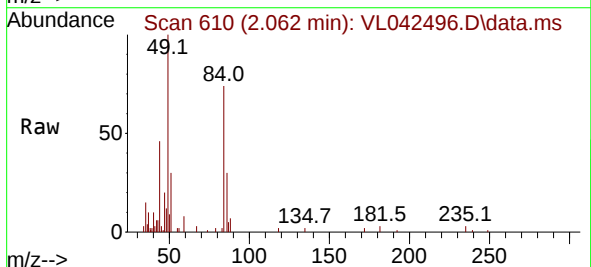
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

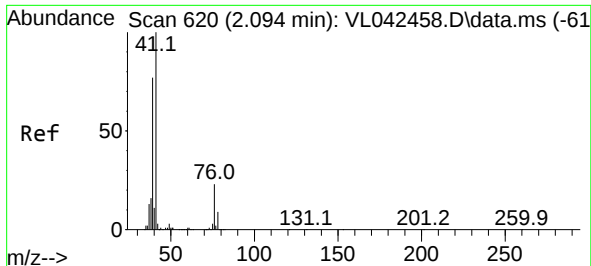
Tgt Ion: 45 Resp: 3938
Ion Ratio Lower Upper
45 100
58 4.0 1.6 2.4#



#20
Methylene Chloride
Concen: 0.895 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion: 84 Resp: 3246
Ion Ratio Lower Upper
84 100
49 134.7 133.9 200.9
51 40.2 41.0 61.6#
86 40.6 51.9 77.9#

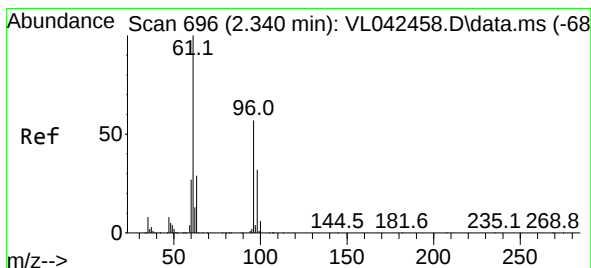
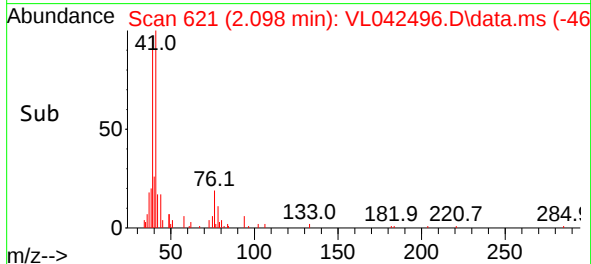
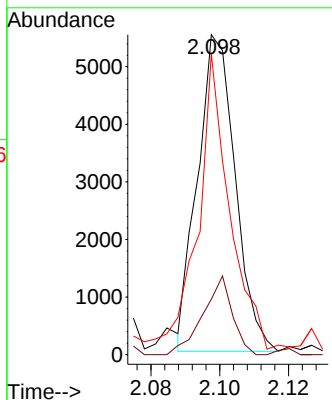
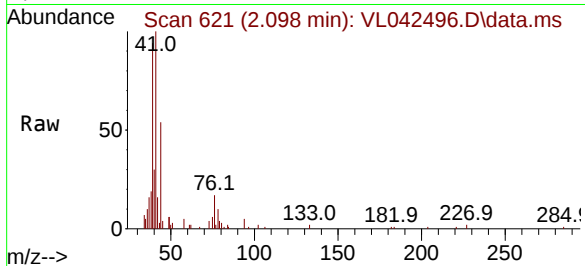




#21
 Allyl Chloride
 Concen: 0.539 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

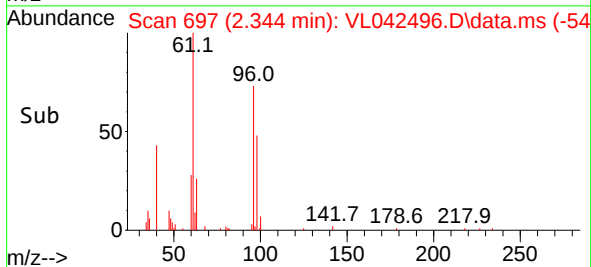
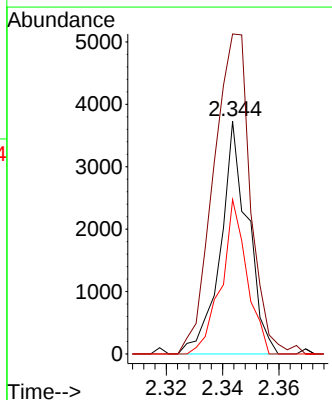
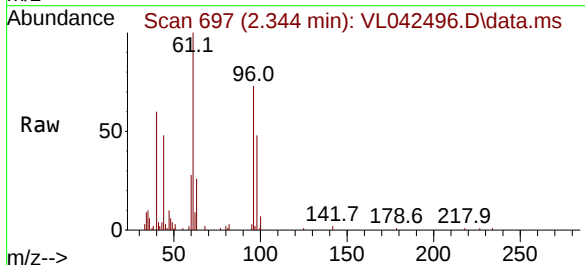
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.45

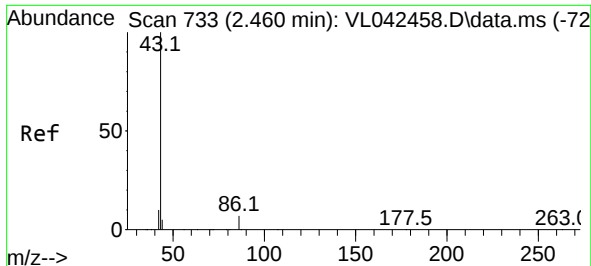
Tgt Ion: 41 Resp: 4182
 Ion Ratio Lower Upper
 41 100
 76 22.4 19.6 29.4
 39 91.3 61.0 91.4



#22
 trans-1,2-Dichloroethene
 Concen: 0.569 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.003 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

Tgt Ion: 96 Resp: 2503
 Ion Ratio Lower Upper
 96 100
 61 137.5 141.8 212.6#
 98 66.4 45.0 67.6

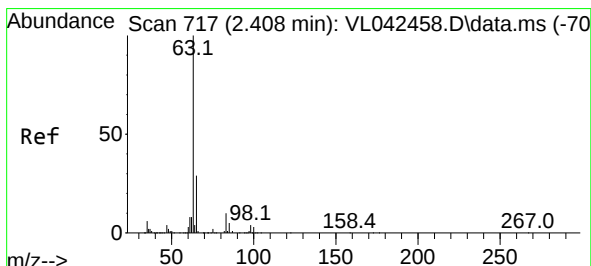
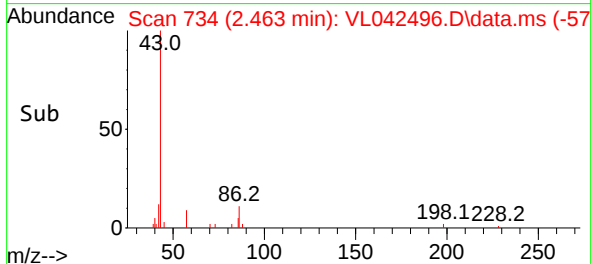
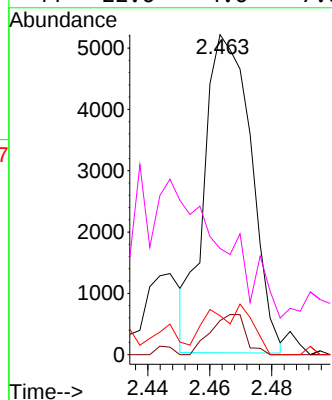
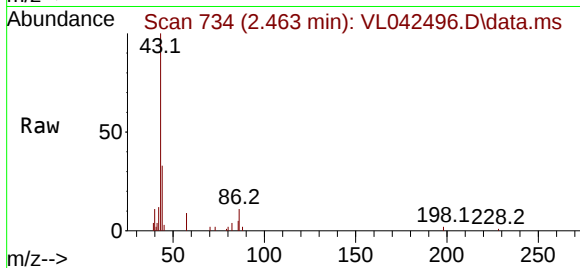




#23
 Vinyl Acetate
 Concen: 0.472 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

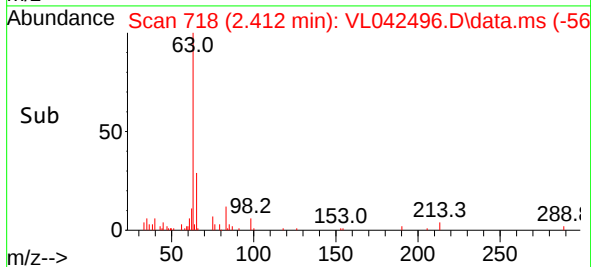
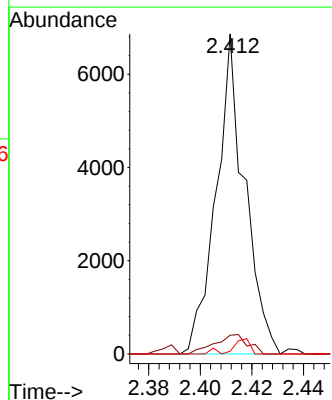
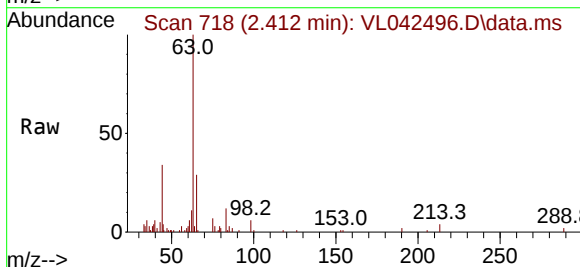
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.45

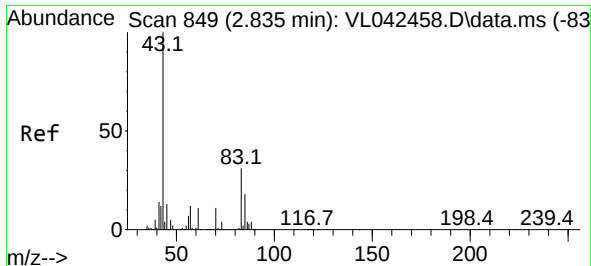
Tgt Ion:	43	Resp:	5435
Ion	Ratio	Lower	Upper
43	100		
86	11.0	5.5	8.3#
42	12.7	8.3	12.5#
44	22.6	4.6	7.0#



#24
 1,1-Dichloroethane
 Concen: 0.587 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

Tgt Ion:	63	Resp:	5265
Ion	Ratio	Lower	Upper
63	100		
98	5.9	1.8	5.5#
100	0.8	1.4	4.2#





#25

Ethyl Acetate

Concen: 0.451 ppbv

RT: 2.845 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.45

Tgt Ion: 43 Resp: 8708

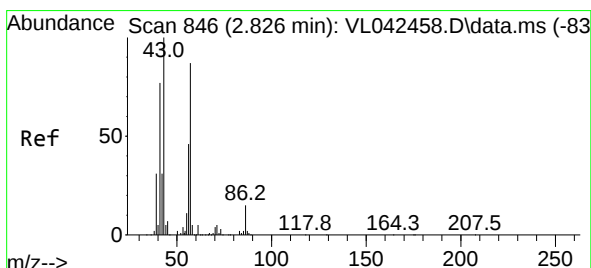
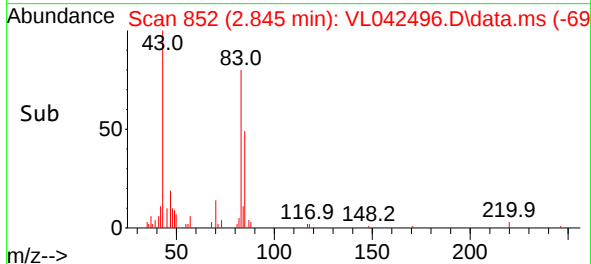
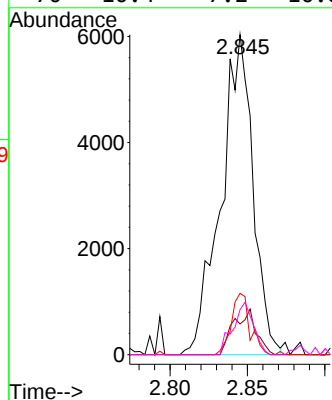
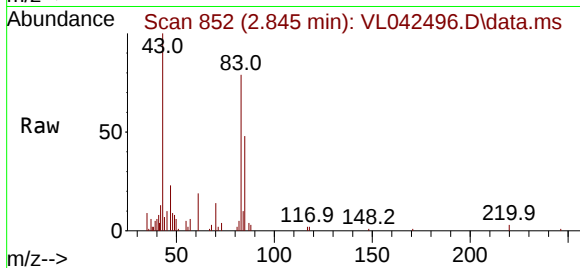
Ion Ratio Lower Upper

43 100

45 10.0 7.8 11.6

61 11.2 7.2 10.8#

70 10.4 7.2 10.8



#26

Hexane

Concen: 0.371 ppbv

RT: 2.829 min Scan# 847

Delta R.T. 0.003 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Tgt Ion: 57 Resp: 3125

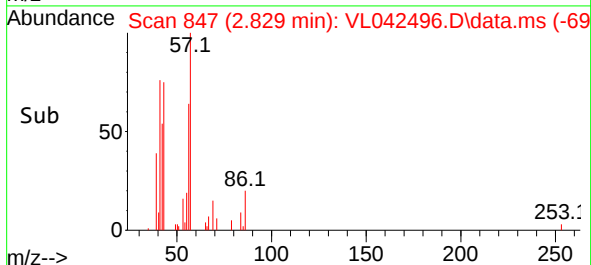
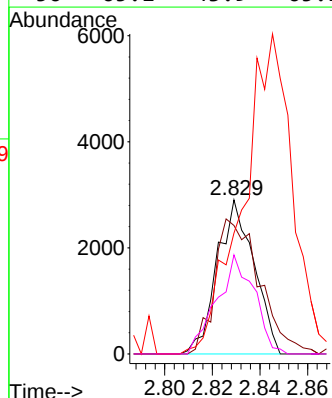
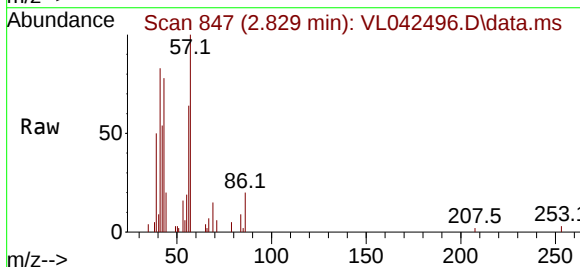
Ion Ratio Lower Upper

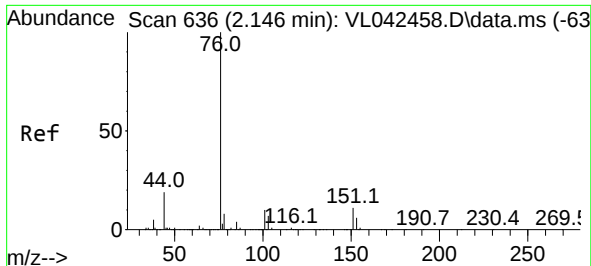
57 100

41 107.6 77.8 116.8

43 284.5 187.0 280.6#

56 65.1 43.9 65.9





#27

Carbon Disulfide

Concen: 0.604 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.007 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.45

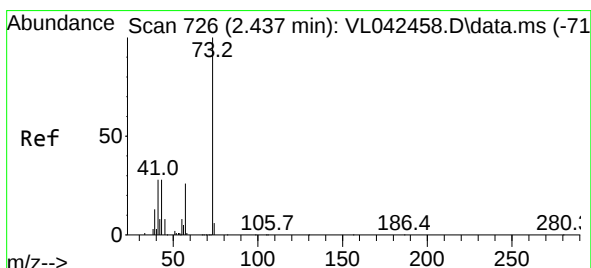
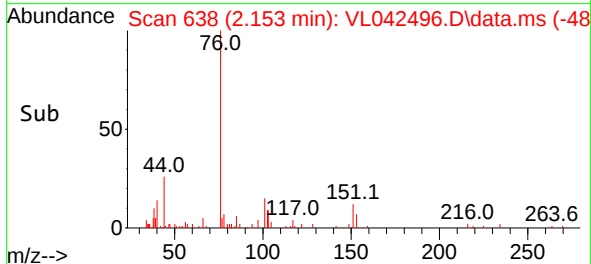
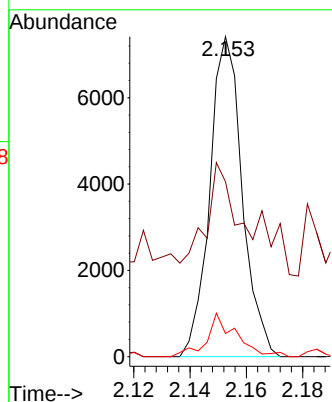
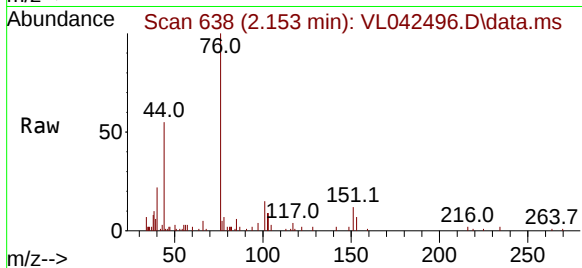
Tgt Ion: 76 Resp: 5933

Ion Ratio Lower Upper

76 100

44 74.4 21.0 31.6#

78 12.3 8.6 13.0



#28

Methyl tert-Butyl Ether

Concen: 0.554 ppbv

RT: 2.444 min Scan# 728

Delta R.T. 0.007 min

Lab File: VL042496.D

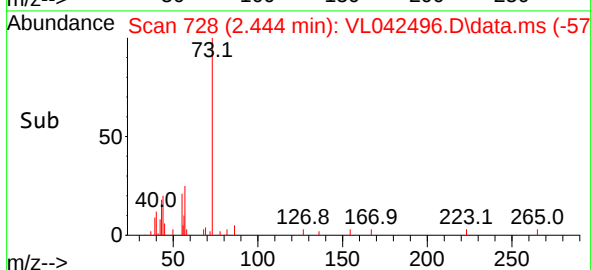
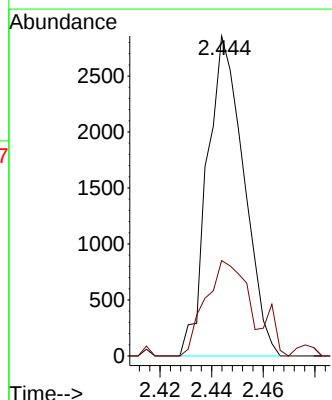
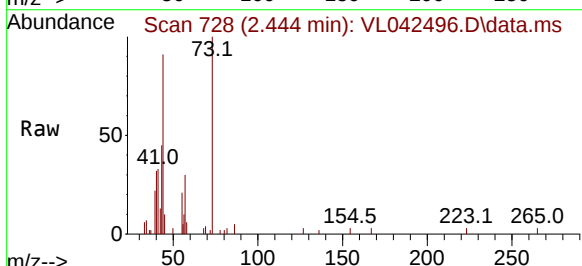
Acq: 06 May 2025 14:57

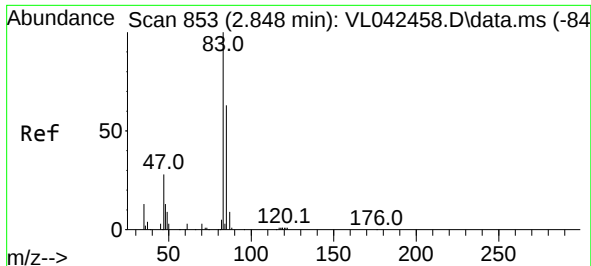
Tgt Ion: 73 Resp: 2804

Ion Ratio Lower Upper

73 100

57 40.2 19.9 29.9#





#29

Chloroform

Concen: 0.605 ppbv

RT: 2.855 min Scan# 8

Delta R.T. 0.007 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

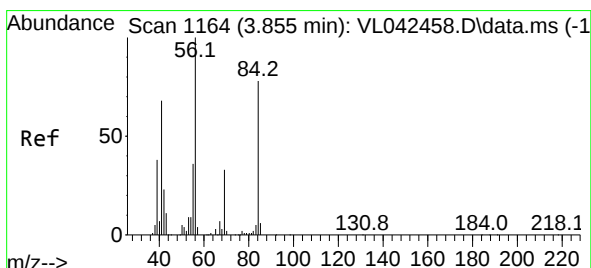
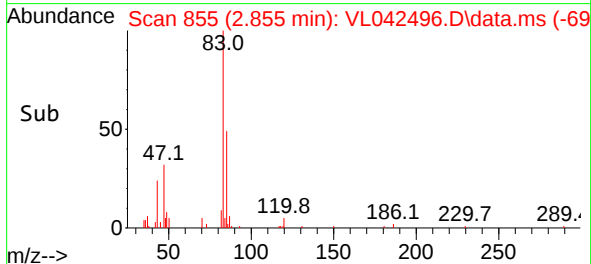
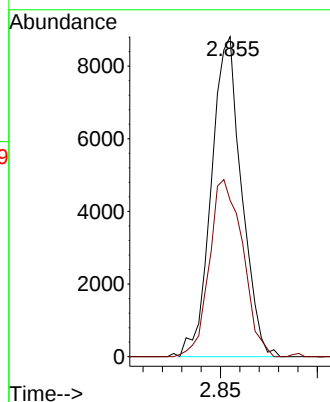
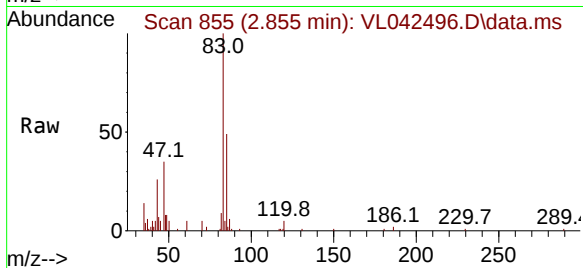
MDL2 0.45

Tgt Ion: 83 Resp: 9549

Ion Ratio Lower Upper

83 100

85 48.8 50.4 75.6#



#30

Cyclohexane

Concen: 0.099 ppbv

RT: 3.862 min Scan# 1166

Delta R.T. 0.007 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

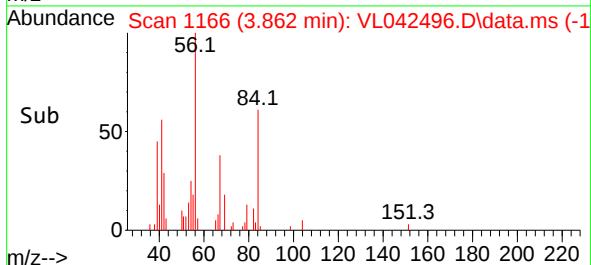
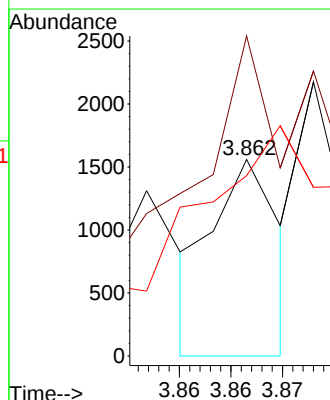
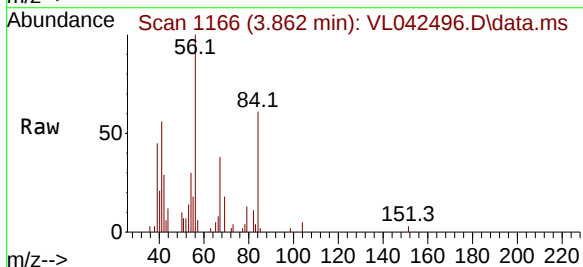
Tgt Ion: 84 Resp: 696

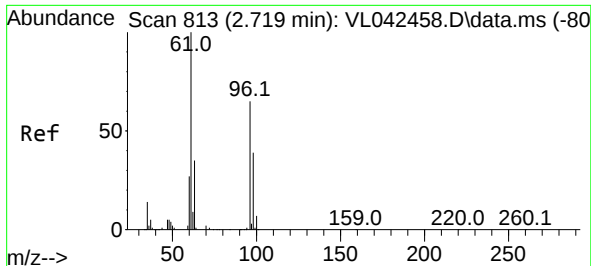
Ion Ratio Lower Upper

84 100

56 470.0 98.1 147.1#

41 0.0 65.8 98.8#

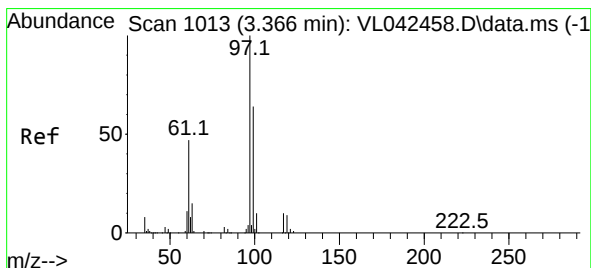
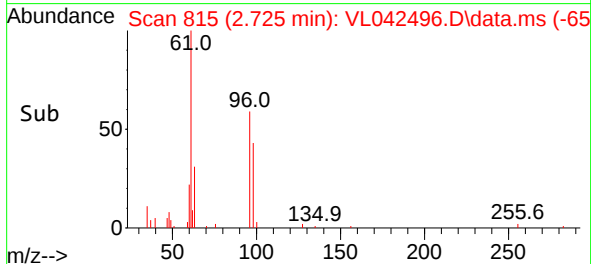
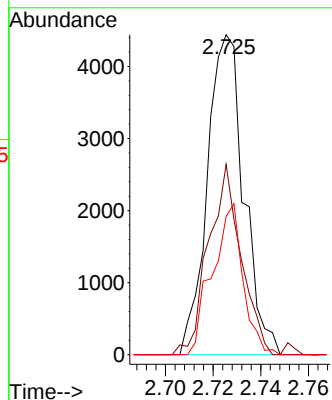
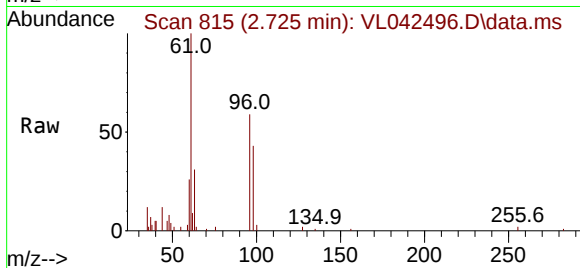




#31
 cis-1,2-Dichloroethene
 Concen: 0.482 ppbv
 RT: 2.725 min Scan# 813
 Delta R.T. 0.007 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

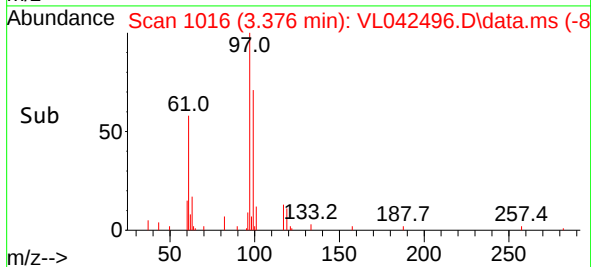
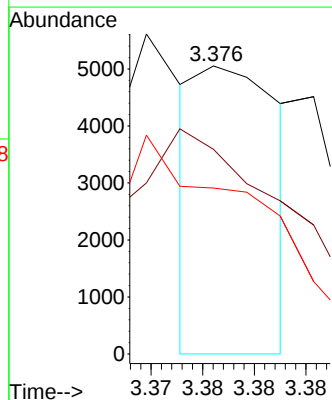
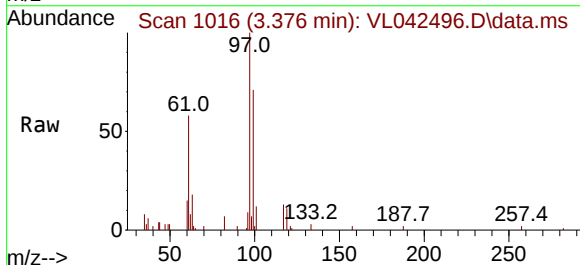
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.45

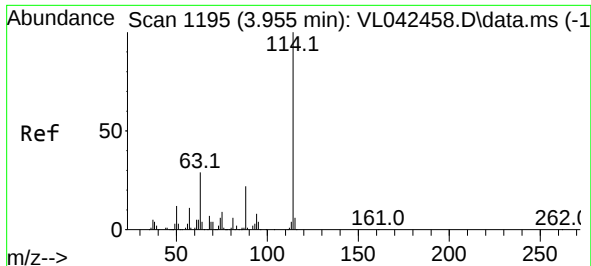
Tgt Ion: 61 Resp: 4733
 Ion Ratio Lower Upper
 61 100
 96 59.5 52.0 78.0
 98 43.2 31.0 46.6



#32
 1,1,1-Trichloroethane
 Concen: 0.162 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.010 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

Tgt Ion: 97 Resp: 2779
 Ion Ratio Lower Upper
 97 100
 99 0.0 50.7 76.1#
 61 0.0 40.9 61.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. 0.013 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.45

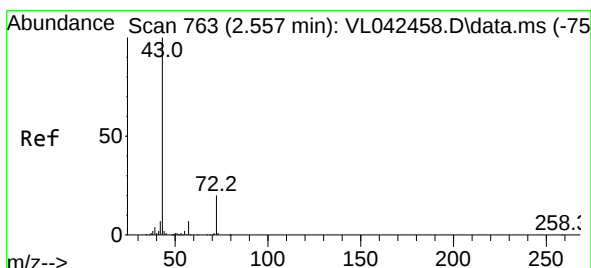
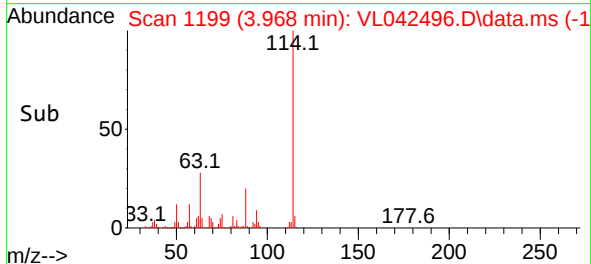
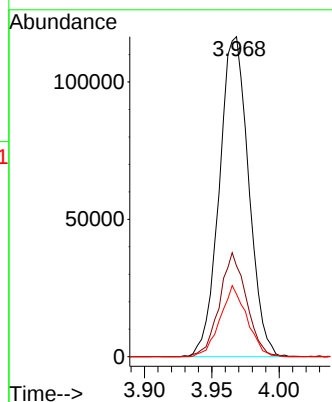
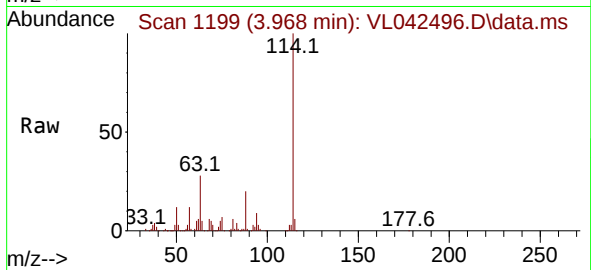
Tgt Ion:114 Resp: 176315

Ion Ratio Lower Upper

114 100

63 29.9 23.1 34.7

88 20.3 16.1 24.1



#34

2-Butanone

Concen: 0.450 ppbv

RT: 2.570 min Scan# 767

Delta R.T. 0.013 min

Lab File: VL042496.D

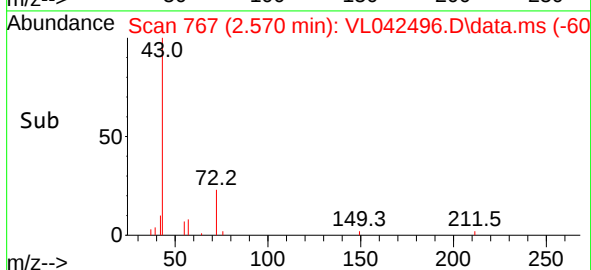
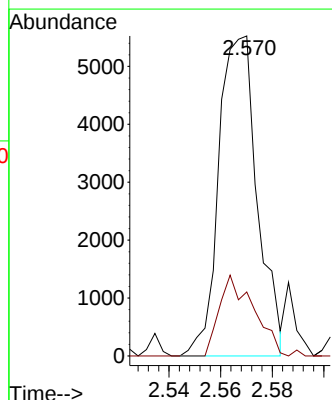
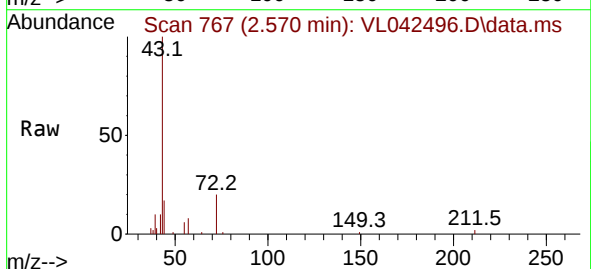
Acq: 06 May 2025 14:57

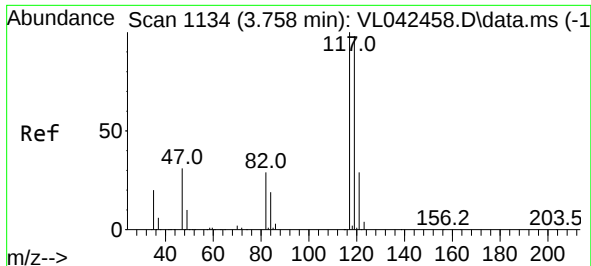
Tgt Ion: 43 Resp: 5739

Ion Ratio Lower Upper

43 100

72 22.9 16.7 25.1

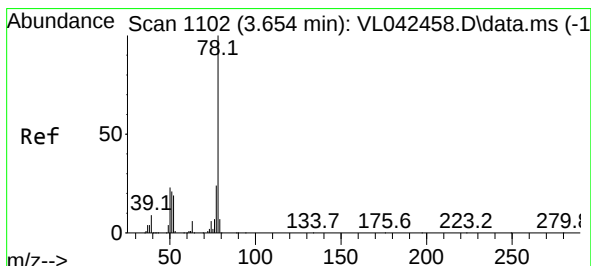
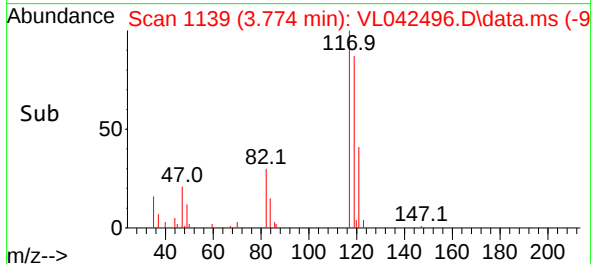
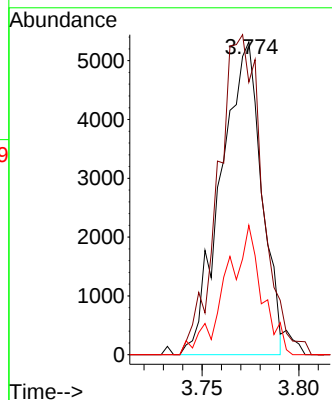
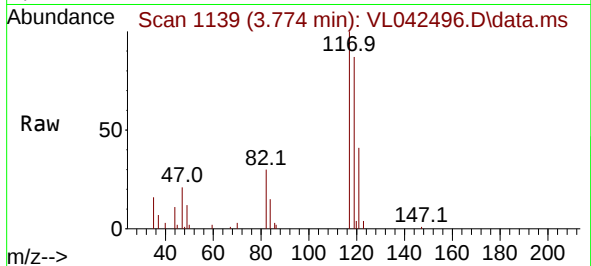




#35
Carbon Tetrachloride
Concen: 0.482 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. 0.016 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

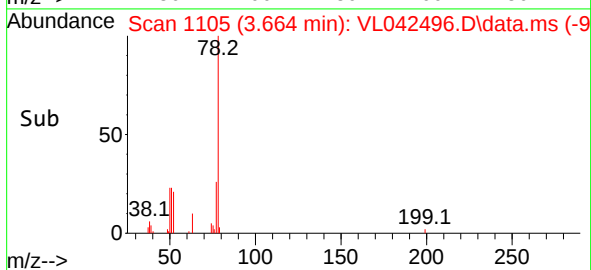
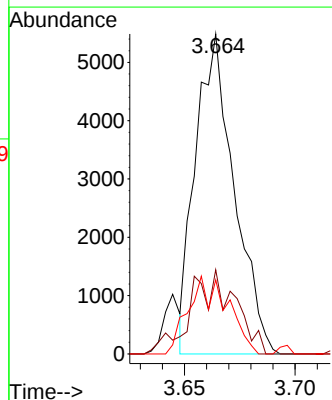
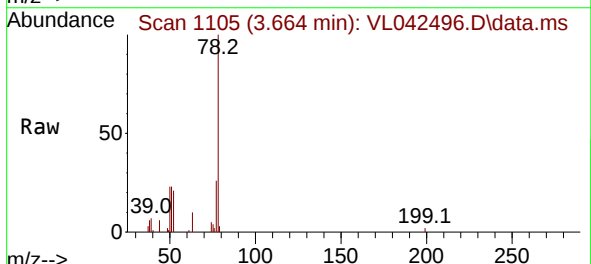
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

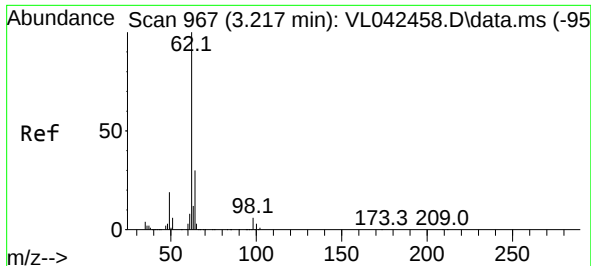
Tgt Ion:117 Resp: 7720
Ion Ratio Lower Upper
117 100
119 87.1 78.1 117.1
121 41.3 23.0 34.6#



#36
Benzene
Concen: 0.402 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.010 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion: 78 Resp: 6693
Ion Ratio Lower Upper
78 100
77 26.3 18.9 28.3
50 21.0 18.4 27.6

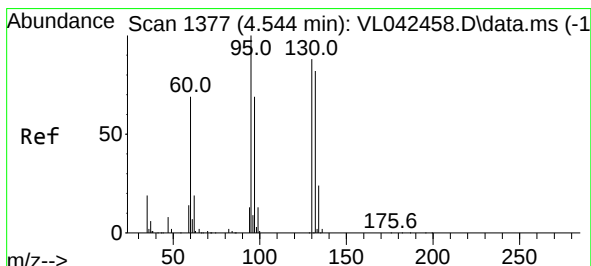
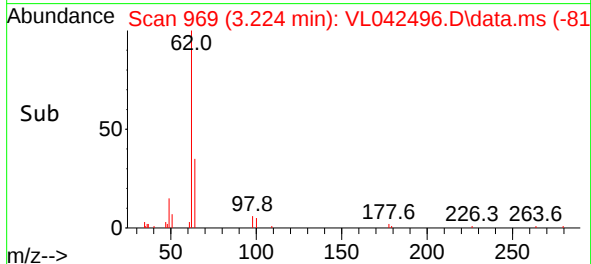
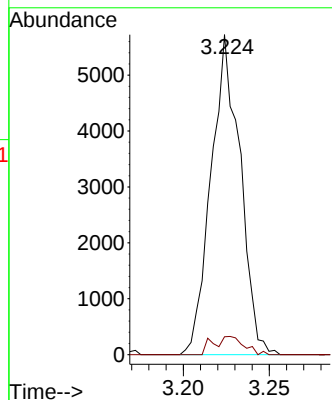
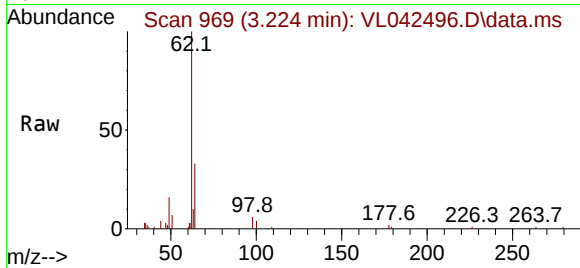




#37
1,2-Dichloroethane
Concen: 0.525 ppbv
RT: 3.224 min Scan# 90
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

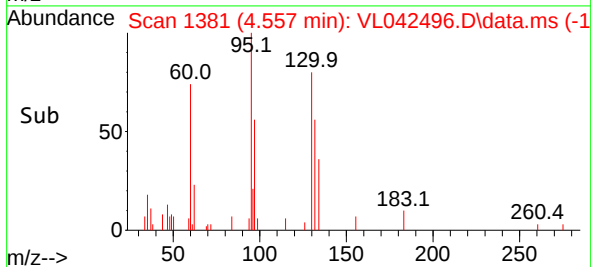
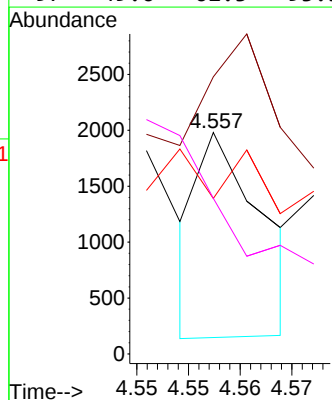
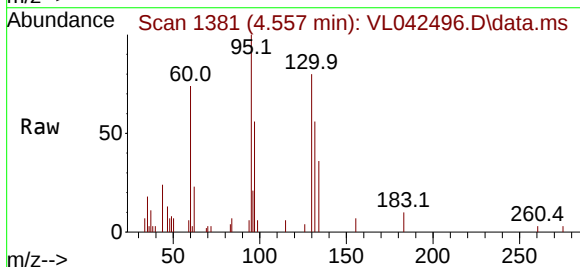
Instrument :
MSVOA_1
ClientSampleId :
MDL2 0.45

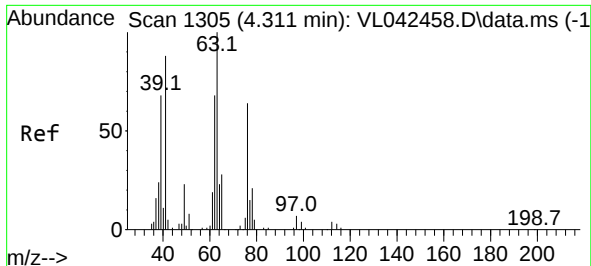
Tgt Ion: 62 Resp: 6738
Ion Ratio Lower Upper
62 100
98 6.0 4.3 6.5



#38
Trichloroethene
Concen: 0.123 ppbv
RT: 4.557 min Scan# 1381
Delta R.T. 0.013 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion: 130 Resp: 781
Ion Ratio Lower Upper
130 100
95 72.2 91.0 136.4#
132 16.0 74.2 111.4#
97 49.6 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 0.268 ppbv

RT: 4.318 min Scan# 1305

Delta R.T. 0.007 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.45

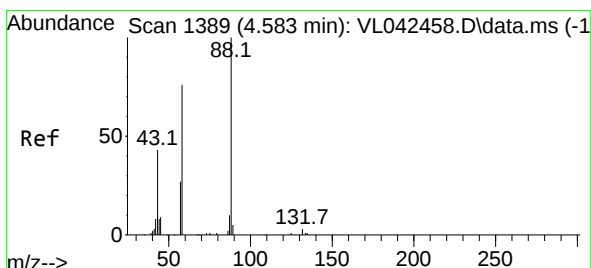
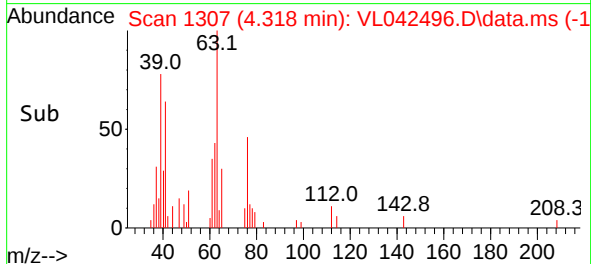
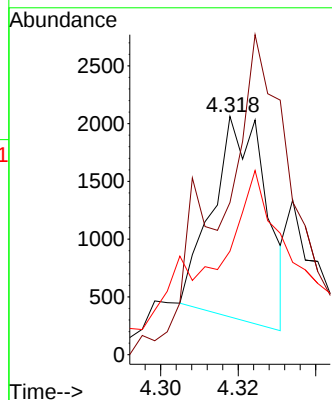
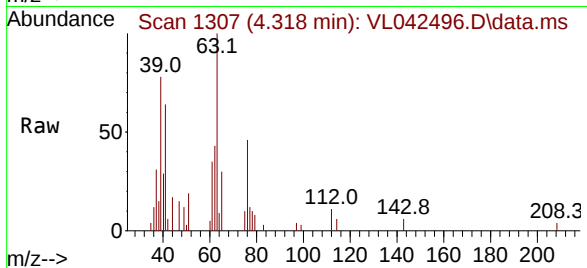
Tgt Ion: 63 Resp: 1672

Ion Ratio Lower Upper

63 100

41 53.7 69.8 104.6#

62 2.7 54.3 81.5#



#40

1,4-Dioxane

Concen: 0.218 ppbv

RT: 4.616 min Scan# 1399

Delta R.T. 0.032 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Tgt Ion: 88 Resp: 636

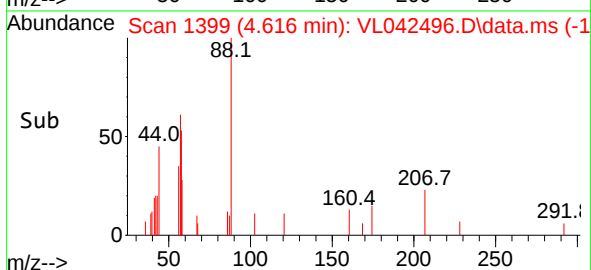
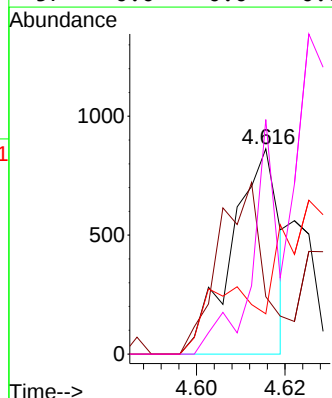
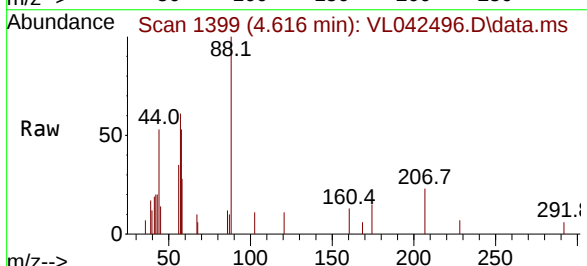
Ion Ratio Lower Upper

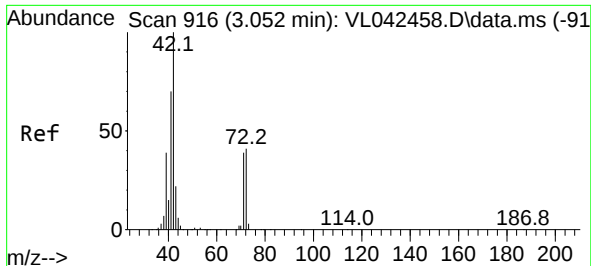
88 100

58 86.0 0.0 0.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

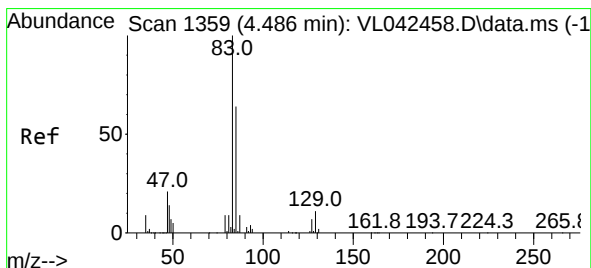
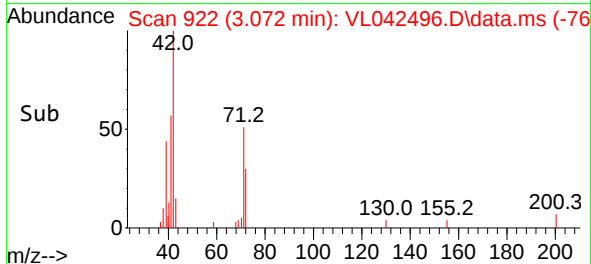
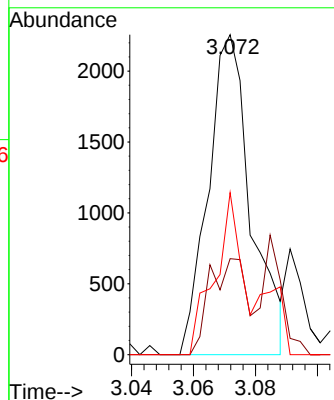
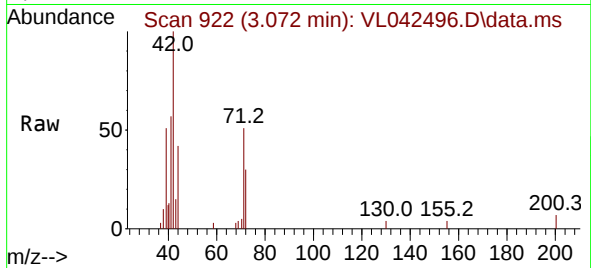




#41
Tetrahydrofuran
Concen: 0.356 ppbv
RT: 3.072 min Scan# 916
Delta R.T. 0.019 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

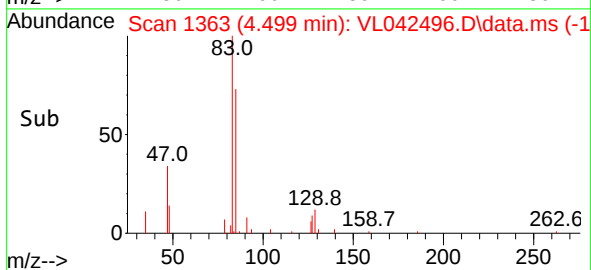
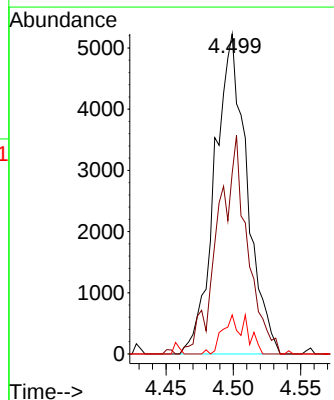
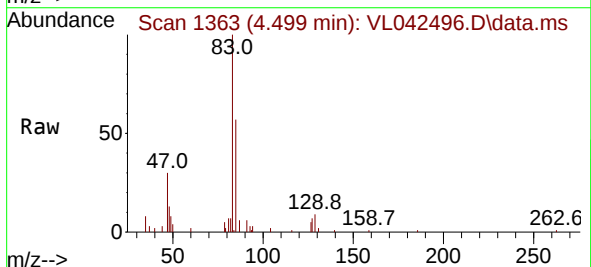
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

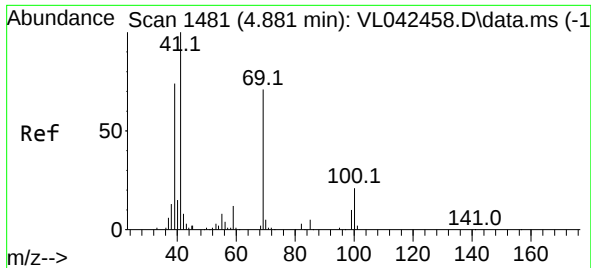
Tgt Ion: 42 Resp: 2159
Ion Ratio Lower Upper
42 100
72 0.0 33.5 50.3#
71 44.0 32.6 49.0



#42
Bromodichloromethane
Concen: 0.555 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. 0.013 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion: 83 Resp: 8700
Ion Ratio Lower Upper
83 100
85 56.5 51.5 77.3
127 12.2 5.4 8.2#

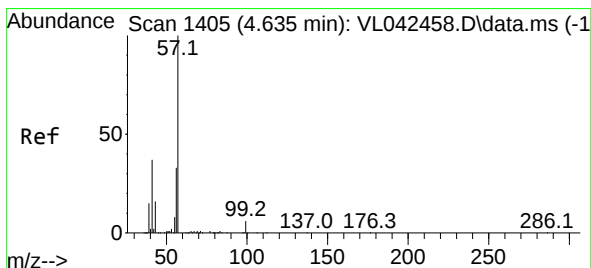
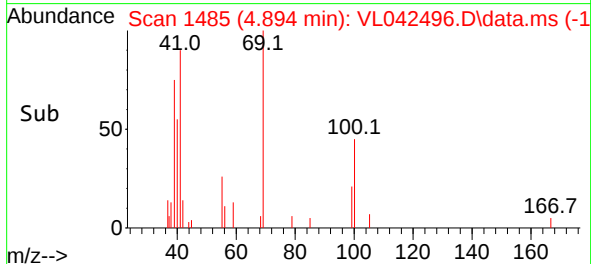
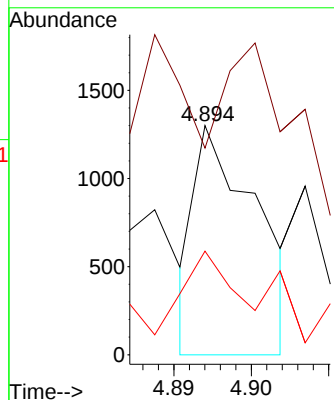
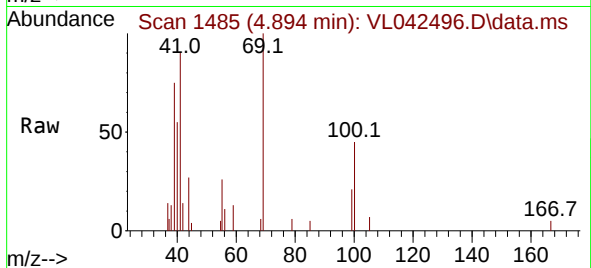




#43
Methyl Methacrylate
Concen: 0.117 ppbv
RT: 4.894 min Scan# 1411
Delta R.T. 0.013 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

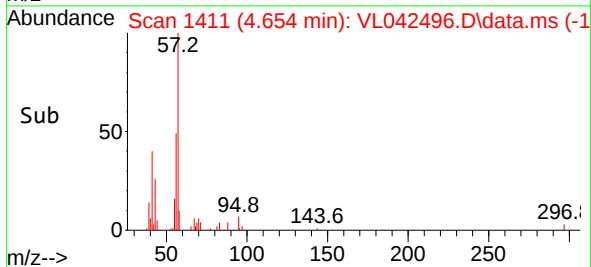
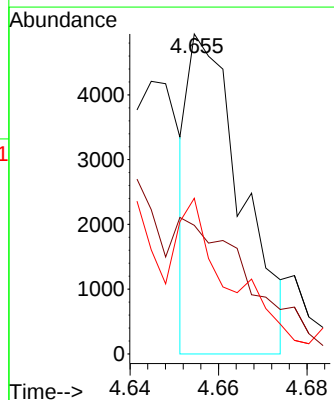
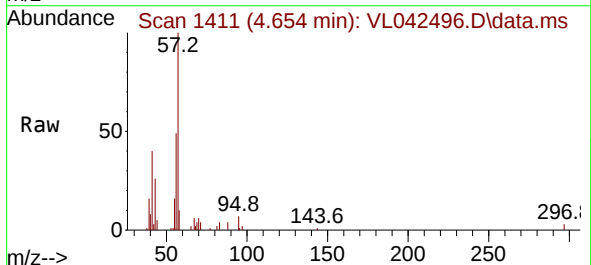
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

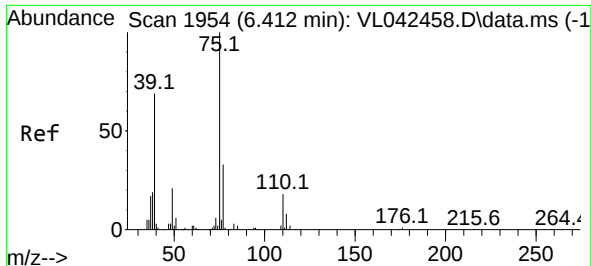
Tgt Ion: 69 Resp: 729
Ion Ratio Lower Upper
69 100
41 0.0 120.8 181.2#
100 100.0 26.7 40.1#



#44
2,2,4-Trimethylpentane
Concen: 0.151 ppbv
RT: 4.654 min Scan# 1411
Delta R.T. 0.019 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion: 57 Resp: 4080
Ion Ratio Lower Upper
57 100
41 0.0 30.6 45.8#
56 103.9 25.0 37.6#





#45

t-1,3-Dichloropropene

Concen: 0.176 ppbv

RT: 6.428 min Scan# 1959

Delta R.T. 0.016 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

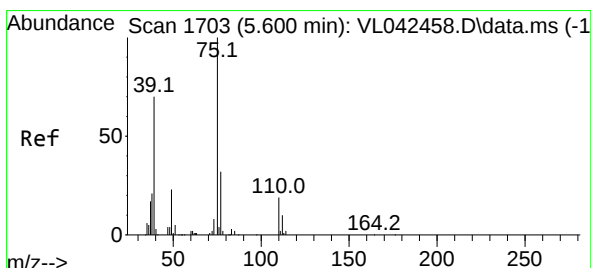
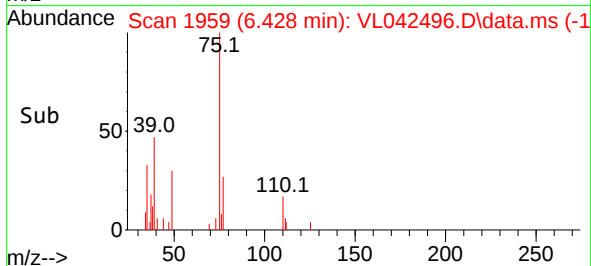
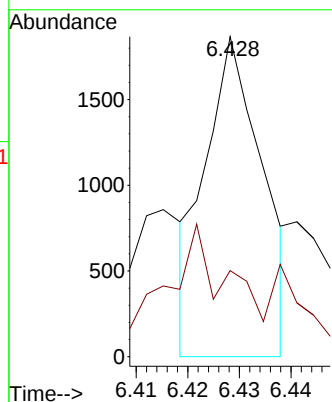
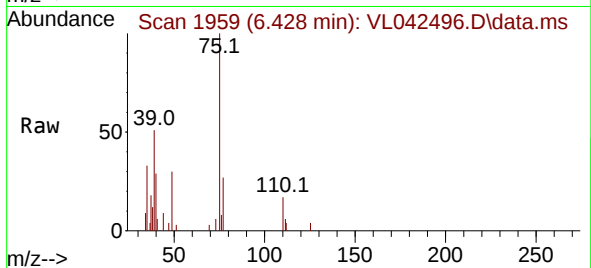
MDL2 0.45

Tgt Ion: 75 Resp: 1436

Ion Ratio Lower Upper

75 100

77 26.9 26.3 39.5



#46

cis-1,3-Dichloropropene

Concen: 0.181 ppbv

RT: 5.613 min Scan# 1707

Delta R.T. 0.013 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

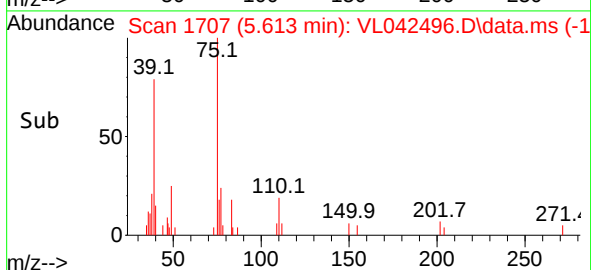
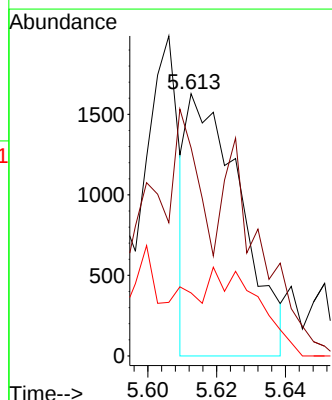
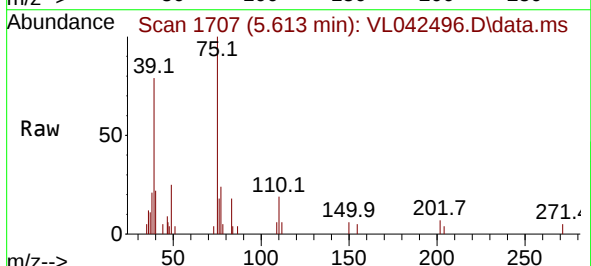
Tgt Ion: 75 Resp: 1750

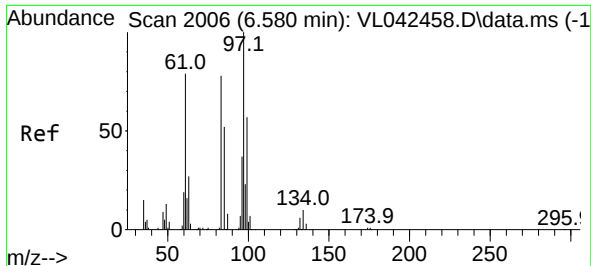
Ion Ratio Lower Upper

75 100

39 55.0 55.7 83.5#

77 17.5 25.8 38.8#





#47

1,1,2-Trichloroethane

Concen: 0.453 ppbv

RT: 6.600 min Scan# 2006

Delta R.T. 0.019 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.45

Tgt Ion: 97 Resp: 3097

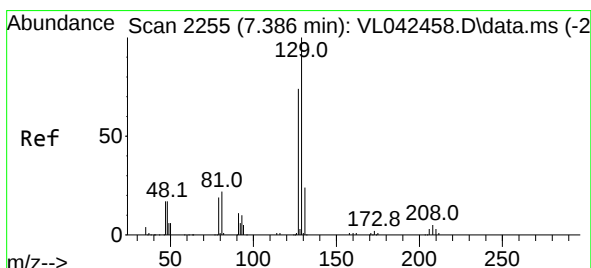
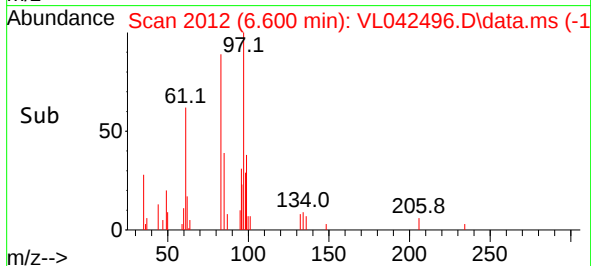
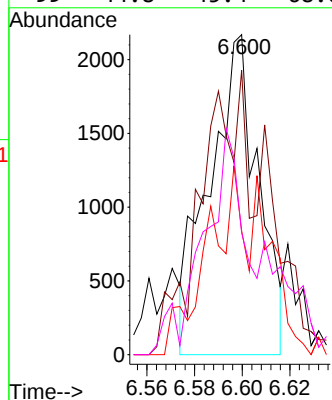
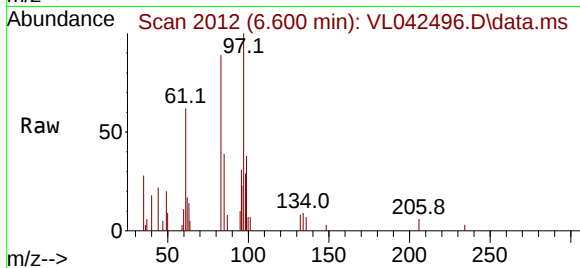
Ion Ratio Lower Upper

97 100

83 83.9 62.2 93.2

85 30.0 41.5 62.3#

99 44.8 45.4 68.0#



#48

Dibromochloromethane

Concen: 0.388 ppbv

RT: 7.399 min Scan# 2259

Delta R.T. 0.013 min

Lab File: VL042496.D

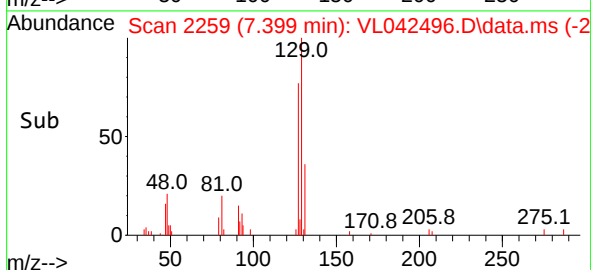
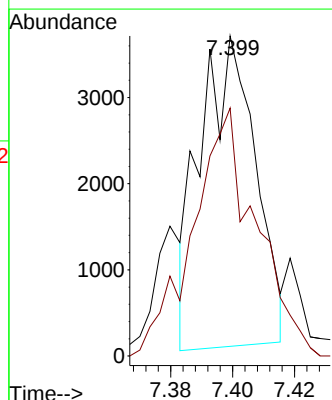
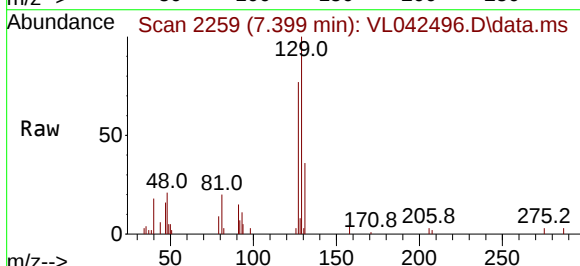
Acq: 06 May 2025 14:57

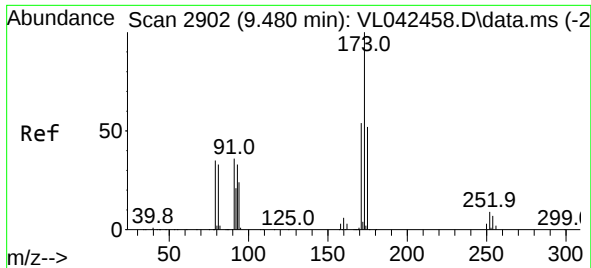
Tgt Ion: 129 Resp: 4472

Ion Ratio Lower Upper

129 100

127 91.0 39.5 118.5





#49

Bromoform

Concen: 0.405 ppbv

RT: 9.487 min Scan# 2902

Delta R.T. 0.007 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.45

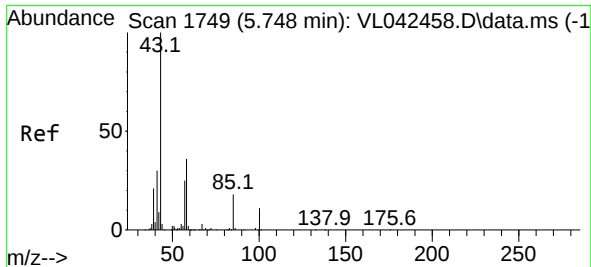
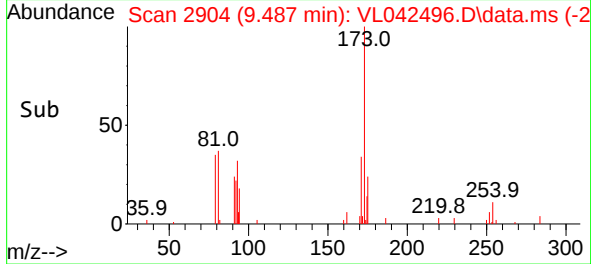
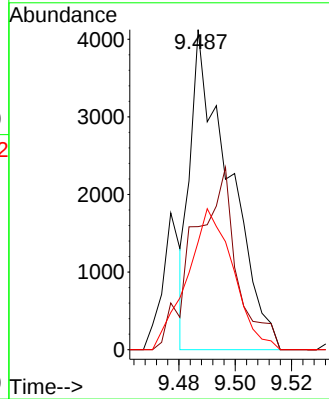
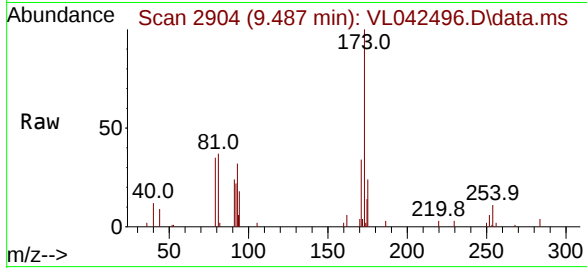
Tgt Ion:173 Resp: 3916

Ion Ratio Lower Upper

173 100

175 63.3 38.9 58.3#

171 52.7 40.6 60.8



#50

4-Methyl-2-Pentanone

Concen: 0.075 ppbv

RT: 5.765 min Scan# 1754

Delta R.T. 0.016 min

Lab File: VL042496.D

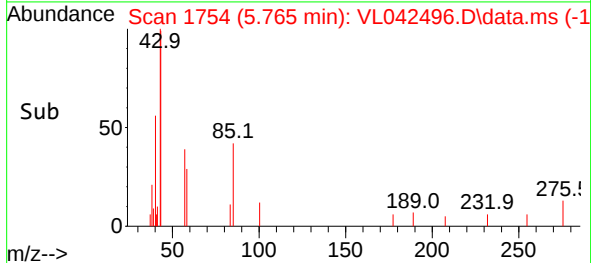
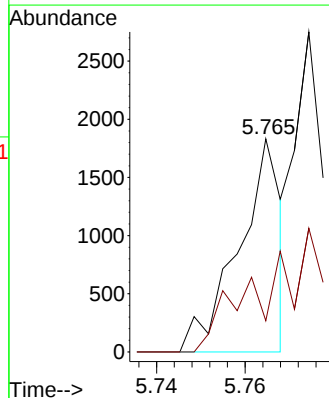
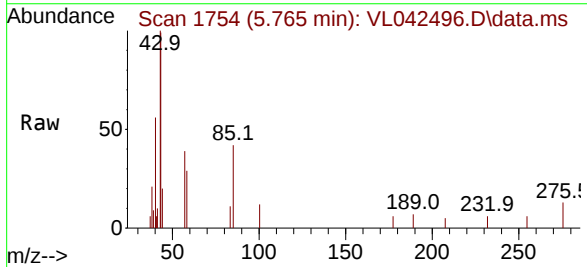
Acq: 06 May 2025 14:57

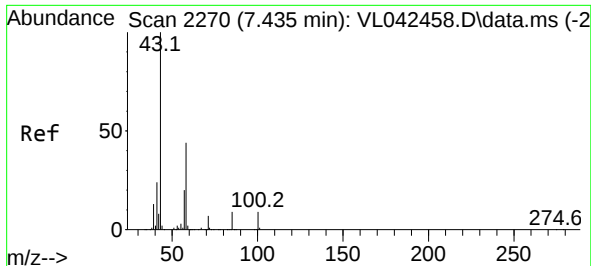
Tgt Ion: 43 Resp: 1214

Ion Ratio Lower Upper

43 100

58 0.0 29.5 44.3#

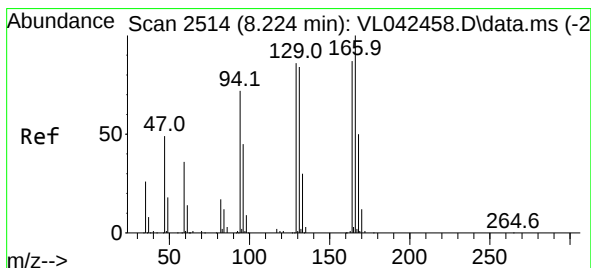
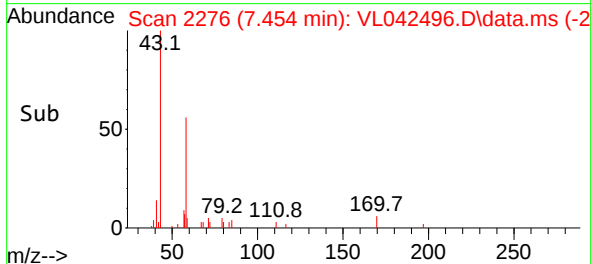
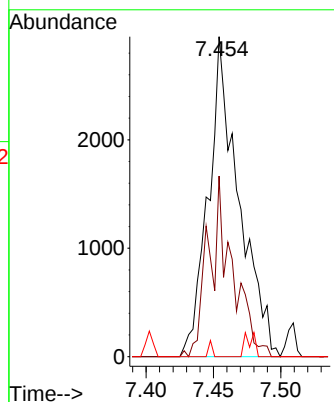
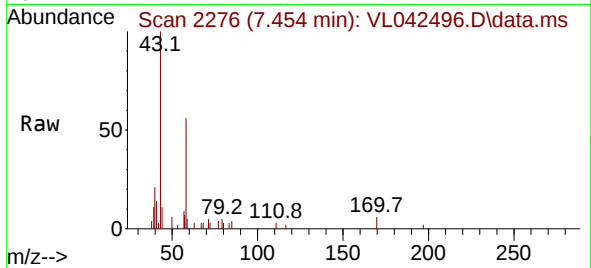




#51
2-Hexanone
Concen: 0.360 ppbv
RT: 7.454 min Scan# 2111
Delta R.T. 0.019 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

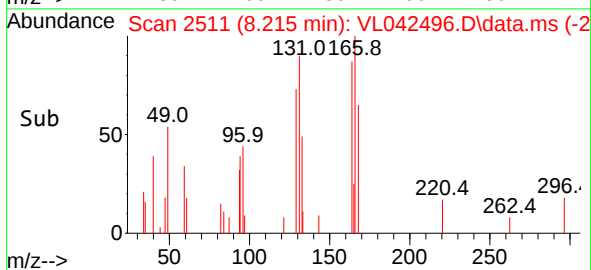
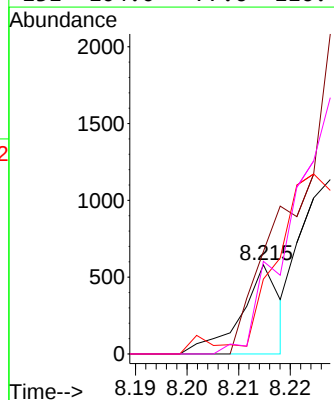
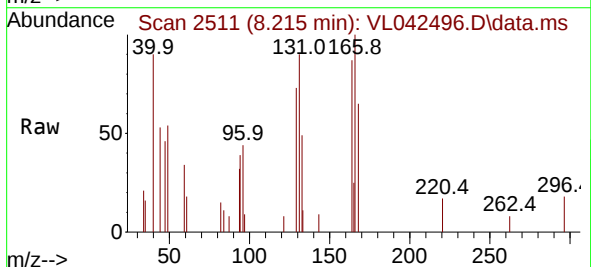
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

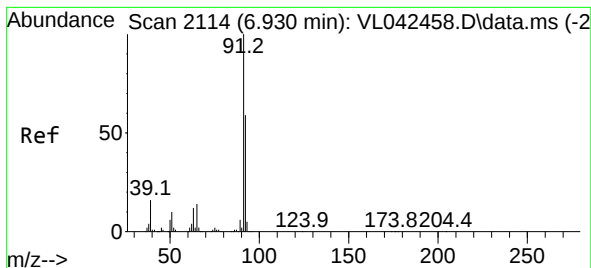
Tgt Ion: 43 Resp: 4647
Ion Ratio Lower Upper
43 100
58 44.0 37.2 55.8
98 2.2 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.048 ppbv
RT: 8.215 min Scan# 2511
Delta R.T. -0.010 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion: 164 Resp: 301
Ion Ratio Lower Upper
164 100
166 115.0 91.6 137.4
129 84.1 79.0 118.4
131 104.0 77.6 116.4





#53

Toluene

Concen: 0.090 ppbv

RT: 6.956 min Scan# 2114

Delta R.T. 0.026 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

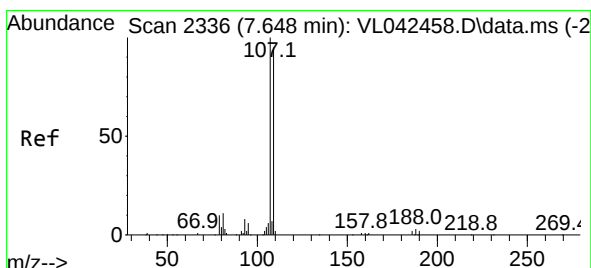
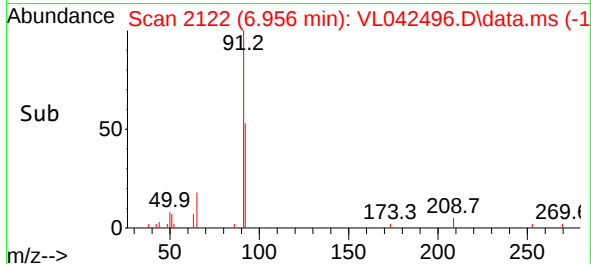
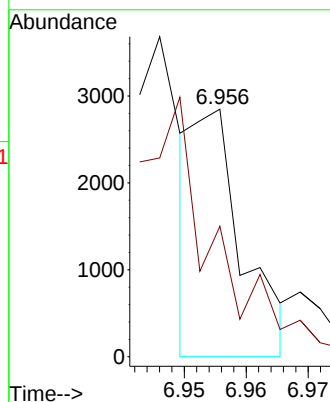
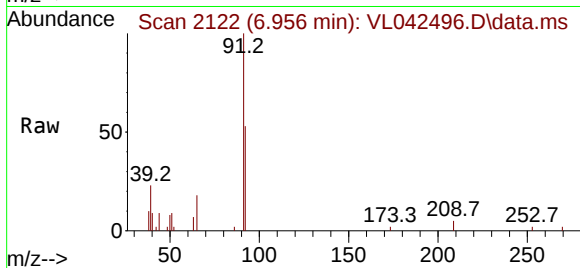
MDL2 0.45

Tgt Ion: 91 Resp: 1581

Ion Ratio Lower Upper

91 100

92 0.0 47.9 71.9#



#54

1,2-Dibromoethane

Concen: 0.459 ppbv

RT: 7.668 min Scan# 2342

Delta R.T. 0.019 min

Lab File: VL042496.D

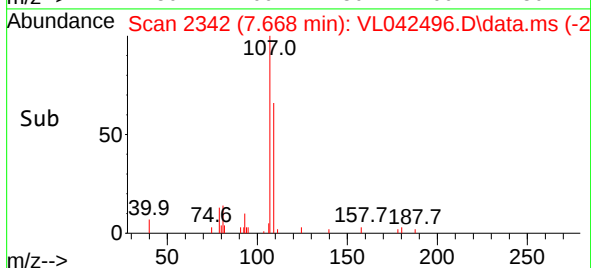
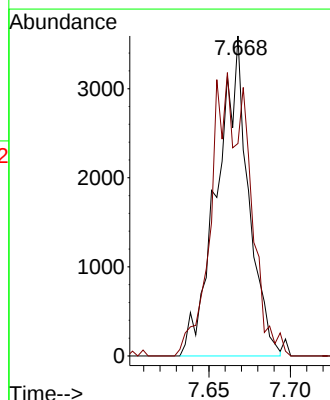
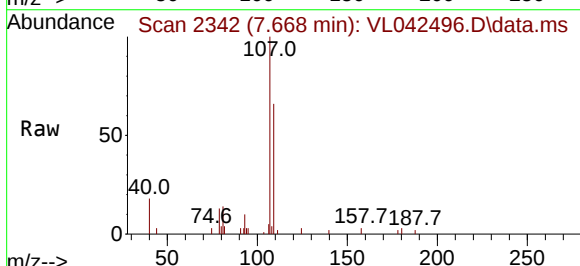
Acq: 06 May 2025 14:57

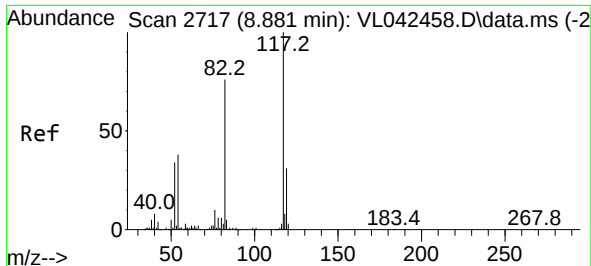
Tgt Ion: 107 Resp: 4797

Ion Ratio Lower Upper

107 100

109 64.3 76.0 114.0#

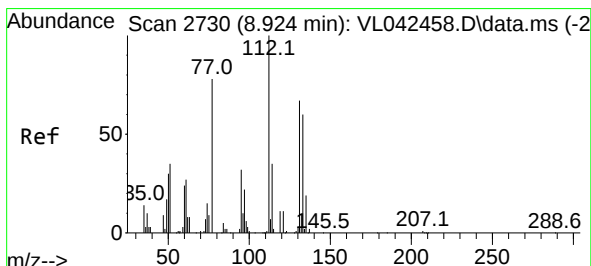
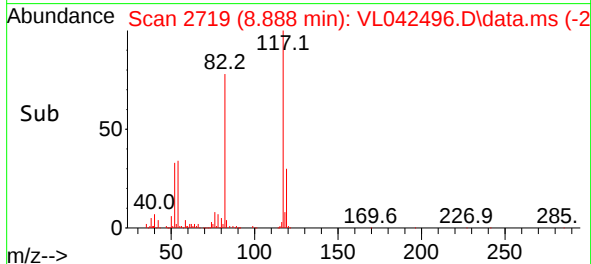
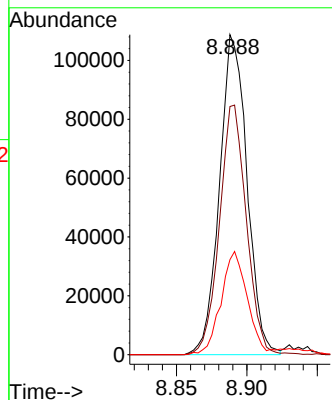
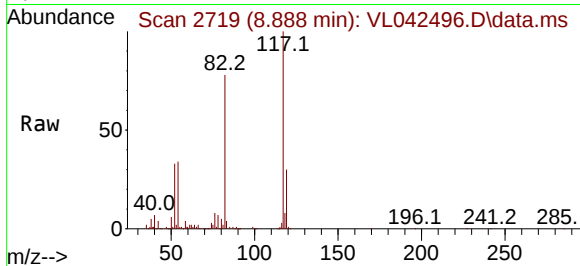




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

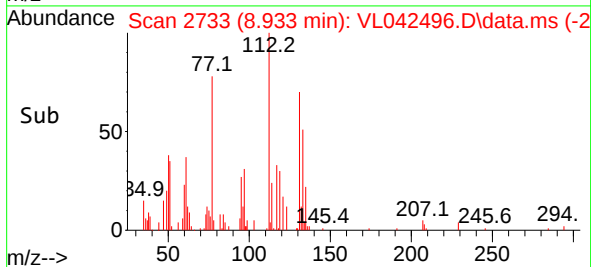
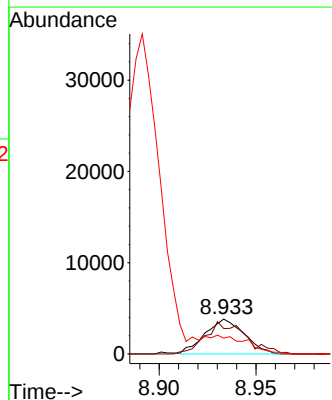
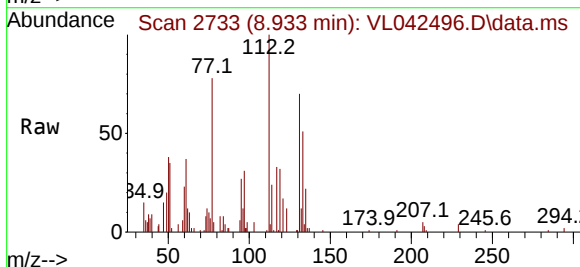
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

Tgt Ion:117 Resp: 147893
Ion Ratio Lower Upper
117 100
82 76.4 63.5 95.3
119 33.2 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.617 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. 0.010 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion:131 Resp: 5388
Ion Ratio Lower Upper
131 100
133 94.5 76.0 114.0
119 0.0 46.1 69.1#

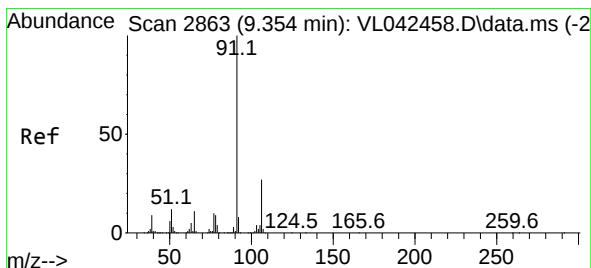
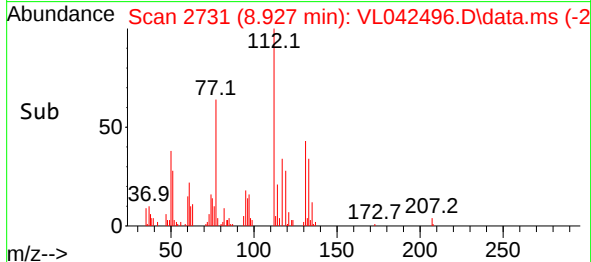
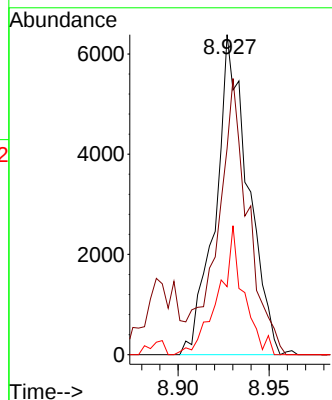
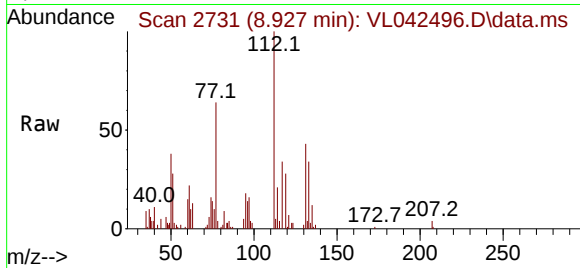




#57
Chlorobenzene
Concen: 0.536 ppbv
RT: 8.927 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

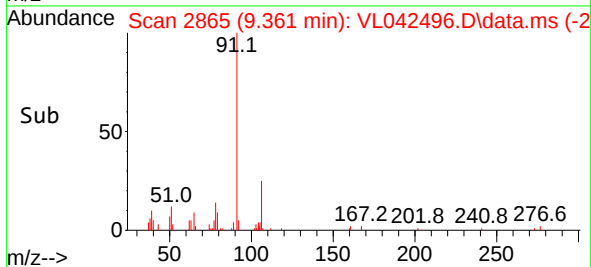
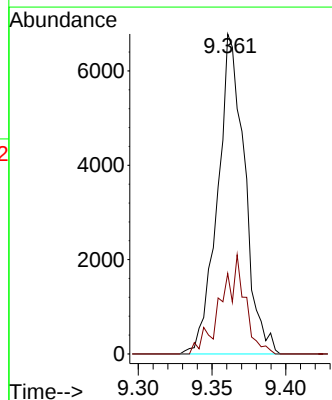
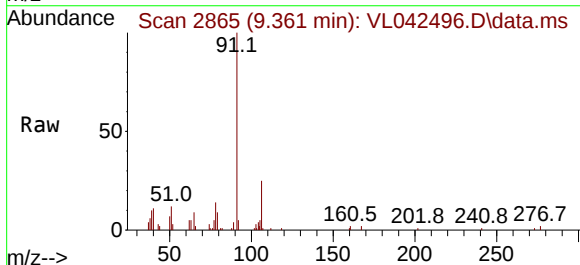
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

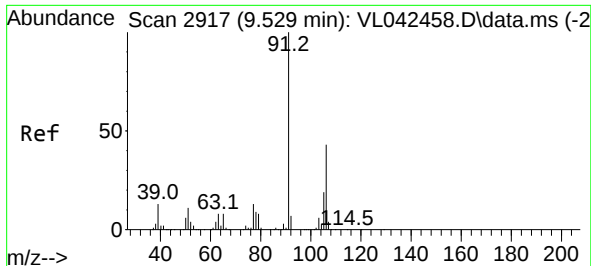
Tgt Ion: 112 Resp: 7961
Ion Ratio Lower Upper
112 100
77 61.7 65.0 97.4#
114 21.3 27.5 33.7#



#58
Ethyl Benzene
Concen: 0.349 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion: 91 Resp: 8636
Ion Ratio Lower Upper
91 100
106 25.2 21.9 32.9





#59

m/p-Xylene

Concen: 0.123 ppbv

RT: 9.539 min Scan# 2917

Delta R.T. 0.010 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

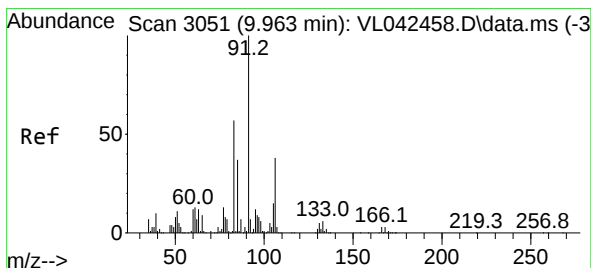
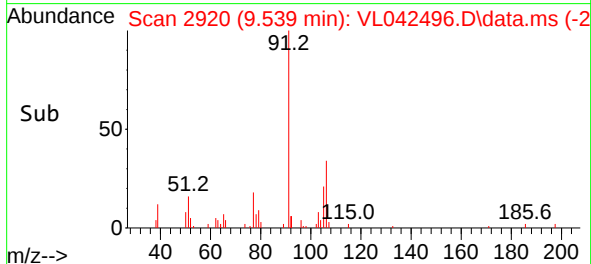
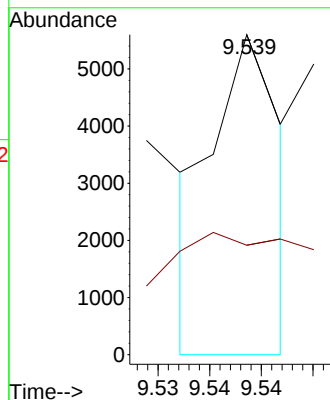
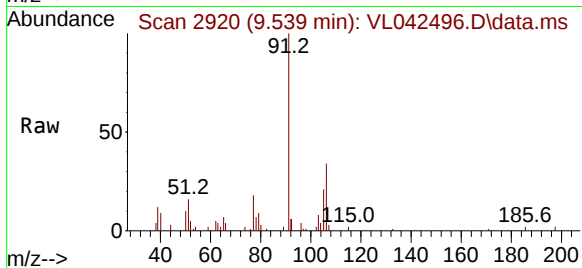
MDL2 0.45

Tgt Ion: 91 Resp: 2549

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.2#



#60

o-Xylene

Concen: 0.328 ppbv

RT: 9.976 min Scan# 3055

Delta R.T. 0.013 min

Lab File: VL042496.D

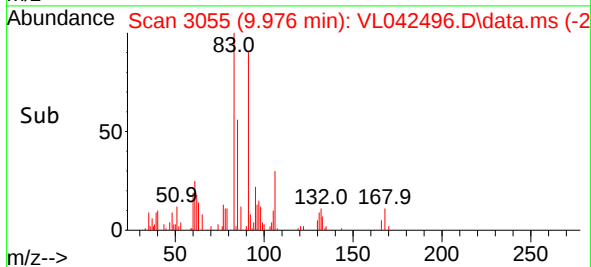
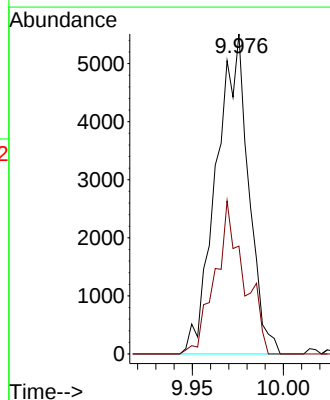
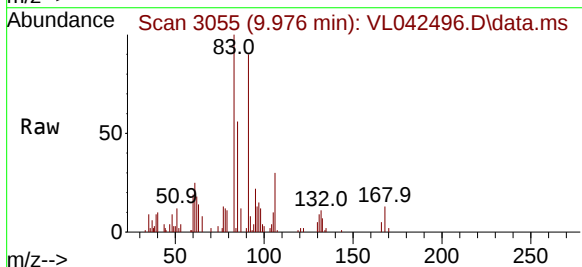
Acq: 06 May 2025 14:57

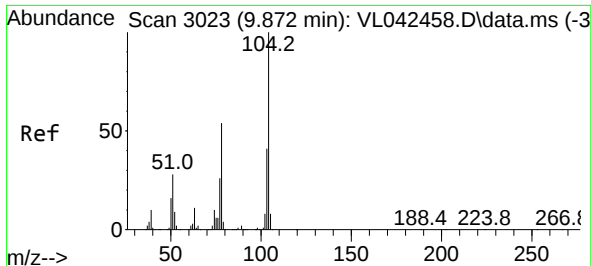
Tgt Ion: 91 Resp: 6798

Ion Ratio Lower Upper

91 100

106 42.7 20.1 60.2

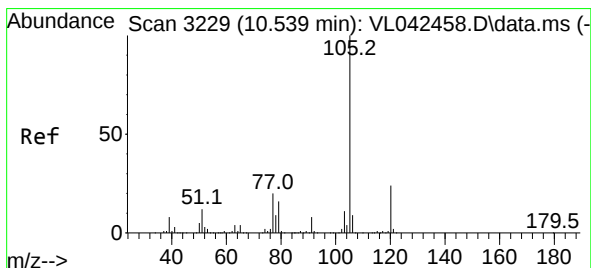
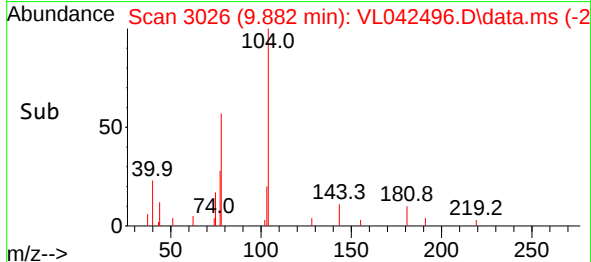
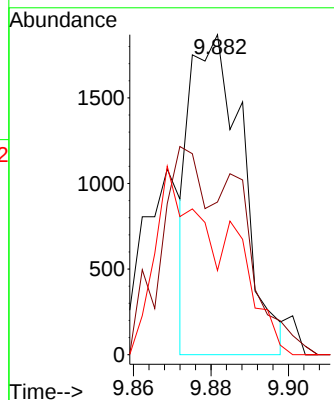
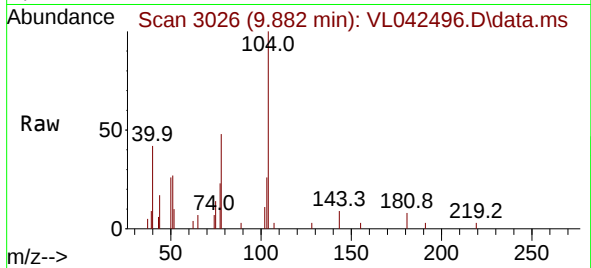




#61
Styrene
Concen: 0.225 ppbv
RT: 9.882 min Scan# 3026
Delta R.T. 0.010 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

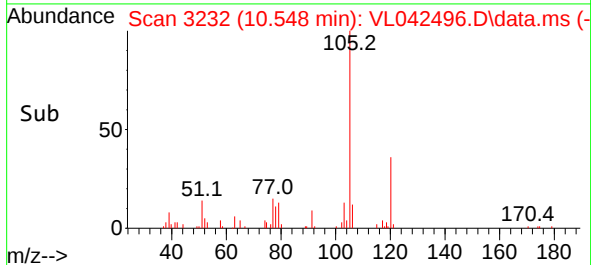
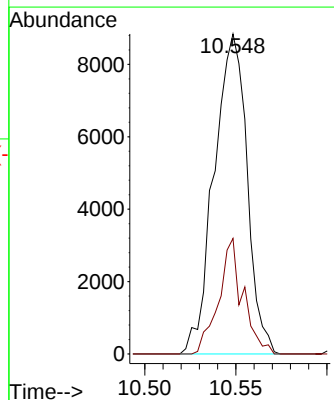
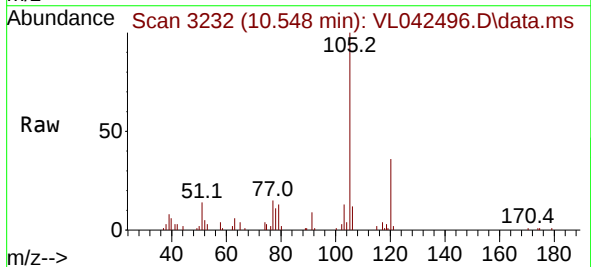
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

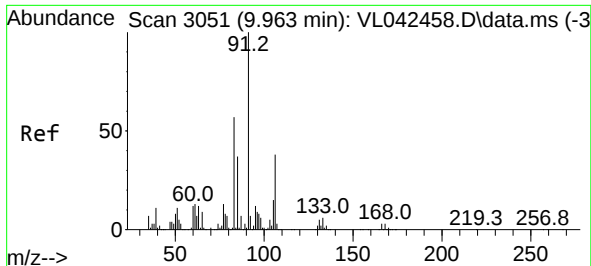
Tgt Ion:104 Resp: 1738
Ion Ratio Lower Upper
104 100
78 0.0 46.9 70.3#
103 0.0 36.6 55.0#



#62
Isopropylbenzene
Concen: 0.371 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. 0.010 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion:105 Resp: 11113
Ion Ratio Lower Upper
105 100
120 26.6 18.8 28.2

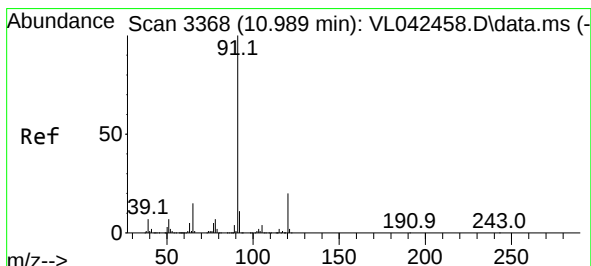
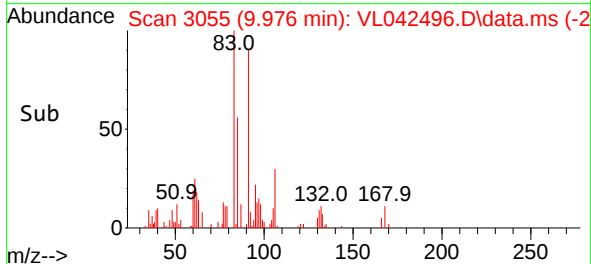
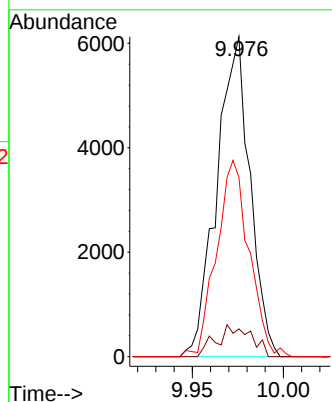
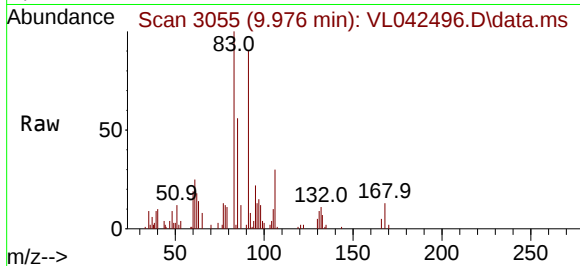




#63
1,1,2,2-Tetrachloroethane
Concen: 0.543 ppbv
RT: 9.976 min Scan# 3051
Delta R.T. 0.013 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

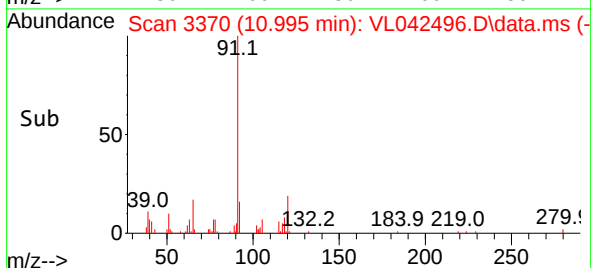
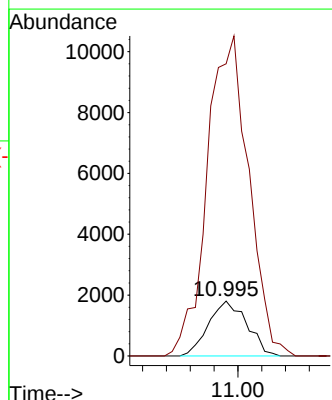
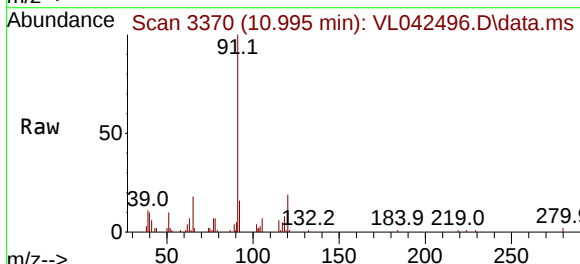
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

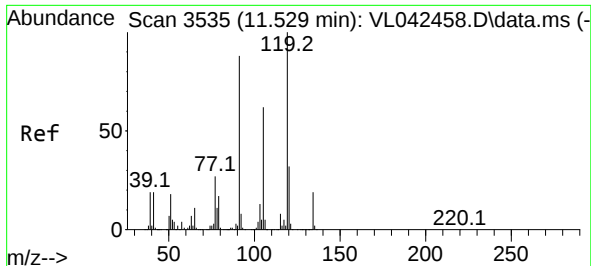
Tgt Ion:	83	Resp:	7773
Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.7	14.1
85	60.3	32.5	97.4



#64
n-propylbenzene
Concen: 0.277 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion:	120	Resp:	2024
Ion	Ratio	Lower	Upper
120	100		
91	629.4	408.6	612.8#

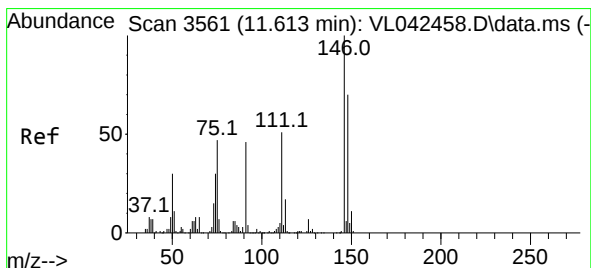
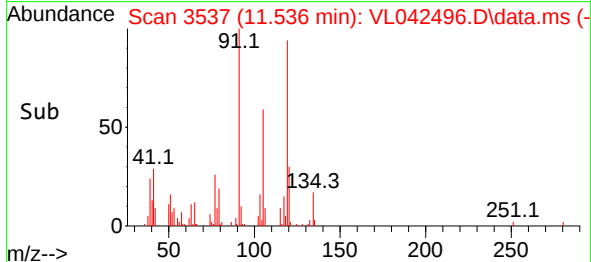
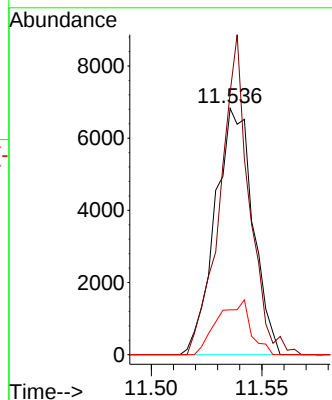
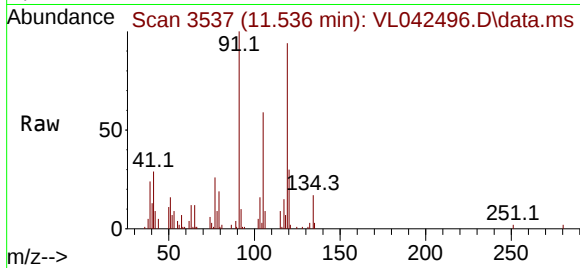




#65
tert-Butylbenzene
Concen: 0.305 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

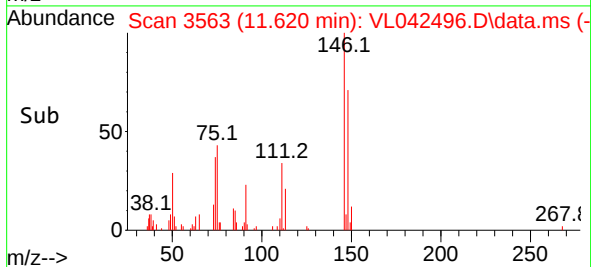
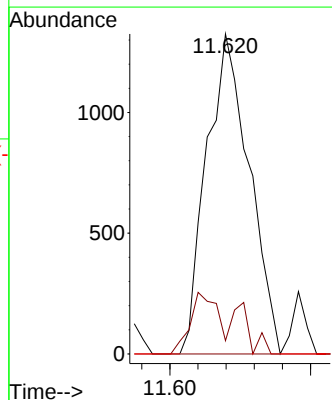
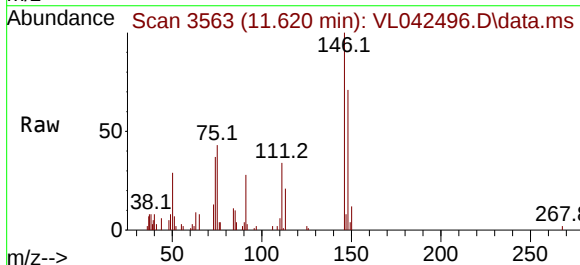
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

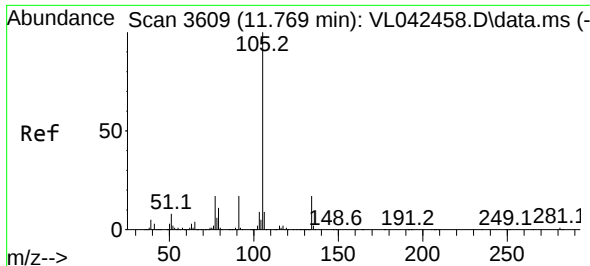
Tgt Ion:	119	Resp:	8136
Ion	Ratio	Lower	Upper
119	100		
91	99.9	71.6	107.4
134	19.3	15.0	22.4



#66
Benzyl Chloride
Concen: 0.452 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion:	91	Resp:	1394
Ion	Ratio	Lower	Upper
91	100		
126	19.2	13.3	19.9
128	0.0	4.2	6.4#

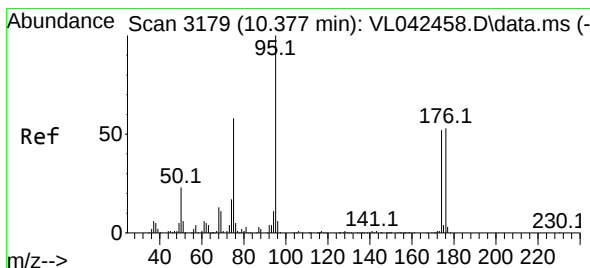
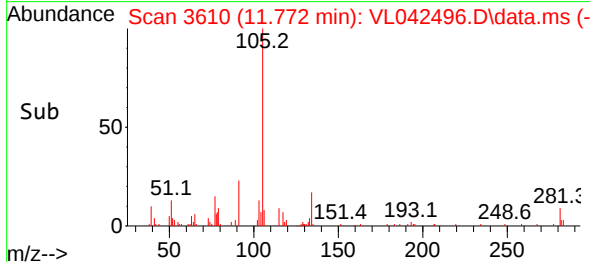
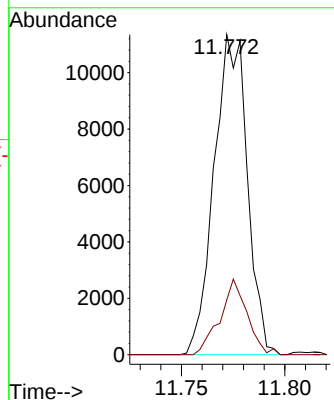
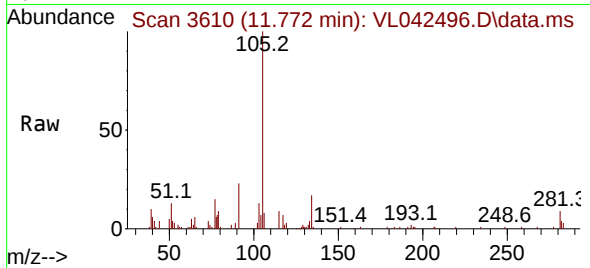




#67
 sec-Butylbenzene
 Concen: 0.334 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

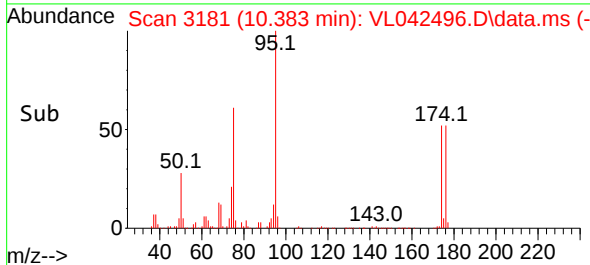
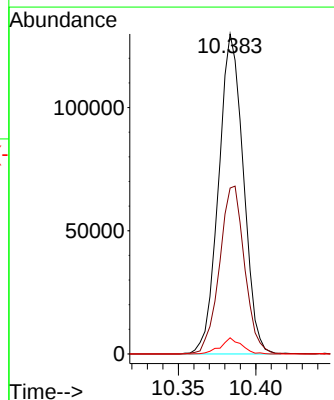
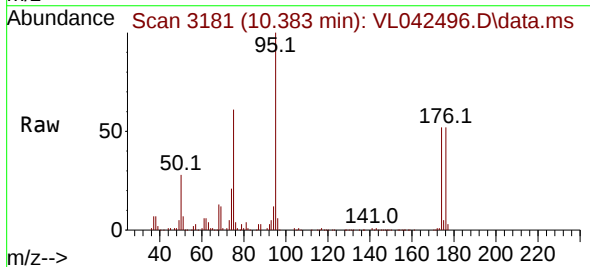
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.45

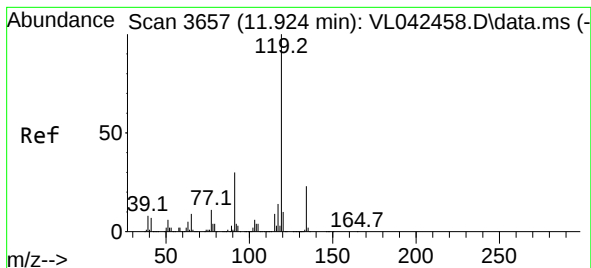
Tgt Ion:105 Resp: 12683
 Ion Ratio Lower Upper
 105 100
 134 19.3 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.521 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.007 min
 Lab File: VL042496.D
 Acq: 06 May 2025 14:57

Tgt Ion: 95 Resp: 144260
 Ion Ratio Lower Upper
 95 100
 174 53.2 42.7 64.1
 175 4.2 3.6 5.4





#69

p-Isopropyltoluene

Concen: 0.318 ppbv

RT: 11.930 min Scan# 3659

Delta R.T. 0.007 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

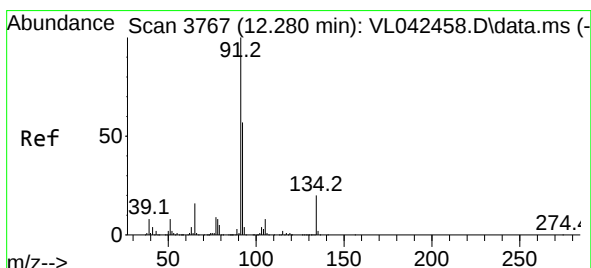
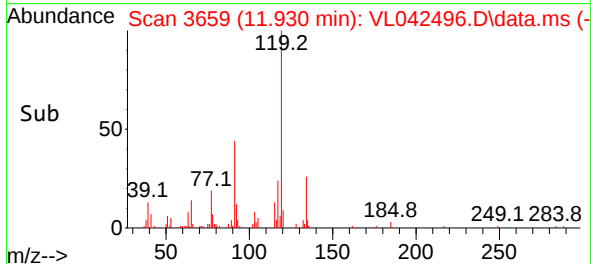
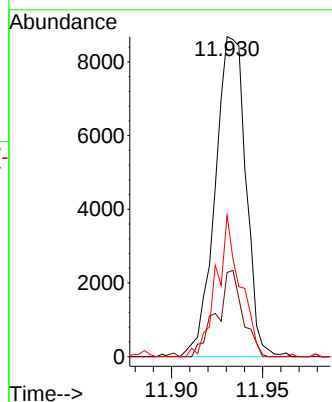
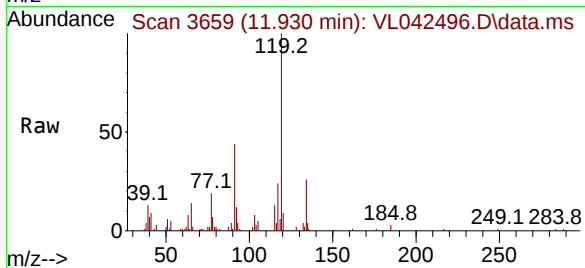
Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.45

Tgt Ion:	119	Resp:	10165
Ion	Ratio	Lower	Upper
119	100		
134	23.5	19.0	28.4
91	34.5	25.5	38.3



#70

n-Butylbenzene

Concen: 0.312 ppbv

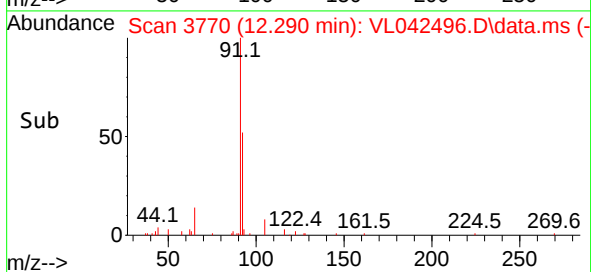
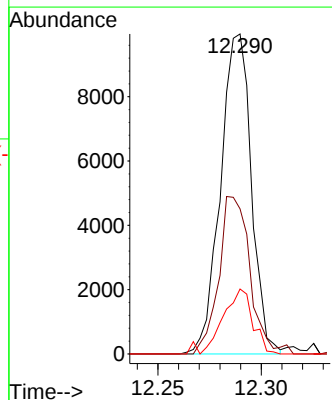
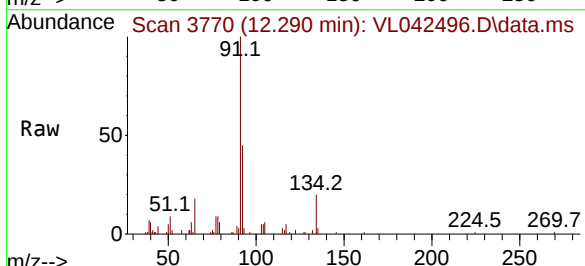
RT: 12.290 min Scan# 3770

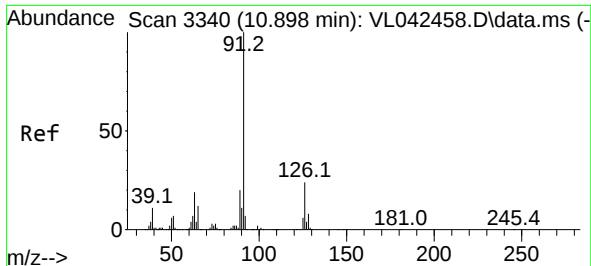
Delta R.T. 0.010 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Tgt Ion:	91	Resp:	10320
Ion	Ratio	Lower	Upper
91	100		
92	50.0	44.0	66.0
134	19.9	16.8	25.2

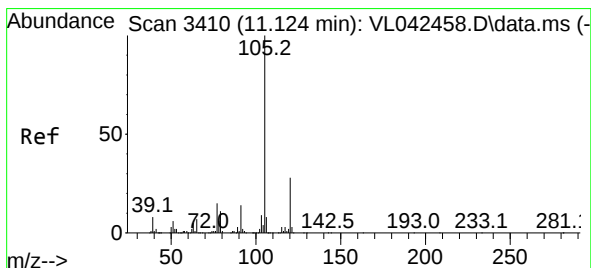
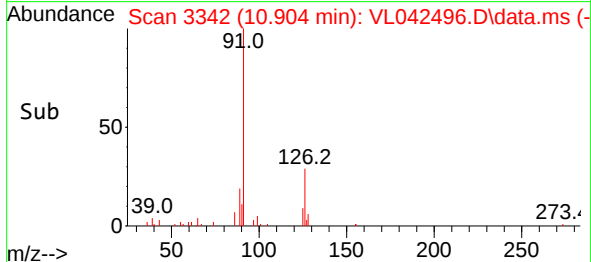
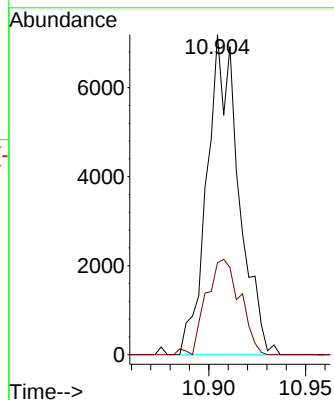
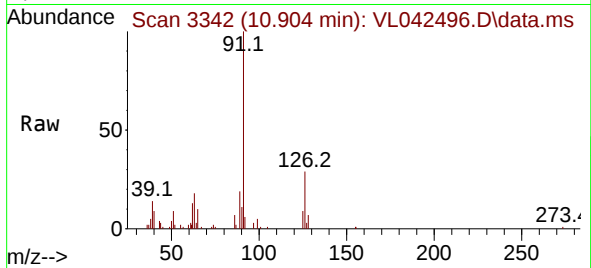




#71
2-Chlorotoluene
Concen: 0.350 ppbv
RT: 10.904 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

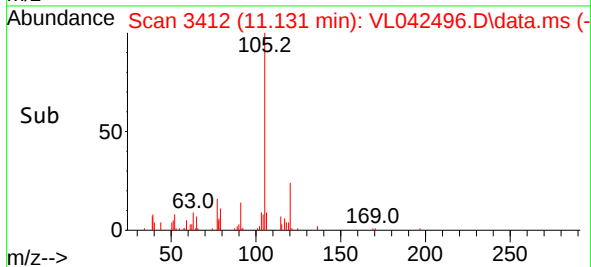
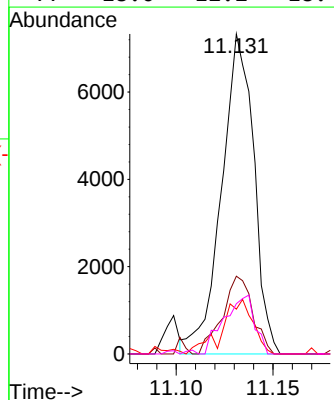
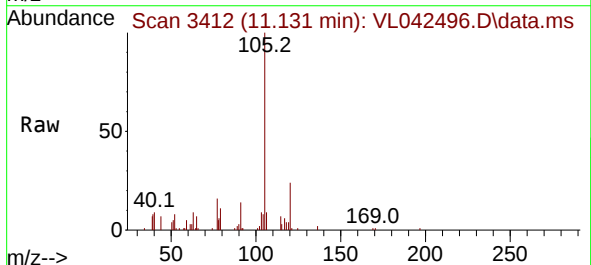
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

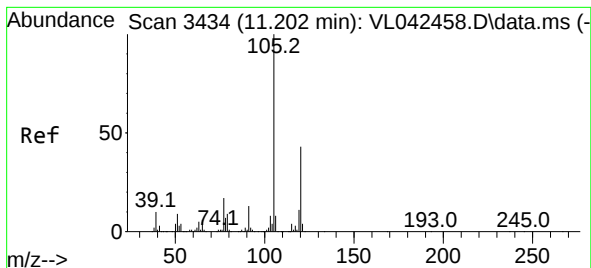
Tgt Ion: 91 Resp: 8218
Ion Ratio Lower Upper
91 100
126 31.8 10.6 42.2



#72
4-Ethyltoluene
Concen: 0.348 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion: 105 Resp: 8500
Ion Ratio Lower Upper
105 100
120 24.4 22.0 33.0
91 18.0 11.2 16.8#
77 18.0 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 0.334 ppbv

RT: 11.205 min Scan# 3434

Delta R.T. 0.003 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

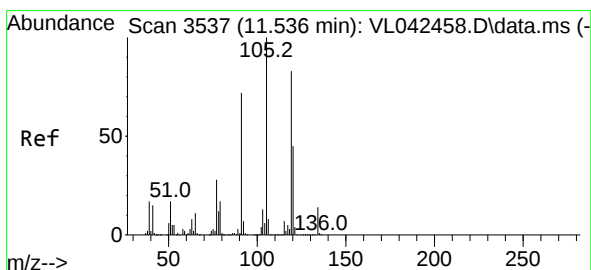
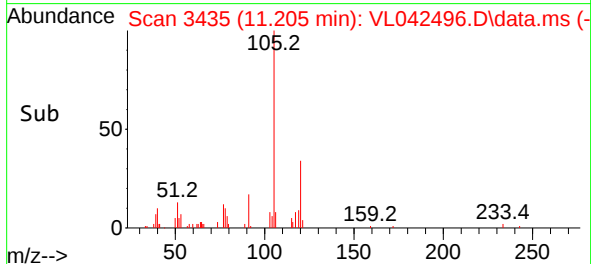
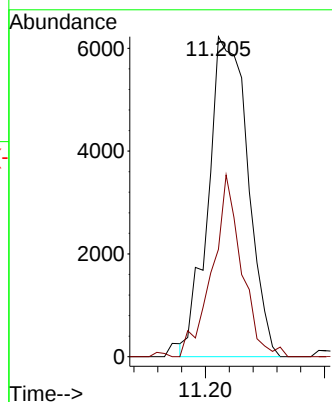
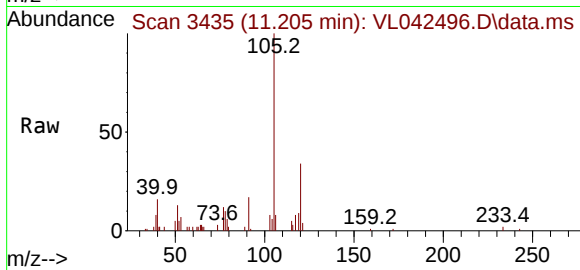
MDL2 0.45

Tgt Ion:105 Resp: 7183

Ion Ratio Lower Upper

105 100

120 33.5 34.4 51.6#



#74

1,2,4-Trimethylbenzene

Concen: 0.337 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.007 min

Lab File: VL042496.D

Acq: 06 May 2025 14:57

Tgt Ion:105 Resp: 8769

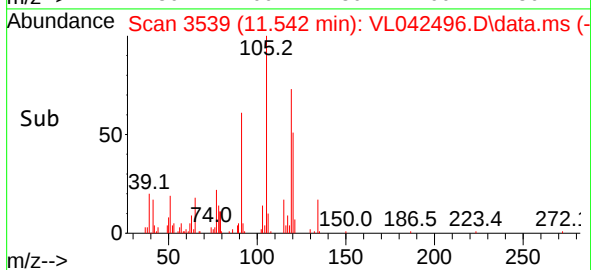
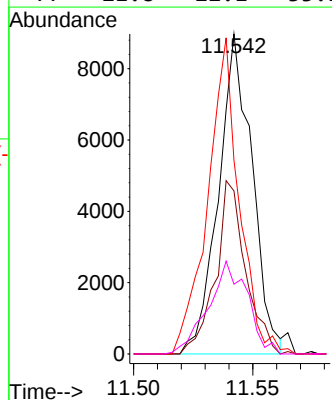
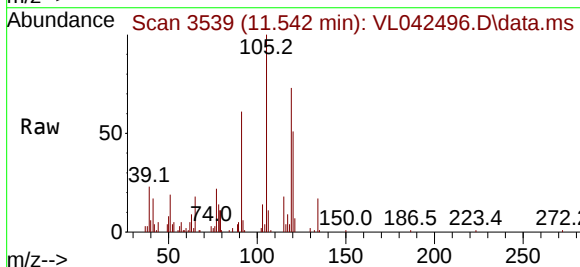
Ion Ratio Lower Upper

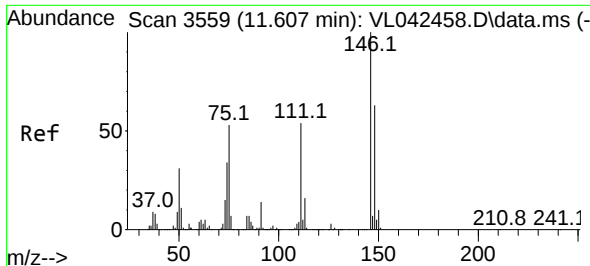
105 100

120 50.9 36.1 54.1

91 59.2 57.6 86.4

77 21.8 22.1 33.1#

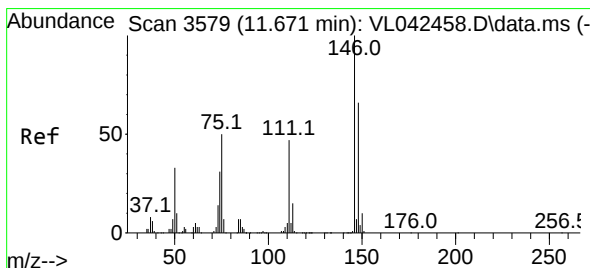
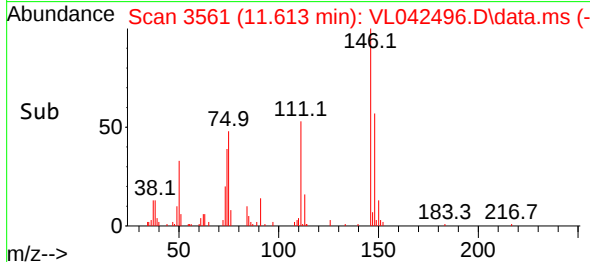
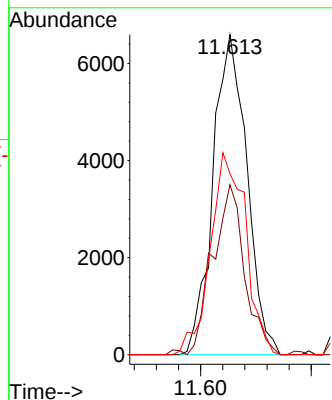
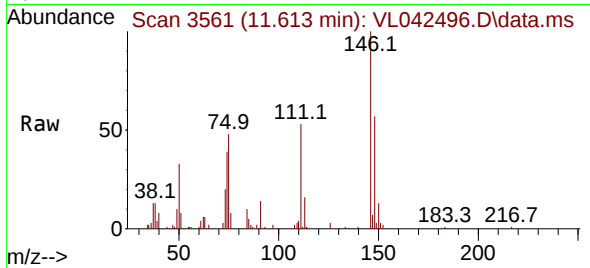




#75
1,3-Dichlorobenzene
Concen: 0.485 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

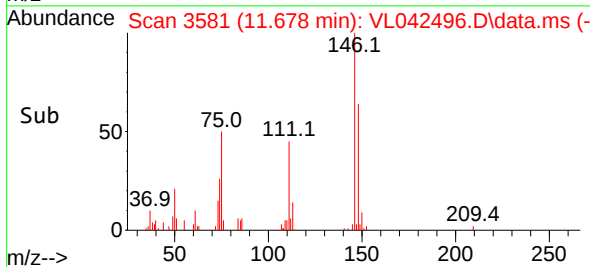
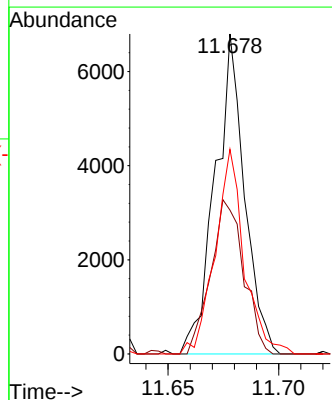
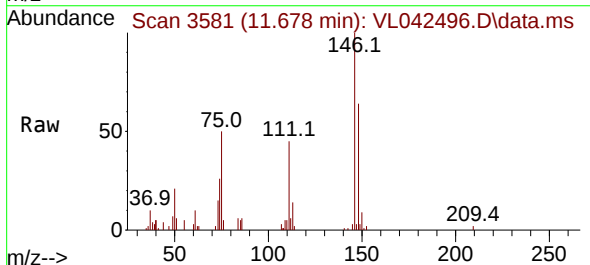
Instrument :
MSVOA_1
ClientSampleId :
MDL2 0.45

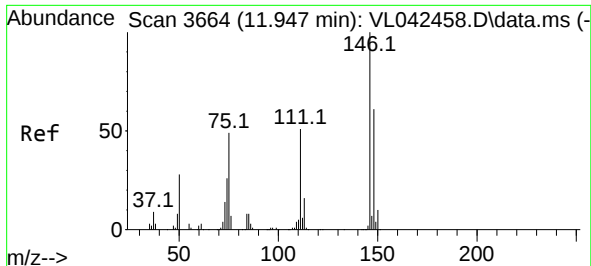
Tgt Ion:146 Resp: 7021
Ion Ratio Lower Upper
146 100
111 50.6 26.1 78.3
148 65.6 32.0 96.0



#76
1,4-Dichlorobenzene
Concen: 0.459 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion:146 Resp: 6291
Ion Ratio Lower Upper
146 100
111 53.9 24.4 73.2
148 63.2 32.0 96.2

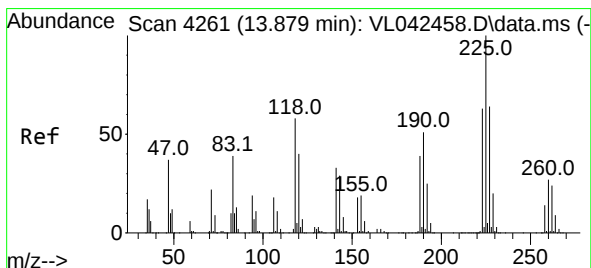
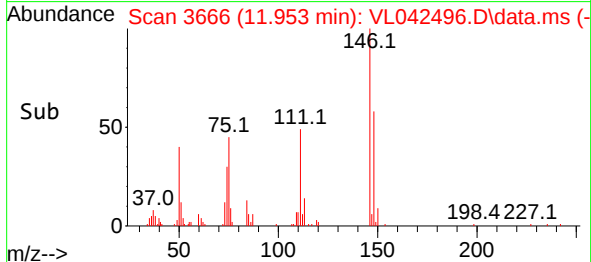
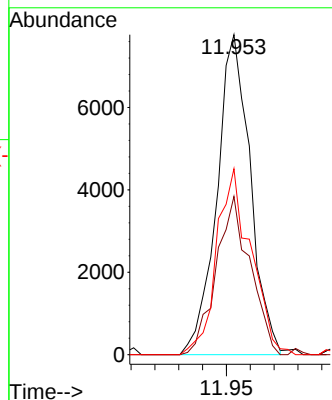
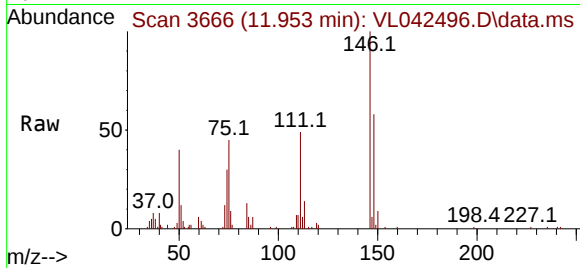




#77
1,2-Dichlorobenzene
Concen: 0.533 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

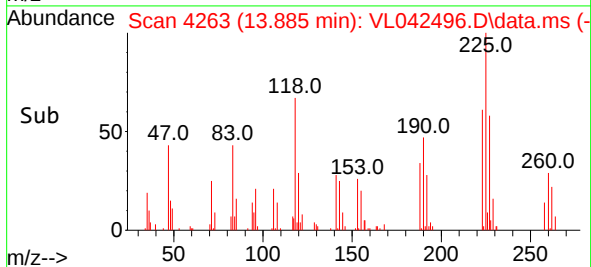
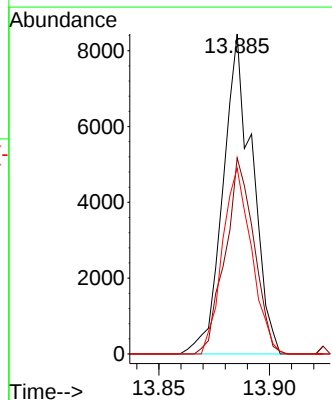
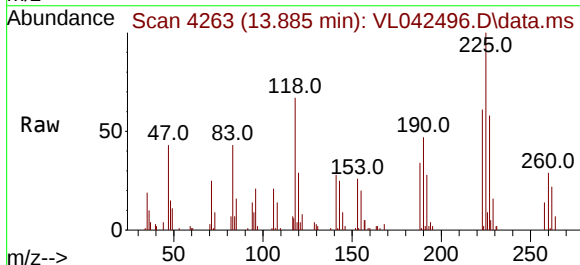
Instrument :
MSVOA_1
ClientSampleId :
MDL2 0.45

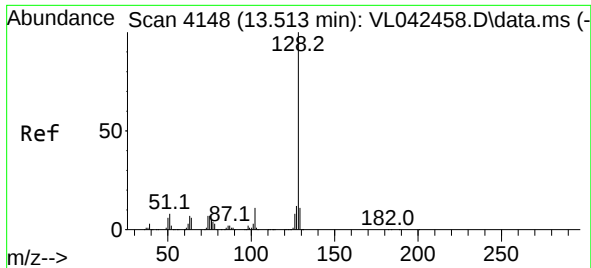
Tgt Ion:	146	Resp:	7558
Ion	Ratio	Lower	Upper
146	100		
111	50.8	26.5	79.5
148	59.6	31.5	94.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.547 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. 0.007 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion:	225	Resp:	7741
Ion	Ratio	Lower	Upper
225	100		
223	60.4	50.2	75.4
227	58.2	51.2	76.8

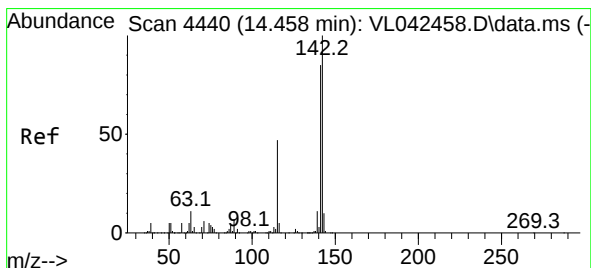
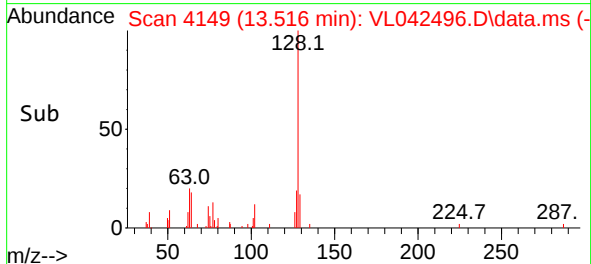
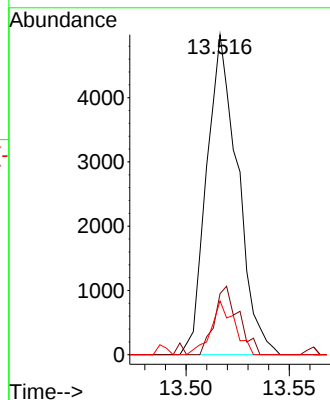
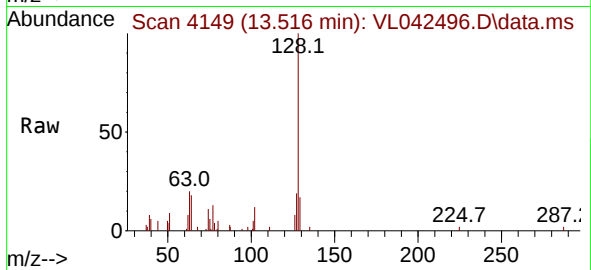




#79
Naphthalene
Concen: 0.238 ppbv
RT: 13.516 min Scan# 4149
Delta R.T. 0.003 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

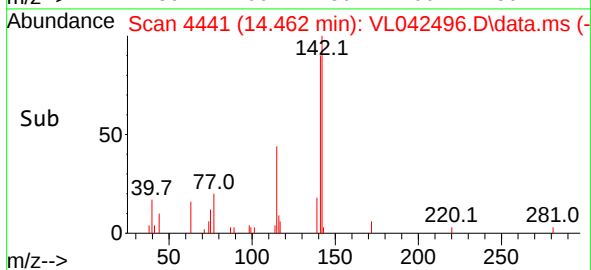
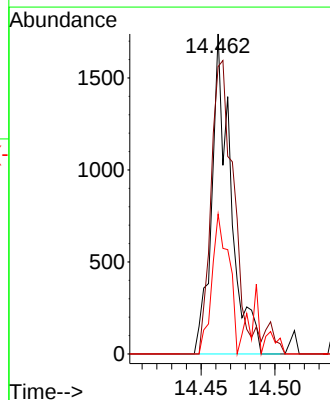
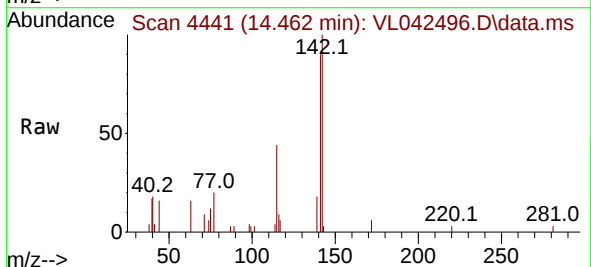
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.45

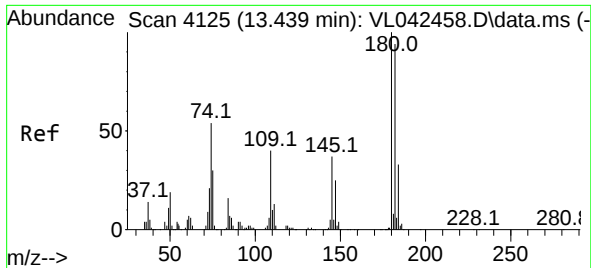
Tgt Ion:128 Resp: 5205
Ion Ratio Lower Upper
128 100
127 19.1 9.7 14.5#
129 16.8 8.6 13.0#



#80
Naphthalene,2-methyl-
Concen: 0.096 ppbv
RT: 14.462 min Scan# 4441
Delta R.T. 0.003 min
Lab File: VL042496.D
Acq: 06 May 2025 14:57

Tgt Ion:142 Resp: 1562
Ion Ratio Lower Upper
142 100
141 113.8 67.4 101.0#
115 44.0 36.9 55.3





#81

1,2,4-Trichlorobenzene

Concen: 0.281 ppbv

RT: 13.445 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL042496.D

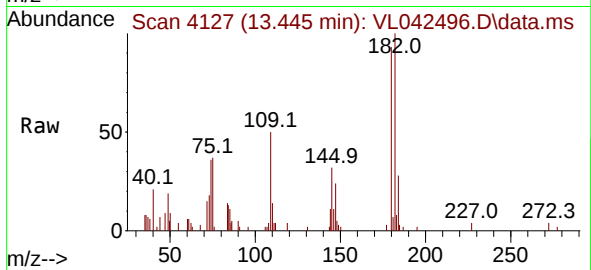
Acq: 06 May 2025 14:57

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.45



Tgt Ion:180 Resp: 3278

Ion Ratio Lower Upper

180 100

182 105.9 74.6 111.8

184 30.9 24.9 37.3

