

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042499.D
 Acq On : 06 May 2025 16:32
 Operator : SY/MD
 Sample : MDL2 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.03

Quant Time: May 07 02:46:23 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	2.793	49	64942	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	169525	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.894	117	141675	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.386	95	127872	9.735	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	482	0.045	ppbv #	86
3) Chlorodifluoromethane	1.479	51	435	0.038	ppbv	91
4) Chloromethane	1.537	50	331	0.074	ppbv #	82
5) Vinyl Chloride	1.583	62	209	0.046	ppbv #	44
6) Bromomethane	1.670	94	98	0.046	ppbv #	6
7) Chloroethane	1.706	64	12	0.007	ppbv #	43
8) Dichlorotetrafluoroethane	1.557	85	434	0.049	ppbv	92
9) Propene	1.822	41	425	0.114	ppbv	87
10) Heptane	4.988	43	111	0.012	ppbv #	26
11) Trichlorofluoromethane	1.884	101	263	0.027	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.146	101	214	0.027	ppbv #	40
13) Ethanol	1.890	45	471	0.625	ppbv #	37
14) Bromoethene	1.787	108	63	0.022	ppbv #	1
15) Acetone	1.838	43	1721	0.145	ppbv #	87
16) 1,3-Butadiene	1.612	39	176	0.034	ppbv #	14
17) tert-Butyl alcohol	2.049	59	447	0.043	ppbv #	75
18) 1,1-Dichloroethene	2.039	96	103	0.028	ppbv #	93
19) Isopropyl Alcohol	1.890	45	471	0.072	ppbv #	65
20) Methylene Chloride	2.068	84	806	0.226	ppbv #	85
21) Allyl Chloride	2.101	41	579	0.076	ppbv #	1
22) trans-1,2-Dichloroethene	2.340	96	266	0.062	ppbv #	13
23) Vinyl Acetate	2.470	43	274	0.024	ppbv #	19
24) 1,1-Dichloroethane	2.415	63	495	0.056	ppbv #	90
25) Ethyl Acetate	2.855	43	245	0.013	ppbv #	73
26) Hexane	2.829	57	145	0.018	ppbv #	9
27) Carbon Disulfide	2.156	76	211	0.022	ppbv #	1
28) Methyl tert-Butyl Ether	2.444	73	52	0.010	ppbv #	1
29) Chloroform	2.855	83	586	0.038	ppbv	98
30) Cyclohexane	3.878	84	22	0.003	ppbv #	1
31) cis-1,2-Dichloroethene	2.725	61	174	0.018	ppbv #	43
32) 1,1,1-Trichloroethane	3.373	97	385	0.023	ppbv #	68
34) 2-Butanone	2.570	43	364	0.030	ppbv	98
35) Carbon Tetrachloride	3.777	117	675	0.044	ppbv #	62
36) Benzene	3.667	78	269	0.017	ppbv #	65
37) 1,2-Dichloroethane	3.233	62	138	0.011	ppbv #	84
38) Trichloroethene	4.557	130	42	0.007	ppbv #	39
39) 1,2-Dichloropropane	3.968	63	50648	8.457	ppbv #	20
40) 1,4-Dioxane	4.667	88	36	0.013	ppbv #	100
41) Tetrahydrofuran	3.068	42	17	0.003	ppbv #	34
42) Bromodichloromethane	4.505	83	290	0.019	ppbv #	61
43) Methyl Methacrylate	4.900	69	195	0.033	ppbv #	18
44) 2,2,4-Trimethylpentane	4.645	57	394	0.015	ppbv #	33
45) t-1,3-Dichloropropene	6.402	75	33	0.004	ppbv #	42

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042499.D
 Acq On : 06 May 2025 16:32
 Operator : SY/MD
 Sample : MDL2 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

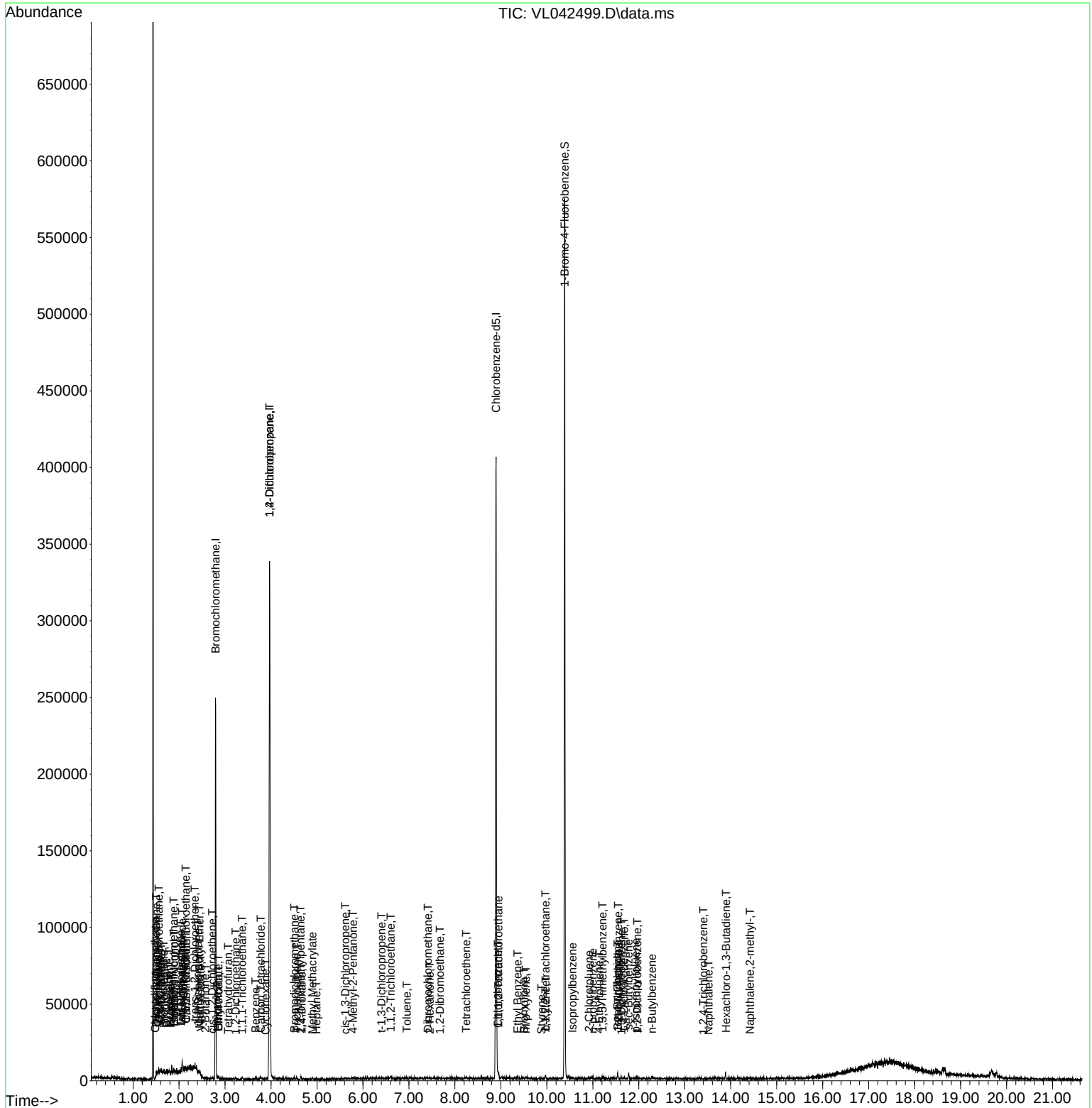
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.03

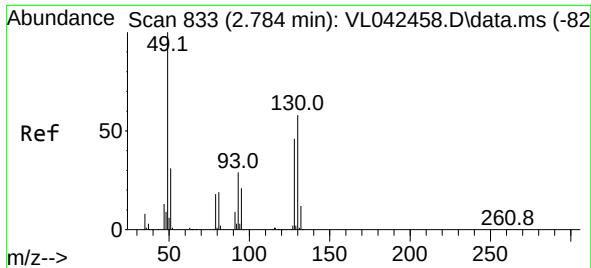
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.612	75	65	0.007	ppbv #	68
47) 1,1,2-Trichloroethane	6.603	97	119	0.018	ppbv #	38
48) Dibromochloromethane	7.409	129	104	0.009	ppbv #	10
49) Bromoform	9.503	173	55	0.006	ppbv #	28
50) 4-Methyl-2-Pentanone	5.784	43	98	0.006	ppbv #	38
51) 2-Hexanone	7.454	43	27	0.002	ppbv #	31
52) Tetrachloroethene	8.244	164	93	0.015	ppbv #	56
53) Toluene	6.952	91	280	0.017	ppbv #	21
54) 1,2-Dibromoethane	7.677	107	182	0.018	ppbv #	20
56) 1,1,1,2-Tetrachloroethane	8.946	131	141	0.017	ppbv #	10
57) Chlorobenzene	8.933	112	252	0.018	ppbv #	18
58) Ethyl Benzene	9.364	91	301	0.013	ppbv	97
59) m/p-Xylene	9.545	91	469	0.024	ppbv #	33
60) o-Xylene	9.975	91	113	0.006	ppbv #	35
61) Styrene	9.885	104	52	0.007	ppbv #	1
62) Isopropylbenzene	10.555	105	156	0.005	ppbv #	52
63) 1,1,2,2-Tetrachloroethane	9.972	83	254	0.019	ppbv #	75
64) n-propylbenzene	11.001	120	159	0.023	ppbv #	63
65) tert-Butylbenzene	11.535	119	353	0.014	ppbv #	95
66) Benzyl Chloride	11.542	91	121	0.041	ppbv #	66
67) sec-Butylbenzene	11.775	105	555	0.015	ppbv #	44
69) p-Isopropyltoluene	11.930	119	470	0.015	ppbv #	70
70) n-Butylbenzene	12.290	91	188	0.006	ppbv #	51
71) 2-Chlorotoluene	10.917	91	528	0.023	ppbv	70
72) 4-Ethyltoluene	11.137	105	265	0.011	ppbv #	64
73) 1,3,5-Trimethylbenzene	11.212	105	543	0.026	ppbv #	56
74) 1,2,4-Trimethylbenzene	11.548	105	337	0.014	ppbv #	49
75) 1,3-Dichlorobenzene	11.626	146	57	0.004	ppbv #	22
76) 1,4-Dichlorobenzene	11.681	146	95	0.007	ppbv #	52
77) 1,2-Dichlorobenzene	11.966	146	43	0.003	ppbv #	22
78) Hexachloro-1,3-Butadiene	13.898	225	49	0.004	ppbv #	1
79) Naphthalene	13.516	128	116	0.006	ppbv #	50
80) Naphthalene,2-methyl-	14.419	142	25	0.002	ppbv #	30
81) 1,2,4-Trichlorobenzene	13.406	180	35	0.003	ppbv #	81

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

Quant Time: May 07 02:46:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 02 03:16:31 2025
Response via : Initial Calibration

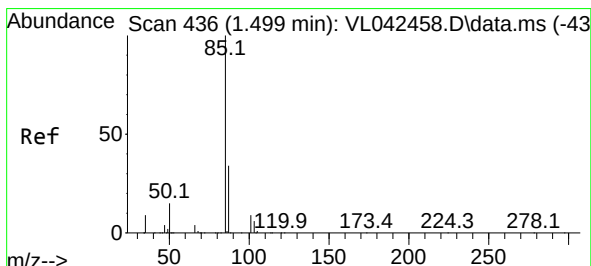
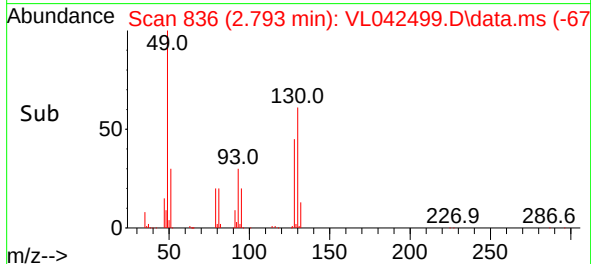
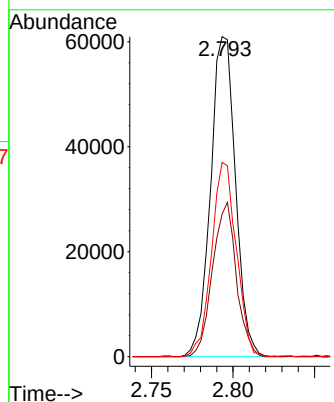
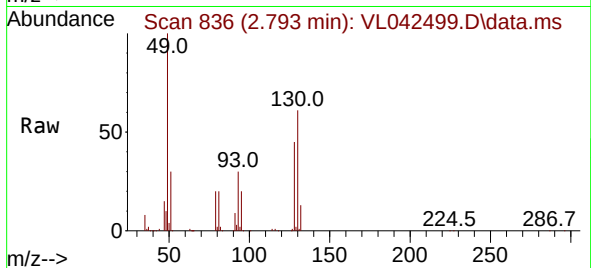




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.009 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

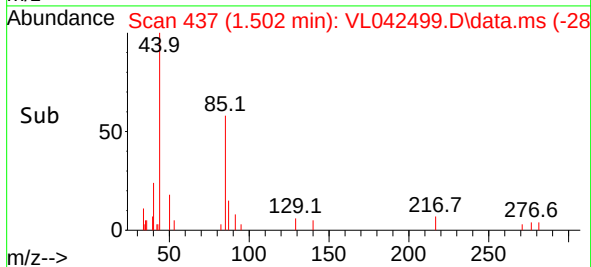
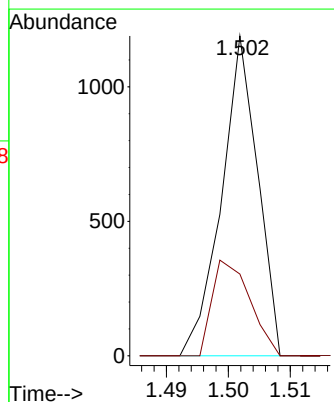
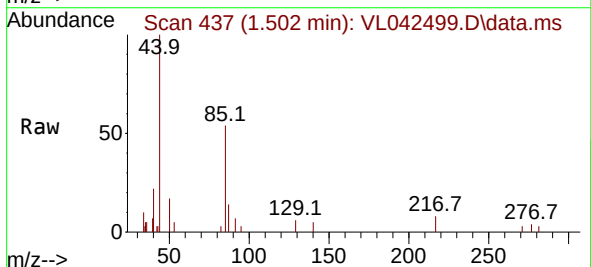
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

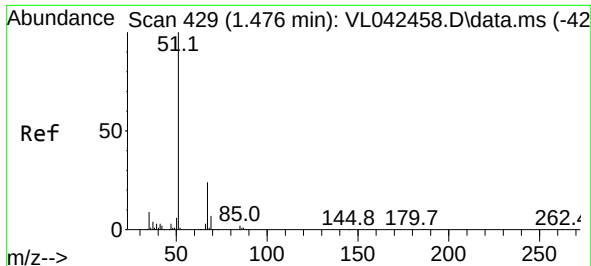
Tgt Ion: 49 Resp: 64942
Ion Ratio Lower Upper
49 100
128 46.0 23.3 69.9
130 60.2 29.5 88.6



#2
Dichlorodifluoromethane
Concen: 0.045 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

Tgt Ion: 85 Resp: 482
Ion Ratio Lower Upper
85 100
87 25.6 26.9 40.3#

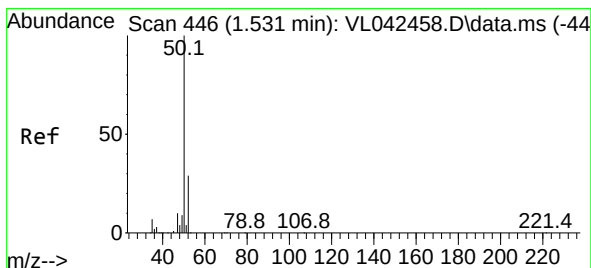
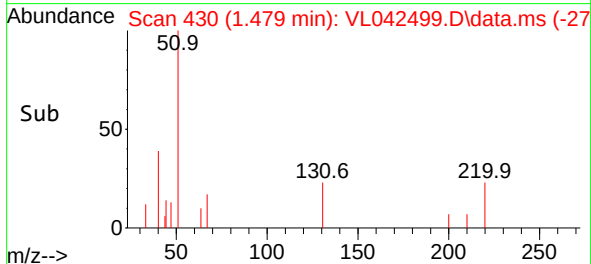
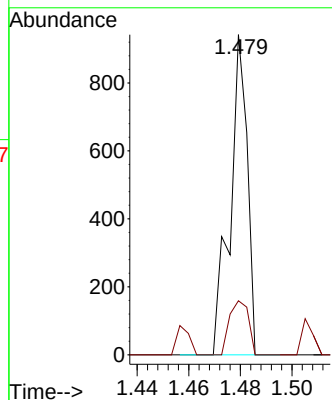
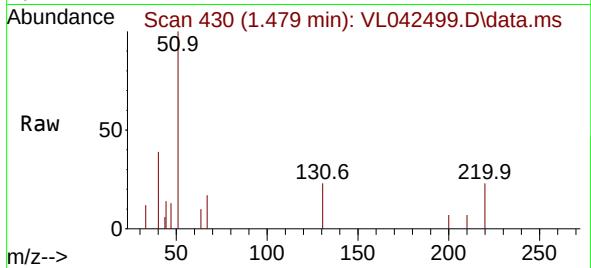




#3
Chlorodifluoromethane
Concen: 0.038 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

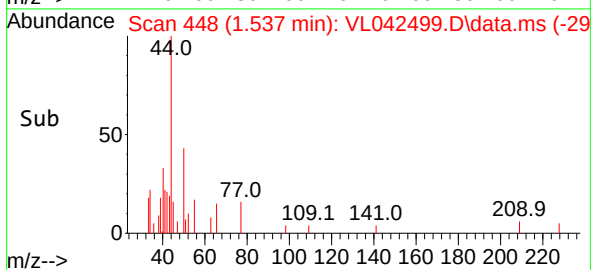
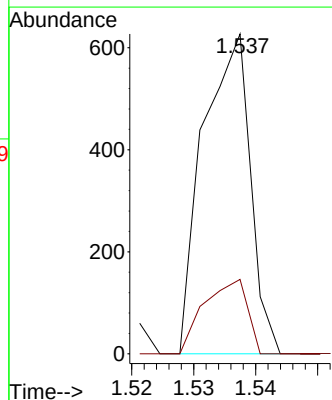
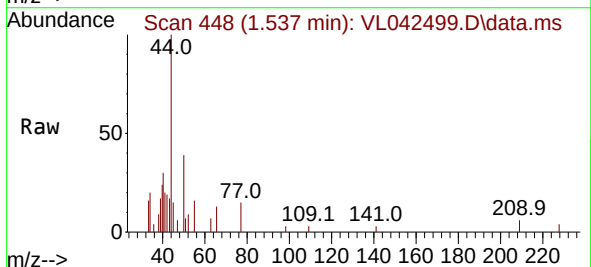
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

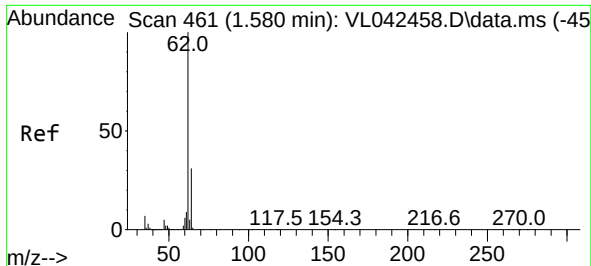
Tgt Ion: 51 Resp: 435
Ion Ratio Lower Upper
51 100
67 18.6 18.4 27.6



#4
Chloromethane
Concen: 0.074 ppbv
RT: 1.537 min Scan# 448
Delta R.T. 0.006 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

Tgt Ion: 50 Resp: 331
Ion Ratio Lower Upper
50 100
52 20.0 23.5 35.3#

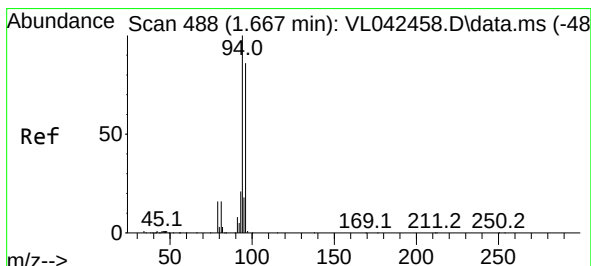
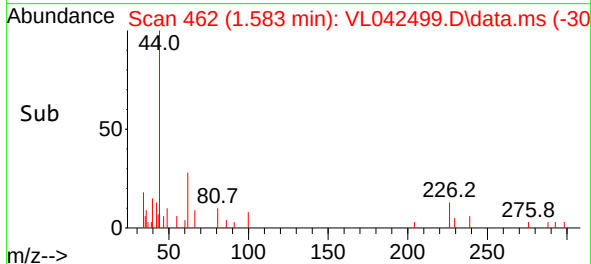
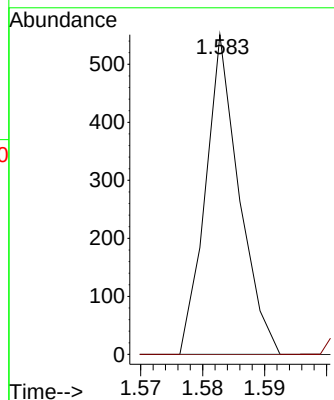
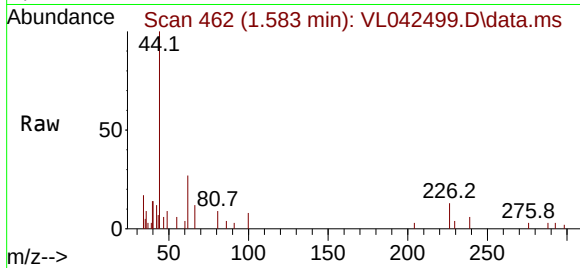




#5
 Vinyl Chloride
 Concen: 0.046 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.003 min
 Lab File: VL042499.D
 Acq: 06 May 2025 16:32

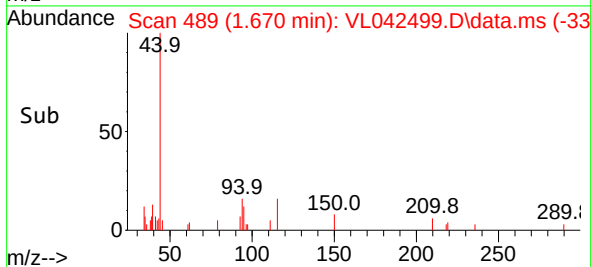
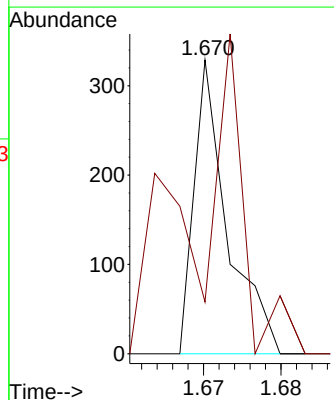
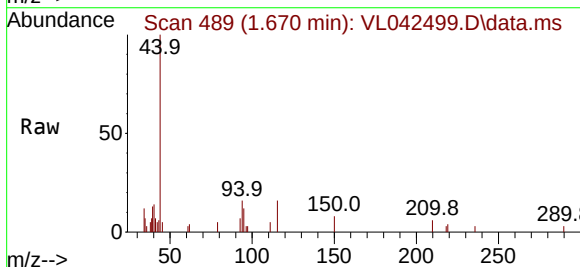
Instrument :
 MSVOA_L
 ClientSampleId :
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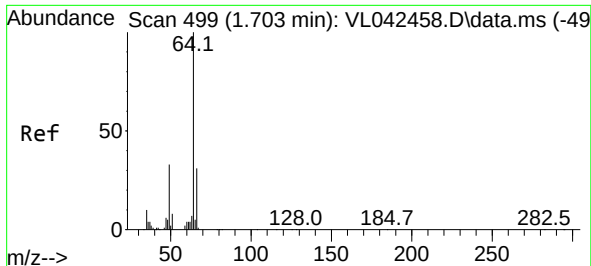
Tgt Ion: 62 Resp: 209
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.9 37.3#



#6
 Bromomethane
 Concen: 0.046 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL042499.D
 Acq: 06 May 2025 16:32

Tgt Ion: 94 Resp: 98
 Ion Ratio Lower Upper
 94 100
 96 0.0 68.8 103.2#

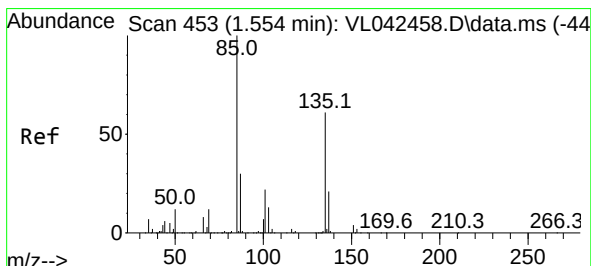
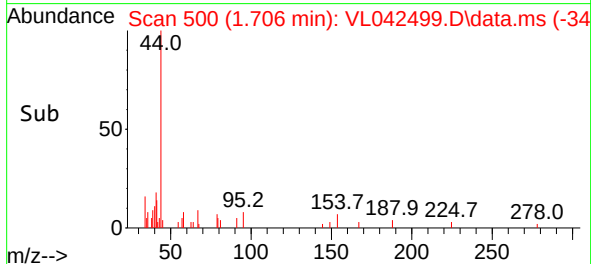
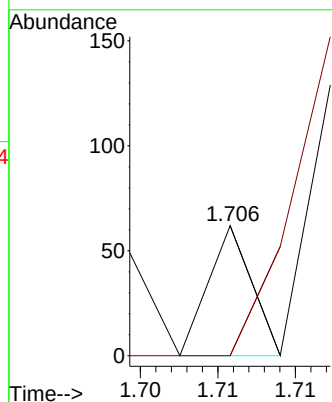
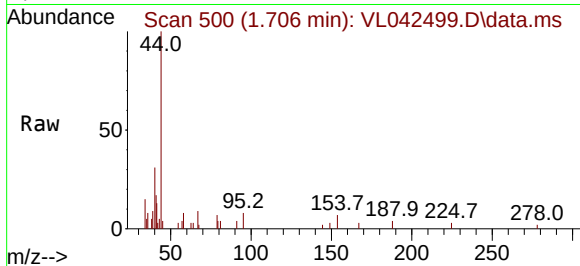




#7
Chloroethane
Concen: 0.007 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

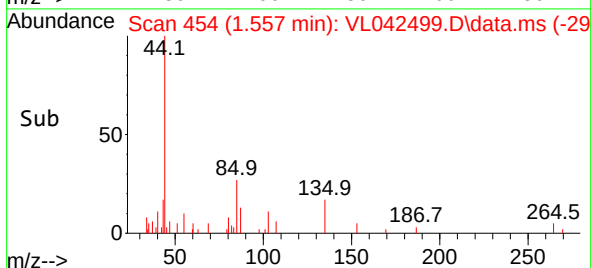
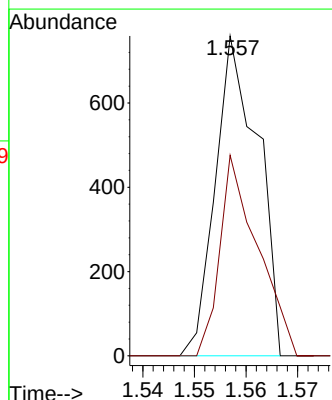
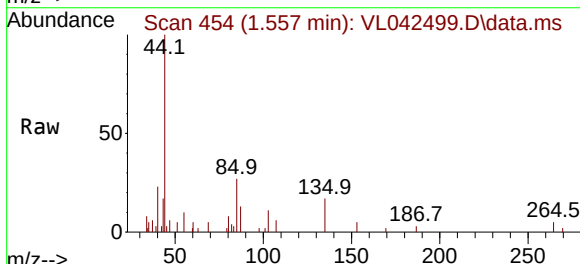
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

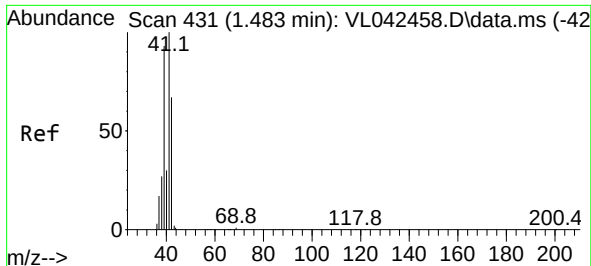
Tgt Ion: 64 Resp: 12
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#8
Dichlorotetrafluoroethane
Concen: 0.049 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

Tgt Ion: 85 Resp: 434
Ion Ratio Lower Upper
85 100
135 56.0 49.8 74.8





#9

Propene

Concen: 0.114 ppbv

RT: 1.822 min Scan# 51

Delta R.T. 0.340 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

Instrument :

MSVOA_L

ClientSampleId :

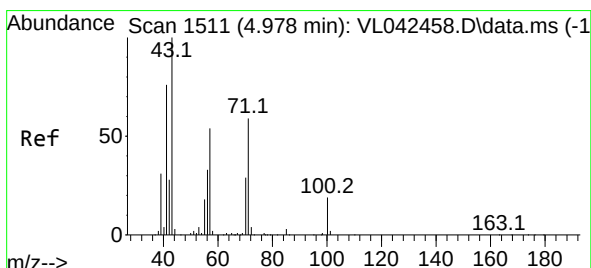
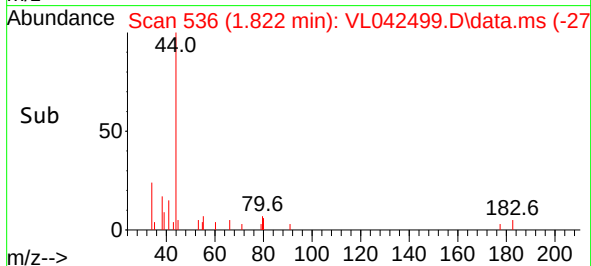
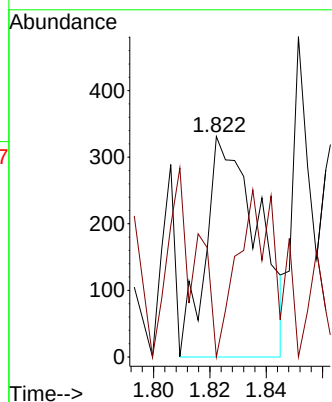
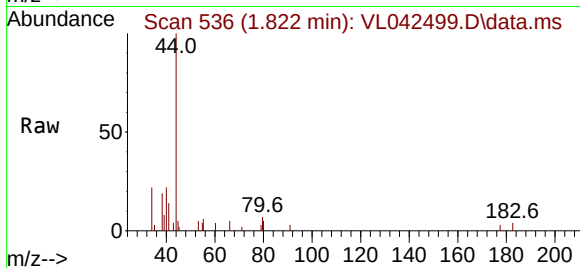
MDL2 0.03

Tgt Ion: 41 Resp: 425

Ion Ratio Lower Upper

41 100

42 57.2 54.3 81.5



#10

Heptane

Concen: 0.012 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. 0.010 min

Lab File: VL042499.D

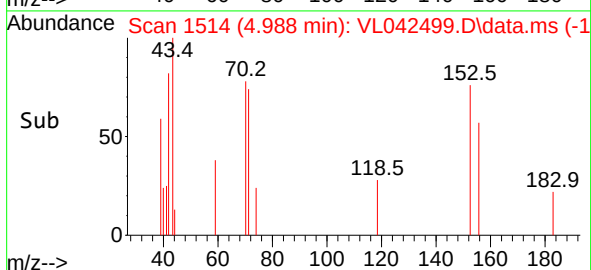
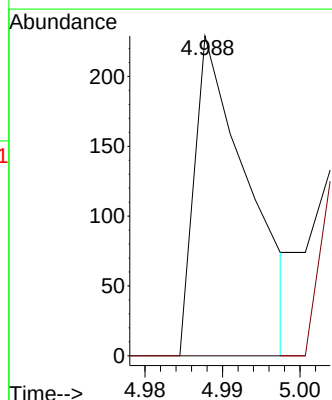
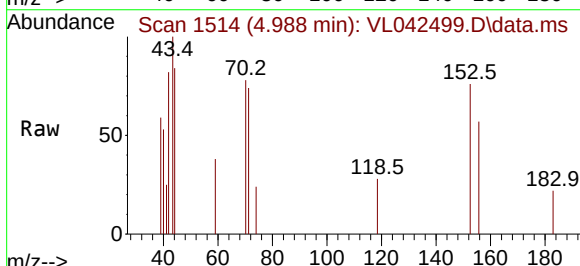
Acq: 06 May 2025 16:32

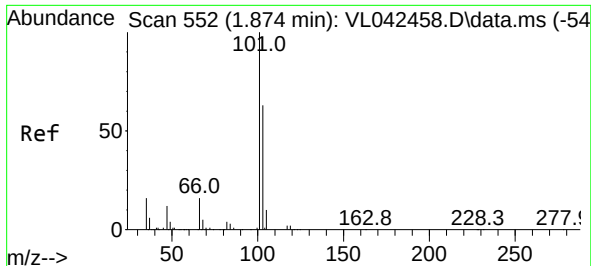
Tgt Ion: 43 Resp: 111

Ion Ratio Lower Upper

43 100

57 0.0 41.8 62.8#

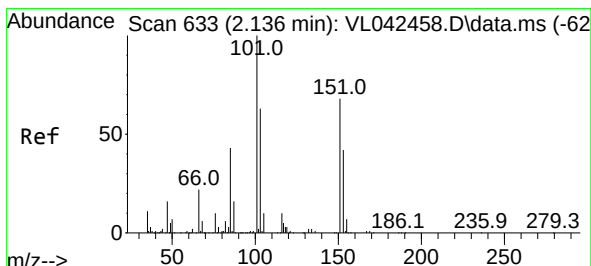
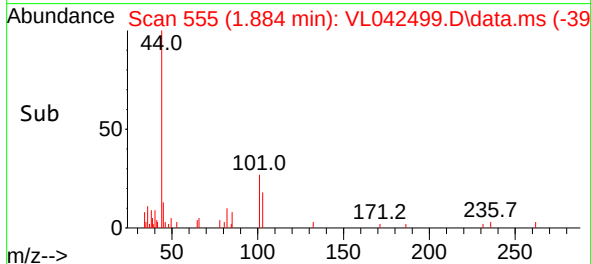
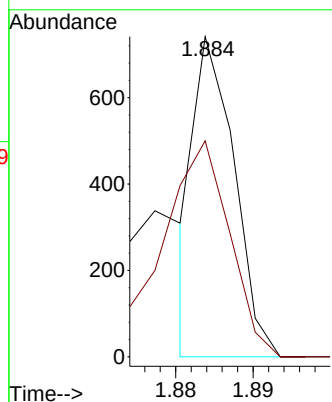
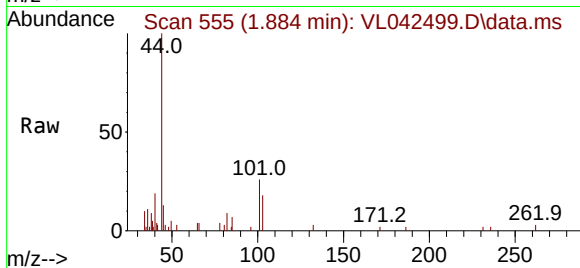




#11
Trichlorofluoromethane
Concen: 0.027 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.010 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

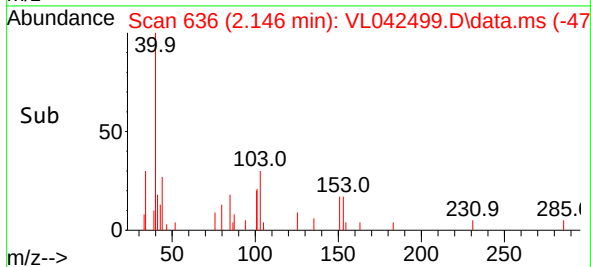
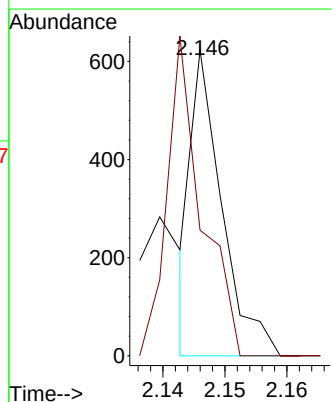
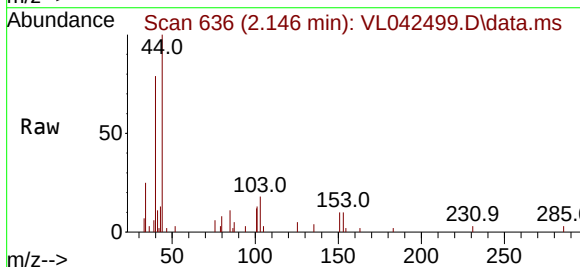
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

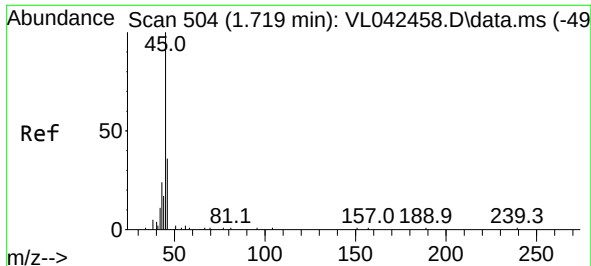
Tgt Ion:101 Resp: 263
Ion Ratio Lower Upper
101 100
103 67.5 50.6 76.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.027 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.010 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

Tgt Ion:101 Resp: 214
Ion Ratio Lower Upper
101 100
151 116.8 54.6 82.0#

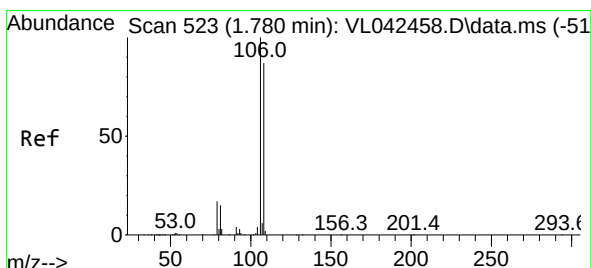
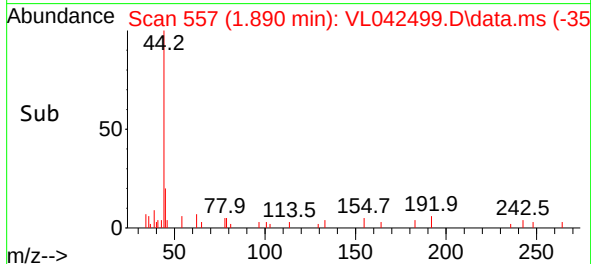
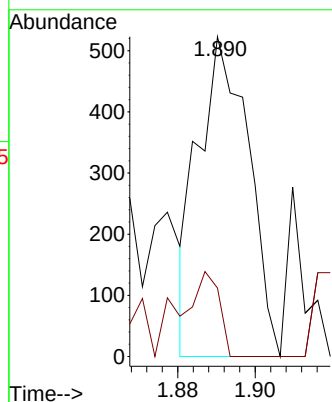
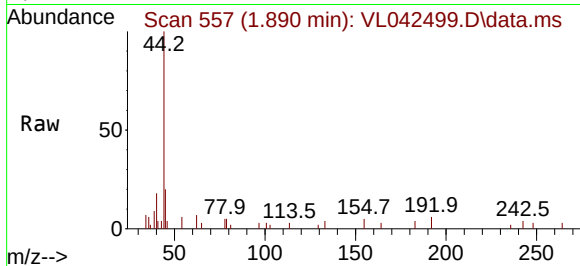




#13
 Ethanol
 Concen: 0.625 ppbv
 RT: 1.890 min Scan# 51
 Delta R.T. 0.171 min
 Lab File: VL042499.D
 Acq: 06 May 2025 16:32

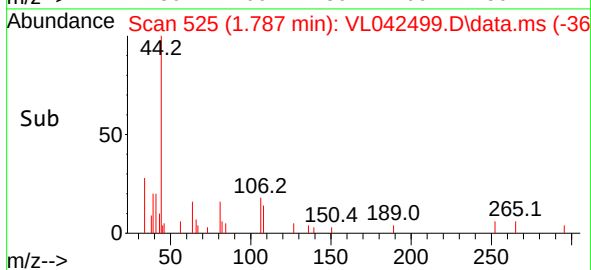
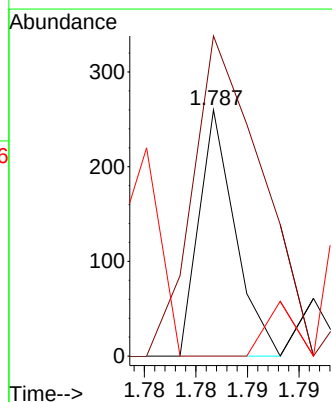
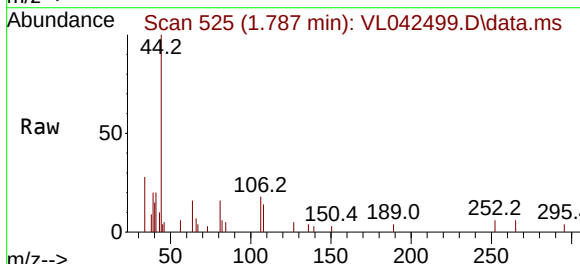
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.03

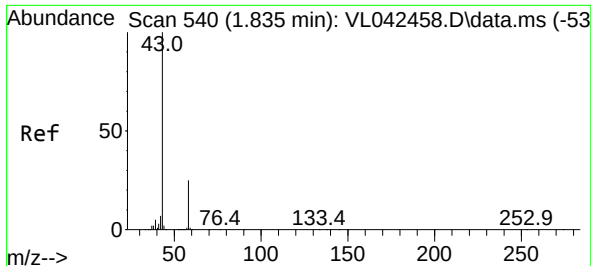
Tgt Ion: 45 Resp: 471
 Ion Ratio Lower Upper
 45 100
 46 0.0 15.3 61.1#



#14
 Bromoethene
 Concen: 0.022 ppbv
 RT: 1.787 min Scan# 525
 Delta R.T. 0.006 min
 Lab File: VL042499.D
 Acq: 06 May 2025 16:32

Tgt Ion: 108 Resp: 63
 Ion Ratio Lower Upper
 108 100
 106 284.1 88.8 133.2#
 79 117.5 17.1 25.7#





#15

Acetone

Concen: 0.145 ppbv

RT: 1.838 min Scan# 541

Delta R.T. 0.003 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

Instrument :

MSVOA_L

ClientSampleId :

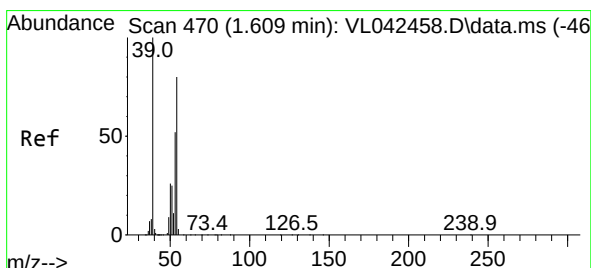
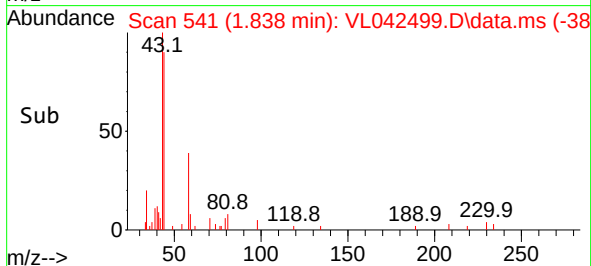
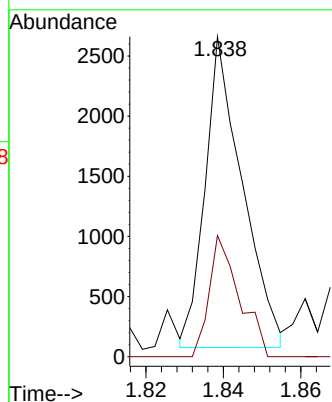
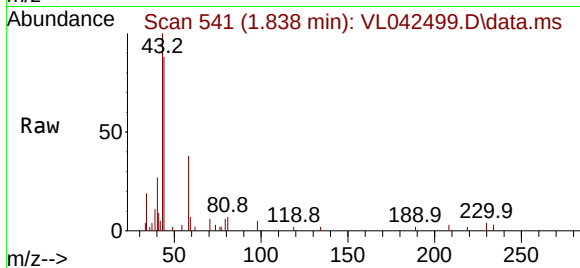
MDL2 0.03

Tgt Ion: 43 Resp: 1721

Ion Ratio Lower Upper

43 100

58 31.5 19.8 29.8#



#16

1,3-Butadiene

Concen: 0.034 ppbv

RT: 1.612 min Scan# 471

Delta R.T. 0.003 min

Lab File: VL042499.D

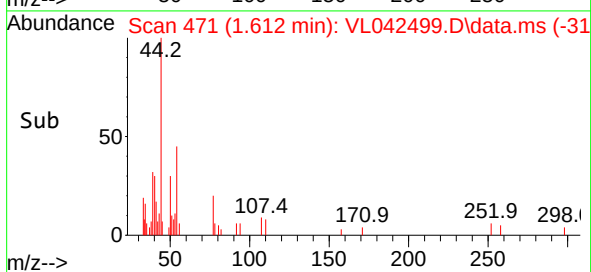
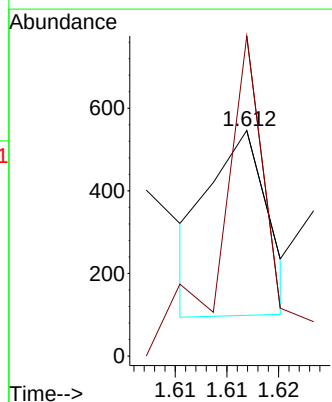
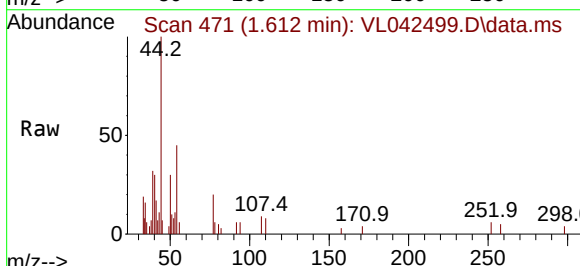
Acq: 06 May 2025 16:32

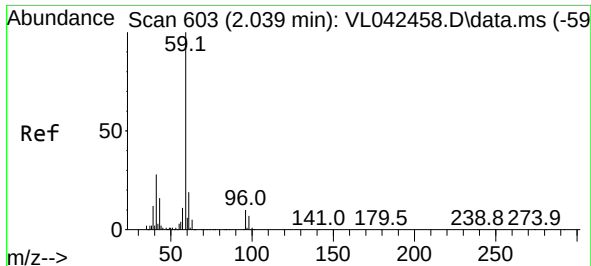
Tgt Ion: 39 Resp: 176

Ion Ratio Lower Upper

39 100

54 138.6 55.2 82.8#





#17

tert-Butyl alcohol

Concen: 0.043 ppbv

RT: 2.049 min Scan# 606

Delta R.T. 0.010 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

Instrument :

MSVOA_L

ClientSampleId :

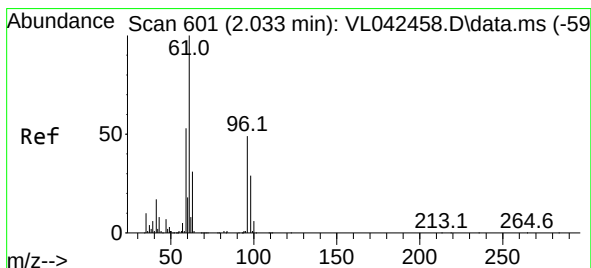
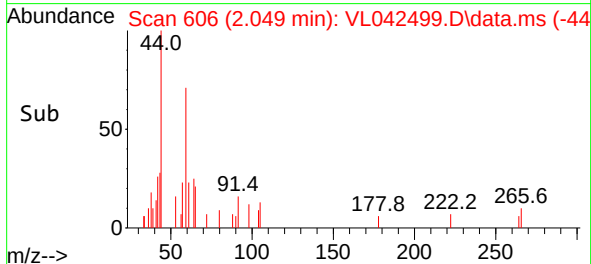
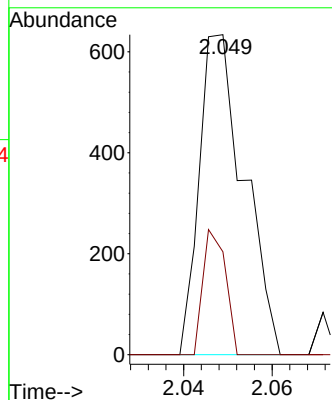
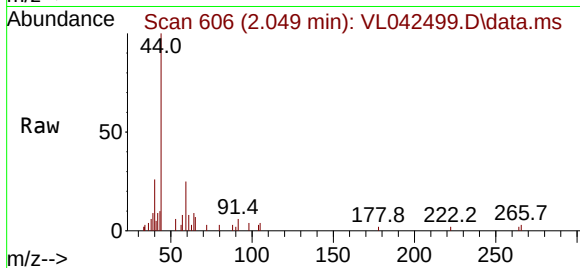
MDL2 0.03

Tgt Ion: 59 Resp: 447

Ion Ratio Lower Upper

59 100

57 19.7 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 0.028 ppbv

RT: 2.039 min Scan# 603

Delta R.T. 0.006 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

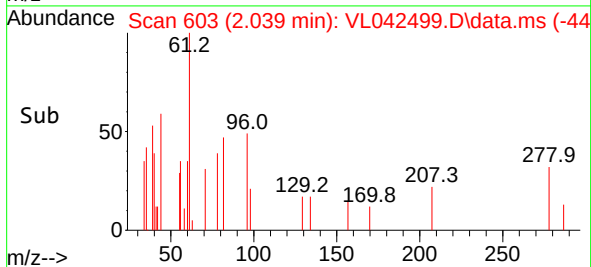
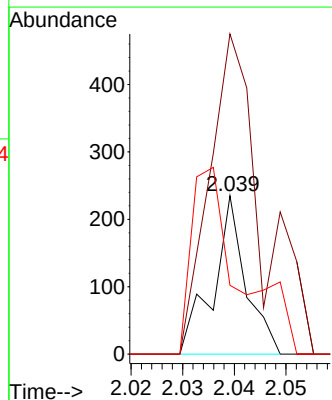
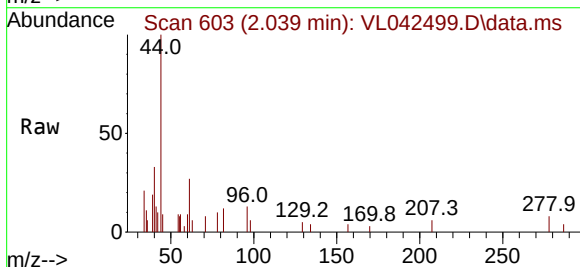
Tgt Ion: 96 Resp: 103

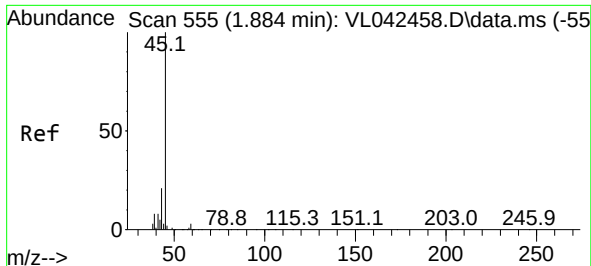
Ion Ratio Lower Upper

96 100

61 202.1 164.9 247.3

98 43.4 48.2 72.2#





#19

Isopropyl Alcohol

Concen: 0.072 ppbv

RT: 1.890 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

Instrument :

MSVOA_L

ClientSampleId :

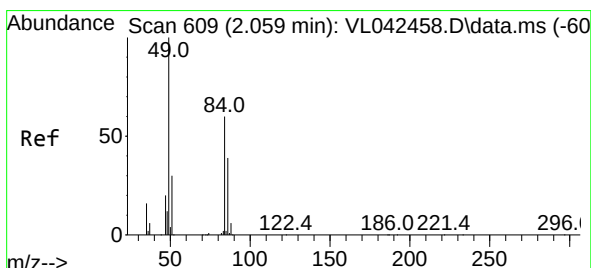
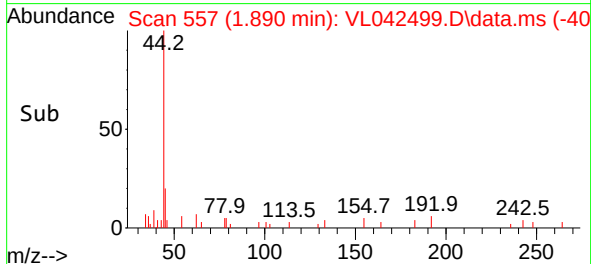
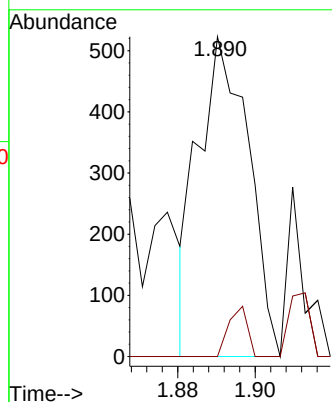
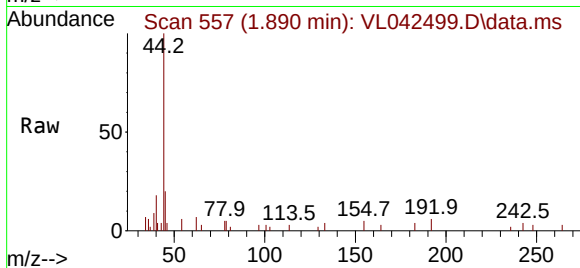
MDL2 0.03

Tgt Ion: 45 Resp: 471

Ion Ratio Lower Upper

45 100

58 14.2 1.6 2.4#



#20

Methylene Chloride

Concen: 0.226 ppbv

RT: 2.068 min Scan# 612

Delta R.T. 0.010 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

Tgt Ion: 84 Resp: 806

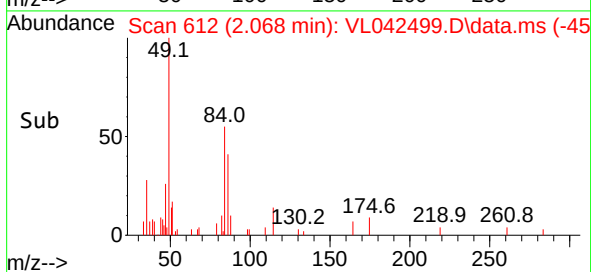
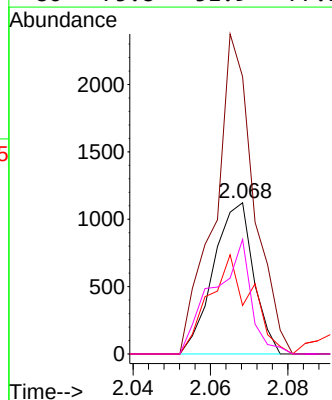
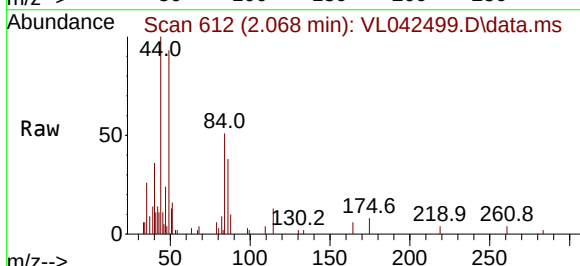
Ion Ratio Lower Upper

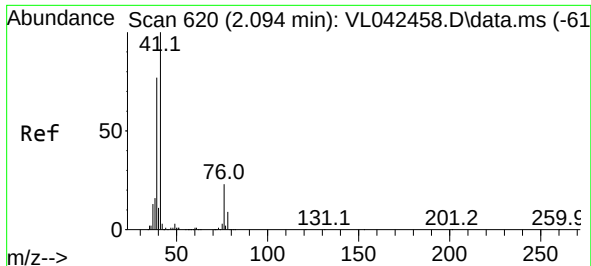
84 100

49 183.4 133.9 200.9

51 32.1 41.0 61.6#

86 75.8 51.9 77.9

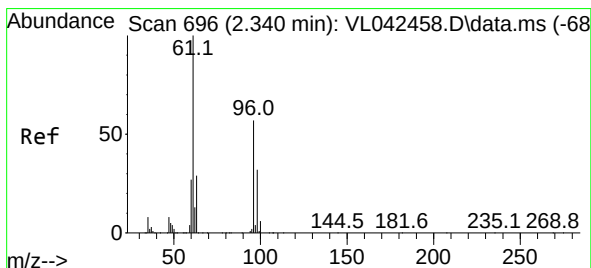
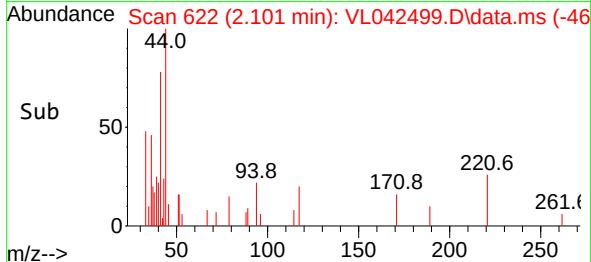
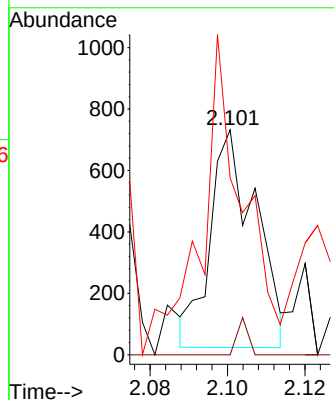
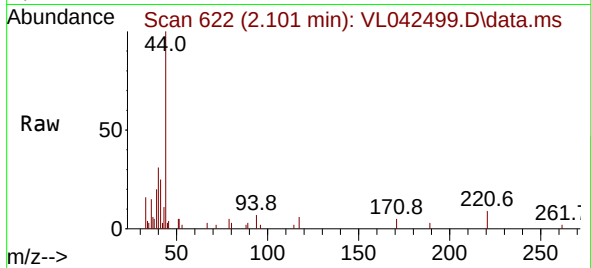




#21
 Allyl Chloride
 Concen: 0.076 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VL042499.D
 Acq: 06 May 2025 16:32

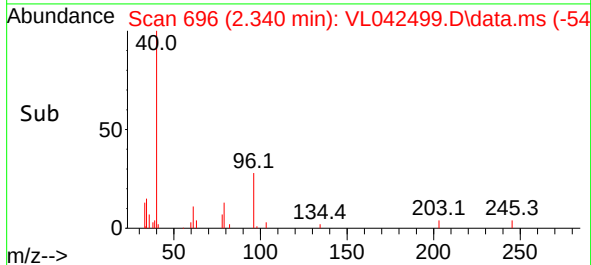
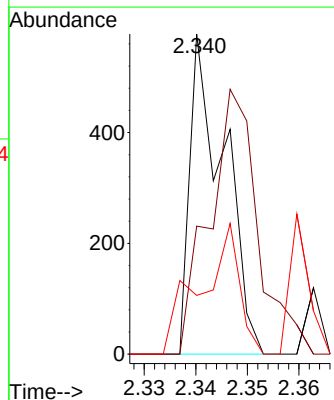
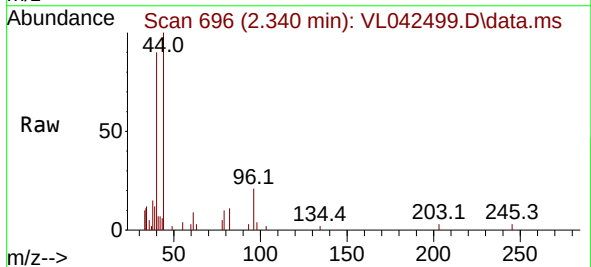
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL2 0.03

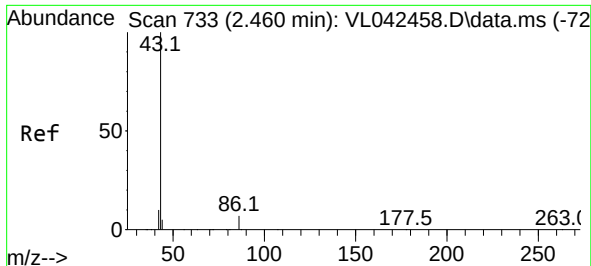
Tgt Ion: 41 Resp: 579
 Ion Ratio Lower Upper
 41 100
 76 4.0 19.6 29.4#
 39 177.5 61.0 91.4#



#22
 trans-1,2-Dichloroethene
 Concen: 0.062 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VL042499.D
 Acq: 06 May 2025 16:32

Tgt Ion: 96 Resp: 266
 Ion Ratio Lower Upper
 96 100
 61 40.0 141.8 212.6#
 98 18.3 45.0 67.6#





#23

Vinyl Acetate

Concen: 0.024 ppbv

RT: 2.470 min Scan# 719

Delta R.T. 0.010 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.03

Tgt Ion: 43 Resp: 274

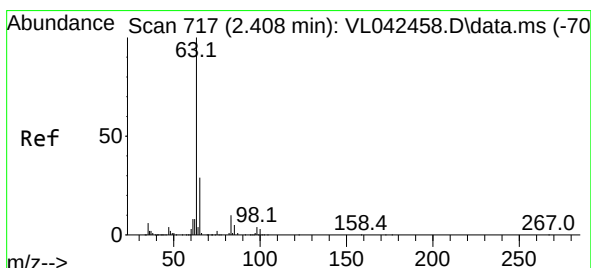
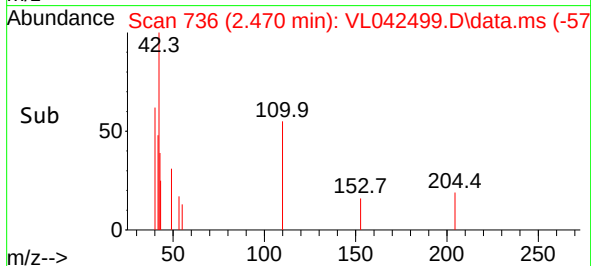
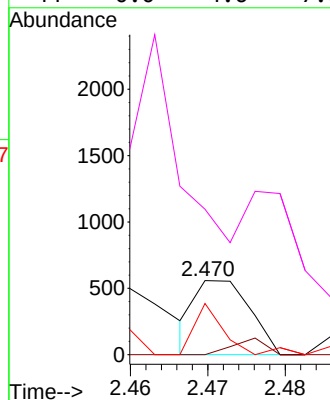
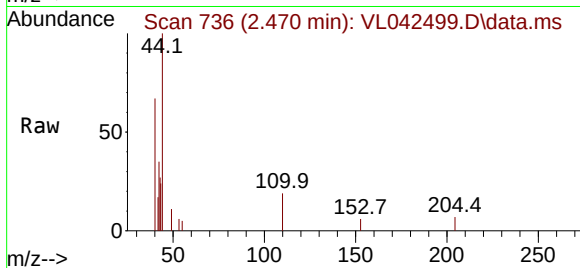
Ion Ratio Lower Upper

43 100

86 0.0 5.5 8.3#

42 69.2 8.3 12.5#

44 0.0 4.6 7.0#



#24

1,1-Dichloroethane

Concen: 0.056 ppbv

RT: 2.415 min Scan# 719

Delta R.T. 0.006 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

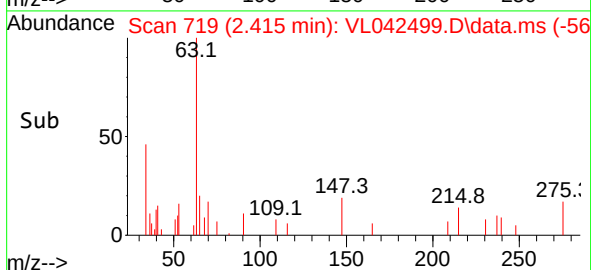
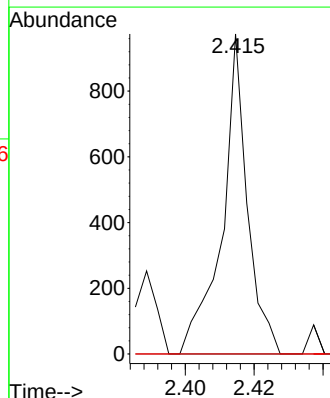
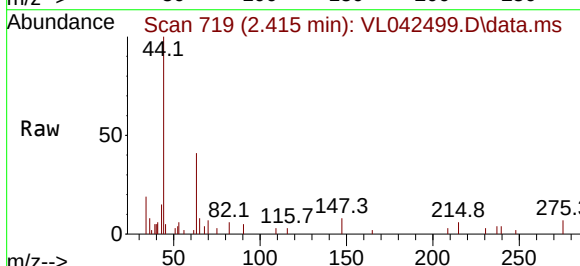
Tgt Ion: 63 Resp: 495

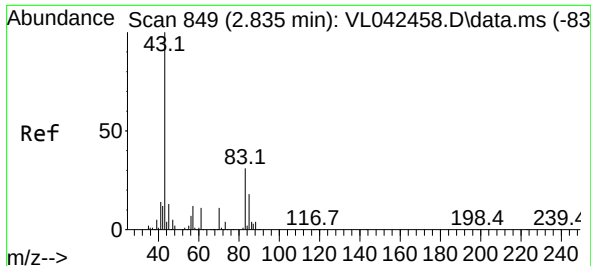
Ion Ratio Lower Upper

63 100

98 0.0 1.8 5.5#

100 0.0 1.4 4.2#

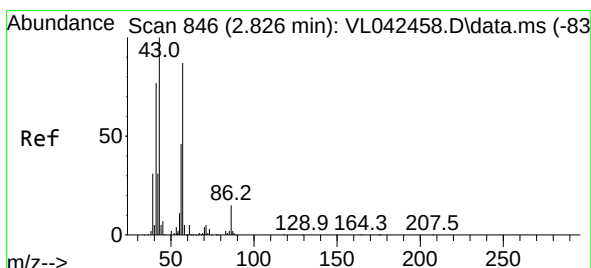
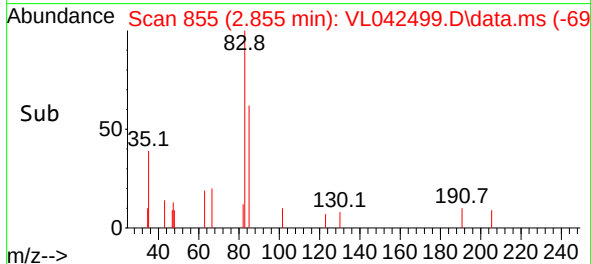
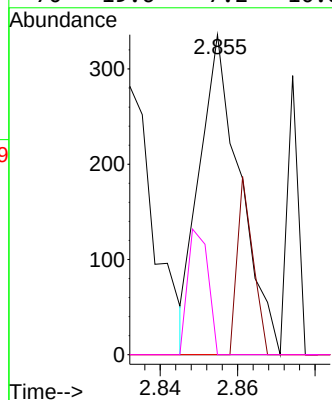
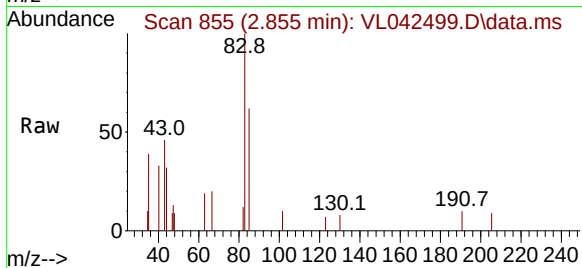




#25
Ethyl Acetate
Concen: 0.013 ppbv
RT: 2.855 min Scan# 81
Delta R.T. 0.019 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

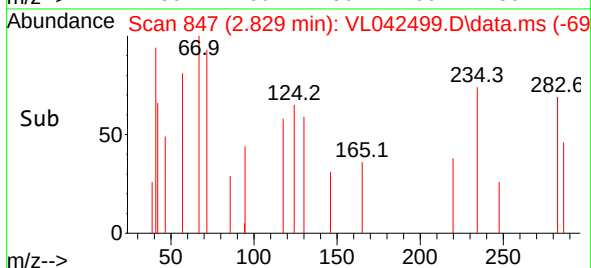
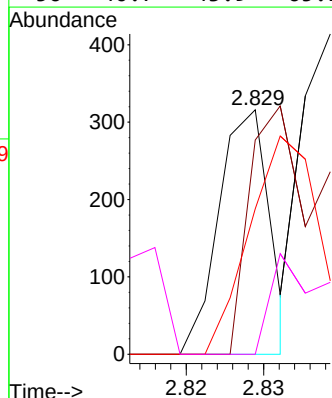
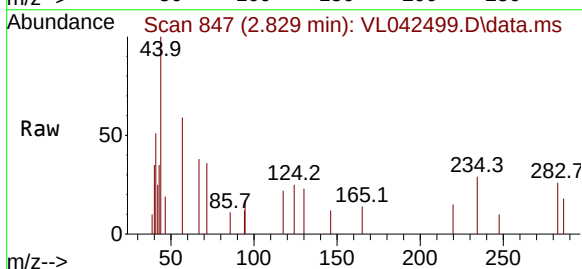
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

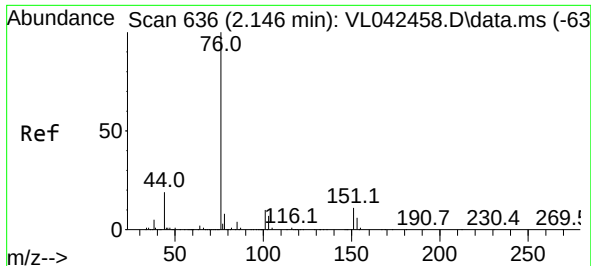
Tgt Ion: 43	Resp: 245
Ion Ratio	Lower Upper
43 100	
45 0.0	7.8 11.6#
61 0.0	7.2 10.8#
70 19.6	7.2 10.8#



#26
Hexane
Concen: 0.018 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.003 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

Tgt Ion: 57	Resp: 145
Ion Ratio	Lower Upper
57 100	
41 146.9	77.8 116.8#
43 25.5	187.0 280.6#
56 40.7	43.9 65.9#





#27

Carbon Disulfide

Concen: 0.022 ppbv

RT: 2.156 min Scan# 61

Delta R.T. 0.010 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

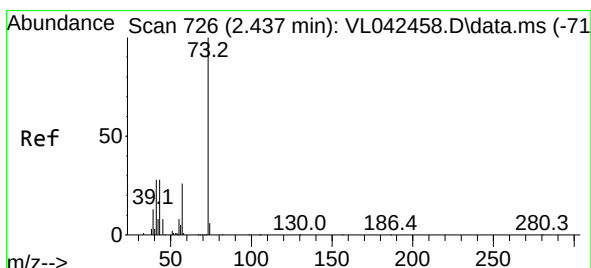
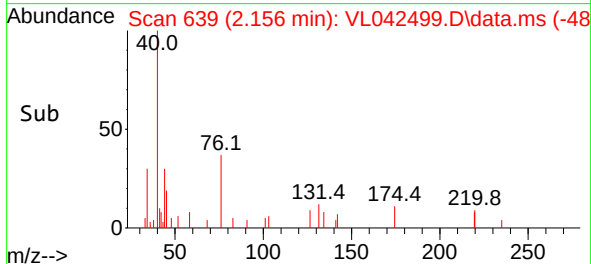
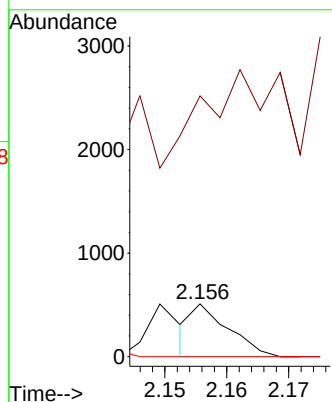
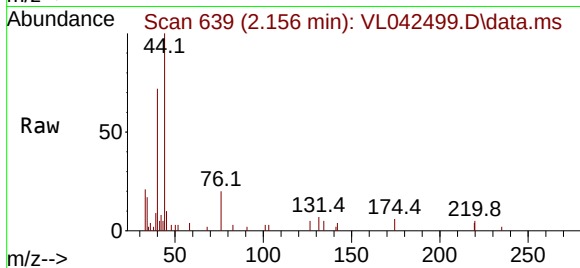
Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.03

Tgt Ion: 76	Resp: 211
Ion Ratio	Lower Upper
76	100
44	2324.2 21.0 31.6#
78	0.0 8.6 13.0#



#28

Methyl tert-Butyl Ether

Concen: 0.010 ppbv

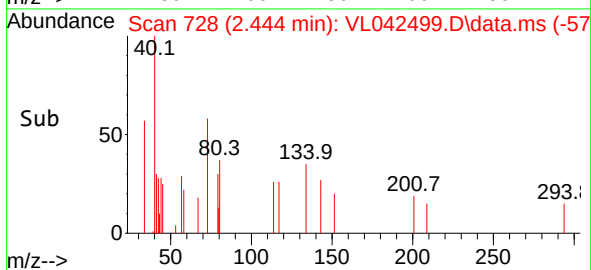
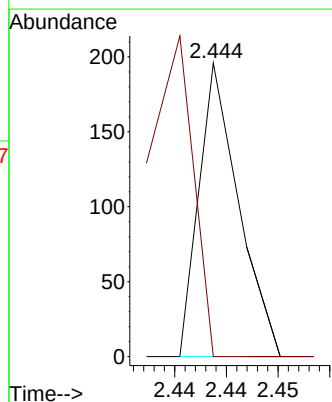
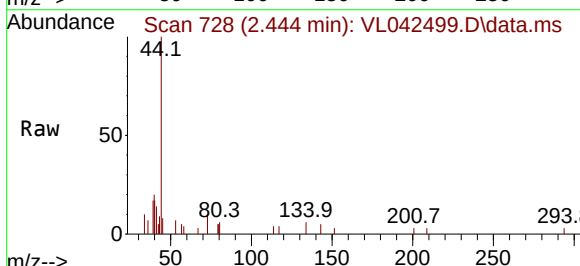
RT: 2.444 min Scan# 728

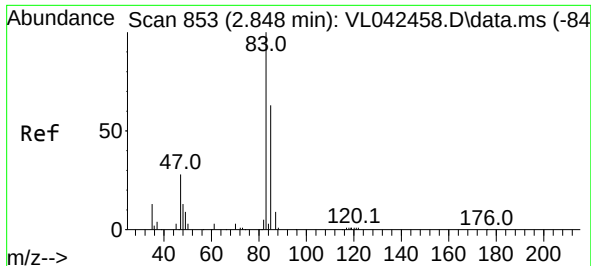
Delta R.T. 0.006 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

Tgt Ion: 73	Resp: 52
Ion Ratio	Lower Upper
73	100
57	211.5 19.9 29.9#





#29

Chloroform

Concen: 0.038 ppbv

RT: 2.855 min Scan# 855

Delta R.T. 0.006 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

Instrument :

MSVOA_L

ClientSampleId :

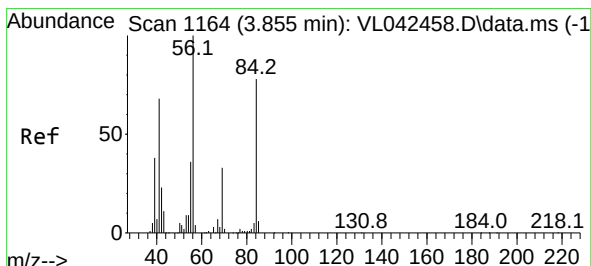
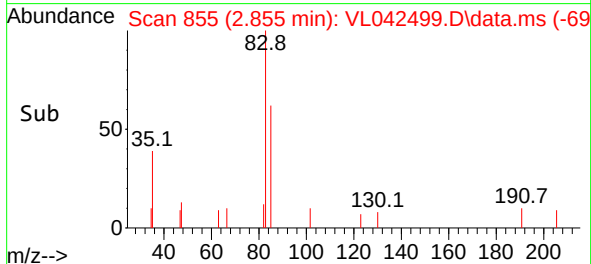
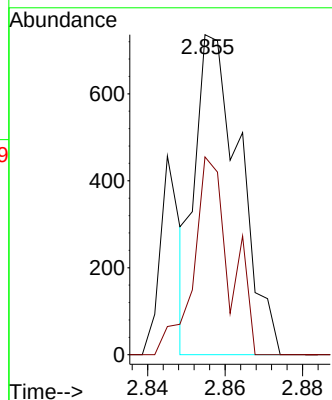
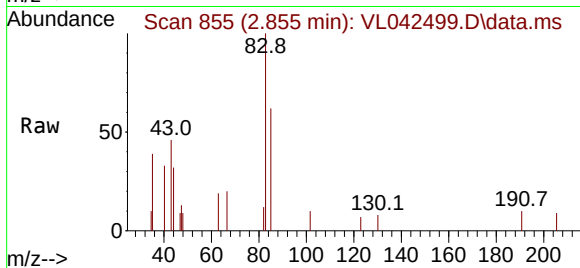
MDL2 0.03

Tgt Ion: 83 Resp: 586

Ion Ratio Lower Upper

83 100

85 61.8 50.4 75.6



#30

Cyclohexane

Concen: 0.003 ppbv

RT: 3.878 min Scan# 1171

Delta R.T. 0.023 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

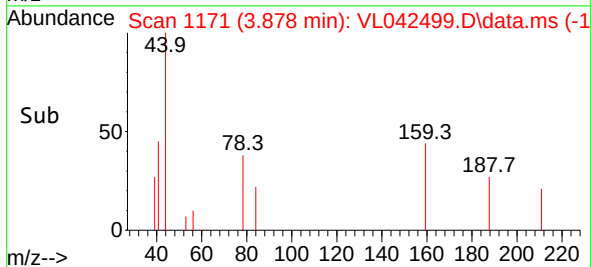
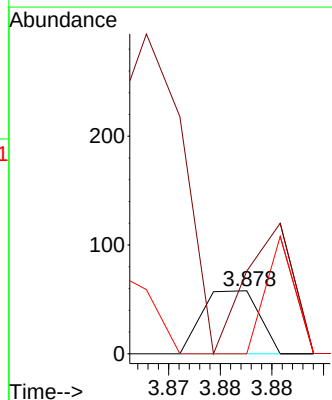
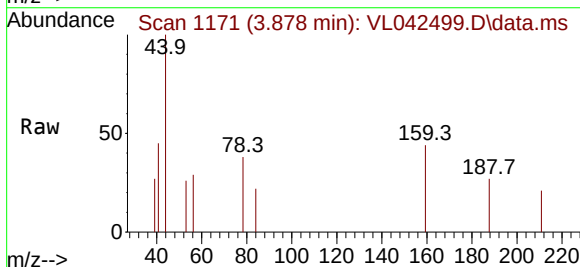
Tgt Ion: 84 Resp: 22

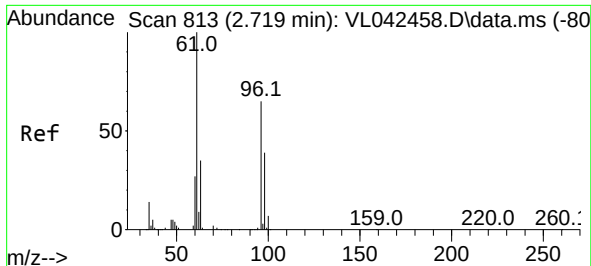
Ion Ratio Lower Upper

84 100

56 1368.2 98.1 147.1#

41 218.2 65.8 98.8#

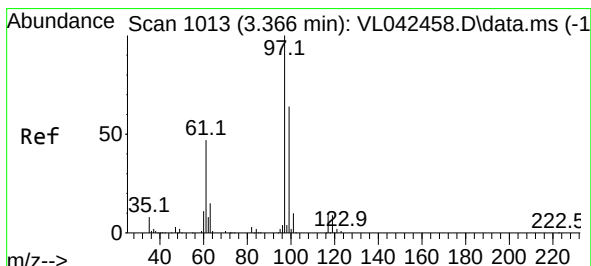
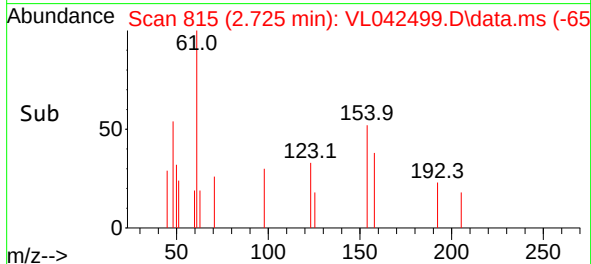
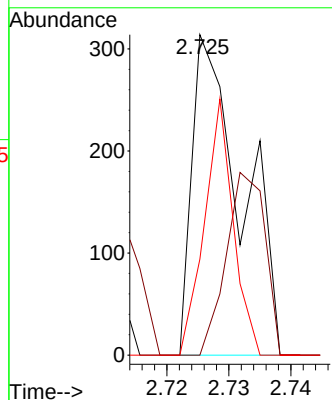
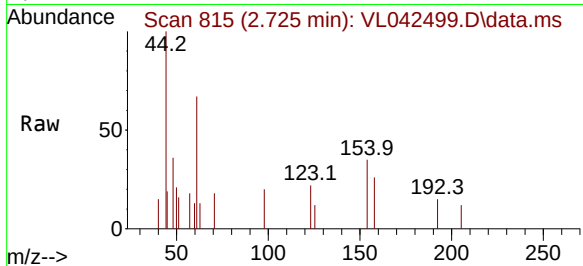




#31
 cis-1,2-Dichloroethene
 Concen: 0.018 ppbv
 RT: 2.725 min Scan# 813
 Delta R.T. 0.006 min
 Lab File: VL042499.D
 Acq: 06 May 2025 16:32

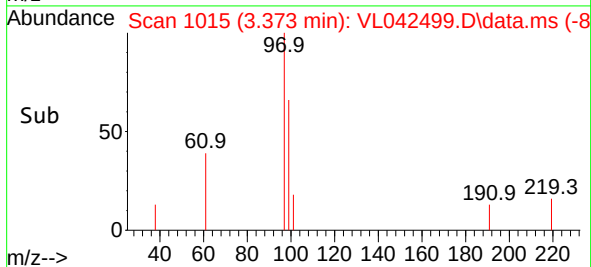
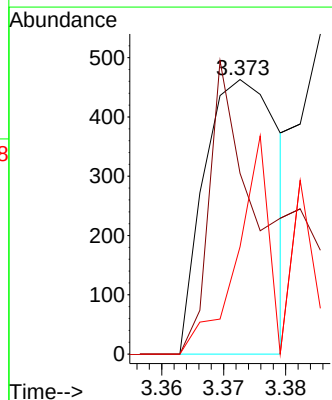
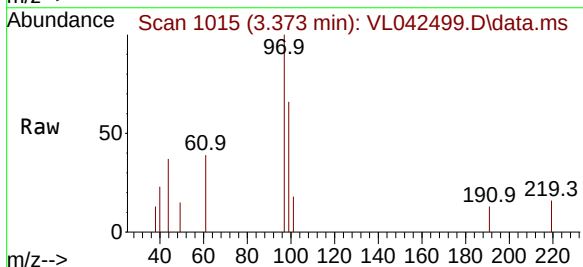
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.03

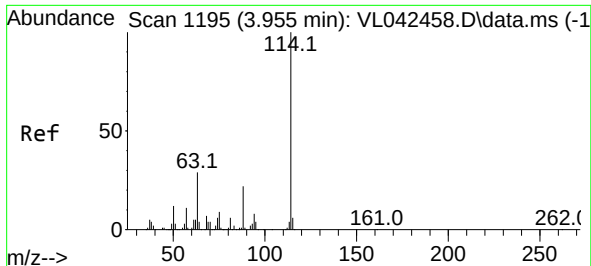
Tgt Ion: 61 Resp: 174
 Ion Ratio Lower Upper
 61 100
 96 0.0 52.0 78.0#
 98 29.9 31.0 46.6#



#32
 1,1,1-Trichloroethane
 Concen: 0.023 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.006 min
 Lab File: VL042499.D
 Acq: 06 May 2025 16:32

Tgt Ion: 97 Resp: 385
 Ion Ratio Lower Upper
 97 100
 99 107.3 50.7 76.1#
 61 51.9 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: VL042499.D

Acq: 06 May 2025 16:32

Instrument :

MSVOA_1

ClientSampleId :

MDL2 0.03

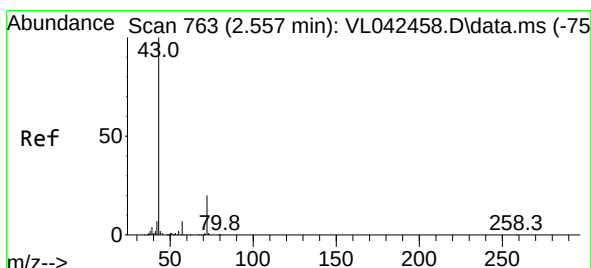
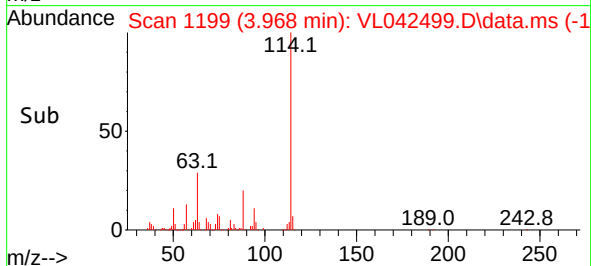
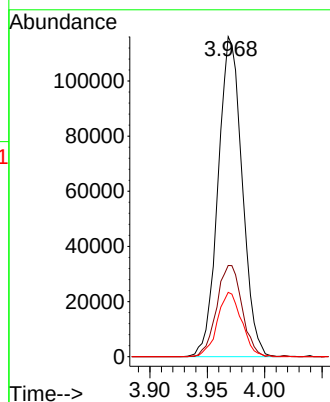
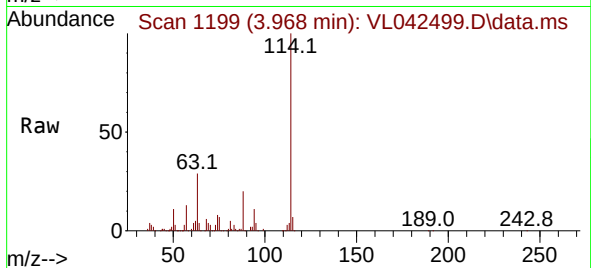
Tgt Ion:114 Resp: 169525

Ion Ratio Lower Upper

114 100

63 30.1 23.1 34.7

88 20.3 16.1 24.1



#34

2-Butanone

Concen: 0.030 ppbv

RT: 2.570 min Scan# 767

Delta R.T. 0.013 min

Lab File: VL042499.D

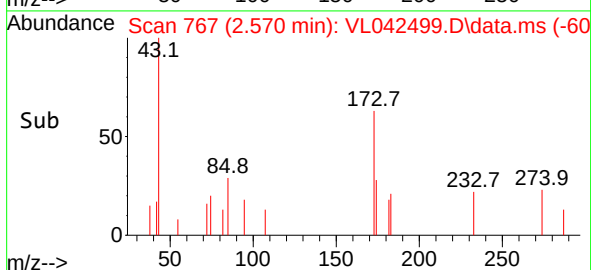
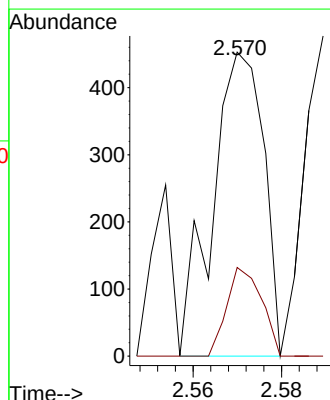
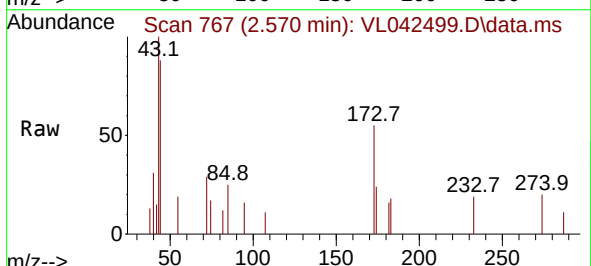
Acq: 06 May 2025 16:32

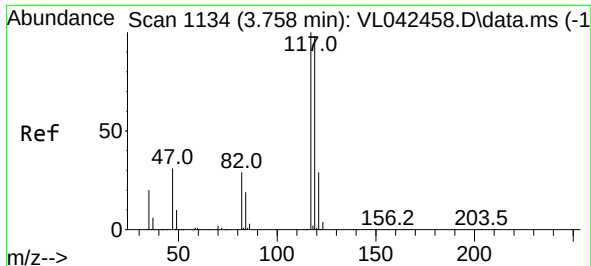
Tgt Ion: 43 Resp: 364

Ion Ratio Lower Upper

43 100

72 19.8 16.7 25.1

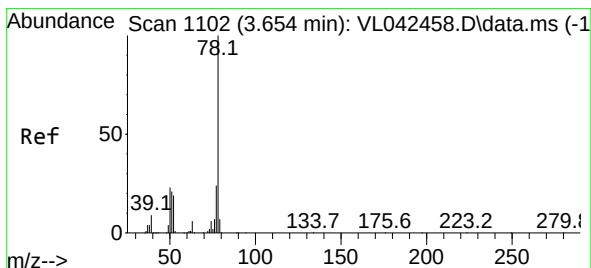
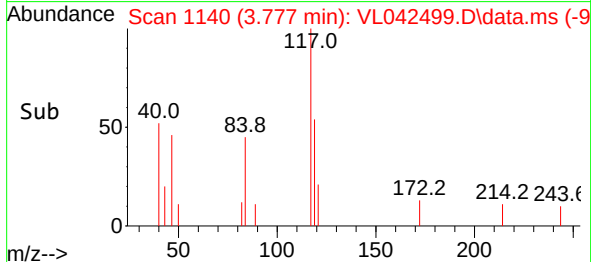
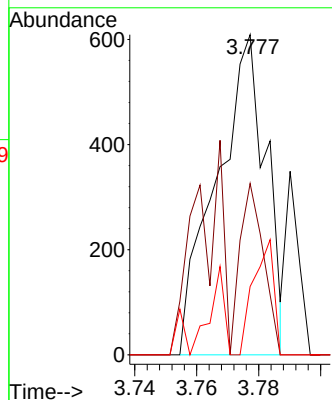
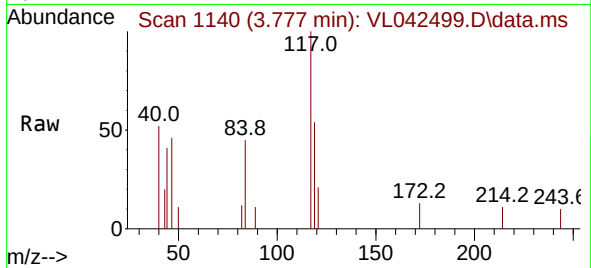




#35
Carbon Tetrachloride
Concen: 0.044 ppbv
RT: 3.777 min Scan# 1134
Delta R.T. 0.019 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

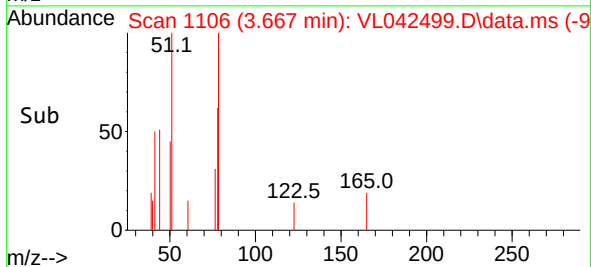
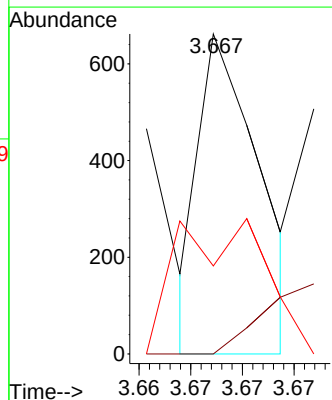
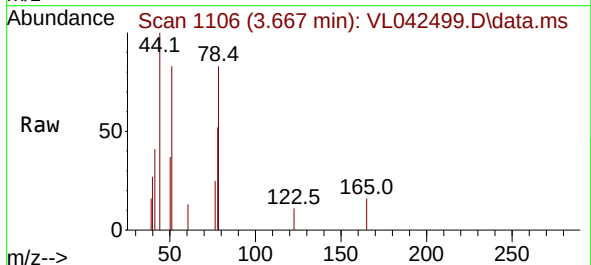
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

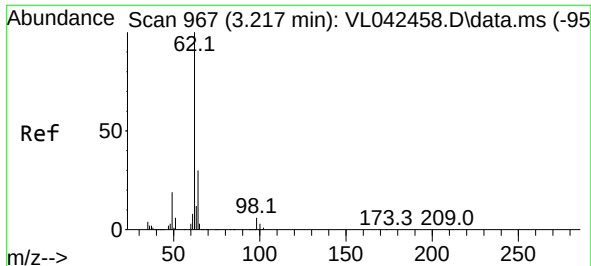
Tgt Ion:117 Resp: 675
Ion Ratio Lower Upper
117 100
119 53.5 78.1 117.1#
121 21.3 23.0 34.6#



#36
Benzene
Concen: 0.017 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. 0.013 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

Tgt Ion: 78 Resp: 269
Ion Ratio Lower Upper
78 100
77 0.0 18.9 28.3#
50 12.9 18.4 27.6#





#37

1,2-Dichloroethane

Concen: 0.011 ppbv

RT: 3.233 min Scan# 91

Delta R.T. 0.016 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

Instrument :

MSVOA_L

ClientSampleId :

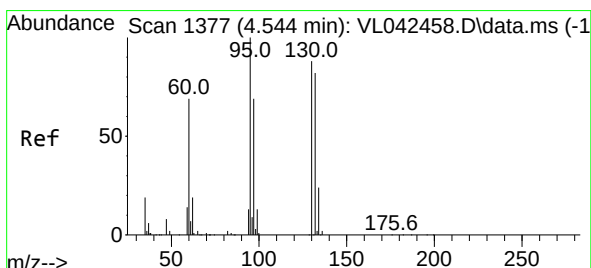
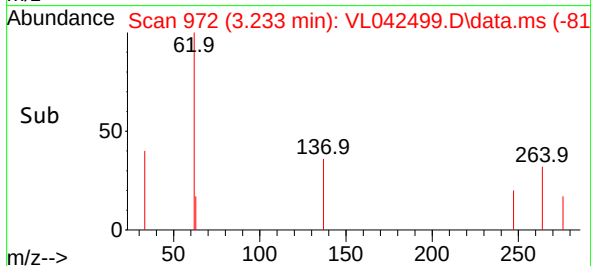
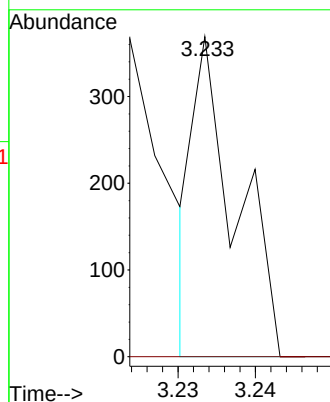
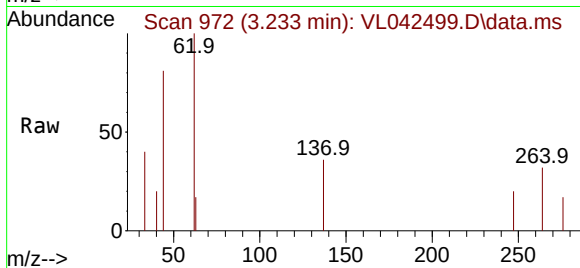
MDL2 0.03

Tgt Ion: 62 Resp: 138

Ion Ratio Lower Upper

62 100

98 0.0 4.3 6.5#



#38

Trichloroethene

Concen: 0.007 ppbv

RT: 4.557 min Scan# 1381

Delta R.T. 0.013 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

Tgt Ion:130 Resp: 42

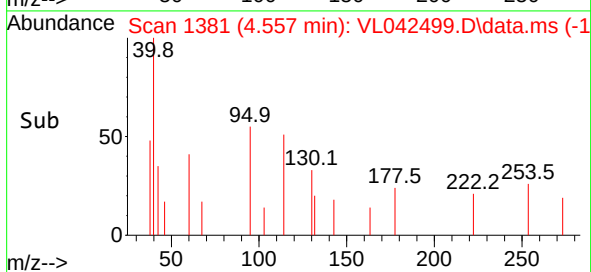
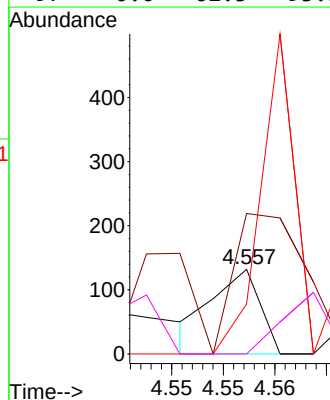
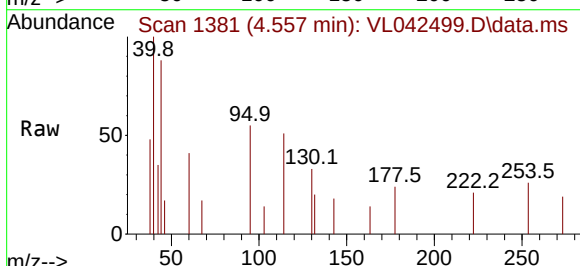
Ion Ratio Lower Upper

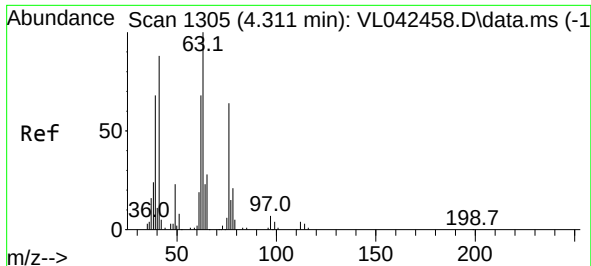
130 100

95 47.0 91.0 136.4#

132 59.1 74.2 111.4#

97 0.0 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 8.457 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. -0.343 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.03

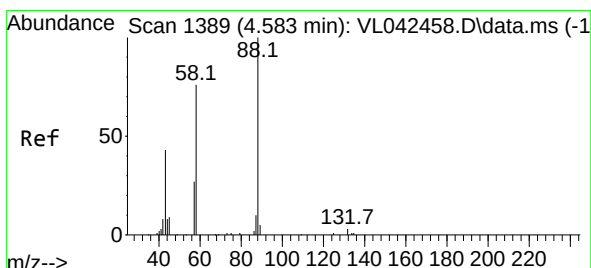
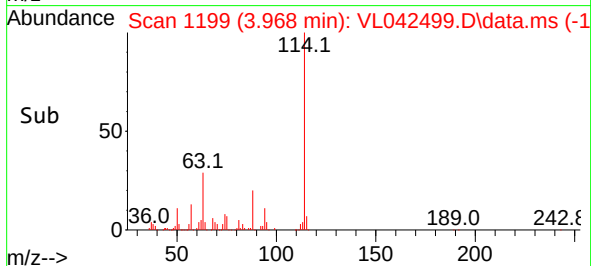
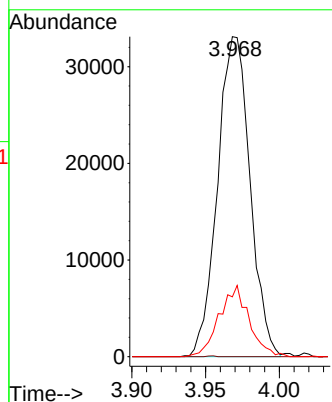
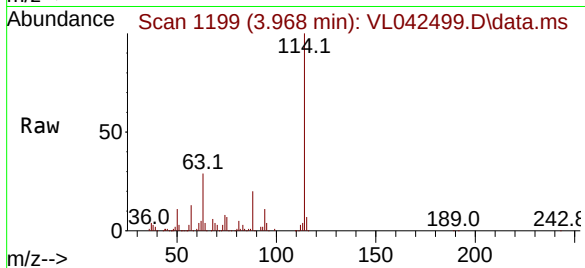
Tgt Ion: 63 Resp: 50648

Ion Ratio Lower Upper

63 100

41 0.0 69.8 104.6#

62 18.7 54.3 81.5#



#40

1,4-Dioxane

Concen: 0.013 ppbv

RT: 4.667 min Scan# 1415

Delta R.T. 0.084 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

Tgt Ion: 88 Resp: 36

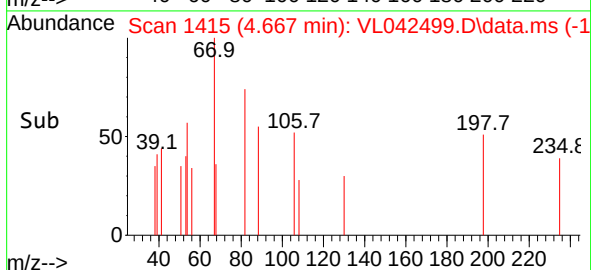
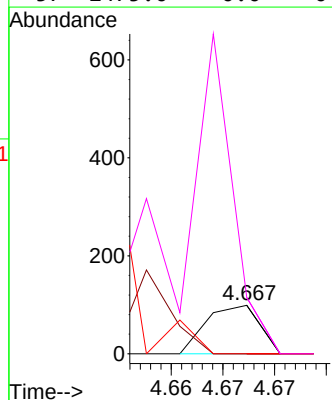
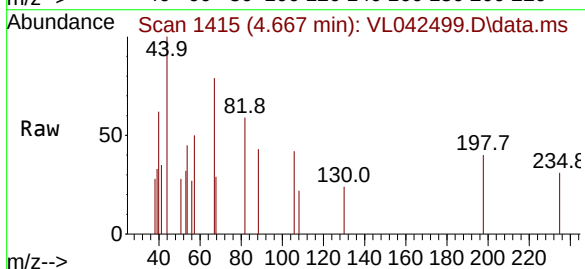
Ion Ratio Lower Upper

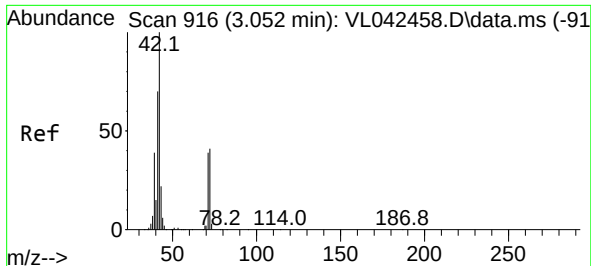
88 100

58 122.2 0.0 0.0#

43 433.3 0.0 0.0#

57 2475.0 0.0 0.0#

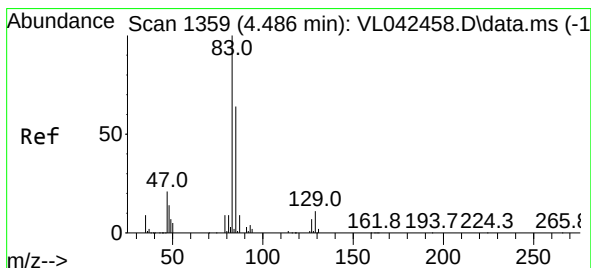
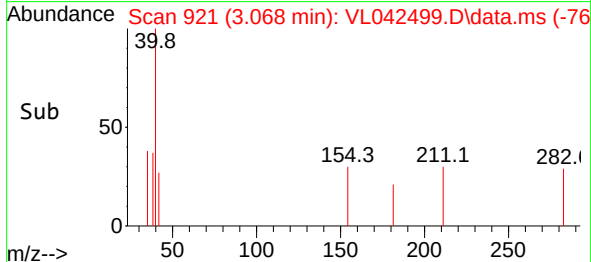
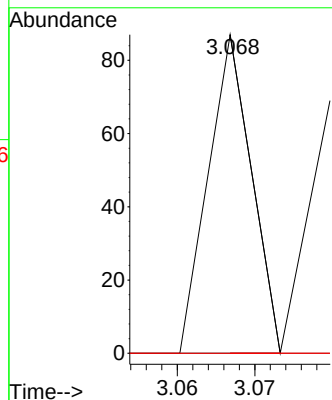
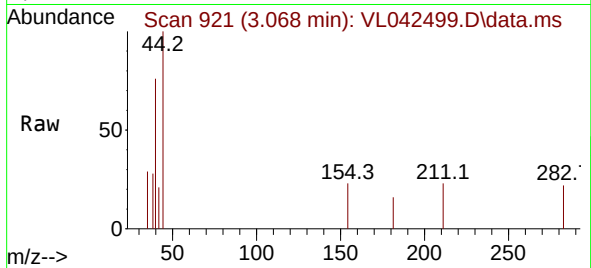




#41
Tetrahydrofuran
Concen: 0.003 ppbv
RT: 3.068 min Scan# 916
Delta R.T. 0.016 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

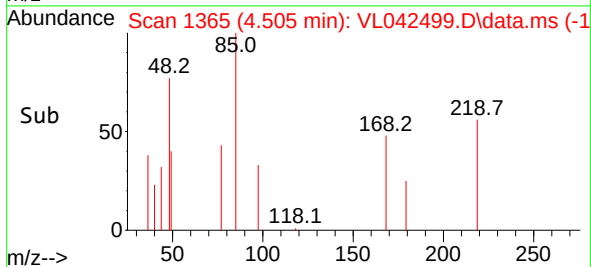
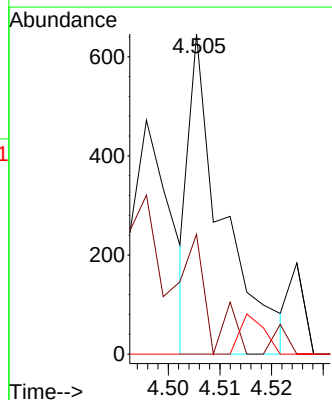
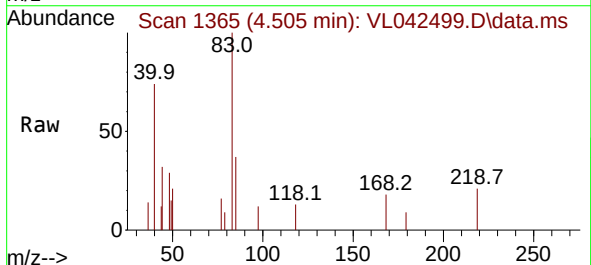
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

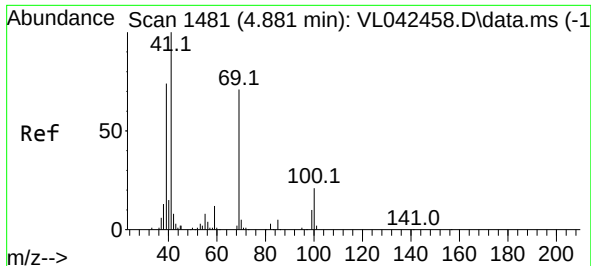
Tgt Ion: 42 Resp: 17
Ion Ratio Lower Upper
42 100
72 0.0 33.5 50.3#
71 0.0 32.6 49.0#



#42
Bromodichloromethane
Concen: 0.019 ppbv
RT: 4.505 min Scan# 1365
Delta R.T. 0.019 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

Tgt Ion: 83 Resp: 290
Ion Ratio Lower Upper
83 100
85 32.3 51.5 77.3#
127 0.0 5.4 8.2#





#43

Methyl Methacrylate

Concen: 0.033 ppbv

RT: 4.900 min Scan# 1487

Delta R.T. 0.019 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.03

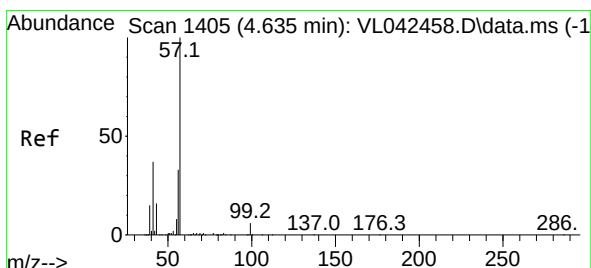
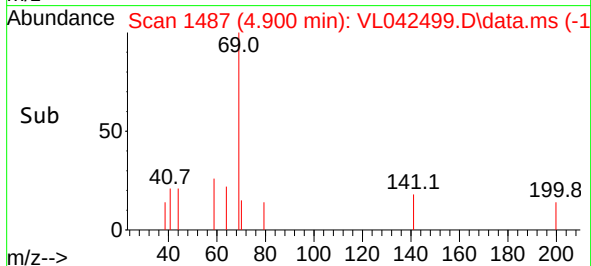
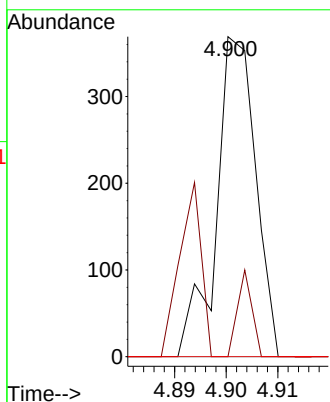
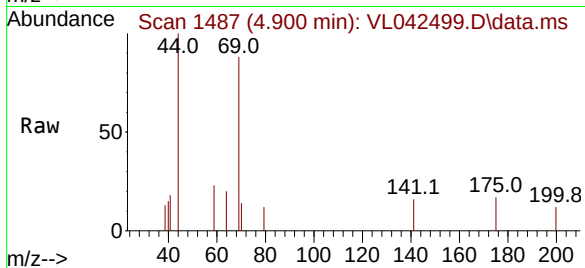
Tgt Ion: 69 Resp: 195

Ion Ratio Lower Upper

69 100

41 40.5 120.8 181.2#

100 0.0 26.7 40.1#



#44

2,2,4-Trimethylpentane

Concen: 0.015 ppbv

RT: 4.645 min Scan# 1408

Delta R.T. 0.010 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

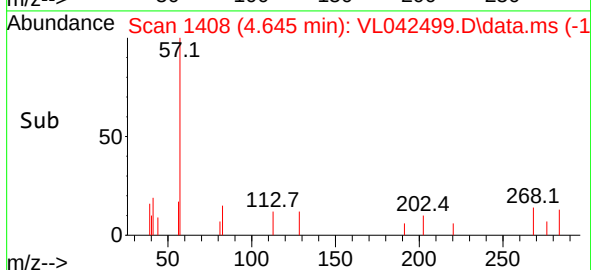
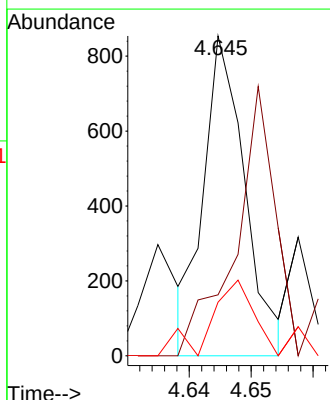
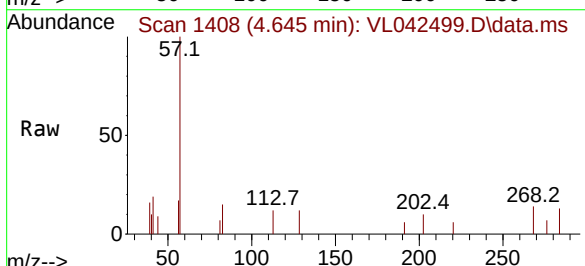
Tgt Ion: 57 Resp: 394

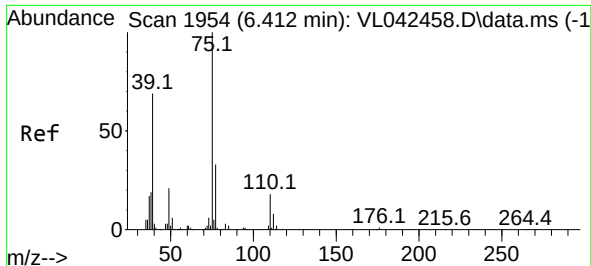
Ion Ratio Lower Upper

57 100

41 109.9 30.6 45.8#

56 28.9 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 0.004 ppbv

RT: 6.402 min Scan# 1954

Delta R.T. -0.010 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

Instrument :

MSVOA_L

ClientSampleId :

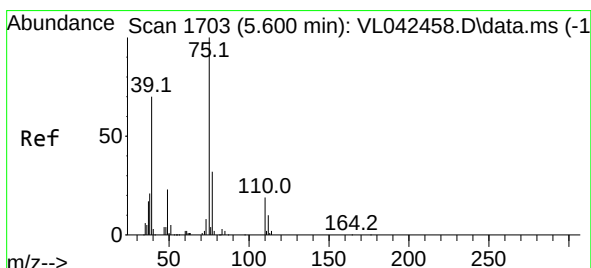
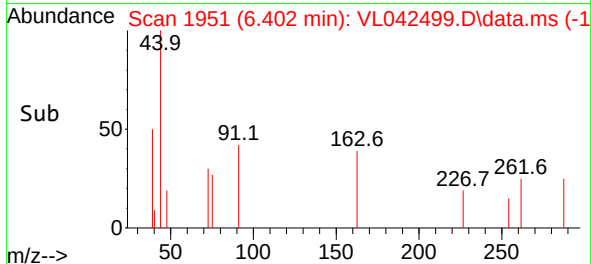
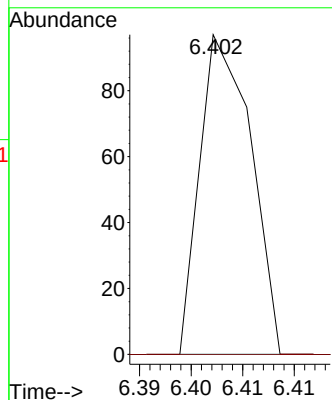
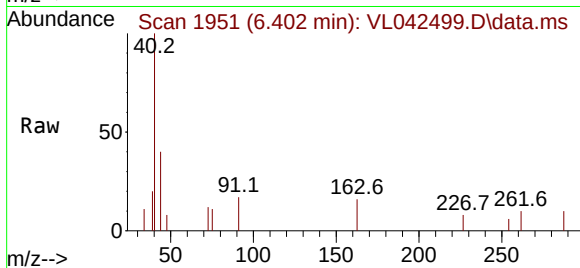
MDL2 0.03

Tgt Ion: 75 Resp: 33

Ion Ratio Lower Upper

75 100

77 0.0 26.3 39.5#



#46

cis-1,3-Dichloropropene

Concen: 0.007 ppbv

RT: 5.612 min Scan# 1707

Delta R.T. 0.013 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

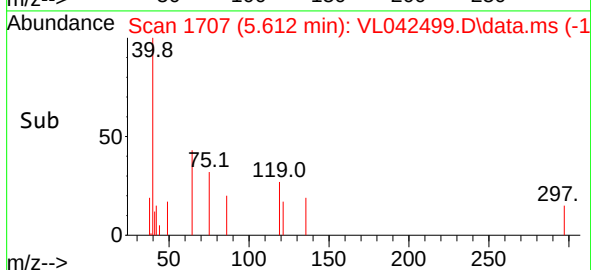
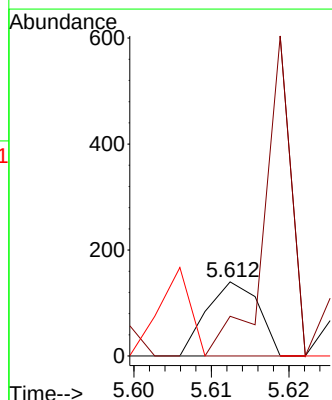
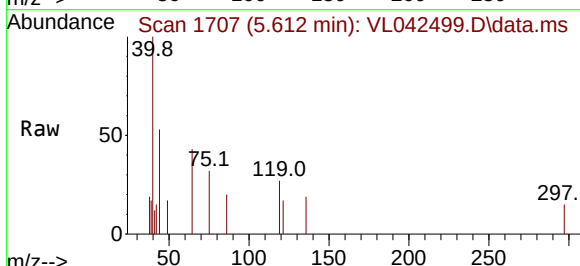
Tgt Ion: 75 Resp: 65

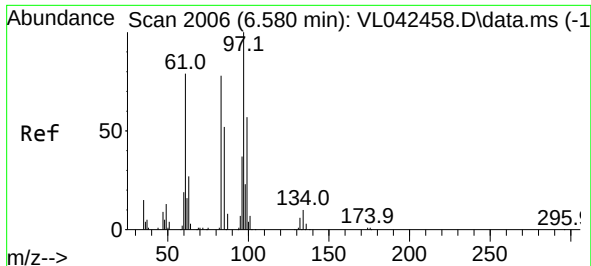
Ion Ratio Lower Upper

75 100

39 53.6 55.7 83.5#

77 0.0 25.8 38.8#





#47

1,1,2-Trichloroethane

Concen: 0.018 ppbv

RT: 6.603 min Scan# 20

Delta R.T. 0.023 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.03

Tgt Ion: 97 Resp: 119

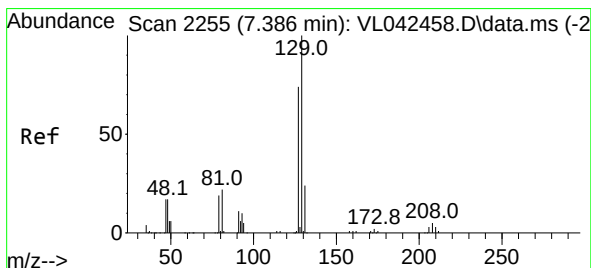
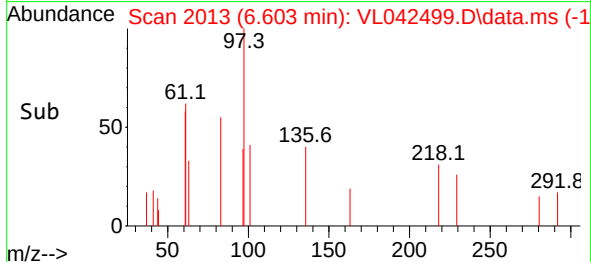
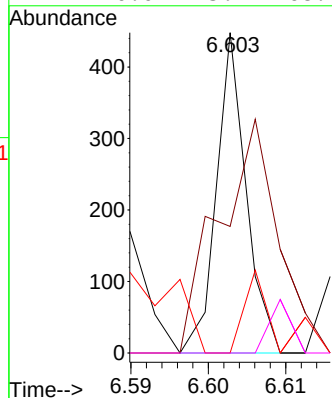
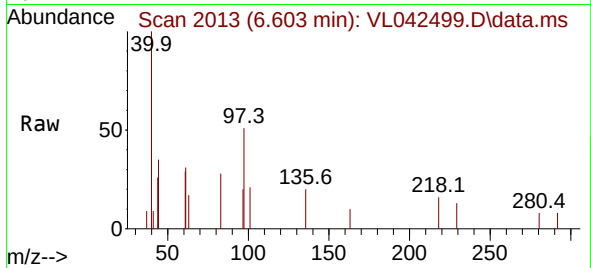
Ion Ratio Lower Upper

97 100

83 39.5 62.2 93.2#

85 0.0 41.5 62.3#

99 0.0 45.4 68.0#



#48

Dibromochloromethane

Concen: 0.009 ppbv

RT: 7.409 min Scan# 2262

Delta R.T. 0.023 min

Lab File: VL042499.D

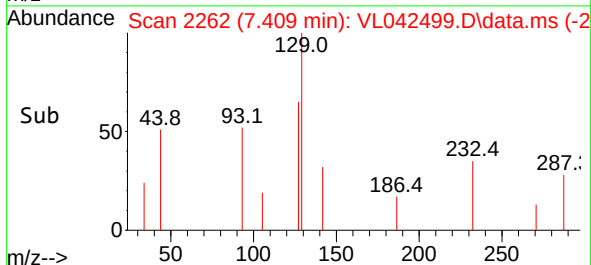
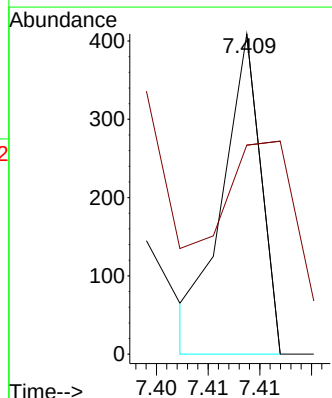
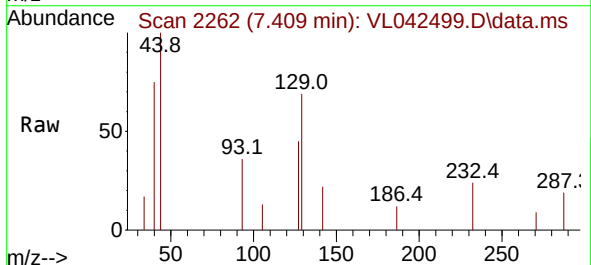
Acq: 06 May 2025 16:32

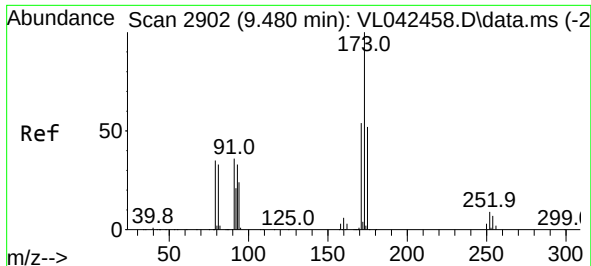
Tgt Ion: 129 Resp: 104

Ion Ratio Lower Upper

129 100

127 0.0 39.5 118.5#





#49

Bromoform

Concen: 0.006 ppbv

RT: 9.503 min Scan# 2902

Delta R.T. 0.023 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.03

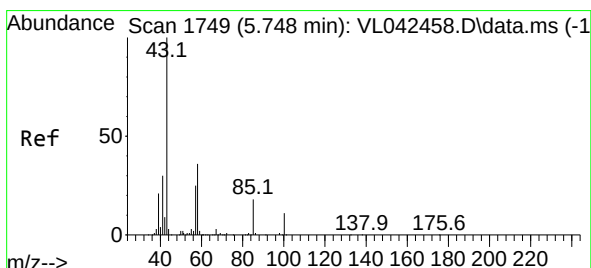
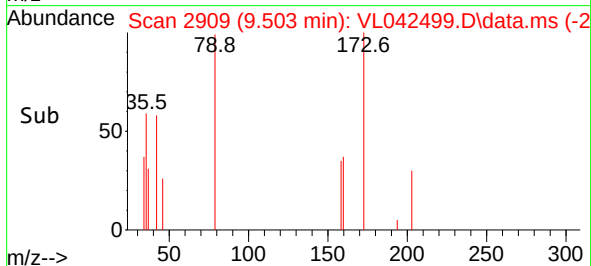
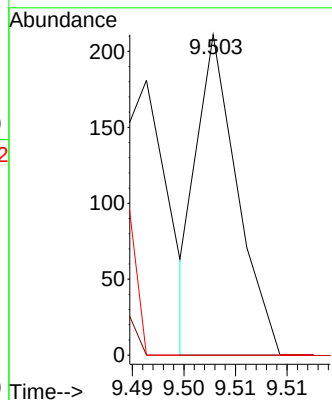
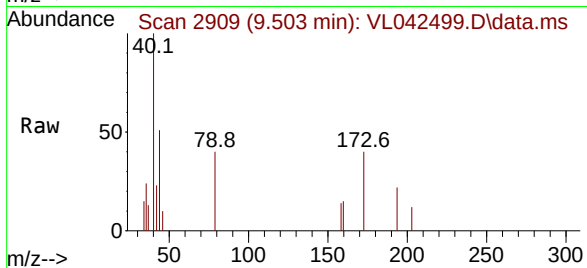
Tgt Ion:173 Resp: 55

Ion Ratio Lower Upper

173 100

175 0.0 38.9 58.3#

171 0.0 40.6 60.8#



#50

4-Methyl-2-Pentanone

Concen: 0.006 ppbv

RT: 5.784 min Scan# 1760

Delta R.T. 0.036 min

Lab File: VL042499.D

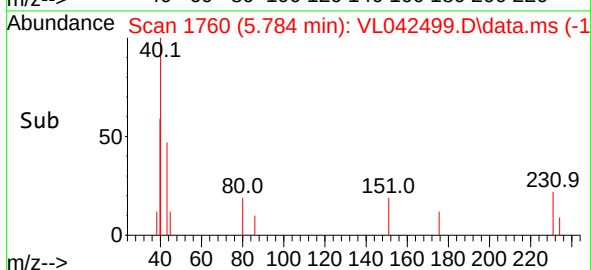
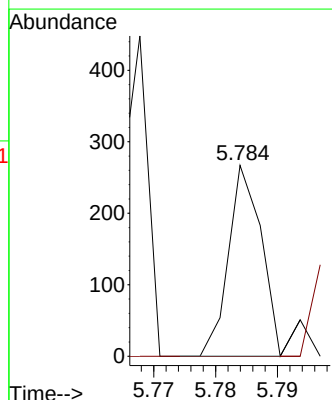
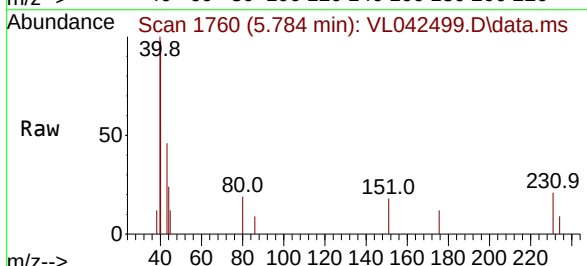
Acq: 06 May 2025 16:32

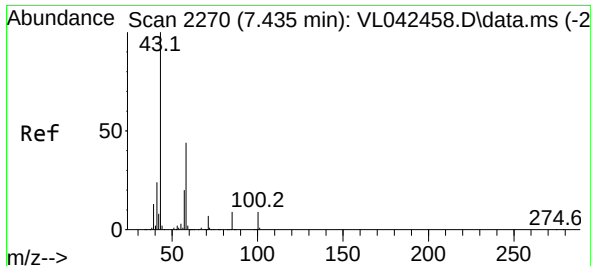
Tgt Ion: 43 Resp: 98

Ion Ratio Lower Upper

43 100

58 0.0 29.5 44.3#

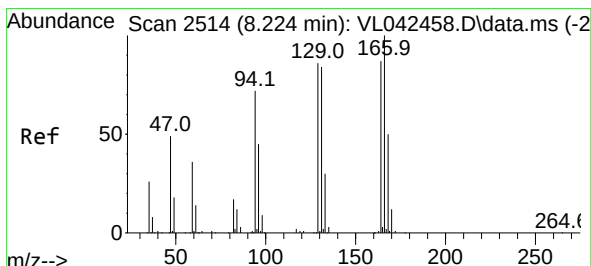
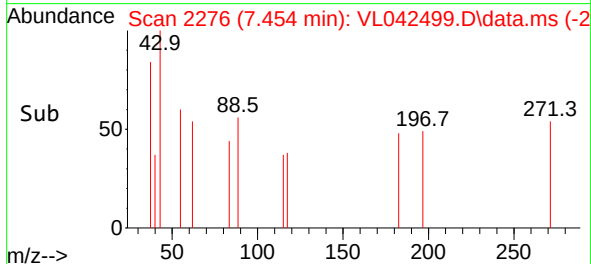
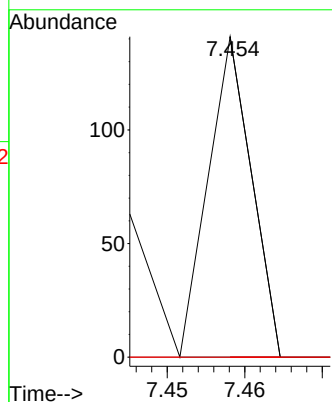
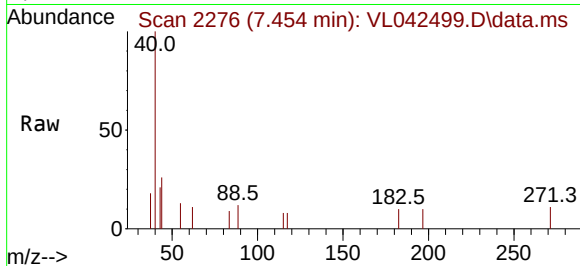




#51
2-Hexanone
Concen: 0.002 ppbv
RT: 7.454 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

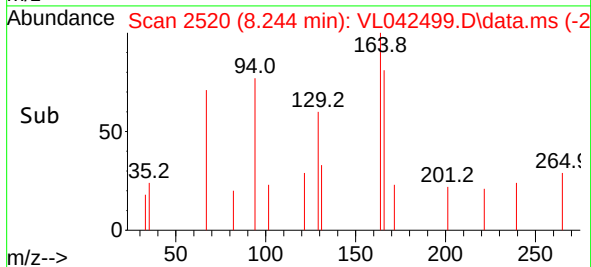
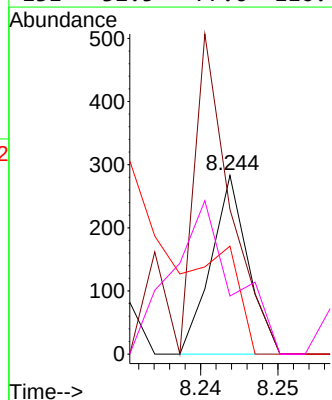
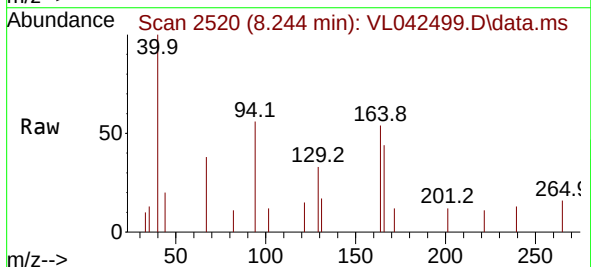
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

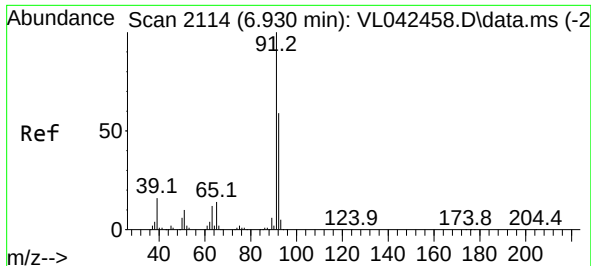
Tgt Ion: 43 Resp: 27
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.015 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. 0.019 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

Tgt Ion: 164 Resp: 93
Ion Ratio Lower Upper
164 100
166 80.9 91.6 137.4#
129 60.4 79.0 118.4#
131 32.5 77.6 116.4#

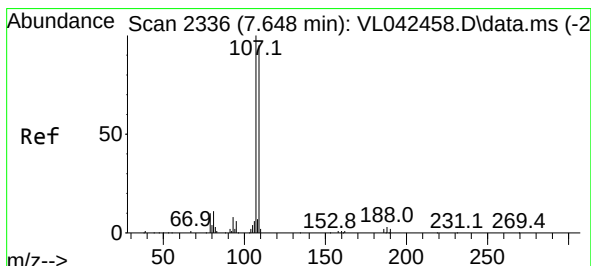
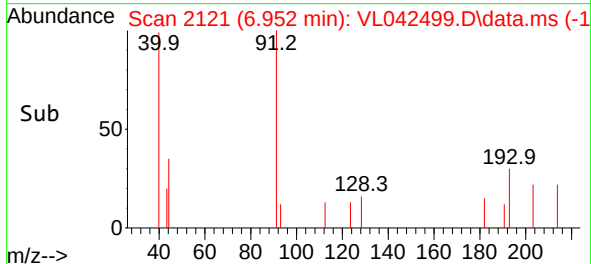
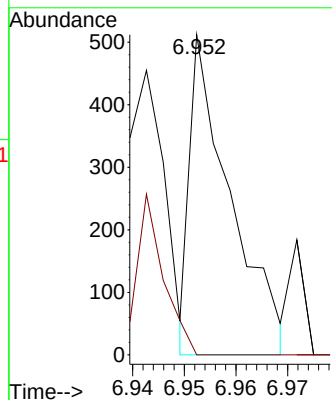
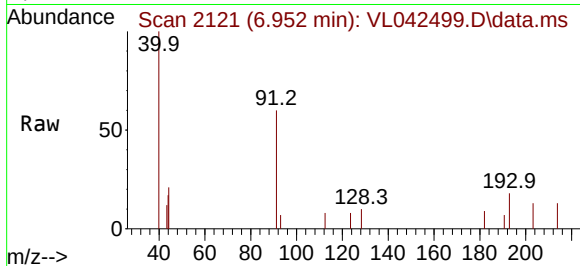




#53
Toluene
Concen: 0.017 ppbv
RT: 6.952 min Scan# 2114
Delta R.T. 0.023 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

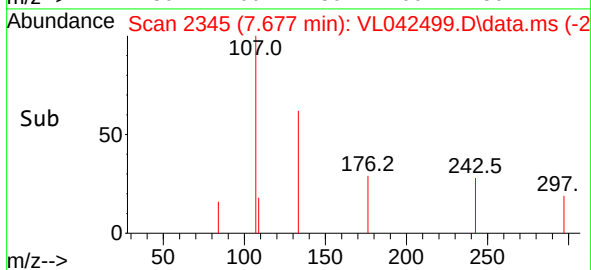
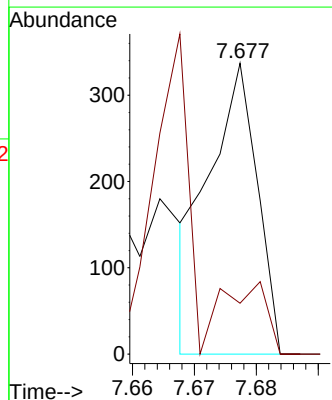
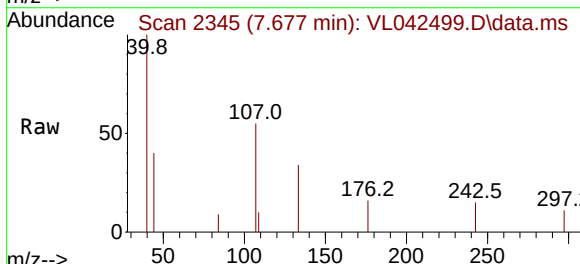
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

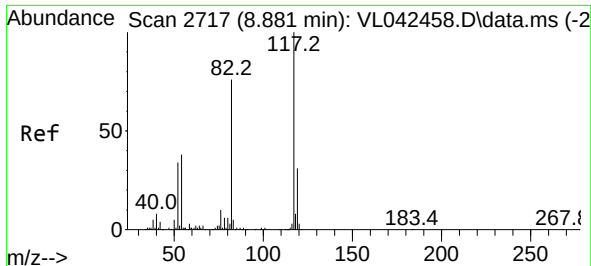
Tgt Ion: 91 Resp: 280
Ion Ratio Lower Upper
91 100
92 0.0 47.9 71.9#



#54
1,2-Dibromoethane
Concen: 0.018 ppbv
RT: 7.677 min Scan# 2345
Delta R.T. 0.029 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

Tgt Ion: 107 Resp: 182
Ion Ratio Lower Upper
107 100
109 17.5 76.0 114.0#

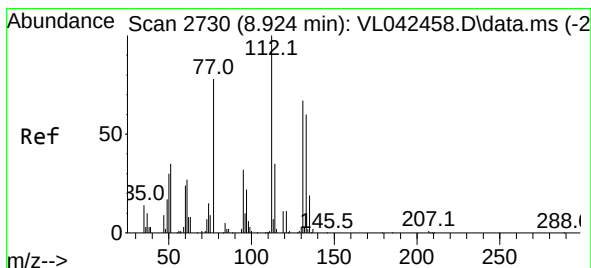
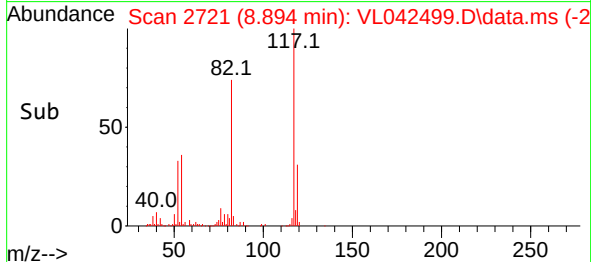
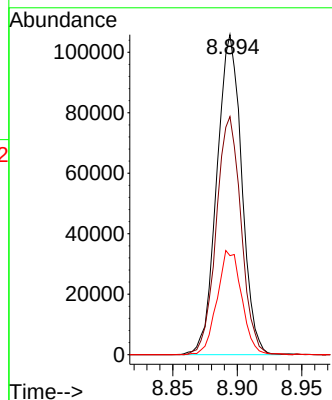
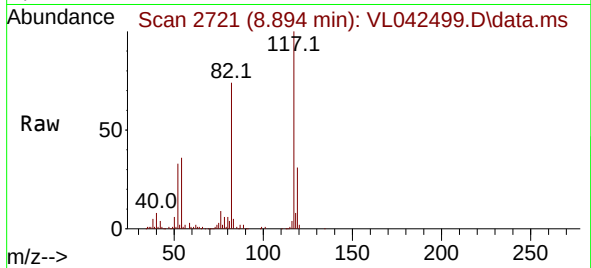




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

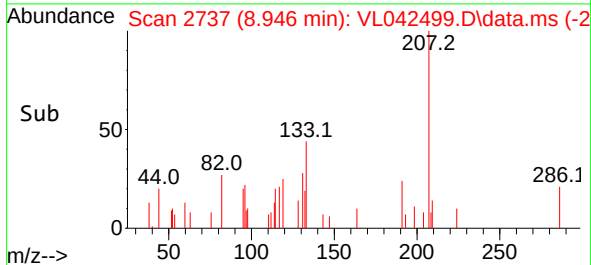
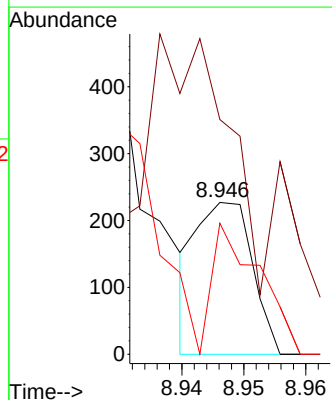
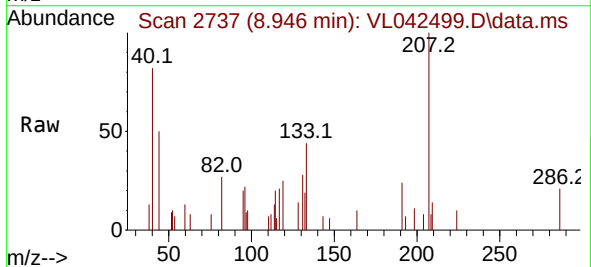
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

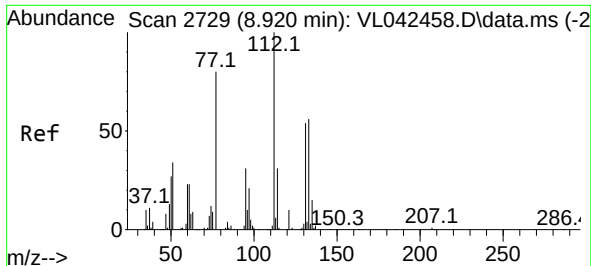
Tgt Ion:	117	Resp:	141675
Ion	Ratio	Lower	Upper
117	100		
82	74.2	63.5	95.3
119	32.3	25.8	38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.017 ppbv
RT: 8.946 min Scan# 2737
Delta R.T. 0.023 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

Tgt Ion:	131	Resp:	141
Ion	Ratio	Lower	Upper
131	100		
133	0.0	76.0	114.0#
119	0.0	46.1	69.1#

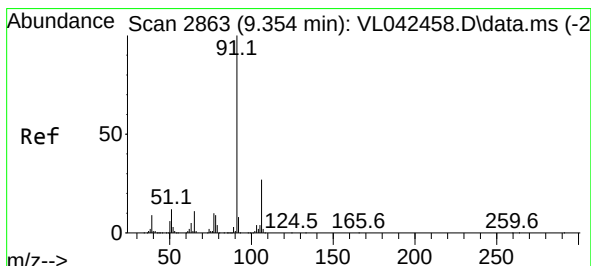
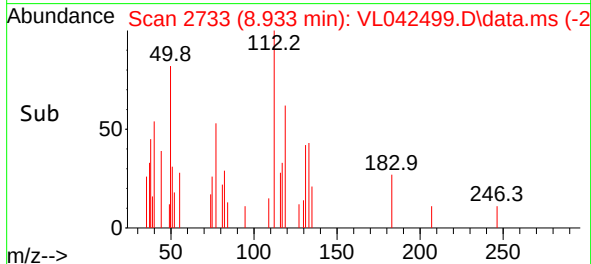
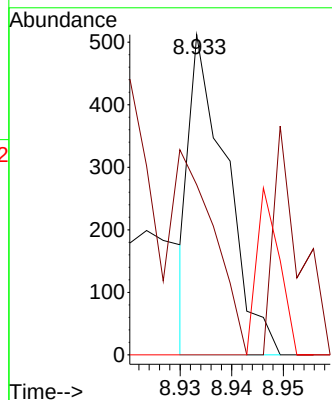
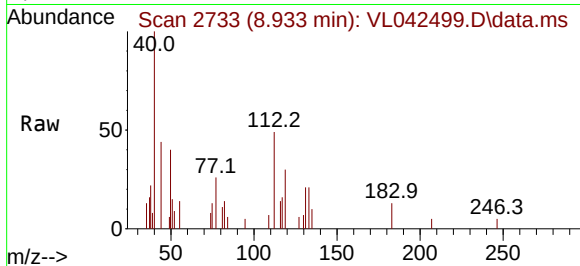




#57
Chlorobenzene
Concen: 0.018 ppbv
RT: 8.933 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

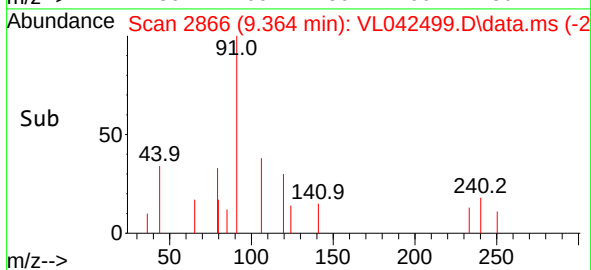
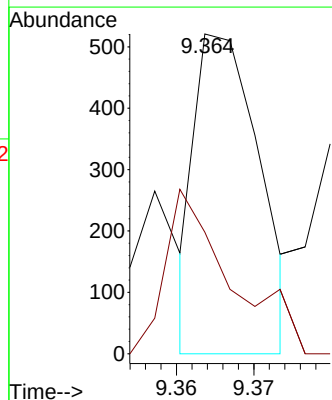
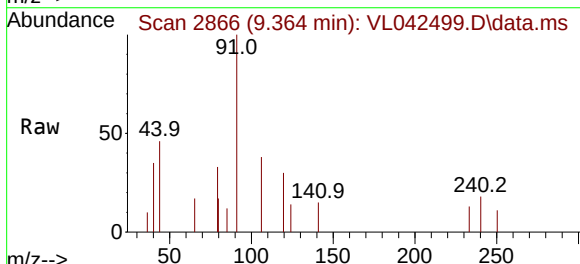
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

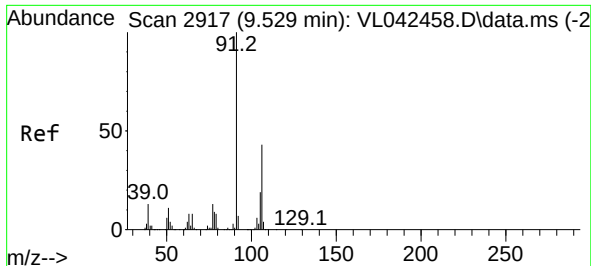
Tgt Ion: 112 Resp: 252
Ion Ratio Lower Upper
112 100
77 0.0 65.0 97.4#
114 0.0 27.5 33.7#



#58
Ethyl Benzene
Concen: 0.013 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. 0.010 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

Tgt Ion: 91 Resp: 301
Ion Ratio Lower Upper
91 100
106 25.9 21.9 32.9





#59

m/p-Xylene

Concen: 0.024 ppbv

RT: 9.545 min Scan# 2917

Delta R.T. 0.016 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

Instrument :

MSVOA_L

ClientSampleId :

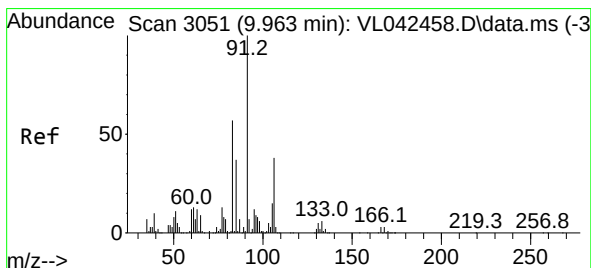
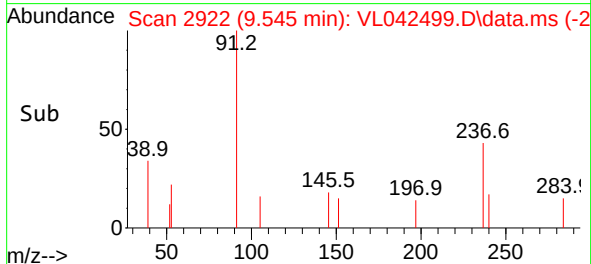
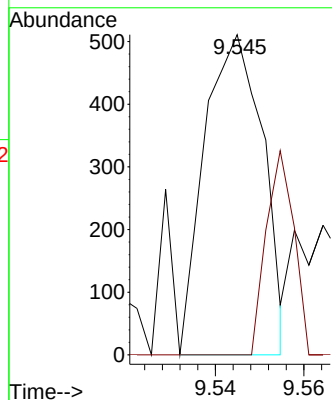
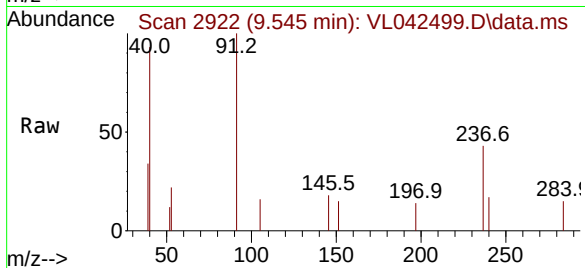
MDL2 0.03

Tgt Ion: 91 Resp: 469

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.2#



#60

o-Xylene

Concen: 0.006 ppbv

RT: 9.975 min Scan# 3055

Delta R.T. 0.013 min

Lab File: VL042499.D

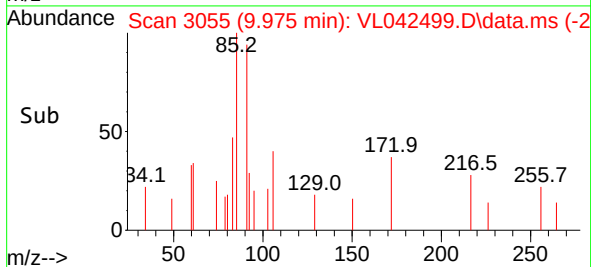
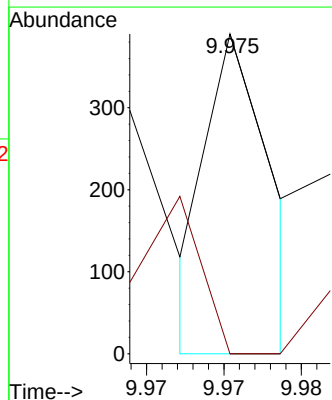
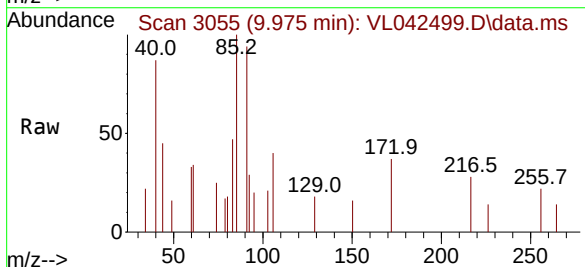
Acq: 06 May 2025 16:32

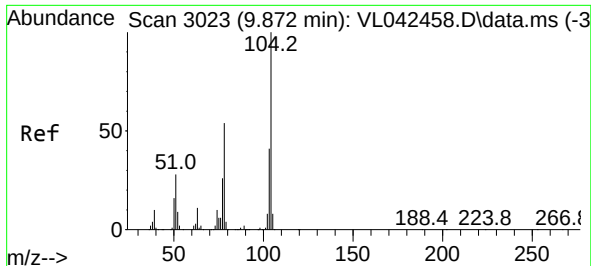
Tgt Ion: 91 Resp: 113

Ion Ratio Lower Upper

91 100

106 0.0 20.1 60.2#

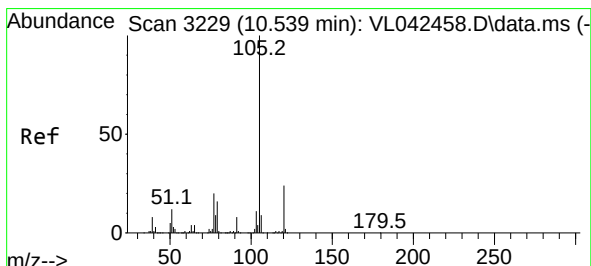
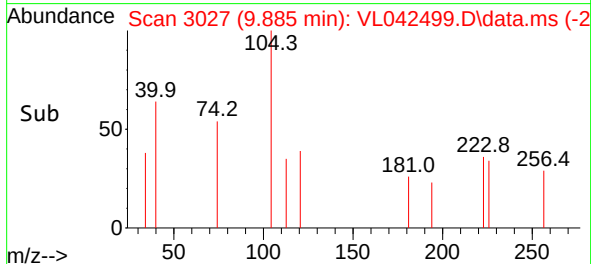
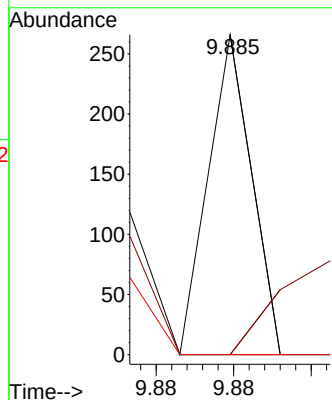
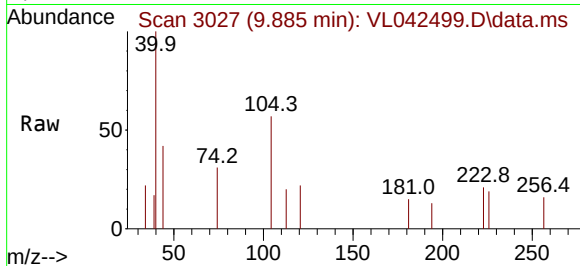




#61
Styrene
Concen: 0.007 ppbv
RT: 9.885 min Scan# 3023
Delta R.T. 0.013 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

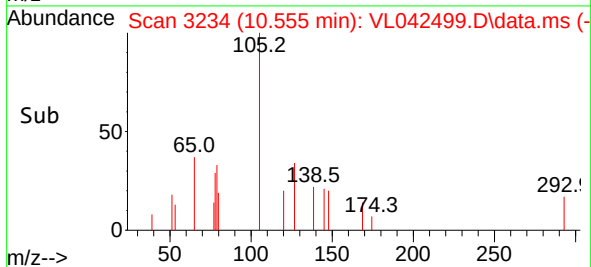
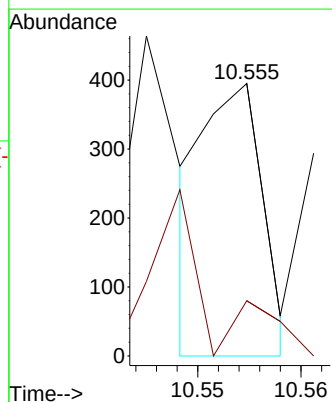
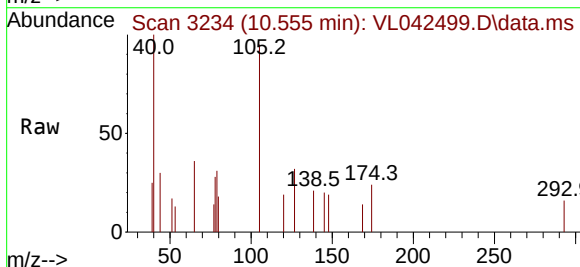
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

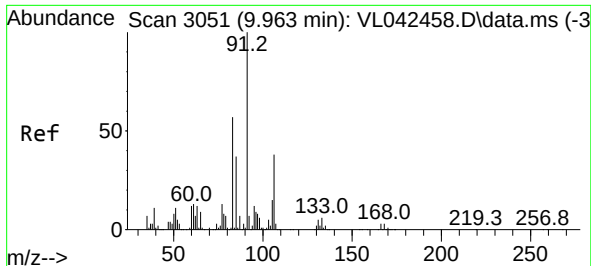
Tgt Ion:104 Resp: 52
Ion Ratio Lower Upper
104 100
78 0.0 46.9 70.3#
103 138.5 36.6 55.0#



#62
Isopropylbenzene
Concen: 0.005 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. 0.016 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

Tgt Ion:105 Resp: 156
Ion Ratio Lower Upper
105 100
120 0.0 18.8 28.2#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.019 ppbv

RT: 9.972 min Scan# 3051

Delta R.T. 0.010 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

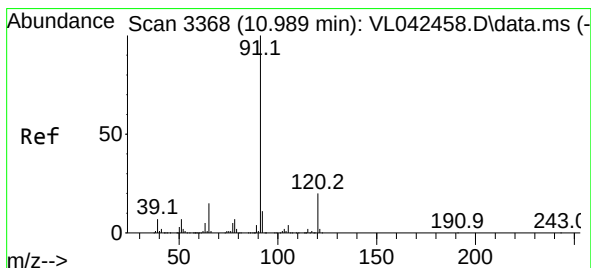
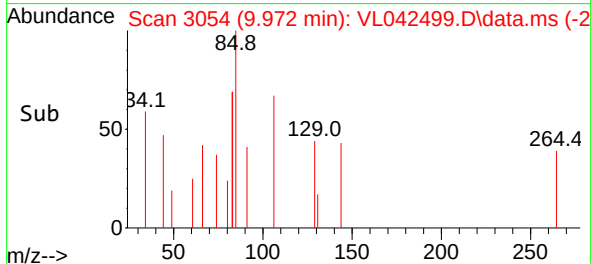
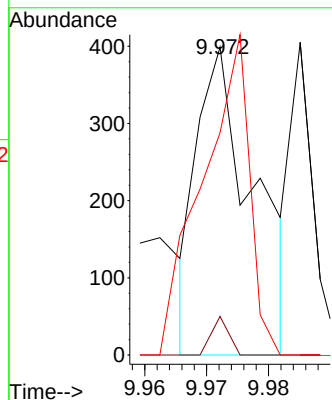
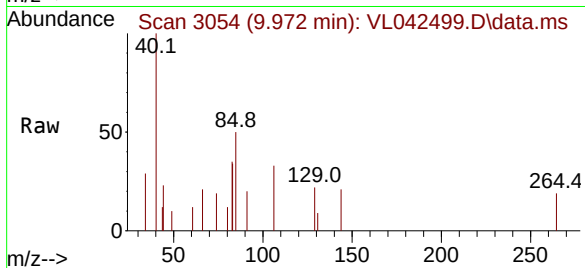
Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.03

Tgt Ion:	83	Resp:	254
Ion	Ratio	Lower	Upper
83	100		
131	3.9	4.7	14.1#
85	85.8	32.5	97.4



#64

n-propylbenzene

Concen: 0.023 ppbv

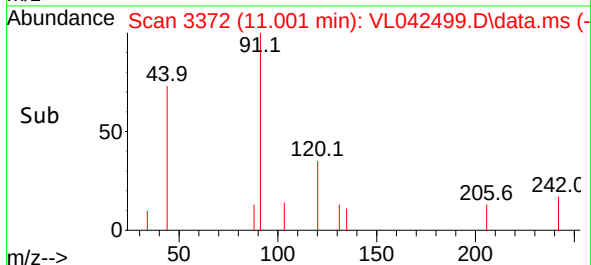
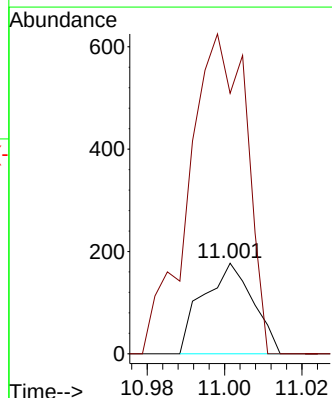
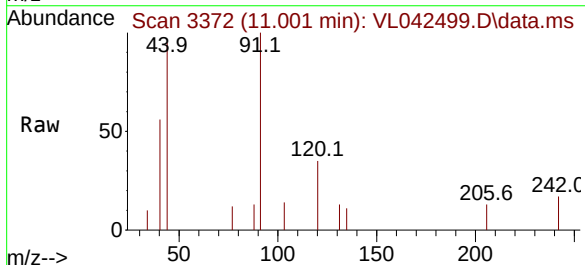
RT: 11.001 min Scan# 3372

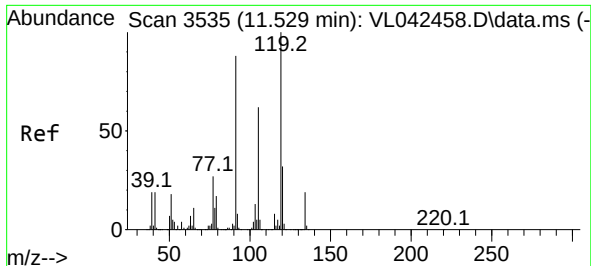
Delta R.T. 0.013 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

Tgt Ion:	120	Resp:	159
Ion	Ratio	Lower	Upper
120	100		
91	407.5	408.6	612.8#

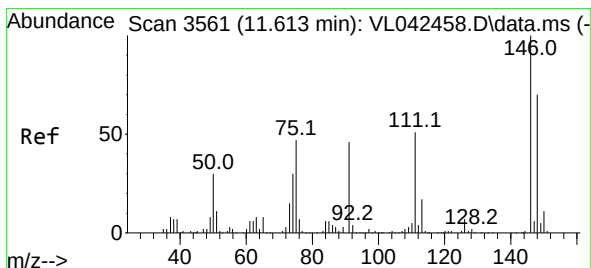
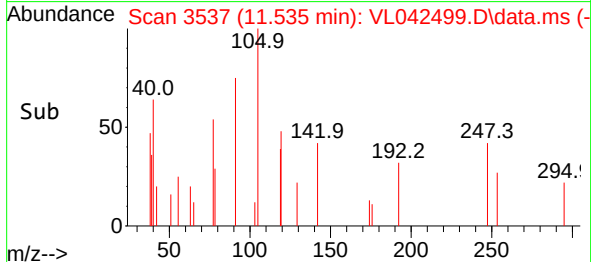
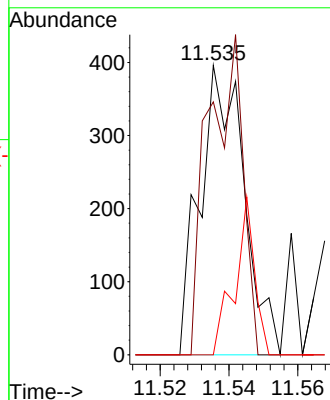
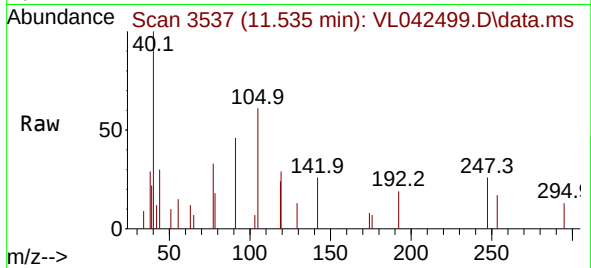




#65
tert-Butylbenzene
Concen: 0.014 ppbv
RT: 11.535 min Scan# 3535
Delta R.T. 0.006 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

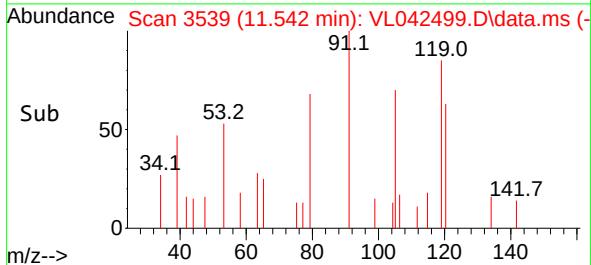
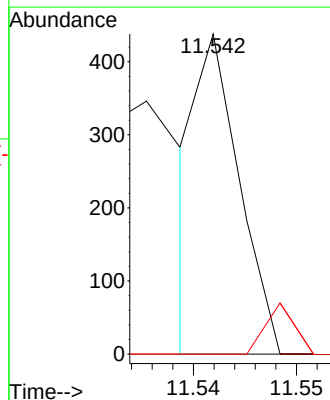
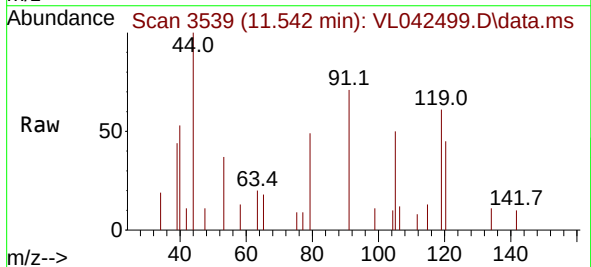
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

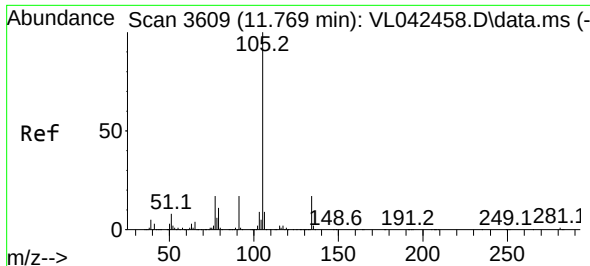
Tgt Ion:119 Resp: 353
Ion Ratio Lower Upper
119 100
91 86.4 71.6 107.4
134 24.4 15.0 22.4#



#66
Benzyl Chloride
Concen: 0.041 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.071 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

Tgt Ion: 91 Resp: 121
Ion Ratio Lower Upper
91 100
126 0.0 13.3 19.9#
128 11.6 4.2 6.4#

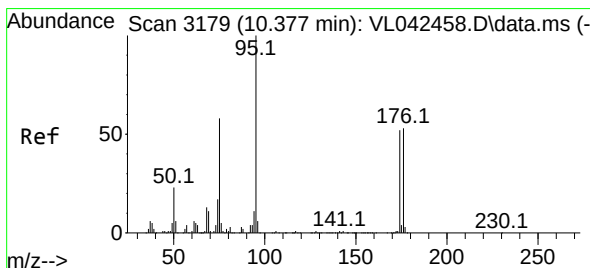
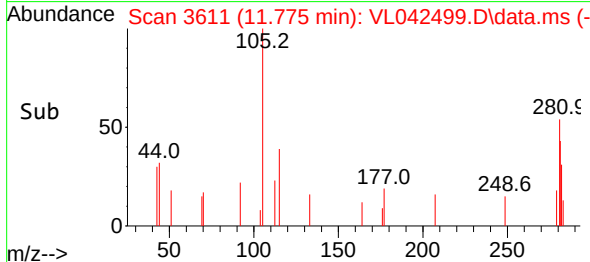
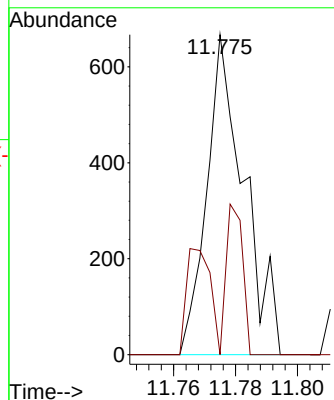
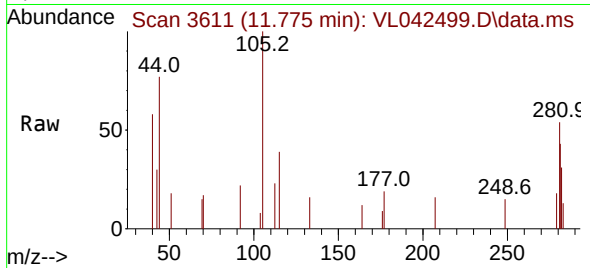




#67
sec-Butylbenzene
Concen: 0.015 ppbv
RT: 11.775 min Scan# 3611
Delta R.T. 0.006 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

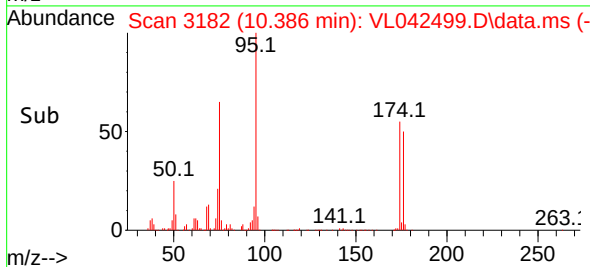
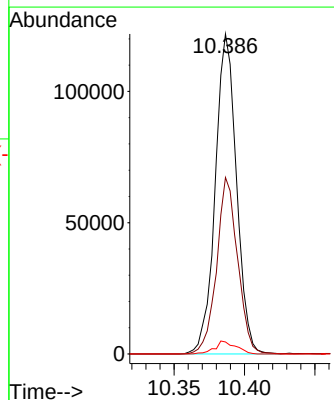
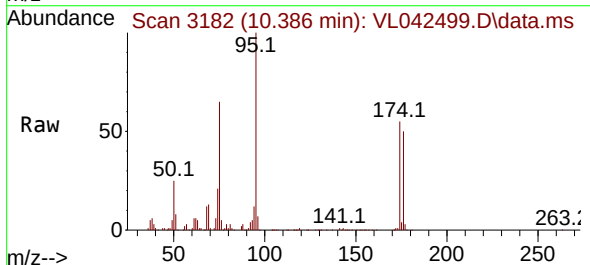
Instrument :
MSVOA_1
ClientSampleId :
MDL2 0.03

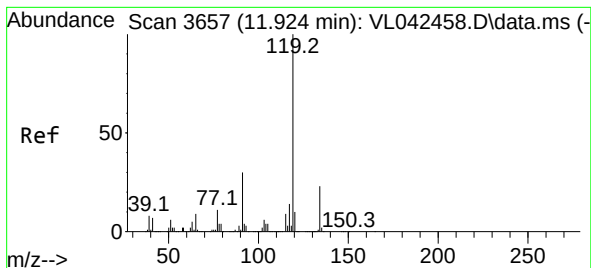
Tgt Ion:105 Resp: 555
Ion Ratio Lower Upper
105 100
134 42.2 14.1 21.1#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.735 ppbv
RT: 10.386 min Scan# 3182
Delta R.T. 0.010 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

Tgt Ion: 95 Resp: 127872
Ion Ratio Lower Upper
95 100
174 54.4 42.7 64.1
175 4.0 3.6 5.4





#69

p-Isopropyltoluene

Concen: 0.015 ppbv

RT: 11.930 min Scan# 3659

Delta R.T. 0.006 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

Instrument :

MSVOA_L

ClientSampleId :

MDL2 0.03

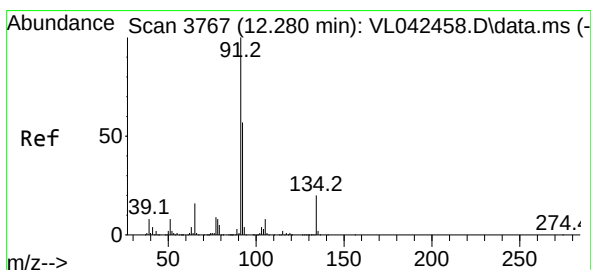
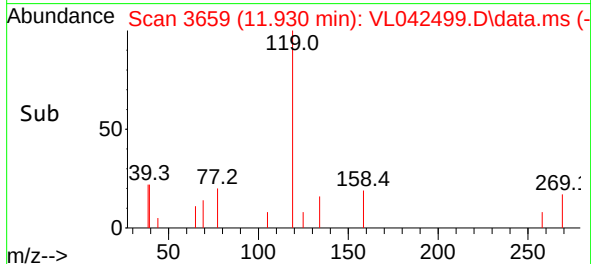
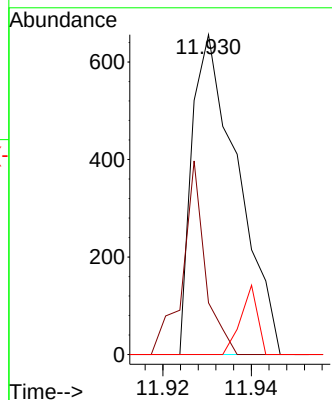
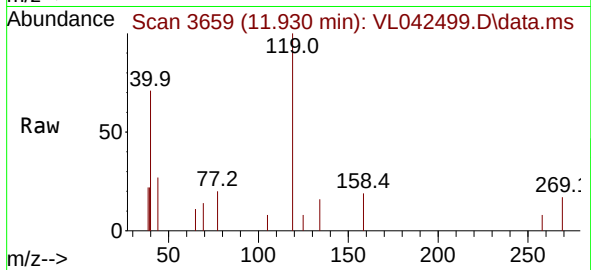
Tgt Ion:119 Resp: 470

Ion Ratio Lower Upper

119 100

134 30.0 19.0 28.4#

91 8.1 25.5 38.3#



#70

n-Butylbenzene

Concen: 0.006 ppbv

RT: 12.290 min Scan# 3770

Delta R.T. 0.010 min

Lab File: VL042499.D

Acq: 06 May 2025 16:32

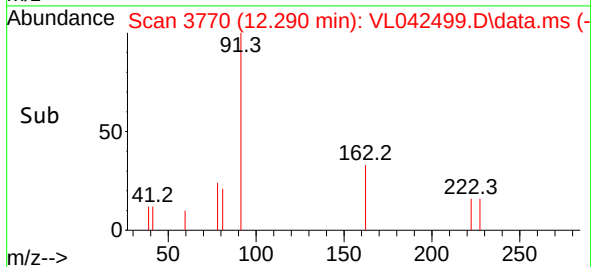
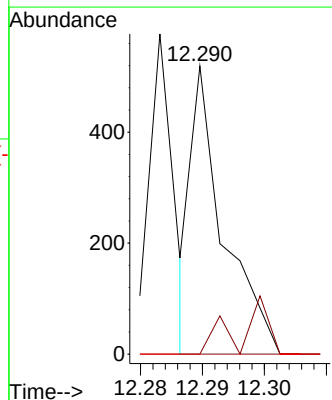
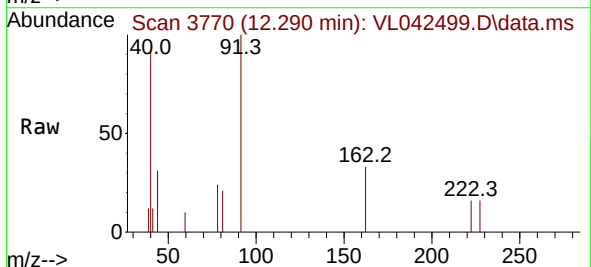
Tgt Ion: 91 Resp: 188

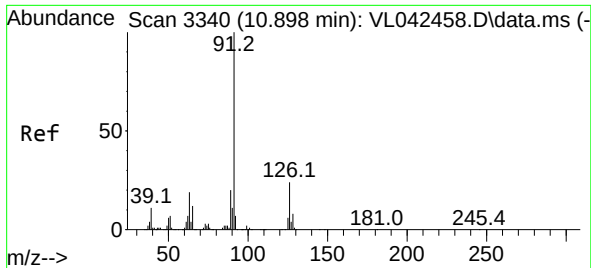
Ion Ratio Lower Upper

91 100

92 18.1 44.0 66.0#

134 0.0 16.8 25.2#

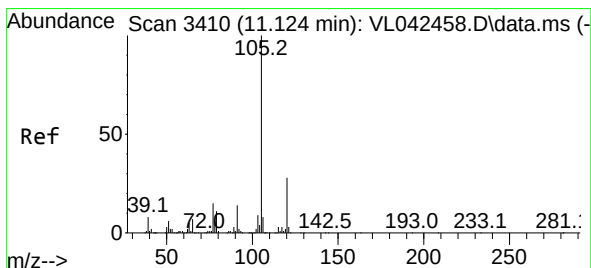
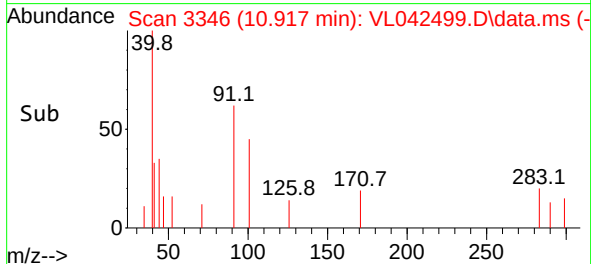
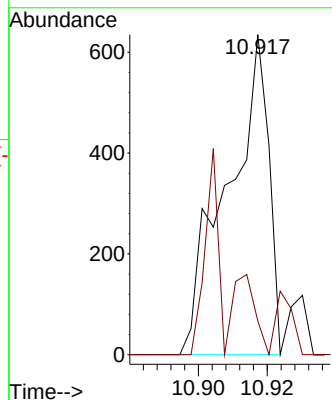
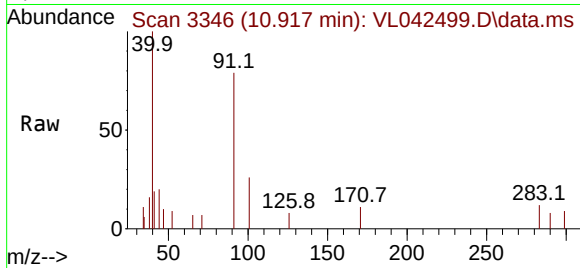




#71
2-Chlorotoluene
Concen: 0.023 ppbv
RT: 10.917 min Scan# 3346
Delta R.T. 0.019 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

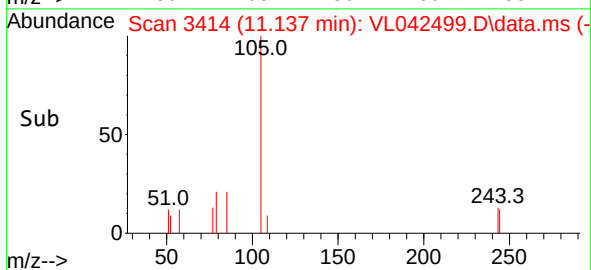
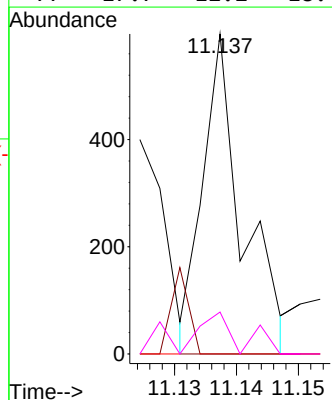
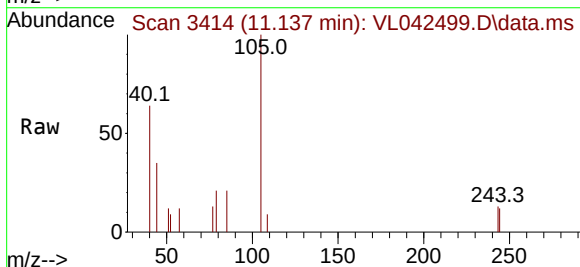
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

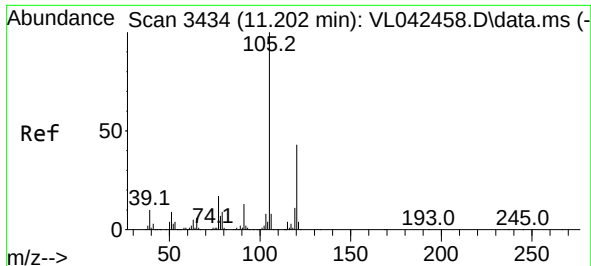
Tgt Ion: 91 Resp: 528
Ion Ratio Lower Upper
91 100
126 41.9 10.6 42.2



#72
4-Ethyltoluene
Concen: 0.011 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. 0.013 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

Tgt Ion: 105 Resp: 265
Ion Ratio Lower Upper
105 100
120 0.0 22.0 33.0#
91 0.0 11.2 16.8#
77 17.7 12.2 18.4

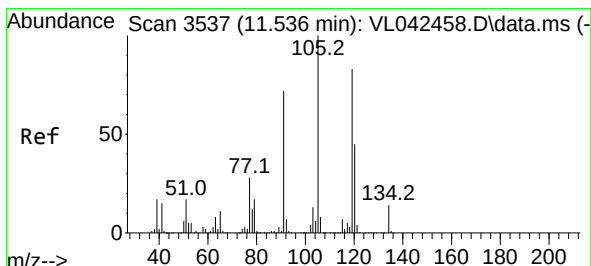
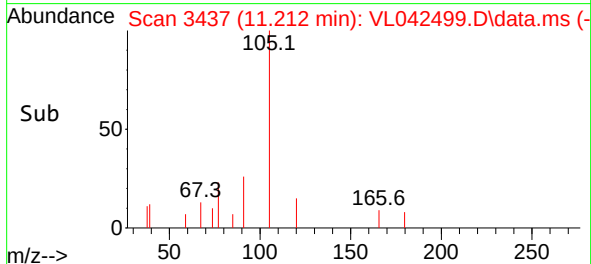
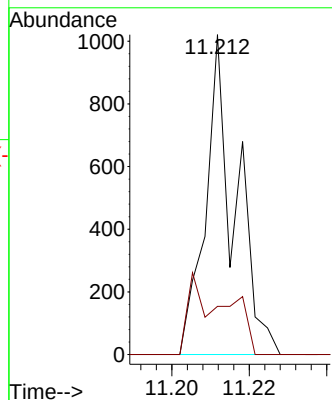
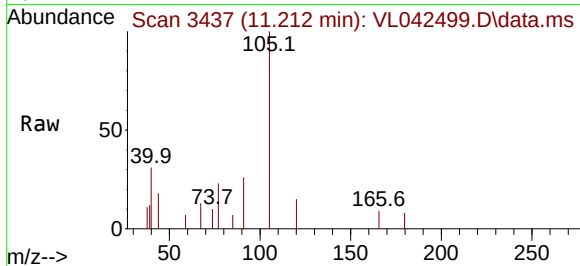




#73
 1,3,5-Trimethylbenzene
 Concen: 0.026 ppbv
 RT: 11.212 min Scan# 3411
 Delta R.T. 0.010 min
 Lab File: VL042499.D
 Acq: 06 May 2025 16:32

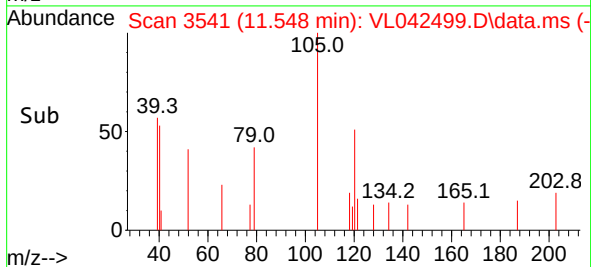
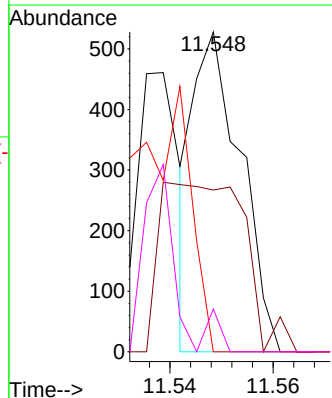
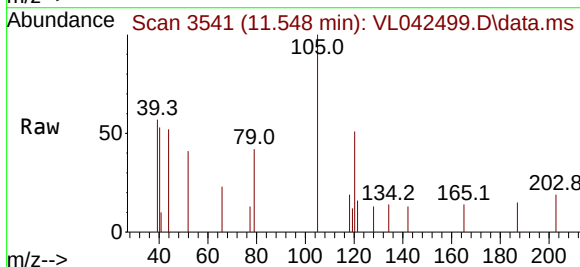
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.03

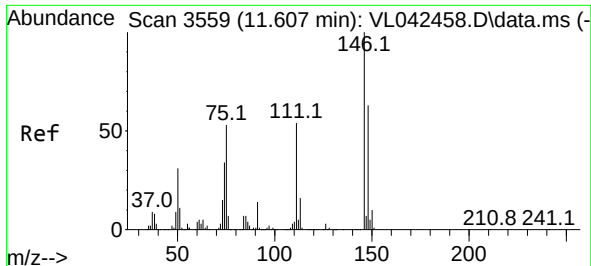
Tgt Ion:105 Resp: 543
 Ion Ratio Lower Upper
 105 100
 120 15.1 34.4 51.6#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.014 ppbv
 RT: 11.548 min Scan# 3541
 Delta R.T. 0.013 min
 Lab File: VL042499.D
 Acq: 06 May 2025 16:32

Tgt Ion:105 Resp: 337
 Ion Ratio Lower Upper
 105 100
 120 39.6 36.1 54.1
 91 0.0 57.6 86.4#
 77 13.4 22.1 33.1#

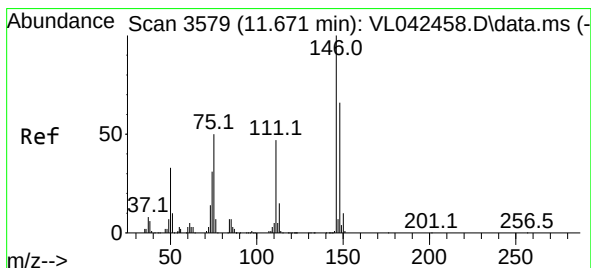
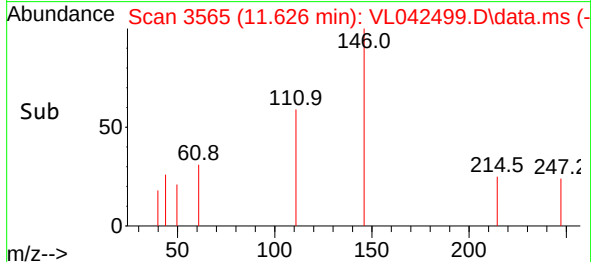
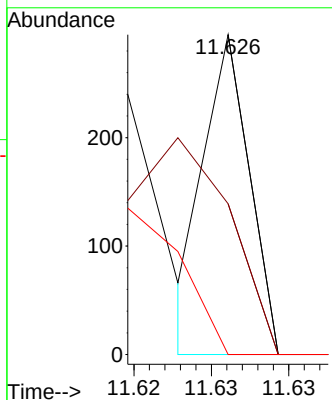
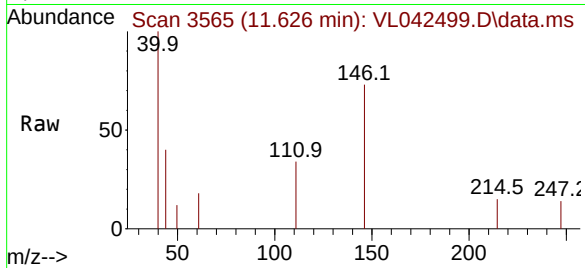




#75
1,3-Dichlorobenzene
Concen: 0.004 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.019 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

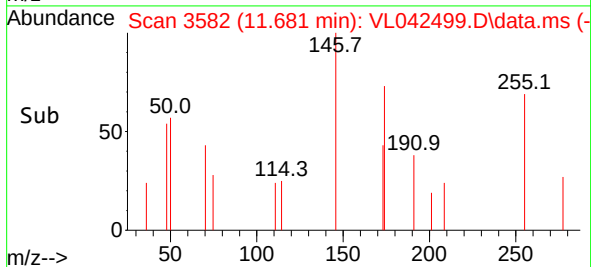
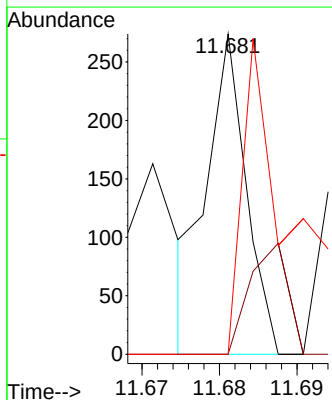
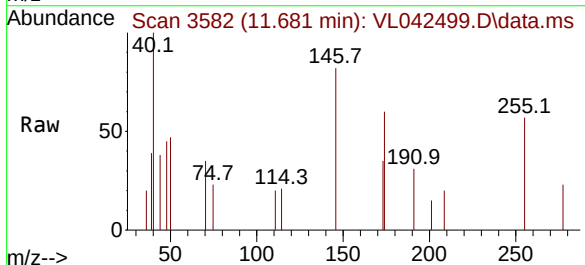
Instrument :
MSVOA_1
ClientSampleId :
MDL2 0.03

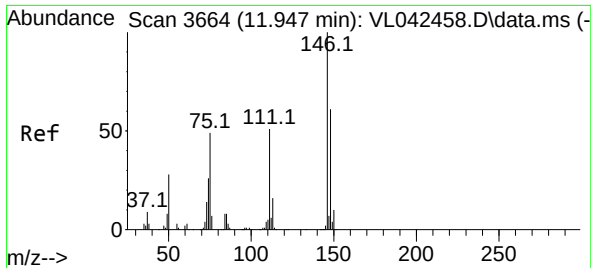
Tgt Ion:146 Resp: 57
Ion Ratio Lower Upper
146 100
111 0.0 26.1 78.3#
148 0.0 32.0 96.0#



#76
1,4-Dichlorobenzene
Concen: 0.007 ppbv
RT: 11.681 min Scan# 3582
Delta R.T. 0.010 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

Tgt Ion:146 Resp: 95
Ion Ratio Lower Upper
146 100
111 33.7 24.4 73.2
148 116.8 32.0 96.2#

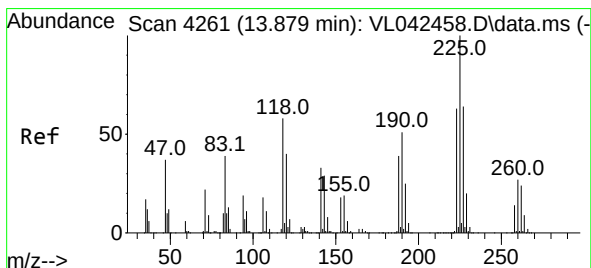
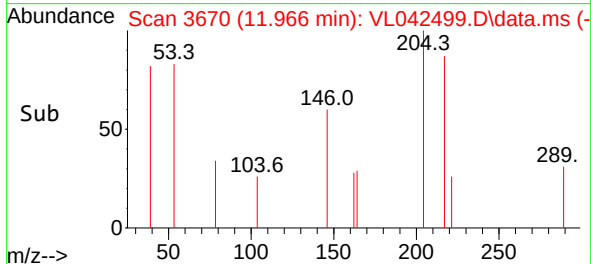
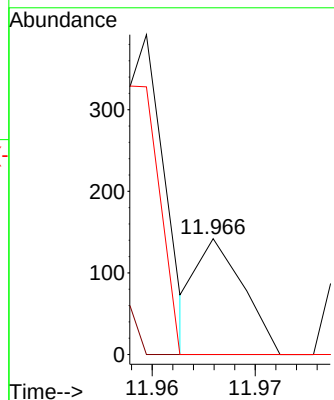
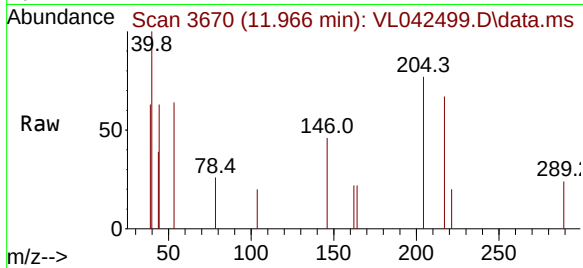




#77
1,2-Dichlorobenzene
Concen: 0.003 ppbv
RT: 11.966 min Scan# 3670
Delta R.T. 0.019 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

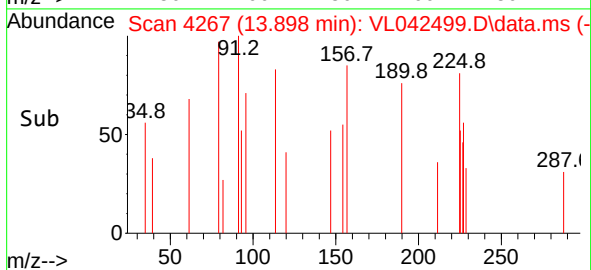
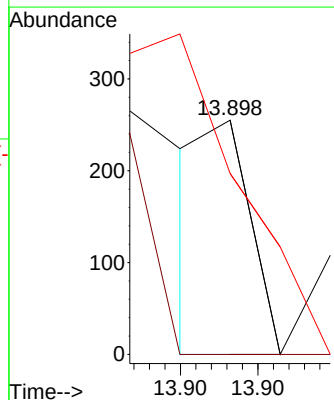
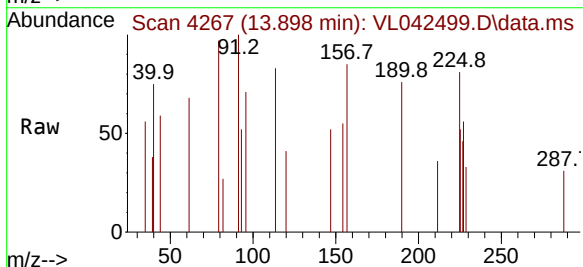
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03

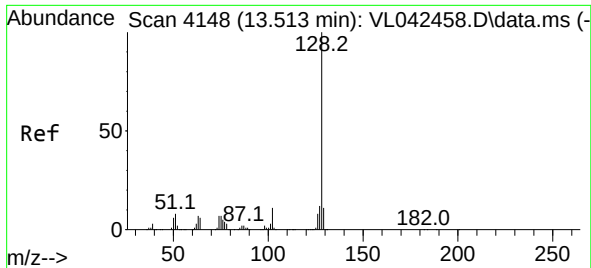
Tgt Ion:146 Resp: 43
Ion Ratio Lower Upper
146 100
111 0.0 26.5 79.5#
148 0.0 31.5 94.5#



#78
Hexachloro-1,3-Butadiene
Concen: 0.004 ppbv
RT: 13.898 min Scan# 4267
Delta R.T. 0.019 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

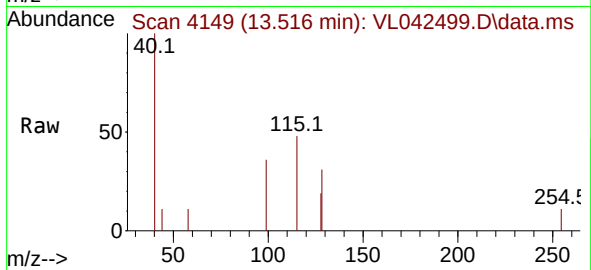
Tgt Ion:225 Resp: 49
Ion Ratio Lower Upper
225 100
223 0.0 50.2 75.4#
227 602.0 51.2 76.8#



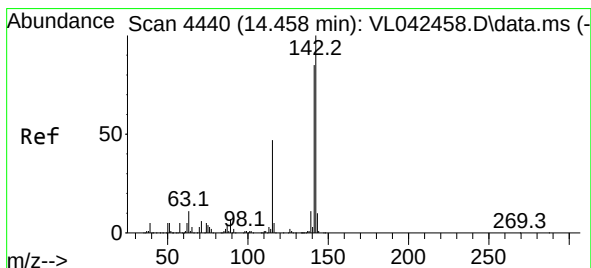
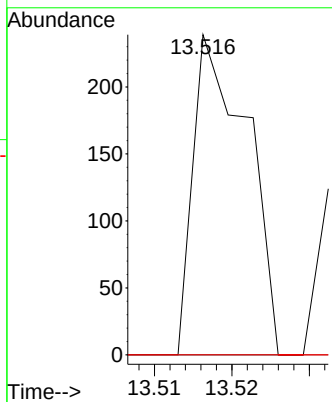
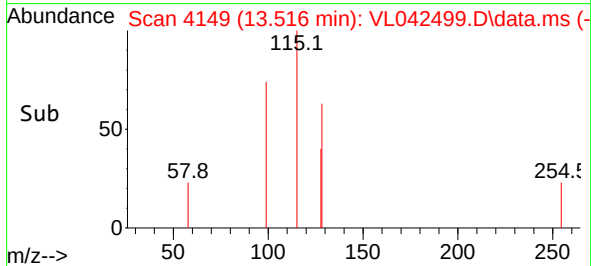


#79
Naphthalene
Concen: 0.006 ppbv
RT: 13.516 min Scan# 4148
Delta R.T. 0.003 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32

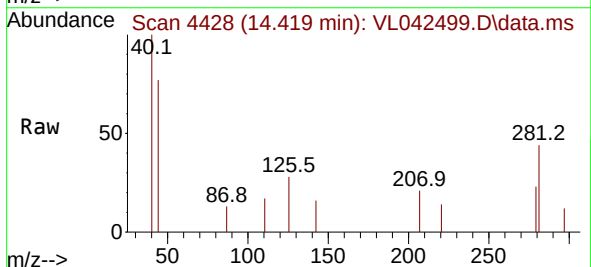
Instrument :
MSVOA_L
ClientSampleId :
MDL2 0.03



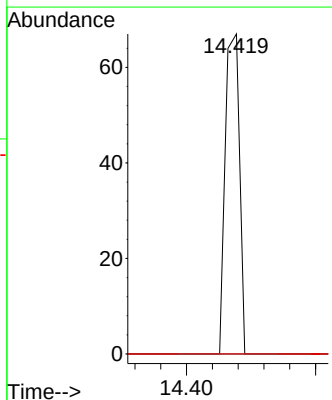
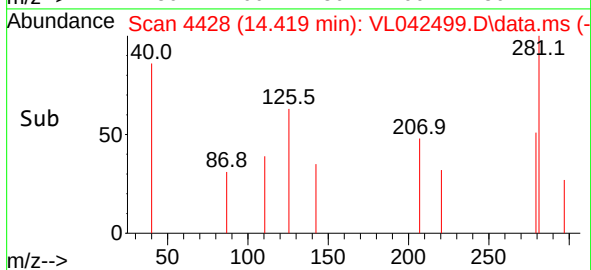
Tgt Ion:128 Resp: 116
Ion Ratio Lower Upper
128 100
127 38.9 9.7 14.5#
129 0.0 8.6 13.0#

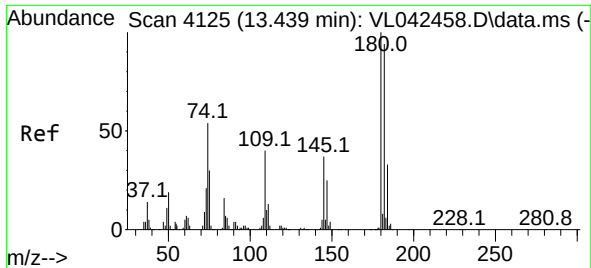


#80
Naphthalene,2-methyl-
Concen: 0.002 ppbv
RT: 14.419 min Scan# 4428
Delta R.T. -0.039 min
Lab File: VL042499.D
Acq: 06 May 2025 16:32



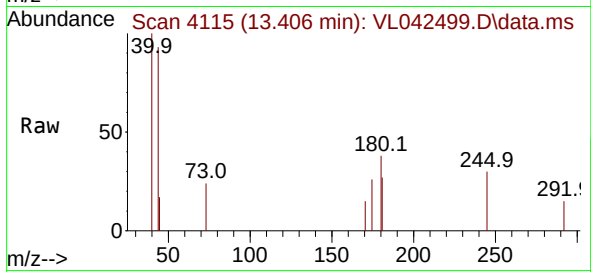
Tgt Ion:142 Resp: 25
Ion Ratio Lower Upper
142 100
141 0.0 67.4 101.0#
115 64.0 36.9 55.3#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.003 ppbv
 RT: 13.406 min Scan# 41
 Delta R.T. -0.032 min
 Lab File: VL042499.D
 Acq: 06 May 2025 16:32

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL2 0.03



Tgt Ion:180 Resp: 35
 Ion Ratio Lower Upper
 180 100
 182 102.9 74.6 111.8
 184 57.1 24.9 37.3#

