

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
 Data File : VL042459.D
 Acq On : 01 May 2025 09:37
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Quant Time: May 02 01:40:35 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 01:37:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	73220	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	201951	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	174624	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	159777	9.869	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	23859	1.969	ppbv	100
3) Chlorodifluoromethane	1.476	51	26655	2.081	ppbv	95
4) Chloromethane	1.531	50	10751	2.123	ppbv	95
5) Vinyl Chloride	1.580	62	9122	1.789	ppbv	92
6) Bromomethane	1.667	94	4793	1.990	ppbv #	62
7) Chloroethane	1.703	64	3972	2.110	ppbv	94
8) Dichlorotetrafluoroethane	1.554	85	20529	2.055	ppbv	100
9) Propene	1.482	41	9234	2.204	ppbv	95
10) Heptane	4.978	43	13843	1.274	ppbv #	49
11) Trichlorofluoromethane	1.877	101	22375	2.070	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.140	101	18230	2.042	ppbv	97
13) Ethanol	1.722	45	2099	2.468	ppbv	94
14) Bromoethene	1.780	108	6686	2.029	ppbv #	96
15) Acetone	1.835	43	29607	2.215	ppbv	99
16) 1,3-Butadiene	1.609	39	12245	2.077	ppbv	92
17) tert-Butyl alcohol	2.042	59	23722	2.014	ppbv #	93
18) 1,1-Dichloroethene	2.033	96	8303	1.992	ppbv	92
19) Isopropyl Alcohol	1.884	45	14288	1.931	ppbv	99
20) Methylene Chloride	2.062	84	7590	1.889	ppbv	96
21) Allyl Chloride	2.094	41	17050	1.983	ppbv	96
22) trans-1,2-Dichloroethene	2.340	96	9444	1.940	ppbv	97
23) Vinyl Acetate	2.463	43	26502	2.128	ppbv	98
24) 1,1-Dichloroethane	2.408	63	20027	2.016	ppbv	98
25) Ethyl Acetate	2.839	43	43122	2.015	ppbv	97
26) Hexane	2.822	57	19691	2.112	ppbv	95
27) Carbon Disulfide	2.149	76	21945	2.017	ppbv #	43
28) Methyl tert-Butyl Ether	2.441	73	11119	1.985	ppbv	94
29) Chloroform	2.848	83	35127	2.010	ppbv	86
30) Cyclohexane	3.858	84	16056	2.060	ppbv	95
31) cis-1,2-Dichloroethene	2.719	61	22619	2.079	ppbv	95
32) 1,1,1-Trichloroethane	3.369	97	36768	1.940	ppbv	99
34) 2-Butanone	2.557	43	31242	2.139	ppbv	95
35) Carbon Tetrachloride	3.764	117	35326	2.011	ppbv	97
36) Benzene	3.661	78	41848	2.196	ppbv #	88
37) 1,2-Dichloroethane	3.217	62	31049	2.114	ppbv	99
38) Trichloroethene	4.544	130	9503	1.308	ppbv	91
39) 1,2-Dichloropropane	4.311	63	14611	2.047	ppbv	91
40) 1,4-Dioxane	4.593	88	4312	1.299	ppbv #	100
41) Tetrahydrofuran	3.059	42	14824	2.140	ppbv	95
42) Bromodichloromethane	4.489	83	37615	2.096	ppbv #	99
43) Methyl Methacrylate	4.884	69	14111	1.989	ppbv #	88
44) 2,2,4-Trimethylpentane	4.638	57	65967	2.142	ppbv	99
45) t-1,3-Dichloropropene	6.409	75	15248	1.632	ppbv #	85

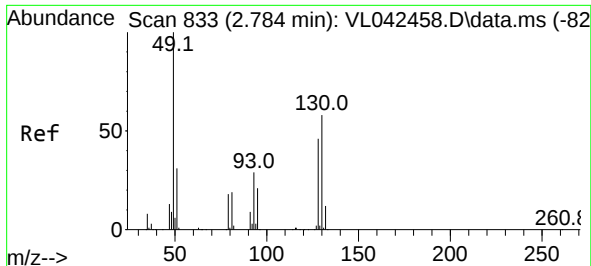
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 Data File : VL042459.D
 Acq On : 01 May 2025 09:37
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Quant Time: May 02 01:40:35 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 01:37:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	22184	2.000	ppbv	93
47) 1,1,2-Trichloroethane	6.587	97	13861	1.771	ppbv #	85
48) Dibromochloromethane	7.386	129	27174	2.057	ppbv	99
49) Bromoform	9.483	173	23126	2.088	ppbv	98
50) 4-Methyl-2-Pentanone	5.758	43	39798	2.155	ppbv	99
51) 2-Hexanone	7.441	43	32196	2.177	ppbv #	97
52) Tetrachloroethene	8.224	164	13670	1.885	ppbv	93
53) Toluene	6.930	91	41392	2.052	ppbv	97
54) 1,2-Dibromoethane	7.652	107	24650	2.049	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.927	131	20822	2.019	ppbv	95
57) Chlorobenzene	8.920	112	36187	2.062	ppbv #	88
58) Ethyl Benzene	9.354	91	61177	2.096	ppbv	91
59) m/p-Xylene	9.532	91	49942	2.041	ppbv #	33
60) o-Xylene	9.963	91	53051	2.169	ppbv	99
61) Styrene	9.872	104	18776	2.054	ppbv	97
62) Isopropylbenzene	10.539	105	75626	2.140	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.963	83	34562	2.178	ppbv	98
64) n-propylbenzene	10.989	120	19160	2.226	ppbv	94
65) tert-Butylbenzene	11.532	119	70813	2.246	ppbv	97
66) Benzyl Chloride	11.613	91	6794	1.864	ppbv	97
67) sec-Butylbenzene	11.769	105	101458	2.264	ppbv	99
69) p-Isopropyltoluene	11.924	119	84026	2.226	ppbv	98
70) n-Butylbenzene	12.280	91	89400	2.291	ppbv	97
71) 2-Chlorotoluene	10.901	91	59271	2.139	ppbv	97
72) 4-Ethyltoluene	11.124	105	63833	2.210	ppbv	98
73) 1,3,5-Trimethylbenzene	11.205	105	56516	2.225	ppbv	94
74) 1,2,4-Trimethylbenzene	11.536	105	72485	2.359	ppbv	94
75) 1,3-Dichlorobenzene	11.607	146	36885	2.156	ppbv	97
76) 1,4-Dichlorobenzene	11.671	146	33728	2.083	ppbv	94
77) 1,2-Dichlorobenzene	11.947	146	36078	2.154	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	37360	2.234	ppbv	99
79) Naphthalene	13.513	128	75248	2.920	ppbv	96
80) Naphthalene,2-methyl-	14.458	142	54922	2.857	ppbv	96
81) 1,2,4-Trichlorobenzene	13.442	180	33063	2.396	ppbv	95

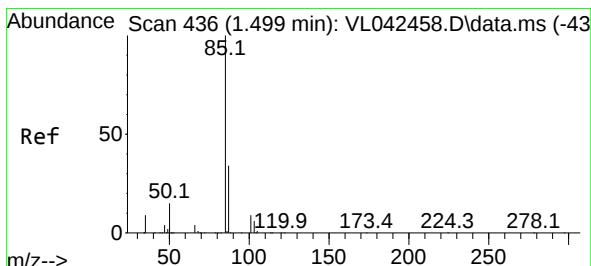
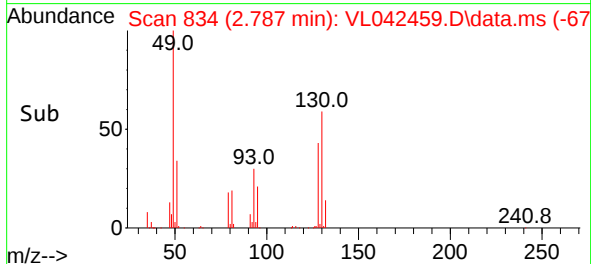
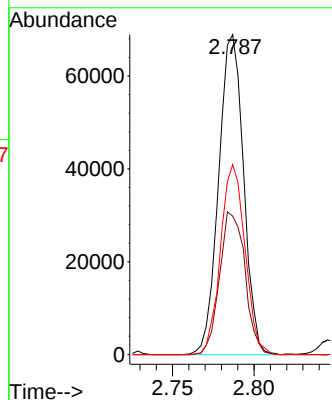
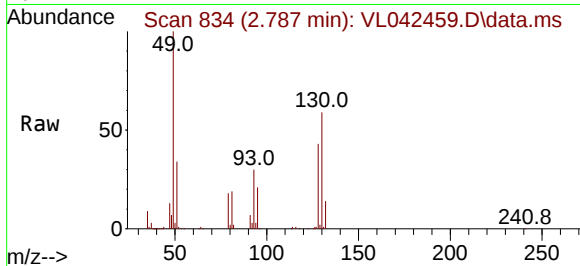
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

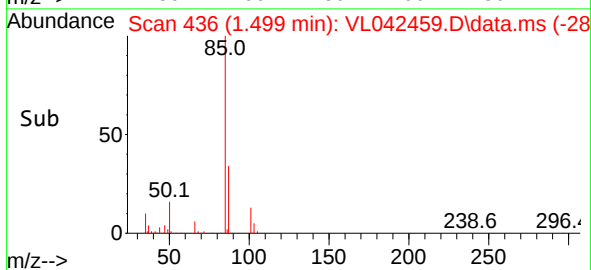
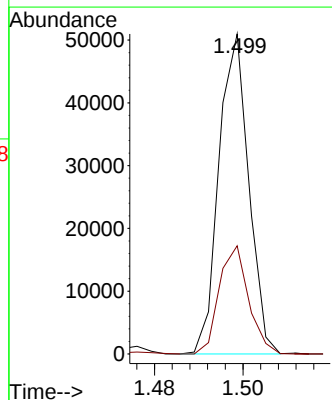
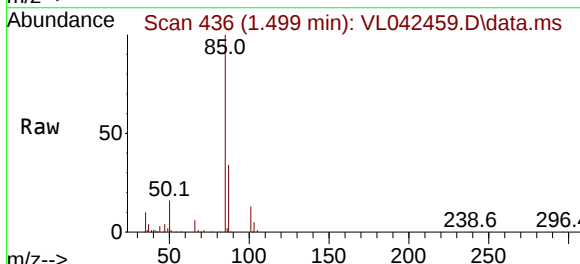
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ClientSampleId :
VSTDIC002

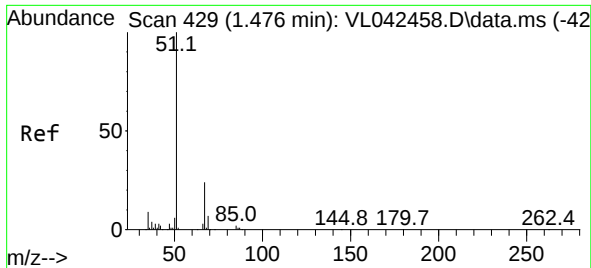
Tgt Ion: 49 Resp: 73220
Ion Ratio Lower Upper
49 100
128 45.4 23.3 69.9
130 58.4 29.5 88.6



#2
Dichlorodifluoromethane
Concen: 1.969 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion: 85 Resp: 23859
Ion Ratio Lower Upper
85 100
87 33.8 26.9 40.3

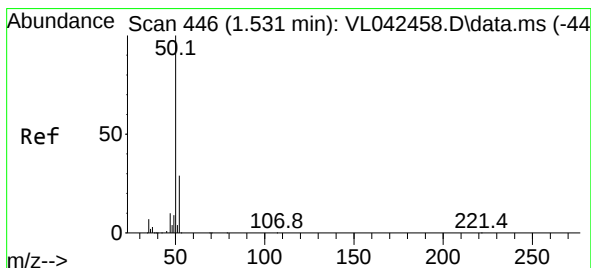
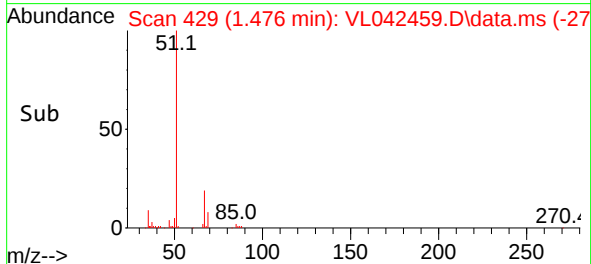
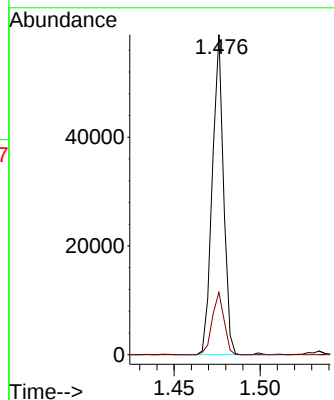
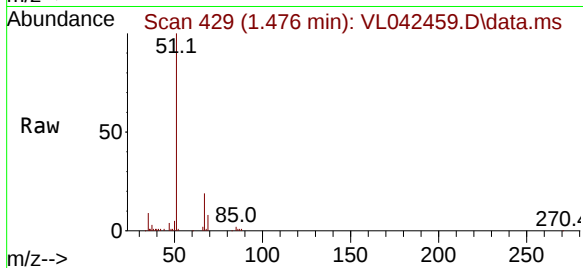




#3
Chlorodifluoromethane
Concen: 2.081 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

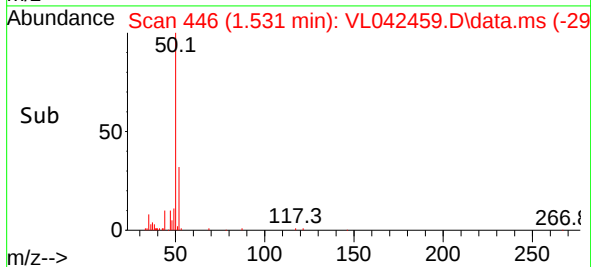
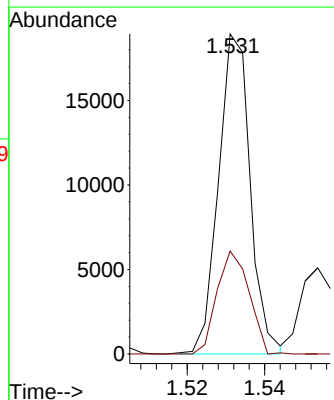
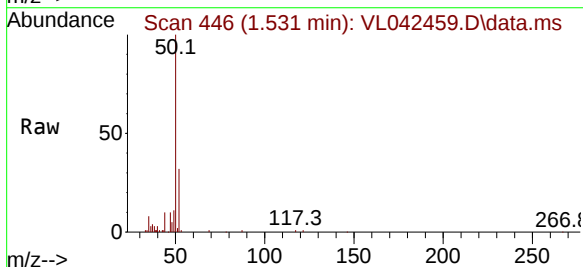
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ClientSampleId :
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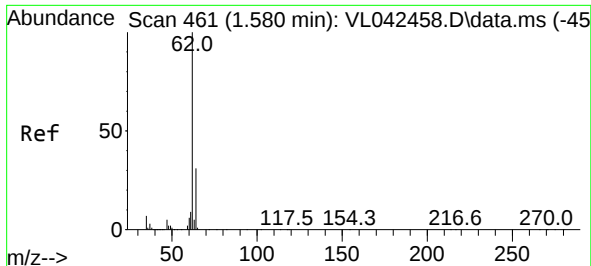
Tgt Ion: 51 Resp: 26655
Ion Ratio Lower Upper
51 100
67 20.6 18.4 27.6



#4
Chloromethane
Concen: 2.123 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion: 50 Resp: 10751
Ion Ratio Lower Upper
50 100
52 32.3 23.5 35.3

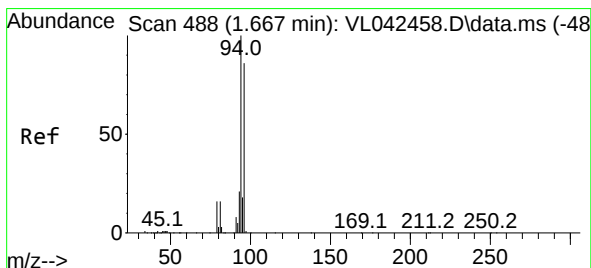
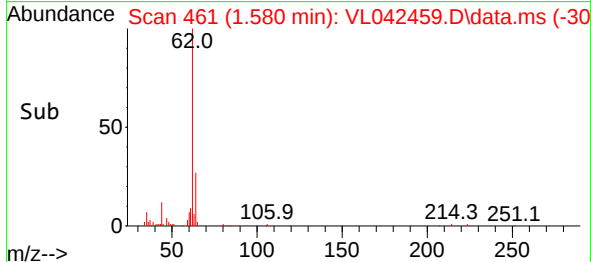
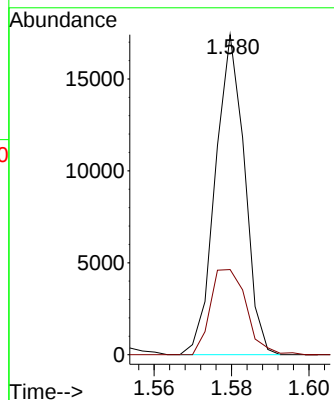
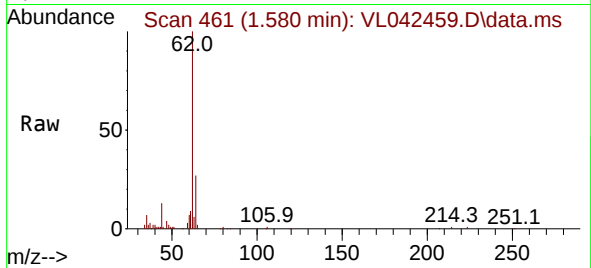




#5
 Vinyl Chloride
 Concen: 1.789 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042459.D
 Acq: 01 May 2025 09:37

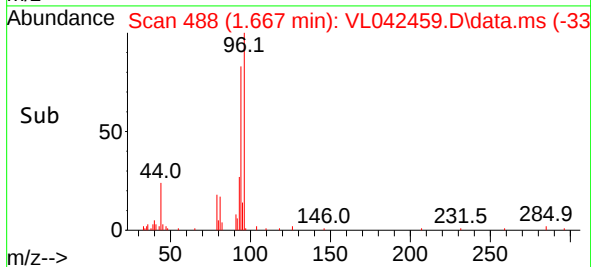
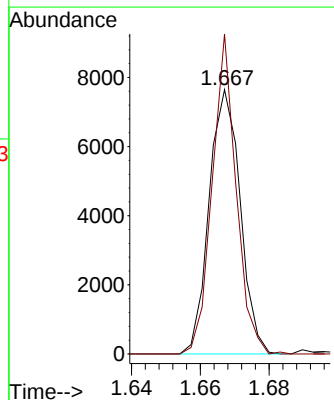
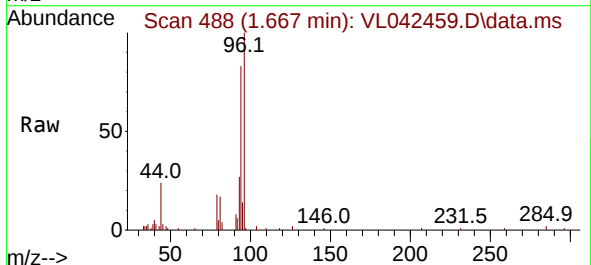
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

Tgt Ion: 62 Resp: 9122
 Ion Ratio Lower Upper
 62 100
 64 26.6 24.9 37.3



#6
 Bromomethane
 Concen: 1.990 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042459.D
 Acq: 01 May 2025 09:37

Tgt Ion: 94 Resp: 4793
 Ion Ratio Lower Upper
 94 100
 96 121.0 68.8 103.2#

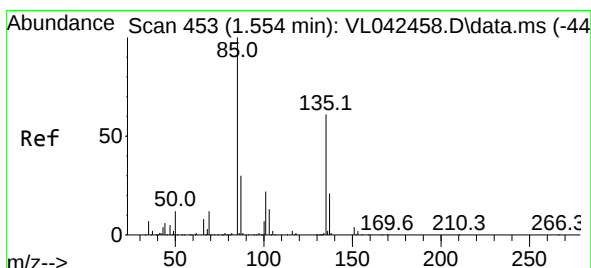
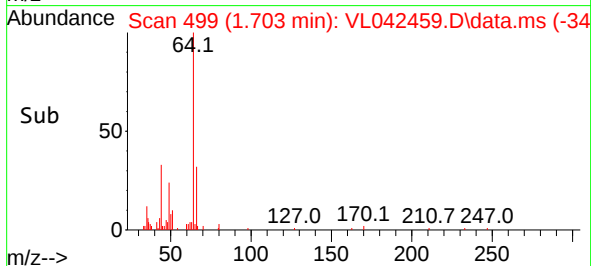
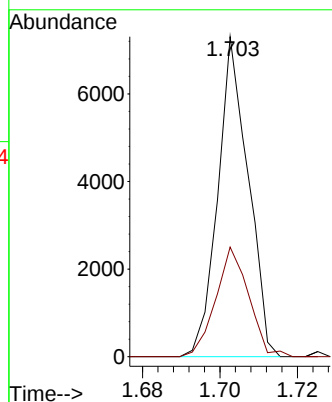
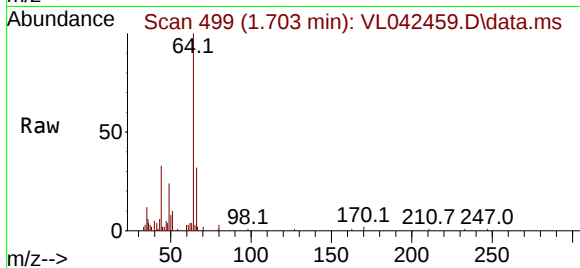




#7
Chloroethane
Concen: 2.110 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

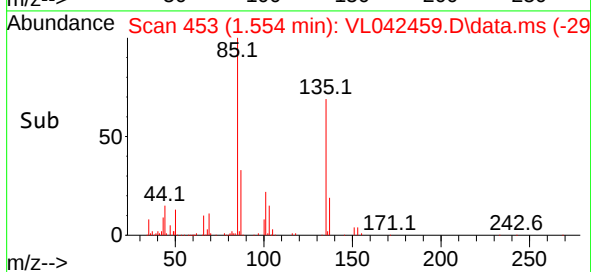
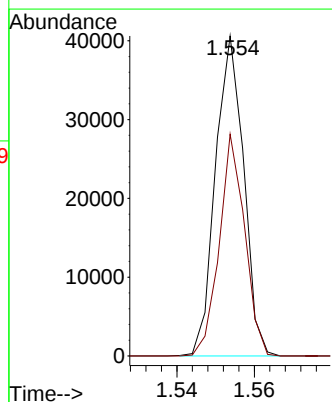
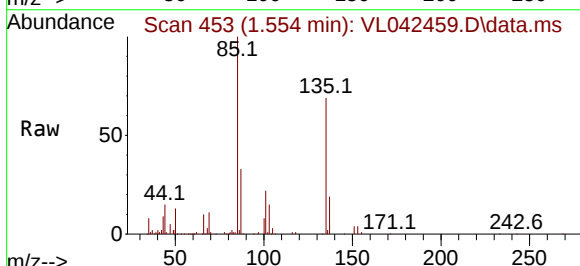
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

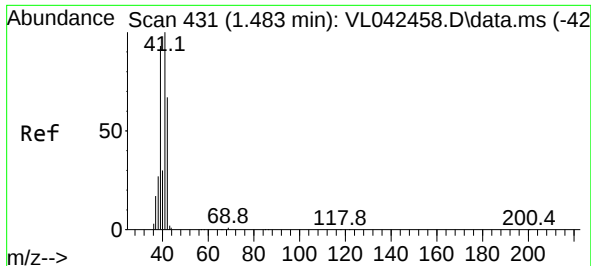
Tgt Ion: 64 Resp: 3972
Ion Ratio Lower Upper
64 100
66 34.3 25.0 37.4



#8
Dichlorotetrafluoroethane
Concen: 2.055 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion: 85 Resp: 20529
Ion Ratio Lower Upper
85 100
135 62.6 49.8 74.8





#9

Propene

Concen: 2.204 ppbv

RT: 1.482 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042459.D

Acq: 01 May 2025 09:37

Instrument :

MSVOA_L

ClientSampleId :

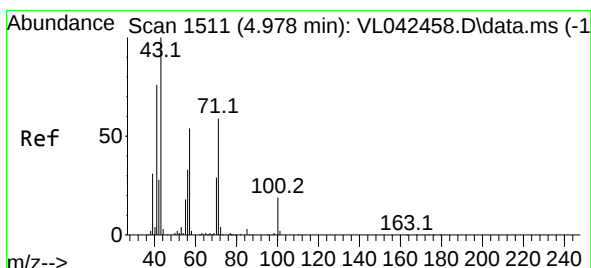
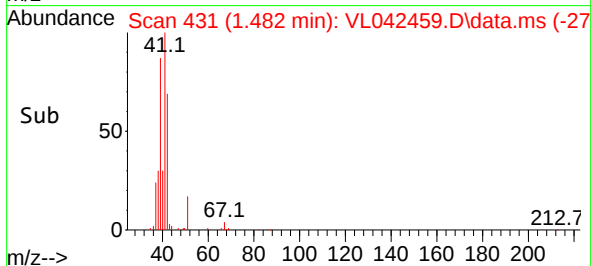
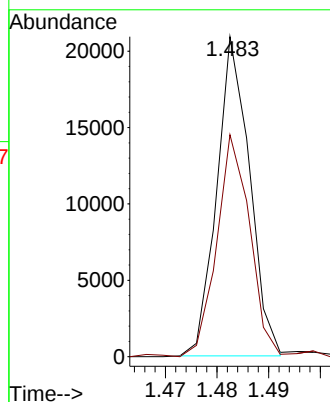
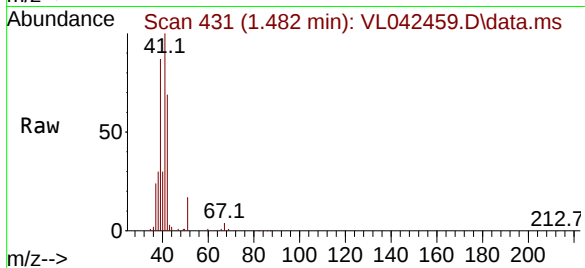
VSTDIC002

Tgt Ion: 41 Resp: 9234

Ion Ratio Lower Upper

41 100

42 72.2 54.3 81.5



#10

Heptane

Concen: 1.274 ppbv

RT: 4.978 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VL042459.D

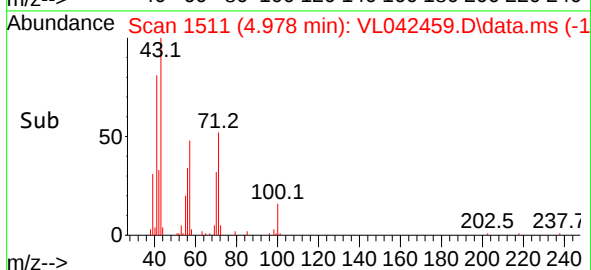
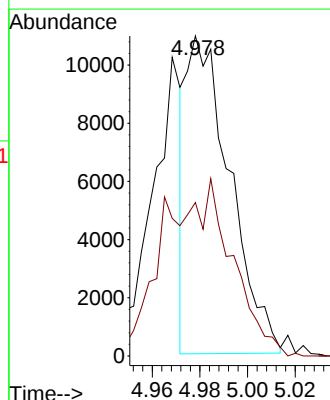
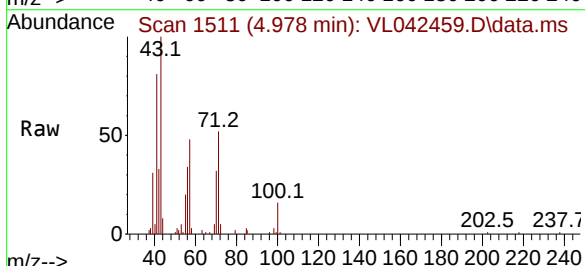
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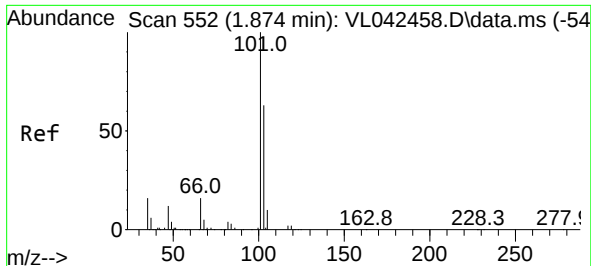
Tgt Ion: 43 Resp: 13843

Ion Ratio Lower Upper

43 100

57 88.2 41.8 62.8#

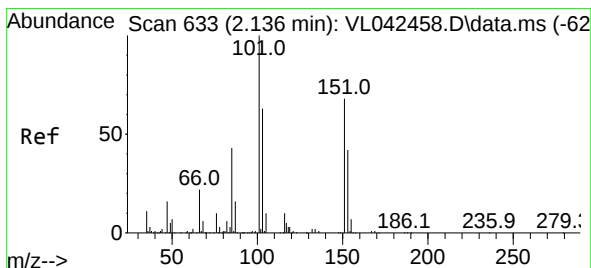
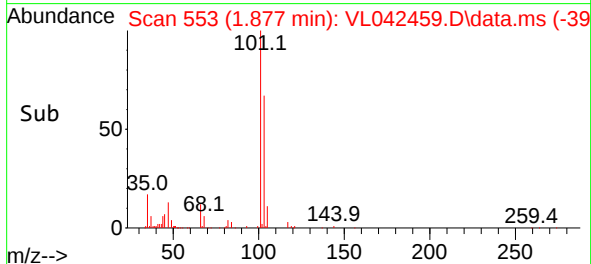
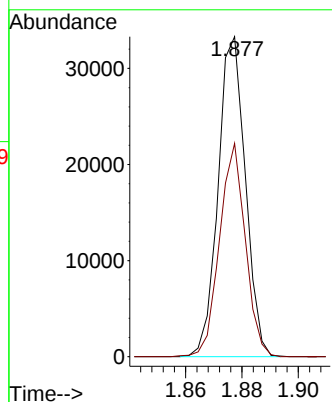
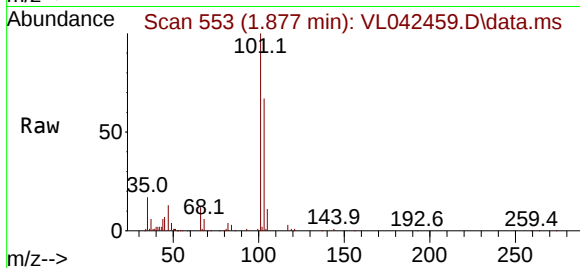




#11
Trichlorofluoromethane
Concen: 2.070 ppbv
RT: 1.877 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

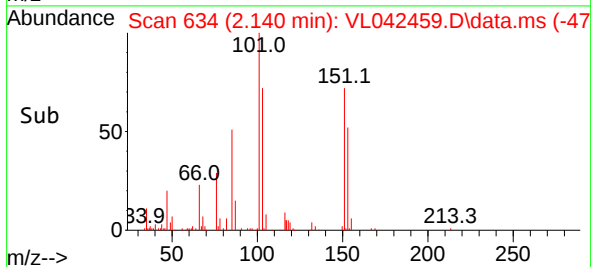
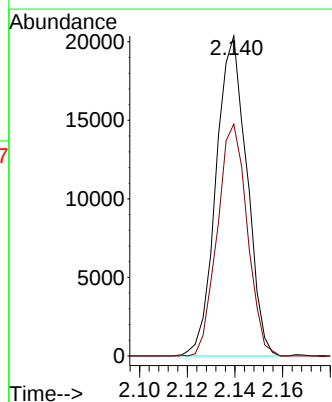
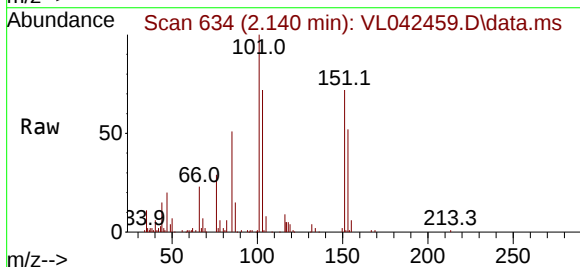
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ClientSampleId :
VSTDIC002

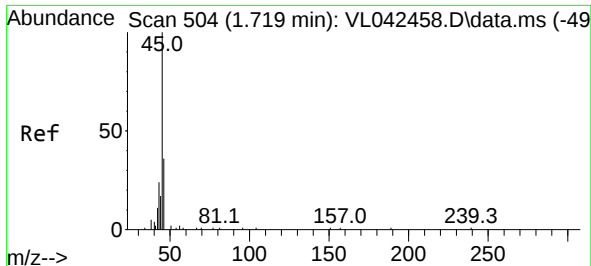
Tgt Ion:101 Resp: 22375
Ion Ratio Lower Upper
101 100
103 66.6 50.6 76.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.042 ppbv
RT: 2.140 min Scan# 634
Delta R.T. 0.003 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion:101 Resp: 18230
Ion Ratio Lower Upper
101 100
151 70.4 54.6 82.0

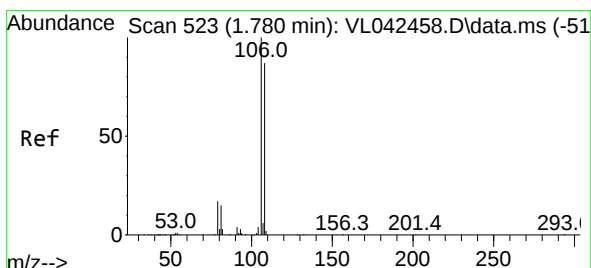
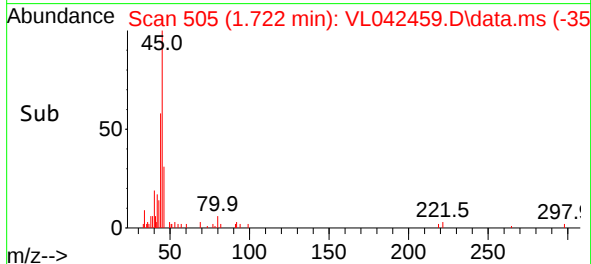
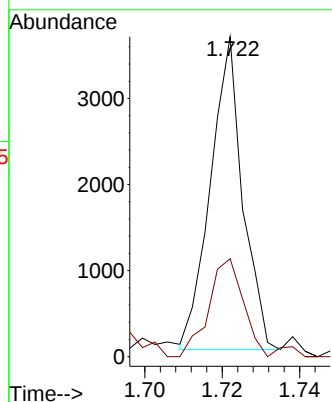
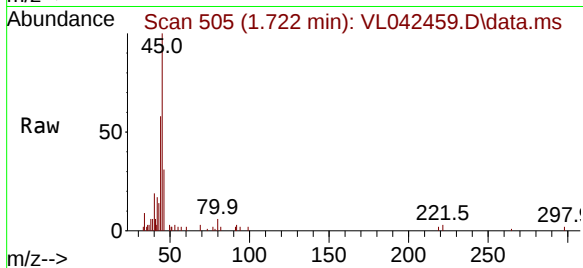




#13
 Ethanol
 Concen: 2.468 ppbv
 RT: 1.722 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VL042459.D
 Acq: 01 May 2025 09:37

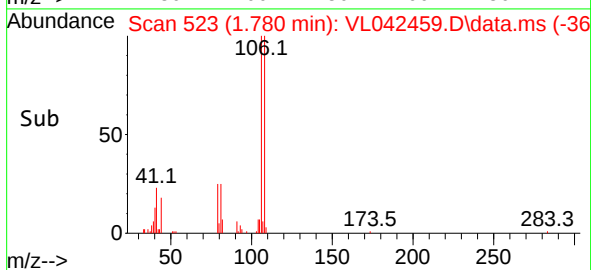
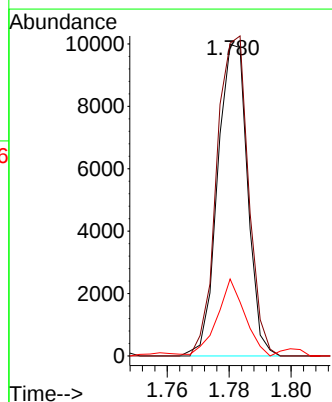
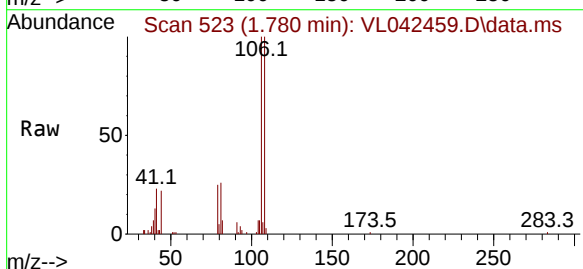
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

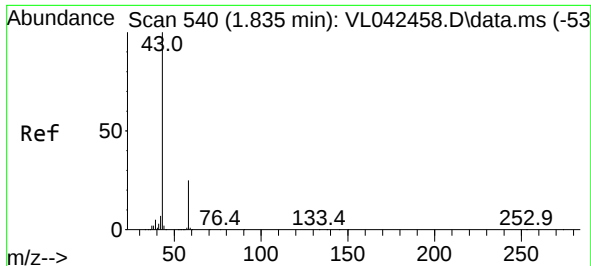
Tgt Ion: 45 Resp: 2099
 Ion Ratio Lower Upper
 45 100
 46 41.9 15.3 61.1



#14
 Bromoethene
 Concen: 2.029 ppbv
 RT: 1.780 min Scan# 523
 Delta R.T. -0.000 min
 Lab File: VL042459.D
 Acq: 01 May 2025 09:37

Tgt Ion: 108 Resp: 6686
 Ion Ratio Lower Upper
 108 100
 106 108.2 88.8 133.2
 79 25.7 17.1 25.7#

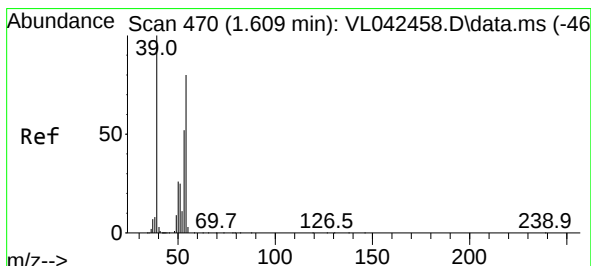
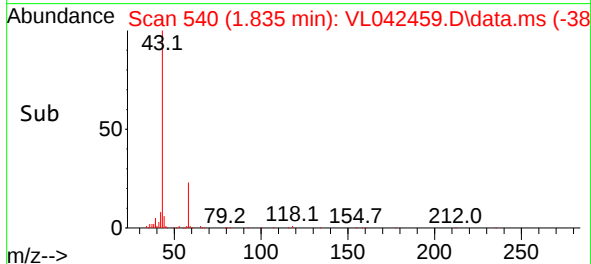
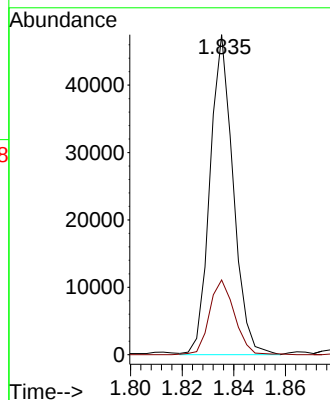
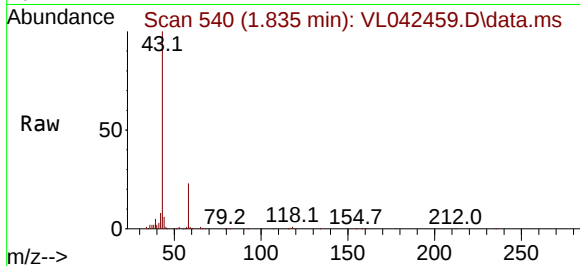




#15
Acetone
Concen: 2.215 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

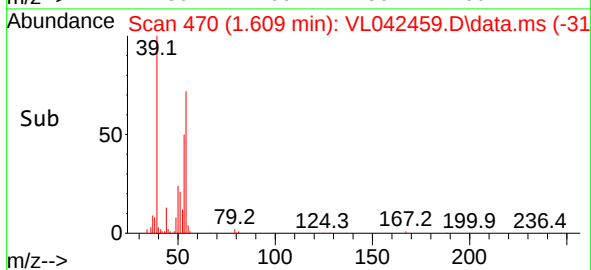
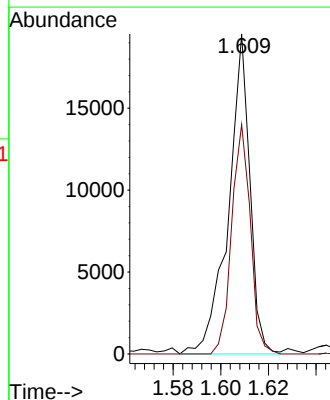
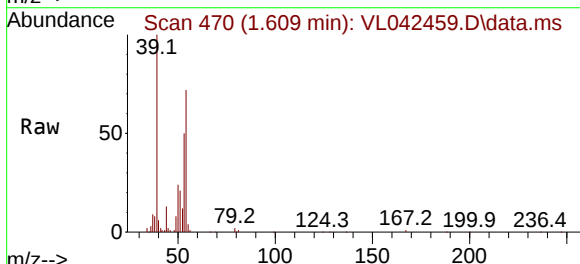
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

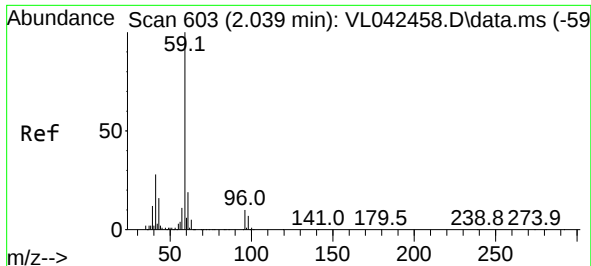
Tgt Ion: 43 Resp: 29607
Ion Ratio Lower Upper
43 100
58 25.1 19.8 29.8



#16
1,3-Butadiene
Concen: 2.077 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion: 39 Resp: 12245
Ion Ratio Lower Upper
39 100
54 62.1 55.2 82.8

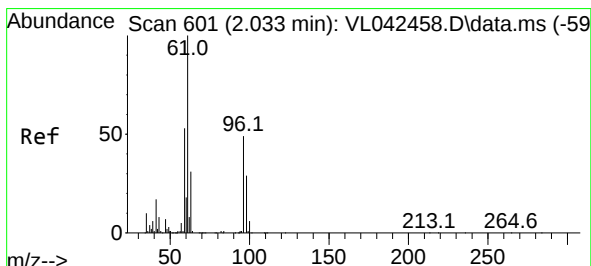
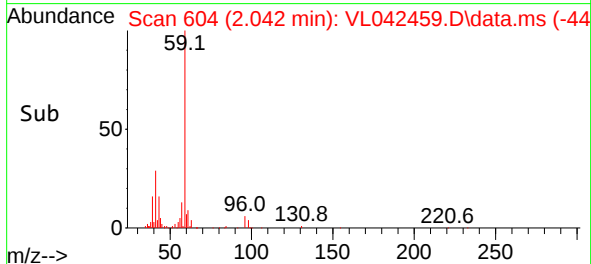
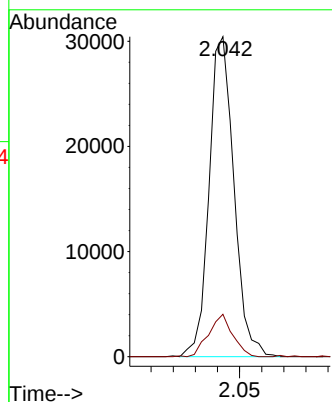
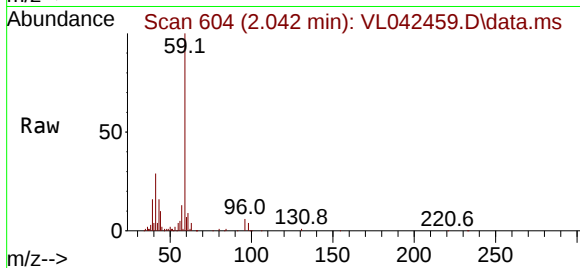




#17
tert-Butyl alcohol
Concen: 2.014 ppbv
RT: 2.042 min Scan# 604
Delta R.T. 0.003 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

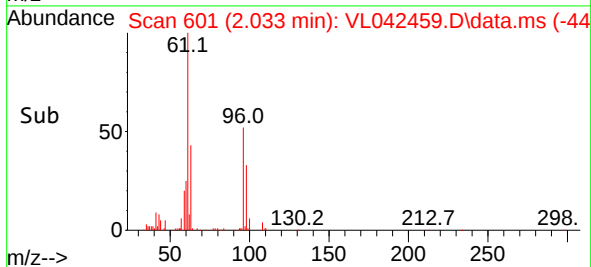
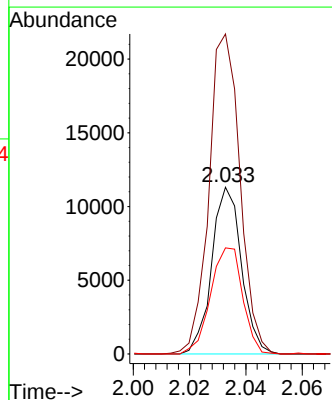
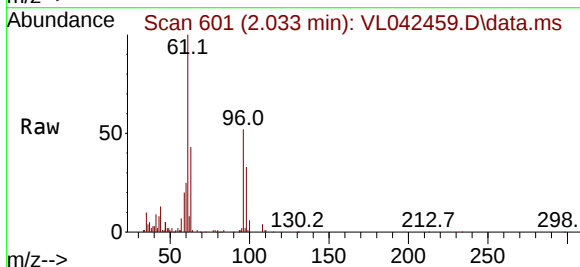
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

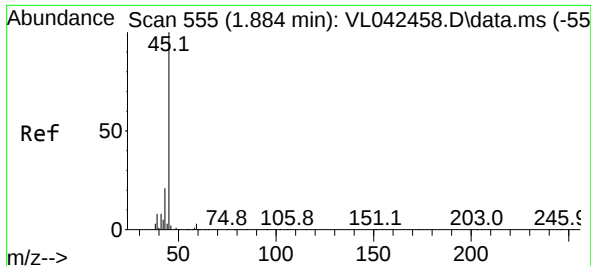
Tgt Ion: 59 Resp: 23722
Ion Ratio Lower Upper
59 100
57 12.9 8.3 12.5#



#18
1,1-Dichloroethene
Concen: 1.992 ppbv
RT: 2.033 min Scan# 601
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion: 96 Resp: 8303
Ion Ratio Lower Upper
96 100
61 191.9 164.9 247.3
98 63.6 48.2 72.2

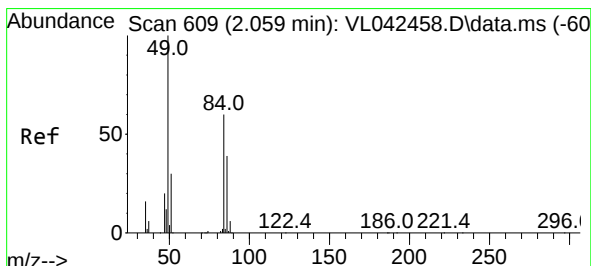
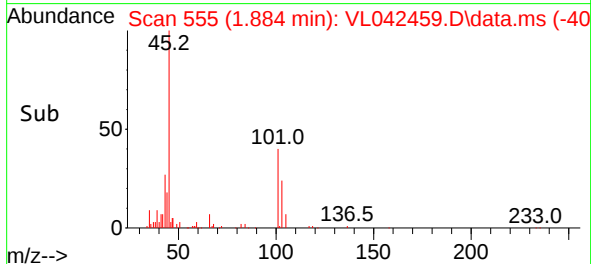
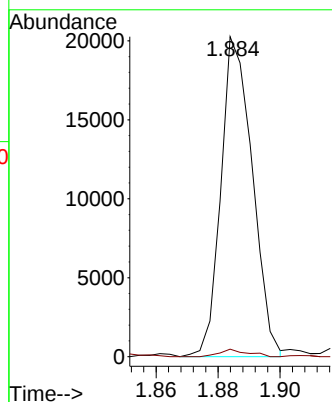
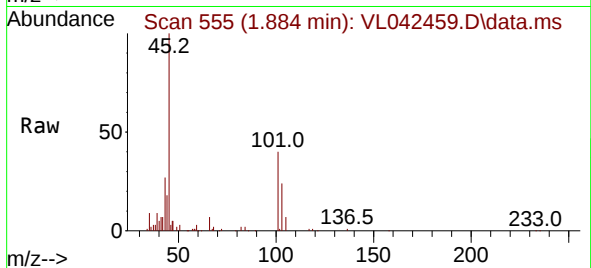




#19
Isopropyl Alcohol
Concen: 1.931 ppbv
RT: 1.884 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

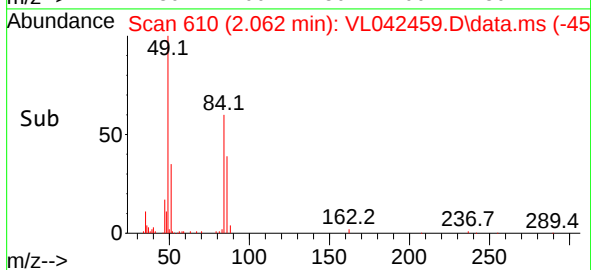
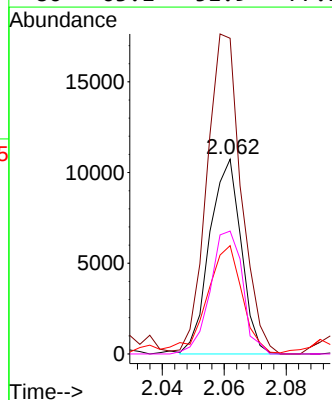
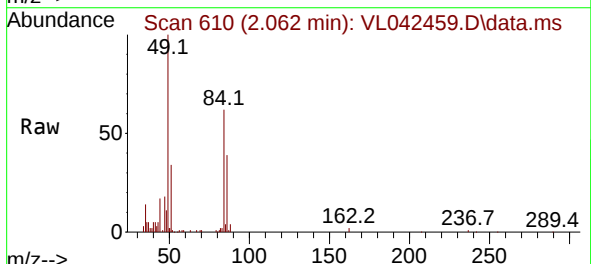
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

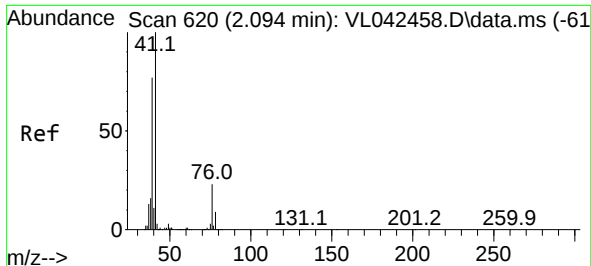
Tgt Ion: 45 Resp: 14288
Ion Ratio Lower Upper
45 100
58 2.3 1.6 2.4



#20
Methylene Chloride
Concen: 1.889 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion: 84 Resp: 7590
Ion Ratio Lower Upper
84 100
49 162.1 133.9 200.9
51 55.0 41.0 61.6
86 63.1 51.9 77.9

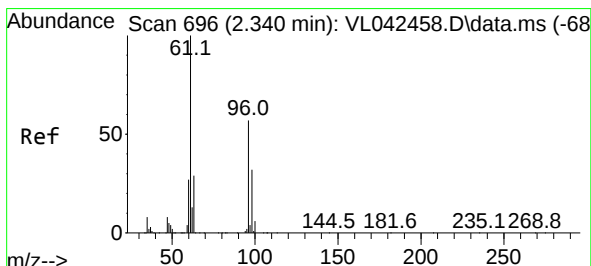
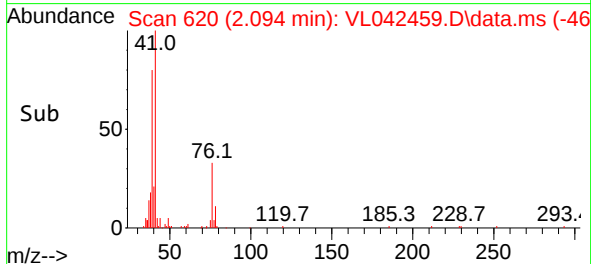
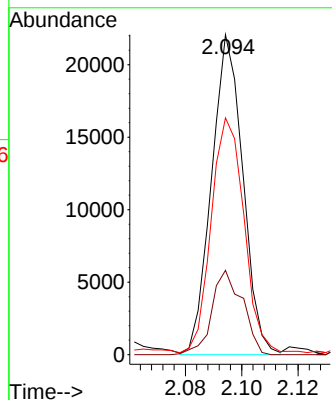
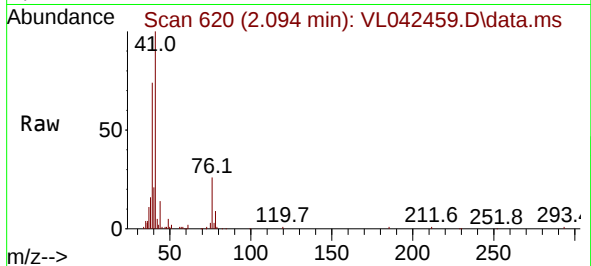




#21
 Allyl Chloride
 Concen: 1.983 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL042459.D
 Acq: 01 May 2025 09:37

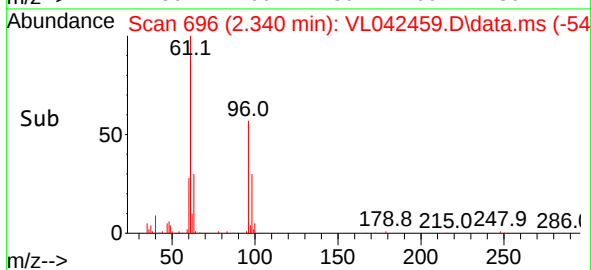
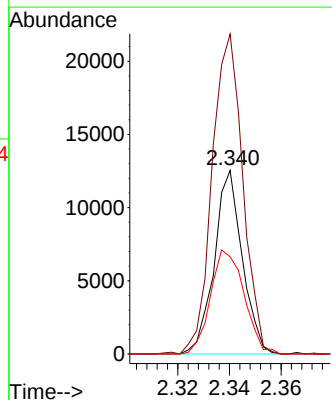
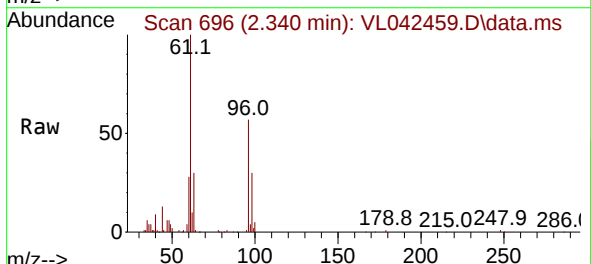
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

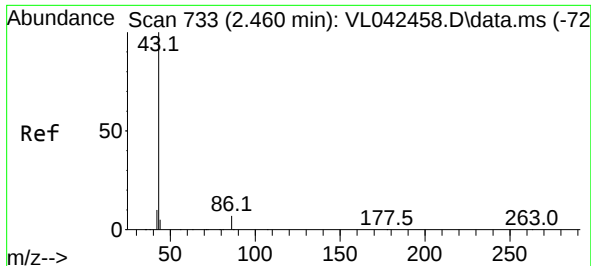
Tgt Ion: 41 Resp: 17050
 Ion Ratio Lower Upper
 41 100
 76 25.8 19.6 29.4
 39 79.8 61.0 91.4



#22
 trans-1,2-Dichloroethene
 Concen: 1.940 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VL042459.D
 Acq: 01 May 2025 09:37

Tgt Ion: 96 Resp: 9444
 Ion Ratio Lower Upper
 96 100
 61 174.3 141.8 212.6
 98 52.9 45.0 67.6



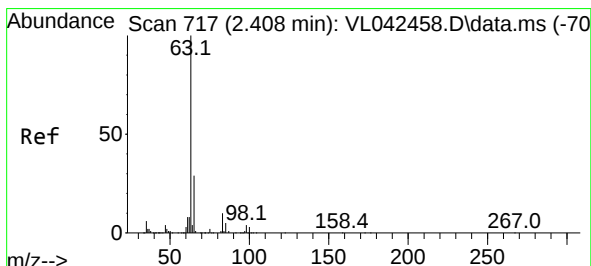
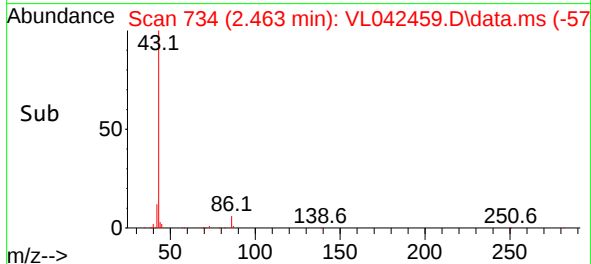
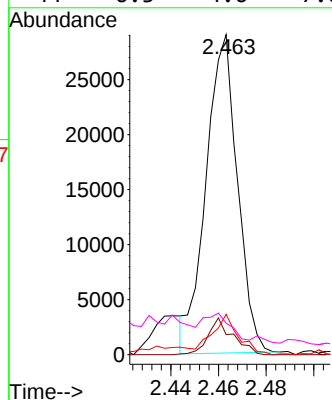
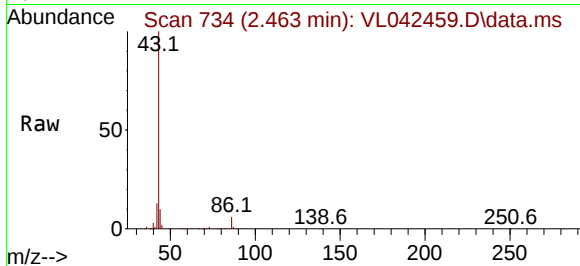


#23
 Vinyl Acetate
 Concen: 2.128 ppbv
 RT: 2.463 min Scan# 717
 Delta R.T. 0.003 min
 Lab File: VL042459.D
 Acq: 01 May 2025 09:37

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

Tgt Ion: 43 Resp: 26502

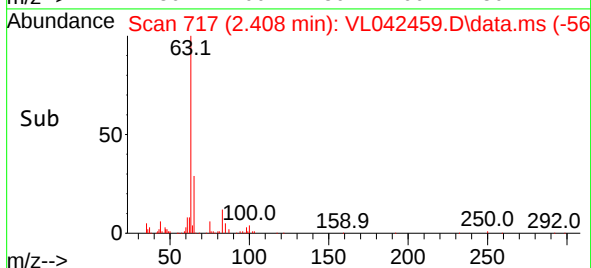
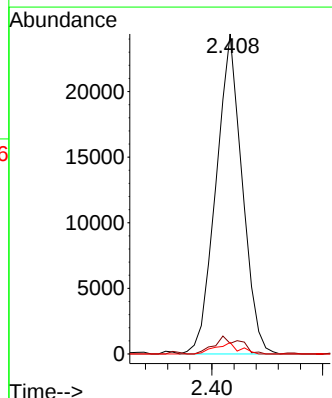
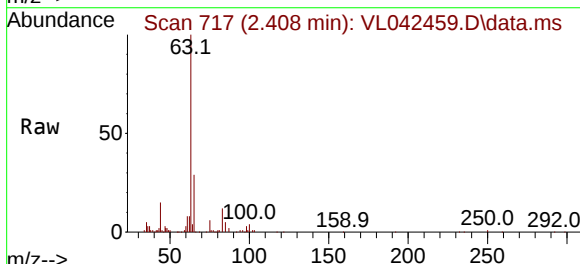
Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.5	8.3
42	11.6	8.3	12.5
44	6.3	4.6	7.0

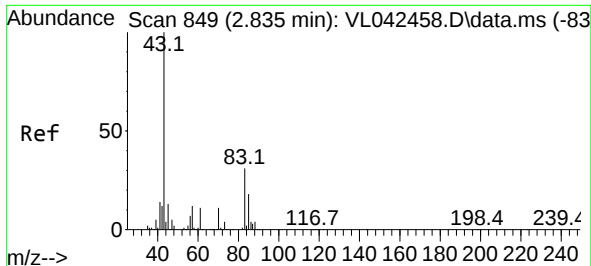


#24
 1,1-Dichloroethane
 Concen: 2.016 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.000 min
 Lab File: VL042459.D
 Acq: 01 May 2025 09:37

Tgt Ion: 63 Resp: 20027

Ion	Ratio	Lower	Upper
63	100		
98	3.3	1.8	5.5
100	3.6	1.4	4.2





#25

Ethyl Acetate

Concen: 2.015 ppbv

RT: 2.839 min Scan# 849

Delta R.T. 0.003 min

Lab File: VL042459.D

Acq: 01 May 2025 09:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 43 Resp: 43122

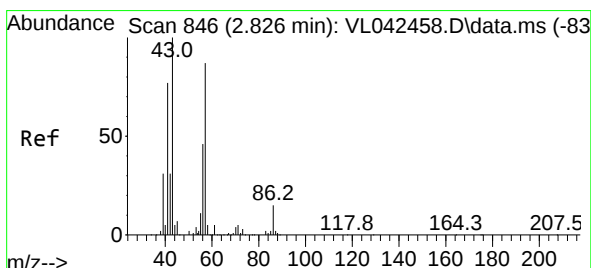
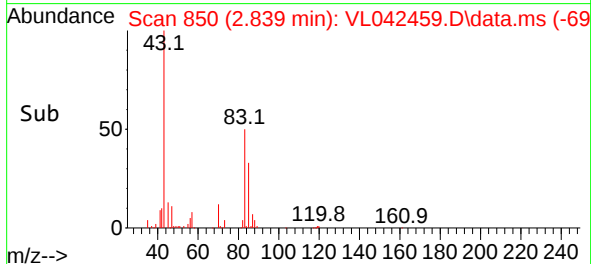
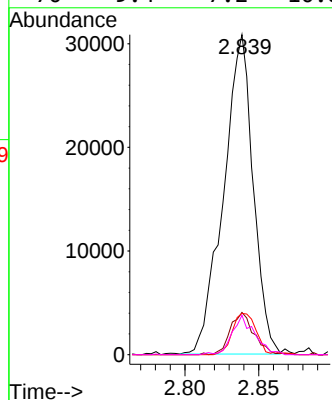
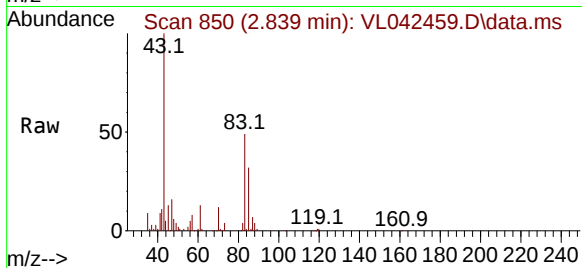
Ion Ratio Lower Upper

43 100

45 10.7 7.8 11.6

61 10.6 7.2 10.8

70 9.4 7.2 10.8



#26

Hexane

Concen: 2.112 ppbv

RT: 2.822 min Scan# 845

Delta R.T. -0.003 min

Lab File: VL042459.D

Acq: 01 May 2025 09:37

Tgt Ion: 57 Resp: 19691

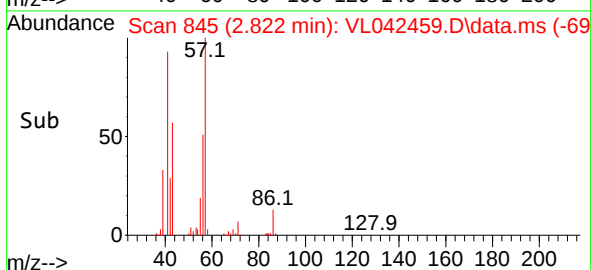
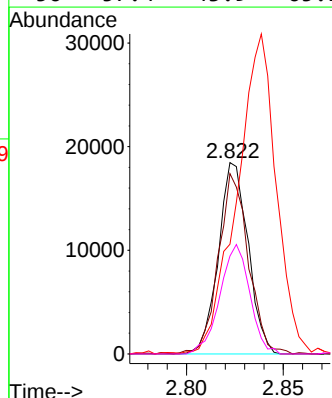
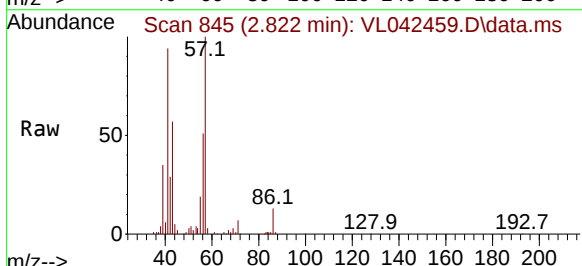
Ion Ratio Lower Upper

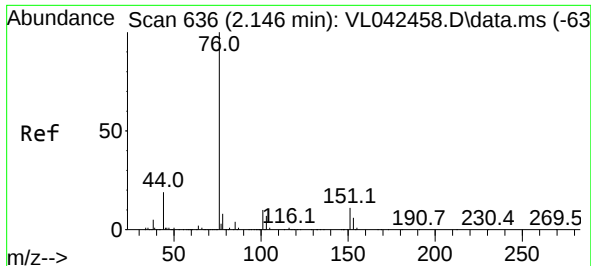
57 100

41 95.1 77.8 116.8

43 223.3 187.0 280.6

56 57.4 43.9 65.9





#27

Carbon Disulfide

Concen: 2.017 ppbv

RT: 2.149 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL042459.D

Acq: 01 May 2025 09:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

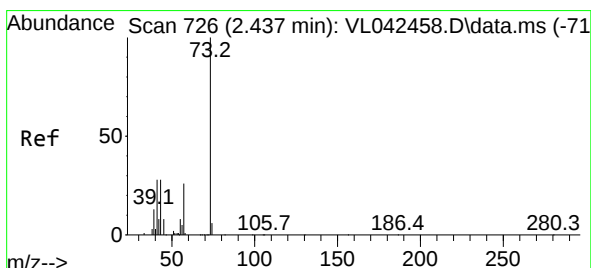
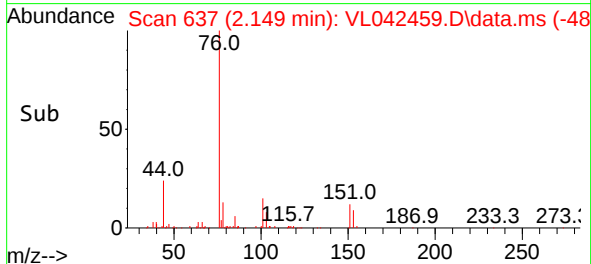
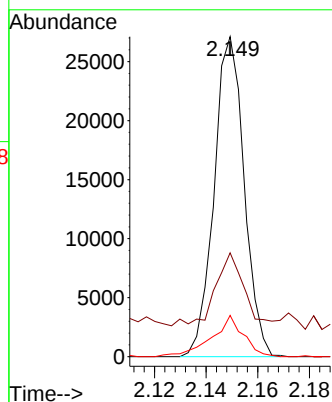
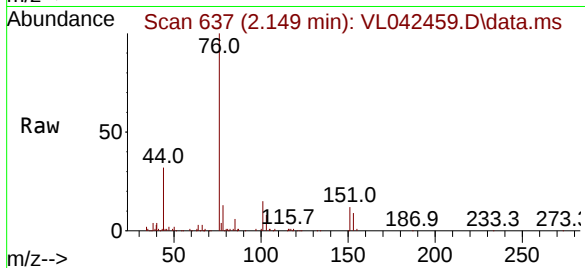
Tgt Ion: 76 Resp: 21945

Ion Ratio Lower Upper

76 100

44 66.1 21.0 31.6#

78 13.6 8.6 13.0#



#28

Methyl tert-Butyl Ether

Concen: 1.985 ppbv

RT: 2.441 min Scan# 727

Delta R.T. 0.003 min

Lab File: VL042459.D

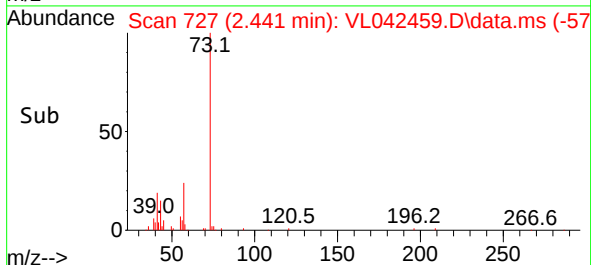
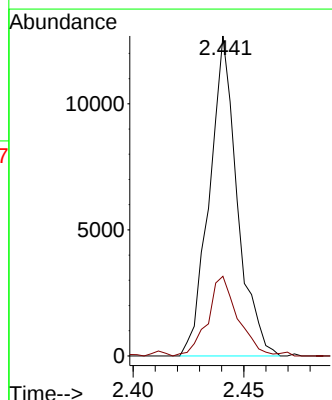
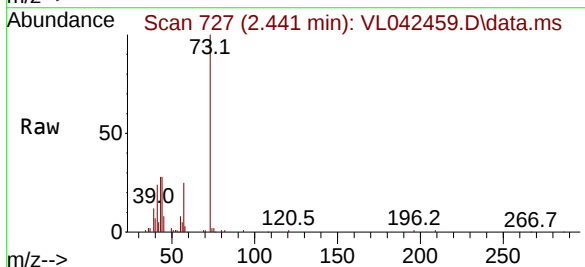
Acq: 01 May 2025 09:37

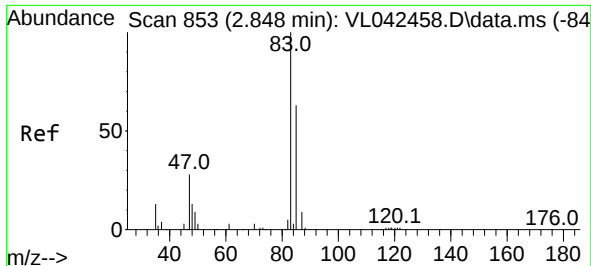
Tgt Ion: 73 Resp: 11119

Ion Ratio Lower Upper

73 100

57 28.0 19.9 29.9

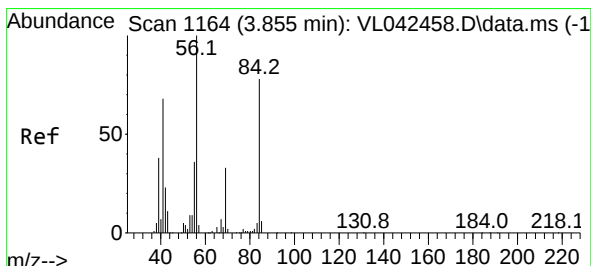
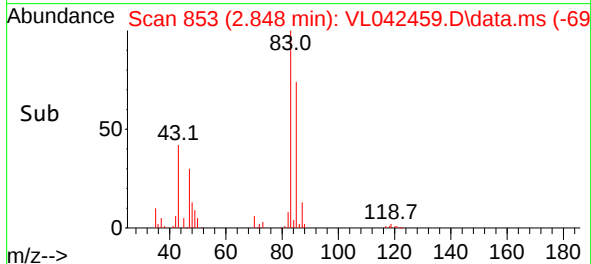
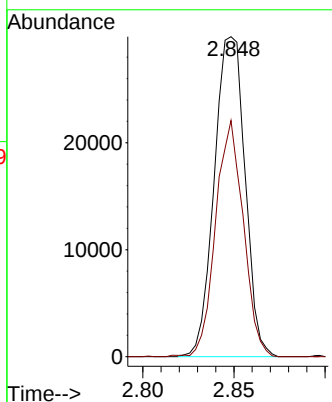
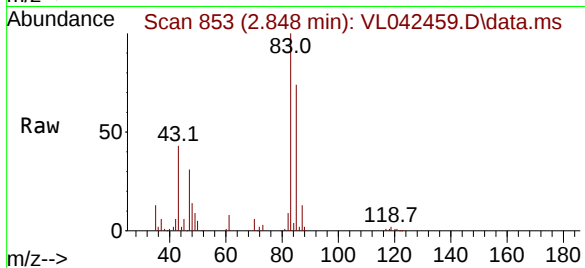




#29
Chloroform
Concen: 2.010 ppbv
RT: 2.848 min Scan# 853
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

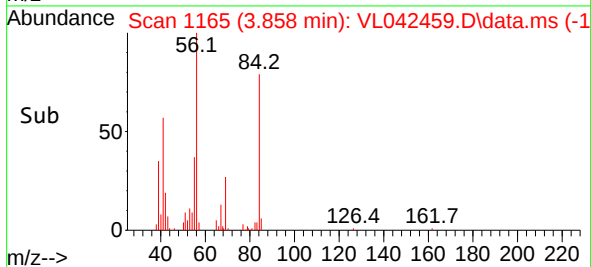
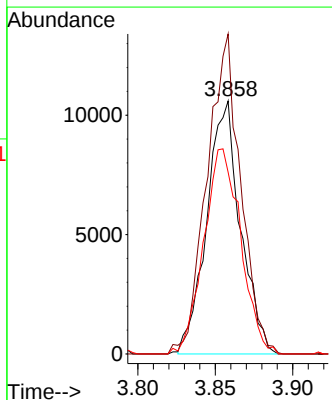
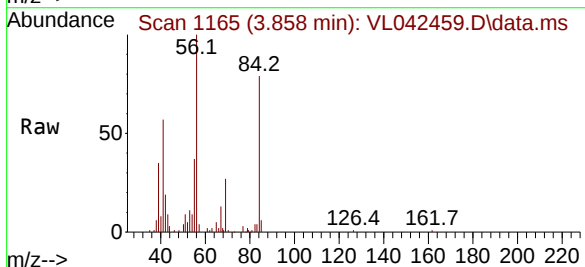
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

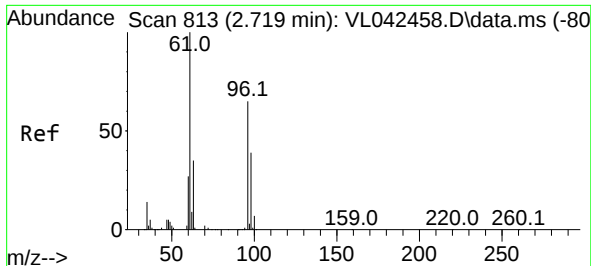
Tgt Ion: 83 Resp: 35127
Ion Ratio Lower Upper
83 100
85 73.8 50.4 75.6



#30
Cyclohexane
Concen: 2.060 ppbv
RT: 3.858 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion: 84 Resp: 16056
Ion Ratio Lower Upper
84 100
56 126.5 98.1 147.1
41 88.7 65.8 98.8

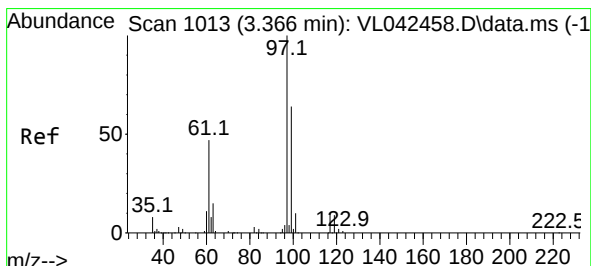
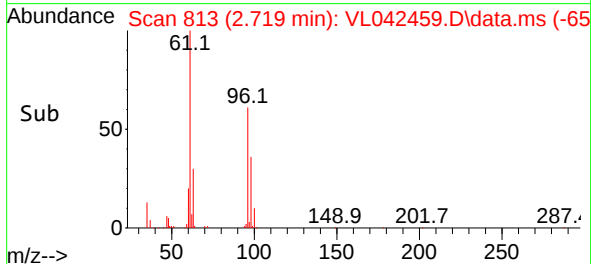
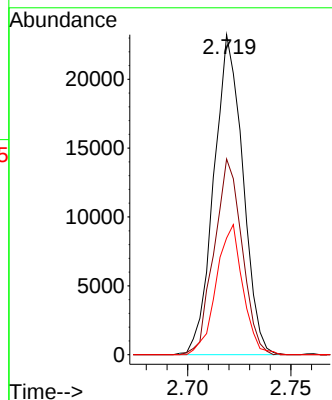
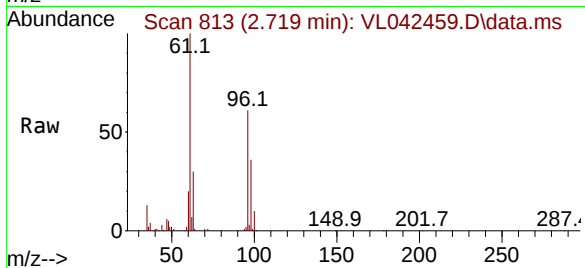




#31
 cis-1,2-Dichloroethene
 Concen: 2.079 ppbv
 RT: 2.719 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VL042459.D
 Acq: 01 May 2025 09:37

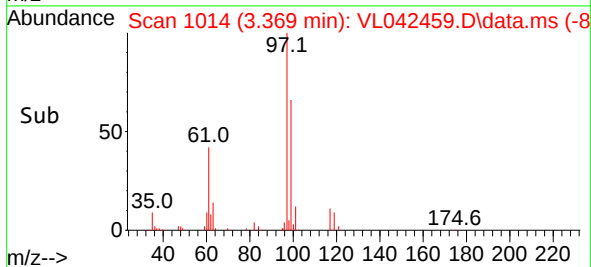
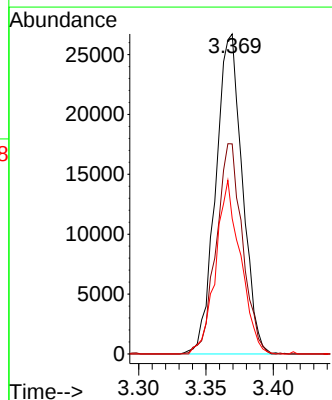
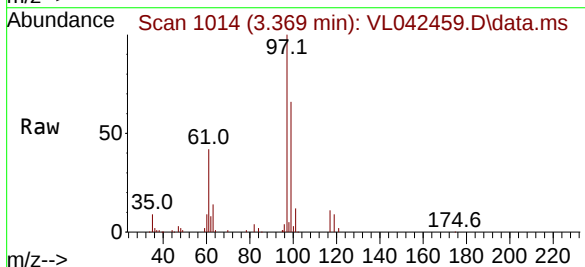
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

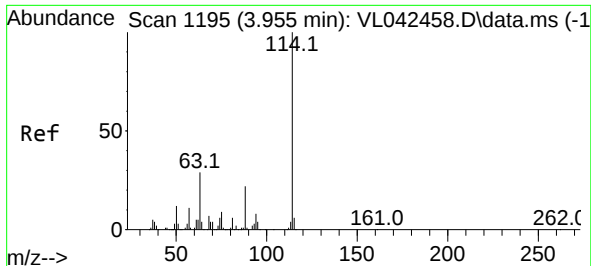
Tgt Ion:	61	Resp:	22619
Ion	Ratio	Lower	Upper
61	100		
96	61.1	52.0	78.0
98	36.5	31.0	46.6



#32
 1,1,1-Trichloroethane
 Concen: 1.940 ppbv
 RT: 3.369 min Scan# 1014
 Delta R.T. 0.003 min
 Lab File: VL042459.D
 Acq: 01 May 2025 09:37

Tgt Ion:	97	Resp:	36768
Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.7	76.1
61	50.8	40.9	61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VL042459.D

Acq: 01 May 2025 09:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

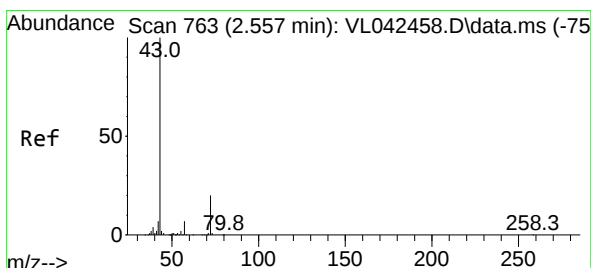
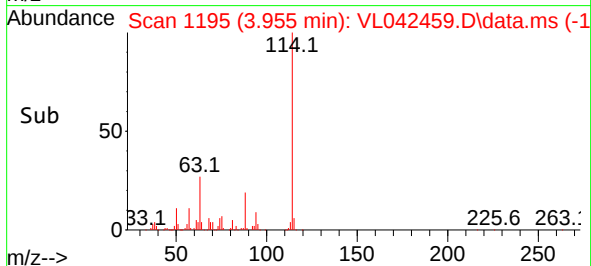
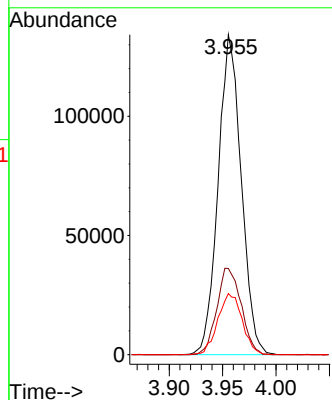
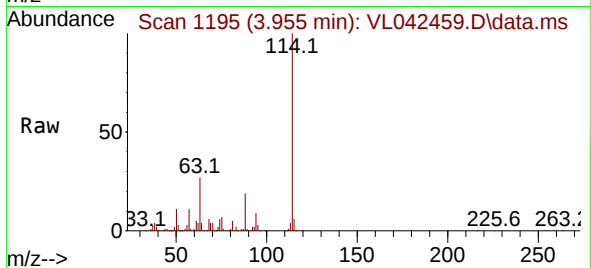
Tgt Ion:114 Resp: 201951

Ion Ratio Lower Upper

114 100

63 28.5 23.1 34.7

88 20.2 16.1 24.1



#34

2-Butanone

Concen: 2.139 ppbv

RT: 2.557 min Scan# 763

Delta R.T. -0.000 min

Lab File: VL042459.D

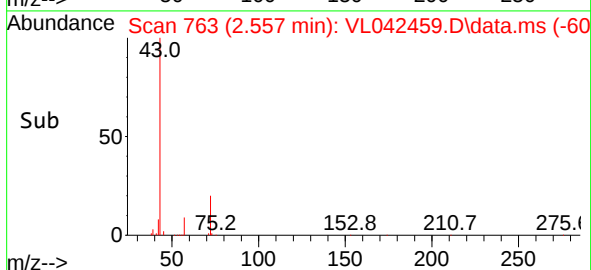
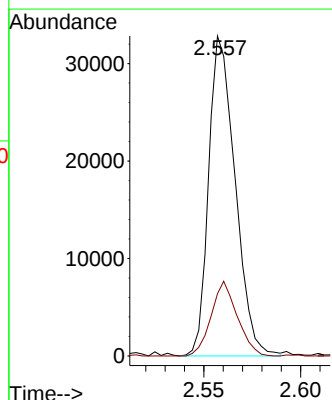
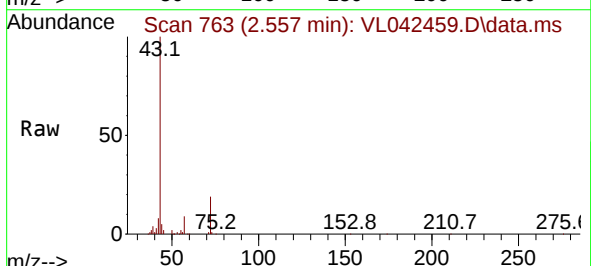
Acq: 01 May 2025 09:37

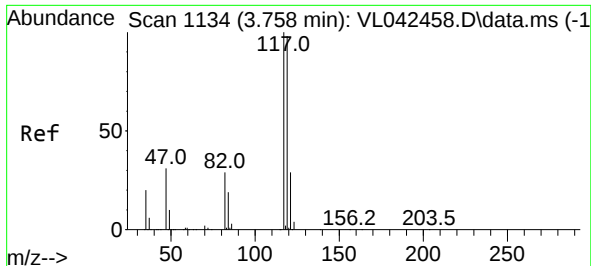
Tgt Ion: 43 Resp: 31242

Ion Ratio Lower Upper

43 100

72 23.2 16.7 25.1

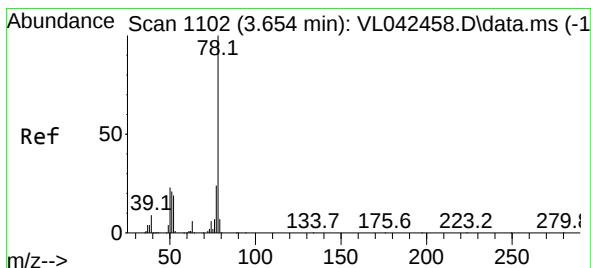
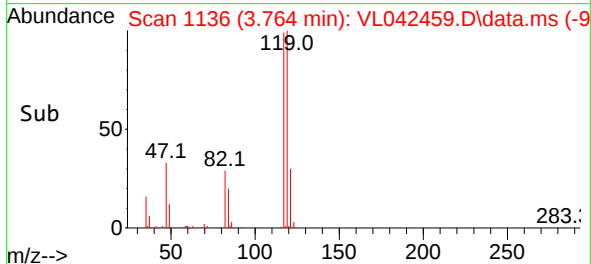
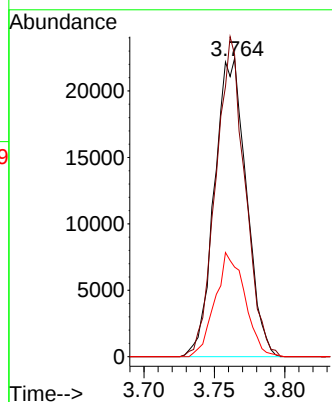
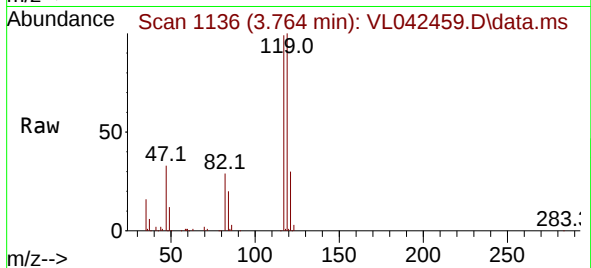




#35
Carbon Tetrachloride
Concen: 2.011 ppbv
RT: 3.764 min Scan# 1136
Delta R.T. 0.006 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

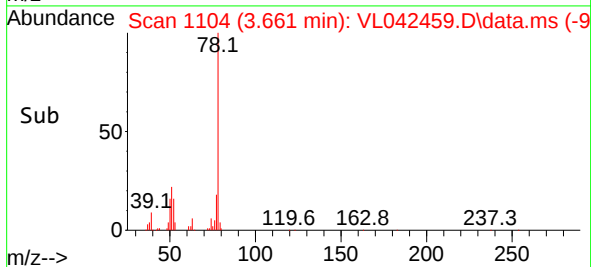
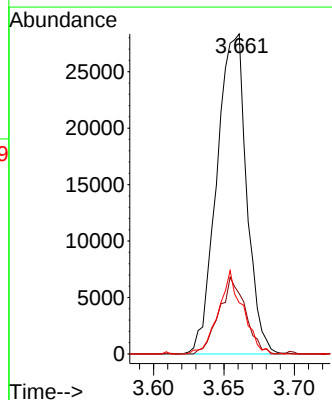
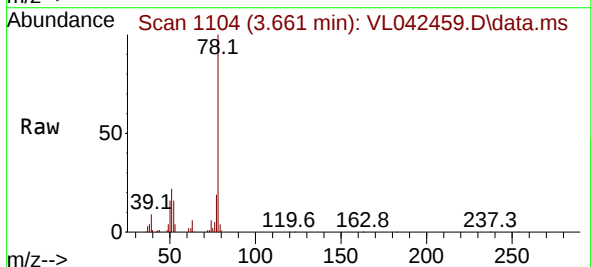
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

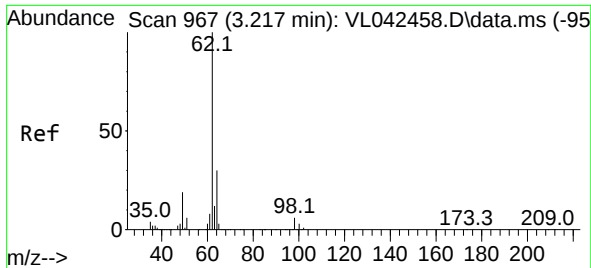
Tgt Ion:117 Resp: 35326
Ion Ratio Lower Upper
117 100
119 101.3 78.1 117.1
121 30.0 23.0 34.6



#36
Benzene
Concen: 2.196 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion: 78 Resp: 41848
Ion Ratio Lower Upper
78 100
77 18.9 18.9 28.3#
50 16.0 18.4 27.6#

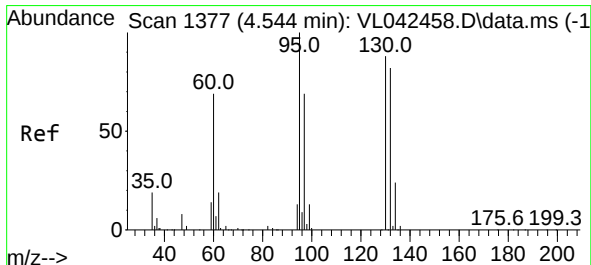
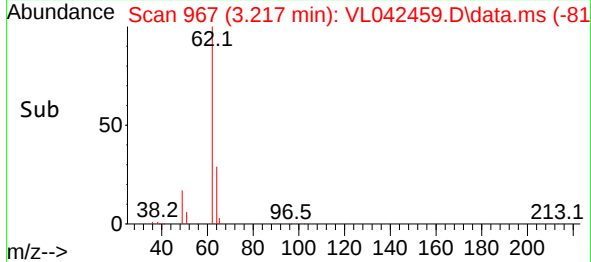
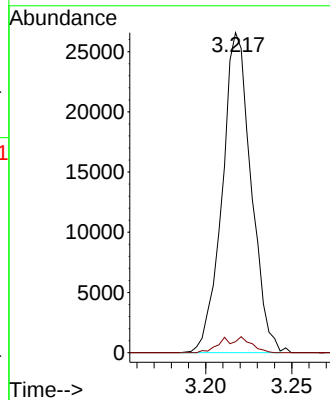
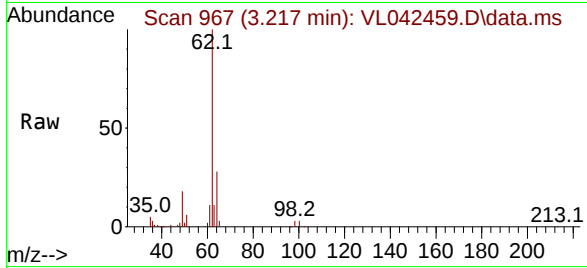




#37
1,2-Dichloroethane
Concen: 2.114 ppbv
RT: 3.217 min Scan# 967
Delta R.T. 0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

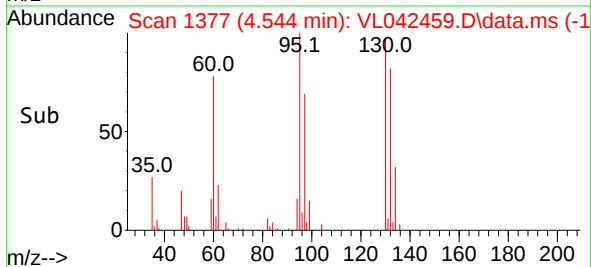
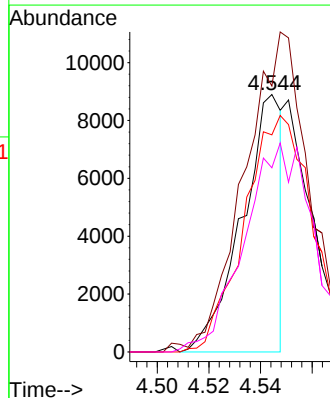
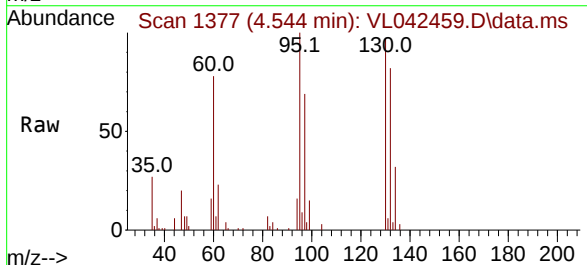
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

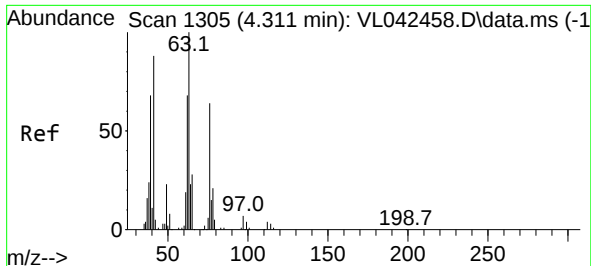
Tgt Ion: 62 Resp: 31049
Ion Ratio Lower Upper
62 100
98 5.0 4.3 6.5



#38
Trichloroethene
Concen: 1.308 ppbv
RT: 4.544 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion:130 Resp: 9503
Ion Ratio Lower Upper
130 100
95 101.7 91.0 136.4
132 85.4 74.2 111.4
97 71.3 62.3 93.5





#39

1,2-Dichloropropane

Concen: 2.047 ppbv

RT: 4.311 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VL042459.D

Acq: 01 May 2025 09:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

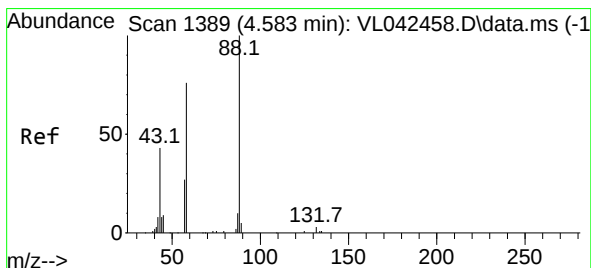
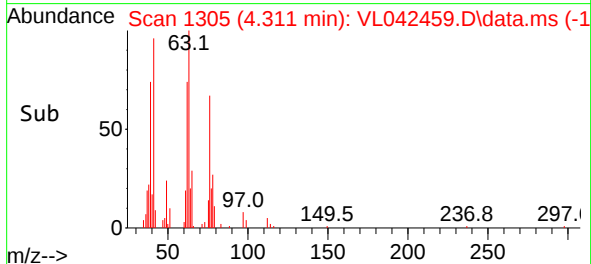
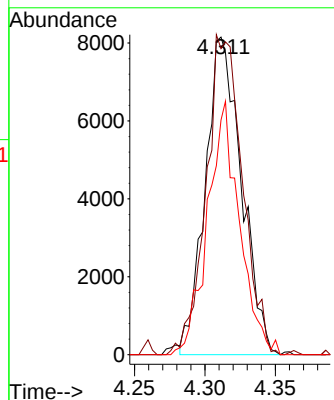
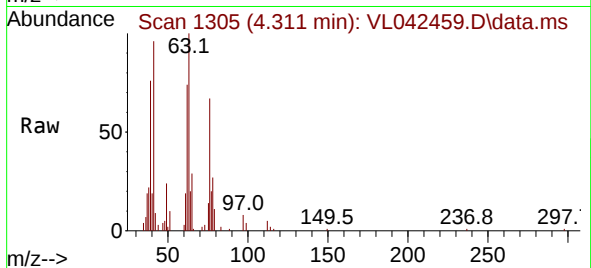
Tgt Ion: 63 Resp: 14611

Ion Ratio Lower Upper

63 100

41 96.4 69.8 104.6

62 73.9 54.3 81.5



#40

1,4-Dioxane

Concen: 1.299 ppbv

RT: 4.593 min Scan# 1392

Delta R.T. 0.010 min

Lab File: VL042459.D

Acq: 01 May 2025 09:37

Tgt Ion: 88 Resp: 4312

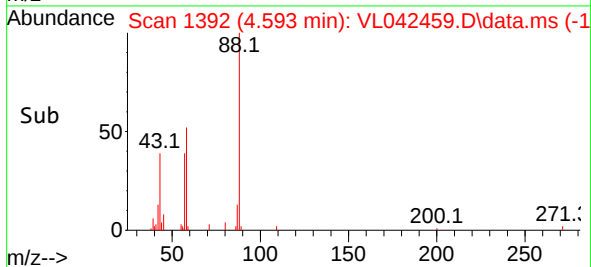
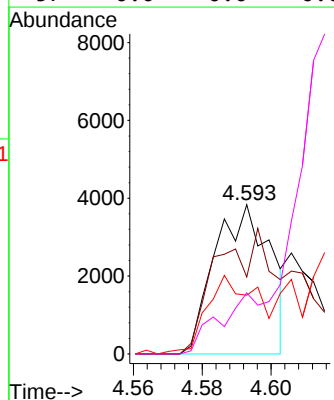
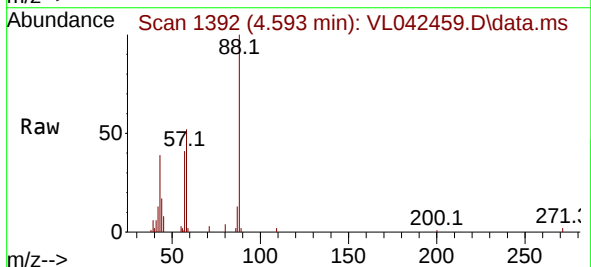
Ion Ratio Lower Upper

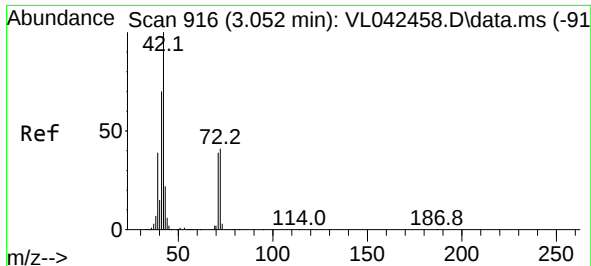
88 100

58 194.1 0.0 0.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 2.140 ppbv

RT: 3.059 min Scan# 916

Delta R.T. 0.006 min

Lab File: VL042459.D

Acq: 01 May 2025 09:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

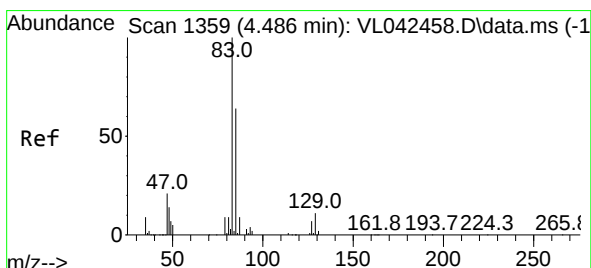
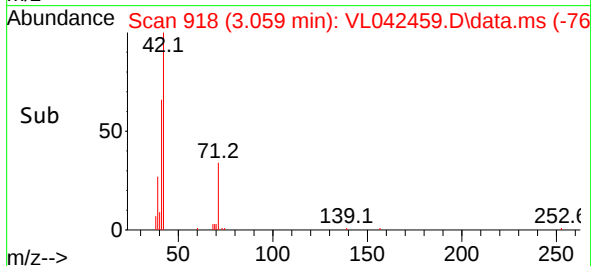
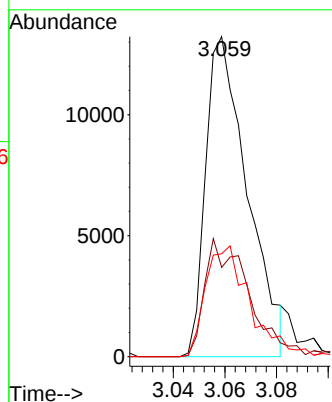
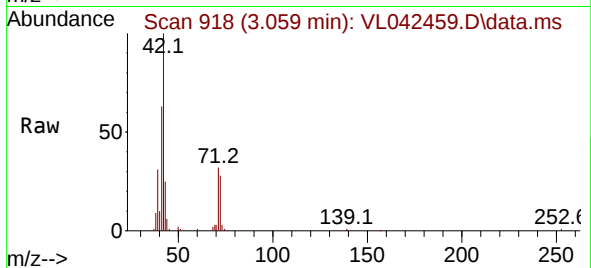
Tgt Ion: 42 Resp: 14824

Ion Ratio Lower Upper

42 100

72 39.3 33.5 50.3

71 37.5 32.6 49.0



#42

Bromodichloromethane

Concen: 2.096 ppbv

RT: 4.489 min Scan# 1360

Delta R.T. 0.003 min

Lab File: VL042459.D

Acq: 01 May 2025 09:37

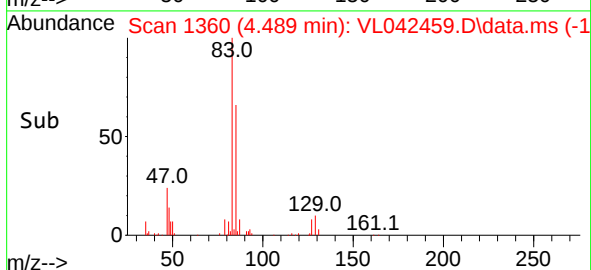
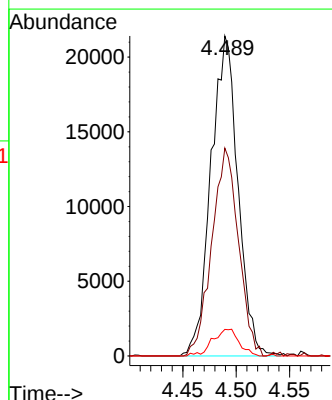
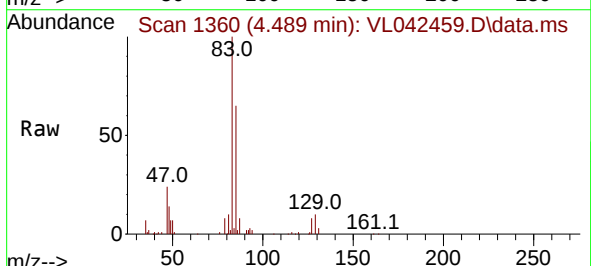
Tgt Ion: 83 Resp: 37615

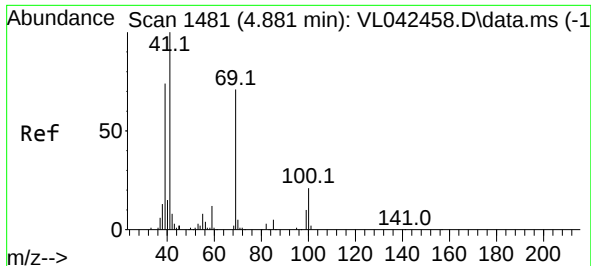
Ion Ratio Lower Upper

83 100

85 64.9 51.5 77.3

127 8.3 5.4 8.2#

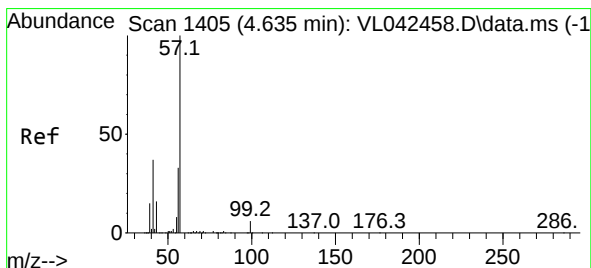
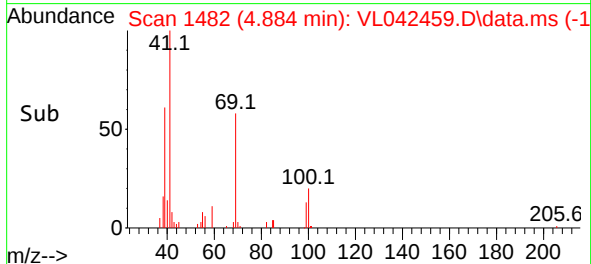
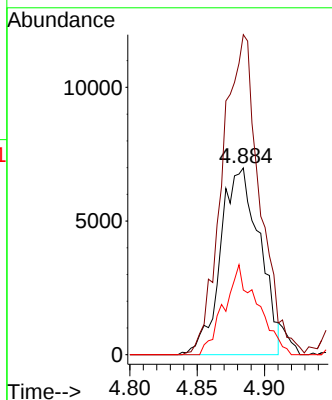
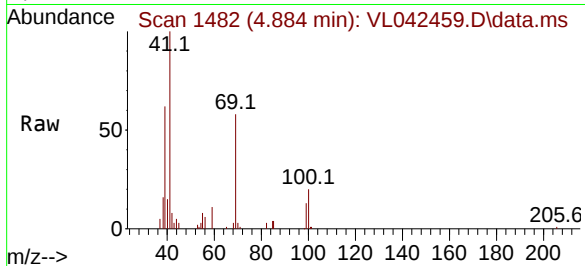




#43
Methyl Methacrylate
Concen: 1.989 ppbv
RT: 4.884 min Scan# 1481
Delta R.T. 0.003 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

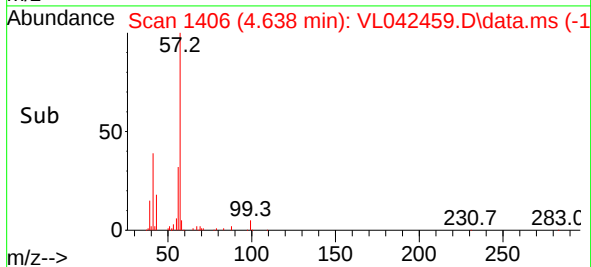
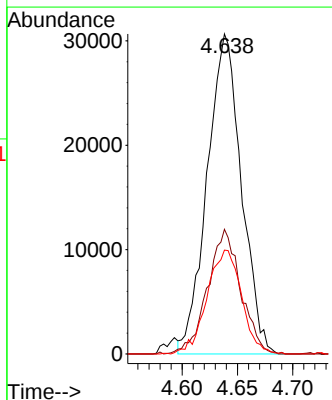
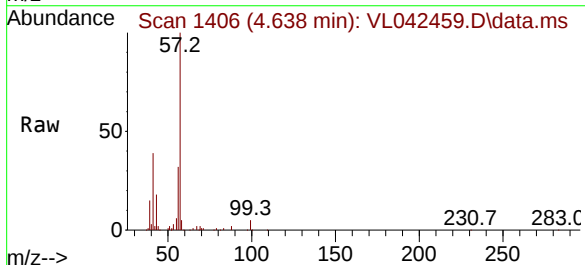
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

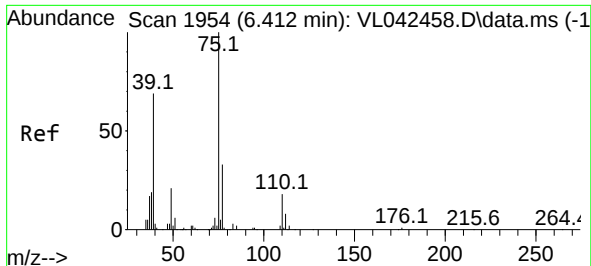
Tgt Ion: 69 Resp: 14111
Ion Ratio Lower Upper
69 100
41 166.0 120.8 181.2
100 41.4 26.7 40.1#



#44
2,2,4-Trimethylpentane
Concen: 2.142 ppbv
RT: 4.638 min Scan# 1406
Delta R.T. 0.003 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion: 57 Resp: 65967
Ion Ratio Lower Upper
57 100
41 37.8 30.6 45.8
56 32.7 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 1.632 ppbv

RT: 6.409 min Scan# 1953

Delta R.T. -0.003 min

Lab File: VL042459.D

Acq: 01 May 2025 09:37

Instrument :

MSVOA_1

ClientSampleId :

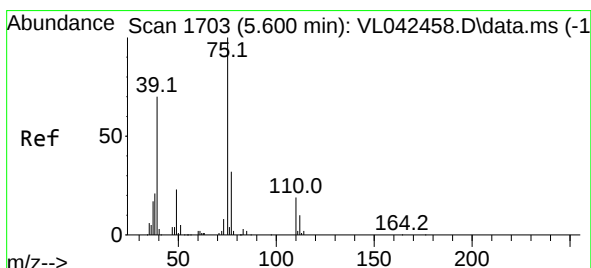
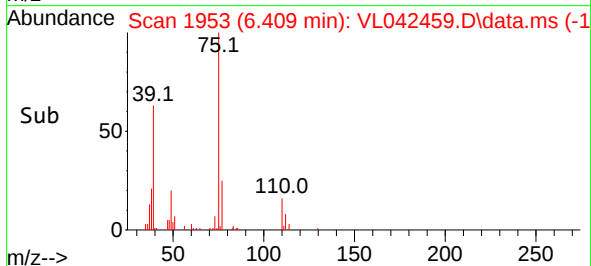
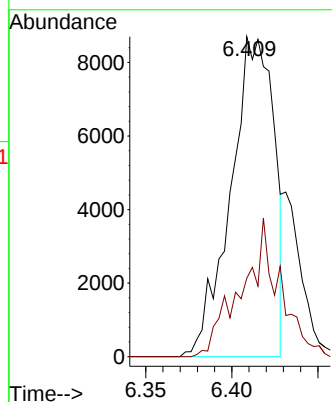
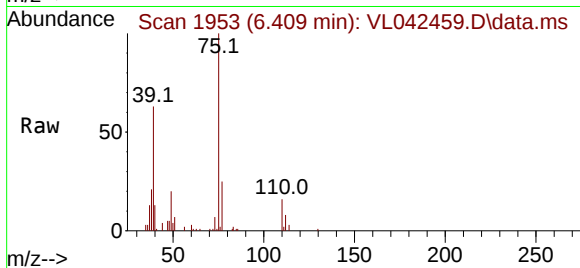
VSTDIC002

Tgt Ion: 75 Resp: 15248

Ion Ratio Lower Upper

75 100

77 24.5 26.3 39.5#



#46

cis-1,3-Dichloropropene

Concen: 2.000 ppbv

RT: 5.593 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VL042459.D

Acq: 01 May 2025 09:37

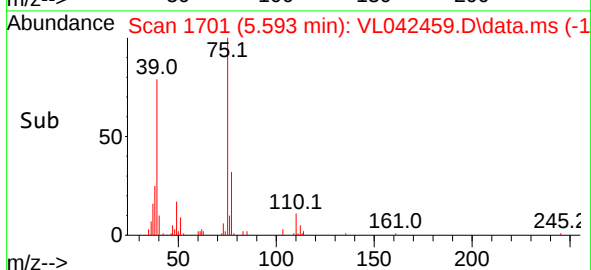
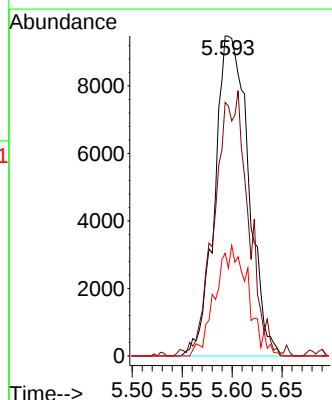
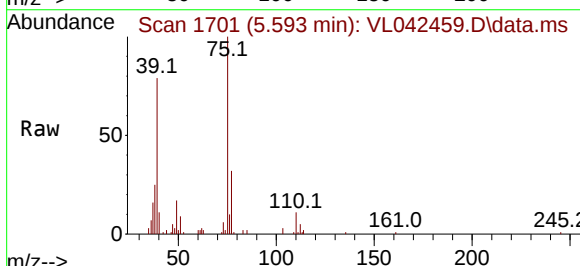
Tgt Ion: 75 Resp: 22184

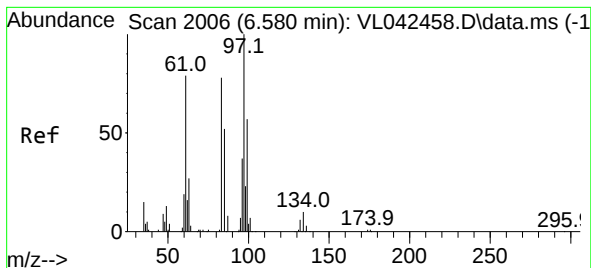
Ion Ratio Lower Upper

75 100

39 78.3 55.7 83.5

77 32.1 25.8 38.8





#47

1,1,2-Trichloroethane

Concen: 1.771 ppbv

RT: 6.587 min Scan# 2006

Delta R.T. 0.006 min

Lab File: VL042459.D

Acq: 01 May 2025 09:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 97 Resp: 13861

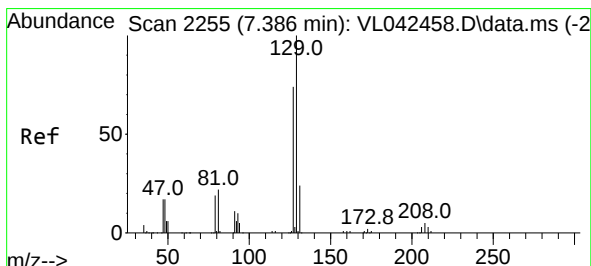
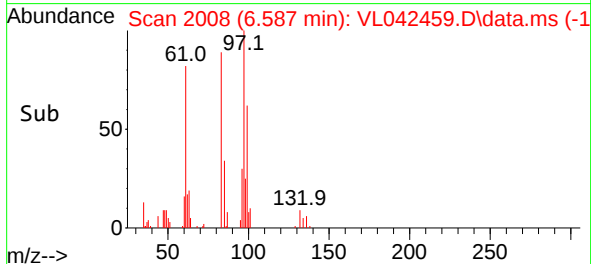
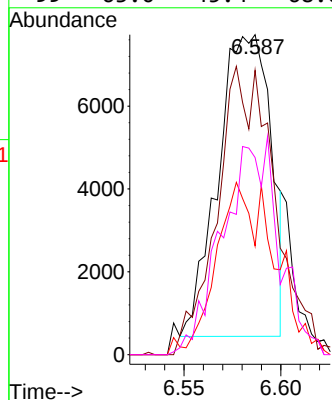
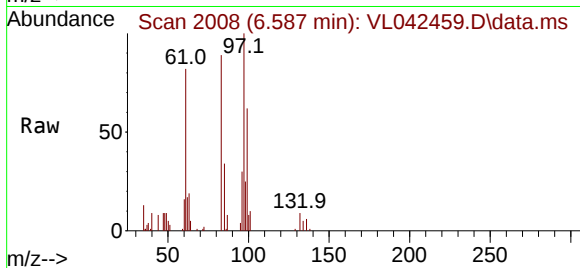
Ion Ratio Lower Upper

97 100

83 88.0 62.2 93.2

85 33.5 41.5 62.3#

99 63.0 45.4 68.0



#48

Dibromochloromethane

Concen: 2.057 ppbv

RT: 7.386 min Scan# 2255

Delta R.T. -0.000 min

Lab File: VL042459.D

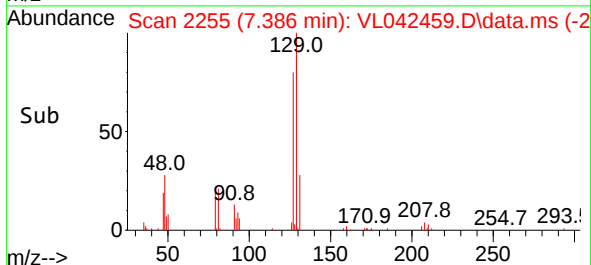
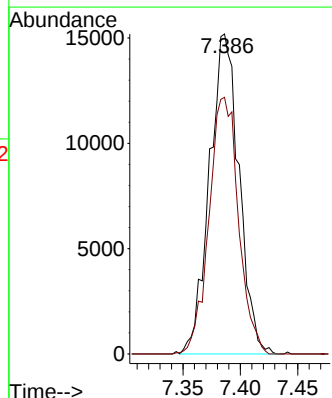
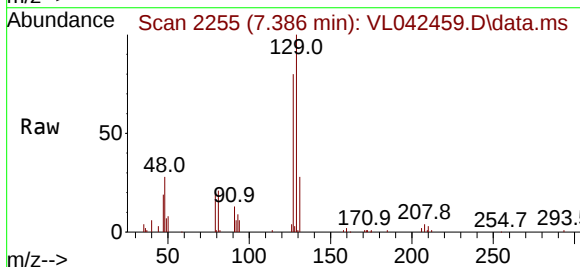
Acq: 01 May 2025 09:37

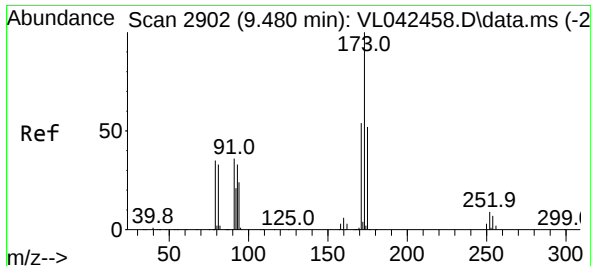
Tgt Ion: 129 Resp: 27174

Ion Ratio Lower Upper

129 100

127 80.0 39.5 118.5

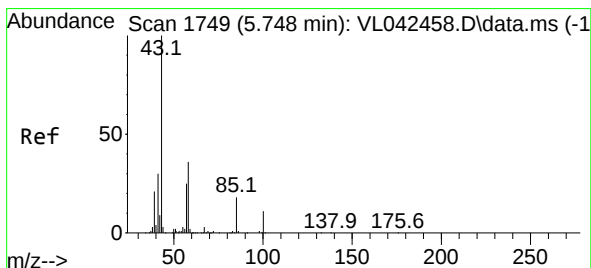
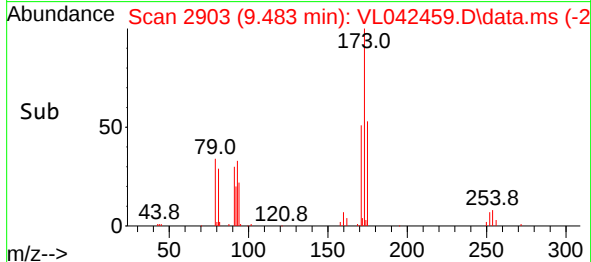
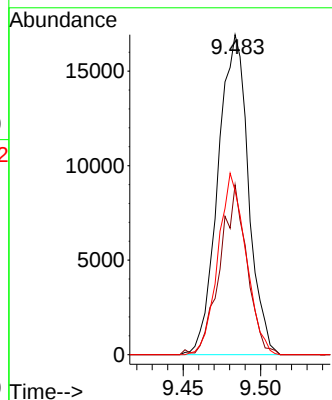
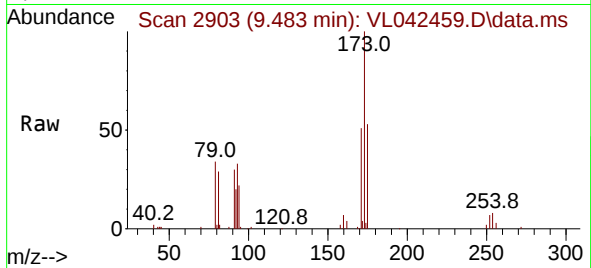




#49
Bromoform
Concen: 2.088 ppbv
RT: 9.483 min Scan# 2902
Delta R.T. 0.003 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

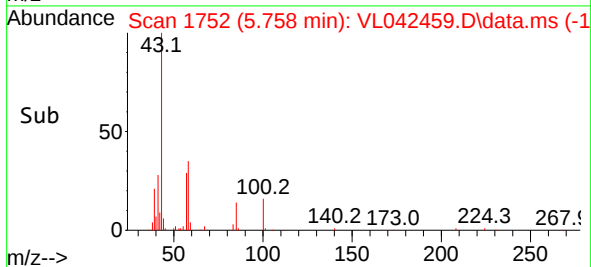
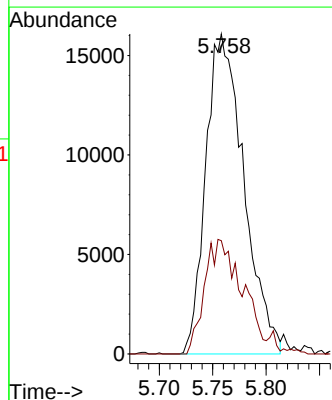
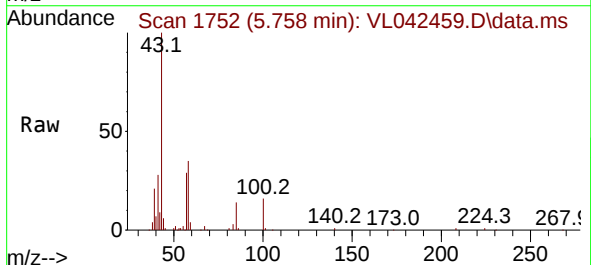
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

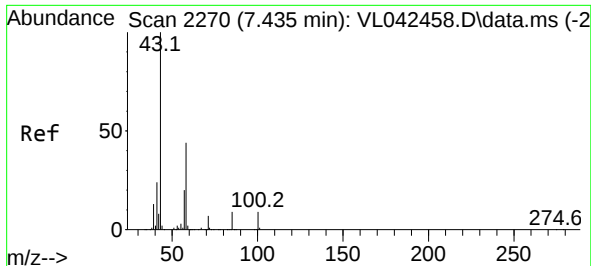
Tgt Ion:173 Resp: 23126
Ion Ratio Lower Upper
173 100
175 47.0 38.9 58.3
171 52.0 40.6 60.8



#50
4-Methyl-2-Pentanone
Concen: 2.155 ppbv
RT: 5.758 min Scan# 1752
Delta R.T. 0.010 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion: 43 Resp: 39798
Ion Ratio Lower Upper
43 100
58 37.3 29.5 44.3

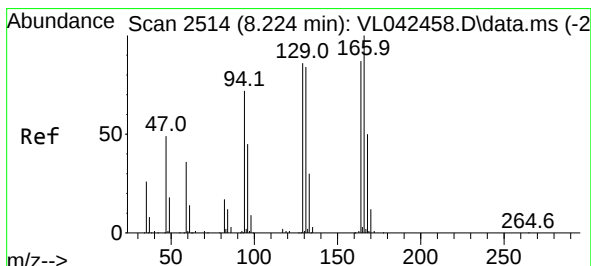
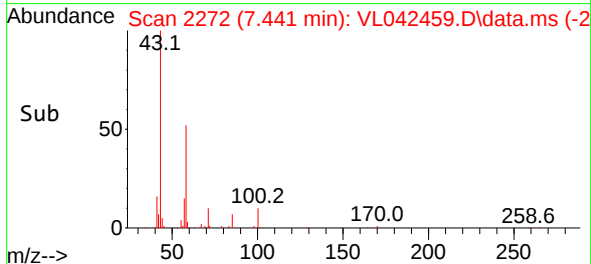
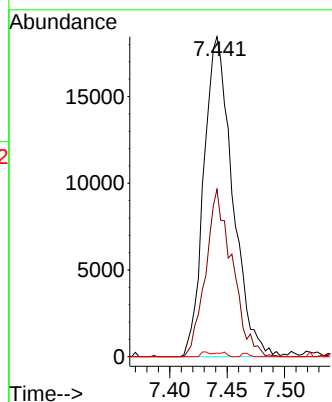
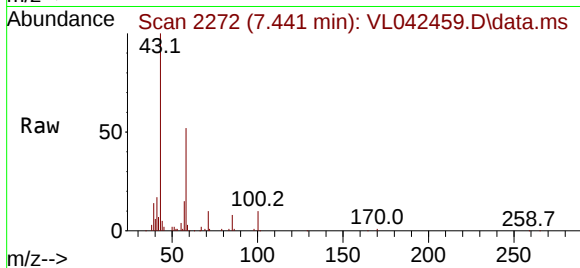




#51
2-Hexanone
Concen: 2.177 ppbv
RT: 7.441 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

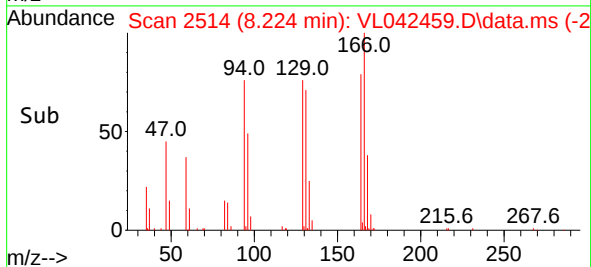
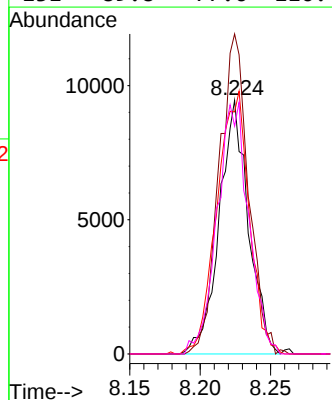
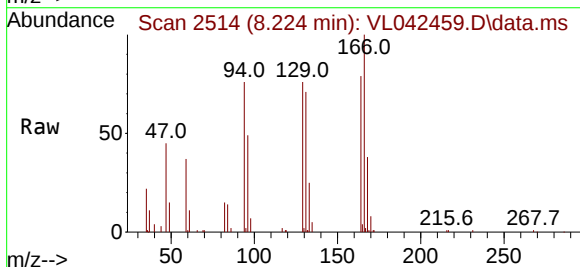
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

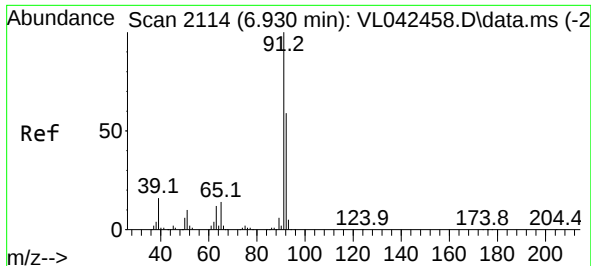
Tgt Ion: 43 Resp: 32196
Ion Ratio Lower Upper
43 100
58 48.3 37.2 55.8
98 1.3 0.4 0.6#



#52
Tetrachloroethene
Concen: 1.885 ppbv
RT: 8.224 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion: 164 Resp: 13670
Ion Ratio Lower Upper
164 100
166 126.2 91.6 137.4
129 95.4 79.0 118.4
131 89.8 77.6 116.4

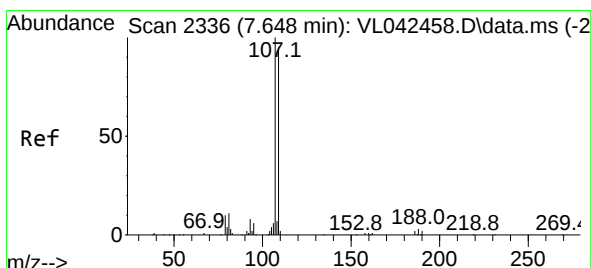
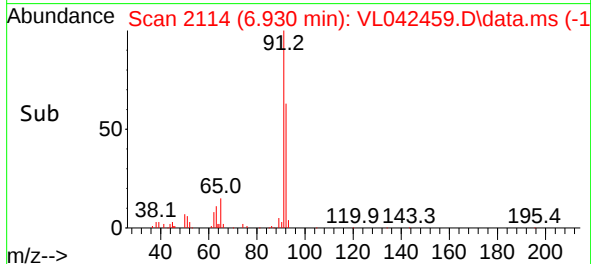
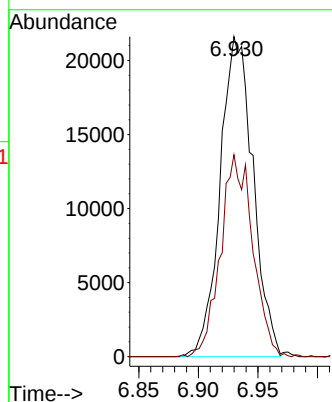
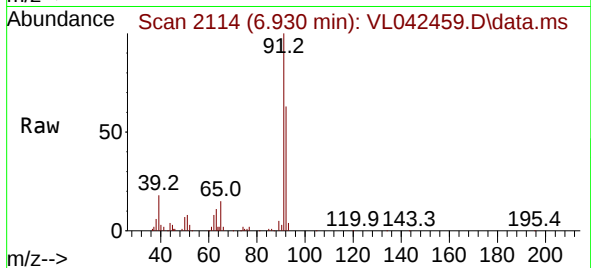




#53
Toluene
Concen: 2.052 ppbv
RT: 6.930 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

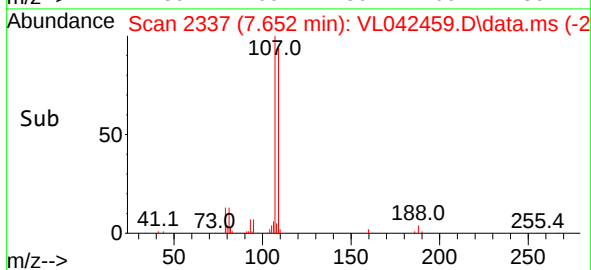
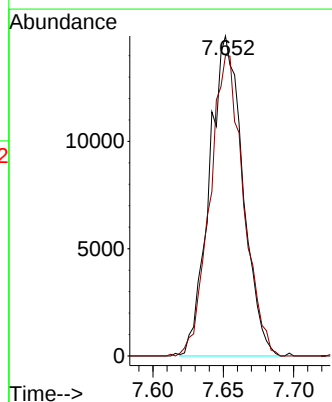
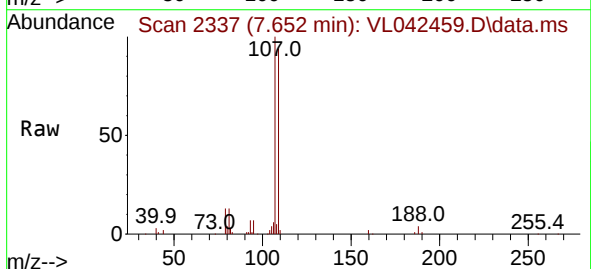
Instrument : MSVOA_L
ClientSampleId : VSTDIC002

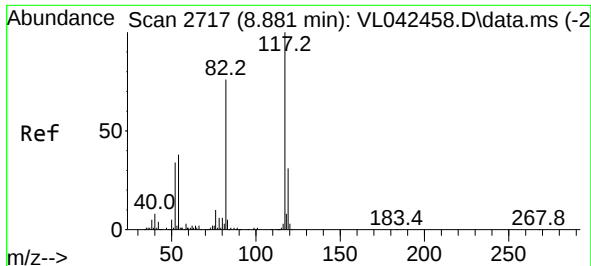
Tgt Ion: 91 Resp: 41392
Ion Ratio Lower Upper
91 100
92 61.9 47.9 71.9



#54
1,2-Dibromoethane
Concen: 2.049 ppbv
RT: 7.652 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion: 107 Resp: 24650
Ion Ratio Lower Upper
107 100
109 94.0 76.0 114.0

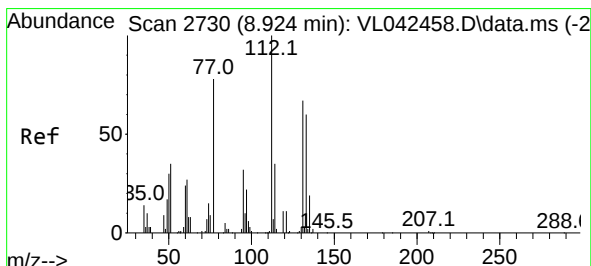
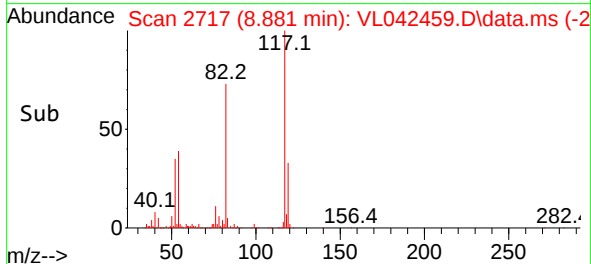
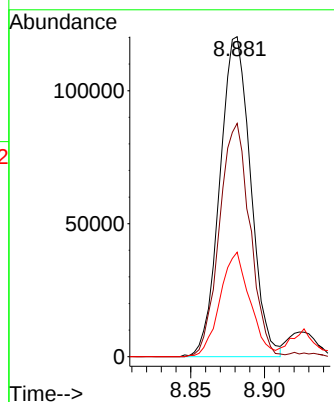
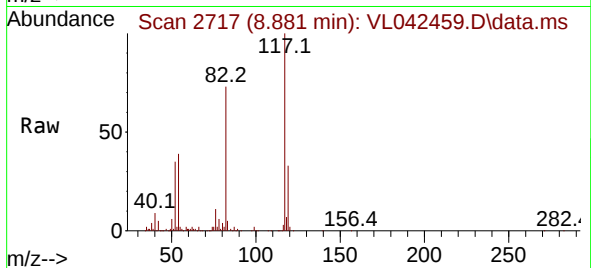




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.881 min Scan# 2717
Delta R.T. 0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

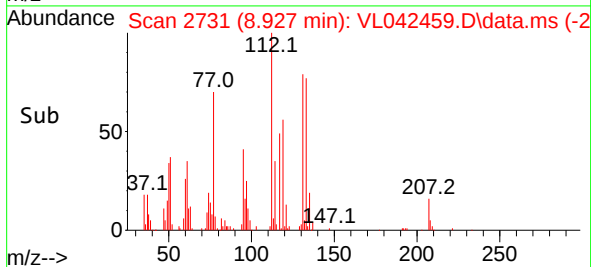
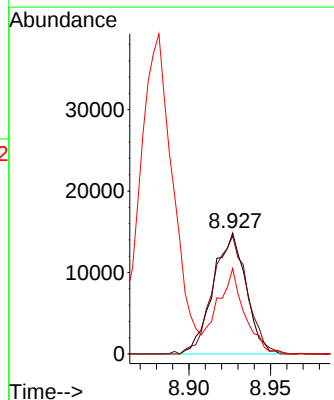
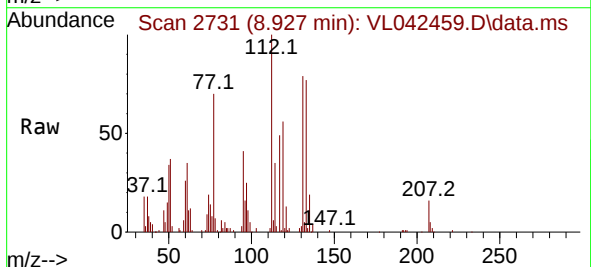
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

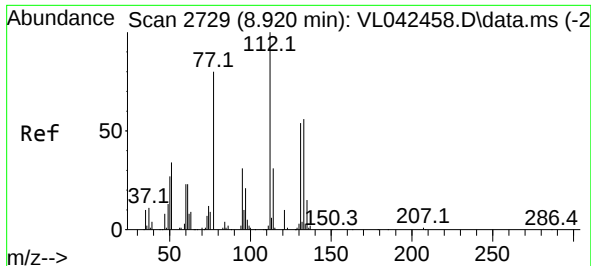
Tgt Ion:117 Resp: 174624
Ion Ratio Lower Upper
117 100
82 73.4 63.5 95.3
119 31.9 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 2.019 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion:131 Resp: 20822
Ion Ratio Lower Upper
131 100
133 101.8 76.0 114.0
119 55.4 46.1 69.1

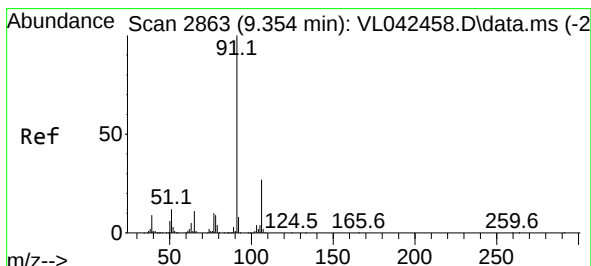
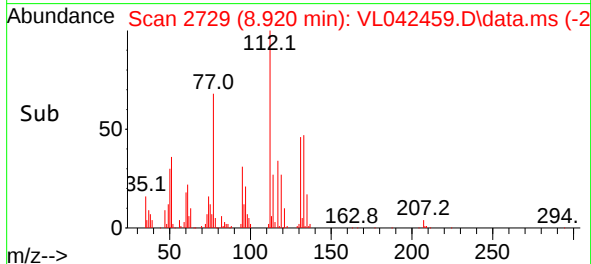
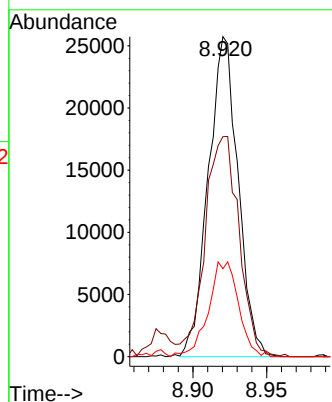
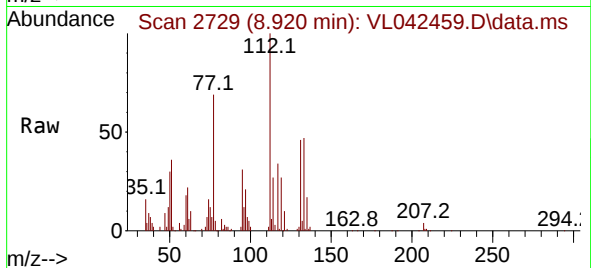




#57
Chlorobenzene
Concen: 2.062 ppbv
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

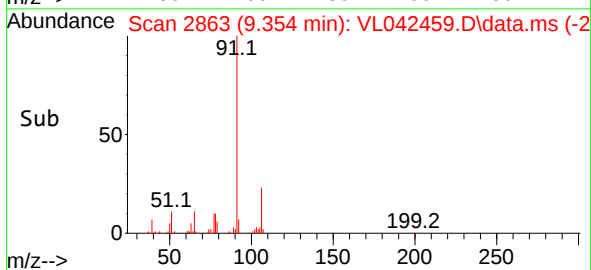
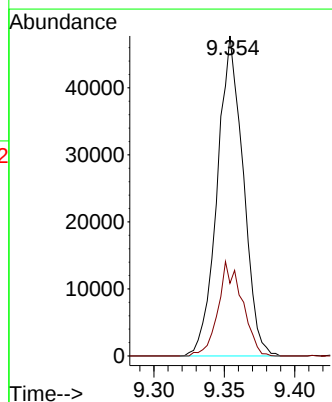
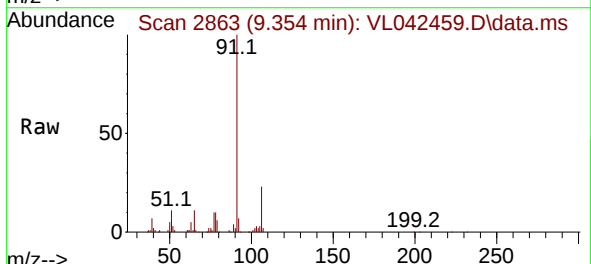
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

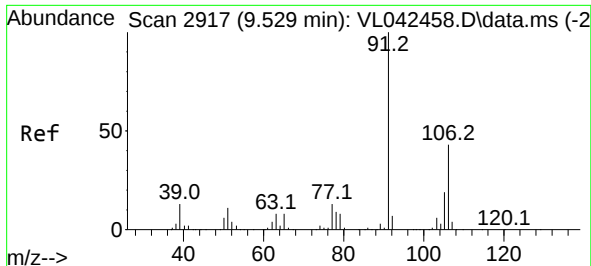
Tgt Ion:112 Resp: 36187
Ion Ratio Lower Upper
112 100
77 68.5 65.0 97.4
114 27.5 27.5 33.7#



#58
Ethyl Benzene
Concen: 2.096 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion: 91 Resp: 61177
Ion Ratio Lower Upper
91 100
106 22.7 21.9 32.9





#59

m/p-Xylene

Concen: 2.041 ppbv

RT: 9.532 min Scan# 2917

Delta R.T. 0.003 min

Lab File: VL042459.D

Acq: 01 May 2025 09:37

Instrument :

MSVOA_L

ClientSampleId :

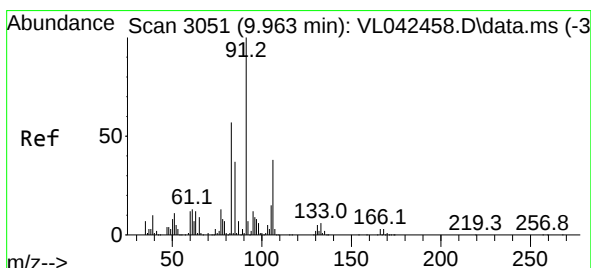
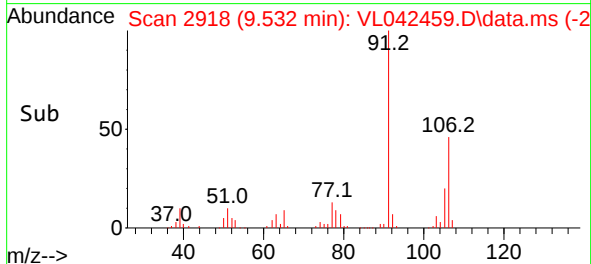
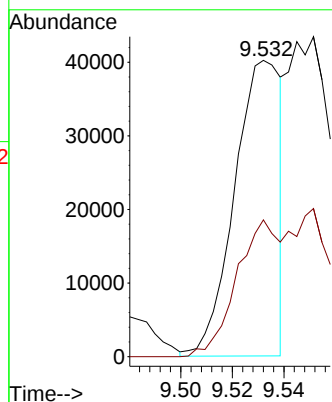
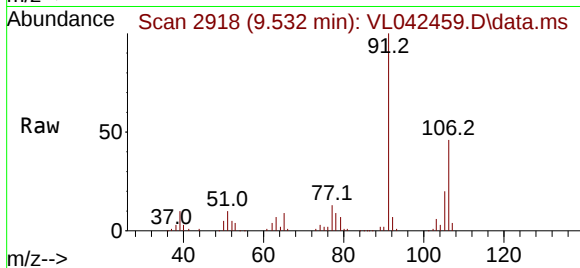
VSTDIC002

Tgt Ion: 91 Resp: 49942

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.2#



#60

o-Xylene

Concen: 2.169 ppbv

RT: 9.963 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VL042459.D

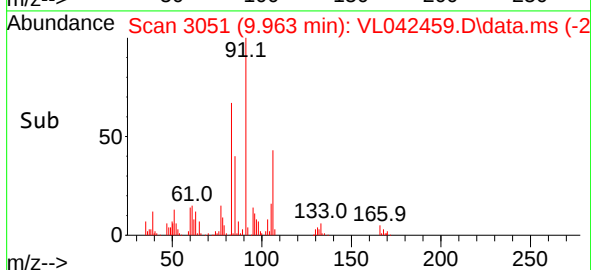
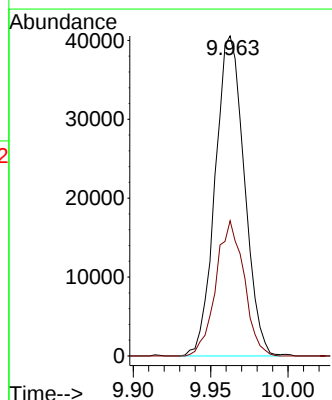
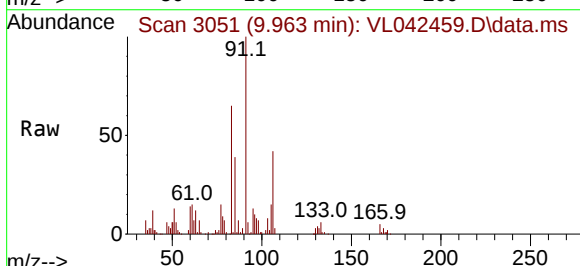
Acq: 01 May 2025 09:37

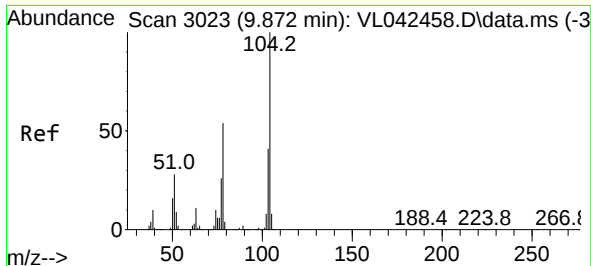
Tgt Ion: 91 Resp: 53051

Ion Ratio Lower Upper

91 100

106 40.7 20.1 60.2

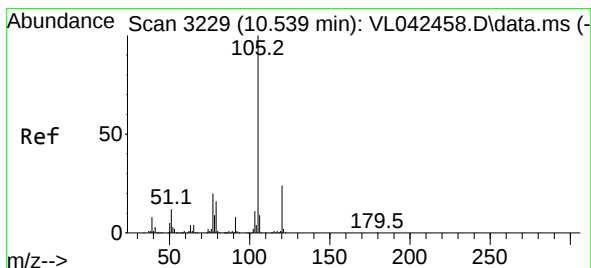
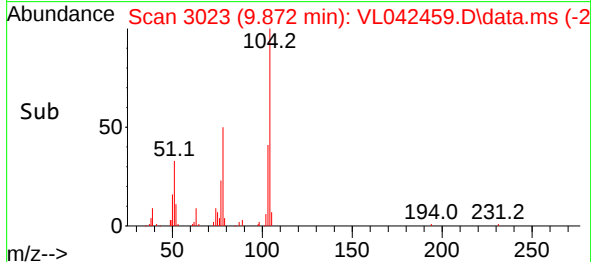
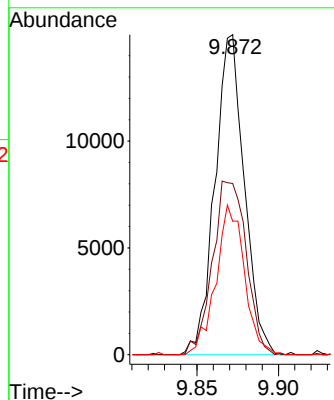
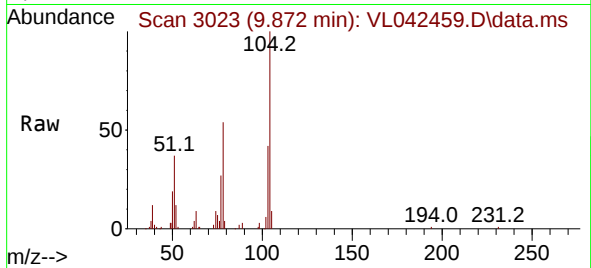




#61
Styrene
Concen: 2.054 ppbv
RT: 9.872 min Scan# 3023
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

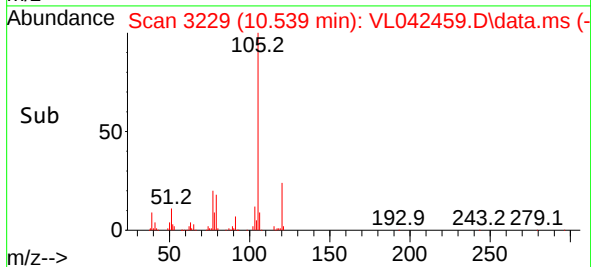
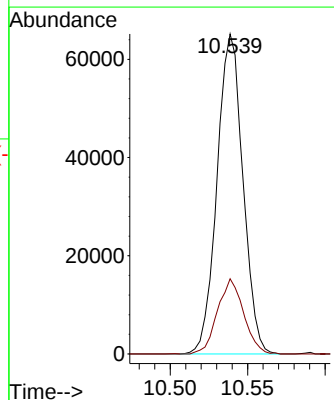
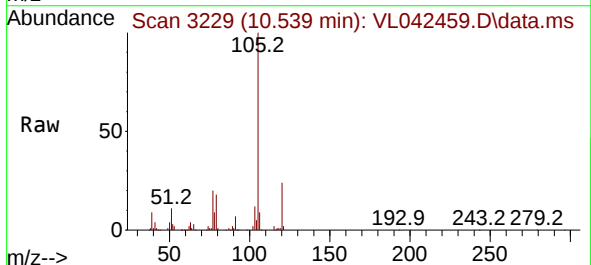
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

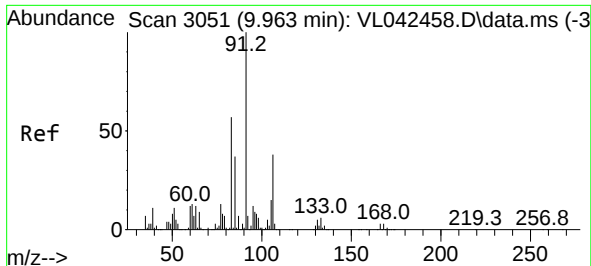
Tgt Ion:104 Resp: 18776
Ion Ratio Lower Upper
104 100
78 62.1 46.9 70.3
103 45.4 36.6 55.0



#62
Isopropylbenzene
Concen: 2.140 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion:105 Resp: 75626
Ion Ratio Lower Upper
105 100
120 23.8 18.8 28.2

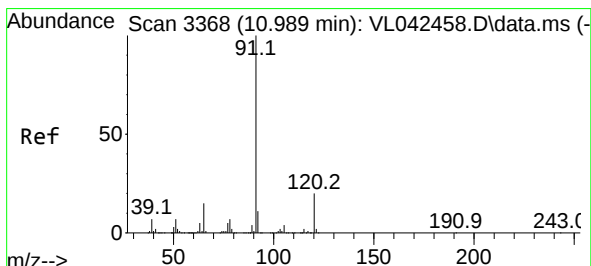
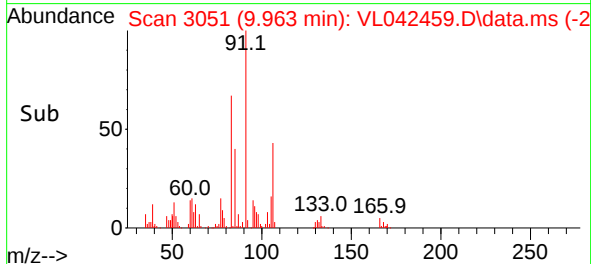
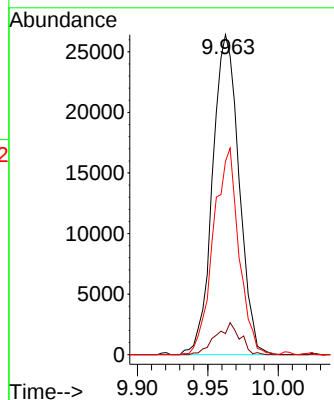
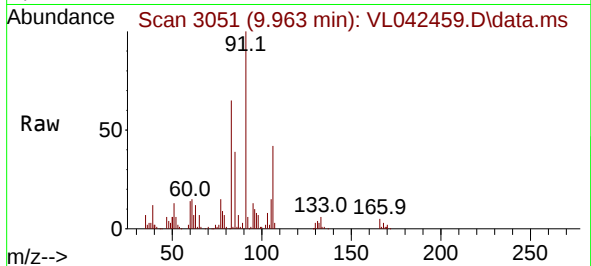




#63
1,1,2,2-Tetrachloroethane
Concen: 2.178 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

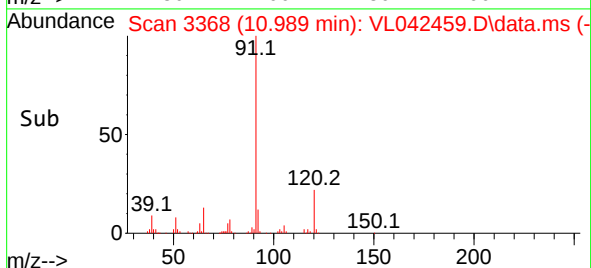
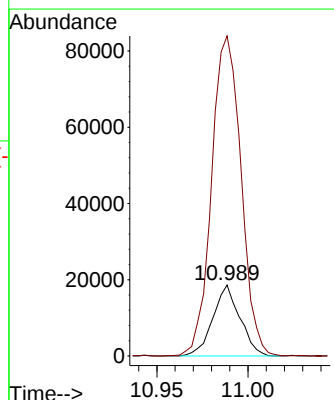
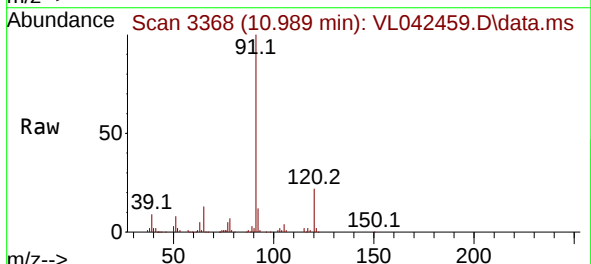
Instrument : MSVOA_L
ClientSampleId : VSTDIC002

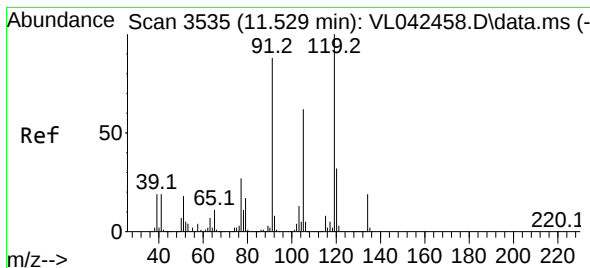
Tgt Ion: 83 Resp: 34562
Ion Ratio Lower Upper
83 100
131 9.2 4.7 14.1
85 62.8 32.5 97.4



#64
n-propylbenzene
Concen: 2.226 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. 0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion: 120 Resp: 19160
Ion Ratio Lower Upper
120 100
91 493.2 408.6 612.8

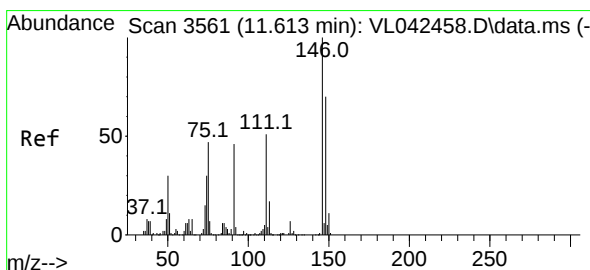
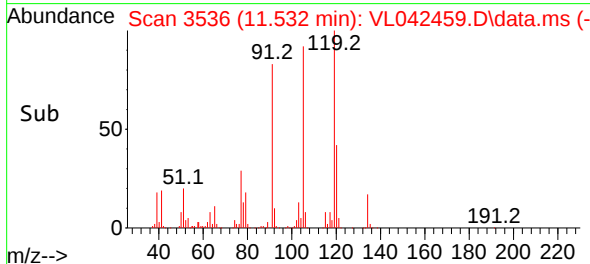
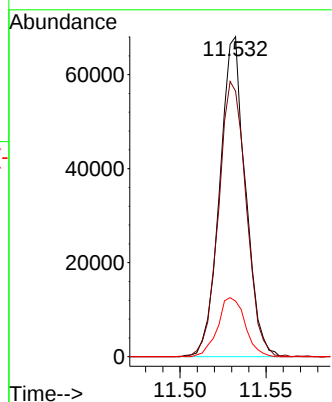
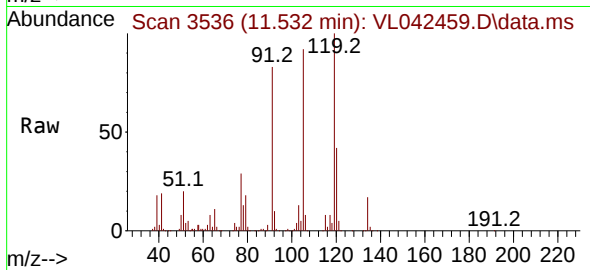




#65
tert-Butylbenzene
Concen: 2.246 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. 0.003 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

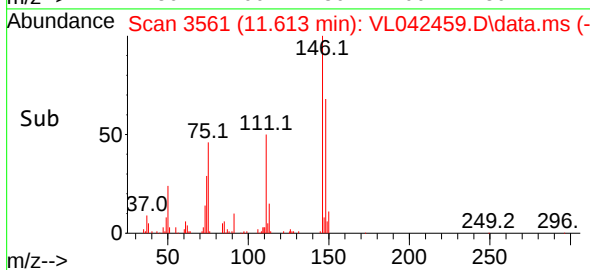
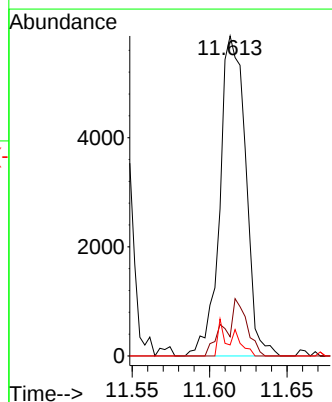
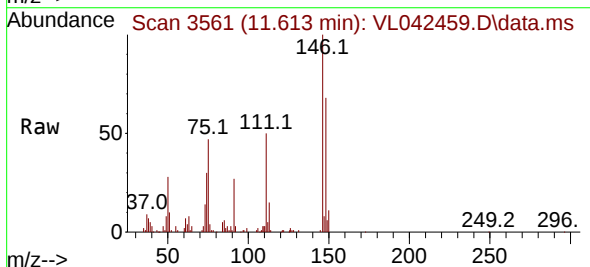
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

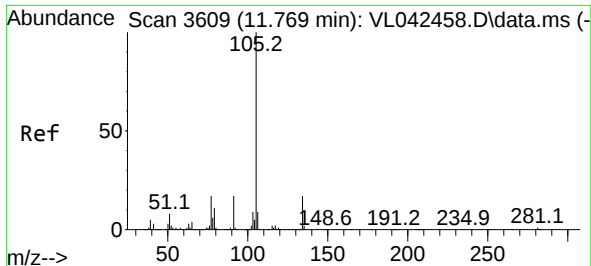
Tgt Ion:119 Resp: 70813
Ion Ratio Lower Upper
119 100
91 92.3 71.6 107.4
134 19.6 15.0 22.4



#66
Benzyl Chloride
Concen: 1.864 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion: 91 Resp: 6794
Ion Ratio Lower Upper
91 100
126 15.1 13.3 19.9
128 6.0 4.2 6.4

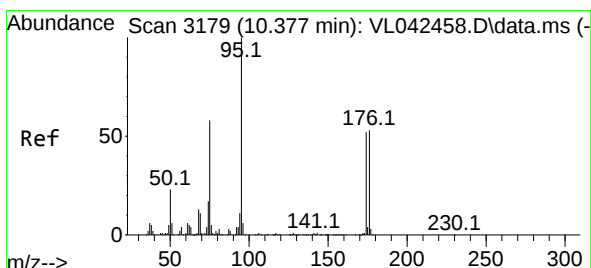
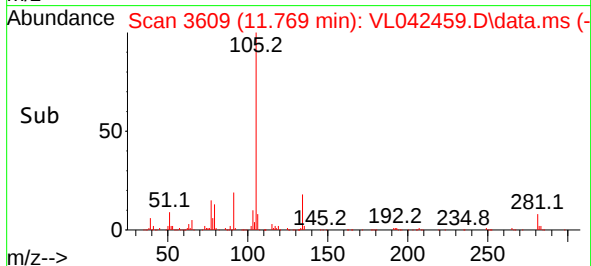
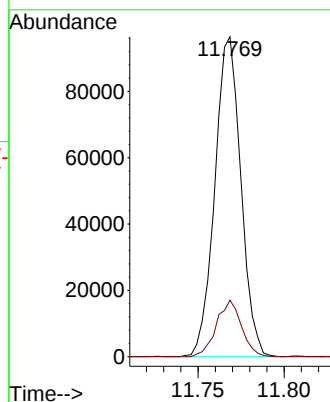
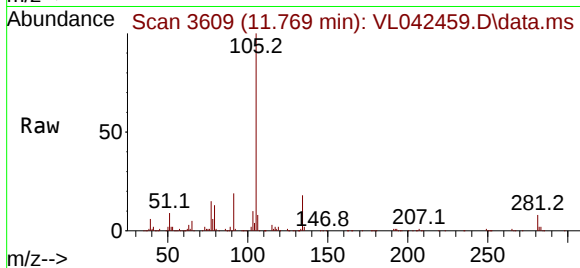




#67
 sec-Butylbenzene
 Concen: 2.264 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VL042459.D
 Acq: 01 May 2025 09:37

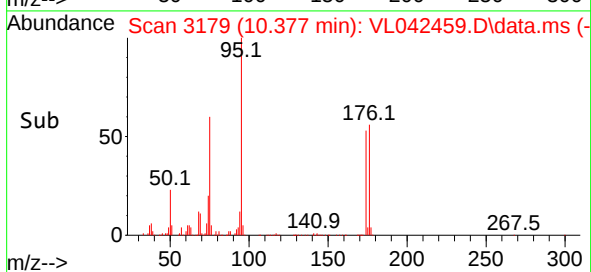
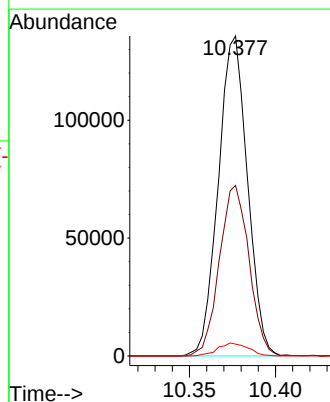
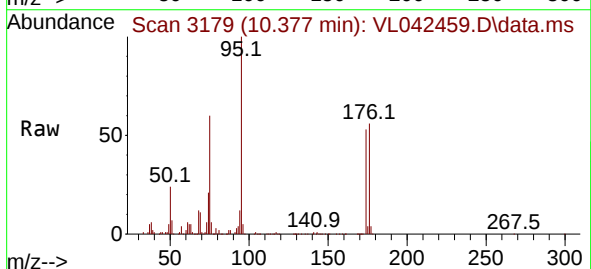
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

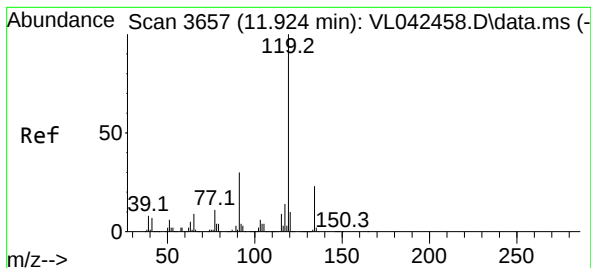
Tgt Ion:105 Resp: 101458
 Ion Ratio Lower Upper
 105 100
 134 17.0 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.869 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.000 min
 Lab File: VL042459.D
 Acq: 01 May 2025 09:37

Tgt Ion: 95 Resp: 159777
 Ion Ratio Lower Upper
 95 100
 174 54.3 42.7 64.1
 175 4.2 3.6 5.4

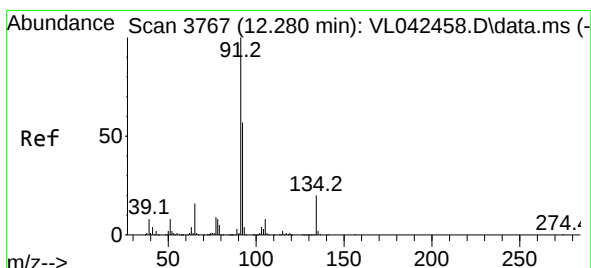
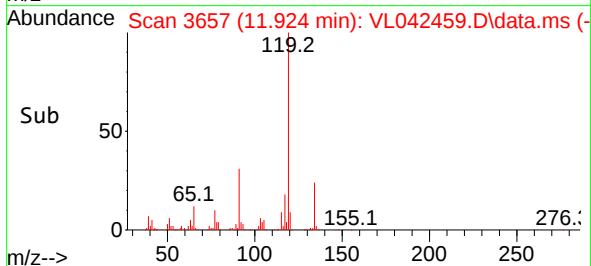
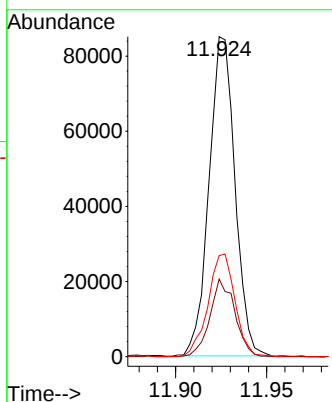
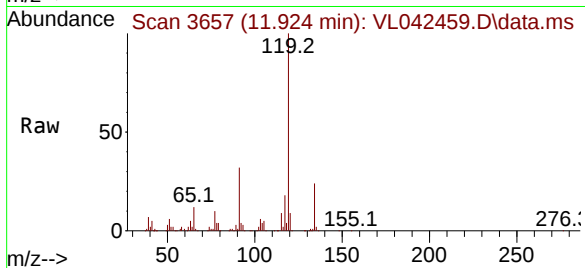




#69
 p-Isopropyltoluene
 Concen: 2.226 ppbv
 RT: 11.924 min Scan# 3657
 Delta R.T. -0.000 min
 Lab File: VL042459.D
 Acq: 01 May 2025 09:37

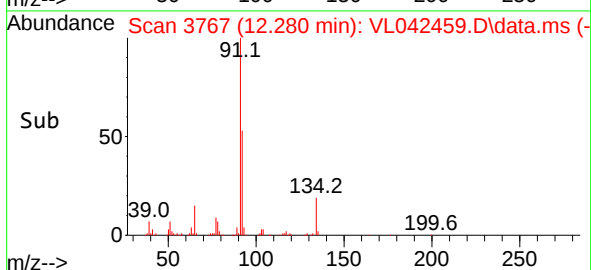
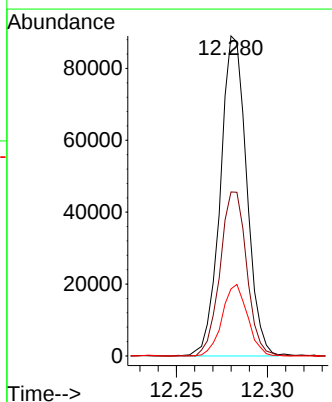
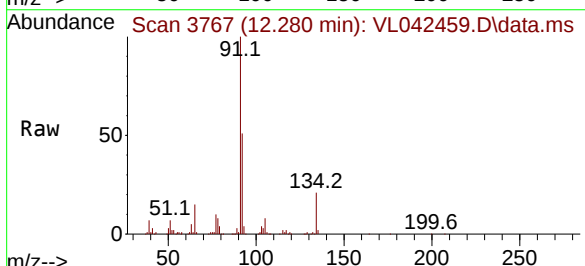
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

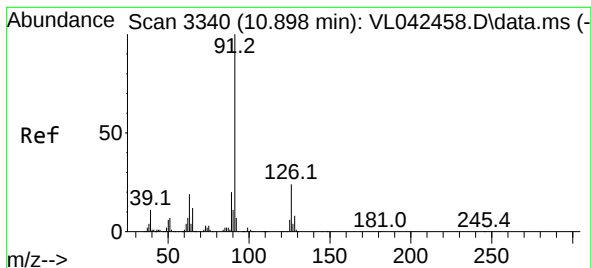
Tgt Ion: 119 Resp: 84026
 Ion Ratio Lower Upper
 119 100
 134 23.5 19.0 28.4
 91 33.8 25.5 38.3



#70
 n-Butylbenzene
 Concen: 2.291 ppbv
 RT: 12.280 min Scan# 3767
 Delta R.T. -0.000 min
 Lab File: VL042459.D
 Acq: 01 May 2025 09:37

Tgt Ion: 91 Resp: 89400
 Ion Ratio Lower Upper
 91 100
 92 52.0 44.0 66.0
 134 21.7 16.8 25.2

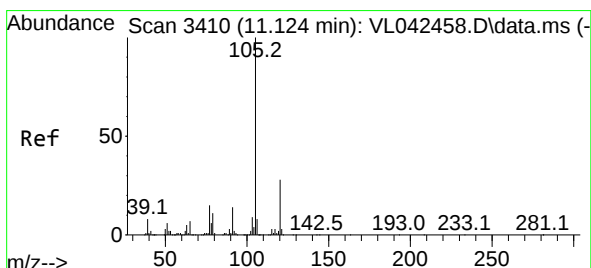
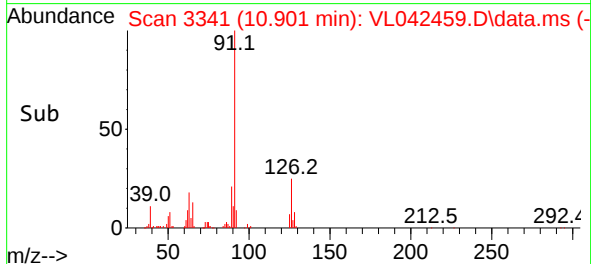
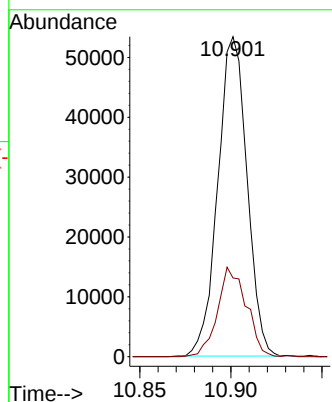
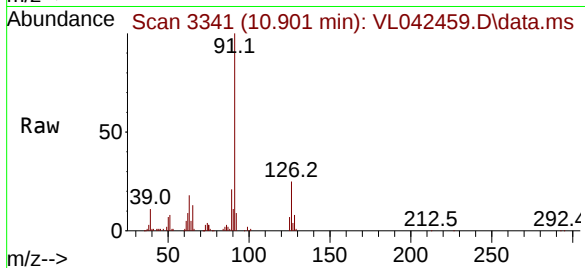




#71
2-Chlorotoluene
Concen: 2.139 ppbv
RT: 10.901 min Scan# 311
Delta R.T. 0.003 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

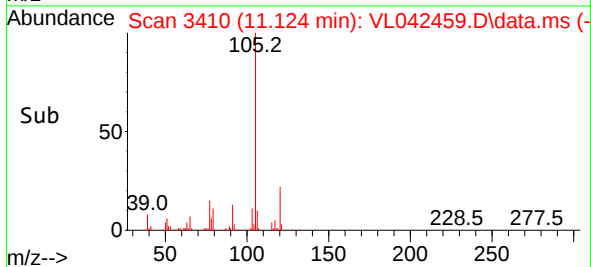
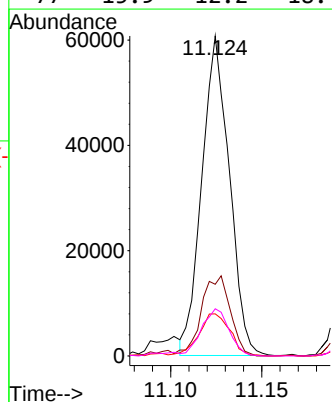
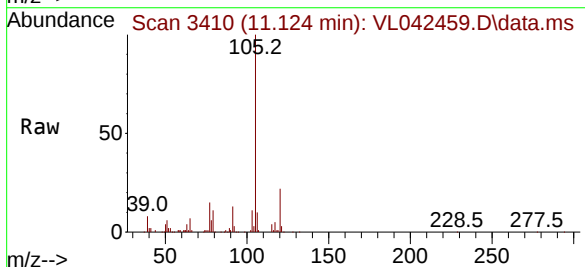
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

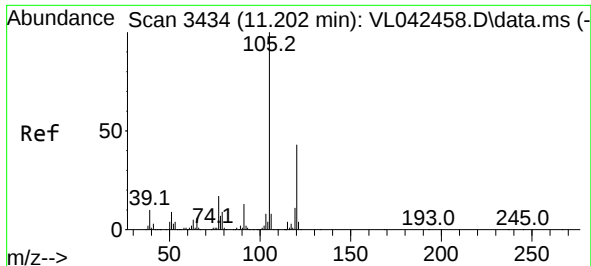
Tgt Ion: 91 Resp: 59271
Ion Ratio Lower Upper
91 100
126 27.8 10.6 42.2



#72
4-Ethyltoluene
Concen: 2.210 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion: 105 Resp: 63833
Ion Ratio Lower Upper
105 100
120 27.6 22.0 33.0
91 15.7 11.2 16.8
77 15.9 12.2 18.4

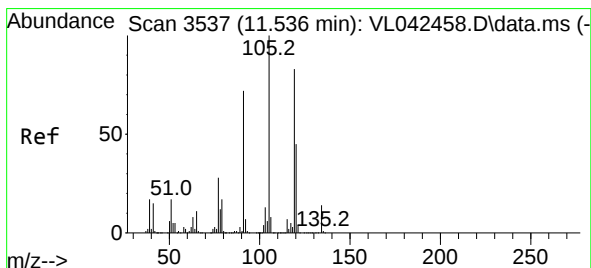
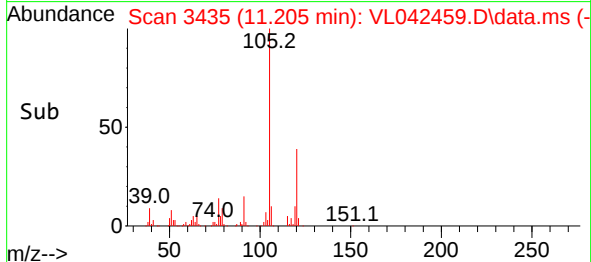
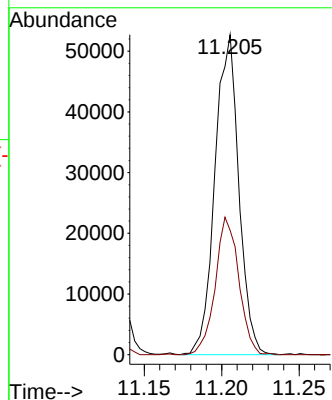
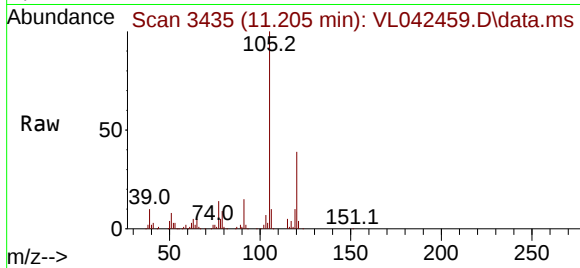




#73
1,3,5-Trimethylbenzene
Concen: 2.225 ppbv
RT: 11.205 min Scan# 3434
Delta R.T. 0.003 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

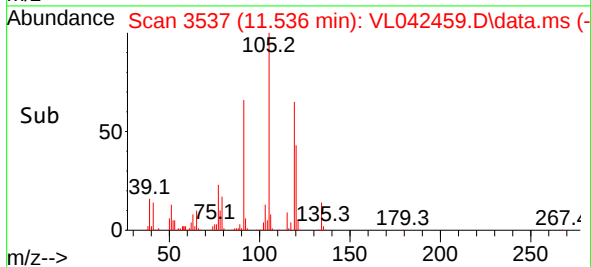
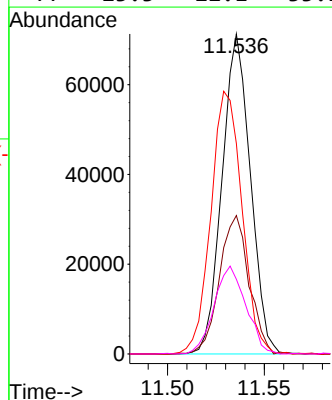
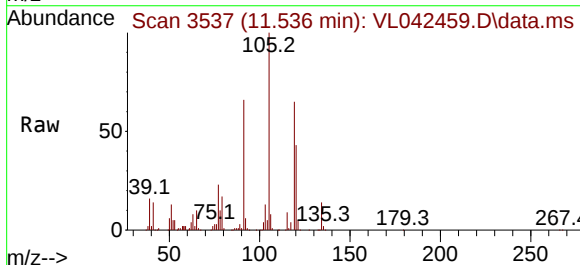
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

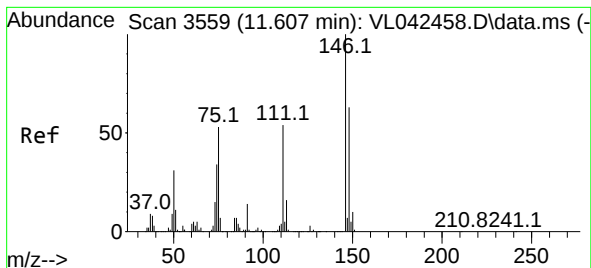
Tgt Ion:105 Resp: 56516
Ion Ratio Lower Upper
105 100
120 38.9 34.4 51.6



#74
1,2,4-Trimethylbenzene
Concen: 2.359 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion:105 Resp: 72485
Ion Ratio Lower Upper
105 100
120 43.0 36.1 54.1
91 65.5 57.6 86.4
77 23.3 22.1 33.1





#75

1,3-Dichlorobenzene

Concen: 2.156 ppbv

RT: 11.607 min Scan# 3559

Delta R.T. 0.000 min

Lab File: VL042459.D

Acq: 01 May 2025 09:37

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC002

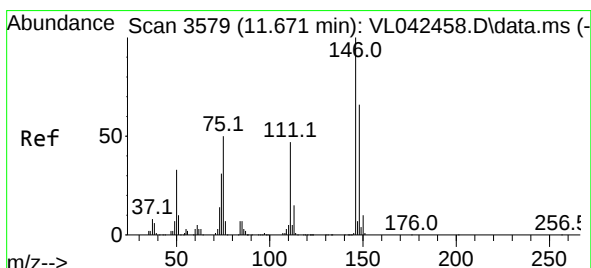
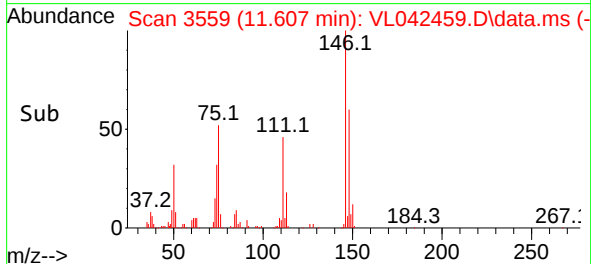
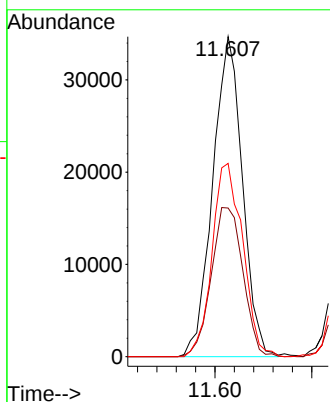
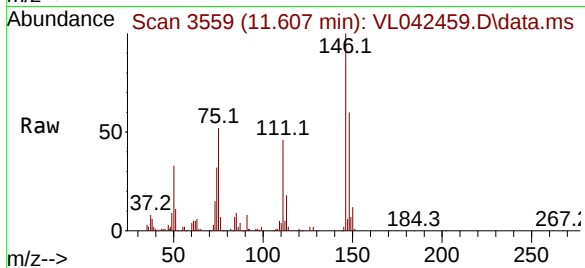
Tgt Ion:146 Resp: 36885

Ion Ratio Lower Upper

146 100

111 49.8 26.1 78.3

148 62.2 32.0 96.0



#76

1,4-Dichlorobenzene

Concen: 2.083 ppbv

RT: 11.671 min Scan# 3579

Delta R.T. -0.000 min

Lab File: VL042459.D

Acq: 01 May 2025 09:37

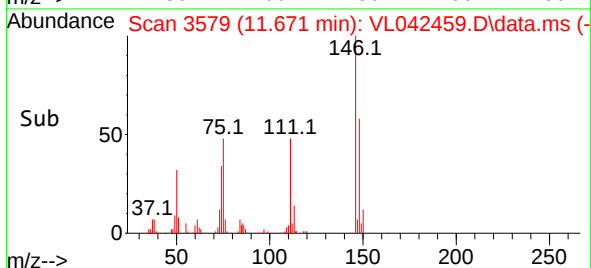
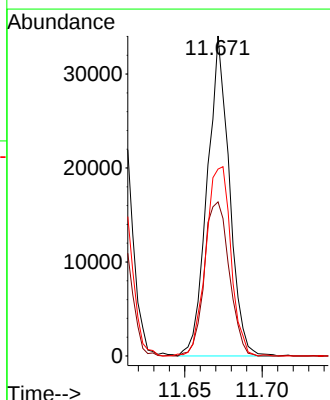
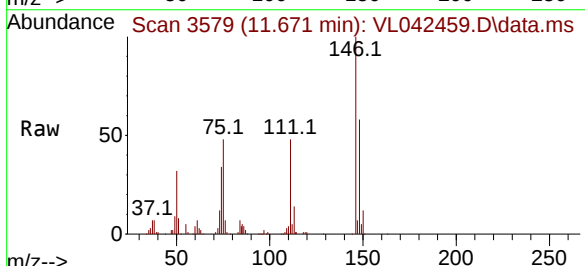
Tgt Ion:146 Resp: 33728

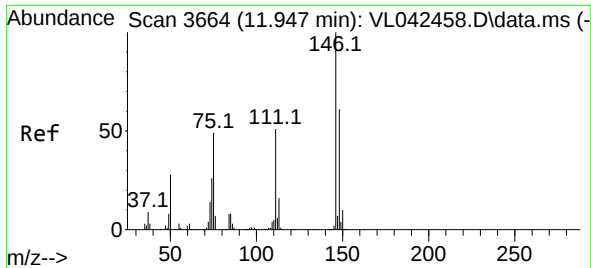
Ion Ratio Lower Upper

146 100

111 54.4 24.4 73.2

148 67.0 32.0 96.2

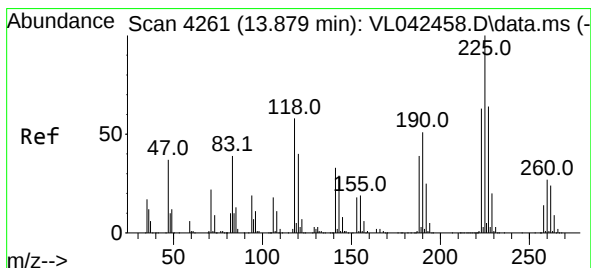
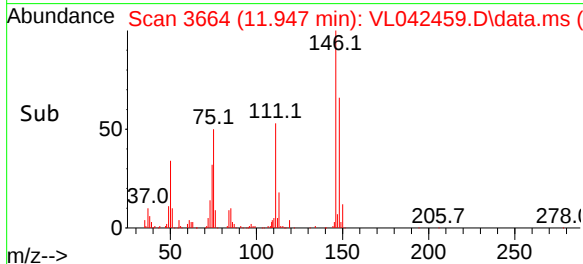
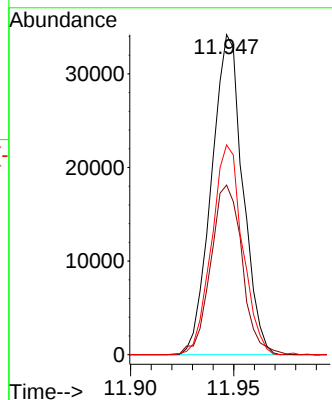
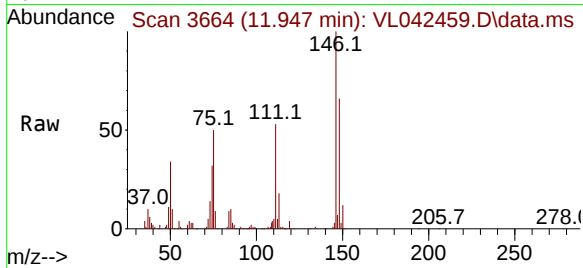




#77
1,2-Dichlorobenzene
Concen: 2.154 ppbv
RT: 11.947 min Scan# 3664
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

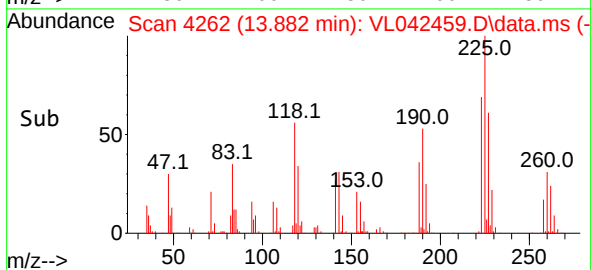
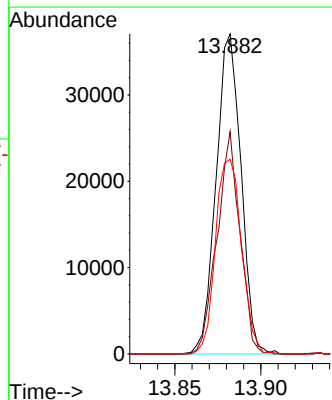
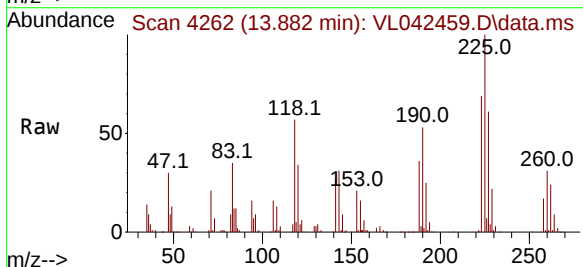
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC002

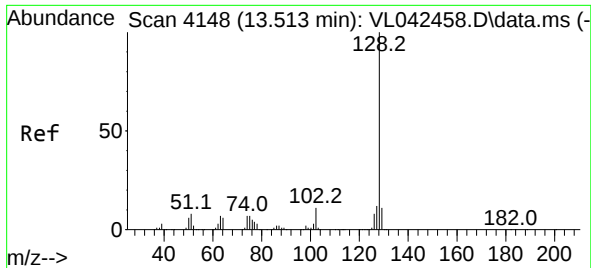
Tgt Ion:146 Resp: 36078
Ion Ratio Lower Upper
146 100
111 53.3 26.5 79.5
148 64.6 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 2.234 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. 0.003 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

Tgt Ion:225 Resp: 37360
Ion Ratio Lower Upper
225 100
223 63.7 50.2 75.4
227 63.5 51.2 76.8

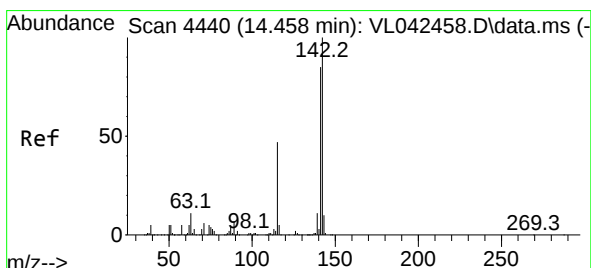
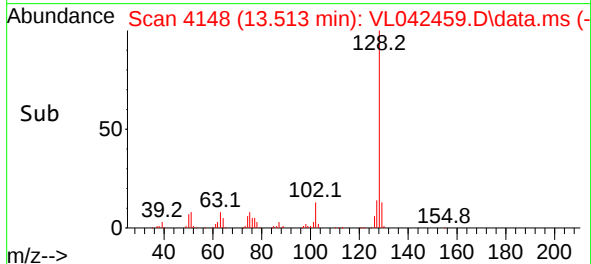
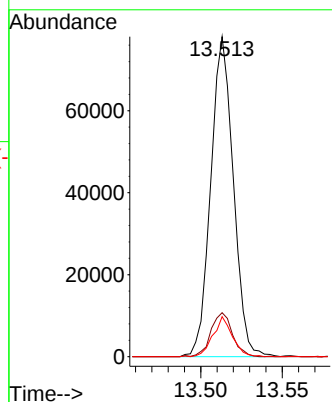
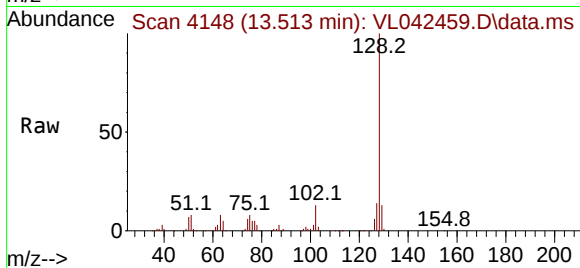




#79
Naphthalene
Concen: 2.920 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

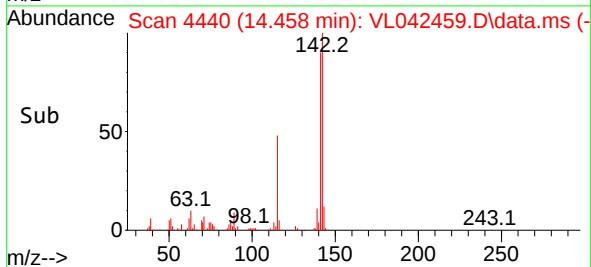
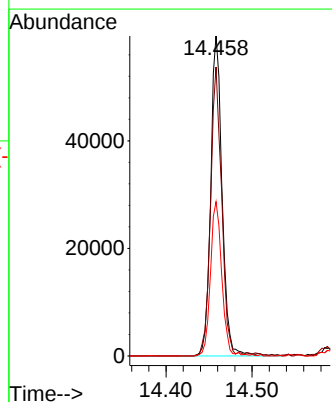
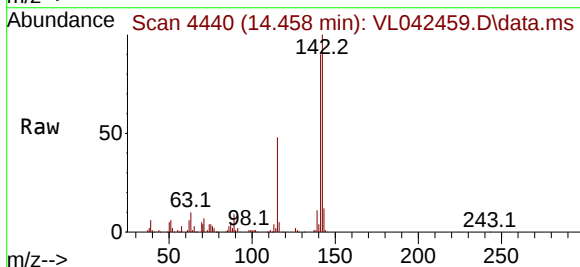
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

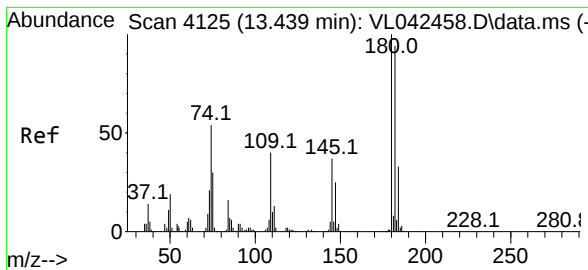
Tgt Ion:128 Resp: 75248
Ion Ratio Lower Upper
128 100
127 13.8 9.7 14.5
129 12.5 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 2.857 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. -0.000 min
Lab File: VL042459.D
Acq: 01 May 2025 09:37

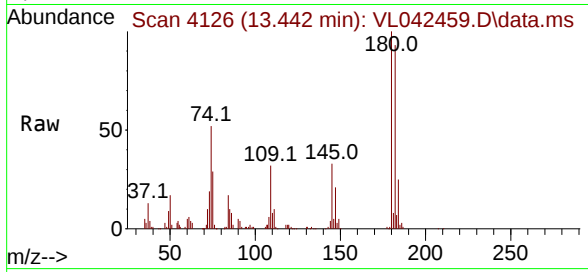
Tgt Ion:142 Resp: 54922
Ion Ratio Lower Upper
142 100
141 89.0 67.4 101.0
115 47.9 36.9 55.3





#81
 1,2,4-Trichlorobenzene
 Concen: 2.396 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042459.D
 Acq: 01 May 2025 09:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion:	180	Resp:	33063
Ion	Ratio	Lower	Upper
180	100		
182	99.0	74.6	111.8
184	30.7	24.9	37.3

