

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091725\
 Data File : VL042932.D
 Acq On : 17 Sep 2025 11:58
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 18 02:29:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Sep 18 02:25:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	156392	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	401247	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	338744	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	263700	9.959	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	11457	0.513	ppbv	99
3) Chlorodifluoromethane	1.476	51	12168	0.517	ppbv	100
4) Chloromethane	1.534	50	4596	0.512	ppbv #	84
5) Vinyl Chloride	1.580	62	4260	0.503	ppbv	90
6) Bromomethane	1.667	94	1694	0.576	ppbv #	79
7) Chloroethane	1.703	64	1499	0.481	ppbv	91
8) Dichlorotetrafluoroethane	1.554	85	9022	0.509	ppbv	91
9) Propene	1.483	41	4027	0.469	ppbv	90
10) Heptane	4.988	43	2192	0.103	ppbv #	28
11) Trichlorofluoromethane	1.877	101	10951	0.496	ppbv	86
12) 1,1,2-Trichlorotrifluo...	2.140	101	8872	0.515	ppbv	100
13) Ethanol	1.887	45	5637	6.437	ppbv #	34
14) Bromoethene	1.780	108	3180	0.518	ppbv	97
15) Acetone	1.835	43	11107	0.578	ppbv	97
16) 1,3-Butadiene	1.609	39	4527	0.563	ppbv	98
17) tert-Butyl alcohol	2.042	59	9574	0.518	ppbv	100
18) 1,1-Dichloroethene	2.033	96	3704	0.491	ppbv	97
19) Isopropyl Alcohol	1.887	45	5637	0.547	ppbv #	97
20) Methylene Chloride	2.062	84	5602	0.670	ppbv #	89
21) Allyl Chloride	2.094	41	6908	0.531	ppbv	91
22) trans-1,2-Dichloroethene	2.340	96	4297	0.502	ppbv	89
23) Vinyl Acetate	2.463	43	10743	0.481	ppbv #	94
24) 1,1-Dichloroethane	2.408	63	8640	0.511	ppbv	98
25) Ethyl Acetate	2.839	43	18457	0.450	ppbv	97
26) Hexane	2.826	57	7346	0.417	ppbv #	83
27) Carbon Disulfide	2.149	76	11231	0.517	ppbv #	1
28) Methyl tert-Butyl Ether	2.441	73	5027	0.520	ppbv	96
29) Chloroform	2.845	83	14102	0.490	ppbv	94
30) Cyclohexane	3.852	84	3260	0.246	ppbv #	27
31) cis-1,2-Dichloroethene	2.719	61	7566	0.440	ppbv #	87
32) 1,1,1-Trichloroethane	3.366	97	13029	0.484	ppbv	95
34) 2-Butanone	2.560	43	11954	0.460	ppbv	91
35) Carbon Tetrachloride	3.755	117	5938	0.208	ppbv	88
36) Benzene	3.654	78	16361	0.467	ppbv #	86
37) 1,2-Dichloroethane	3.217	62	10620	0.507	ppbv	97
38) Trichloroethene	4.538	130	3096	0.195	ppbv	89
39) 1,2-Dichloropropane	4.308	63	7185	0.508	ppbv #	81
40) 1,4-Dioxane	4.596	88	888	0.177	ppbv #	1
41) Tetrahydrofuran	3.059	42	2619	0.205	ppbv #	38
42) Bromodichloromethane	4.489	83	7502	0.249	ppbv	95
43) Methyl Methacrylate	4.865	69	665	0.057	ppbv #	1
44) 2,2,4-Trimethylpentane	4.638	57	12722	0.218	ppbv #	31
45) t-1,3-Dichloropropene	6.409	75	2623	0.212	ppbv	95

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Quant Time: Sep 18 02:29:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Sep 18 02:25:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	3645	0.214	ppbv	91
47) 1,1,2-Trichloroethane	6.571	97	2418	0.168	ppbv #	83
48) Dibromochloromethane	7.380	129	6236	0.276	ppbv #	22
49) Bromoform	9.484	173	8614	0.489	ppbv	99
50) 4-Methyl-2-Pentanone	5.761	43	7064	0.228	ppbv #	40
51) 2-Hexanone	7.444	43	7931	0.348	ppbv #	92
52) Tetrachloroethene	8.224	164	3877	0.356	ppbv	87
53) Toluene	6.933	91	11993	0.368	ppbv	98
54) 1,2-Dibromoethane	7.648	107	5524	0.298	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.927	131	3983	0.231	ppbv #	1
57) Chlorobenzene	8.924	112	16080	0.514	ppbv #	92
58) Ethyl Benzene	9.354	91	15958	0.366	ppbv	91
59) m/p-Xylene	9.551	91	11579	0.314	ppbv #	30
60) o-Xylene	9.963	91	12302	0.336	ppbv	100
61) Styrene	9.869	104	4154	0.748	ppbv	93
62) Isopropylbenzene	10.539	105	19343	0.362	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.959	83	7003	0.264	ppbv #	24
64) n-propylbenzene	10.989	120	4697	0.339	ppbv	90
65) tert-Butylbenzene	11.529	119	13853	0.304	ppbv	91
66) Benzyl Chloride	11.613	91	1547	0.365	ppbv	95
67) sec-Butylbenzene	11.769	105	23691	0.341	ppbv	98
69) p-Isopropyltoluene	11.924	119	16694	0.312	ppbv	95
70) n-Butylbenzene	12.280	91	16636	0.527	ppbv	91
71) 2-Chlorotoluene	10.898	91	14134	0.357	ppbv	98
72) 4-Ethyltoluene	11.124	105	13199	0.591	ppbv #	95
73) 1,3,5-Trimethylbenzene	11.202	105	11354	0.313	ppbv	94
74) 1,2,4-Trimethylbenzene	11.539	105	13232	0.310	ppbv #	79
75) 1,3-Dichlorobenzene	11.607	146	11911	0.441	ppbv	98
76) 1,4-Dichlorobenzene	11.671	146	10649	0.410	ppbv	98
77) 1,2-Dichlorobenzene	11.947	146	11678	0.428	ppbv	97
78) Hexachloro-1,3-Butadiene	13.879	225	9035	0.519	ppbv	97
79) Naphthalene	13.513	128	7418	0.523	ppbv #	94
80) Naphthalene,2-methyl-	14.458	142	2905	0.949	ppbv	96
81) 1,2,4-Trichlorobenzene	13.439	180	4520	0.626	ppbv	98

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

Instrument :

MSVOA L

ClientSampleId :

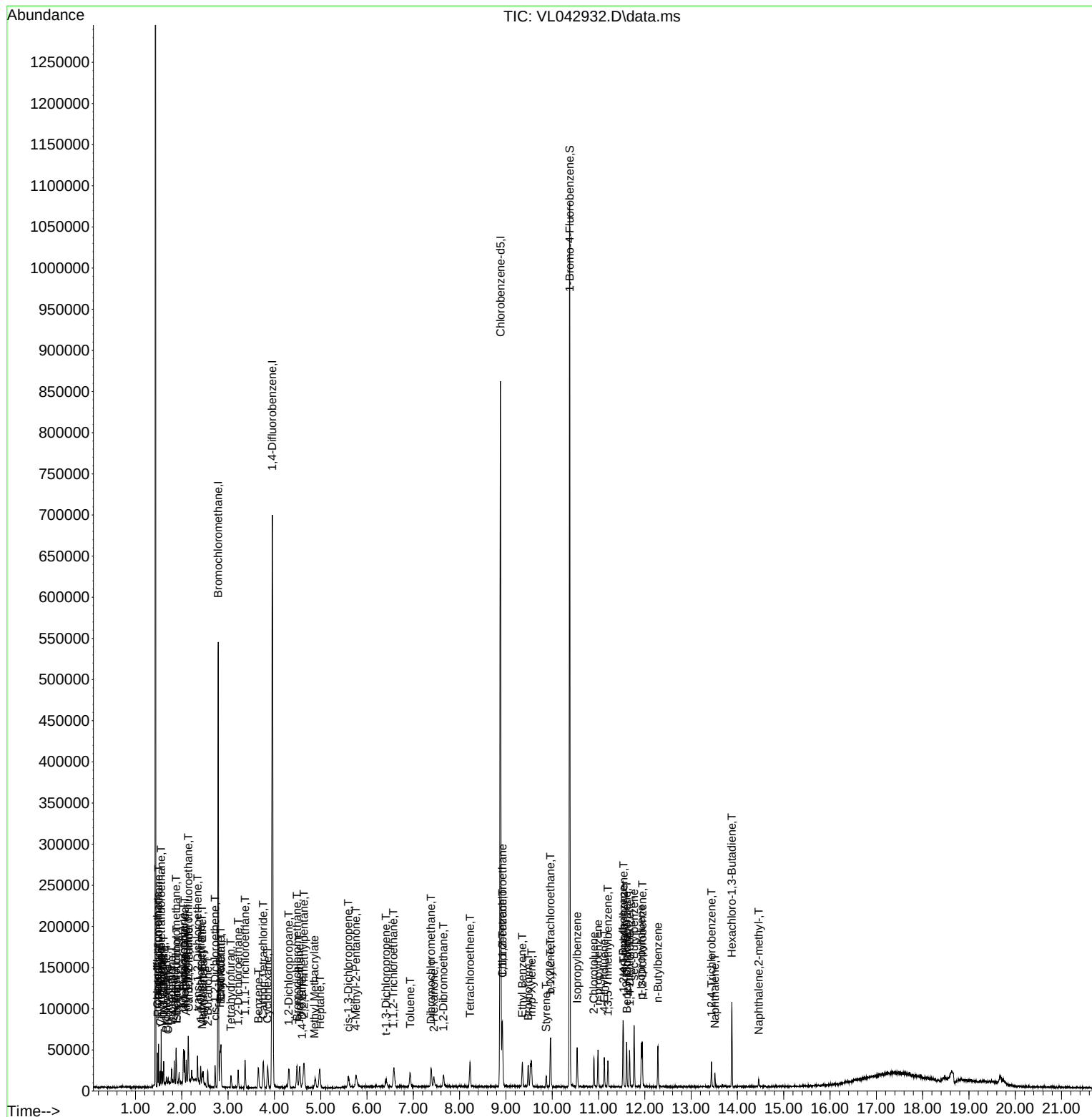
Quant Time: Sep 18 02:29:24 2025

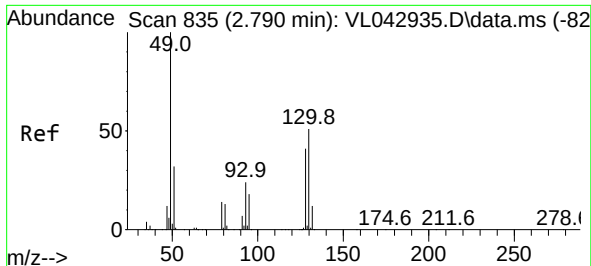
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA LFri Aug 26 06:05:16 2022

QLast Update : Thu Sep 18 02:25:28 2025

Response via : Initial Calibration

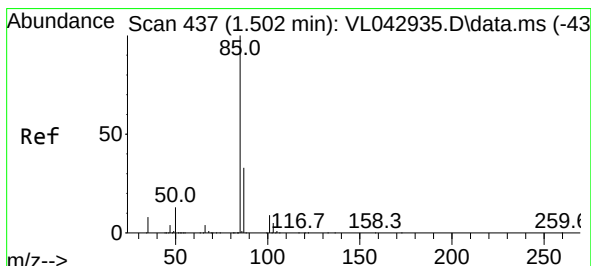
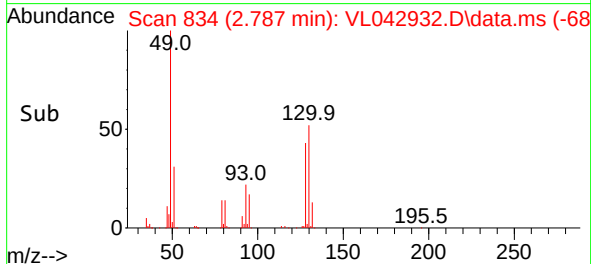
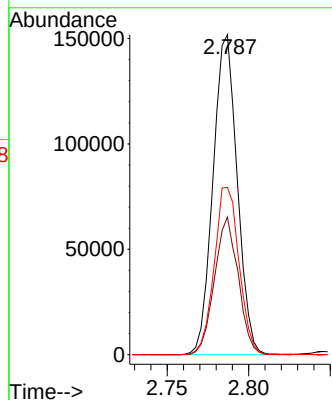
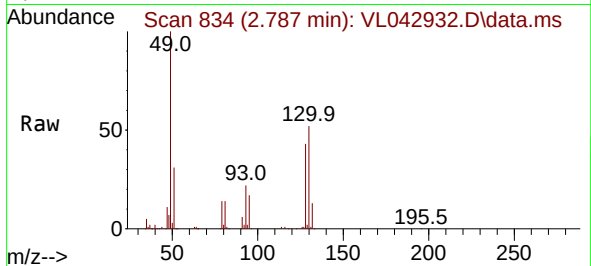




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.787 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042932.D
 Acq: 17 Sep 2025 11:58

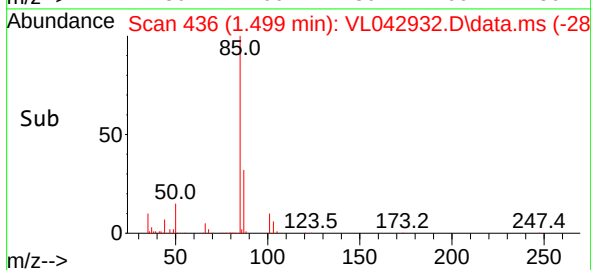
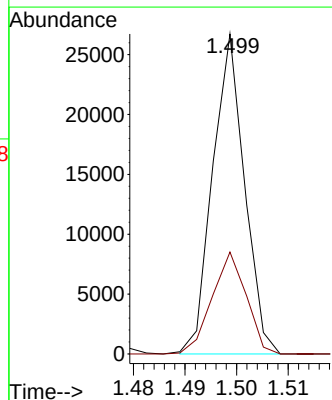
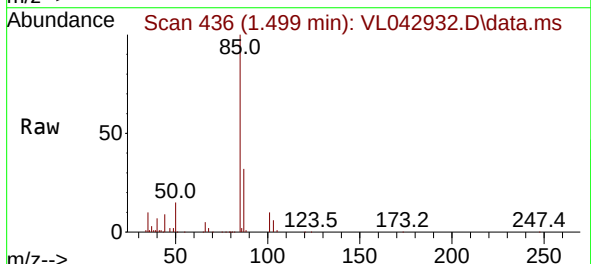
Instrument :
 MSVOA_L
 ClientSampleId :

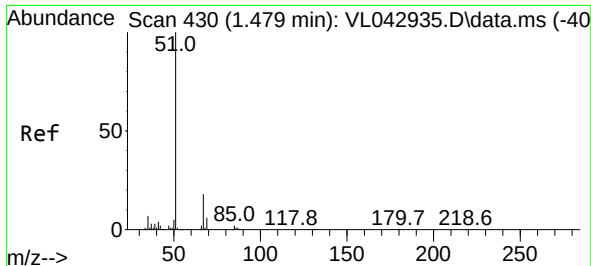
Tgt Ion: 49 Resp: 156392
 Ion Ratio Lower Upper
 49 100
 128 42.3 21.1 63.4
 130 53.9 26.4 79.2



#2
 Dichlorodifluoromethane
 Concen: 0.513 ppbv
 RT: 1.499 min Scan# 436
 Delta R.T. -0.003 min
 Lab File: VL042932.D
 Acq: 17 Sep 2025 11:58

Tgt Ion: 85 Resp: 11457
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.1 39.1

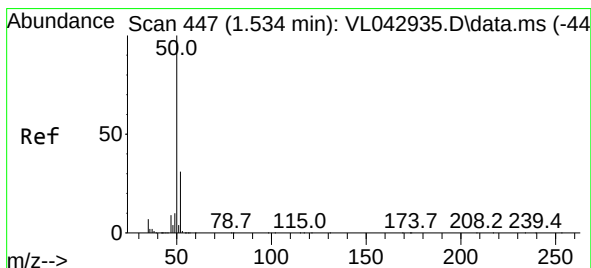
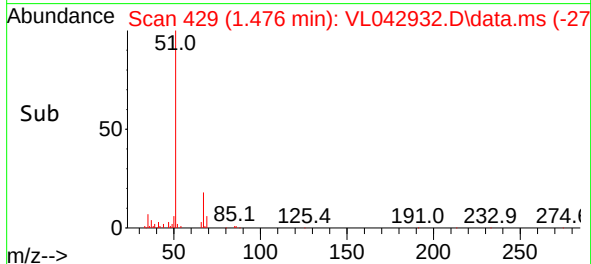
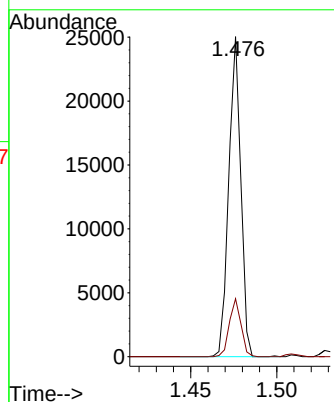
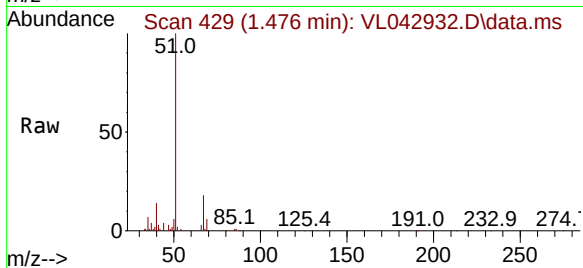




#3
Chlorodifluoromethane
Concen: 0.517 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

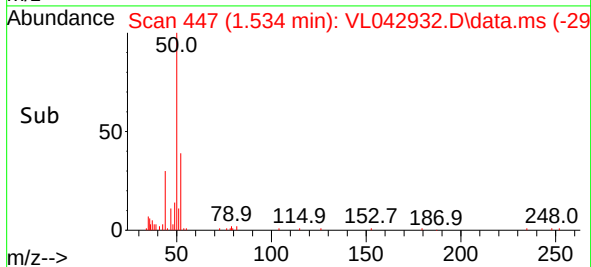
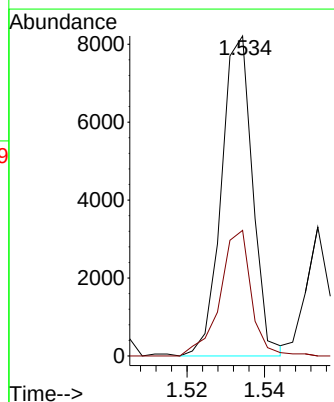
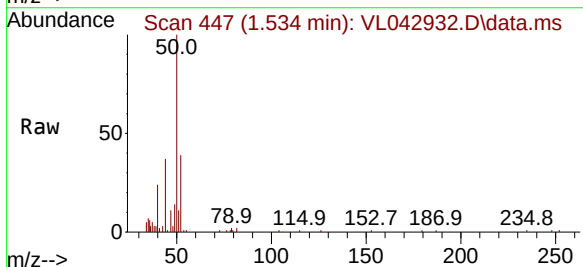
Instrument :
MSVOA_L
ClientSampleId :

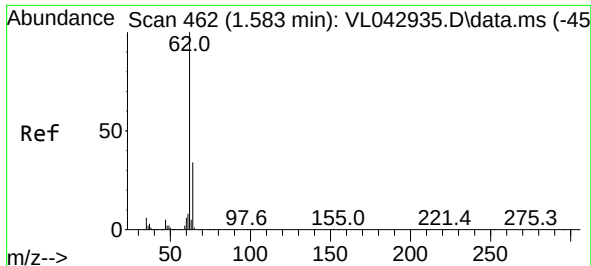
Tgt Ion: 51 Resp: 12168
Ion Ratio Lower Upper
51 100
67 17.6 14.1 21.1



#4
Chloromethane
Concen: 0.512 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.000 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

Tgt Ion: 50 Resp: 4596
Ion Ratio Lower Upper
50 100
52 39.2 24.6 36.8#

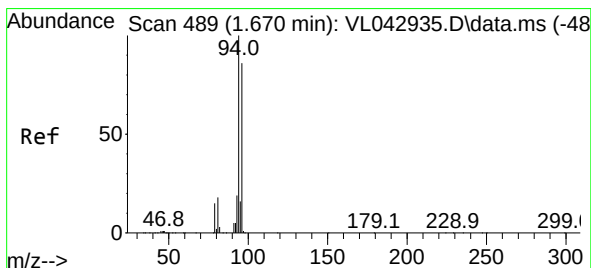
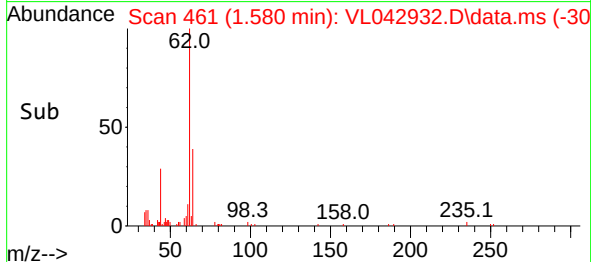
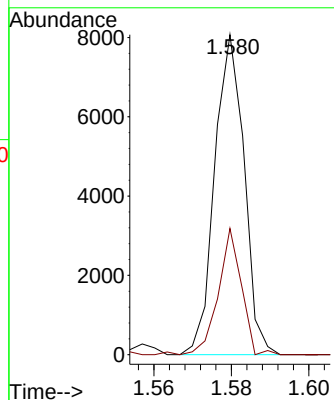
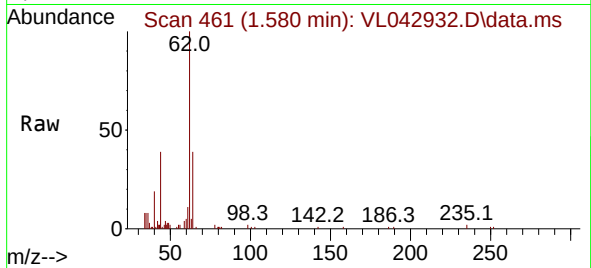




#5
Vinyl Chloride
Concen: 0.503 ppbv
RT: 1.580 min Scan# 461
Delta R.T. -0.003 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

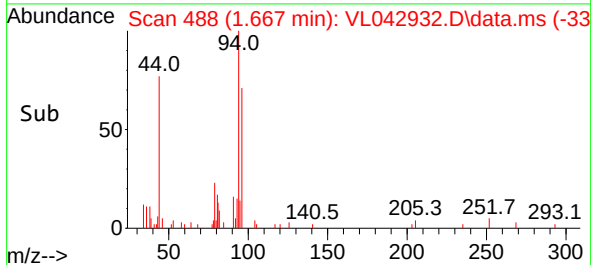
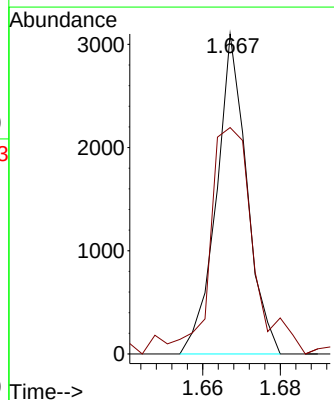
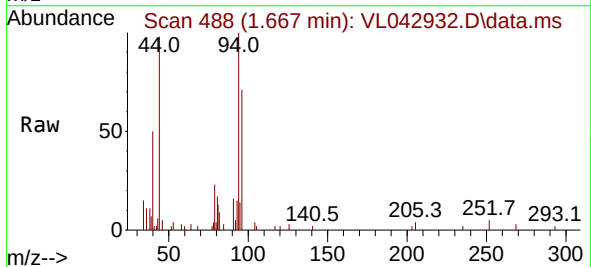
Instrument :
MSVOA_L
ClientSampleId :

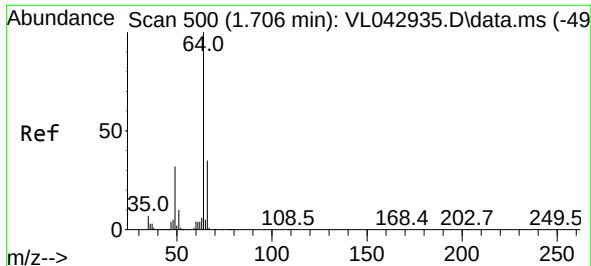
Tgt Ion: 62 Resp: 4260
Ion Ratio Lower Upper
62 100
64 39.5 27.0 40.6



#6
Bromomethane
Concen: 0.576 ppbv
RT: 1.667 min Scan# 488
Delta R.T. -0.003 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

Tgt Ion: 94 Resp: 1694
Ion Ratio Lower Upper
94 100
96 66.2 68.6 103.0#

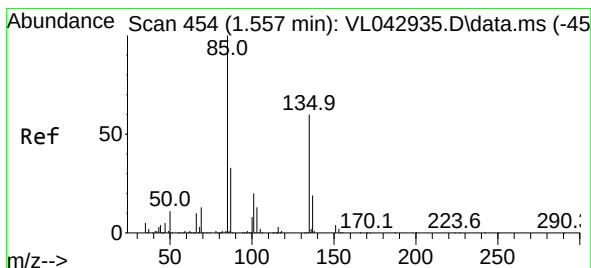
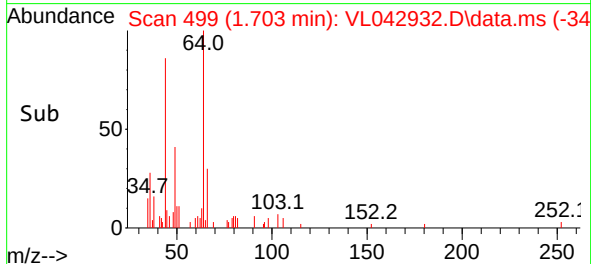
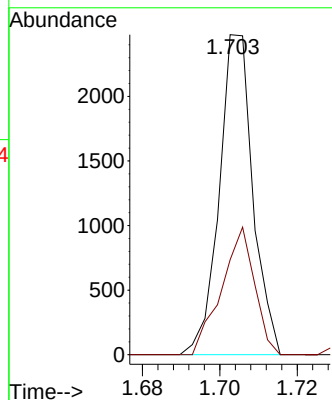
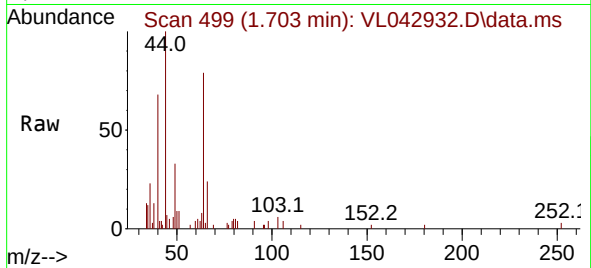




#7
Chloroethane
Concen: 0.481 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.003 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

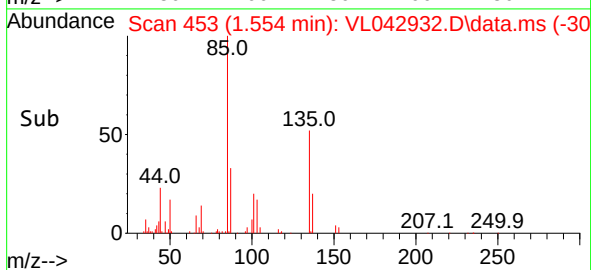
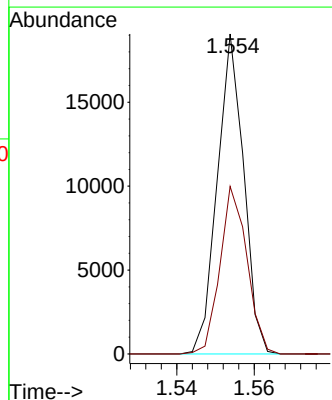
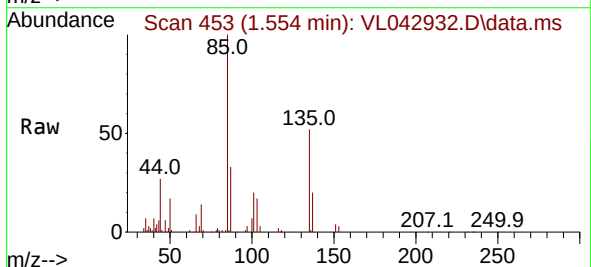
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MSVOA_L
ClientSampleId :

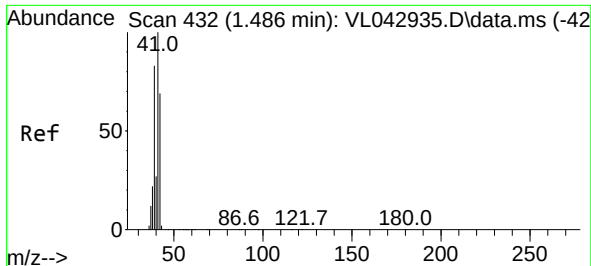
Tgt Ion: 64 Resp: 1499
Ion Ratio Lower Upper
64 100
66 29.7 27.9 41.9



#8
Dichlorotetrafluoroethane
Concen: 0.509 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.003 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

Tgt Ion: 85 Resp: 9022
Ion Ratio Lower Upper
85 100
135 53.6 48.1 72.1





#9

Propene

Concen: 0.469 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042932.D

Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_L

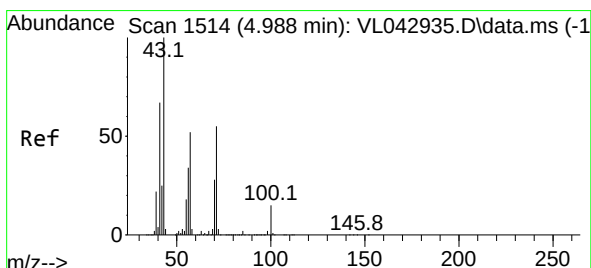
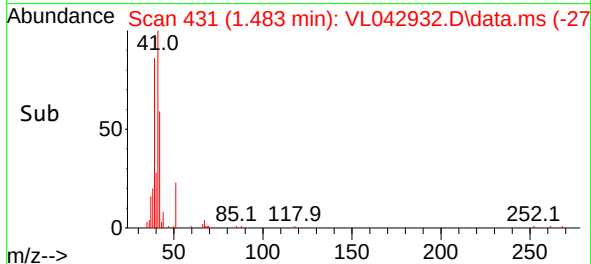
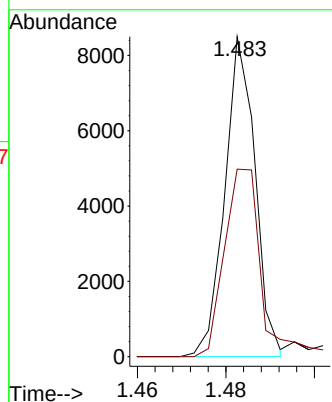
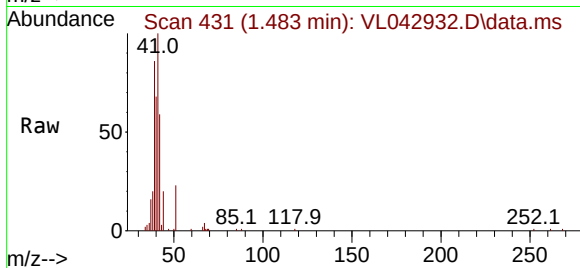
ClientSampleId :

Tgt Ion: 41 Resp: 4027

Ion Ratio Lower Upper

41 100

42 76.7 55.0 82.4



#10

Heptane

Concen: 0.103 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. 0.000 min

Lab File: VL042932.D

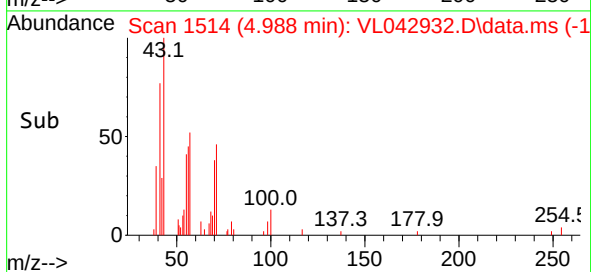
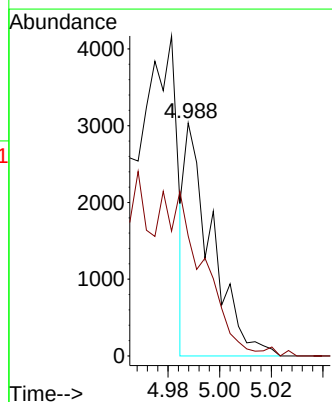
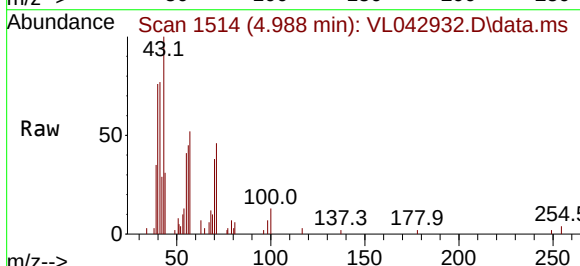
Acq: 17 Sep 2025 11:58

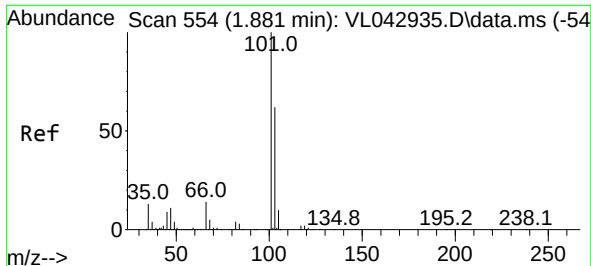
Tgt Ion: 43 Resp: 2192

Ion Ratio Lower Upper

43 100

57 0.0 39.8 59.8#

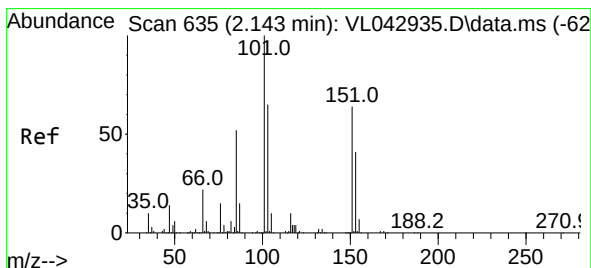
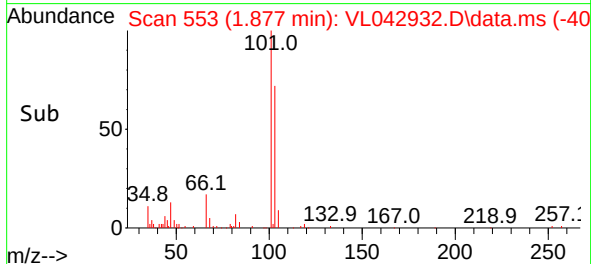
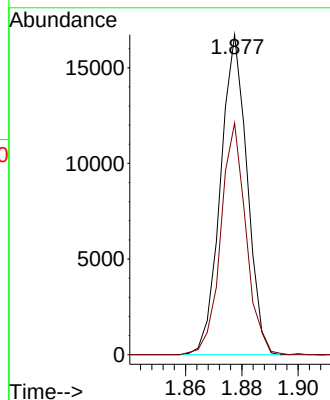
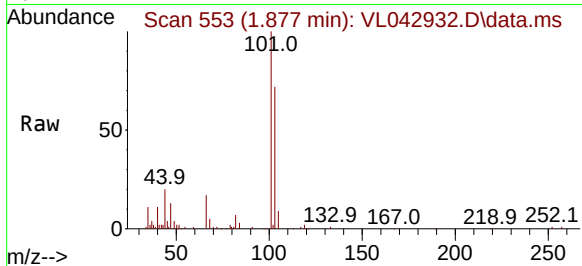




#11
 Trichlorofluoromethane
 Concen: 0.496 ppbv
 RT: 1.877 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL042932.D
 Acq: 17 Sep 2025 11:58

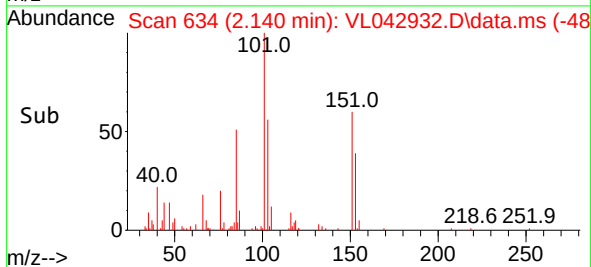
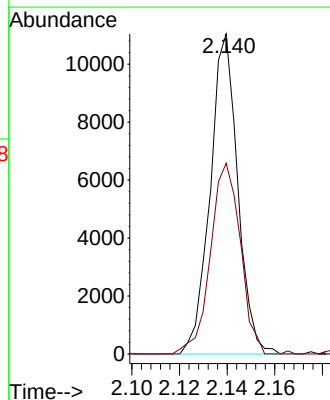
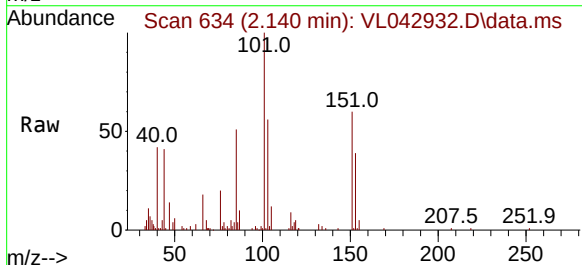
Instrument :
 MSVOA_L
 ClientSampleId :

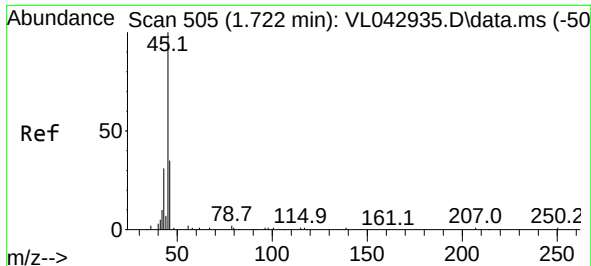
Tgt Ion:101 Resp: 10951
 Ion Ratio Lower Upper
 101 100
 103 72.4 49.6 74.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.515 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. -0.003 min
 Lab File: VL042932.D
 Acq: 17 Sep 2025 11:58

Tgt Ion:101 Resp: 8872
 Ion Ratio Lower Upper
 101 100
 151 65.1 51.9 77.9

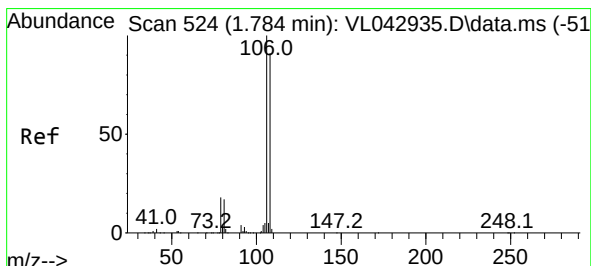
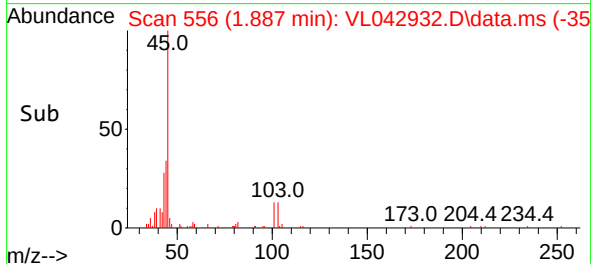
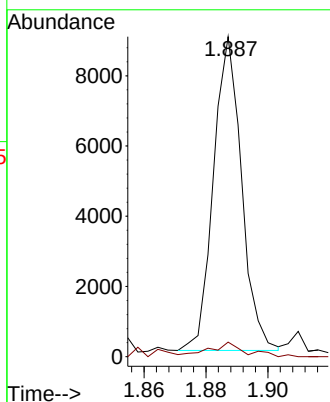
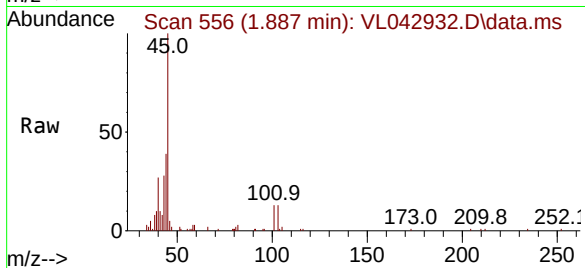




#13
Ethanol
Concen: 6.437 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.165 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

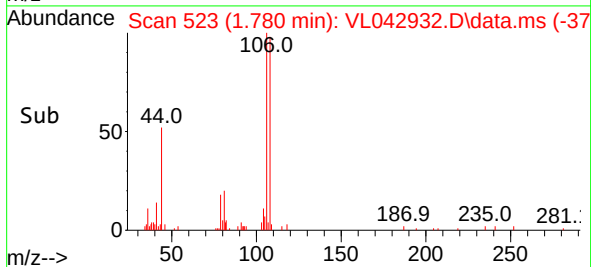
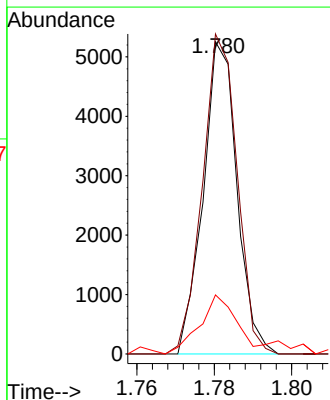
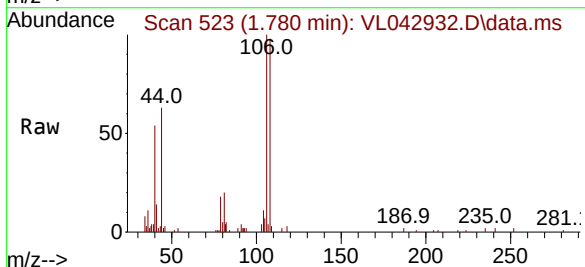
Instrument :
MSVOA_L
ClientSampleId :

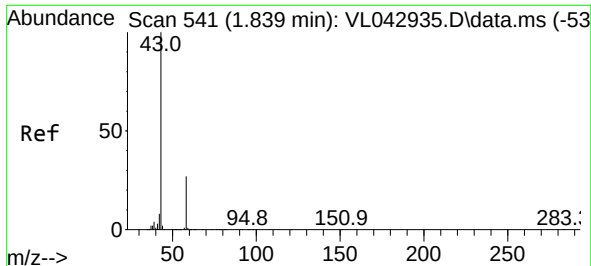
Tgt Ion: 45 Resp: 5637
Ion Ratio Lower Upper
45 100
46 0.0 16.5 66.1#



#14
Bromoethene
Concen: 0.518 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.003 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

Tgt Ion: 108 Resp: 3180
Ion Ratio Lower Upper
108 100
106 105.2 86.0 129.0
79 25.3 17.2 25.8

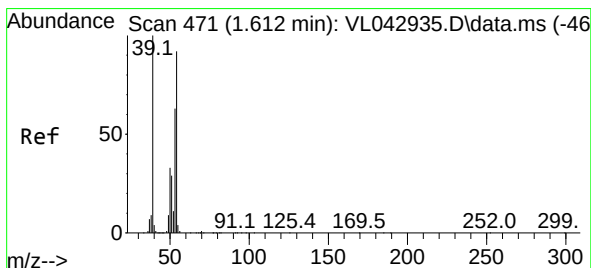
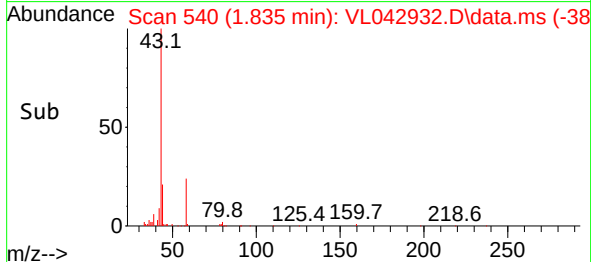
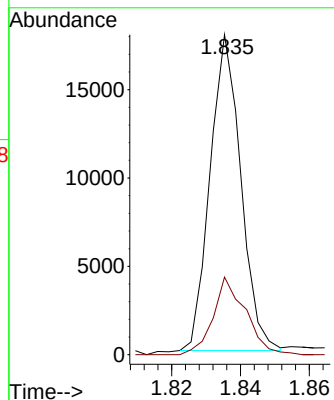
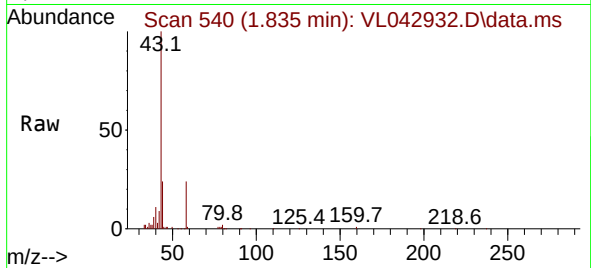




#15
Acetone
Concen: 0.578 ppbv
RT: 1.835 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

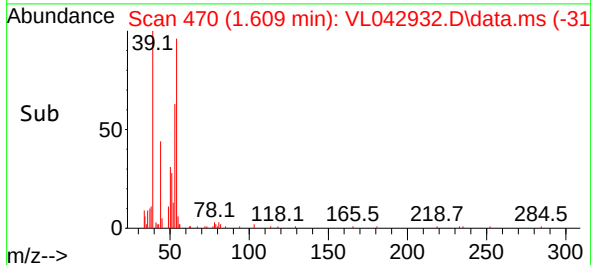
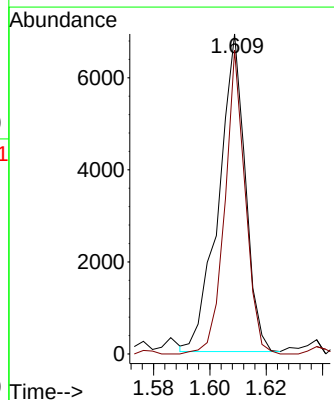
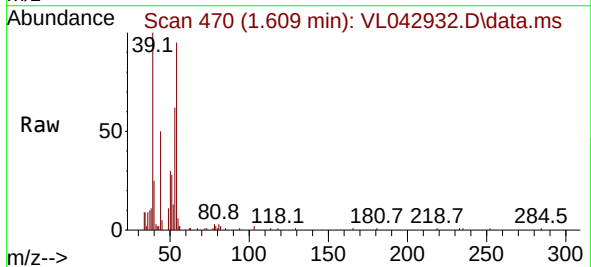
Instrument :
MSVOA_L
ClientSampleId :

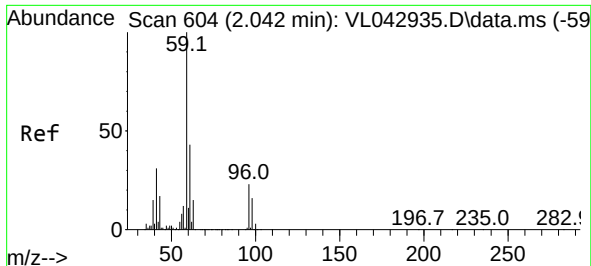
Tgt Ion: 43 Resp: 11107
Ion Ratio Lower Upper
43 100
58 25.9 22.2 33.2



#16
1,3-Butadiene
Concen: 0.563 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.003 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

Tgt Ion: 39 Resp: 4527
Ion Ratio Lower Upper
39 100
54 76.1 62.2 93.4





#17

tert-Butyl alcohol

Concen: 0.518 ppbv

RT: 2.042 min Scan# 604

Delta R.T. 0.000 min

Lab File: VL042932.D

Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_L

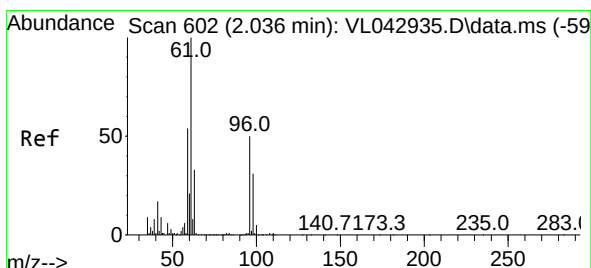
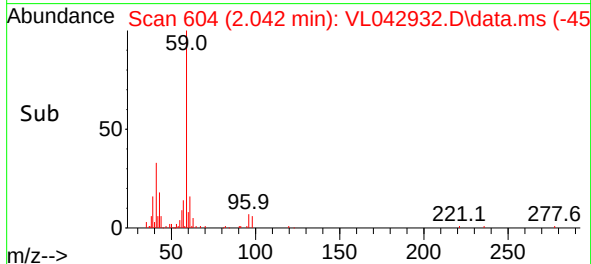
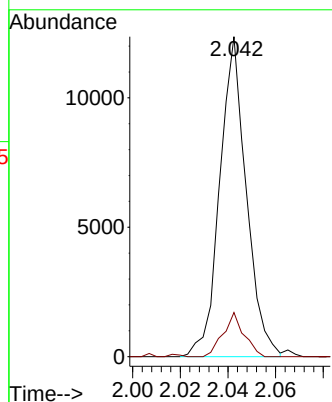
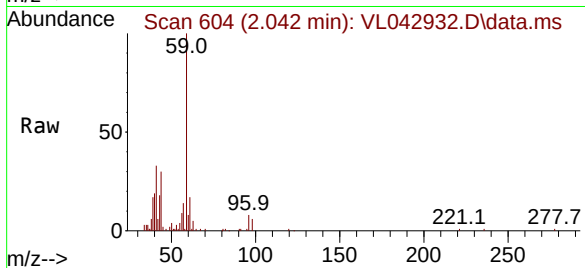
ClientSampleId :

Tgt Ion: 59 Resp: 9574

Ion Ratio Lower Upper

59 100

57 11.4 9.0 13.6



#18

1,1-Dichloroethene

Concen: 0.491 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.003 min

Lab File: VL042932.D

Acq: 17 Sep 2025 11:58

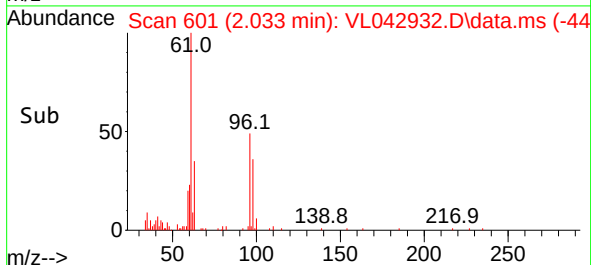
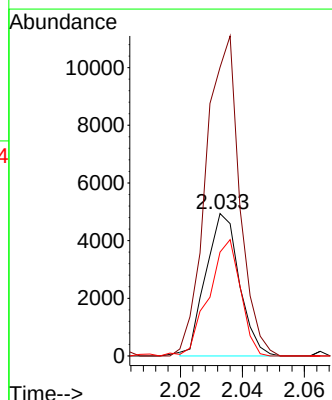
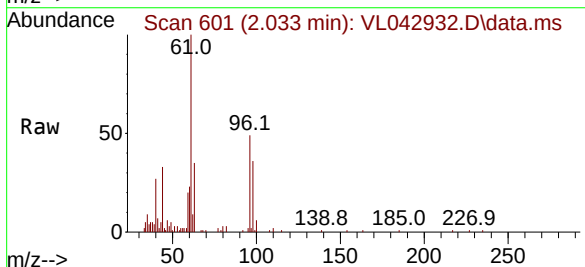
Tgt Ion: 96 Resp: 3704

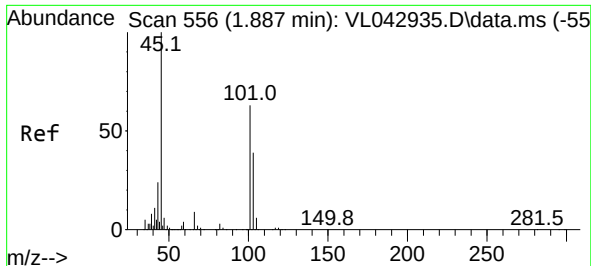
Ion Ratio Lower Upper

96 100

61 202.6 161.1 241.7

98 72.9 50.7 76.1

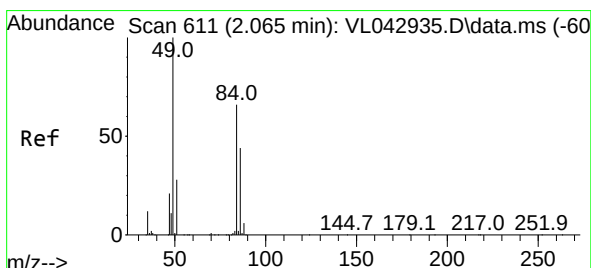
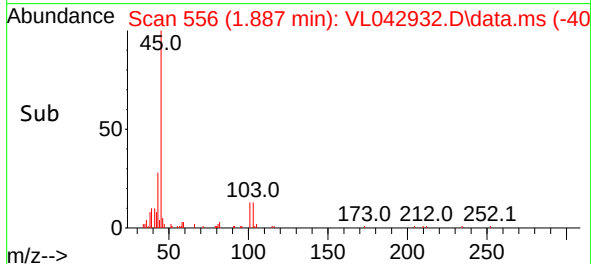
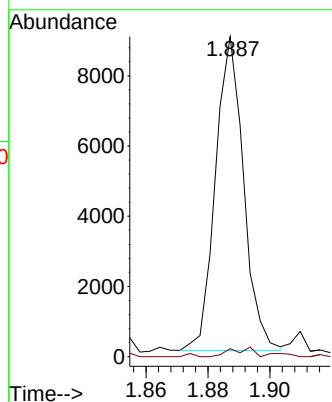
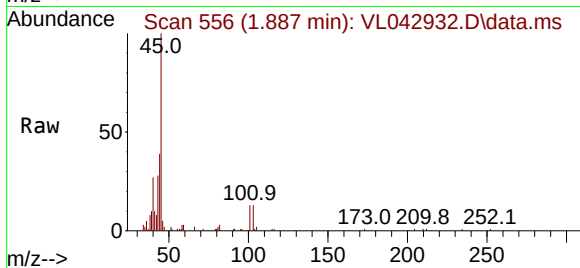




#19
Isopropyl Alcohol
Concen: 0.547 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

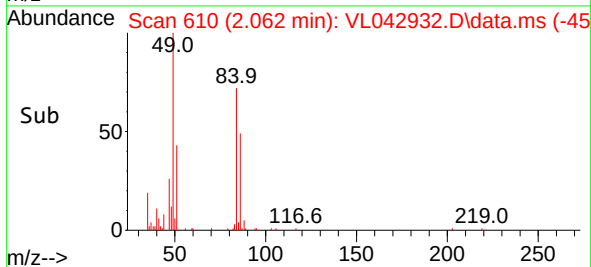
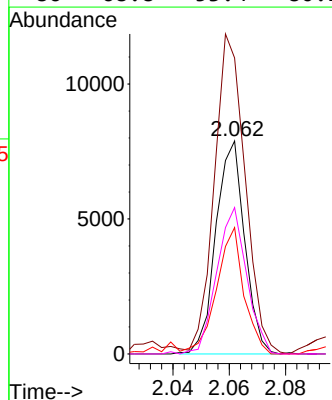
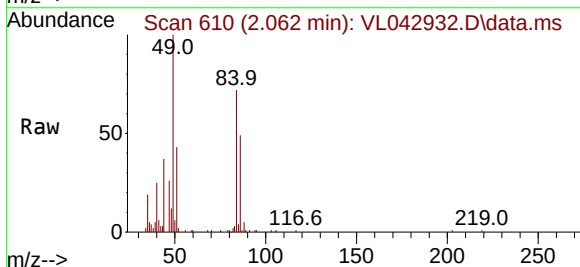
Instrument :
MSVOA_L
ClientSampleId :

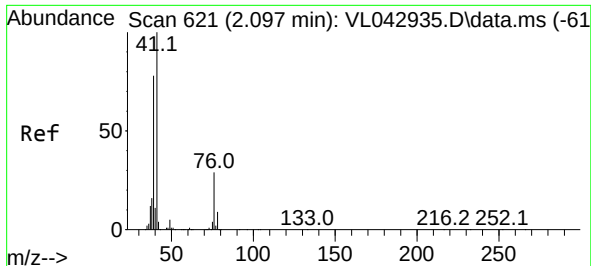
Tgt Ion: 45 Resp: 5637
Ion Ratio Lower Upper
45 100
58 3.4 2.0 3.0#



#20
Methylene Chloride
Concen: 0.670 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.003 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

Tgt Ion: 84 Resp: 5602
Ion Ratio Lower Upper
84 100
49 138.1 121.8 182.6
51 59.4 35.6 53.4#
86 68.8 53.4 80.2

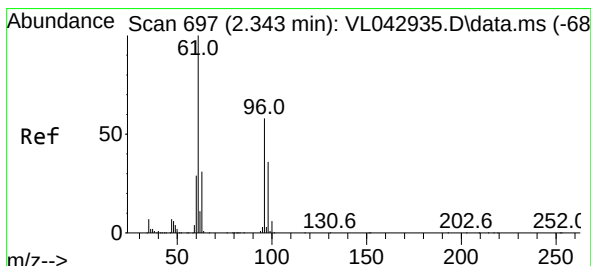
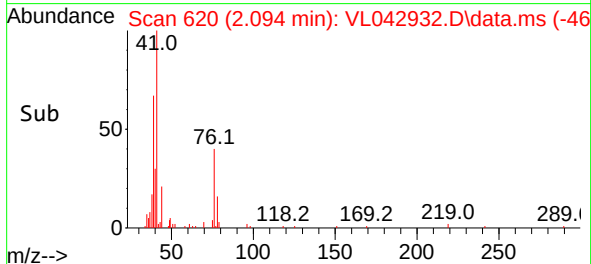
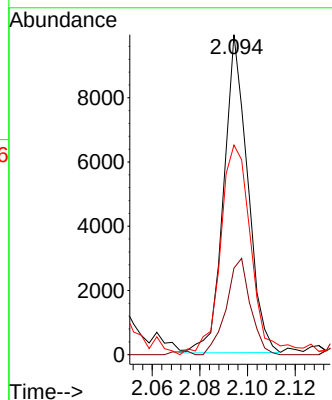
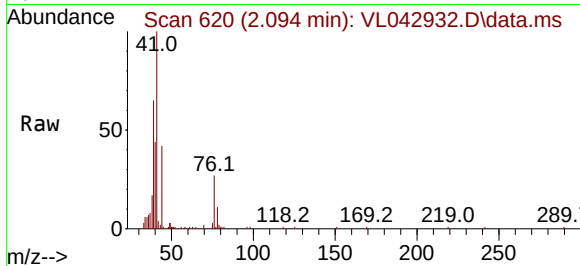




#21
 Allyl Chloride
 Concen: 0.531 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042932.D
 Acq: 17 Sep 2025 11:58

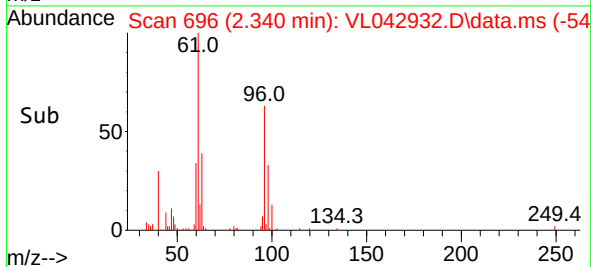
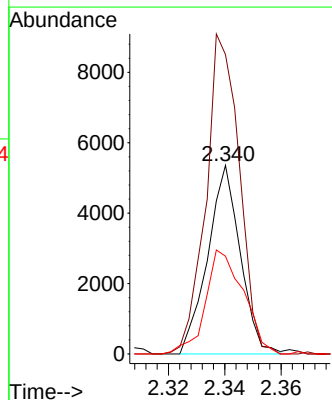
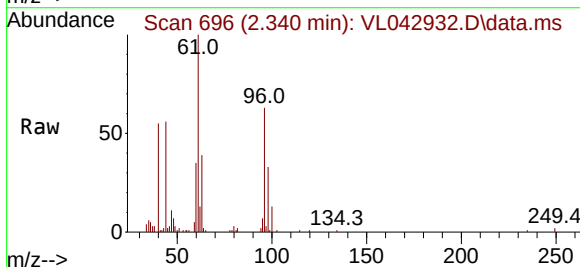
Instrument :
 MSVOA_L
 ClientSampleId :

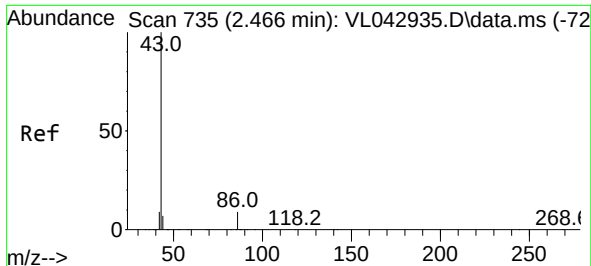
Tgt Ion: 41 Resp: 6908
 Ion Ratio Lower Upper
 41 100
 76 31.2 23.8 35.6
 39 88.4 63.2 94.8



#22
 trans-1,2-Dichloroethene
 Concen: 0.502 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.003 min
 Lab File: VL042932.D
 Acq: 17 Sep 2025 11:58

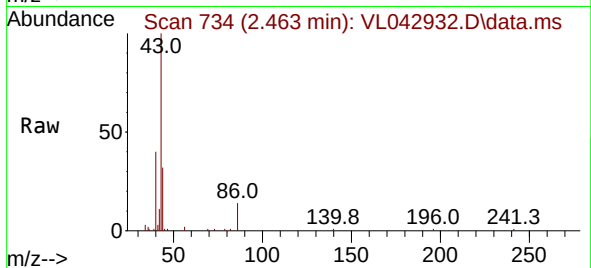
Tgt Ion: 96 Resp: 4297
 Ion Ratio Lower Upper
 96 100
 61 158.8 139.0 208.6
 98 51.9 49.4 74.2



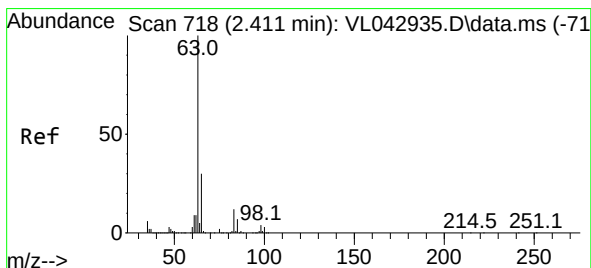
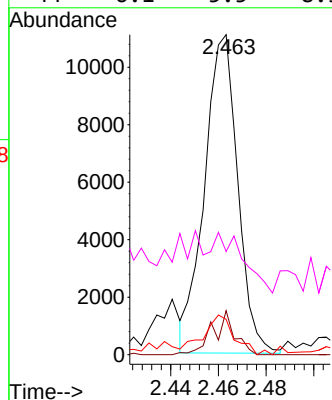
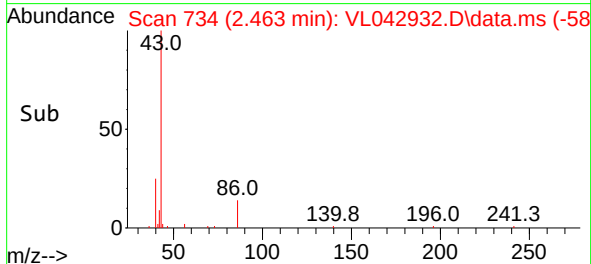


#23
 Vinyl Acetate
 Concen: 0.481 ppbv
 RT: 2.463 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042932.D
 Acq: 17 Sep 2025 11:58

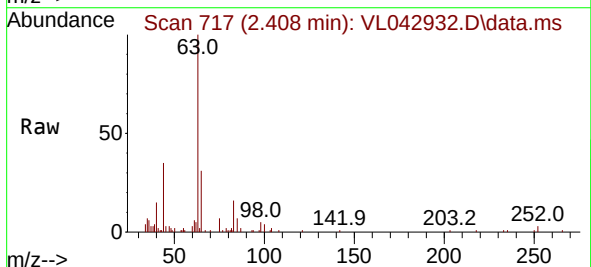
Instrument :
 MSVOA_L
 ClientSampleId :



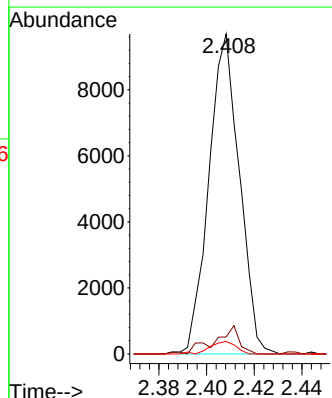
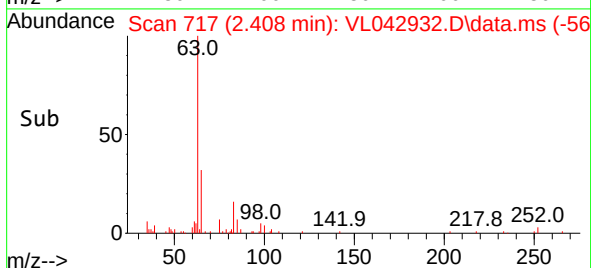
Tgt Ion: 43 Resp: 10743
 Ion Ratio Lower Upper
 43 100
 86 13.9 6.4 9.6#
 42 9.4 7.5 11.3
 44 6.1 5.5 8.3

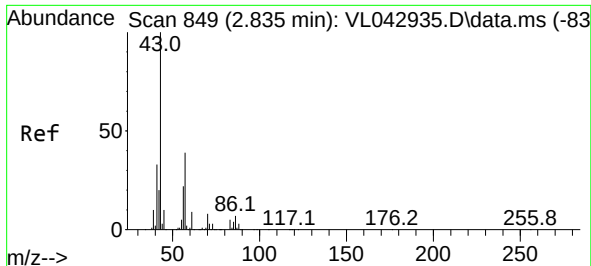


#24
 1,1-Dichloroethane
 Concen: 0.511 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042932.D
 Acq: 17 Sep 2025 11:58



Tgt Ion: 63 Resp: 8640
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.2 6.6
 100 3.9 1.7 5.1





#25

Ethyl Acetate

Concen: 0.450 ppbv

RT: 2.839 min Scan# 849

Delta R.T. 0.003 min

Lab File: VL042932.D

Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 18457

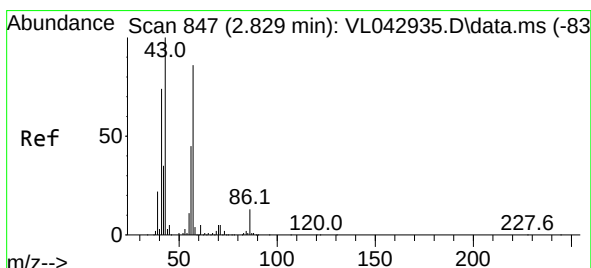
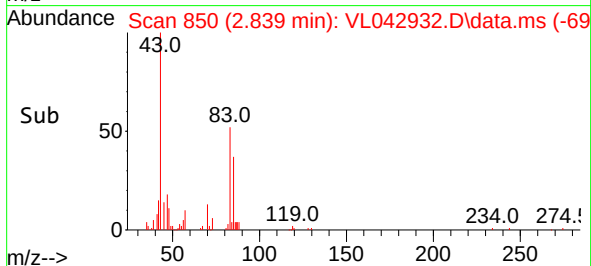
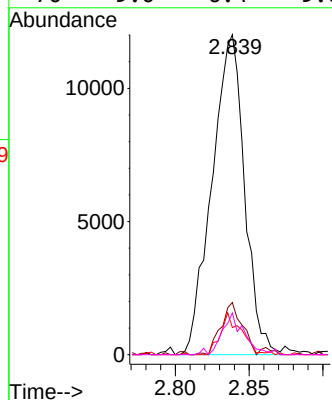
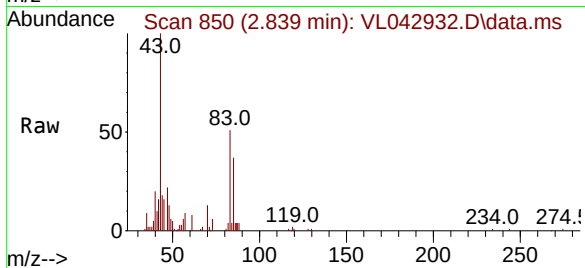
Ion Ratio Lower Upper

43 100

45 11.5 7.8 11.8

61 8.4 7.2 10.8

70 9.0 6.4 9.6



#26

Hexane

Concen: 0.417 ppbv

RT: 2.826 min Scan# 846

Delta R.T. -0.003 min

Lab File: VL042932.D

Acq: 17 Sep 2025 11:58

Tgt Ion: 57 Resp: 7346

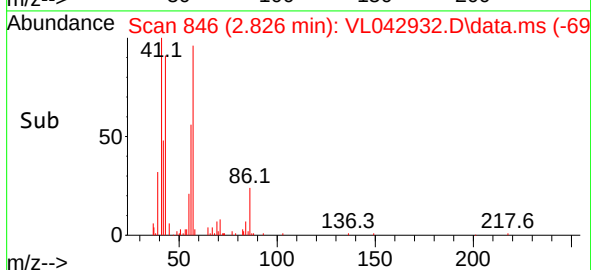
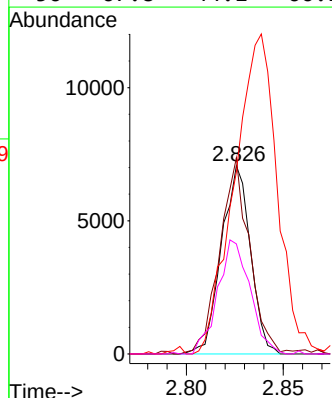
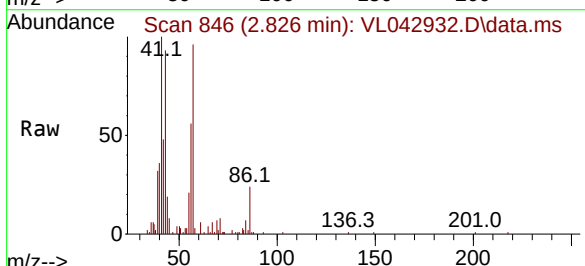
Ion Ratio Lower Upper

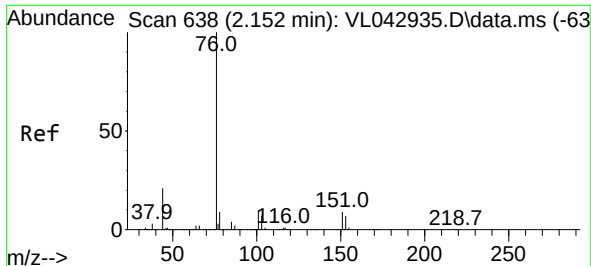
57 100

41 108.7 71.3 106.9#

43 255.3 183.9 275.9

56 67.8 44.1 66.1#





#27

Carbon Disulfide

Concen: 0.517 ppbv

RT: 2.149 min Scan# 61

Delta R.T. -0.003 min

Lab File: VL042932.D

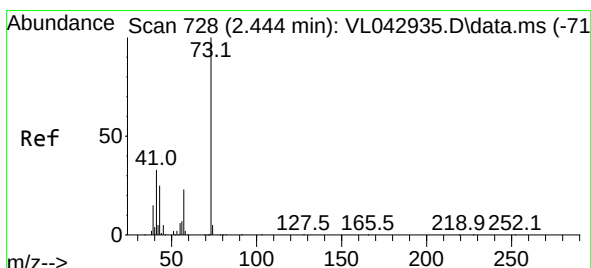
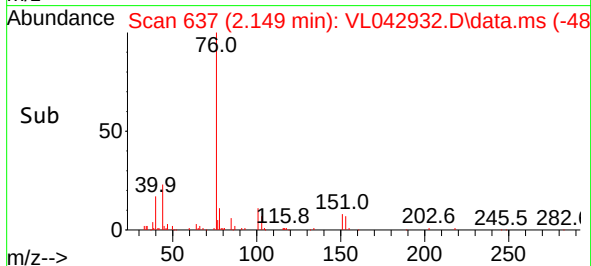
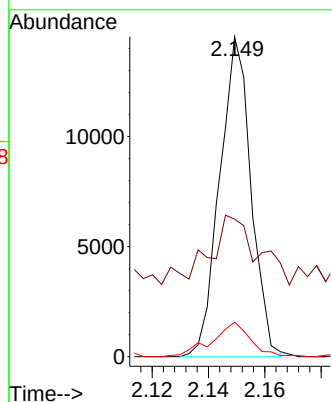
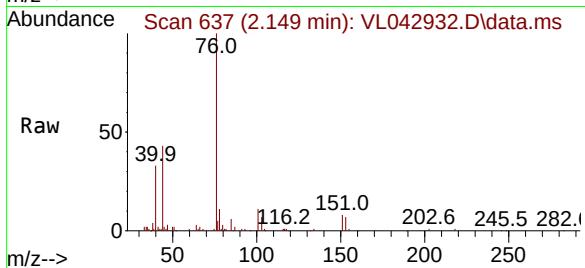
Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 76	Resp: 11231
Ion Ratio	Lower Upper
76	100
44	90.6 15.4 23.0#
78	13.2 9.1 13.7



#28

Methyl tert-Butyl Ether

Concen: 0.520 ppbv

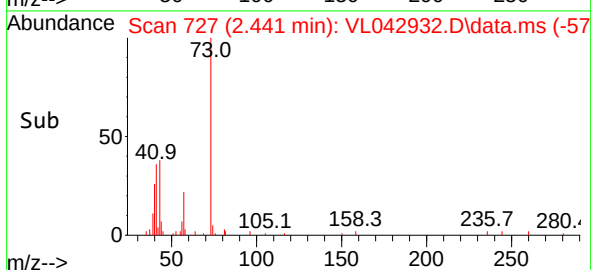
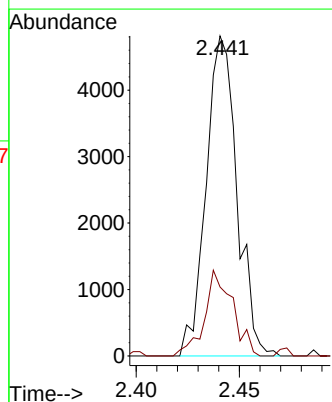
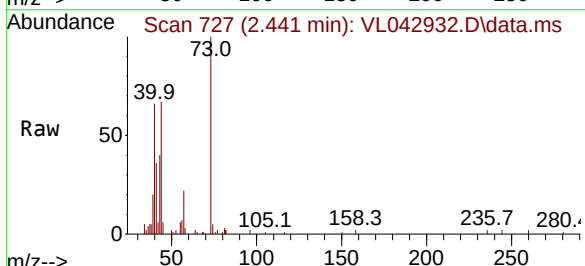
RT: 2.441 min Scan# 727

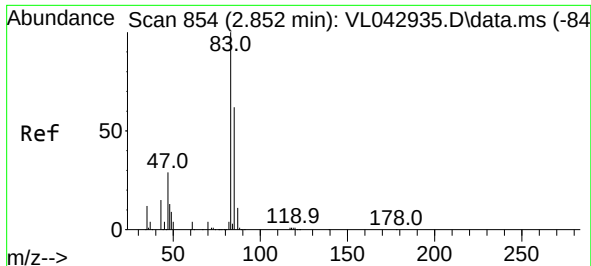
Delta R.T. -0.003 min

Lab File: VL042932.D

Acq: 17 Sep 2025 11:58

Tgt Ion: 73	Resp: 5027
Ion Ratio	Lower Upper
73	100
57	25.0 18.6 28.0





#29

Chloroform

Concen: 0.490 ppbv

RT: 2.845 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL042932.D

Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_L

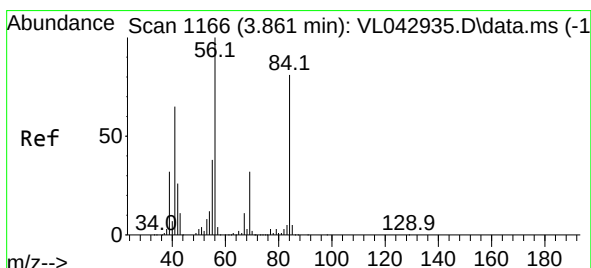
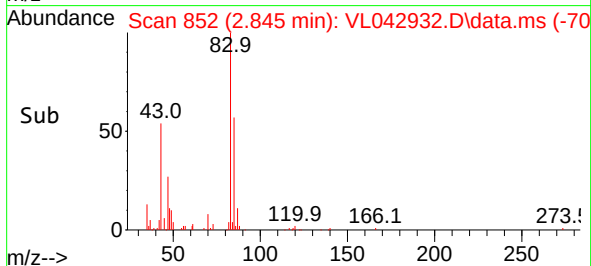
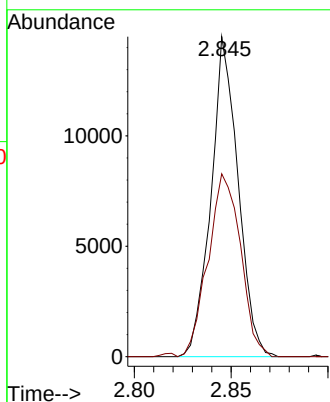
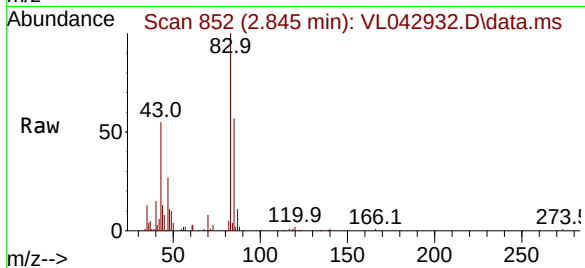
ClientSampleId :

Tgt Ion: 83 Resp: 14102

Ion Ratio Lower Upper

83 100

85 57.1 49.7 74.5



#30

Cyclohexane

Concen: 0.246 ppbv

RT: 3.852 min Scan# 1163

Delta R.T. -0.010 min

Lab File: VL042932.D

Acq: 17 Sep 2025 11:58

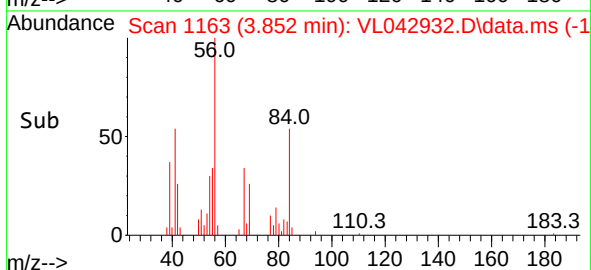
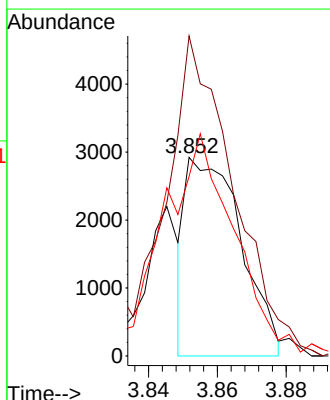
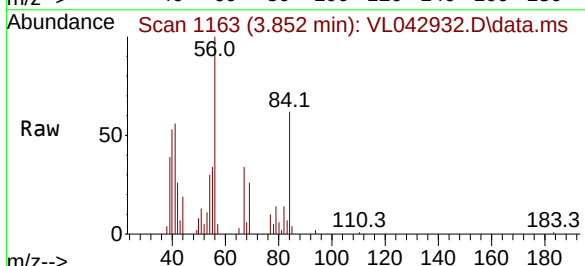
Tgt Ion: 84 Resp: 3260

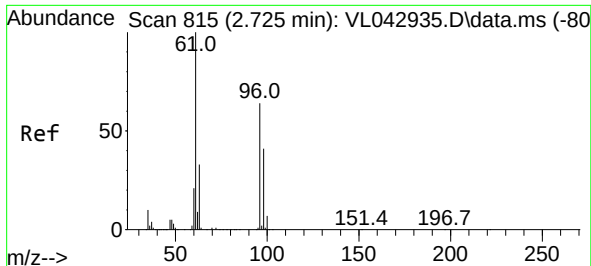
Ion Ratio Lower Upper

84 100

56 206.1 100.6 150.8#

41 151.5 65.4 98.0#

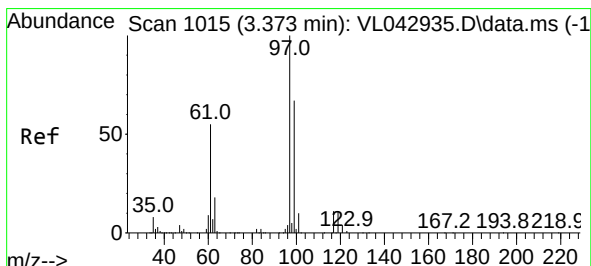
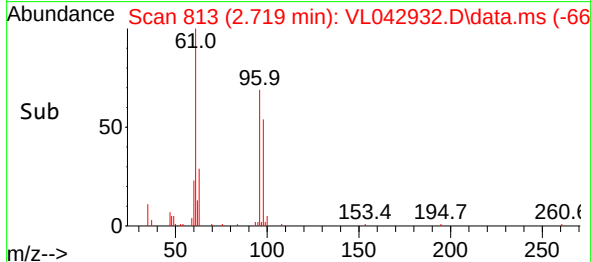
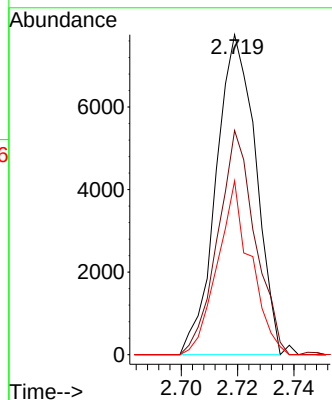
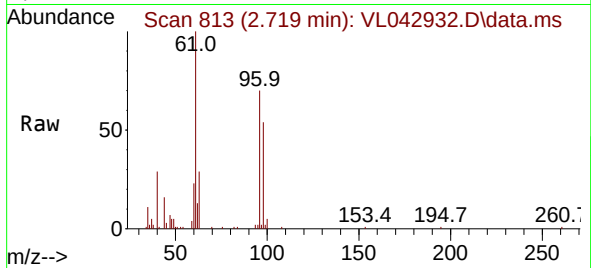




#31
 cis-1,2-Dichloroethene
 Concen: 0.440 ppbv
 RT: 2.719 min Scan# 815
 Delta R.T. -0.006 min
 Lab File: VL042932.D
 Acq: 17 Sep 2025 11:58

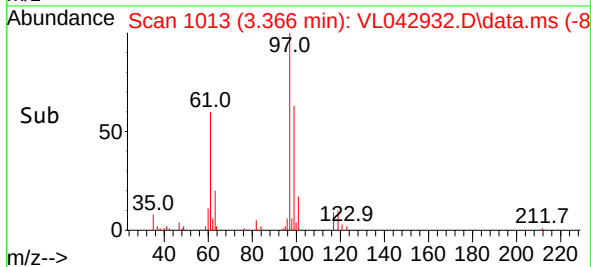
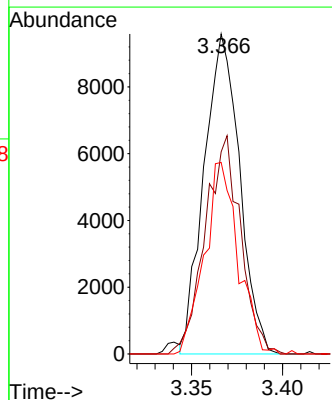
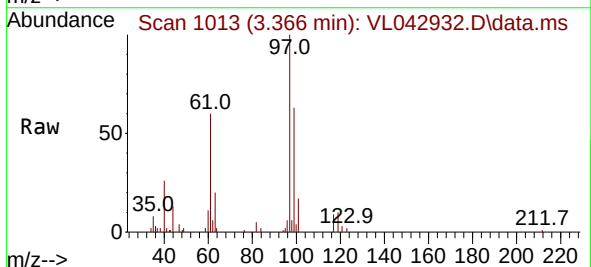
Instrument :
 MSVOA_L
 ClientSampleId :

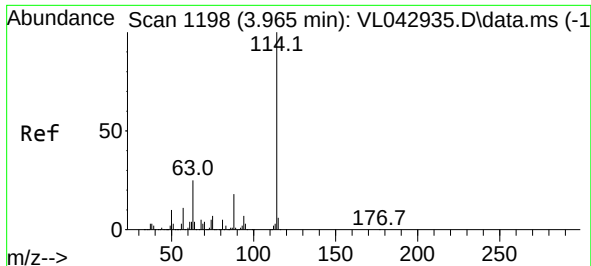
Tgt Ion: 61 Resp: 7566
 Ion Ratio Lower Upper
 61 100
 96 70.1 51.4 77.2
 98 54.3 32.8 49.2#



#32
 1,1,1-Trichloroethane
 Concen: 0.484 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.006 min
 Lab File: VL042932.D
 Acq: 17 Sep 2025 11:58

Tgt Ion: 97 Resp: 13029
 Ion Ratio Lower Upper
 97 100
 99 67.7 51.0 76.4
 61 57.0 43.2 64.8

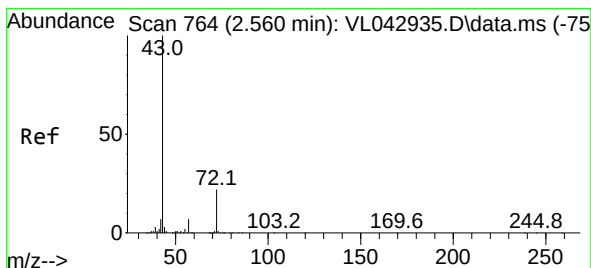
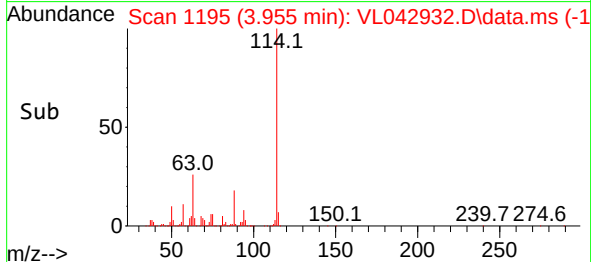
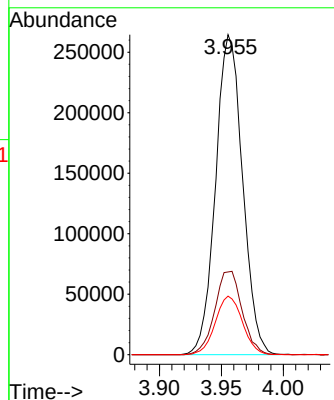
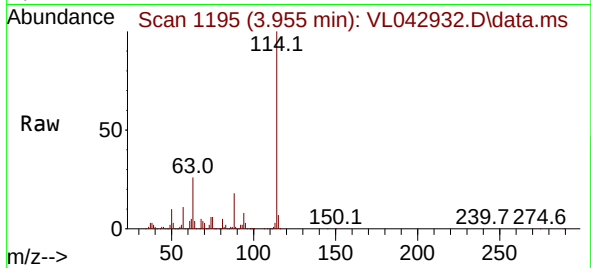




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.955 min Scan# 1198
 Delta R.T. -0.010 min
 Lab File: VL042932.D
 Acq: 17 Sep 2025 11:58

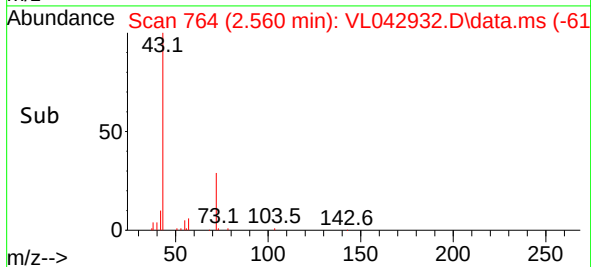
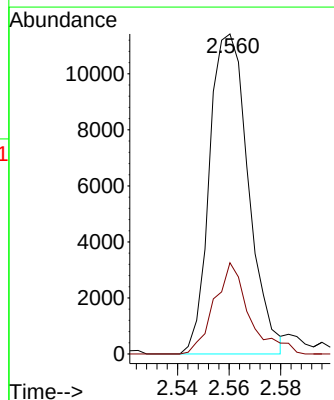
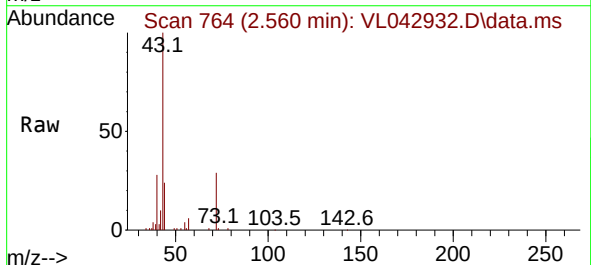
Instrument :
 MSVOA_L
 ClientSampleId :

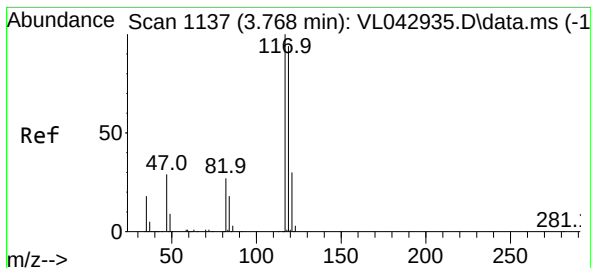
Tgt Ion:114 Resp: 401247
 Ion Ratio Lower Upper
 114 100
 63 26.5 21.1 31.7
 88 18.4 14.6 22.0



#34
 2-Butanone
 Concen: 0.460 ppbv
 RT: 2.560 min Scan# 764
 Delta R.T. 0.000 min
 Lab File: VL042932.D
 Acq: 17 Sep 2025 11:58

Tgt Ion: 43 Resp: 11954
 Ion Ratio Lower Upper
 43 100
 72 25.5 17.2 25.8





#35

Carbon Tetrachloride

Concen: 0.208 ppbv

RT: 3.755 min Scan# 1133

Delta R.T. -0.013 min

Lab File: VL042932.D

Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_L

ClientSampleId :

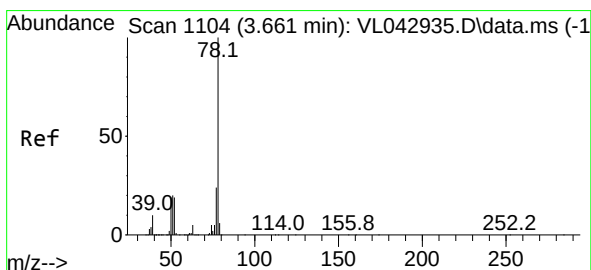
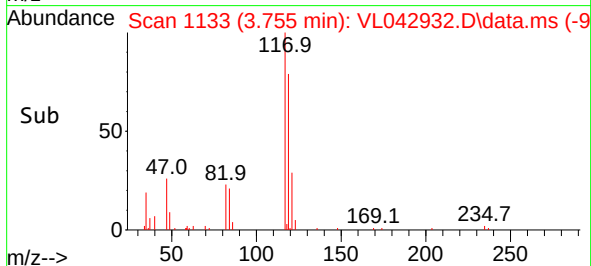
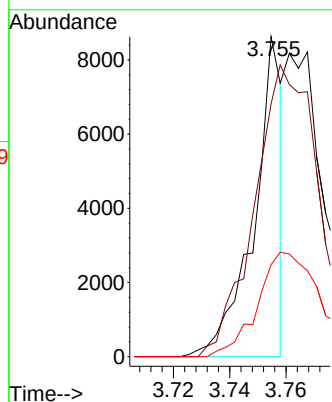
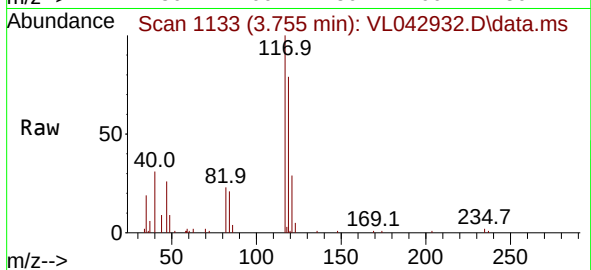
Tgt Ion:117 Resp: 5938

Ion Ratio Lower Upper

117 100

119 79.0 74.9 112.3

121 28.8 24.0 36.0



#36

Benzene

Concen: 0.467 ppbv

RT: 3.654 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VL042932.D

Acq: 17 Sep 2025 11:58

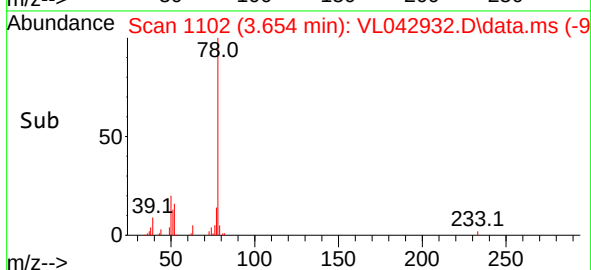
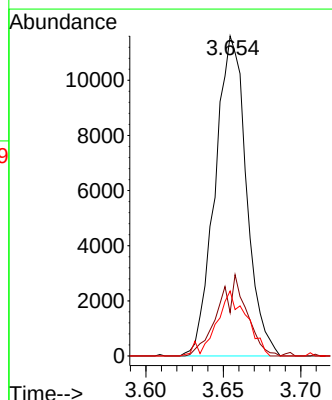
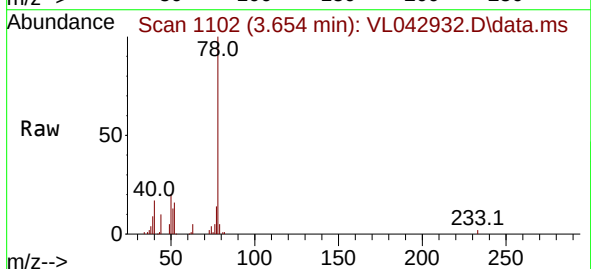
Tgt Ion: 78 Resp: 16361

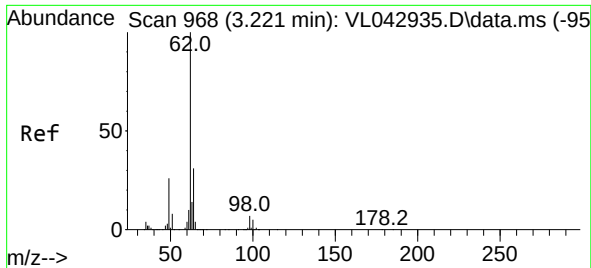
Ion Ratio Lower Upper

78 100

77 13.5 19.2 28.8#

50 20.3 14.8 22.2

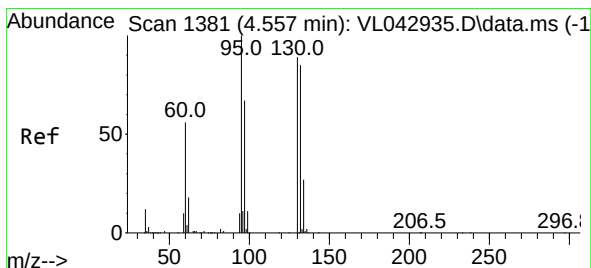
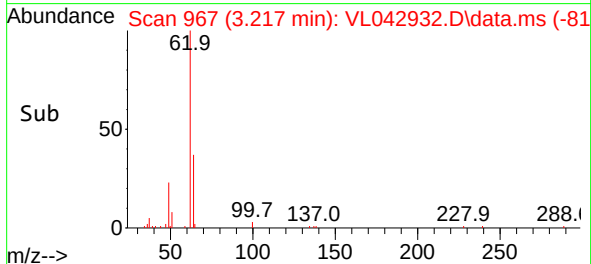
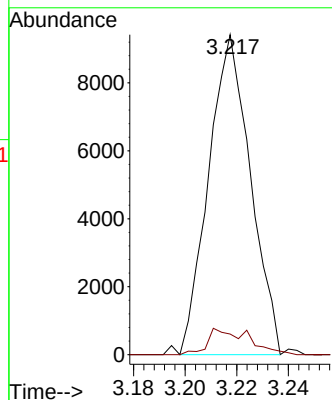
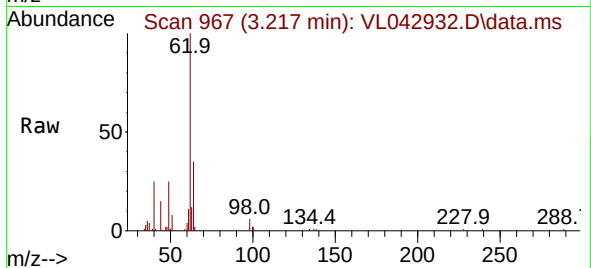




#37
1,2-Dichloroethane
Concen: 0.507 ppbv
RT: 3.217 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

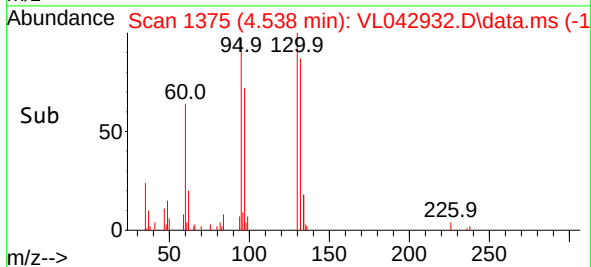
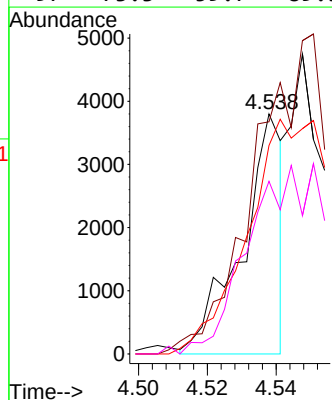
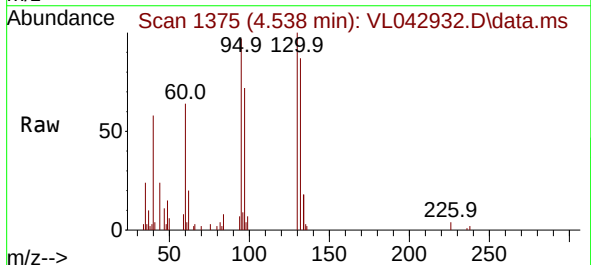
Instrument :
MSVOA_L
ClientSampleId :

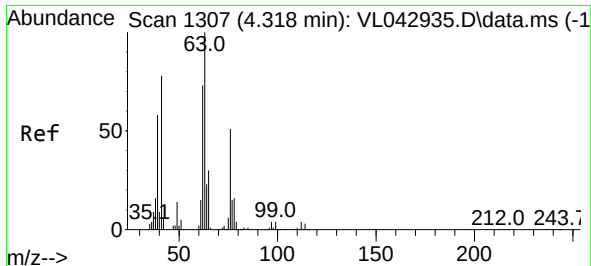
Tgt Ion: 62 Resp: 10620
Ion Ratio Lower Upper
62 100
98 8.1 5.5 8.3



#38
Trichloroethene
Concen: 0.195 ppbv
RT: 4.538 min Scan# 1375
Delta R.T. -0.019 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

Tgt Ion:130 Resp: 3096
Ion Ratio Lower Upper
130 100
95 93.2 89.8 134.6
132 86.2 76.3 114.5
97 73.3 59.7 89.5





#39

1,2-Dichloropropane

Concen: 0.508 ppbv

RT: 4.308 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL042932.D

Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_L

ClientSampleId :

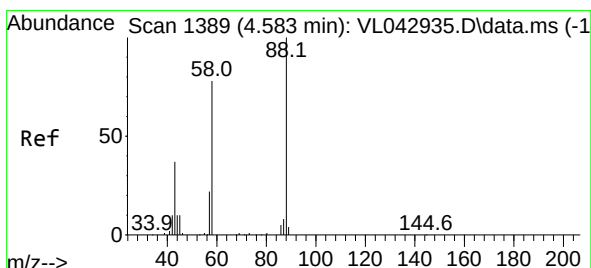
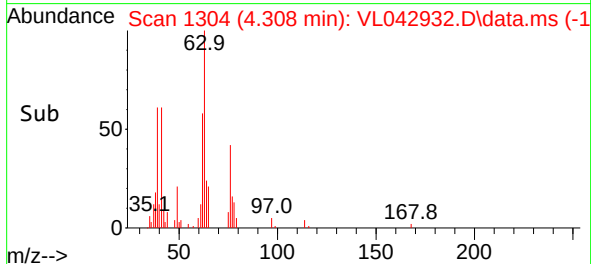
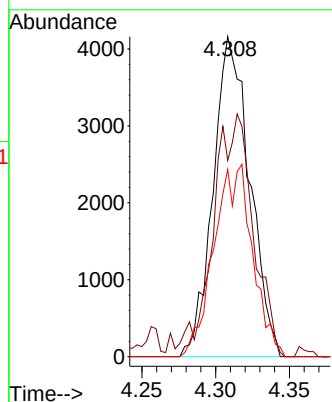
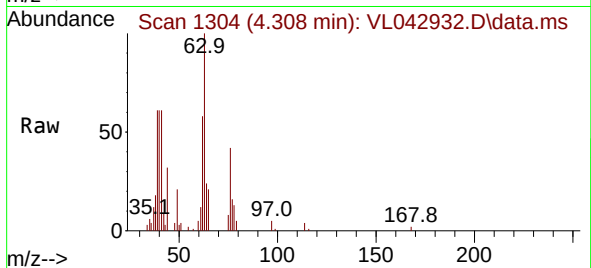
Tgt Ion: 63 Resp: 7185

Ion Ratio Lower Upper

63 100

41 60.0 62.7 94.1#

62 58.5 58.4 87.6



#40

1,4-Dioxane

Concen: 0.177 ppbv

RT: 4.596 min Scan# 1393

Delta R.T. 0.013 min

Lab File: VL042932.D

Acq: 17 Sep 2025 11:58

Tgt Ion: 88 Resp: 888

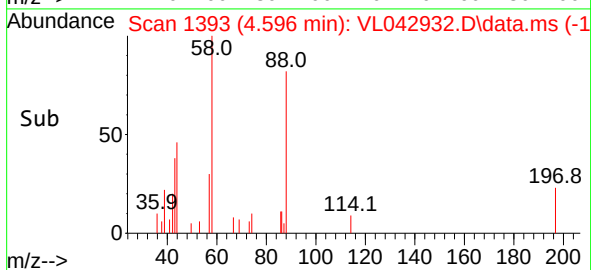
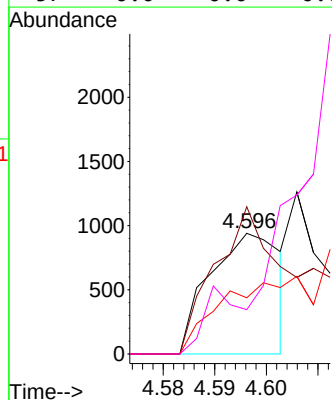
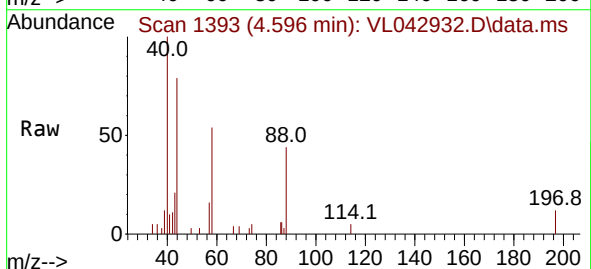
Ion Ratio Lower Upper

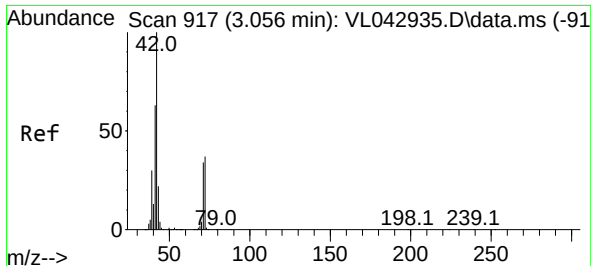
88 100

58 333.9 61.5 92.3#

43 0.0 28.3 42.5#

57 0.0 0.0 0.0

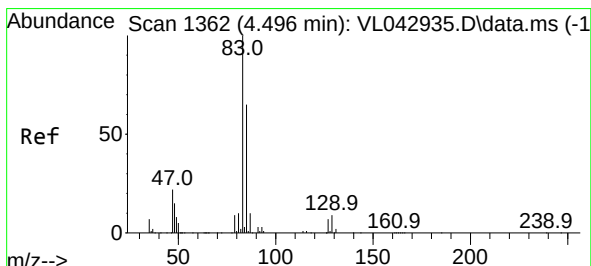
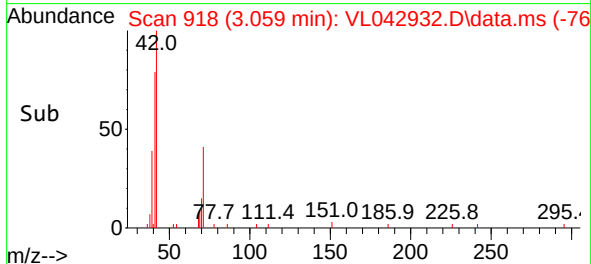
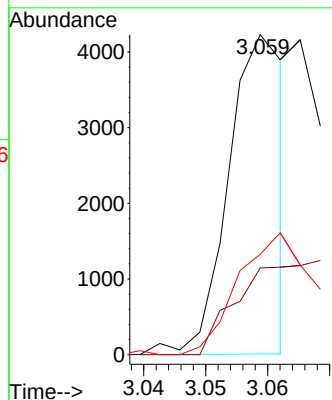
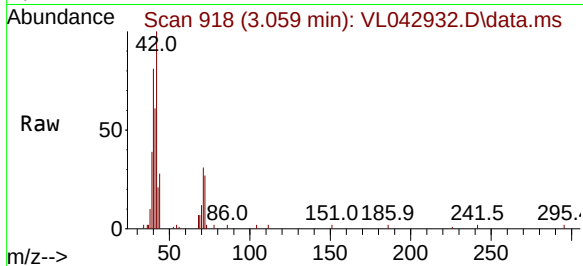




#41
Tetrahydrofuran
Concen: 0.205 ppbv
RT: 3.059 min Scan# 917
Delta R.T. 0.003 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

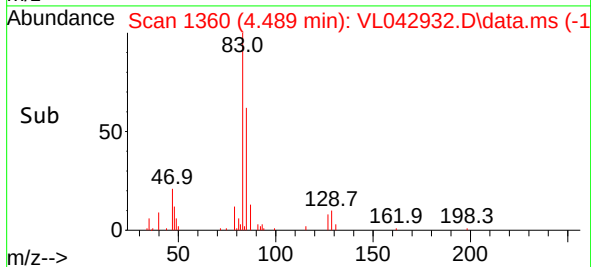
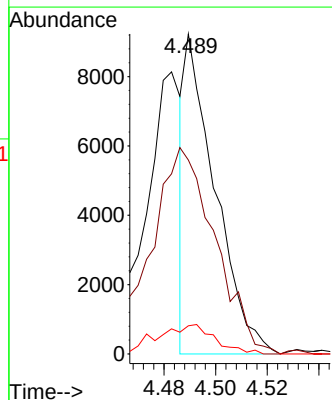
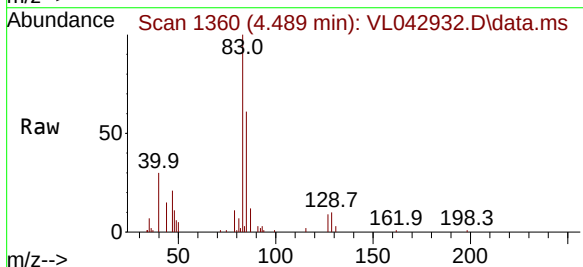
Instrument :
MSVOA_L
ClientSampleId :

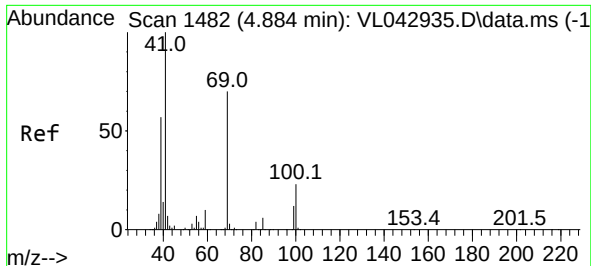
Tgt Ion: 42 Resp: 2619
Ion Ratio Lower Upper
42 100
72 0.0 30.4 45.6#
71 0.0 28.3 42.5#



#42
Bromodichloromethane
Concen: 0.249 ppbv
RT: 4.489 min Scan# 1360
Delta R.T. -0.006 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

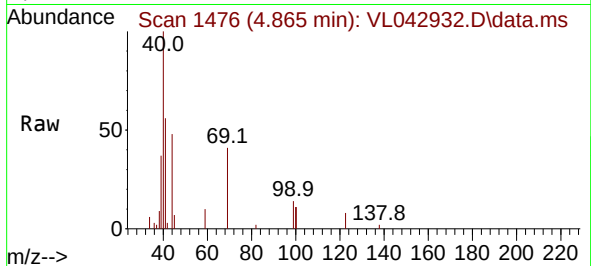
Tgt Ion: 83 Resp: 7502
Ion Ratio Lower Upper
83 100
85 60.6 52.1 78.1
127 8.8 6.0 9.0



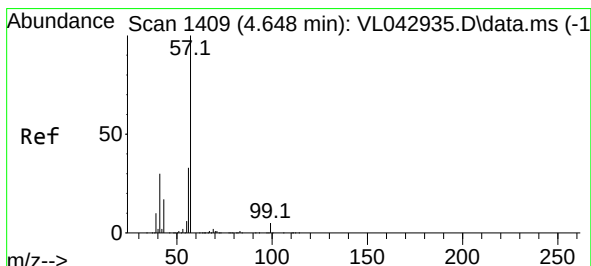
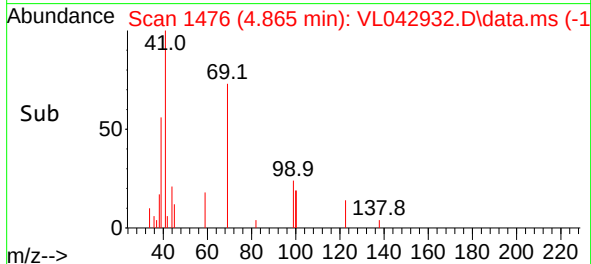
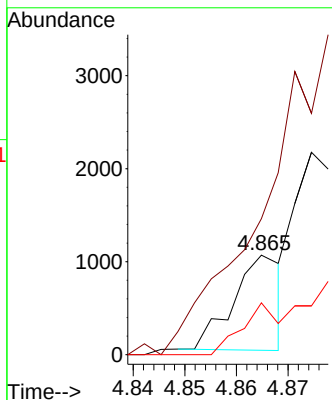


#43
Methyl Methacrylate
Concen: 0.057 ppbv
RT: 4.865 min Scan# 1476
Delta R.T. -0.019 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

Instrument :
MSVOA_L
ClientSampleId :

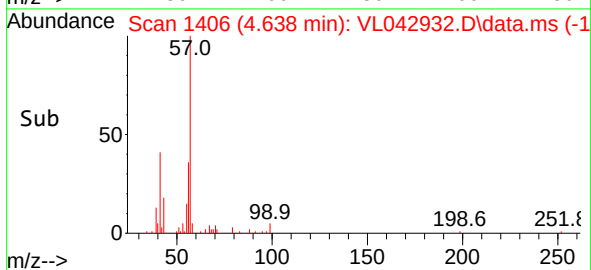
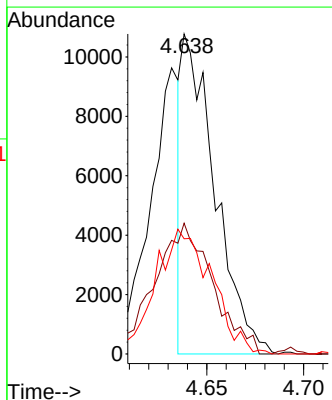
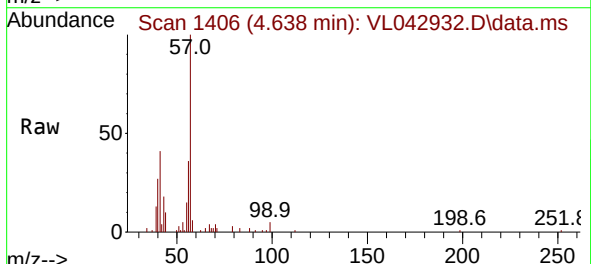


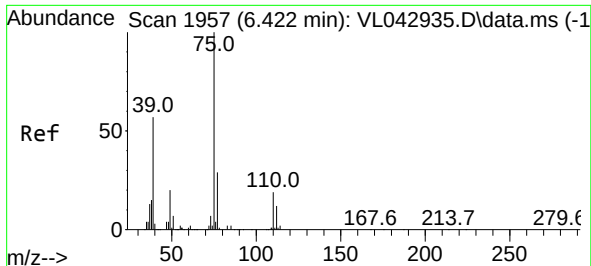
Tgt Ion: 69 Resp: 665
Ion Ratio Lower Upper
69 100
41 0.0 118.6 178.0#
100 0.0 26.2 39.4#



#44
2,2,4-Trimethylpentane
Concen: 0.218 ppbv
RT: 4.638 min Scan# 1406
Delta R.T. -0.010 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

Tgt Ion: 57 Resp: 12722
Ion Ratio Lower Upper
57 100
41 74.1 25.8 38.6#
56 67.9 26.2 39.4#





#45

t-1,3-Dichloropropene

Concen: 0.212 ppbv

RT: 6.409 min Scan# 1953

Delta R.T. -0.013 min

Lab File: VL042932.D

Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_L

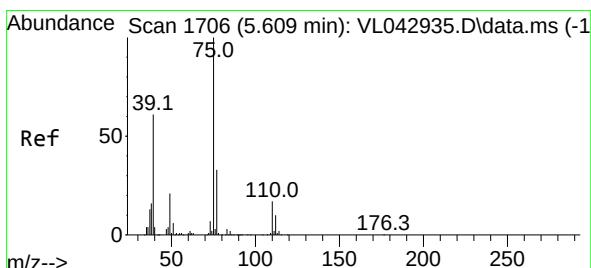
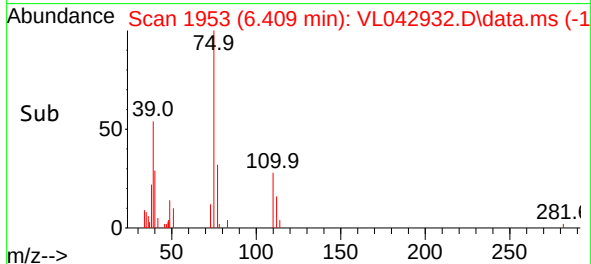
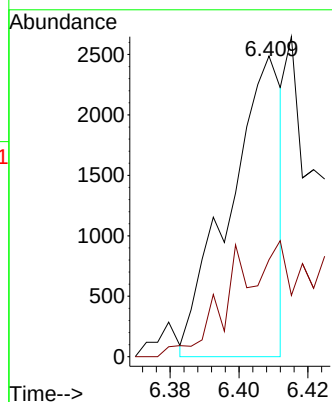
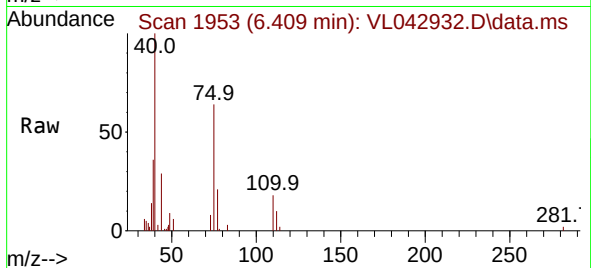
ClientSampleId :

Tgt Ion: 75 Resp: 2623

Ion Ratio Lower Upper

75 100

77 32.3 23.5 35.3



#46

cis-1,3-Dichloropropene

Concen: 0.214 ppbv

RT: 5.593 min Scan# 1701

Delta R.T. -0.016 min

Lab File: VL042932.D

Acq: 17 Sep 2025 11:58

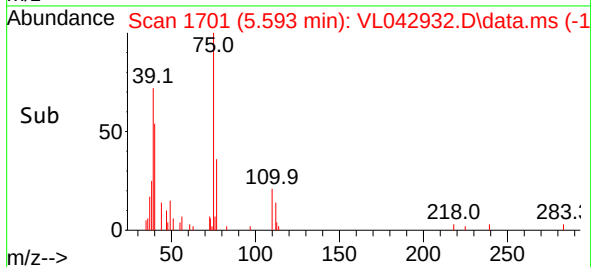
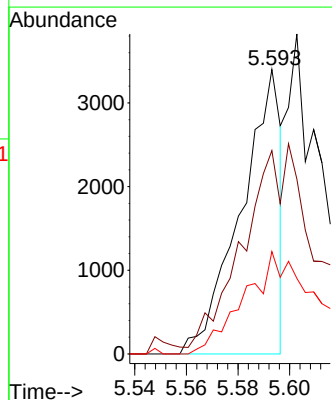
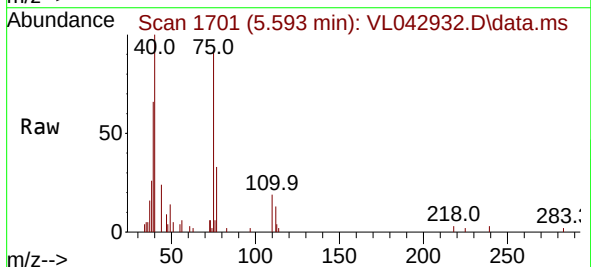
Tgt Ion: 75 Resp: 3645

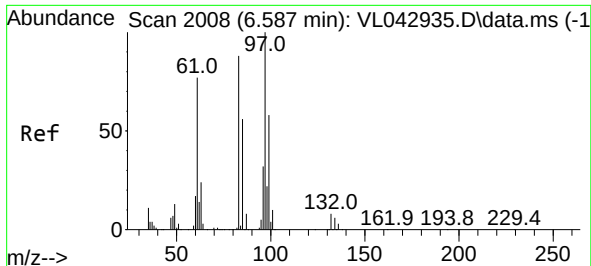
Ion Ratio Lower Upper

75 100

39 69.1 49.0 73.4

77 36.0 26.2 39.2

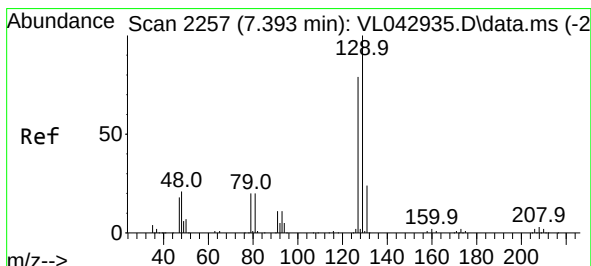
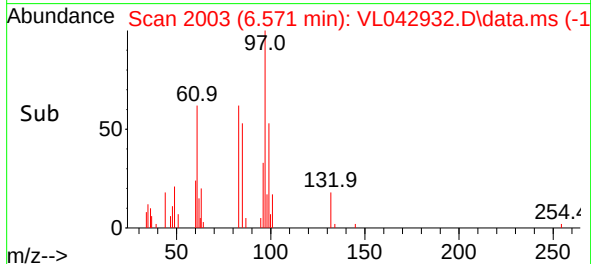
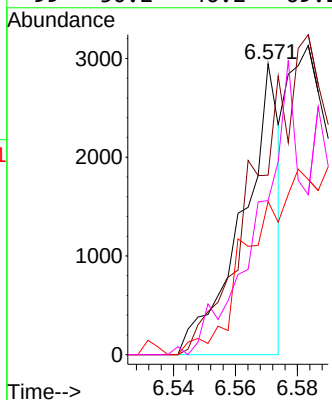
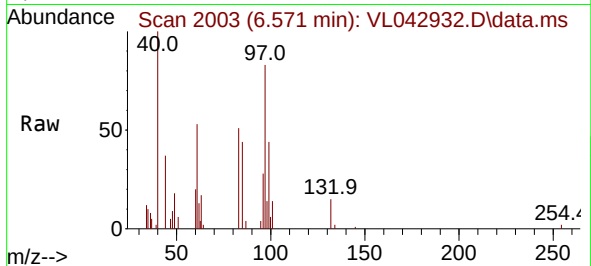




#47
1,1,2-Trichloroethane
Concen: 0.168 ppbv
RT: 6.571 min Scan# 2008
Delta R.T. -0.016 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

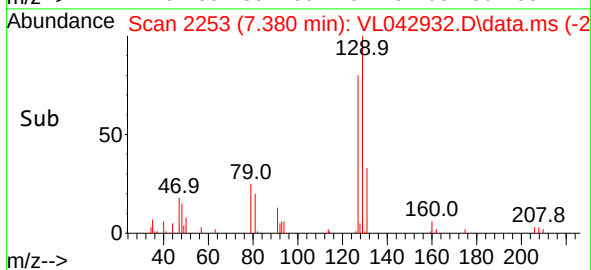
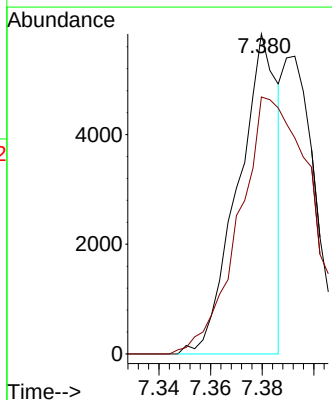
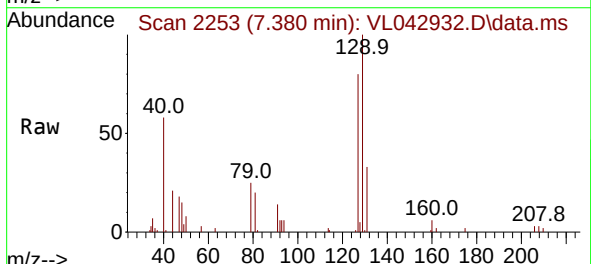
Instrument :
MSVOA_L
ClientSampleId :

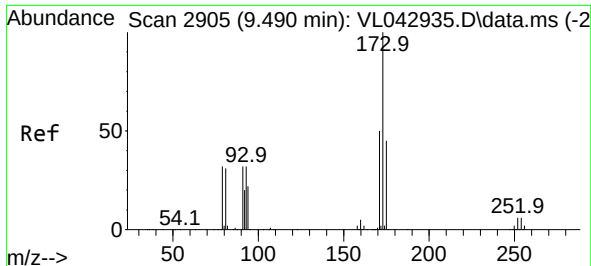
Tgt Ion:	97	Resp:	2418
Ion	Ratio	Lower	Upper
97	100		
83	61.7	70.6	106.0#
85	52.6	44.9	67.3
99	50.2	46.2	69.2



#48
Dibromochloromethane
Concen: 0.276 ppbv
RT: 7.380 min Scan# 2253
Delta R.T. -0.013 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

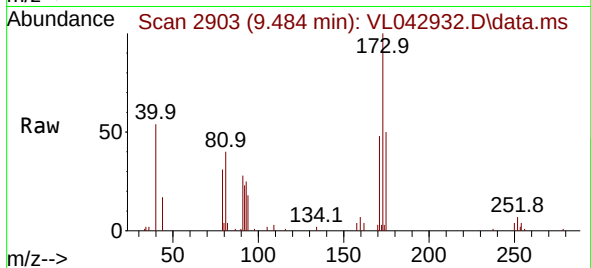
Tgt Ion:	129	Resp:	6236
Ion	Ratio	Lower	Upper
129	100		
127	144.8	38.8	116.3#



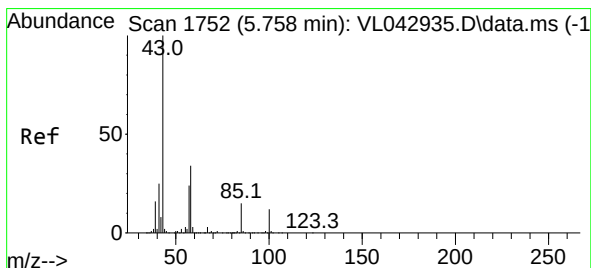
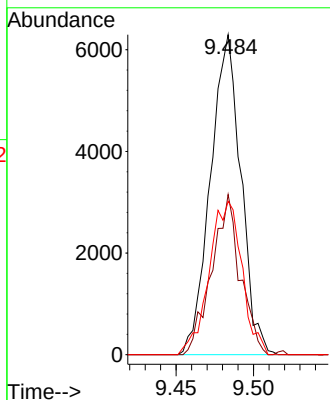
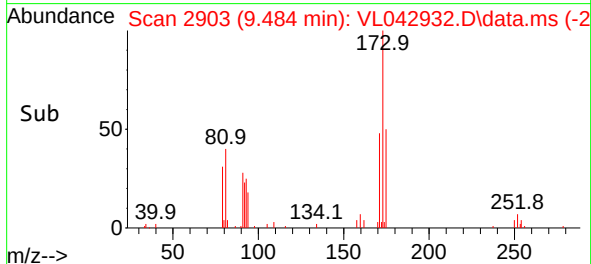


#49
Bromoform
Concen: 0.489 ppbv
RT: 9.484 min Scan# 2905
Delta R.T. -0.006 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

Instrument :
MSVOA_L
ClientSampleId :

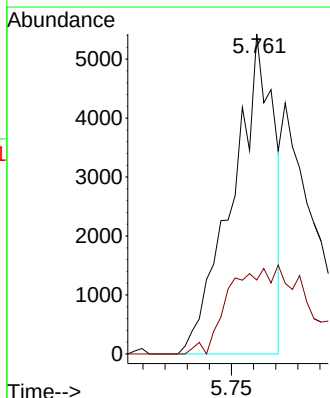
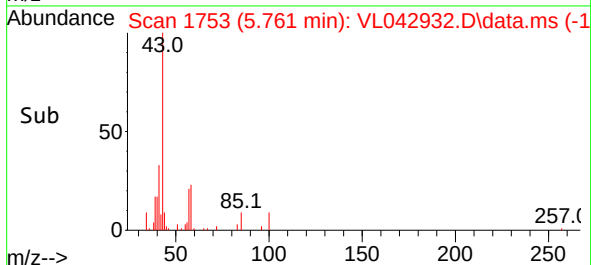
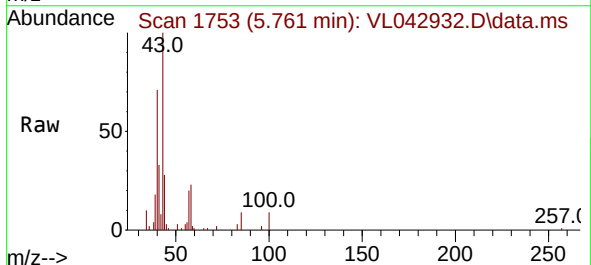


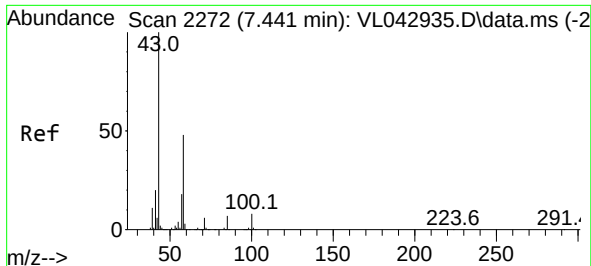
Tgt Ion:173 Resp: 8614
Ion Ratio Lower Upper
173 100
175 47.2 38.6 58.0
171 51.5 41.7 62.5



#50
4-Methyl-2-Pentanone
Concen: 0.228 ppbv
RT: 5.761 min Scan# 1753
Delta R.T. 0.003 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

Tgt Ion: 43 Resp: 7064
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#

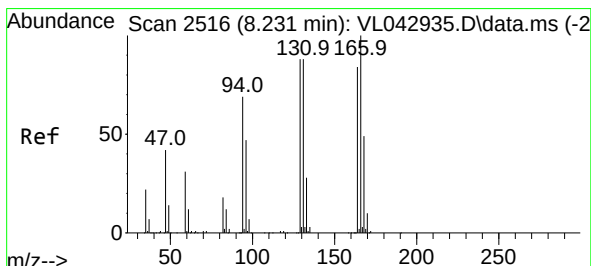
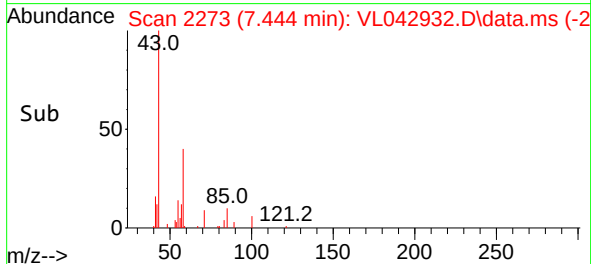
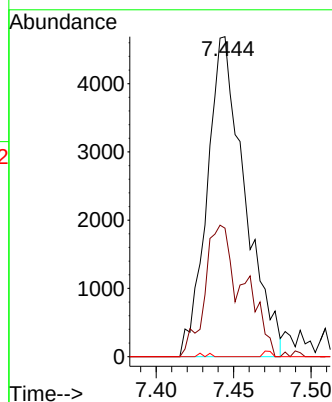
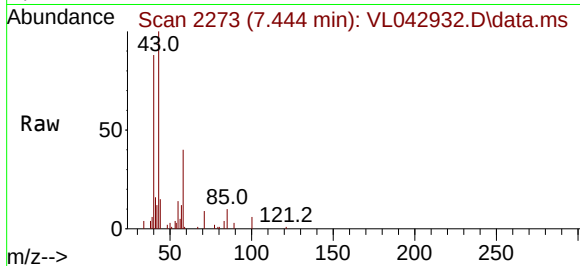




#51
2-Hexanone
Concen: 0.348 ppbv
RT: 7.444 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

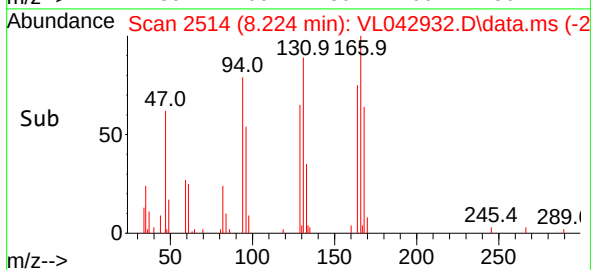
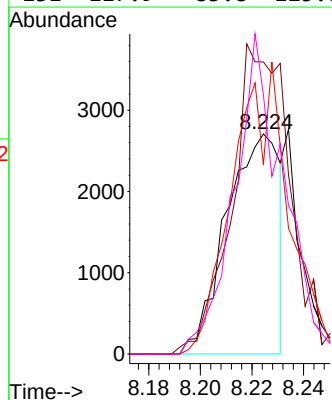
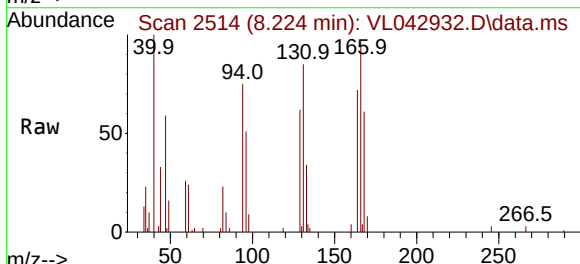
Instrument :
MSVOA_L
ClientSampleId :

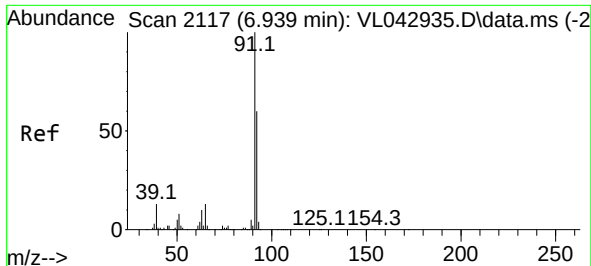
Tgt Ion: 43 Resp: 7931
Ion Ratio Lower Upper
43 100
58 42.0 37.9 56.9
98 0.3 0.7 1.1#



#52
Tetrachloroethene
Concen: 0.356 ppbv
RT: 8.224 min Scan# 2514
Delta R.T. -0.006 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

Tgt Ion: 164 Resp: 3877
Ion Ratio Lower Upper
164 100
166 129.6 95.4 143.0
129 86.0 84.0 126.0
131 117.9 83.8 125.8

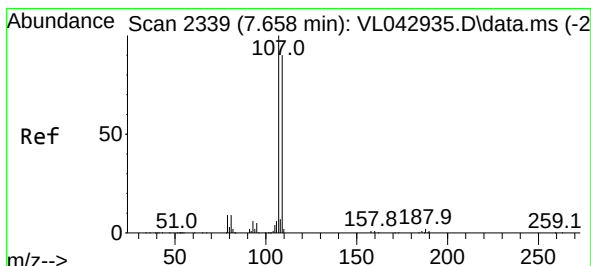
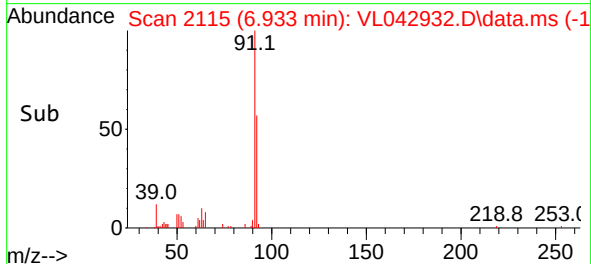
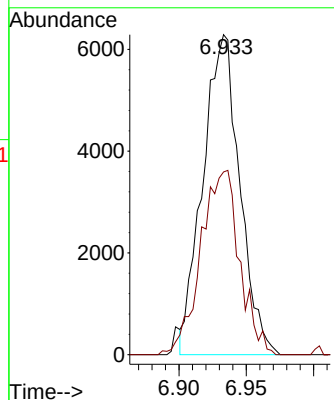
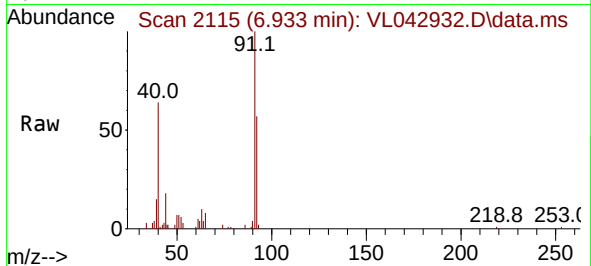




#53
Toluene
Concen: 0.368 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. -0.006 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

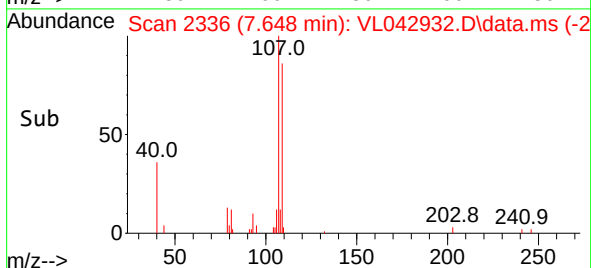
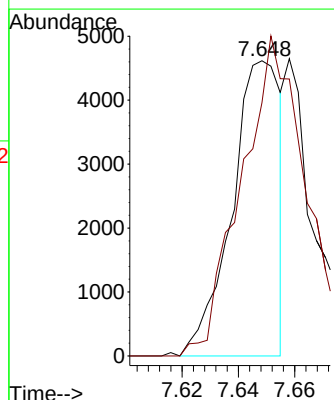
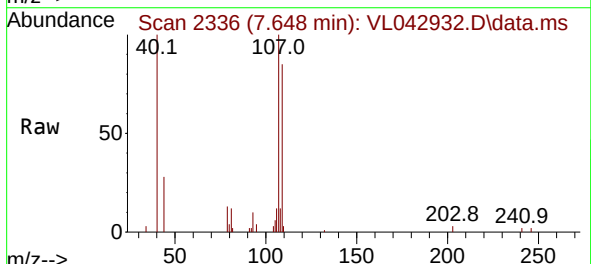
Instrument :
MSVOA_L
ClientSampleId :

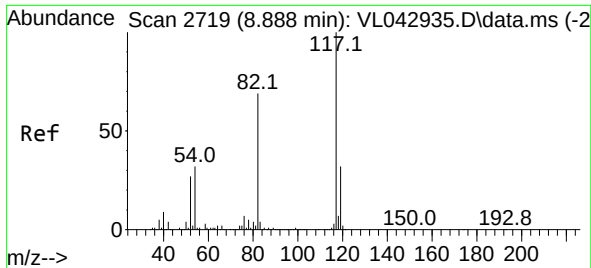
Tgt Ion: 91 Resp: 11993
Ion Ratio Lower Upper
91 100
92 60.7 47.4 71.2



#54
1,2-Dibromoethane
Concen: 0.298 ppbv
RT: 7.648 min Scan# 2336
Delta R.T. -0.010 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

Tgt Ion: 107 Resp: 5524
Ion Ratio Lower Upper
107 100
109 88.3 71.8 107.6

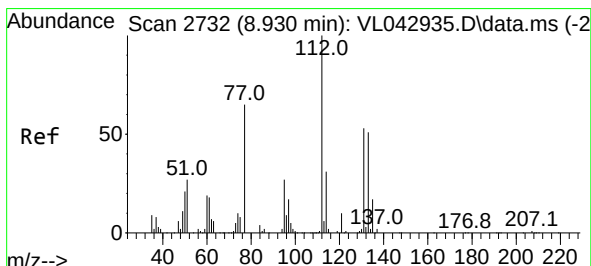
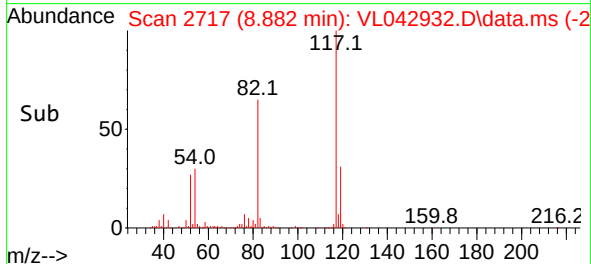
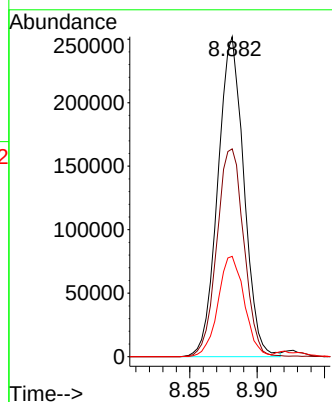
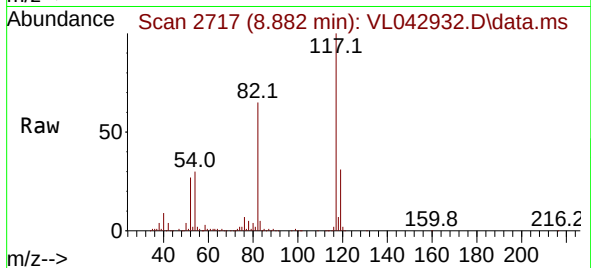




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2719
Delta R.T. -0.006 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

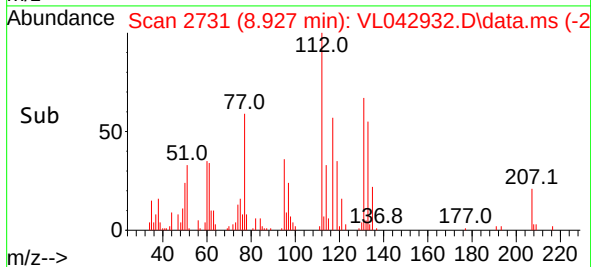
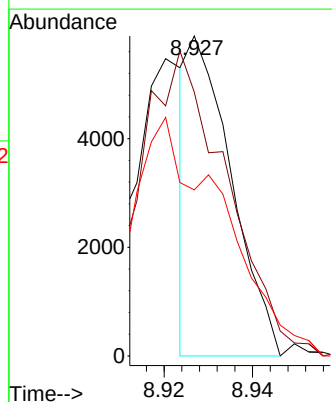
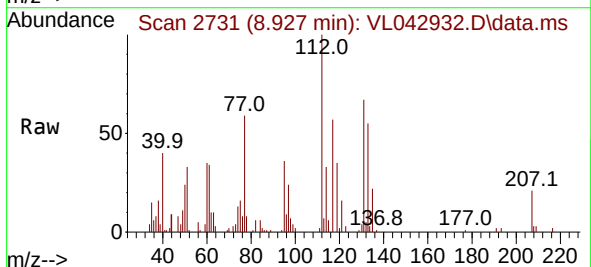
Instrument :
MSVOA_L
ClientSampleId :

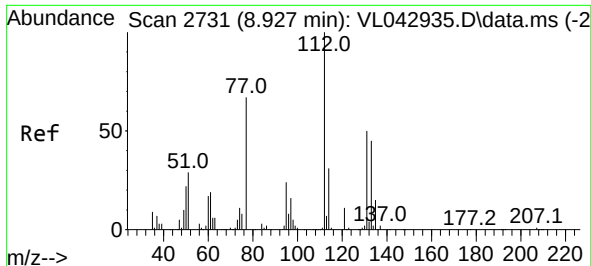
Tgt Ion:117 Resp: 338744
Ion Ratio Lower Upper
117 100
82 67.5 56.1 84.1
119 33.5 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.231 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. -0.003 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

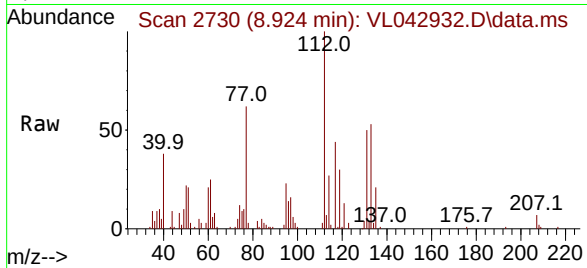
Tgt Ion:131 Resp: 3983
Ion Ratio Lower Upper
131 100
133 204.8 76.1 114.1#
119 0.0 53.4 80.2#



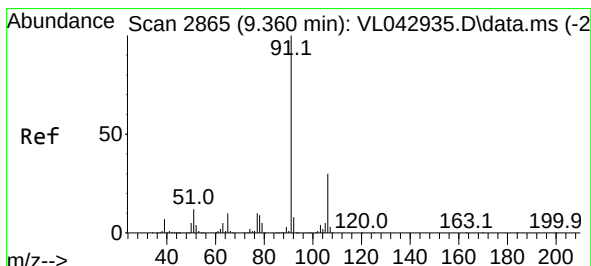
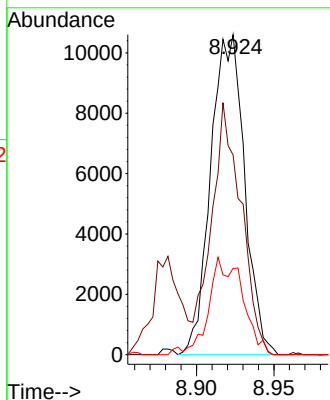
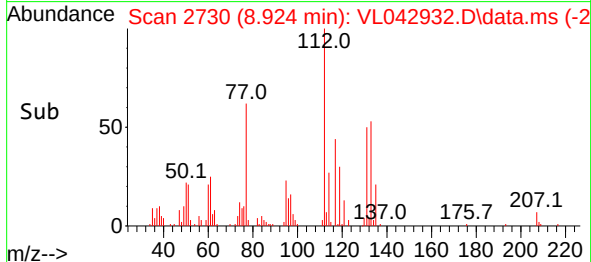


#57
Chlorobenzene
Concen: 0.514 ppbv
RT: 8.924 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

Instrument :
MSVOA_L
ClientSampleId :

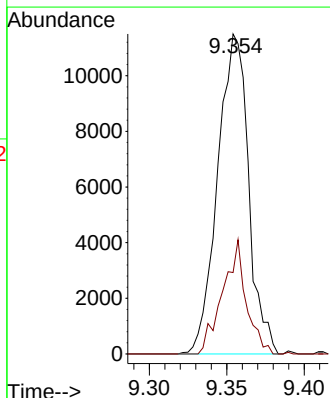
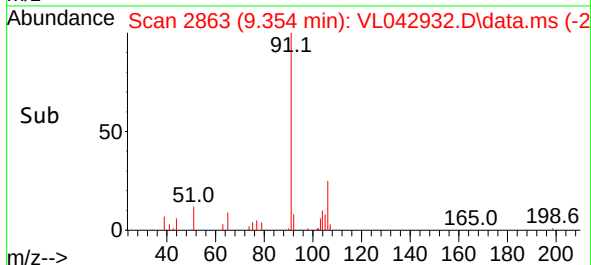
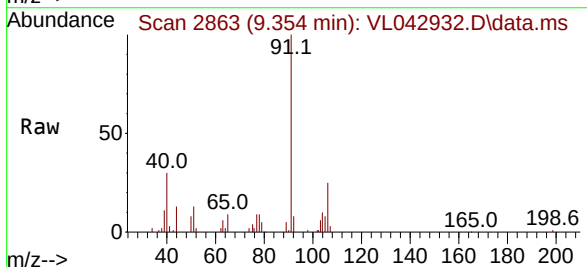


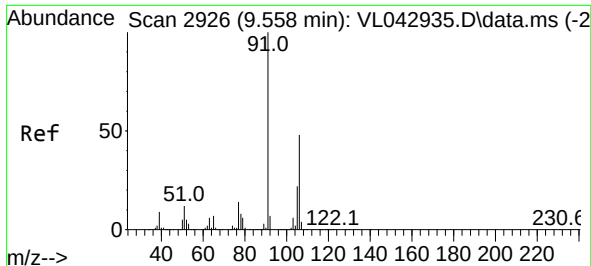
Tgt Ion:112 Resp: 16080
Ion Ratio Lower Upper
112 100
77 62.4 54.8 82.2
114 26.9 28.2 34.4#



#58
Ethyl Benzene
Concen: 0.366 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. -0.006 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

Tgt Ion: 91 Resp: 15958
Ion Ratio Lower Upper
91 100
106 25.5 24.2 36.4

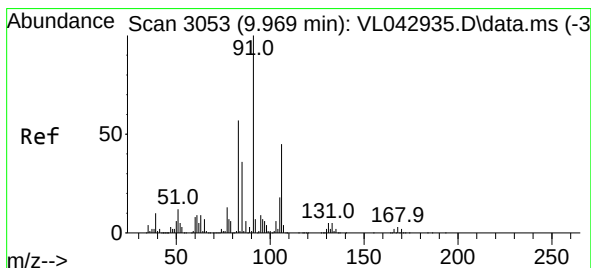
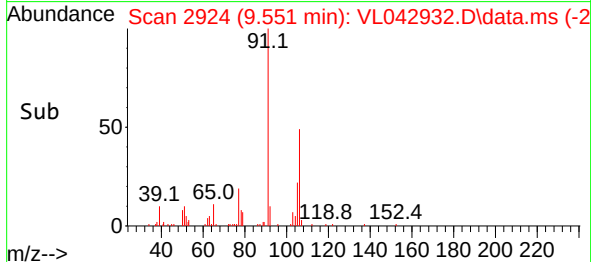
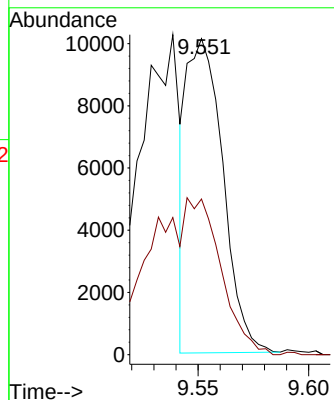
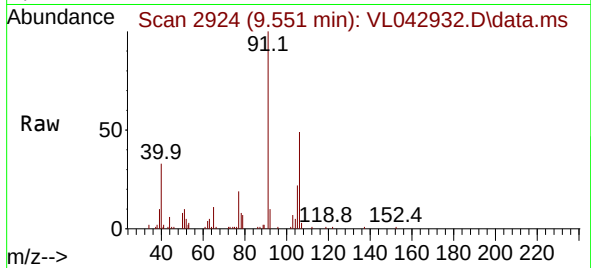




#59
m/p-Xylene
Concen: 0.314 ppbv
RT: 9.551 min Scan# 2924
Delta R.T. -0.006 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

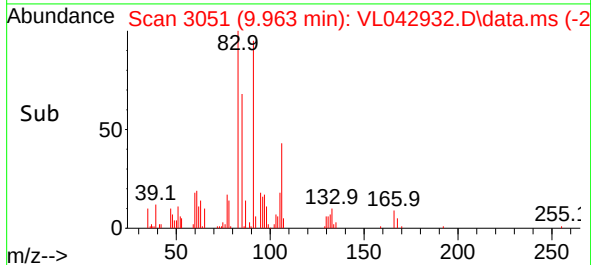
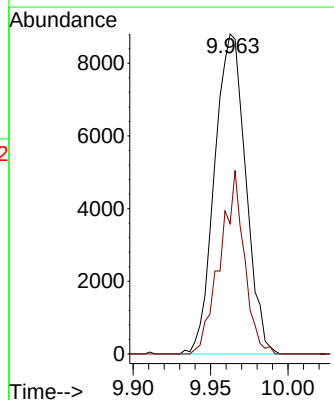
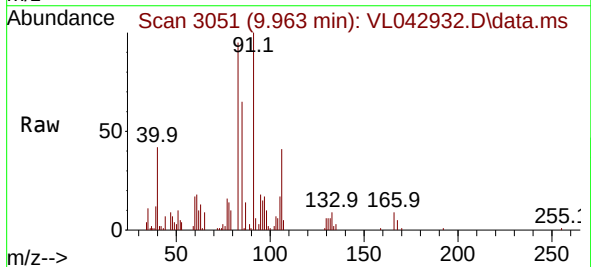
Instrument :
MSVOA_L
ClientSampleId :

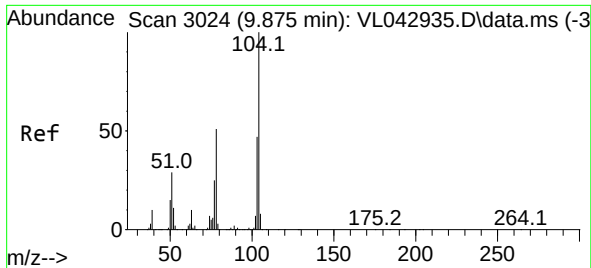
Tgt Ion: 91 Resp: 11579
Ion Ratio Lower Upper
91 100
106 0.0 37.4 56.0#



#60
o-Xylene
Concen: 0.336 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. -0.006 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

Tgt Ion: 91 Resp: 12302
Ion Ratio Lower Upper
91 100
106 44.6 22.1 66.5

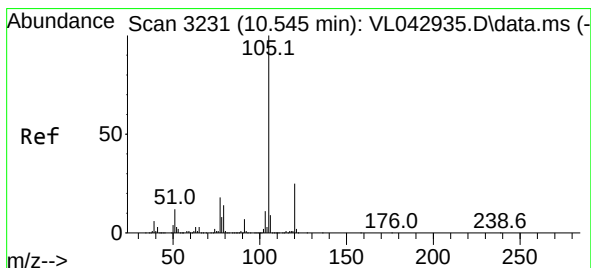
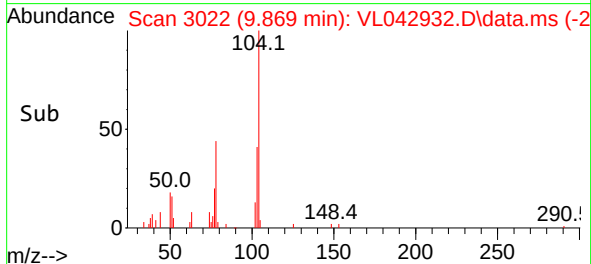
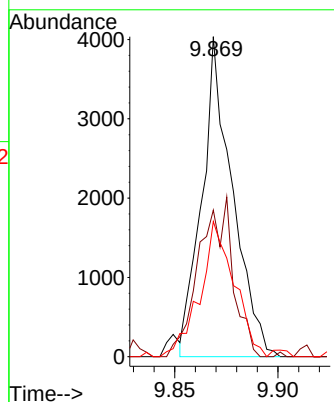
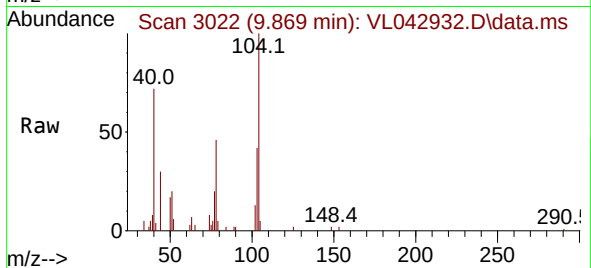




#61
Styrene
Concen: 0.748 ppbv
RT: 9.869 min Scan# 3024
Delta R.T. -0.006 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

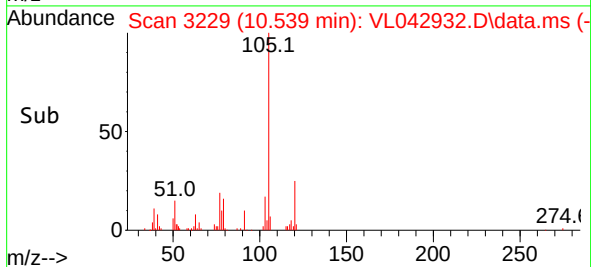
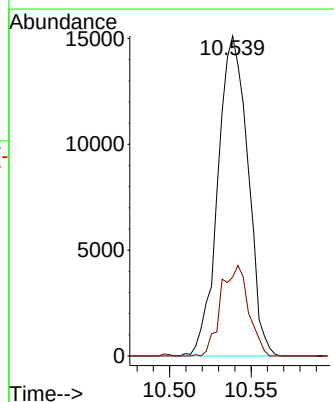
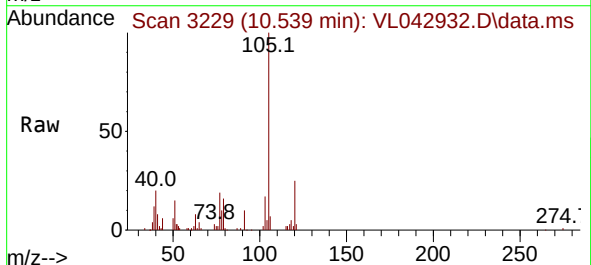
Instrument :
MSVOA_L
ClientSampleId :

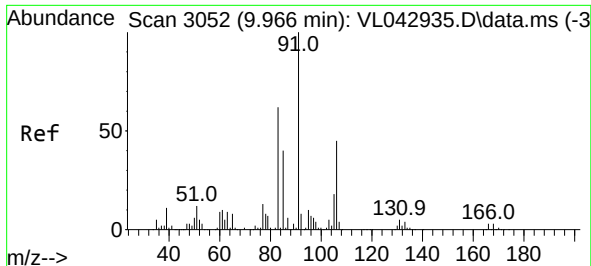
Tgt Ion:104 Resp: 4154
Ion Ratio Lower Upper
104 100
78 56.9 40.2 60.2
103 48.4 36.8 55.2



#62
Isopropylbenzene
Concen: 0.362 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. -0.006 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

Tgt Ion:105 Resp: 19343
Ion Ratio Lower Upper
105 100
120 25.9 20.0 30.0

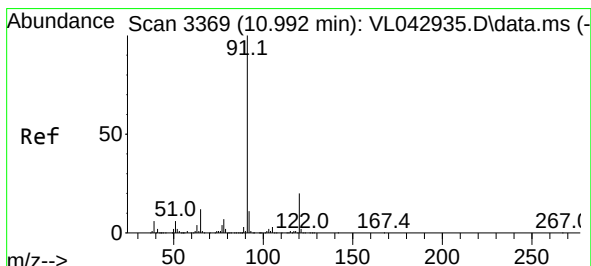
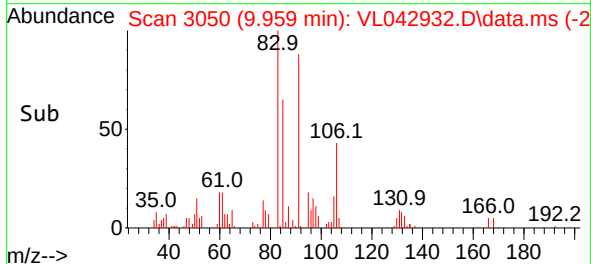
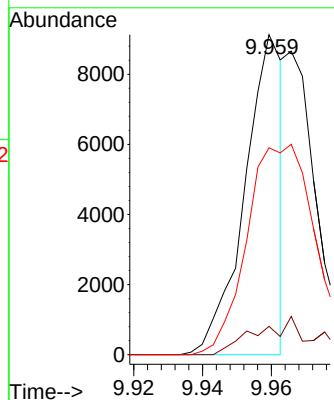
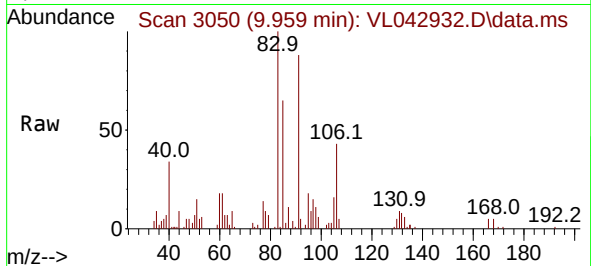




#63
1,1,2,2-Tetrachloroethane
Concen: 0.264 ppbv
RT: 9.959 min Scan# 3050
Delta R.T. -0.006 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

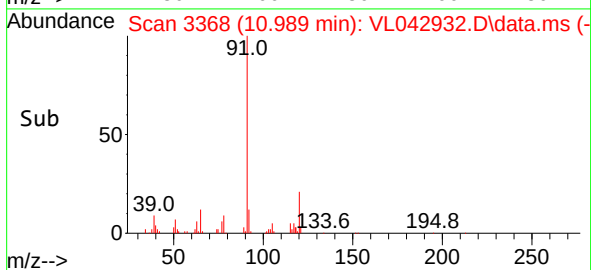
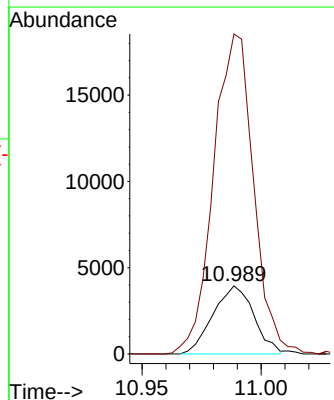
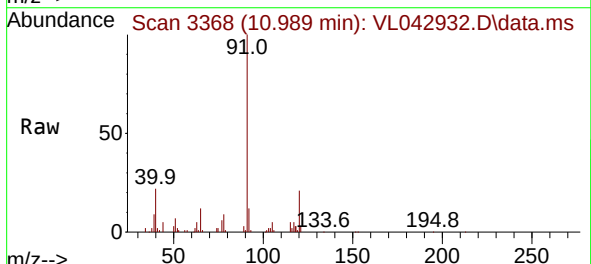
Instrument :
MSVOA_L
ClientSampleId :

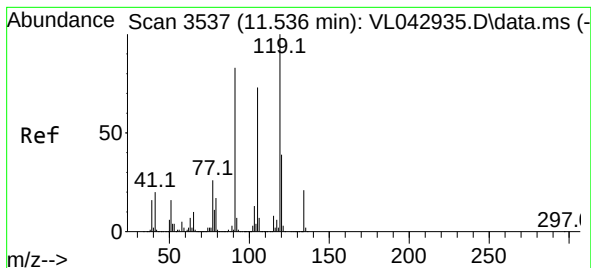
Tgt Ion: 83 Resp: 7003
Ion Ratio Lower Upper
83 100
131 0.0 4.2 12.6#
85 0.0 32.6 98.0#



#64
n-propylbenzene
Concen: 0.339 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. -0.003 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

Tgt Ion: 120 Resp: 4697
Ion Ratio Lower Upper
120 100
91 465.0 394.6 591.8





#65

tert-Butylbenzene

Concen: 0.304 ppbv

RT: 11.529 min Scan# 3535

Delta R.T. -0.006 min

Lab File: VL042932.D

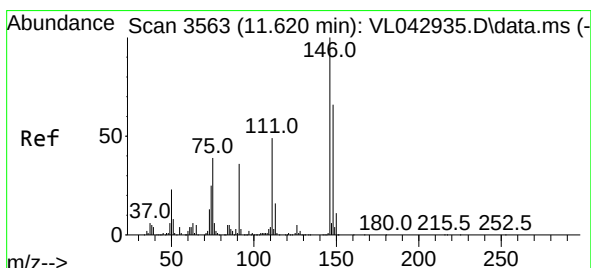
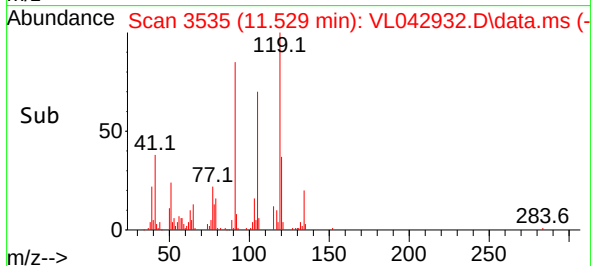
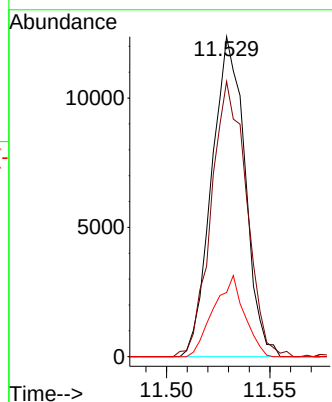
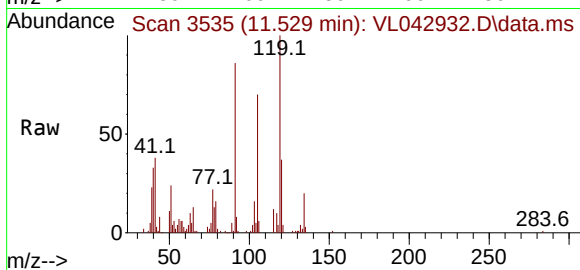
Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	13853
Ion	Ratio	Lower	Upper
119	100		
91	91.1	66.0	99.0
134	23.4	16.8	25.2



#66

Benzyl Chloride

Concen: 0.365 ppbv

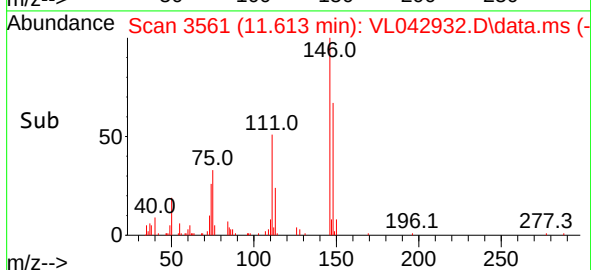
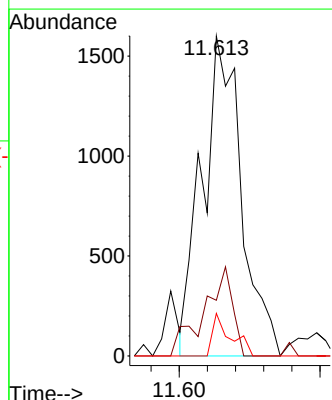
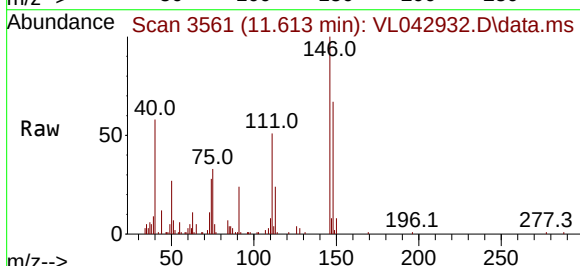
RT: 11.613 min Scan# 3561

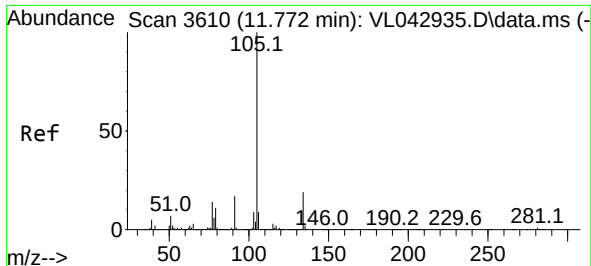
Delta R.T. -0.007 min

Lab File: VL042932.D

Acq: 17 Sep 2025 11:58

Tgt Ion:	91	Resp:	1547
Ion	Ratio	Lower	Upper
91	100		
126	20.4	13.9	20.9
128	6.1	4.9	7.3

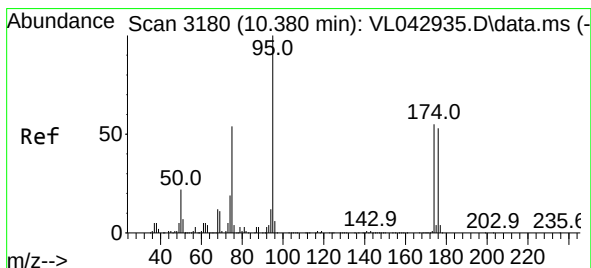
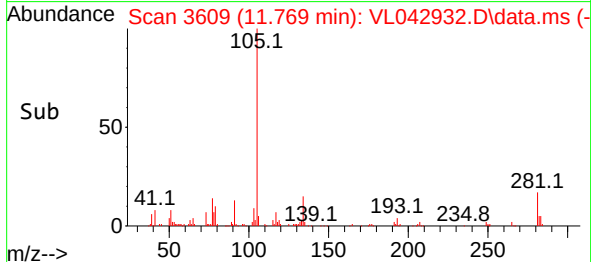
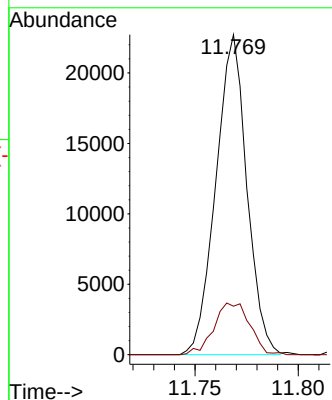
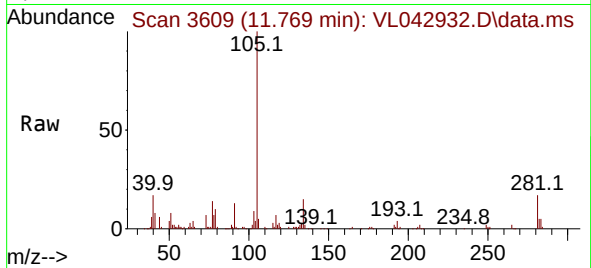




#67
 sec-Butylbenzene
 Concen: 0.341 ppbv
 RT: 11.769 min Scan# 3109
 Delta R.T. -0.003 min
 Lab File: VL042932.D
 Acq: 17 Sep 2025 11:58

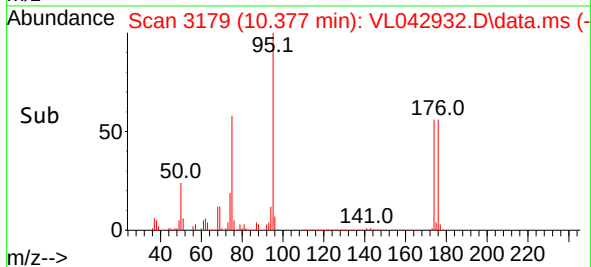
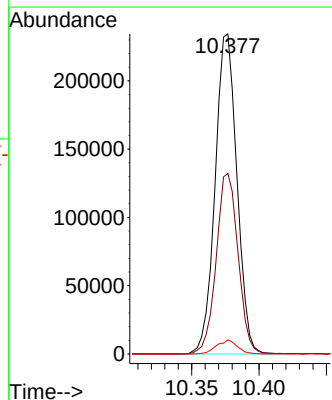
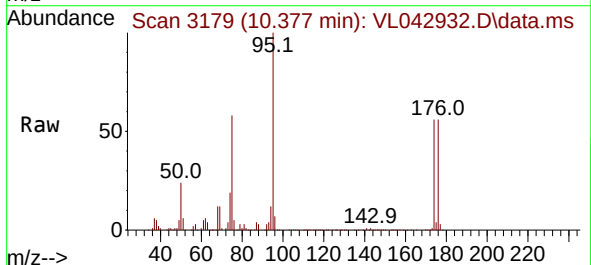
Instrument :
 MSVOA_L
 ClientSampleId :

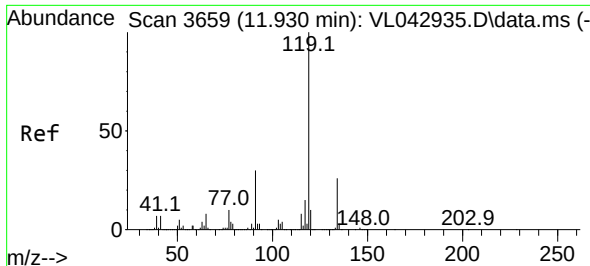
Tgt Ion:105 Resp: 23691
 Ion Ratio Lower Upper
 105 100
 134 18.7 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.959 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.003 min
 Lab File: VL042932.D
 Acq: 17 Sep 2025 11:58

Tgt Ion: 95 Resp: 263700
 Ion Ratio Lower Upper
 95 100
 174 56.8 44.9 67.3
 175 4.1 3.3 4.9

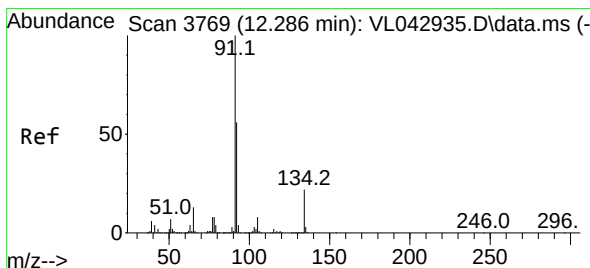
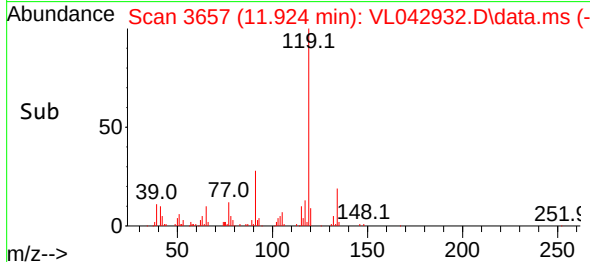
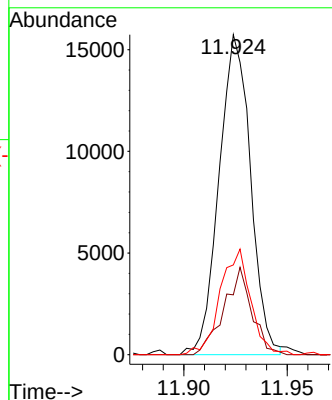
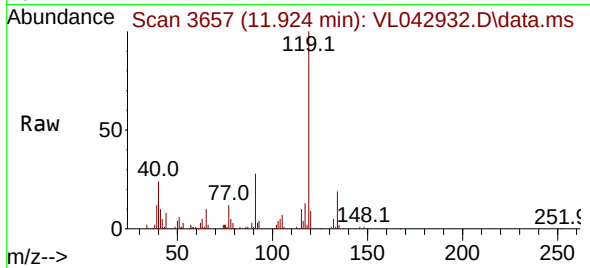




#69
p-Isopropyltoluene
Concen: 0.312 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. -0.006 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

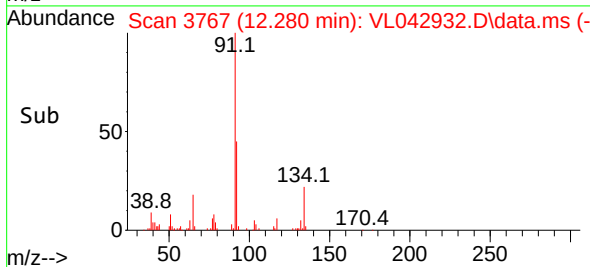
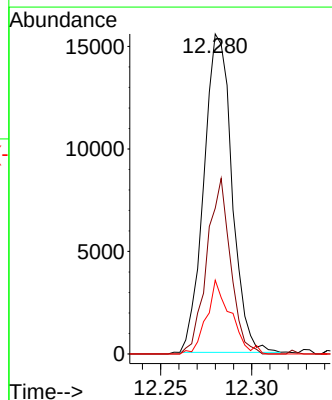
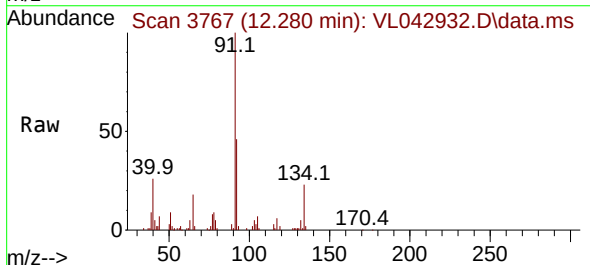
Instrument :
MSVOA_L
ClientSampleId :

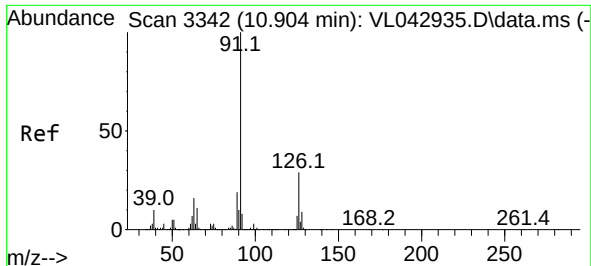
Tgt Ion:119 Resp: 16694
Ion Ratio Lower Upper
119 100
134 24.1 20.5 30.7
91 32.2 23.2 34.8



#70
n-Butylbenzene
Concen: 0.527 ppbv
RT: 12.280 min Scan# 3767
Delta R.T. -0.006 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

Tgt Ion: 91 Resp: 16636
Ion Ratio Lower Upper
91 100
92 46.9 43.8 65.8
134 19.8 17.3 25.9

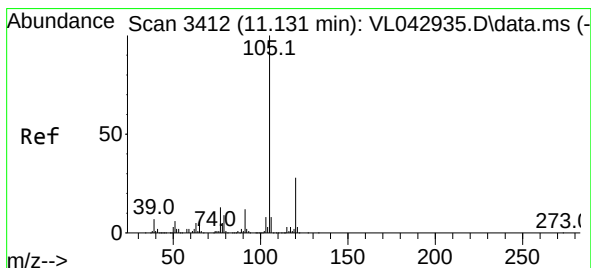
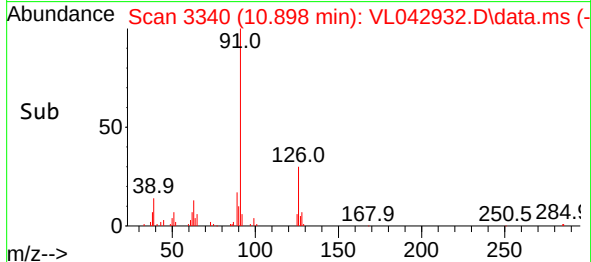
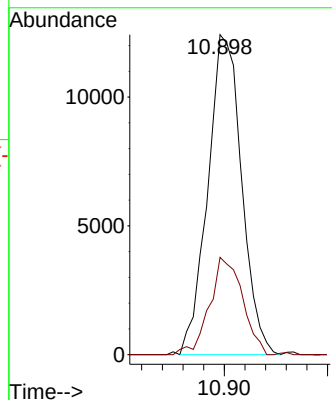
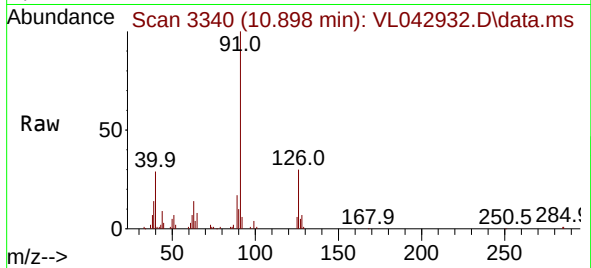




#71
2-Chlorotoluene
Concen: 0.357 ppbv
RT: 10.898 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

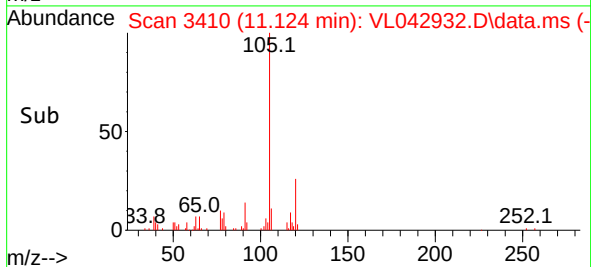
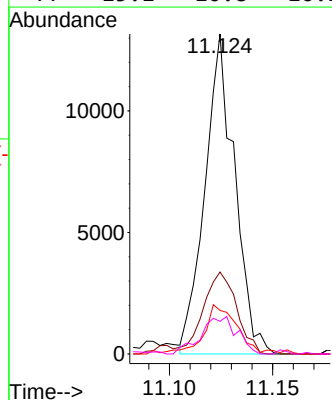
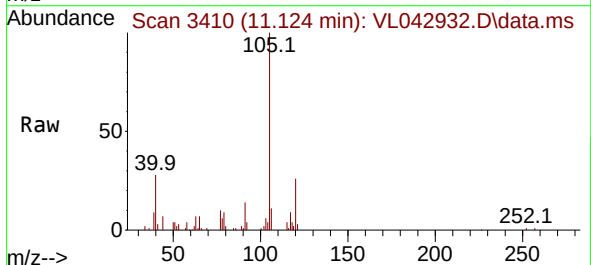
Instrument :
MSVOA_L
ClientSampleId :

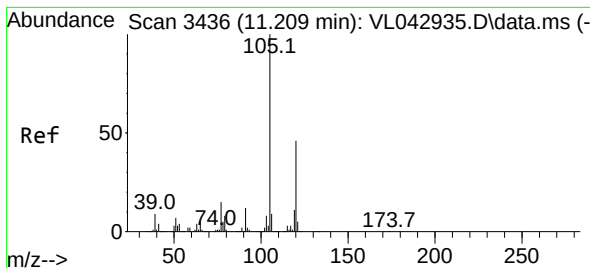
Tgt Ion: 91 Resp: 14134
Ion Ratio Lower Upper
91 100
126 29.8 11.5 45.9



#72
4-Ethyltoluene
Concen: 0.591 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.007 min
Lab File: VL042932.D
Acq: 17 Sep 2025 11:58

Tgt Ion: 105 Resp: 13199
Ion Ratio Lower Upper
105 100
120 30.5 23.1 34.7
91 17.7 10.4 15.6#
77 15.1 10.8 16.2





#73

1,3,5-Trimethylbenzene

Concen: 0.313 ppbv

RT: 11.202 min Scan# 3436

Delta R.T. -0.006 min

Lab File: VL042932.D

Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_L

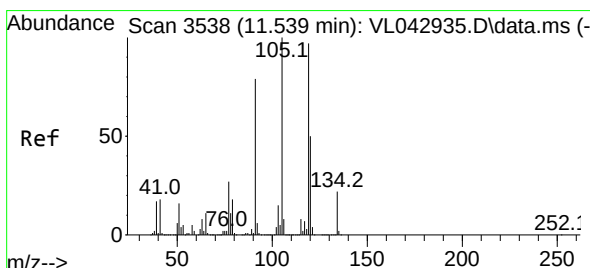
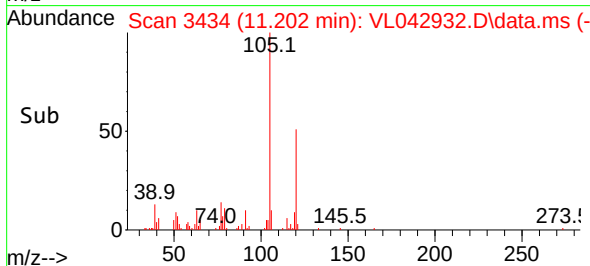
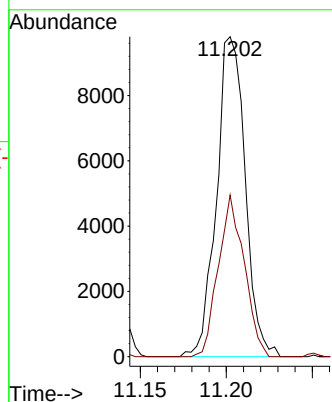
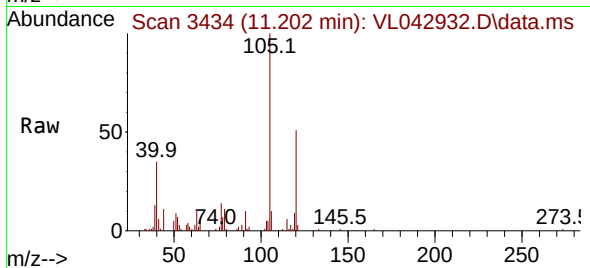
ClientSampleId :

Tgt Ion:105 Resp: 11354

Ion Ratio Lower Upper

105 100

120 50.5 37.0 55.6



#74

1,2,4-Trimethylbenzene

Concen: 0.310 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.000 min

Lab File: VL042932.D

Acq: 17 Sep 2025 11:58

Tgt Ion:105 Resp: 13232

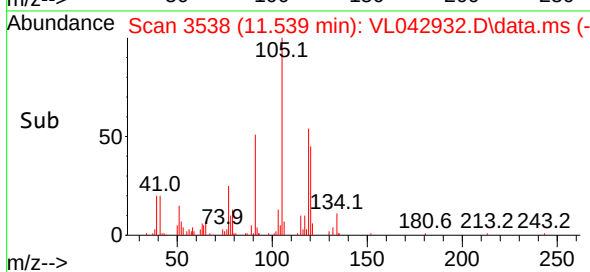
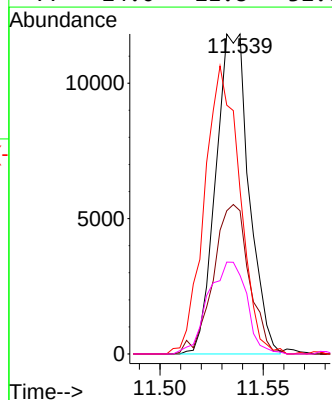
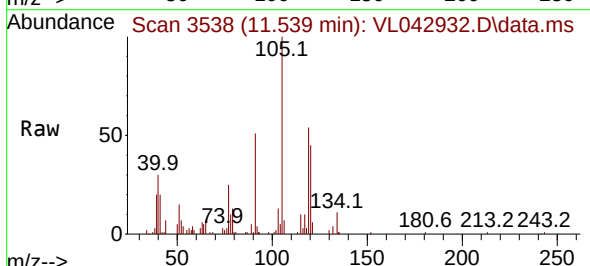
Ion Ratio Lower Upper

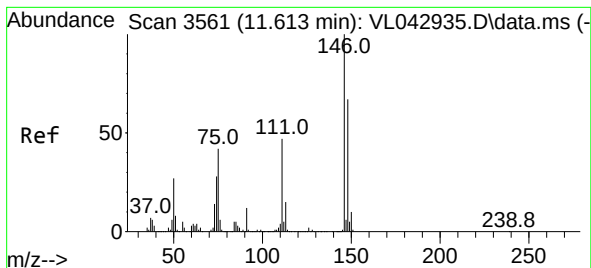
105 100

120 44.3 39.8 59.6

91 49.6 63.1 94.7#

77 24.0 21.8 32.6





#75

1,3-Dichlorobenzene

Concen: 0.441 ppbv

RT: 11.607 min Scan# 3559

Delta R.T. -0.006 min

Lab File: VL042932.D

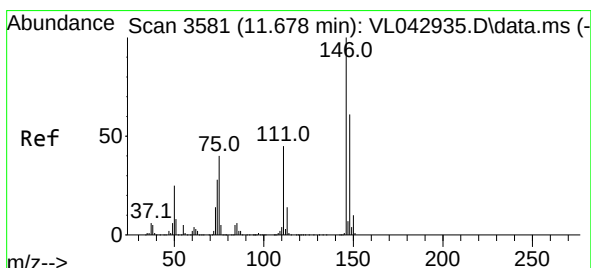
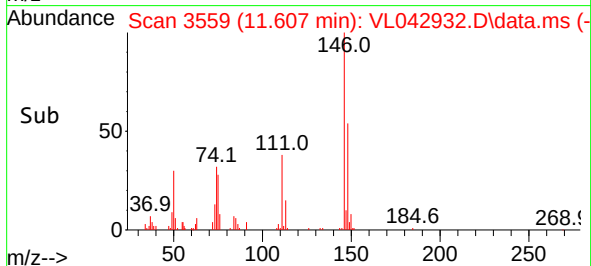
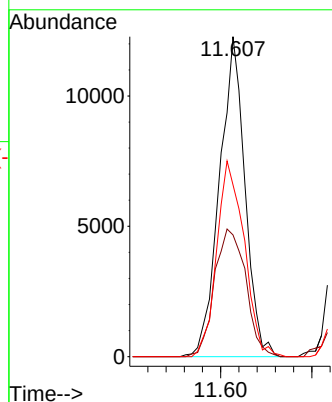
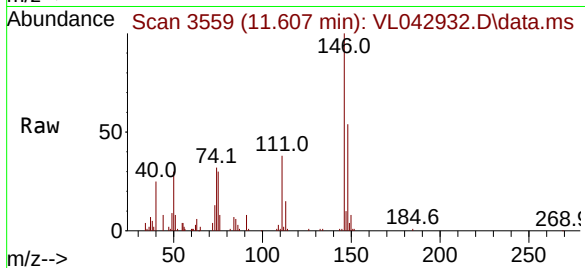
Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:146	Resp:	11911
Ion Ratio	Lower	Upper
146	100	
111	48.8	24.1 72.2
148	65.8	31.8 95.3



#76

1,4-Dichlorobenzene

Concen: 0.410 ppbv

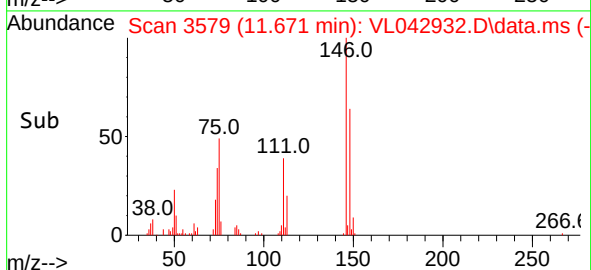
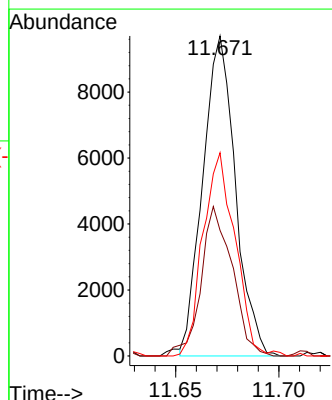
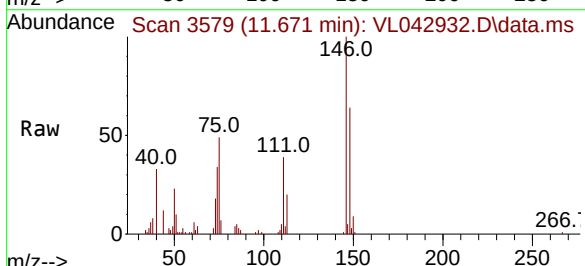
RT: 11.671 min Scan# 3579

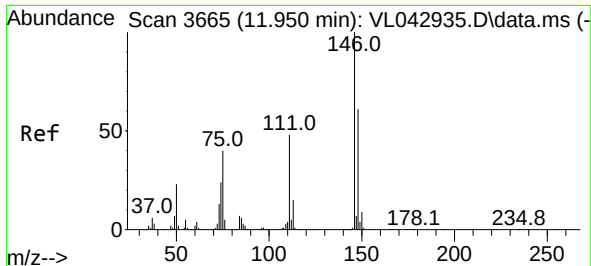
Delta R.T. -0.006 min

Lab File: VL042932.D

Acq: 17 Sep 2025 11:58

Tgt Ion:146	Resp:	10649
Ion Ratio	Lower	Upper
146	100	
111	44.6	23.0 69.0
148	62.8	31.8 95.4

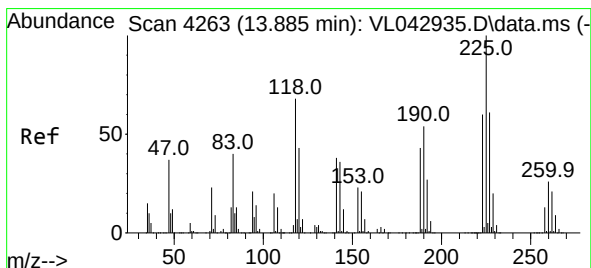
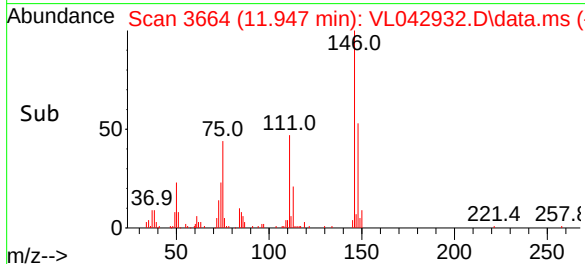
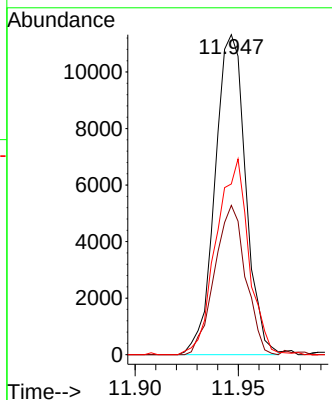
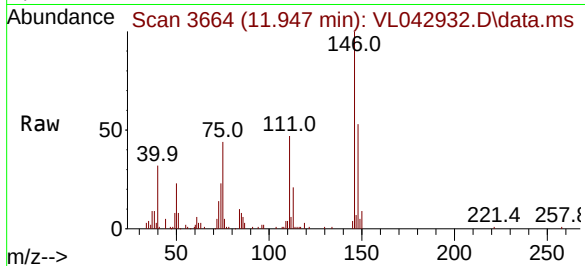




#77
 1,2-Dichlorobenzene
 Concen: 0.428 ppbv
 RT: 11.947 min Scan# 3664
 Delta R.T. -0.003 min
 Lab File: VL042932.D
 Acq: 17 Sep 2025 11:58

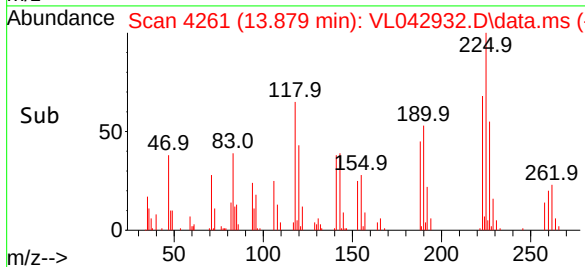
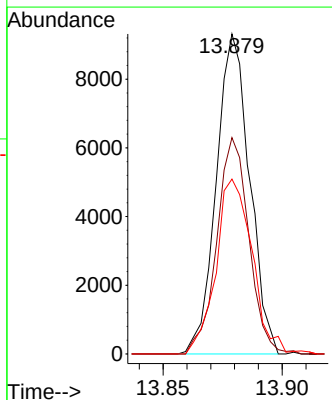
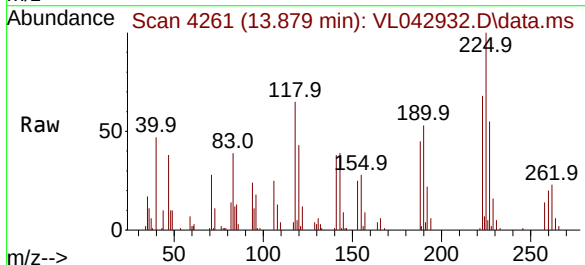
Instrument :
 MSVOA_L
 ClientSampleId :

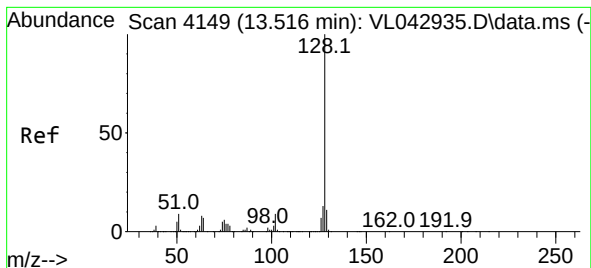
Tgt Ion:146 Resp: 11678
 Ion Ratio Lower Upper
 146 100
 111 47.7 24.6 73.8
 148 65.2 31.4 94.2



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.519 ppbv
 RT: 13.879 min Scan# 4261
 Delta R.T. -0.006 min
 Lab File: VL042932.D
 Acq: 17 Sep 2025 11:58

Tgt Ion:225 Resp: 9035
 Ion Ratio Lower Upper
 225 100
 223 65.3 50.6 76.0
 227 59.9 50.5 75.7





#79

Naphthalene

Concen: 0.523 ppbv

RT: 13.513 min Scan# 4149

Delta R.T. -0.003 min

Lab File: VL042932.D

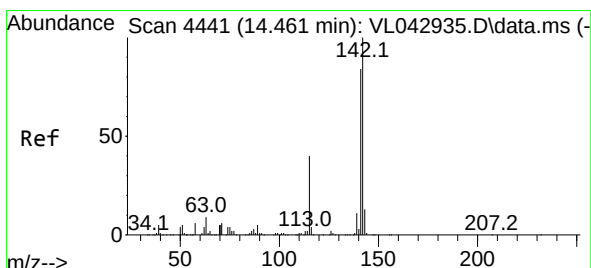
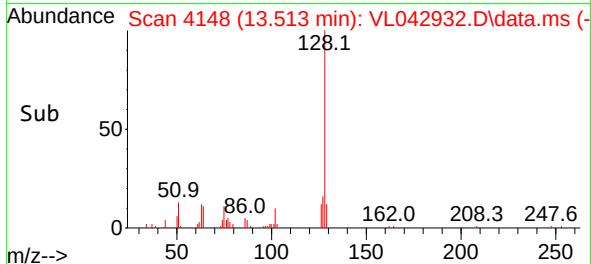
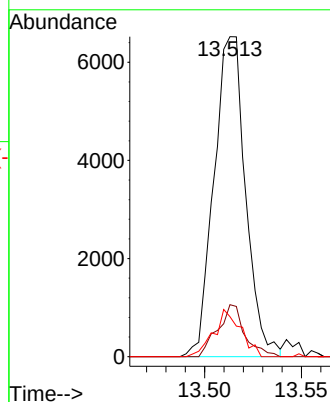
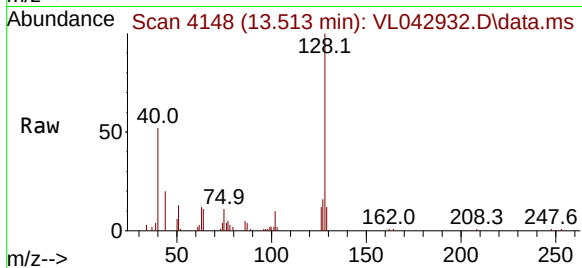
Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	128	Resp:	7418
Ion	Ratio	Lower	Upper
128	100		
127	16.2	10.3	15.5#
129	12.5	8.7	13.1



#80

Naphthalene, 2-methyl-

Concen: 0.949 ppbv

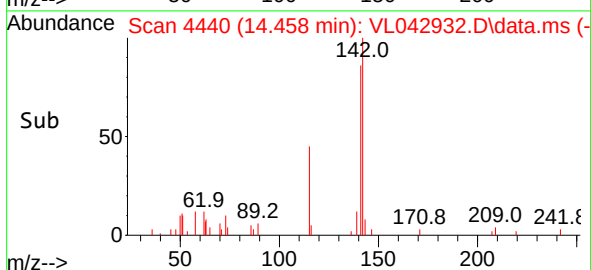
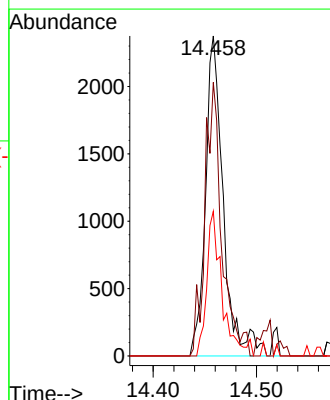
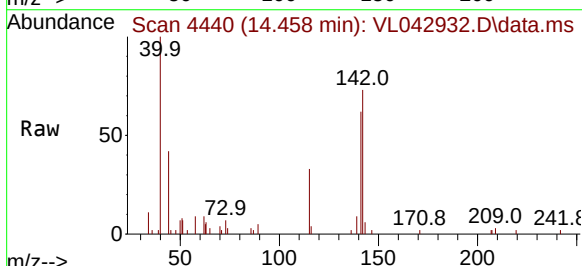
RT: 14.458 min Scan# 4440

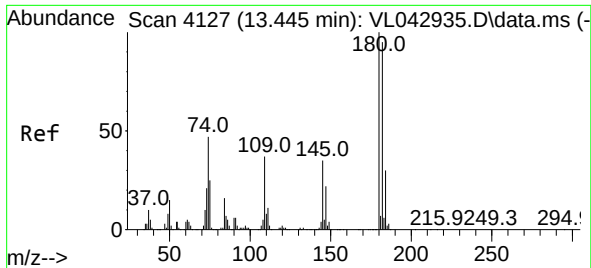
Delta R.T. -0.003 min

Lab File: VL042932.D

Acq: 17 Sep 2025 11:58

Tgt Ion:	142	Resp:	2905
Ion	Ratio	Lower	Upper
142	100		
141	79.6	67.0	100.6
115	38.7	32.0	48.0





#81

1,2,4-Trichlorobenzene

Concen: 0.626 ppbv

RT: 13.439 min Scan# 41

Delta R.T. -0.006 min

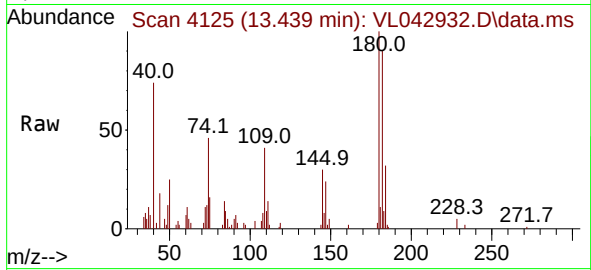
Lab File: VL042932.D

Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 4520

Ion Ratio Lower Upper

180 100

182 92.3 75.5 113.3

184 32.8 24.6 37.0

