

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091725\
 Data File : VL042931.D
 Acq On : 17 Sep 2025 11:23
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 18 02:28:34 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	158272	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.958	114	413841	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	354619	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	277264	10.003	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	22884	1.012	ppbv	94
3) Chlorodifluoromethane	1.476	51	24279	1.020	ppbv	100
4) Chloromethane	1.534	50	9850	1.084	ppbv	98
5) Vinyl Chloride	1.583	62	7971	0.930	ppbv #	83
6) Bromomethane	1.670	94	2772	0.931	ppbv #	80
7) Chloroethane	1.706	64	3374	1.069	ppbv	93
8) Dichlorotetrafluoroethane	1.557	85	18455	1.029	ppbv	96
9) Propene	1.486	41	8924	1.027	ppbv	98
10) Heptane	4.981	43	10418	0.484	ppbv #	32
11) Trichlorofluoromethane	1.877	101	23589	1.056	ppbv	90
12) 1,1,2-Trichlorotrifluo...	2.140	101	17971	1.030	ppbv	98
13) Ethanol	1.722	45	926	1.045	ppbv #	50
14) Bromoethene	1.783	108	6547	1.053	ppbv #	96
15) Acetone	1.839	43	21505	1.106	ppbv	95
16) 1,3-Butadiene	1.609	39	8380	1.031	ppbv	93
17) tert-Butyl alcohol	2.042	59	19857	1.061	ppbv	99
18) 1,1-Dichloroethene	2.036	96	7747	1.014	ppbv	95
19) Isopropyl Alcohol	1.887	45	10765	1.033	ppbv #	1
20) Methylene Chloride	2.062	84	9665	1.142	ppbv	95
21) Allyl Chloride	2.097	41	12905	0.979	ppbv	98
22) trans-1,2-Dichloroethene	2.343	96	9099	1.051	ppbv	91
23) Vinyl Acetate	2.463	43	20319	0.900	ppbv #	96
24) 1,1-Dichloroethane	2.411	63	17097	1.000	ppbv	98
25) Ethyl Acetate	2.835	43	39603	0.954	ppbv	98
26) Hexane	2.826	57	16236	0.911	ppbv	87
27) Carbon Disulfide	2.152	76	23073	1.050	ppbv #	79
28) Methyl tert-Butyl Ether	2.444	73	9873	1.009	ppbv	91
29) Chloroform	2.848	83	29928	1.028	ppbv	93
30) Cyclohexane	3.855	84	5842	0.435	ppbv #	1
31) cis-1,2-Dichloroethene	2.722	61	17192	0.988	ppbv	94
32) 1,1,1-Trichloroethane	3.366	97	26292	0.965	ppbv	99
34) 2-Butanone	2.557	43	25950	0.967	ppbv	99
35) Carbon Tetrachloride	3.761	117	28194	0.958	ppbv	91
36) Benzene	3.654	78	34301	0.950	ppbv	95
37) 1,2-Dichloroethane	3.217	62	21496	0.994	ppbv	100
38) Trichloroethene	4.551	130	14609	0.894	ppbv	98
39) 1,2-Dichloropropane	4.318	63	9995	0.685	ppbv	97
40) 1,4-Dioxane	4.599	88	2993	0.578	ppbv #	1
41) Tetrahydrofuran	3.062	42	10997	0.834	ppbv	98
42) Bromodichloromethane	4.493	83	30707	0.990	ppbv	99
43) Methyl Methacrylate	4.878	69	4586	0.379	ppbv #	1
44) 2,2,4-Trimethylpentane	4.638	57	53804	0.894	ppbv	92
45) t-1,3-Dichloropropene	6.415	75	10513	0.825	ppbv	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091725\
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 Sample : VSTDIC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

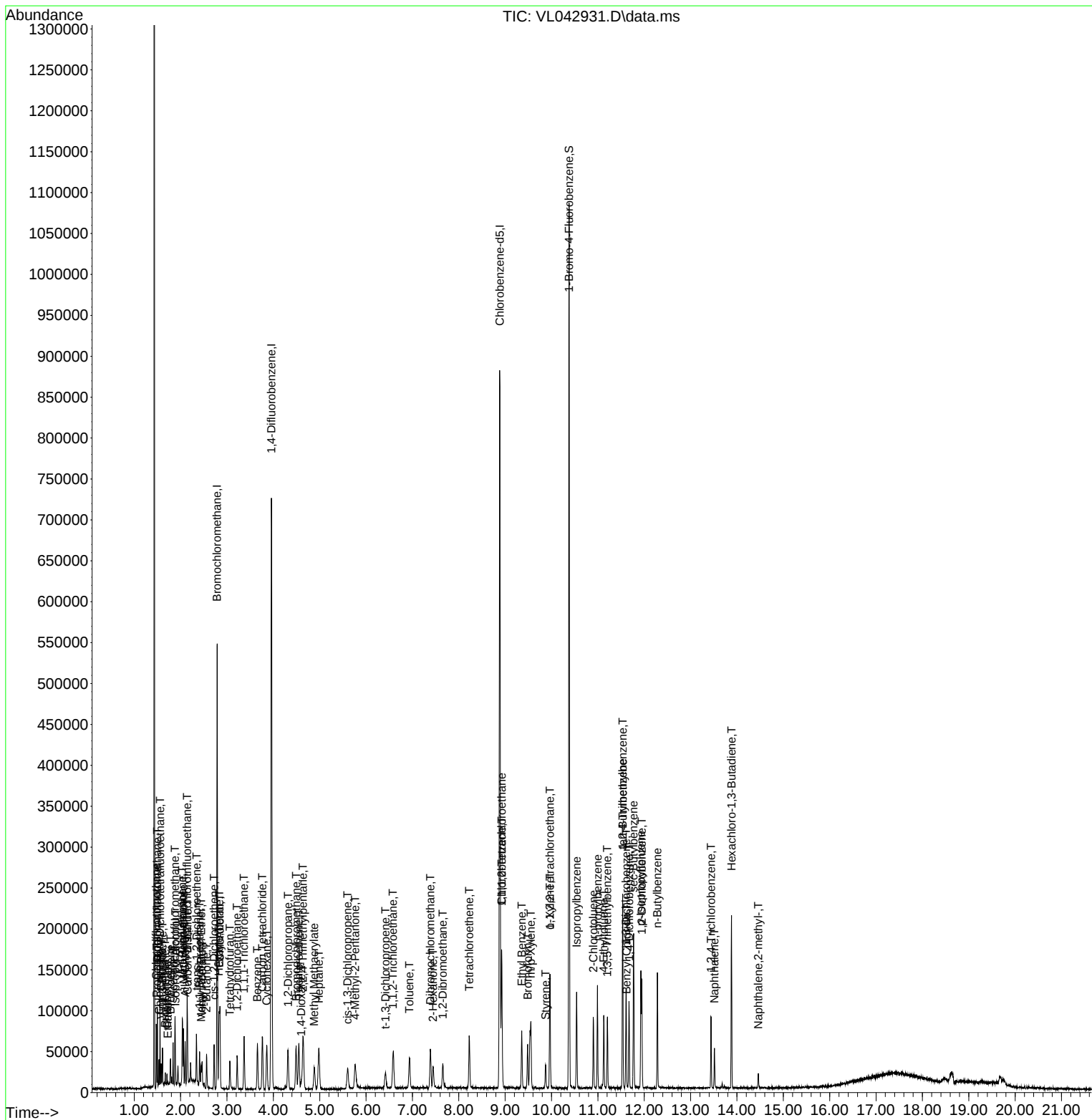
Instrument :
 MSVOA_L
 ClientSampleId :

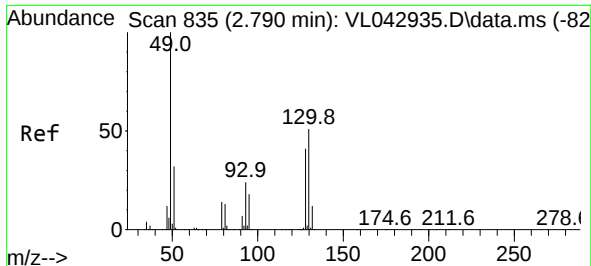
Quant Time: Sep 18 02:28:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Sep 18 02:25:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.599	75	8598	0.489	ppbv	91
47) 1,1,2-Trichloroethane	6.580	97	6775	0.455	ppbv	93
48) Dibromochloromethane	7.386	129	23257	0.998	ppbv	98
49) Bromoform	9.487	173	16990	0.934	ppbv	98
50) 4-Methyl-2-Pentanone	5.765	43	20687	0.647	ppbv #	82
51) 2-Hexanone	7.441	43	17772	0.755	ppbv #	93
52) Tetrachloroethene	8.224	164	10494	0.935	ppbv	92
53) Toluene	6.933	91	17913	0.532	ppbv #	50
54) 1,2-Dibromoethane	7.655	107	18521	0.968	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.927	131	18170	1.006	ppbv #	1
57) Chlorobenzene	8.924	112	31407	0.958	ppbv	95
58) Ethyl Benzene	9.357	91	36048	0.789	ppbv	94
59) m/p-Xylene	9.551	91	38822	1.005	ppbv #	57
60) o-Xylene	9.966	91	29945	0.780	ppbv	98
61) Styrene	9.872	104	10595	1.046	ppbv	97
62) Isopropylbenzene	10.542	105	46332	0.829	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.966	83	25646	0.925	ppbv	98
64) n-propylbenzene	10.992	120	12151	0.838	ppbv	97
65) tert-Butylbenzene	11.535	119	39439	0.825	ppbv	96
66) Benzyl Chloride	11.616	91	3848	0.867	ppbv	94
67) sec-Butylbenzene	11.769	105	63758	0.877	ppbv	98
69) p-Isopropyltoluene	11.927	119	45477	0.812	ppbv	97
70) n-Butylbenzene	12.283	91	46106	0.899	ppbv	95
71) 2-Chlorotoluene	10.901	91	33505	0.808	ppbv	99
72) 4-Ethyltoluene	11.124	105	34655	0.937	ppbv #	97
73) 1,3,5-Trimethylbenzene	11.202	105	30778	0.810	ppbv	90
74) 1,2,4-Trimethylbenzene	11.535	105	38075	0.853	ppbv	96
75) 1,3-Dichlorobenzene	11.607	146	25315	0.895	ppbv	95
76) 1,4-Dichlorobenzene	11.675	146	23918	0.879	ppbv	97
77) 1,2-Dichlorobenzene	11.947	146	27862	0.976	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	17581	0.964	ppbv	98
79) Naphthalene	13.513	128	21593	0.809	ppbv	95
80) Naphthalene,2-methyl-	14.461	142	5523	1.103	ppbv	94
81) 1,2,4-Trichlorobenzene	13.442	180	12986	0.977	ppbv	96

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

Quant Time: Sep 18 02:28:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Sep 18 02:25:28 2025
Response via : Initial Calibration

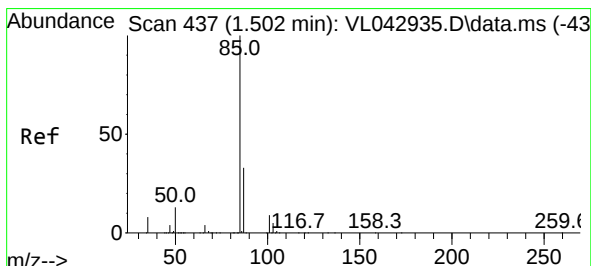
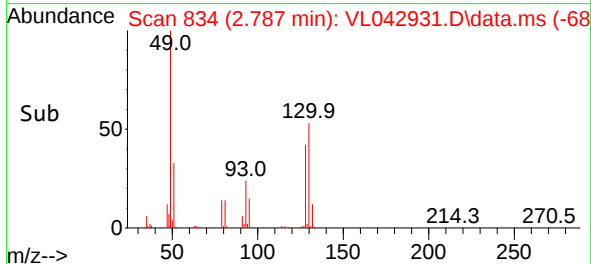
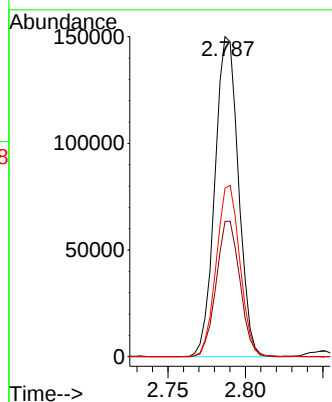
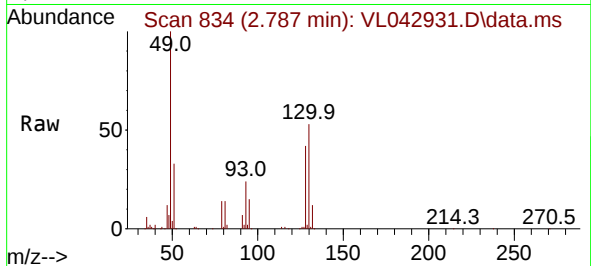




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.787 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

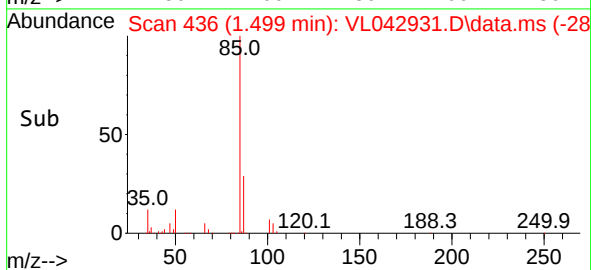
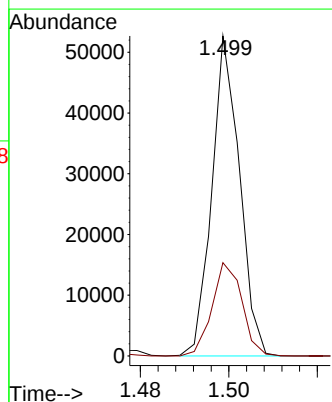
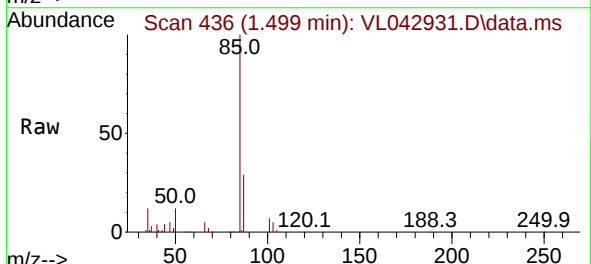
Instrument :
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 ClientSampleId :

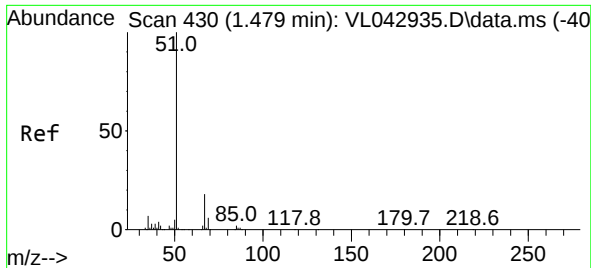
Tgt Ion: 49 Resp: 158272
 Ion Ratio Lower Upper
 49 100
 128 42.7 21.1 63.4
 130 53.8 26.4 79.2



#2
 Dichlorodifluoromethane
 Concen: 1.012 ppbv
 RT: 1.499 min Scan# 436
 Delta R.T. -0.003 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

Tgt Ion: 85 Resp: 22884
 Ion Ratio Lower Upper
 85 100
 87 29.1 26.1 39.1

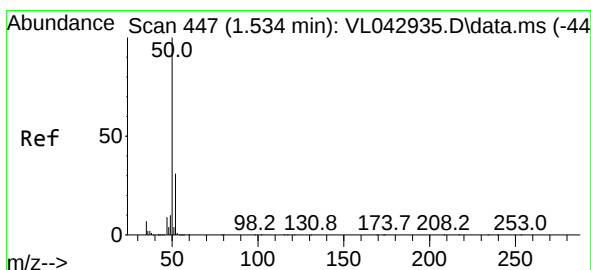
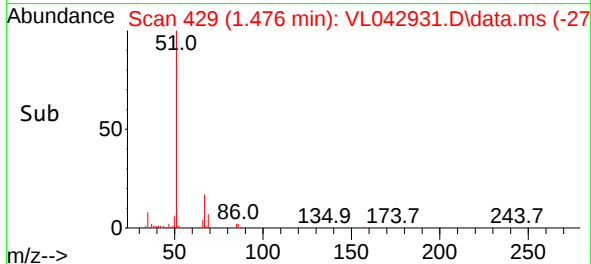
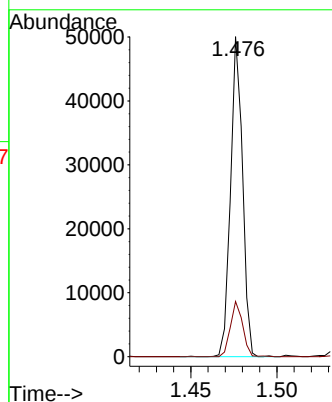
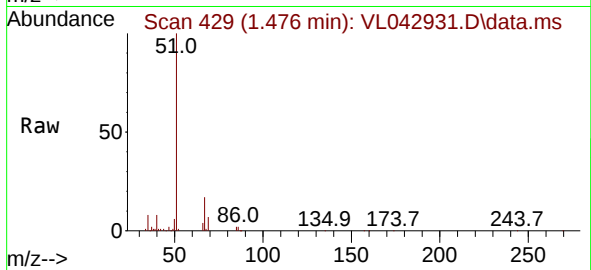




#3
Chlorodifluoromethane
Concen: 1.020 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

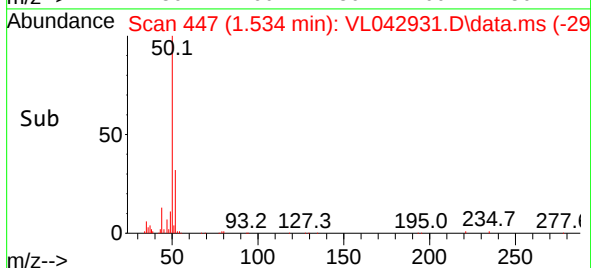
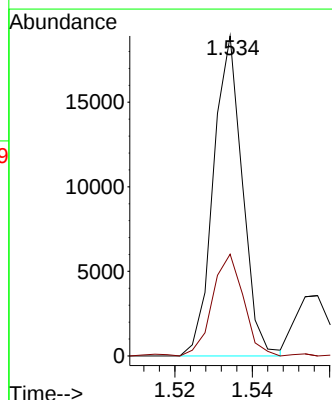
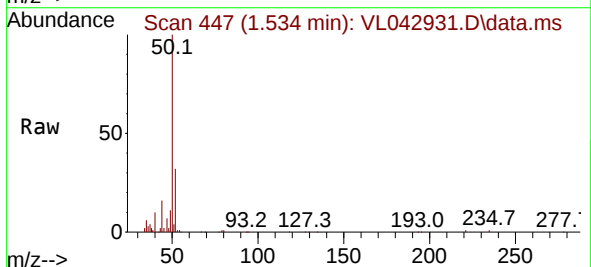
Instrument :
MSVOA_L
ClientSampleId :

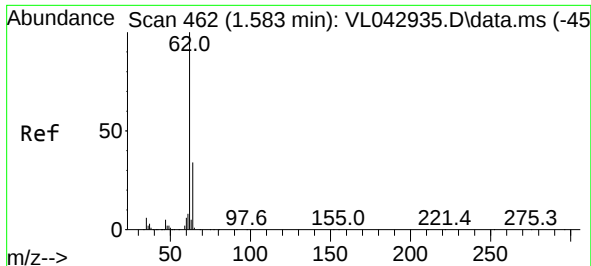
Tgt Ion: 51 Resp: 24279
Ion Ratio Lower Upper
51 100
67 17.8 14.1 21.1



#4
Chloromethane
Concen: 1.084 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 50 Resp: 9850
Ion Ratio Lower Upper
50 100
52 31.8 24.6 36.8

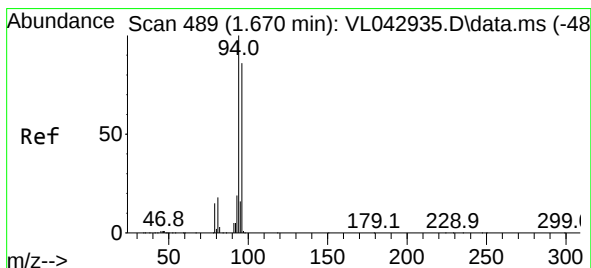
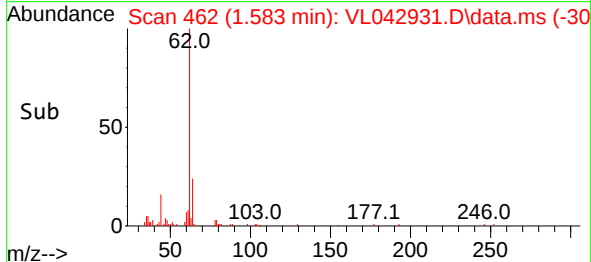
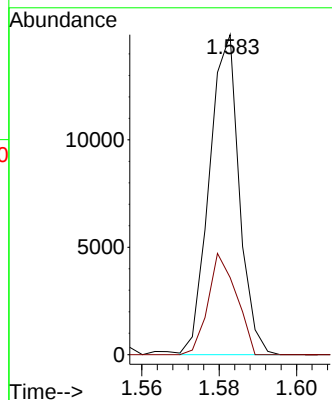
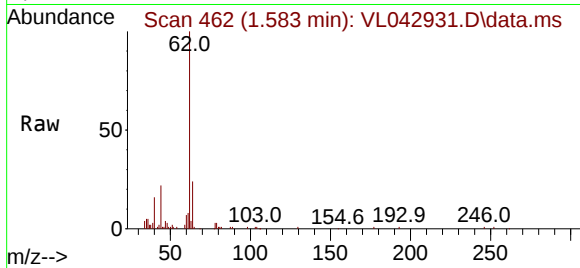




#5
 Vinyl Chloride
 Concen: 0.930 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.000 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

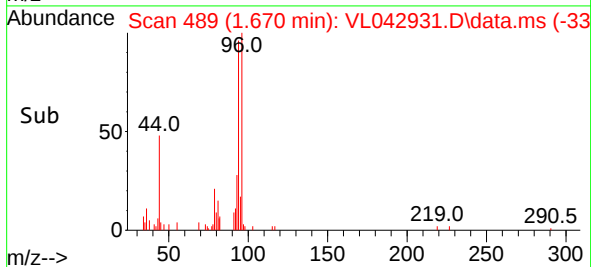
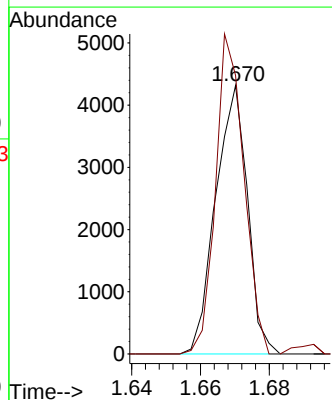
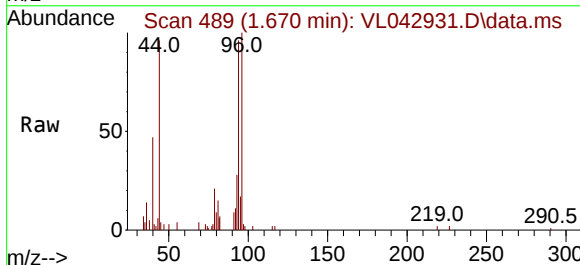
Instrument :
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 ClientSampleId :

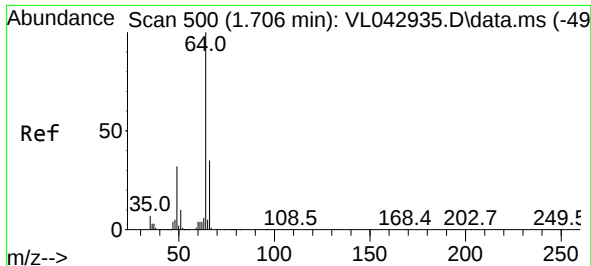
Tgt Ion: 62 Resp: 7971
 Ion Ratio Lower Upper
 62 100
 64 24.1 27.0 40.6#



#6
 Bromomethane
 Concen: 0.931 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

Tgt Ion: 94 Resp: 2772
 Ion Ratio Lower Upper
 94 100
 96 103.8 68.6 103.0#

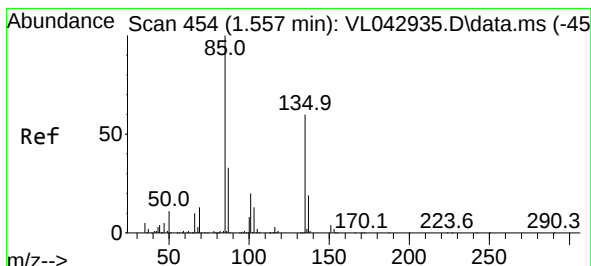
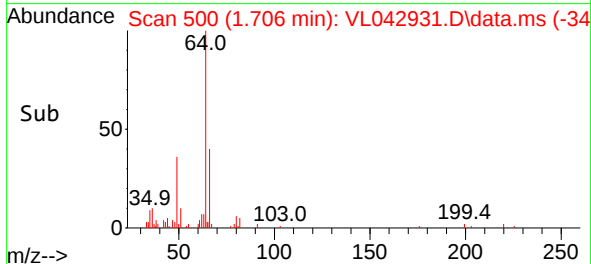
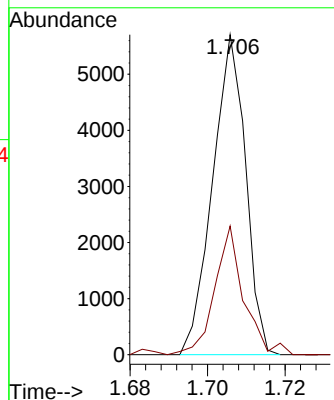
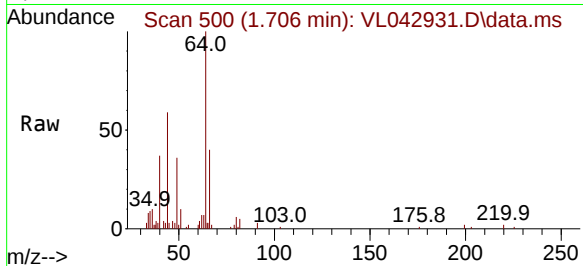




#7
Chloroethane
Concen: 1.069 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

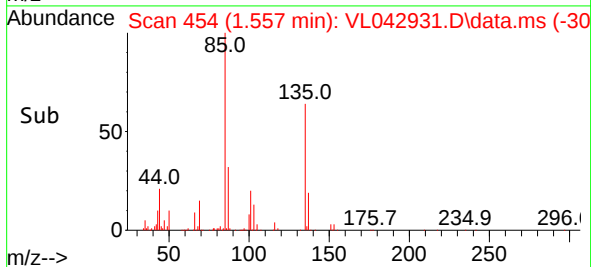
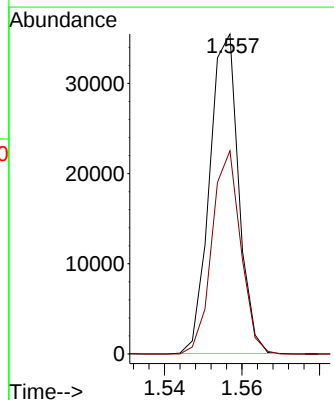
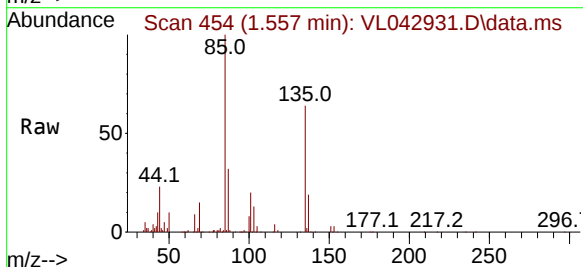
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MSVOA_L
ClientSampleId :

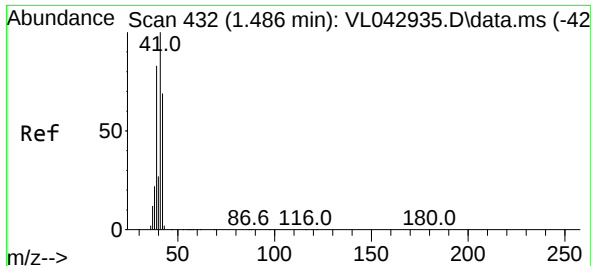
Tgt Ion: 64 Resp: 3374
Ion Ratio Lower Upper
64 100
66 39.1 27.9 41.9



#8
Dichlorotetrafluoroethane
Concen: 1.029 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 85 Resp: 18455
Ion Ratio Lower Upper
85 100
135 63.0 48.1 72.1

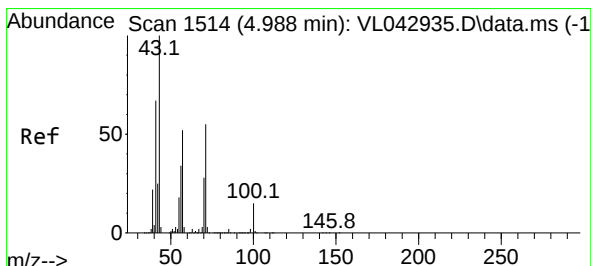
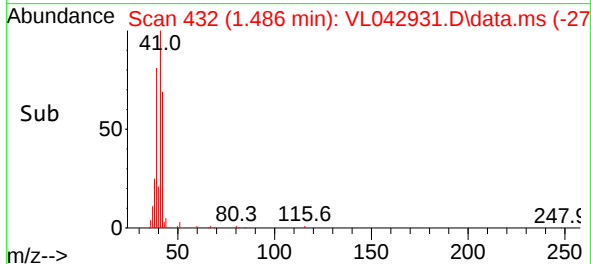
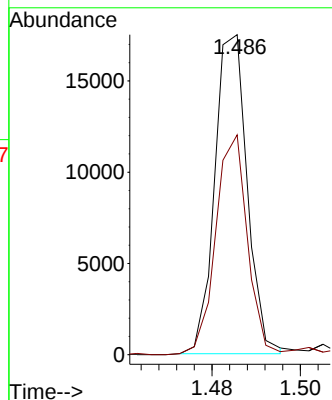
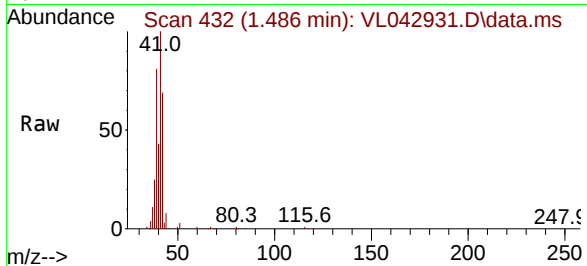




#9
 Propene
 Concen: 1.027 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

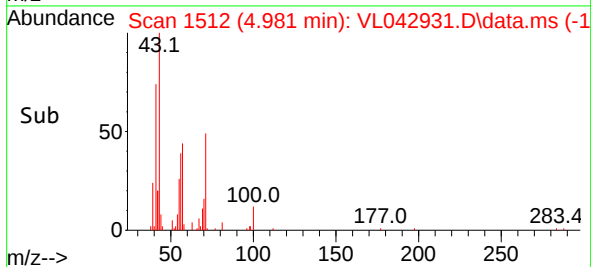
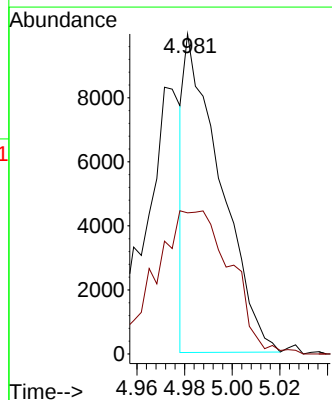
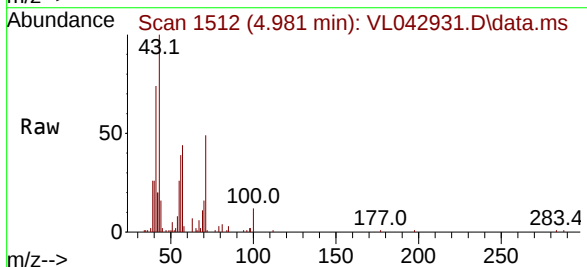
Instrument :
 MSVOA_L
 ClientSampleId :

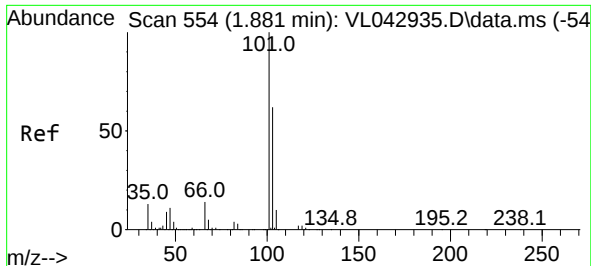
Tgt Ion: 41 Resp: 8924
 Ion Ratio Lower Upper
 41 100
 42 70.0 55.0 82.4



#10
 Heptane
 Concen: 0.484 ppbv
 RT: 4.981 min Scan# 1512
 Delta R.T. -0.007 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

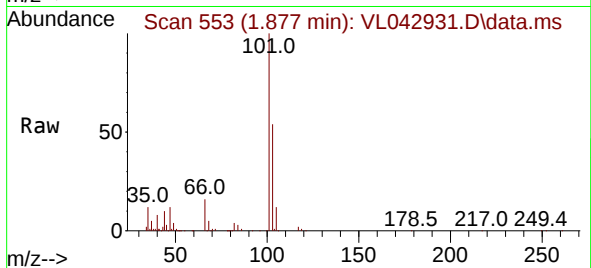
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 Ion Ratio Lower Upper
 43 100
 57 96.2 39.8 59.8#



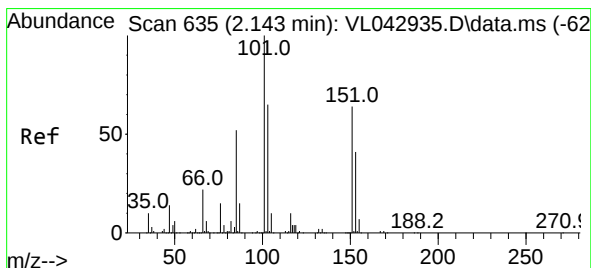
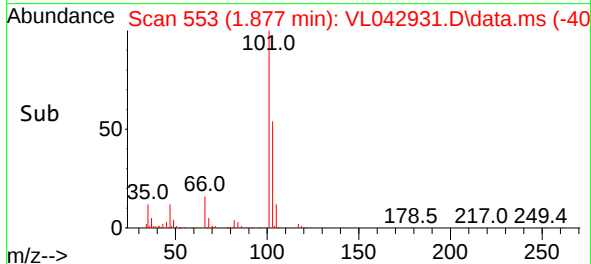
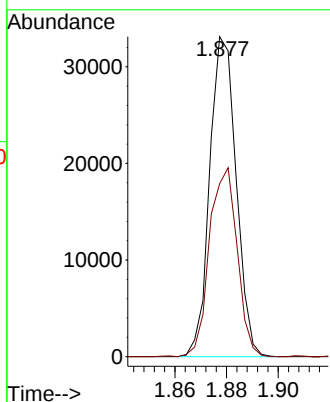


#11
 Trichlorofluoromethane
 Concen: 1.056 ppbv
 RT: 1.877 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

Instrument :
 MSVOA_L
 ClientSampleId :

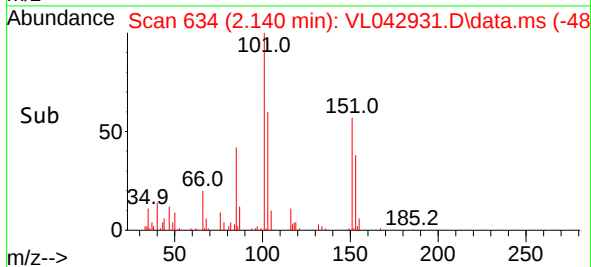
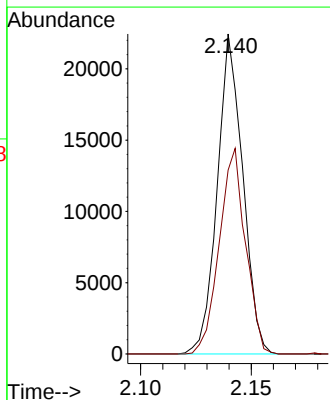
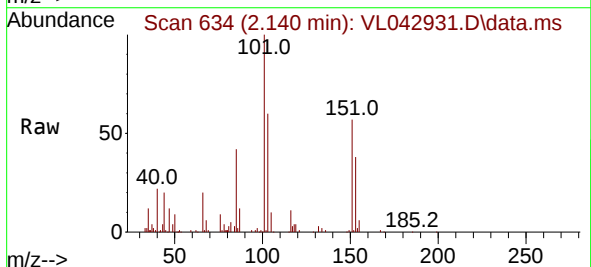


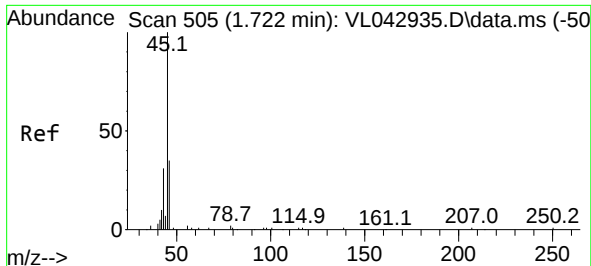
Tgt Ion:101 Resp: 23589
 Ion Ratio Lower Upper
 101 100
 103 54.0 49.6 74.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.030 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. -0.003 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

Tgt Ion:101 Resp: 17971
 Ion Ratio Lower Upper
 101 100
 151 66.3 51.9 77.9

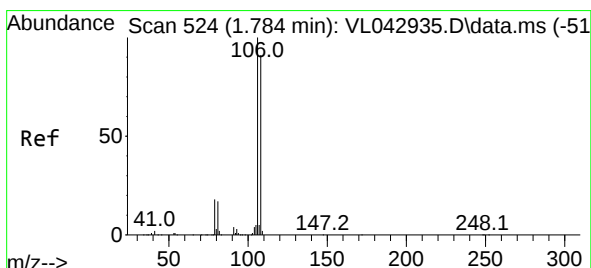
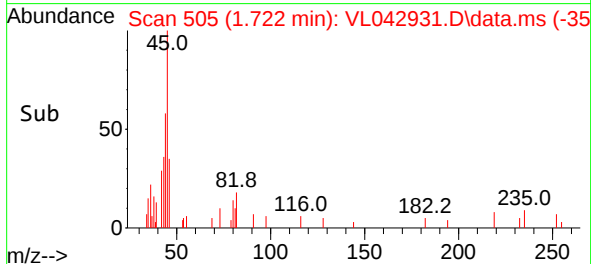
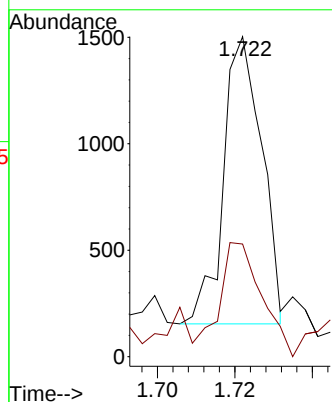
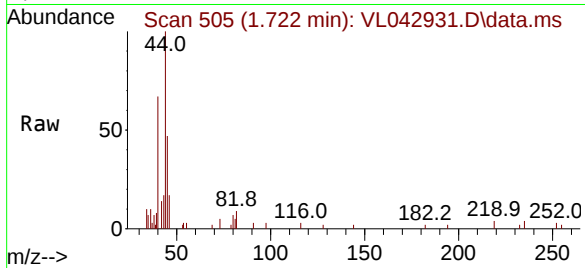




#13
Ethanol
Concen: 1.045 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

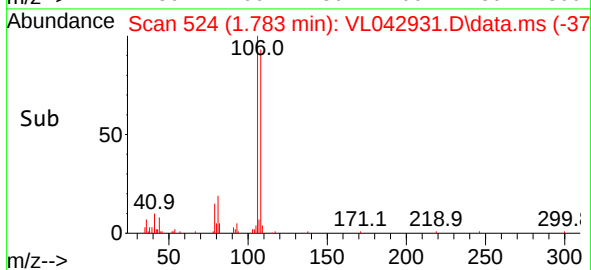
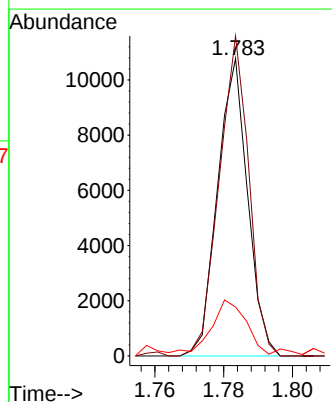
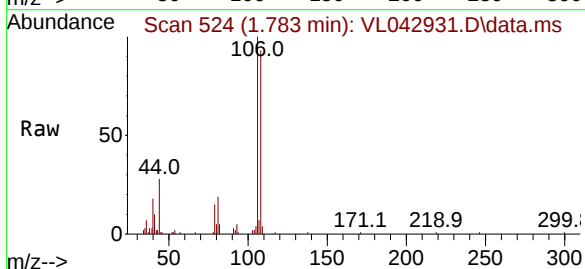
Instrument :
MSVOA_L
ClientSampleId :

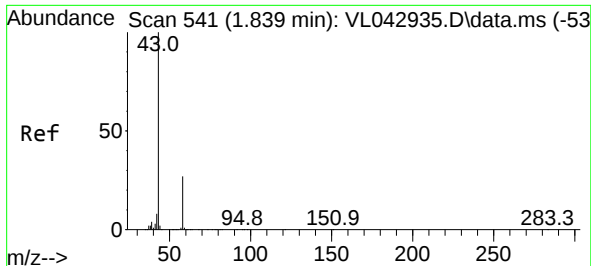
Tgt Ion: 45 Resp: 926
Ion Ratio Lower Upper
45 100
46 72.5 16.5 66.1#



#14
Bromoethene
Concen: 1.053 ppbv
RT: 1.783 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 108 Resp: 6547
Ion Ratio Lower Upper
108 100
106 106.5 86.0 129.0
79 30.5 17.2 25.8#

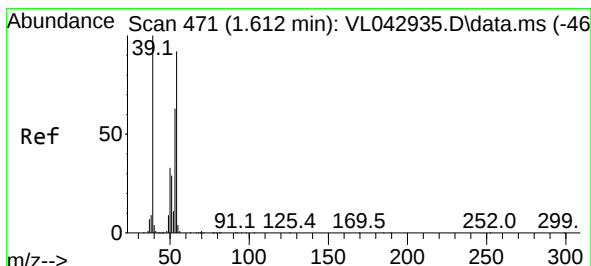
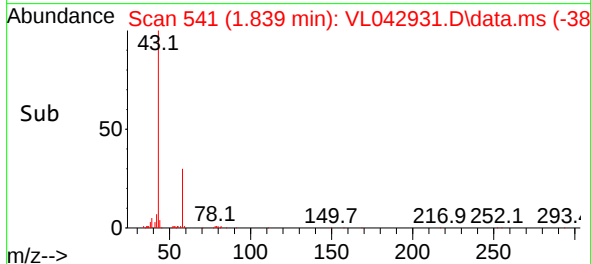
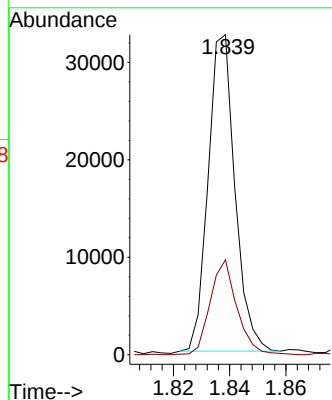
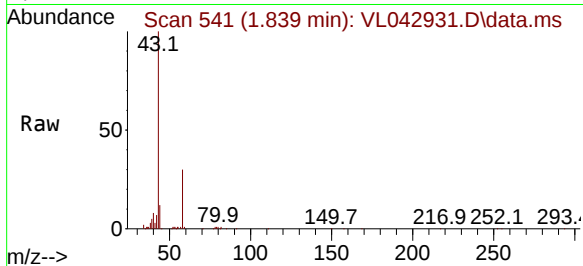




#15
Acetone
Concen: 1.106 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

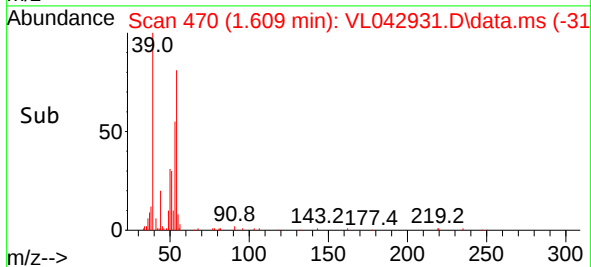
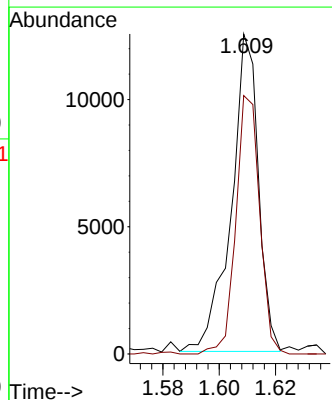
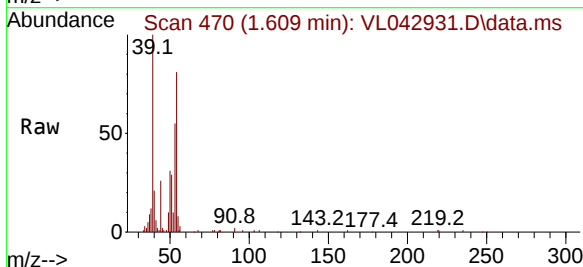
Instrument :
MSVOA_L
ClientSampleId :

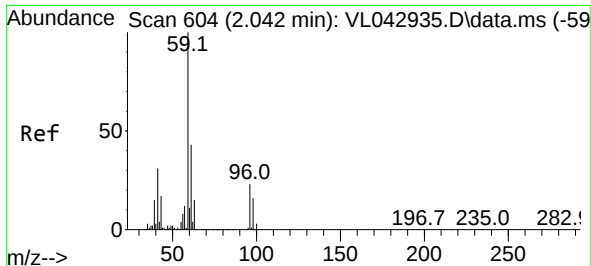
Tgt Ion: 43 Resp: 21505
Ion Ratio Lower Upper
43 100
58 30.2 22.2 33.2



#16
1,3-Butadiene
Concen: 1.031 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 39 Resp: 8380
Ion Ratio Lower Upper
39 100
54 71.4 62.2 93.4





#17

tert-Butyl alcohol

Concen: 1.061 ppbv

RT: 2.042 min Scan# 604

Delta R.T. -0.000 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

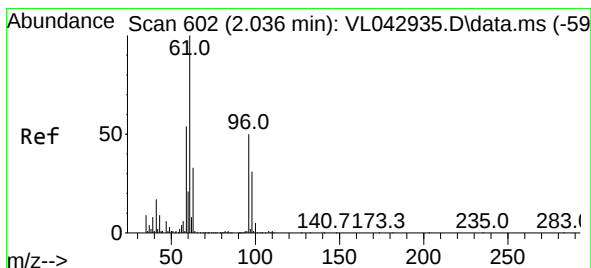
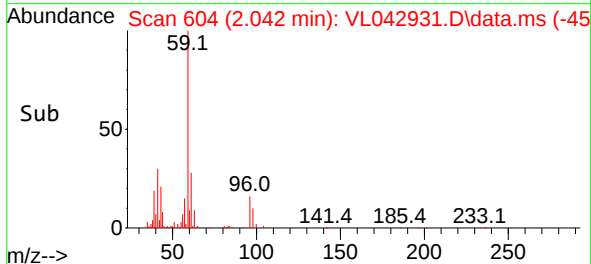
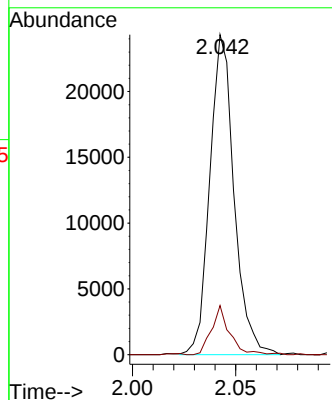
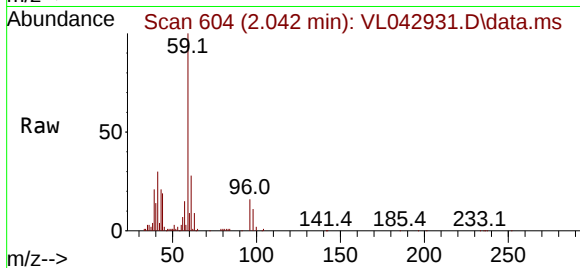
ClientSampleId :

Tgt Ion: 59 Resp: 19857

Ion Ratio Lower Upper

59 100

57 11.8 9.0 13.6



#18

1,1-Dichloroethene

Concen: 1.014 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.000 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

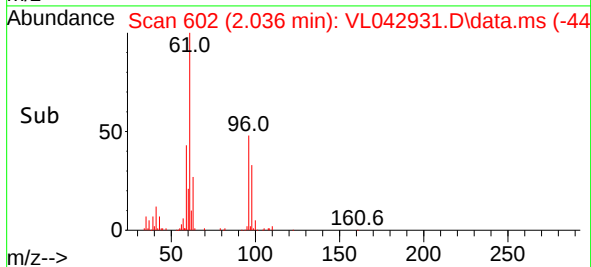
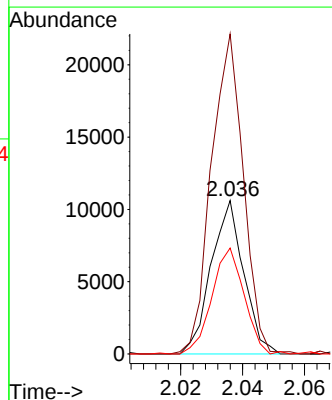
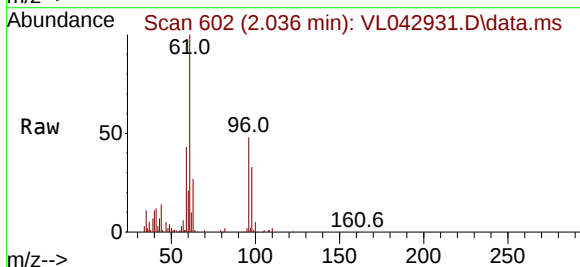
Tgt Ion: 96 Resp: 7747

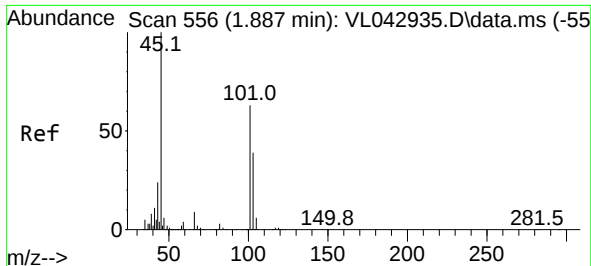
Ion Ratio Lower Upper

96 100

61 207.1 161.1 241.7

98 69.0 50.7 76.1

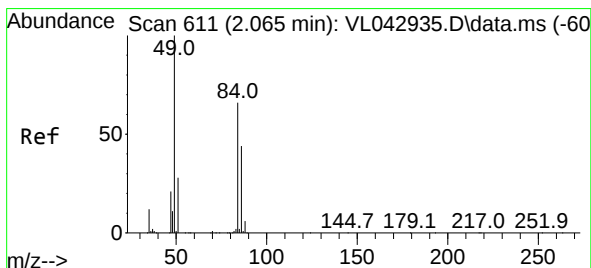
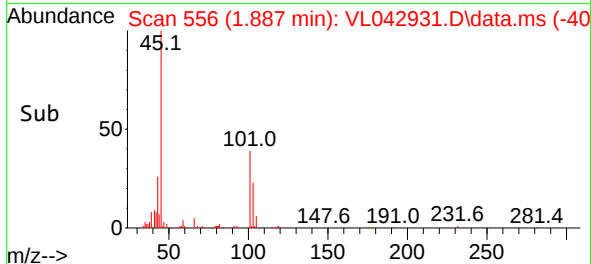
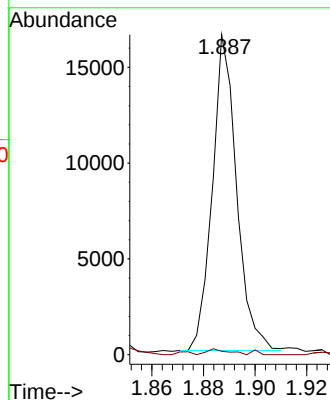
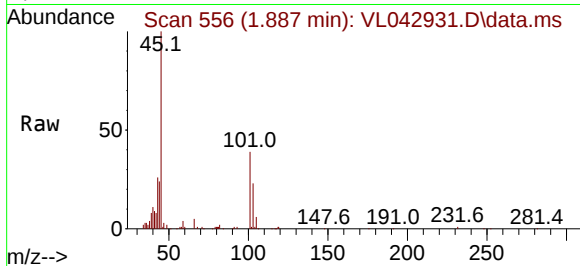




#19
Isopropyl Alcohol
Concen: 1.033 ppbv
RT: 1.887 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

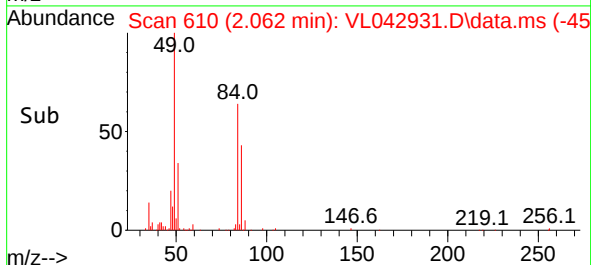
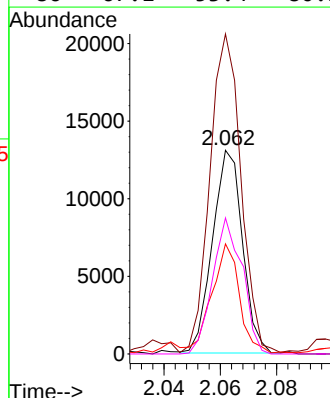
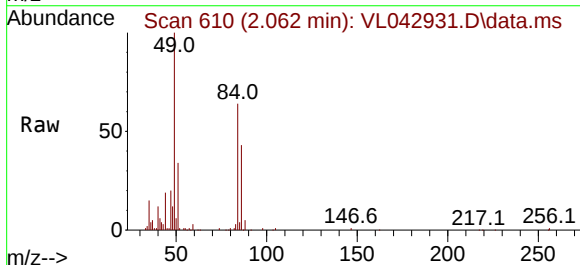
Instrument :
MSVOA_L
ClientSampleId :

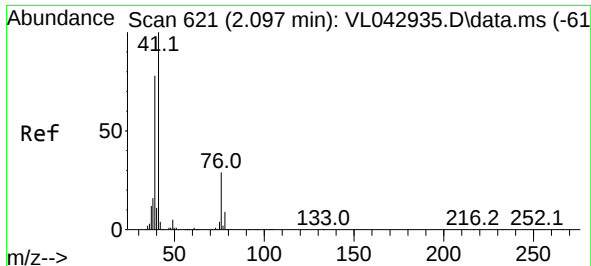
Tgt Ion: 45 Resp: 10765
Ion Ratio Lower Upper
45 100
58 60.4 2.0 3.0#



#20
Methylene Chloride
Concen: 1.142 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 84 Resp: 9665
Ion Ratio Lower Upper
84 100
49 157.1 121.8 182.6
51 53.3 35.6 53.4
86 67.1 53.4 80.2

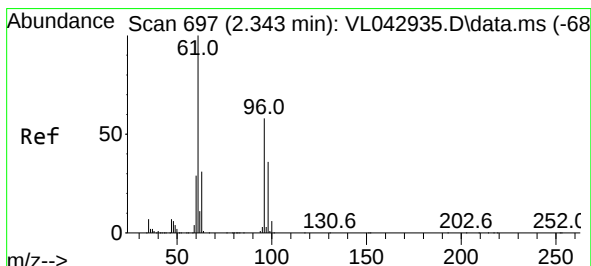
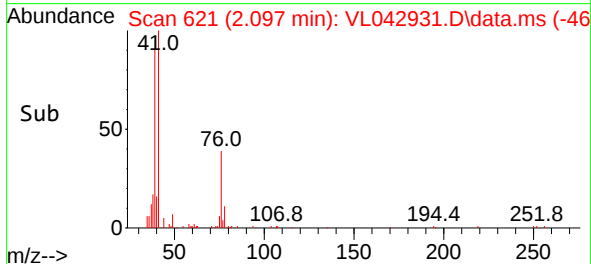
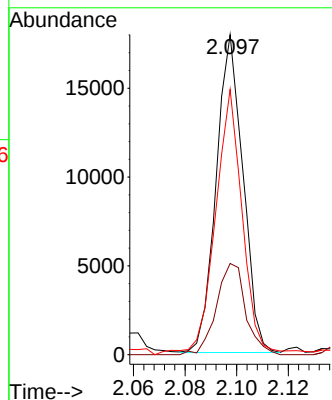
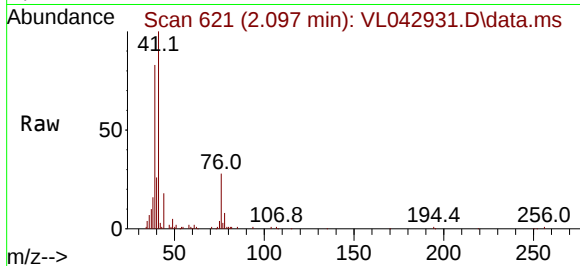




#21
 Allyl Chloride
 Concen: 0.979 ppbv
 RT: 2.097 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

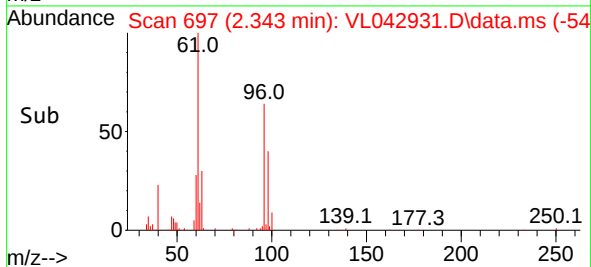
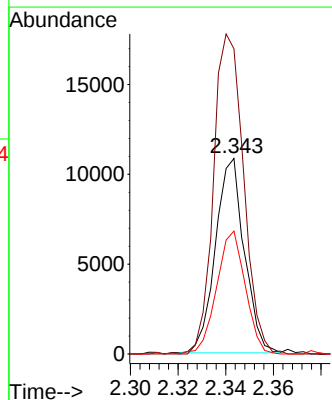
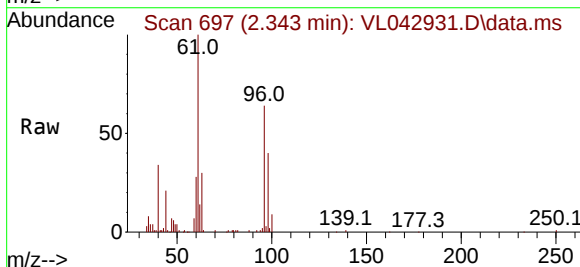
Instrument :
 MSVOA_L
 ClientSampleId :

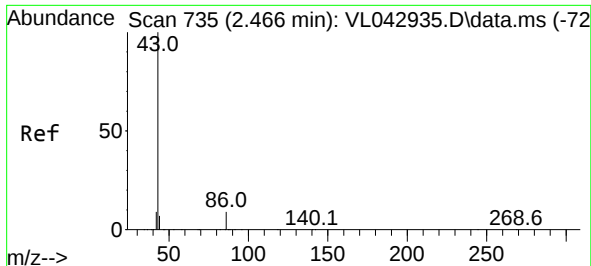
Tgt Ion: 41 Resp: 12905
 Ion Ratio Lower Upper
 41 100
 76 31.3 23.8 35.6
 39 80.5 63.2 94.8



#22
 trans-1,2-Dichloroethene
 Concen: 1.051 ppbv
 RT: 2.343 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

Tgt Ion: 96 Resp: 9099
 Ion Ratio Lower Upper
 96 100
 61 157.0 139.0 208.6
 98 63.3 49.4 74.2

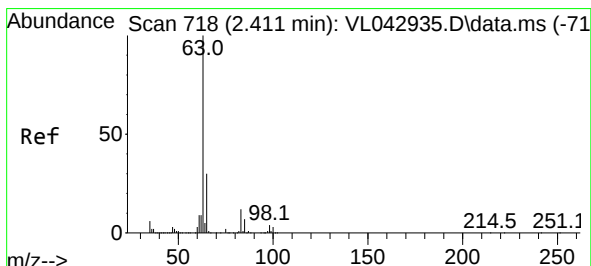
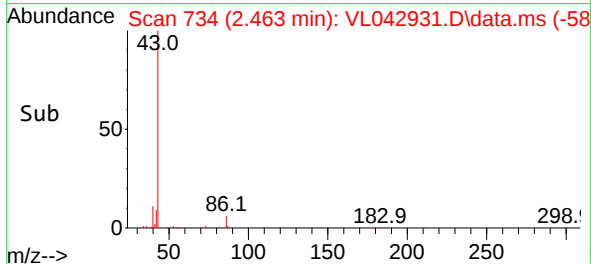
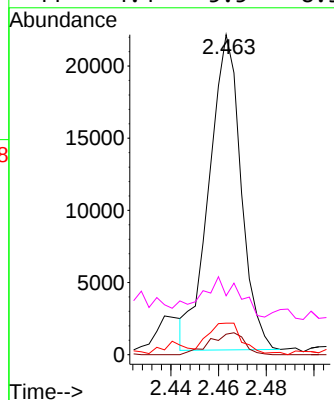
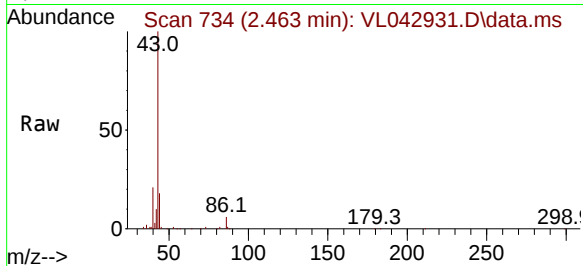




#23
 Vinyl Acetate
 Concen: 0.900 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

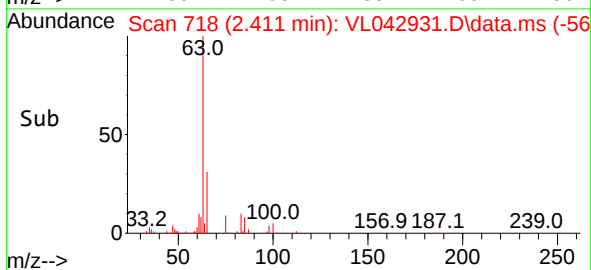
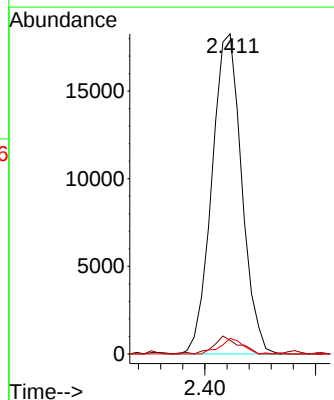
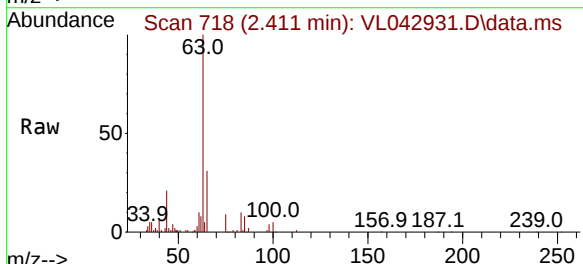
Instrument :
 MSVOA_L
 ClientSampleId :

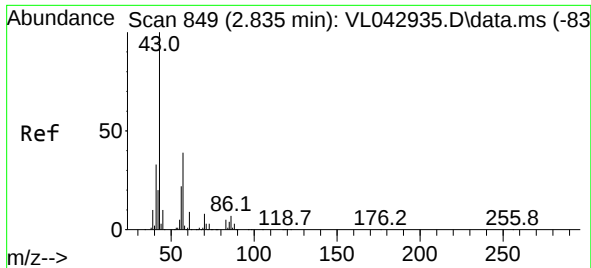
Tgt Ion:	43	Resp:	20319
Ion	Ratio	Lower	Upper
43	100		
86	6.5	6.4	9.6
42	9.3	7.5	11.3
44	4.4	5.5	8.3



#24
 1,1-Dichloroethane
 Concen: 1.000 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

Tgt Ion:	63	Resp:	17097
Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.2	6.6
100	4.9	1.7	5.1

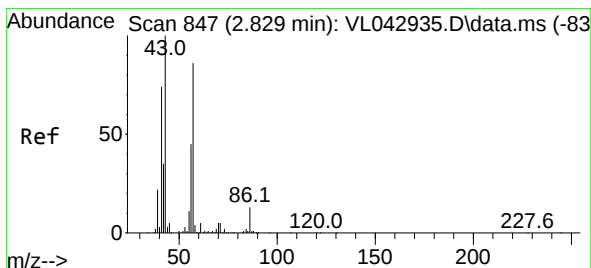
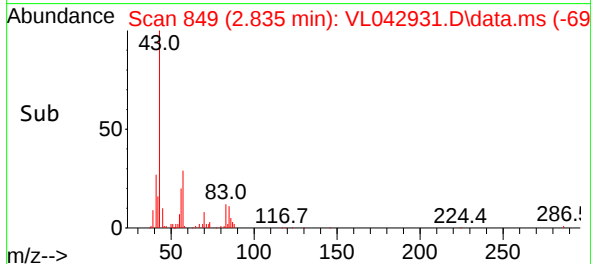
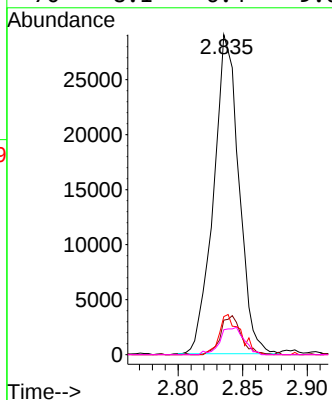
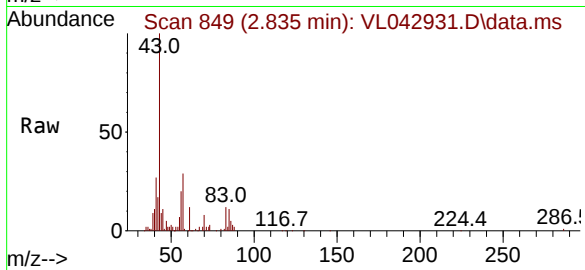




#25
Ethyl Acetate
Concen: 0.954 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

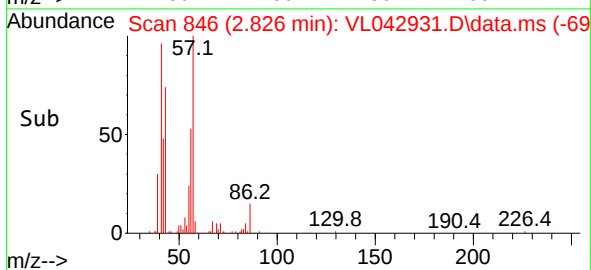
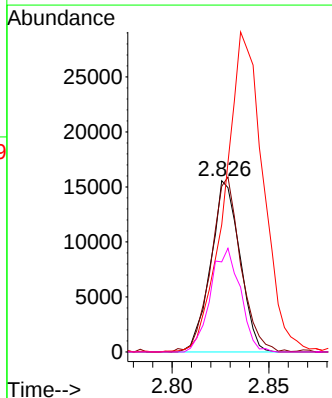
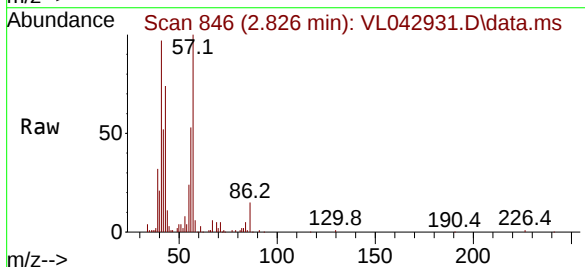
Instrument :
MSVOA_L
ClientSampleId :

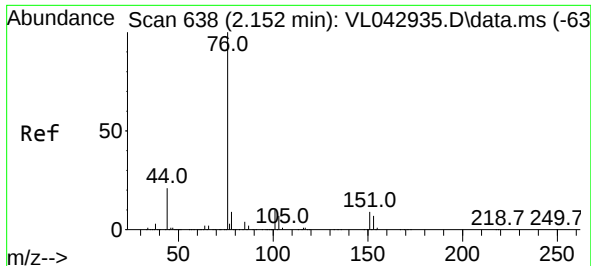
Tgt Ion: 43	Resp: 39603
Ion Ratio	Lower Upper
43 100	
45 10.0	7.8 11.8
61 10.4	7.2 10.8
70 8.1	6.4 9.6



#26
Hexane
Concen: 0.911 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 57	Resp: 16236		
Ion	Ratio	Lower	Upper
57	100		
41	106.0	71.3	106.9
43	250.1	183.9	275.9
56	62.2	44.1	66.1





#27

Carbon Disulfide

Concen: 1.050 ppbv

RT: 2.152 min Scan# 61

Delta R.T. -0.000 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

ClientSampleId :

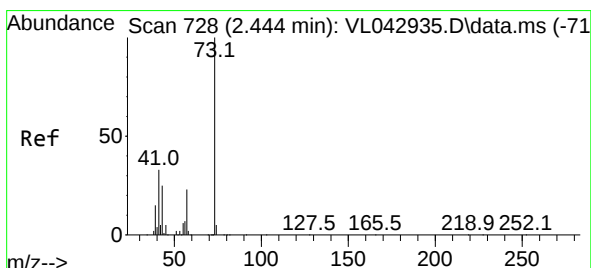
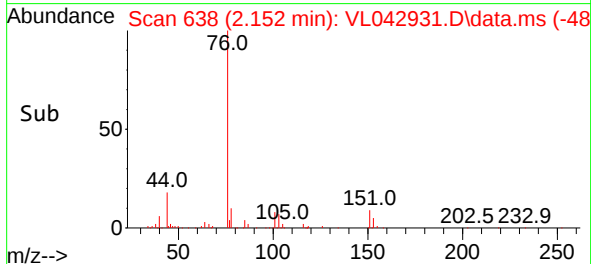
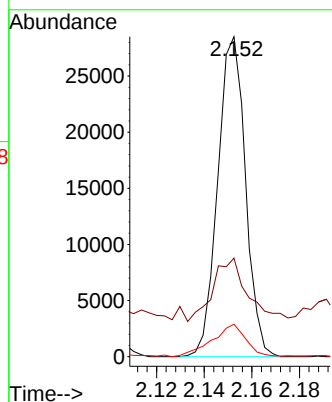
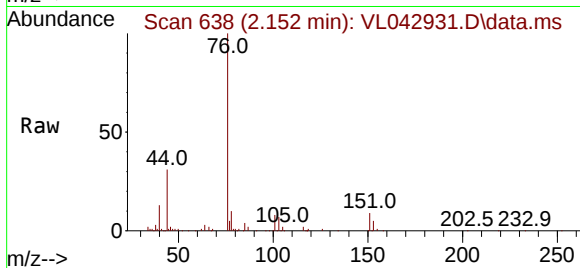
Tgt Ion: 76 Resp: 23073

Ion Ratio Lower Upper

76 100

44 33.3 15.4 23.0#

78 12.8 9.1 13.7



#28

Methyl tert-Butyl Ether

Concen: 1.009 ppbv

RT: 2.444 min Scan# 728

Delta R.T. -0.000 min

Lab File: VL042931.D

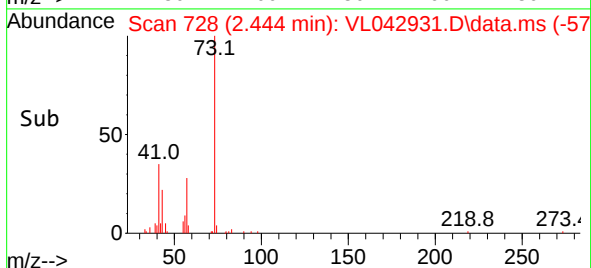
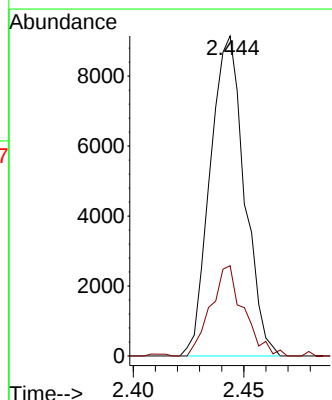
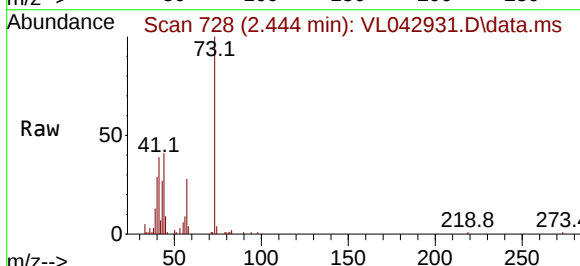
Acq: 17 Sep 2025 11:23

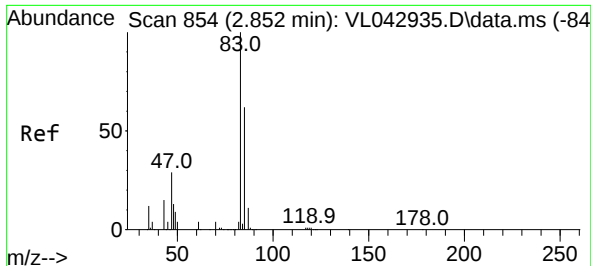
Tgt Ion: 73 Resp: 9873

Ion Ratio Lower Upper

73 100

57 27.5 18.6 28.0





#29

Chloroform

Concen: 1.028 ppbv

RT: 2.848 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

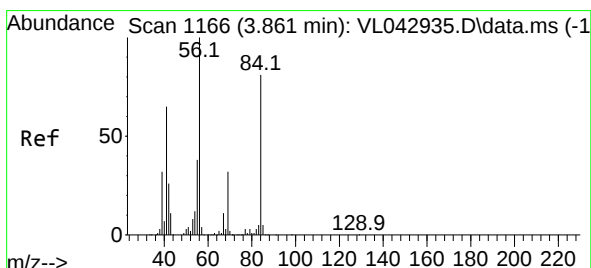
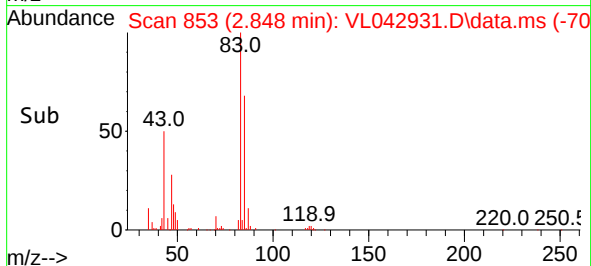
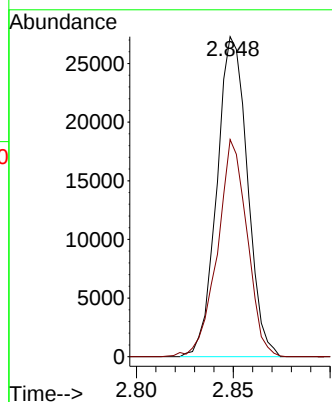
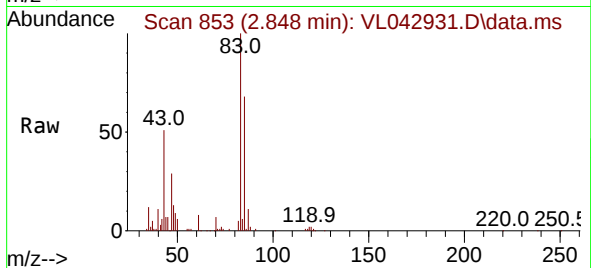
ClientSampleId :

Tgt Ion: 83 Resp: 29928

Ion Ratio Lower Upper

83 100

85 67.6 49.7 74.5



#30

Cyclohexane

Concen: 0.435 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. -0.007 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

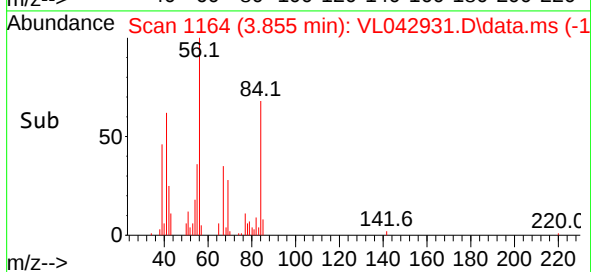
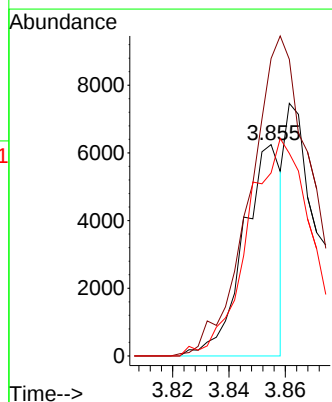
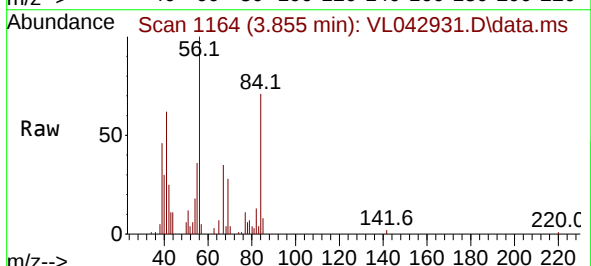
Tgt Ion: 84 Resp: 5842

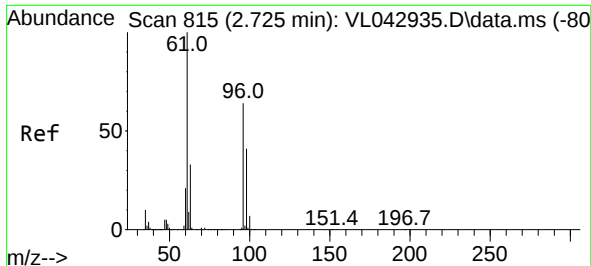
Ion Ratio Lower Upper

84 100

56 249.0 100.6 150.8#

41 178.5 65.4 98.0#

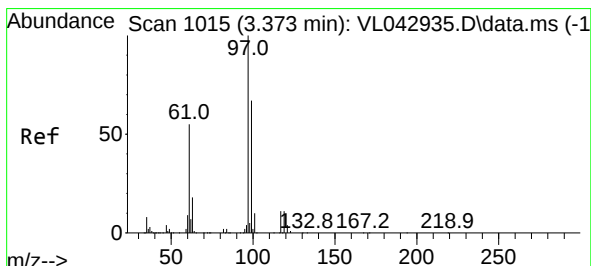
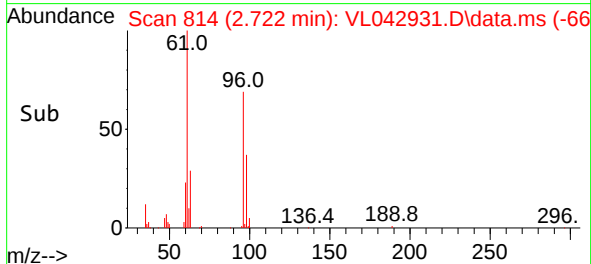
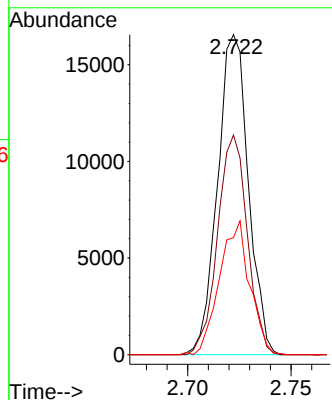
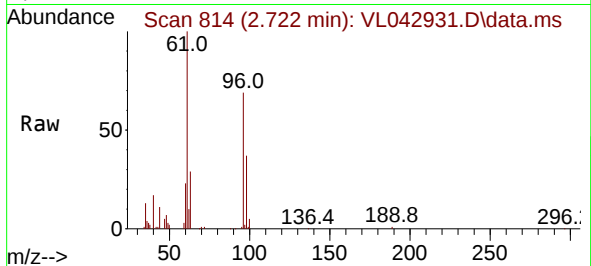




#31
 cis-1,2-Dichloroethene
 Concen: 0.988 ppbv
 RT: 2.722 min Scan# 815
 Delta R.T. -0.003 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

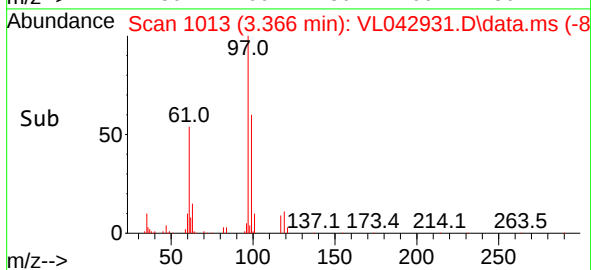
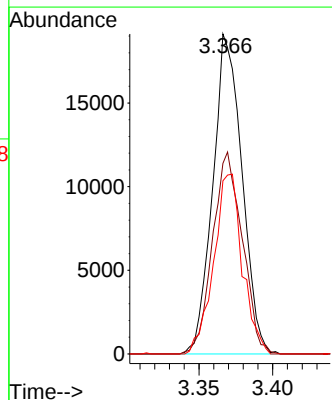
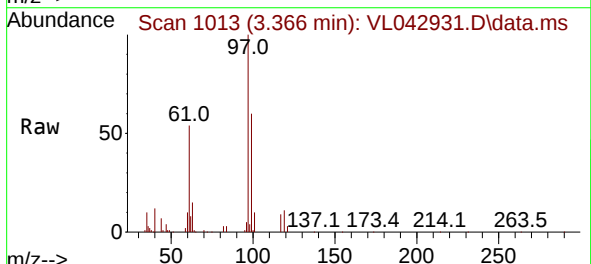
Instrument :
 MSVOA_L
 ClientSampleId :

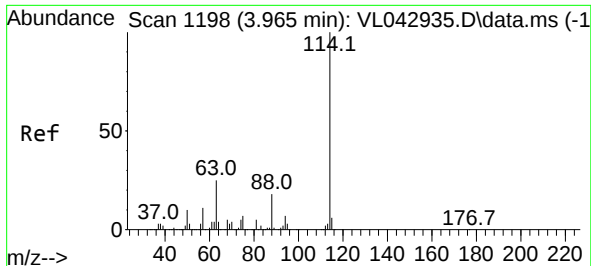
Tgt Ion: 61 Resp: 17192
 Ion Ratio Lower Upper
 61 100
 96 68.7 51.4 77.2
 98 36.6 32.8 49.2



#32
 1,1,1-Trichloroethane
 Concen: 0.965 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.007 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

Tgt Ion: 97 Resp: 26292
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.0 76.4
 61 55.2 43.2 64.8

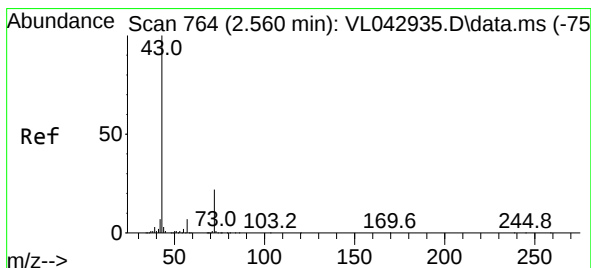
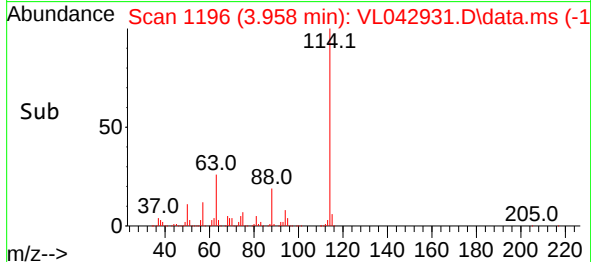
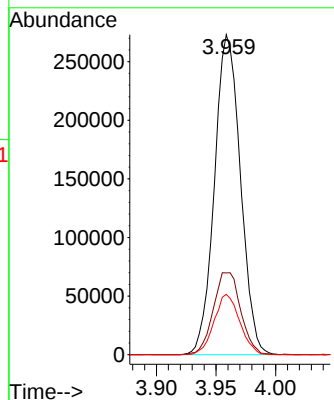
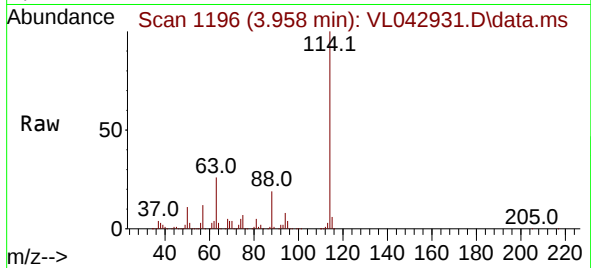




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.958 min Scan# 1198
Delta R.T. -0.007 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

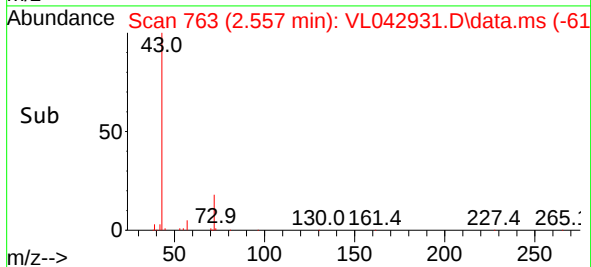
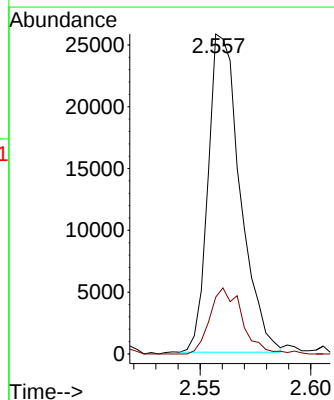
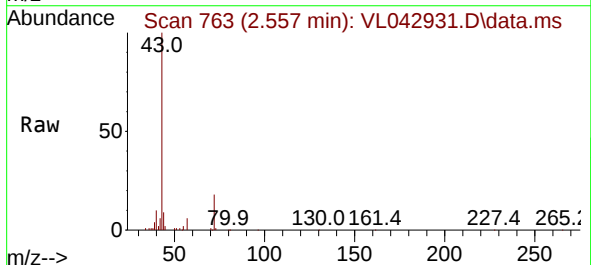
Instrument :
MSVOA_L
ClientSampleId :

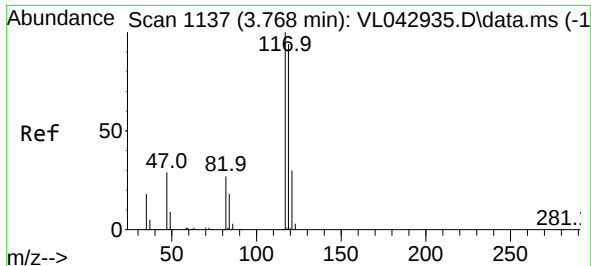
Tgt Ion:114 Resp: 413841
Ion Ratio Lower Upper
114 100
63 27.1 21.1 31.7
88 18.6 14.6 22.0



#34
2-Butanone
Concen: 0.967 ppbv
RT: 2.557 min Scan# 763
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 43 Resp: 25950
Ion Ratio Lower Upper
43 100
72 21.1 17.2 25.8

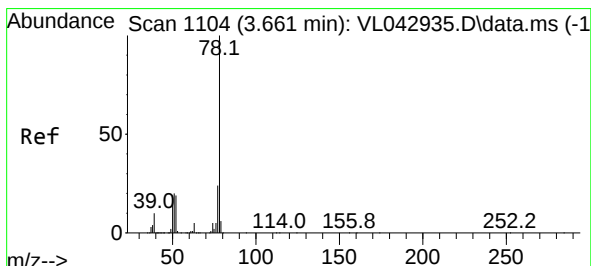
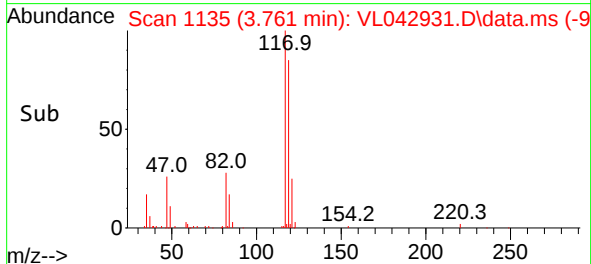
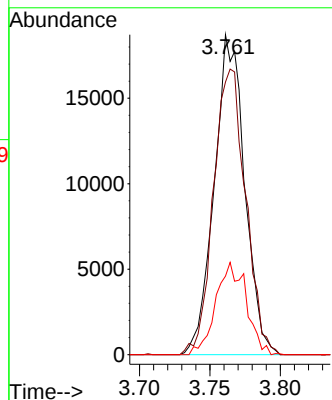
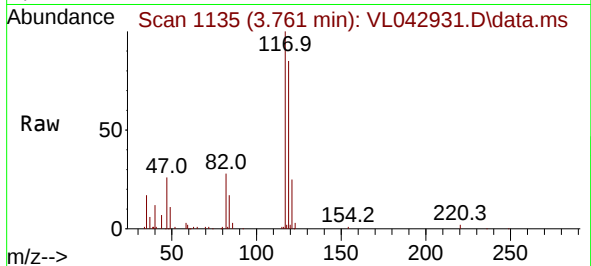




#35
Carbon Tetrachloride
Concen: 0.958 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. -0.007 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

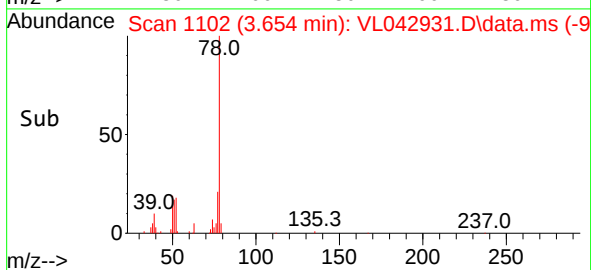
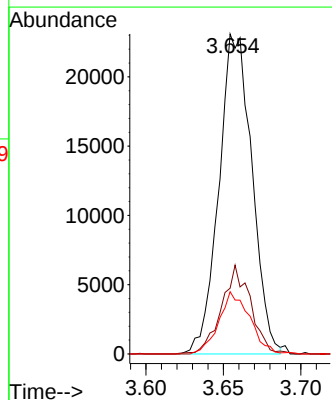
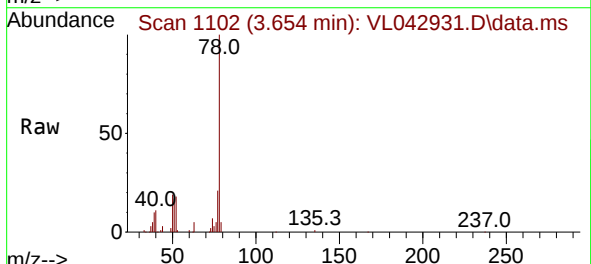
Instrument :
MSVOA_L
ClientSampleId :

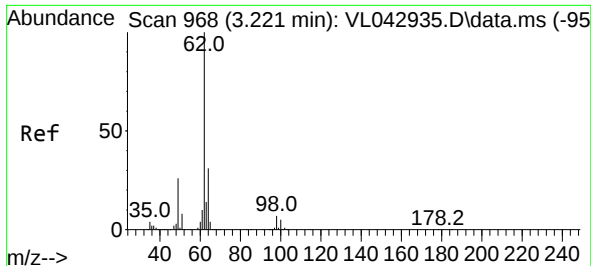
Tgt Ion:117 Resp: 28194
Ion Ratio Lower Upper
117 100
119 85.2 74.9 112.3
121 24.6 24.0 36.0



#36
Benzene
Concen: 0.950 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. -0.007 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 78 Resp: 34301
Ion Ratio Lower Upper
78 100
77 20.3 19.2 28.8
50 19.5 14.8 22.2

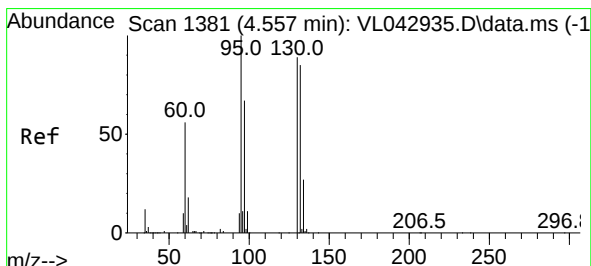
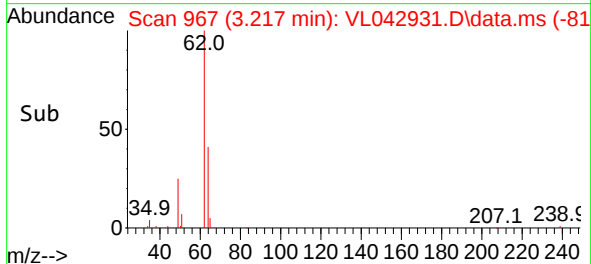
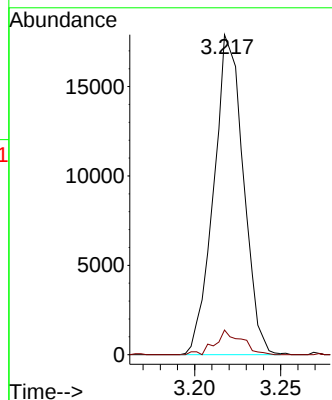
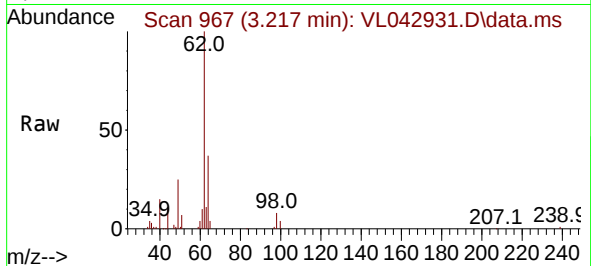




#37
1,2-Dichloroethane
Concen: 0.994 ppbv
RT: 3.217 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

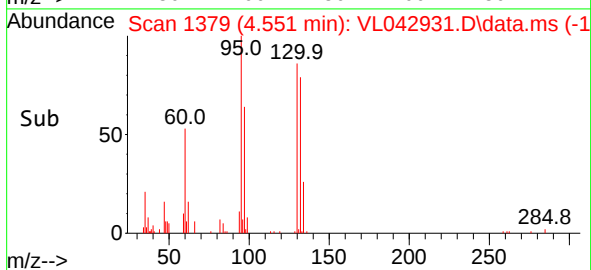
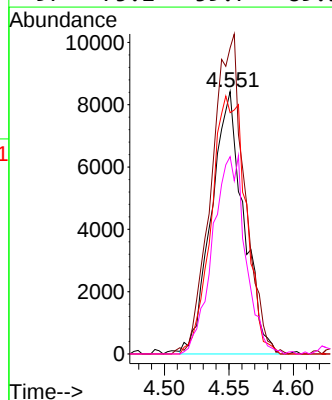
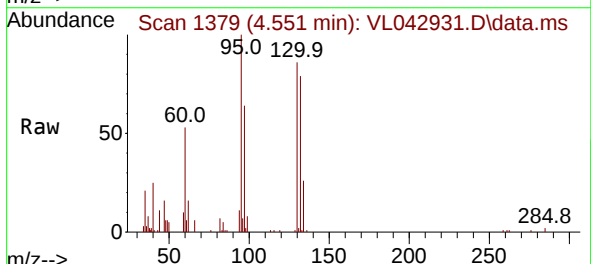
Instrument :
MSVOA_L
ClientSampleId :

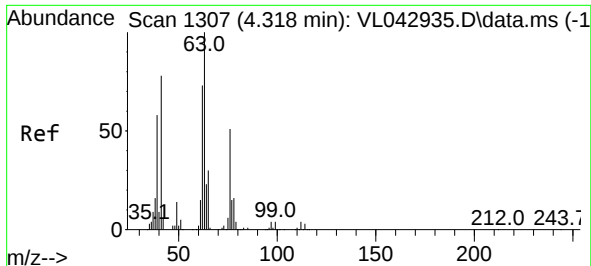
Tgt Ion: 62 Resp: 21496
Ion Ratio Lower Upper
62 100
98 6.9 5.5 8.3



#38
Trichloroethene
Concen: 0.894 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. -0.007 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion:130 Resp: 14609
Ion Ratio Lower Upper
130 100
95 115.1 89.8 134.6
132 91.9 76.3 114.5
97 75.2 59.7 89.5





#39

1,2-Dichloropropane

Concen: 0.685 ppbv

RT: 4.318 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

ClientSampleId :

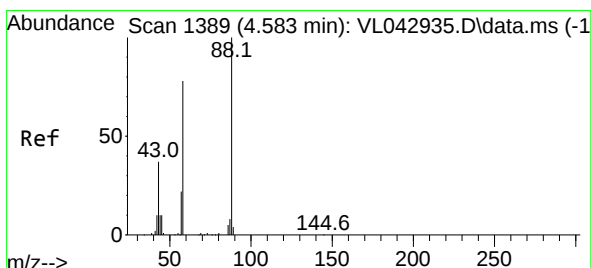
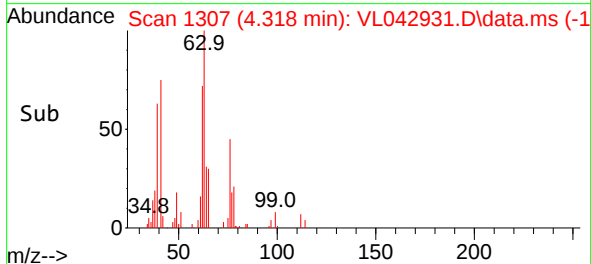
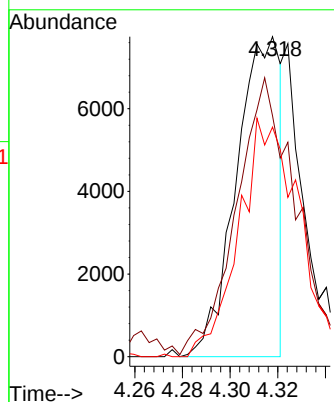
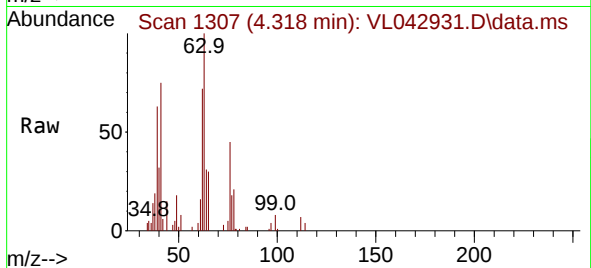
Tgt Ion: 63 Resp: 9995

Ion Ratio Lower Upper

63 100

41 74.6 62.7 94.1

62 71.8 58.4 87.6



#40

1,4-Dioxane

Concen: 0.578 ppbv

RT: 4.599 min Scan# 1394

Delta R.T. 0.016 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Tgt Ion: 88 Resp: 2993

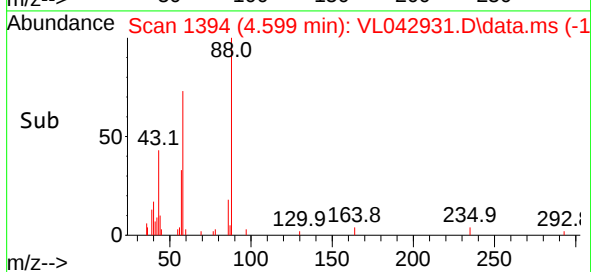
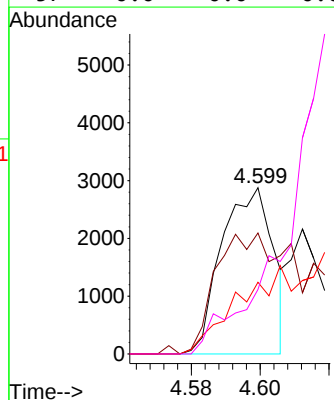
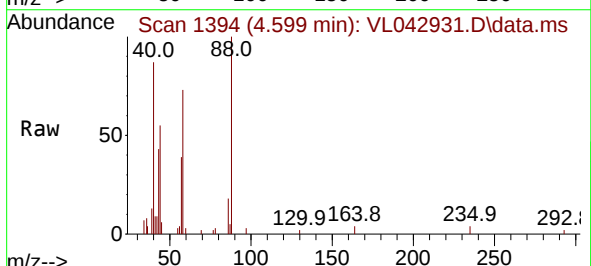
Ion Ratio Lower Upper

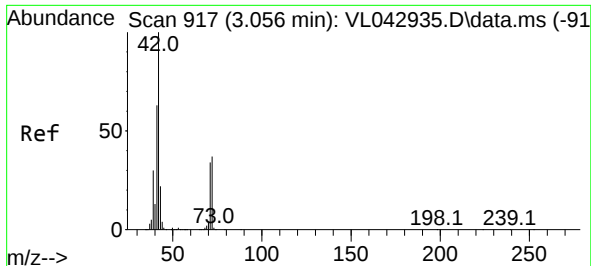
88 100

58 220.5 61.5 92.3#

43 0.0 28.3 42.5#

57 0.0 0.0 0.0

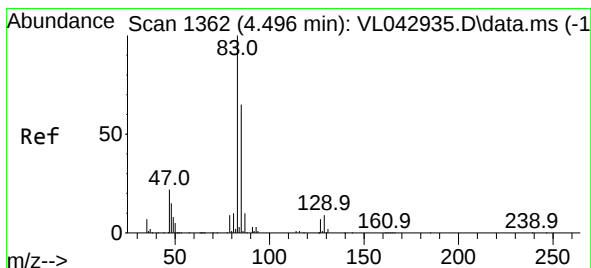
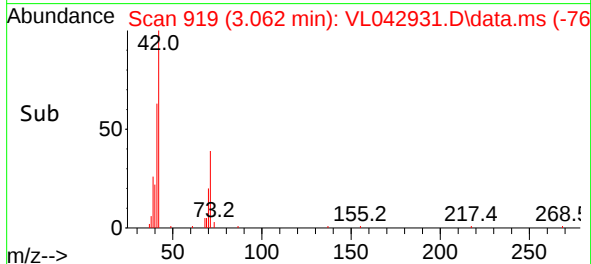
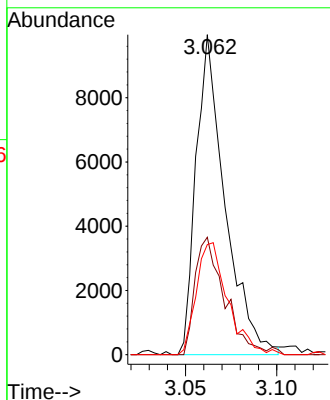
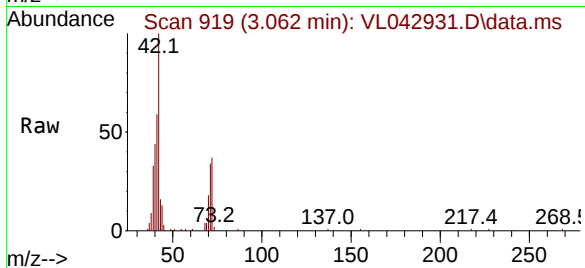




#41
Tetrahydrofuran
Concen: 0.834 ppbv
RT: 3.062 min Scan# 917
Delta R.T. 0.006 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

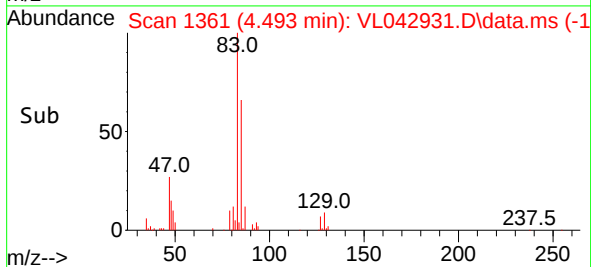
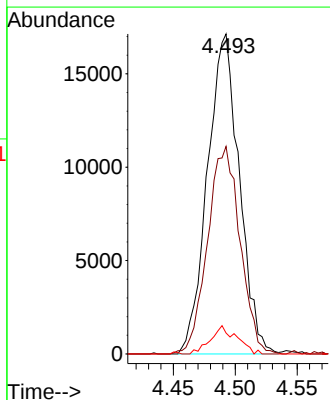
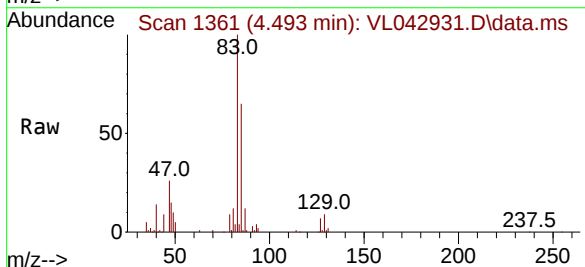
Instrument :
MSVOA_L
ClientSampleId :

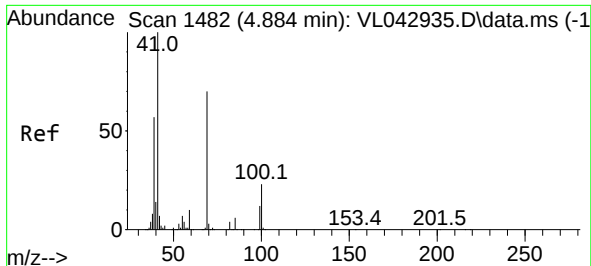
Tgt Ion: 42 Resp: 10997
Ion Ratio Lower Upper
42 100
72 37.9 30.4 45.6
71 38.0 28.3 42.5



#42
Bromodichloromethane
Concen: 0.990 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 83 Resp: 30707
Ion Ratio Lower Upper
83 100
85 64.5 52.1 78.1
127 6.5 6.0 9.0

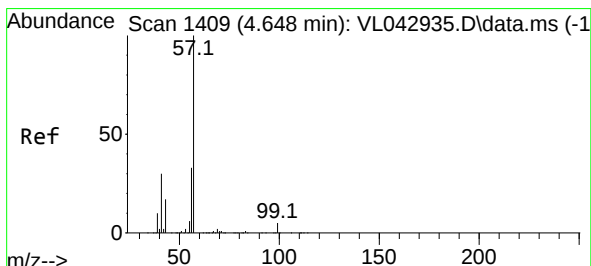
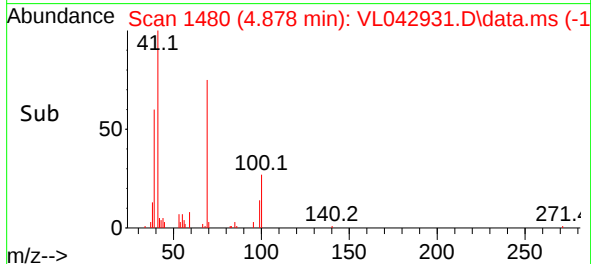
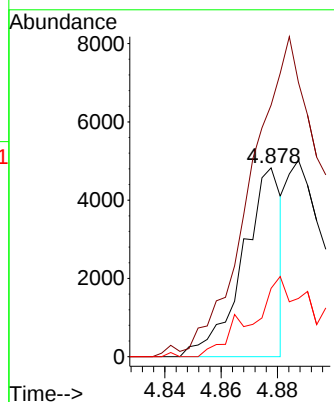
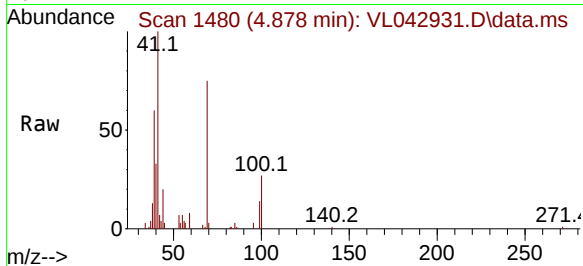




#43
Methyl Methacrylate
Concen: 0.379 ppbv
RT: 4.878 min Scan# 1480
Delta R.T. -0.007 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

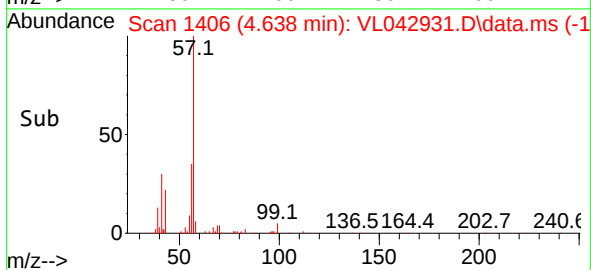
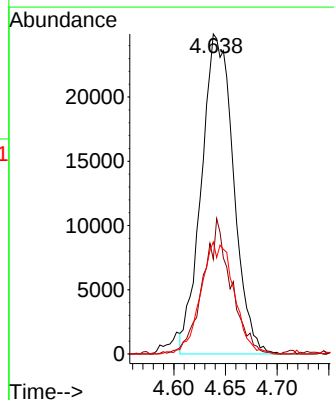
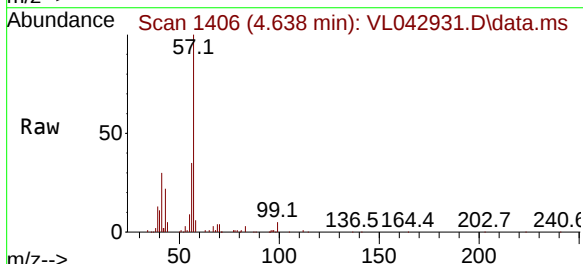
Instrument :
MSVOA_L
ClientSampleId :

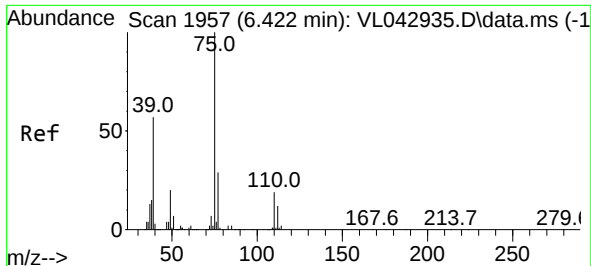
Tgt Ion: 69 Resp: 4586
Ion Ratio Lower Upper
69 100
41 0.0 118.6 178.0#
100 0.0 26.2 39.4#



#44
2,2,4-Trimethylpentane
Concen: 0.894 ppbv
RT: 4.638 min Scan# 1406
Delta R.T. -0.010 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 57 Resp: 53804
Ion Ratio Lower Upper
57 100
41 37.3 25.8 38.6
56 36.2 26.2 39.4

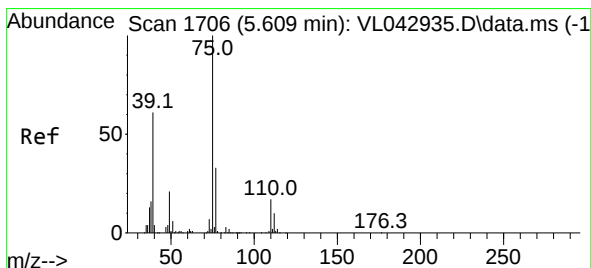
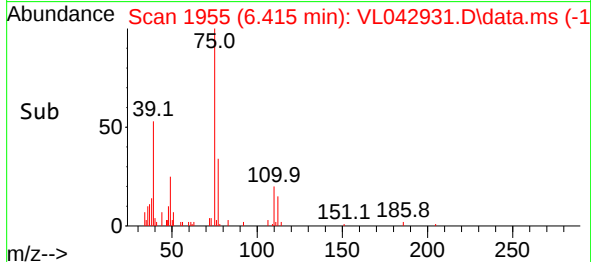
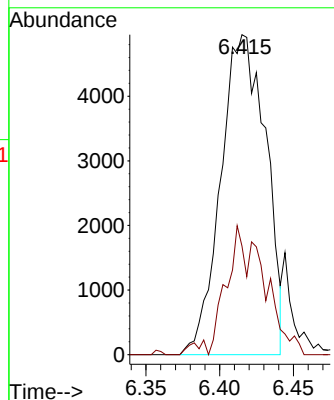
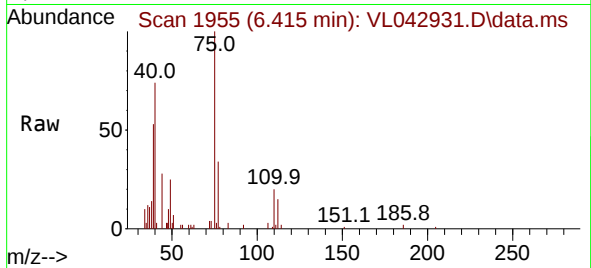




#45
 t-1,3-Dichloropropene
 Concen: 0.825 ppbv
 RT: 6.415 min Scan# 1955
 Delta R.T. -0.007 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

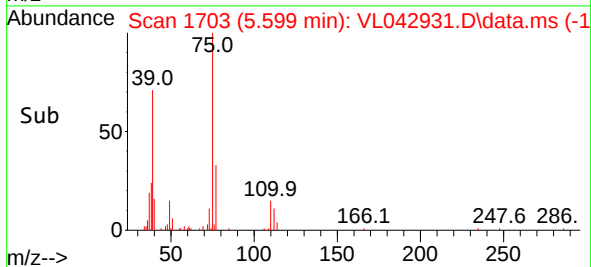
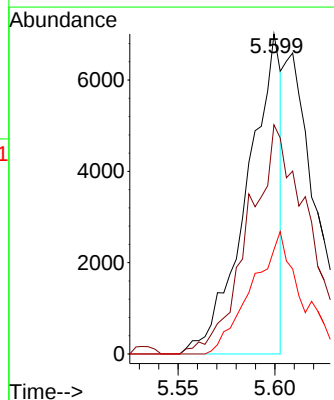
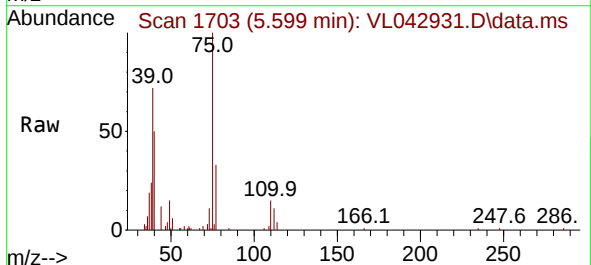
Instrument :
 MSVOA_L
 ClientSampleId :

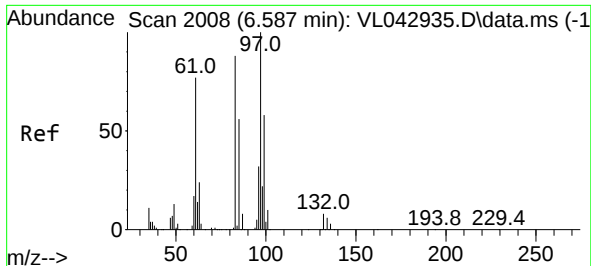
Tgt Ion: 75 Resp: 10513
 Ion Ratio Lower Upper
 75 100
 77 33.9 23.5 35.3



#46
 cis-1,3-Dichloropropene
 Concen: 0.489 ppbv
 RT: 5.599 min Scan# 1703
 Delta R.T. -0.010 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

Tgt Ion: 75 Resp: 8598
 Ion Ratio Lower Upper
 75 100
 39 71.6 49.0 73.4
 77 32.6 26.2 39.2



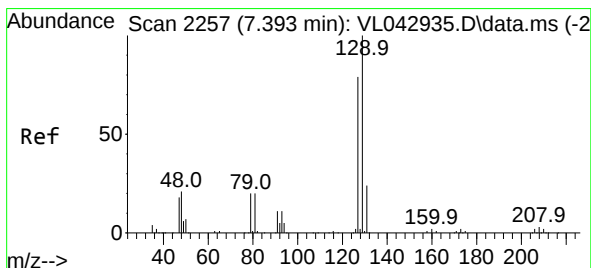
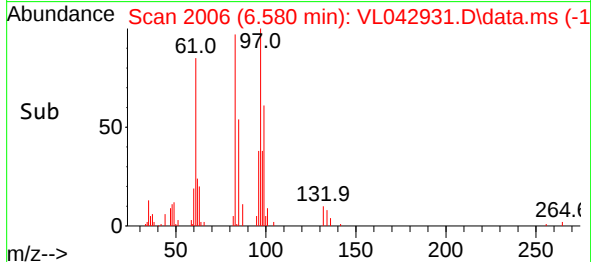
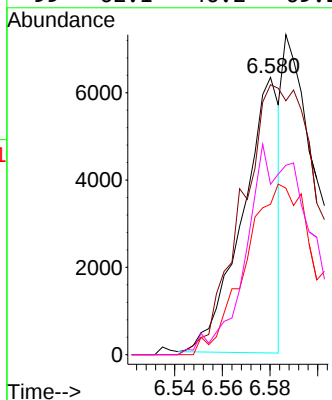
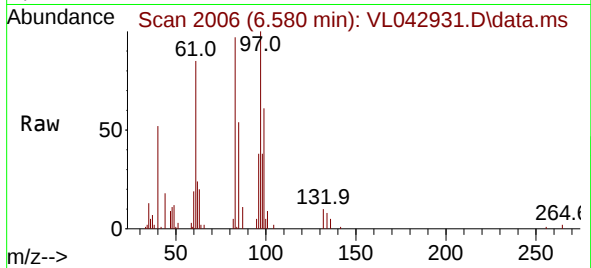


#47
 1,1,2-Trichloroethane
 Concen: 0.455 ppbv
 RT: 6.580 min Scan# 2006
 Delta R.T. -0.007 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 97 Resp: 6775

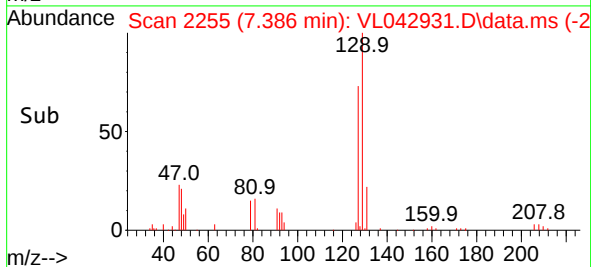
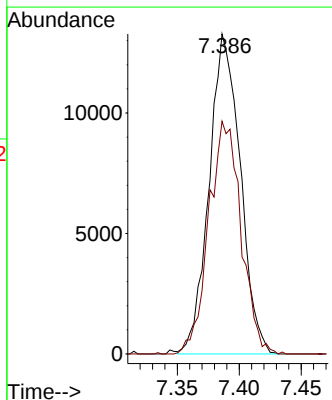
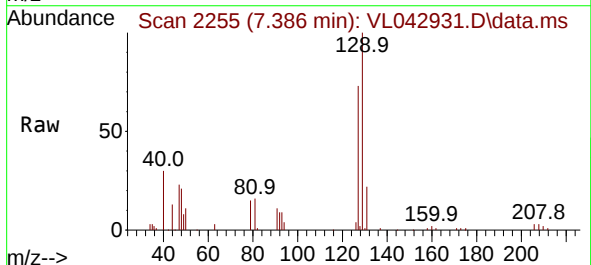
Ion	Ratio	Lower	Upper
97	100		
83	98.5	70.6	106.0
85	54.8	44.9	67.3
99	62.1	46.2	69.2

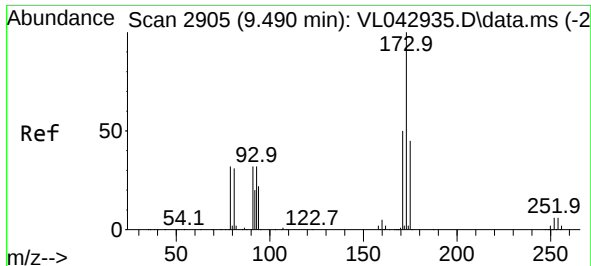


#48
 Dibromochloromethane
 Concen: 0.998 ppbv
 RT: 7.386 min Scan# 2255
 Delta R.T. -0.007 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

Tgt Ion: 129 Resp: 23257

Ion	Ratio	Lower	Upper
129	100		
127	75.4	38.8	116.3

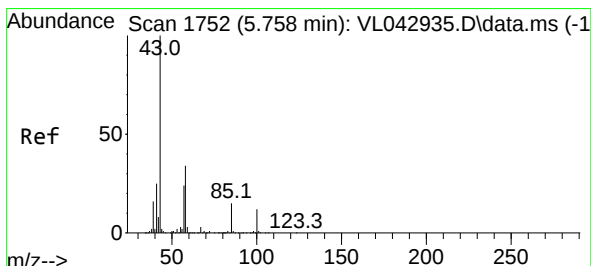
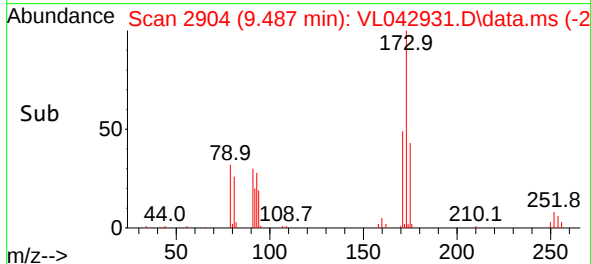
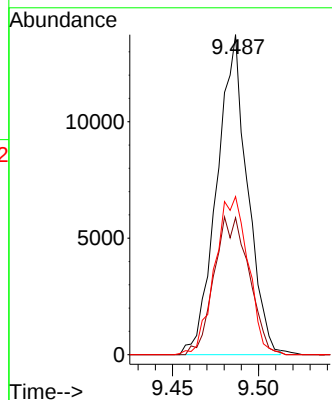
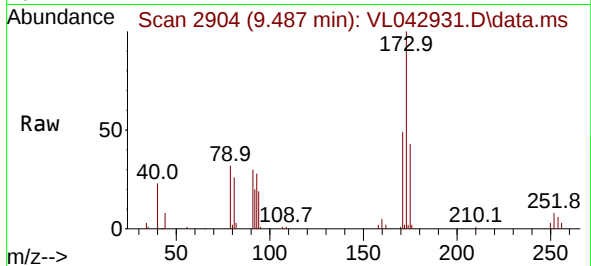




#49
Bromoform
Concen: 0.934 ppbv
RT: 9.487 min Scan# 2904
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

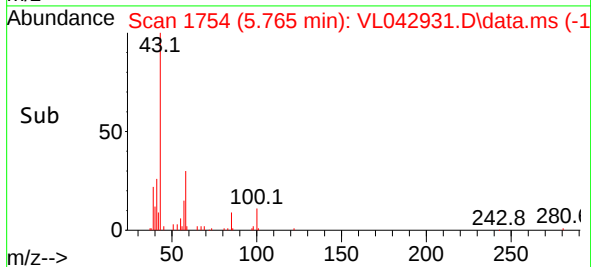
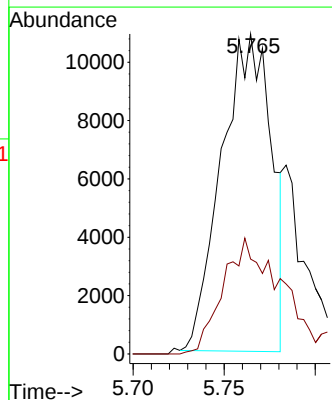
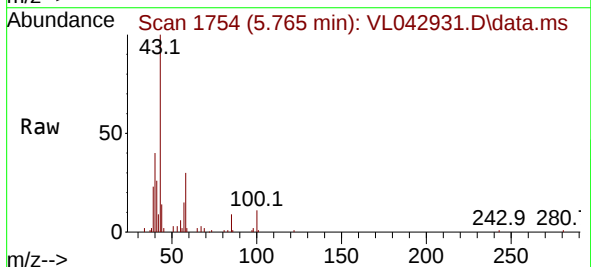
Instrument :
MSVOA_L
ClientSampleId :

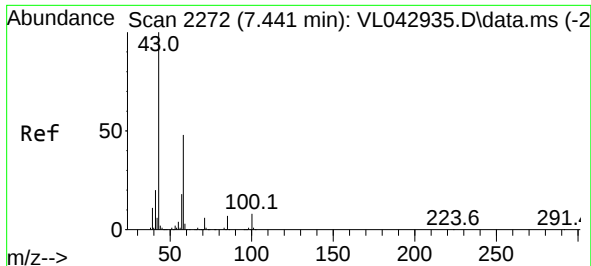
Tgt Ion:173 Resp: 16990
Ion Ratio Lower Upper
173 100
175 49.2 38.6 58.0
171 53.9 41.7 62.5



#50
4-Methyl-2-Pentanone
Concen: 0.647 ppbv
RT: 5.765 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 43 Resp: 20687
Ion Ratio Lower Upper
43 100
58 44.5 27.5 41.3#

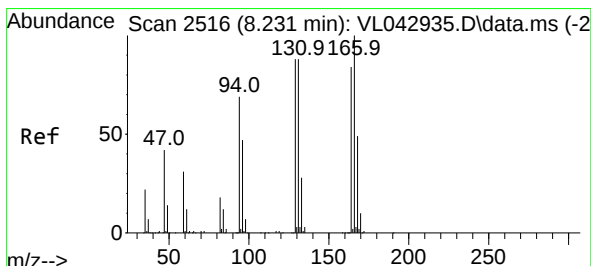
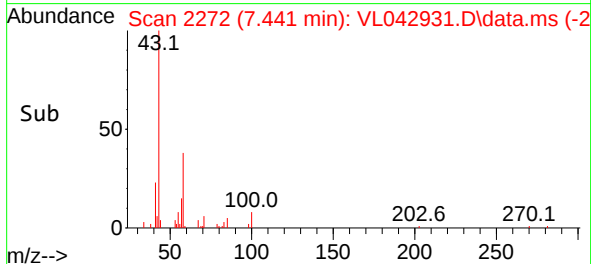
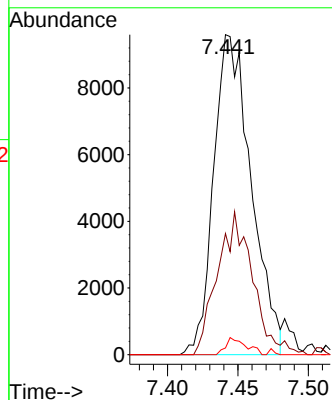
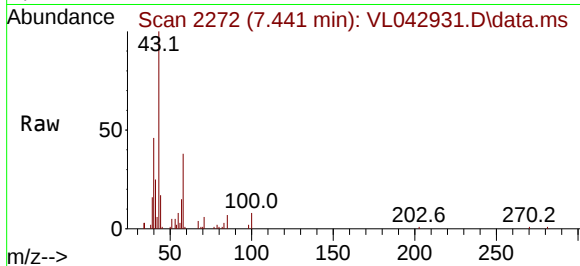




#51
2-Hexanone
Concen: 0.755 ppbv
RT: 7.441 min Scan# 211
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

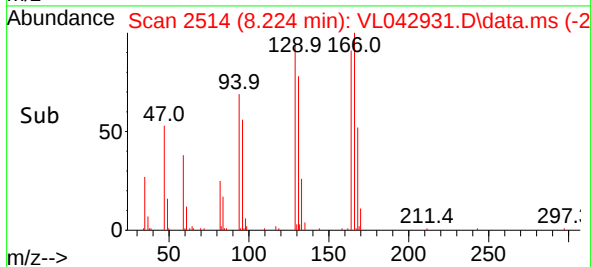
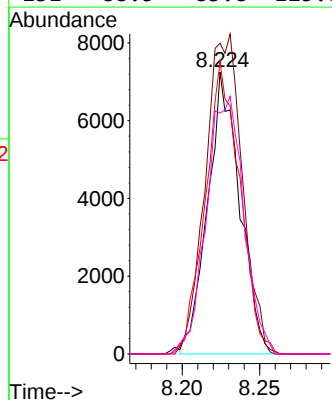
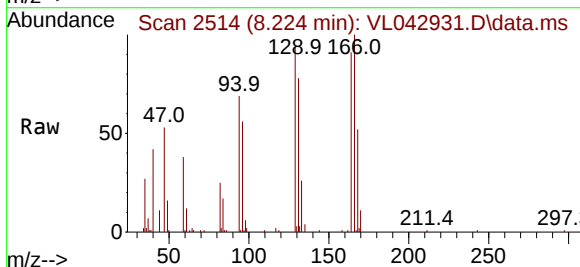
Instrument :
MSVOA_L
ClientSampleId :

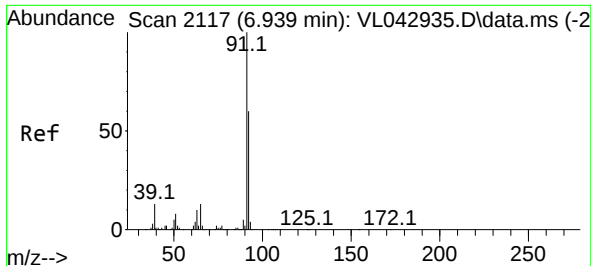
Tgt Ion: 43 Resp: 17772
Ion Ratio Lower Upper
43 100
58 42.4 37.9 56.9
98 3.1 0.7 1.1#



#52
Tetrachloroethene
Concen: 0.935 ppbv
RT: 8.224 min Scan# 2514
Delta R.T. -0.007 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion:164 Resp: 10494
Ion Ratio Lower Upper
164 100
166 110.3 95.4 143.0
129 103.5 84.0 126.0
131 88.5 83.8 125.8

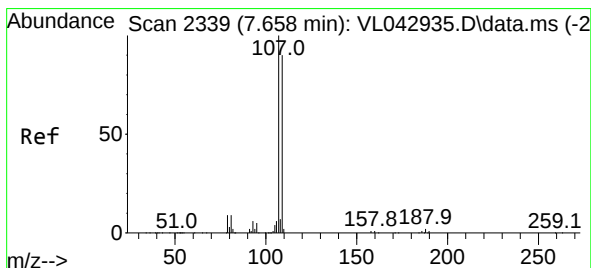
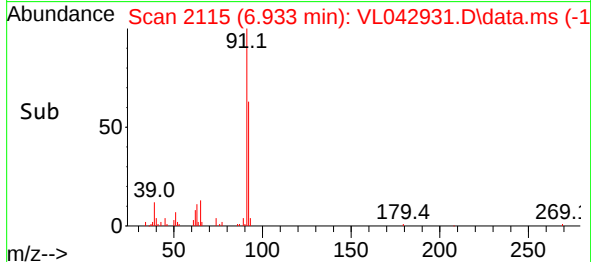
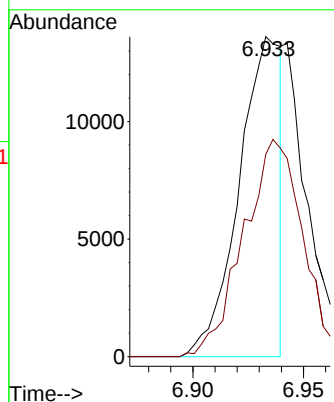
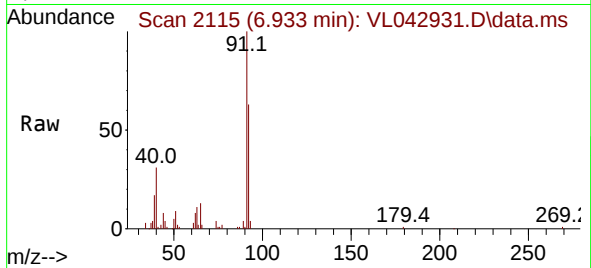




#53
Toluene
Concen: 0.532 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. -0.007 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

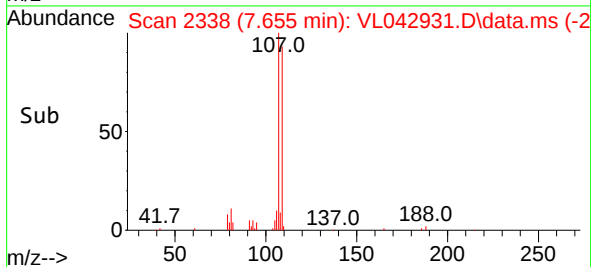
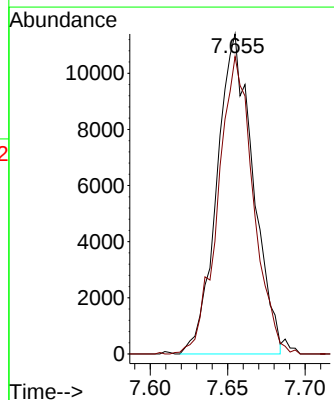
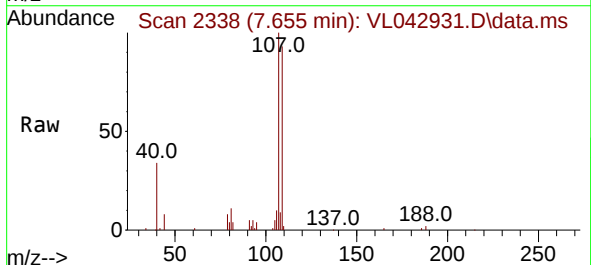
Instrument :
MSVOA_L
ClientSampleId :

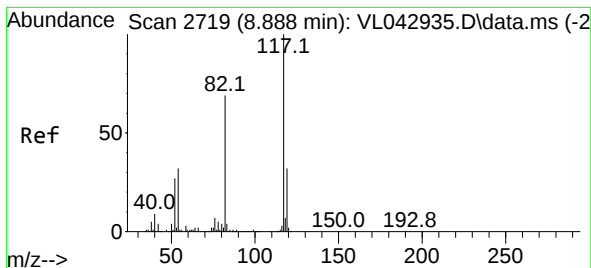
Tgt Ion: 91 Resp: 17913
Ion Ratio Lower Upper
91 100
92 96.7 47.4 71.2#



#54
1,2-Dibromoethane
Concen: 0.968 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 107 Resp: 18521
Ion Ratio Lower Upper
107 100
109 92.4 71.8 107.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.881 min Scan# 2719

Delta R.T. -0.007 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

ClientSampleId :

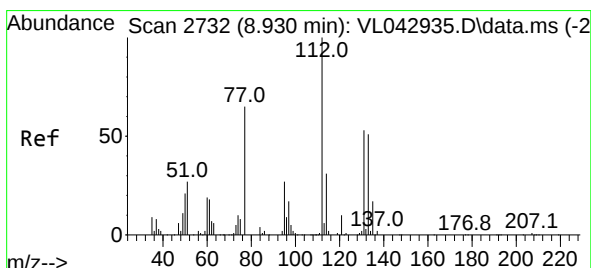
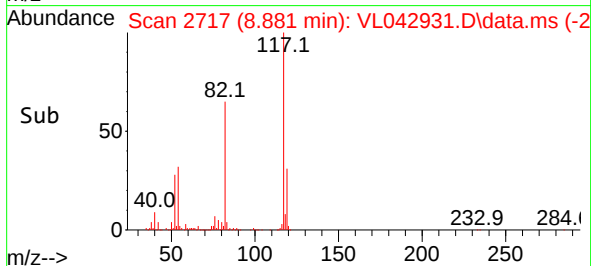
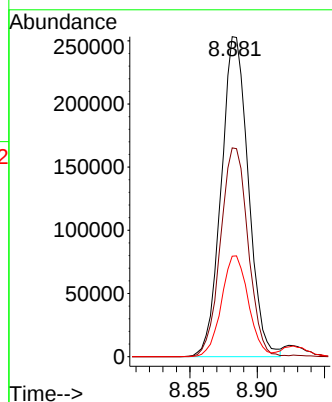
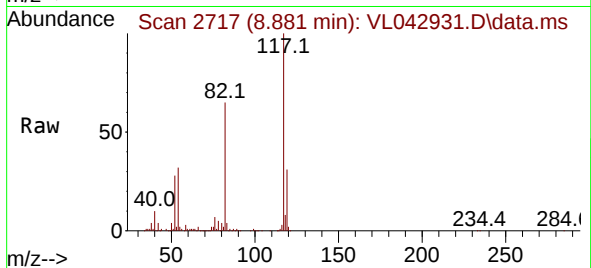
Tgt Ion:117 Resp: 354619

Ion Ratio Lower Upper

117 100

82 66.6 56.1 84.1

119 31.7 25.8 38.8



#56

1,1,1,2-Tetrachloroethane

Concen: 1.006 ppbv

RT: 8.927 min Scan# 2731

Delta R.T. -0.003 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

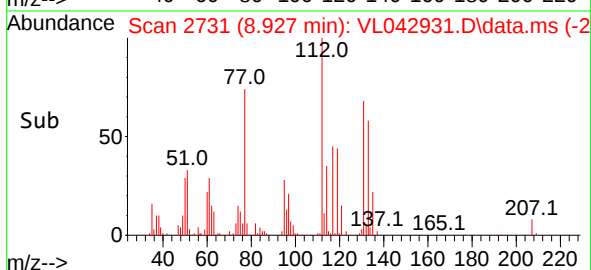
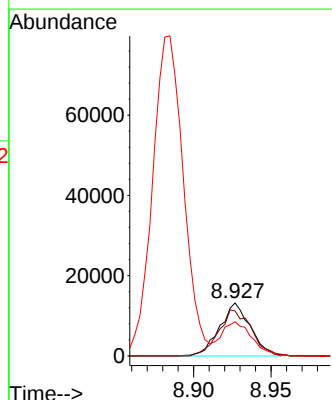
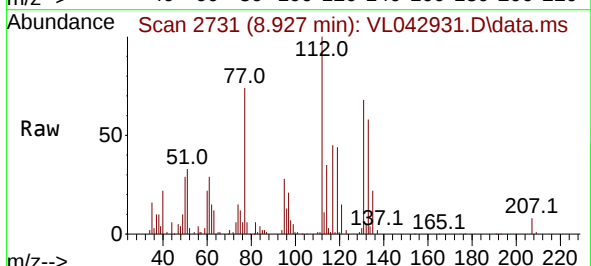
Tgt Ion:131 Resp: 18170

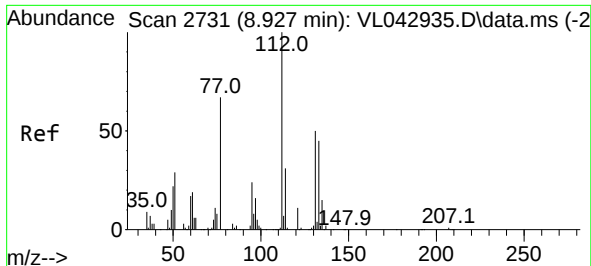
Ion Ratio Lower Upper

131 100

133 92.9 76.1 114.1

119 675.0 53.4 80.2#

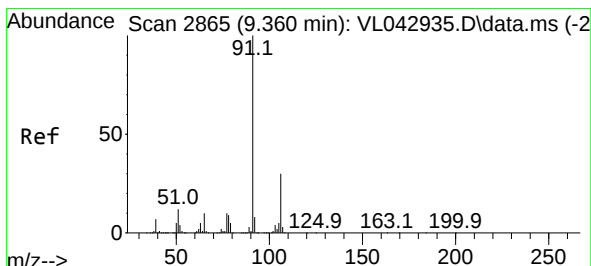
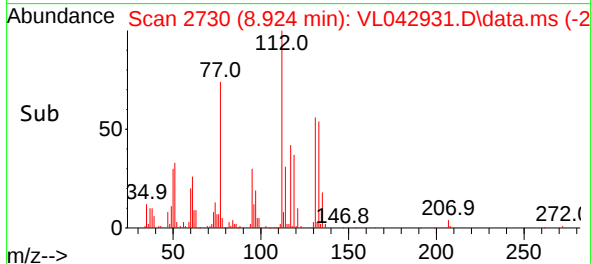
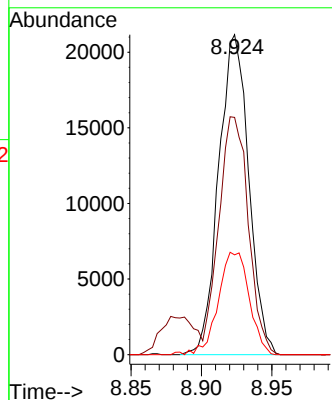
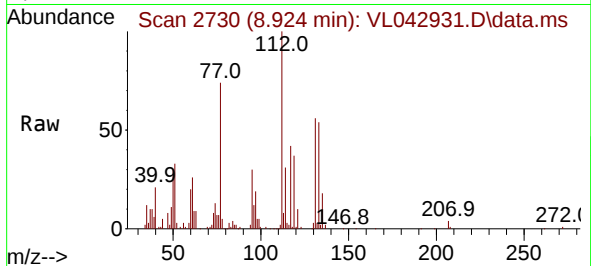




#57
Chlorobenzene
Concen: 0.958 ppbv
RT: 8.924 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

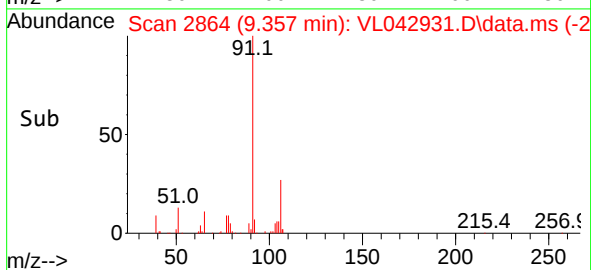
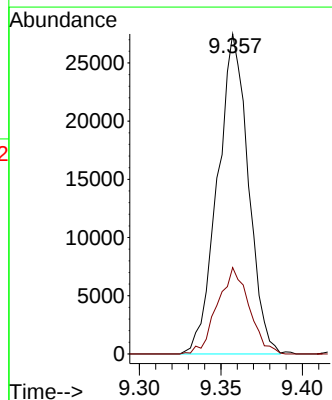
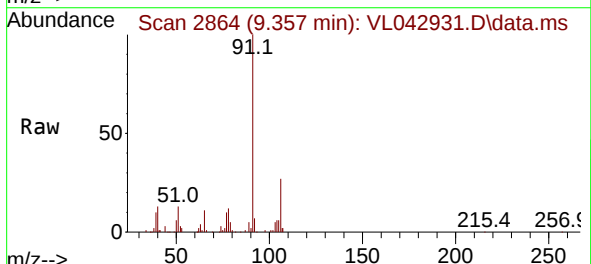
Instrument :
MSVOA_L
ClientSampleId :

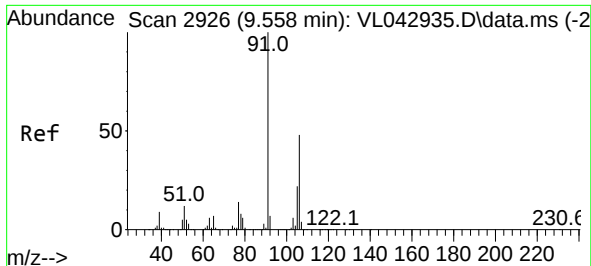
Tgt Ion:112 Resp: 31407
Ion Ratio Lower Upper
112 100
77 74.2 54.8 82.2
114 31.2 28.2 34.4



#58
Ethyl Benzene
Concen: 0.789 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 91 Resp: 36048
Ion Ratio Lower Upper
91 100
106 27.0 24.2 36.4





#59

m/p-Xylene

Concen: 1.005 ppbv

RT: 9.551 min Scan# 2924

Delta R.T. -0.007 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

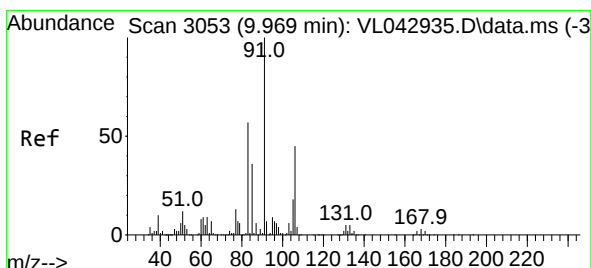
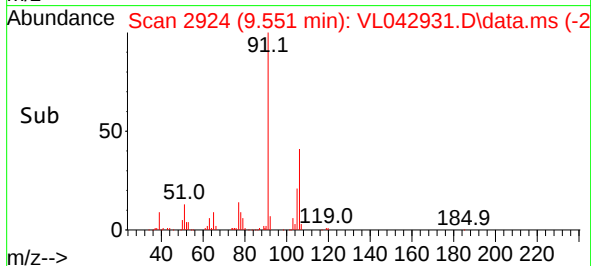
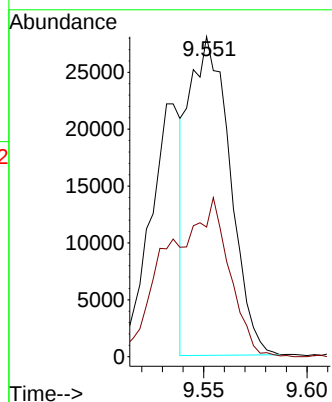
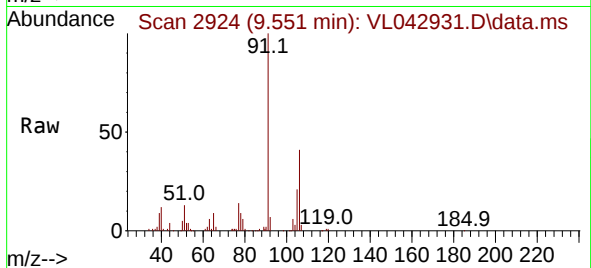
ClientSampleId :

Tgt Ion: 91 Resp: 38822

Ion Ratio Lower Upper

91 100

106 75.1 37.4 56.0#



#60

o-Xylene

Concen: 0.780 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. -0.003 min

Lab File: VL042931.D

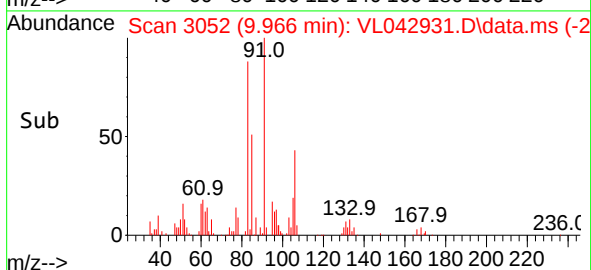
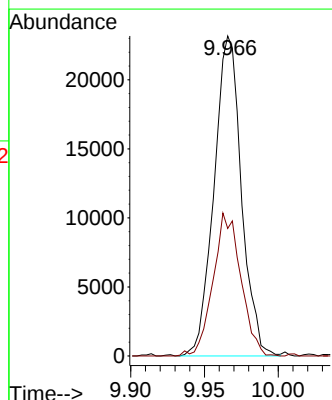
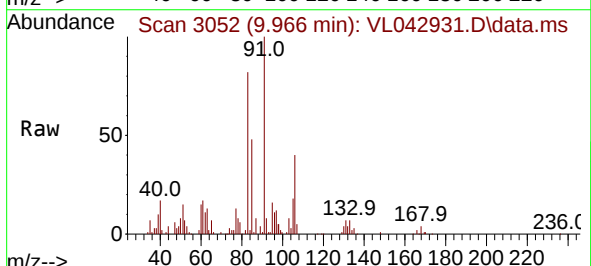
Acq: 17 Sep 2025 11:23

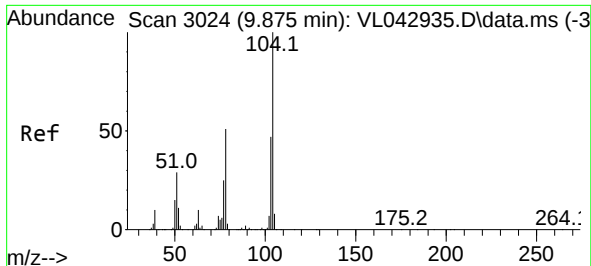
Tgt Ion: 91 Resp: 29945

Ion Ratio Lower Upper

91 100

106 45.3 22.1 66.5

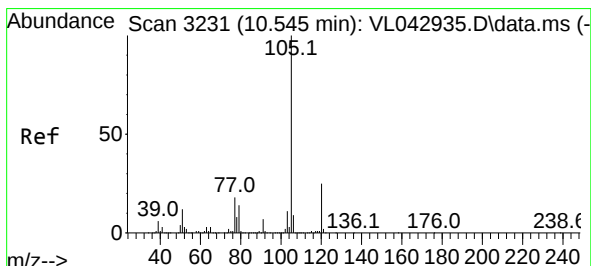
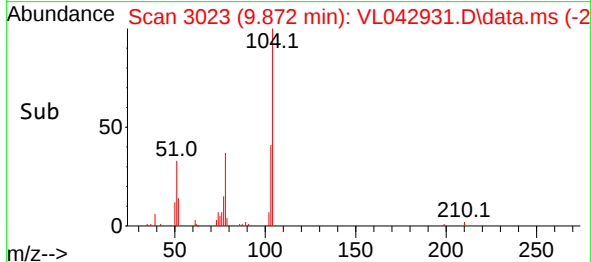
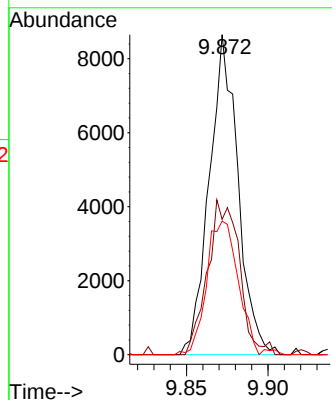
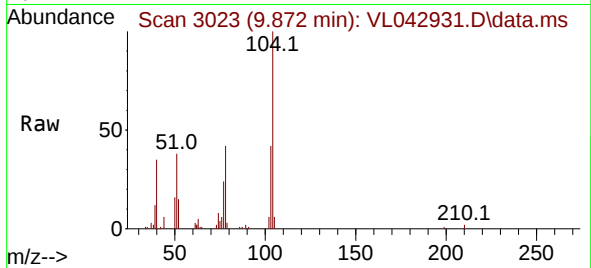




#61
Styrene
Concen: 1.046 ppbv
RT: 9.872 min Scan# 3024
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

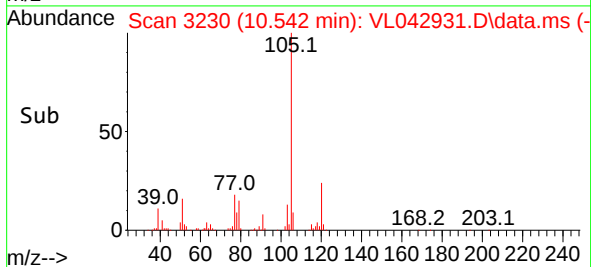
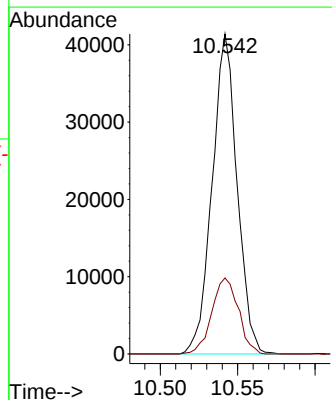
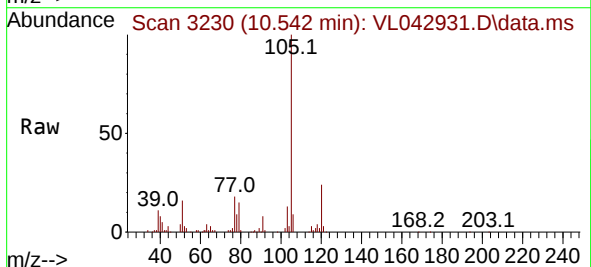
Instrument :
MSVOA_L
ClientSampleId :

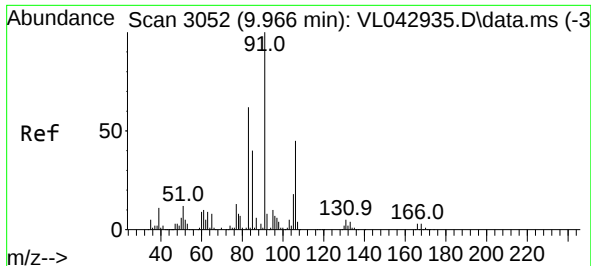
Tgt Ion:104 Resp: 10595
Ion Ratio Lower Upper
104 100
78 54.0 40.2 60.2
103 46.4 36.8 55.2



#62
Isopropylbenzene
Concen: 0.829 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion:105 Resp: 46332
Ion Ratio Lower Upper
105 100
120 25.3 20.0 30.0

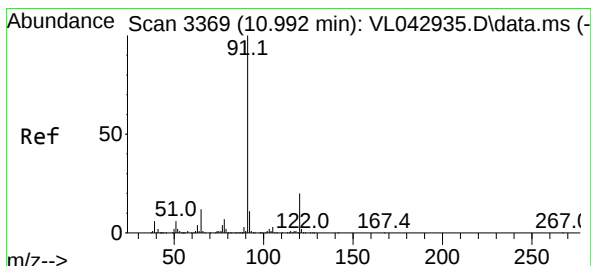
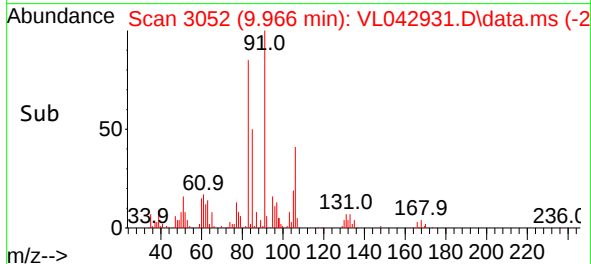
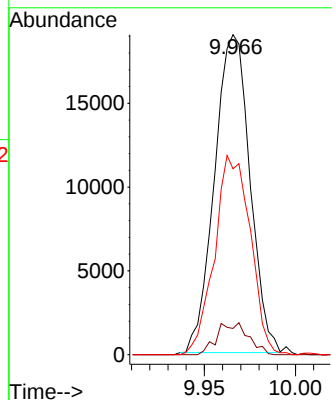
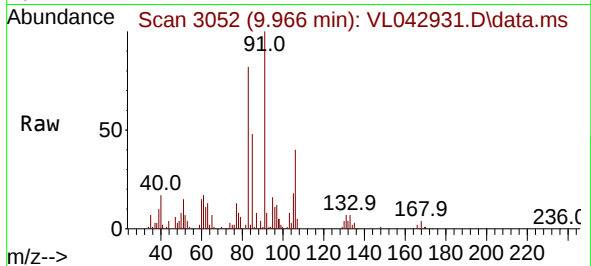




#63
1,1,2,2-Tetrachloroethane
Concen: 0.925 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

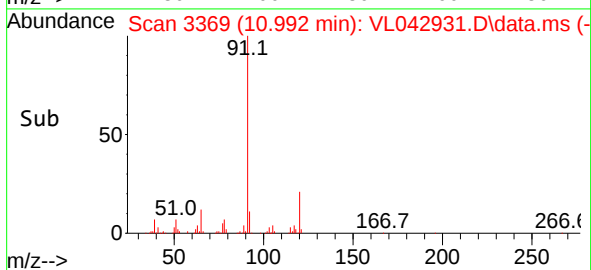
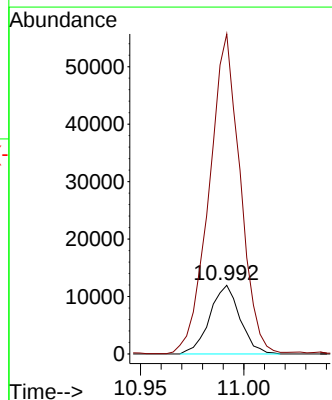
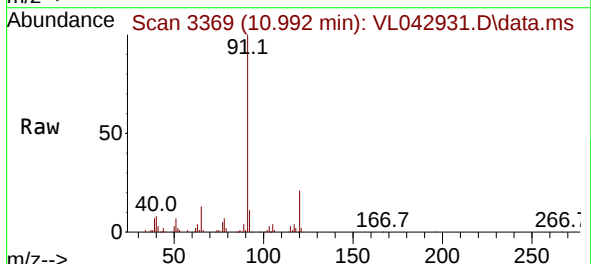
Instrument :
MSVOA_L
ClientSampleId :

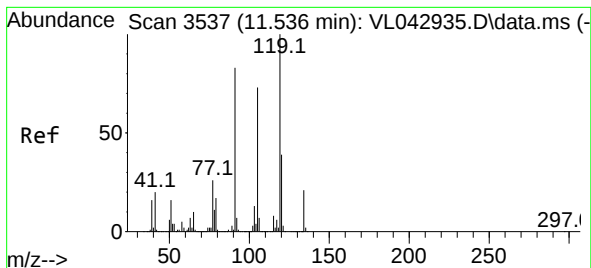
Tgt Ion: 83 Resp: 25646
Ion Ratio Lower Upper
83 100
131 8.9 4.2 12.6
85 63.4 32.6 98.0



#64
n-propylbenzene
Concen: 0.838 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 120 Resp: 12151
Ion Ratio Lower Upper
120 100
91 483.7 394.6 591.8

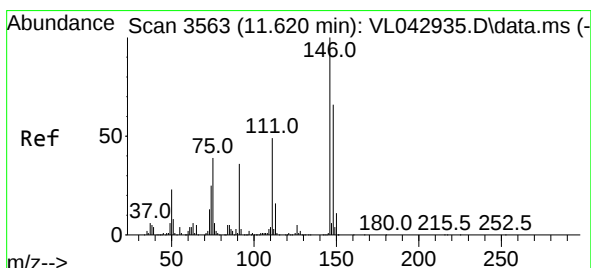
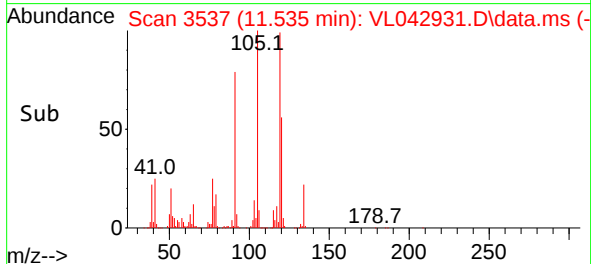
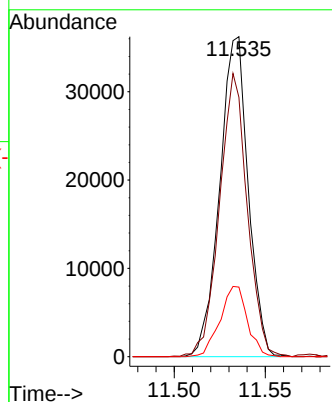
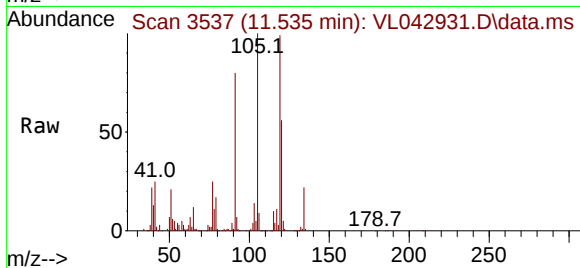




#65
tert-Butylbenzene
Concen: 0.825 ppbv
RT: 11.535 min Scan# 3537
Delta R.T. -0.000 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

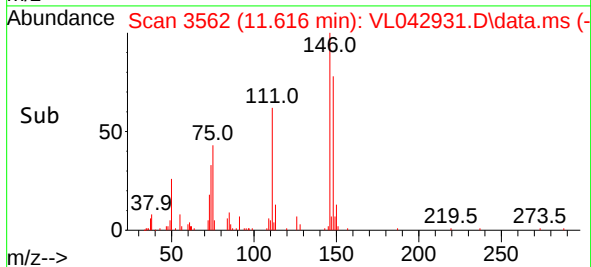
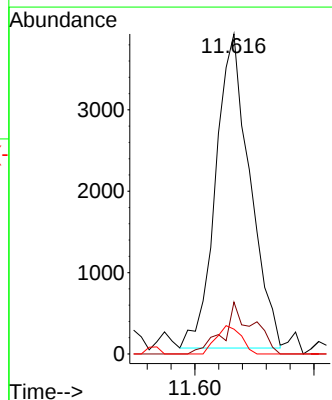
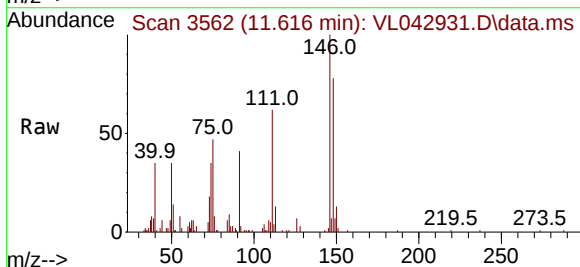
Instrument :
MSVOA_L
ClientSampleId :

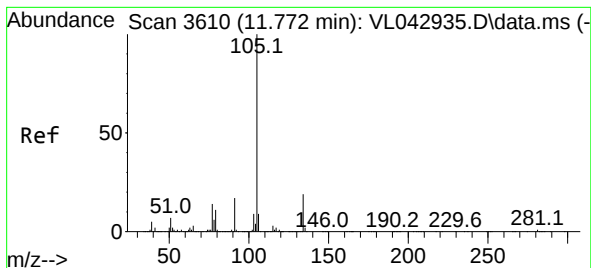
Tgt Ion:119 Resp: 39439
Ion Ratio Lower Upper
119 100
91 86.6 66.0 99.0
134 21.1 16.8 25.2



#66
Benzyl Chloride
Concen: 0.867 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. -0.004 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 91 Resp: 3848
Ion Ratio Lower Upper
91 100
126 14.3 13.9 20.9
128 6.5 4.9 7.3





#67

sec-Butylbenzene

Concen: 0.877 ppbv

RT: 11.769 min Scan# 3179

Delta R.T. -0.003 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

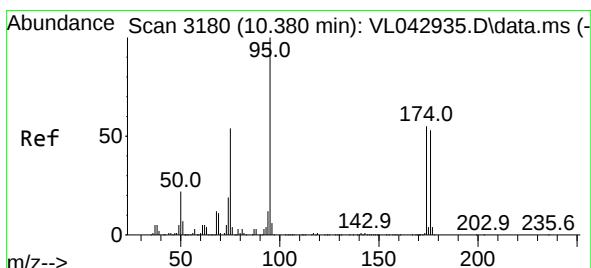
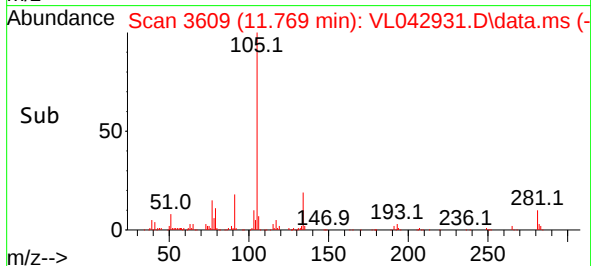
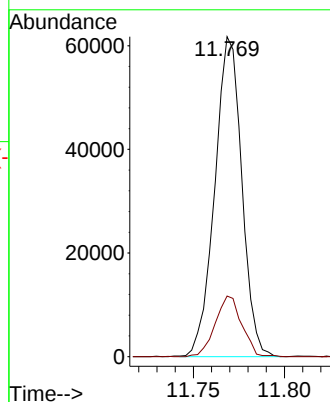
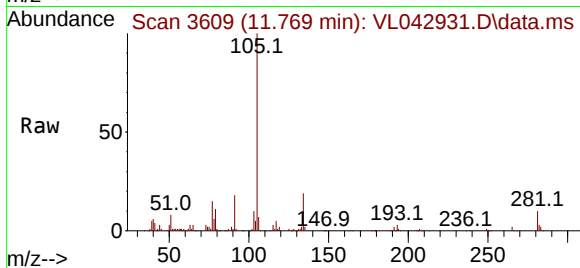
ClientSampleId :

Tgt Ion:105 Resp: 63758

Ion Ratio Lower Upper

105 100

134 18.6 14.3 21.5



#68

1-Bromo-4-Fluorobenzene

Concen: 10.003 ppbv

RT: 10.377 min Scan# 3179

Delta R.T. -0.003 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

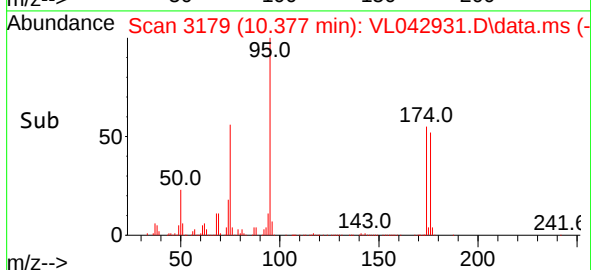
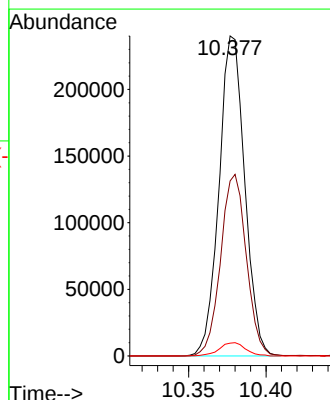
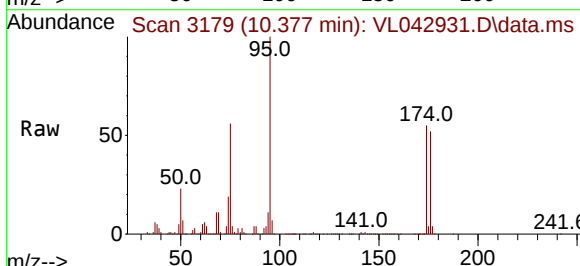
Tgt Ion: 95 Resp: 277264

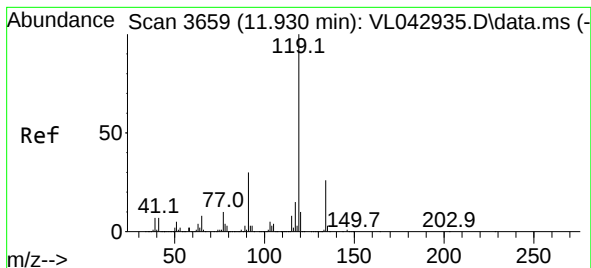
Ion Ratio Lower Upper

95 100

174 57.0 44.9 67.3

175 4.3 3.3 4.9





#69

p-Isopropyltoluene

Concen: 0.812 ppbv

RT: 11.927 min Scan# 3658

Delta R.T. -0.003 min

Lab File: VL042931.D

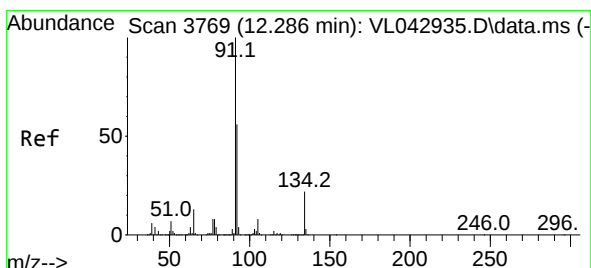
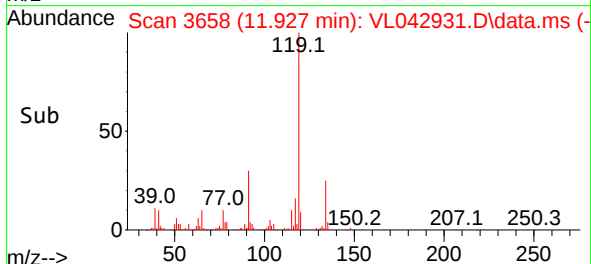
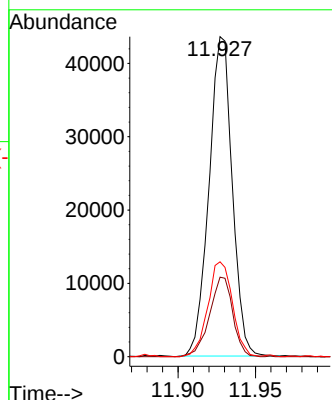
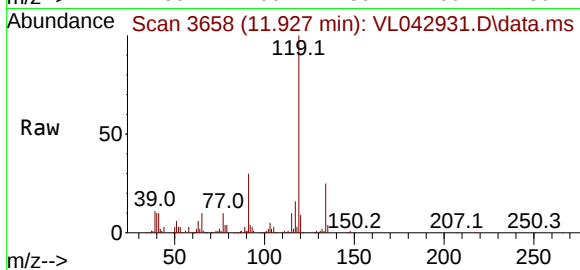
Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	45477
Ion	Ratio	Lower	Upper
119	100		
134	24.9	20.5	30.7
91	31.7	23.2	34.8



#70

n-Butylbenzene

Concen: 0.899 ppbv

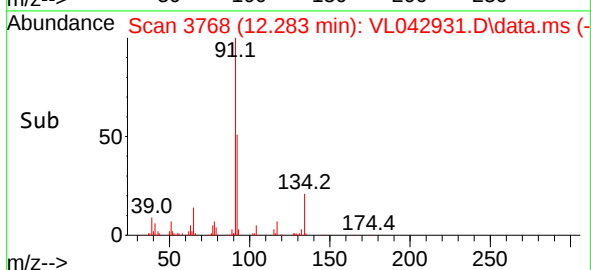
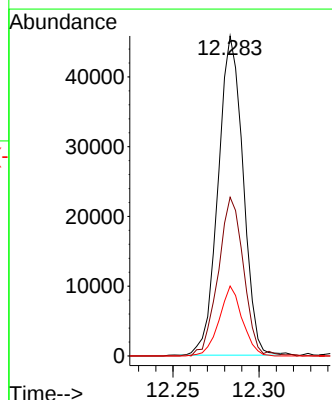
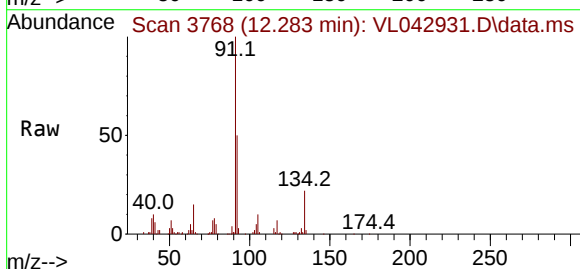
RT: 12.283 min Scan# 3768

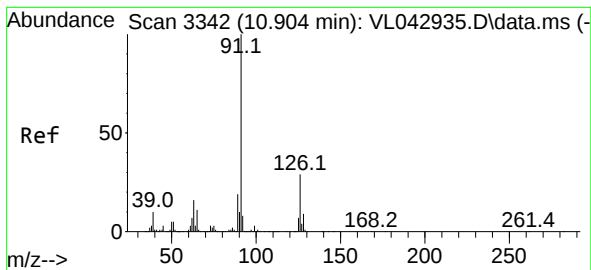
Delta R.T. -0.003 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Tgt Ion:	91	Resp:	46106
Ion	Ratio	Lower	Upper
91	100		
92	50.9	43.8	65.8
134	20.4	17.3	25.9

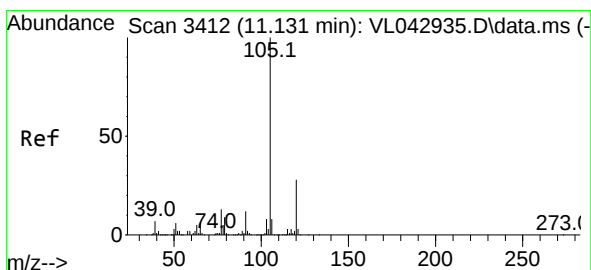
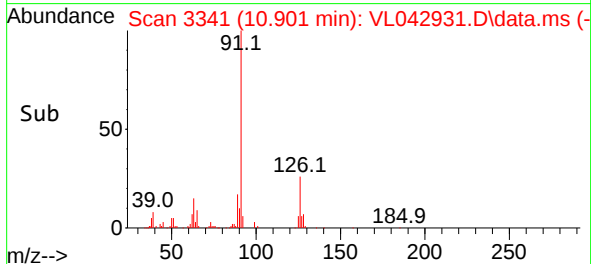
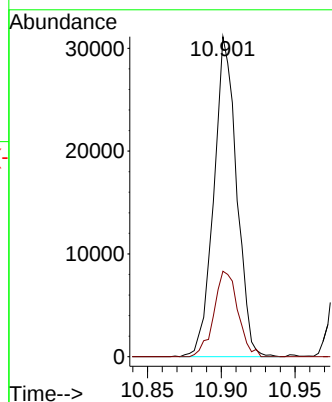
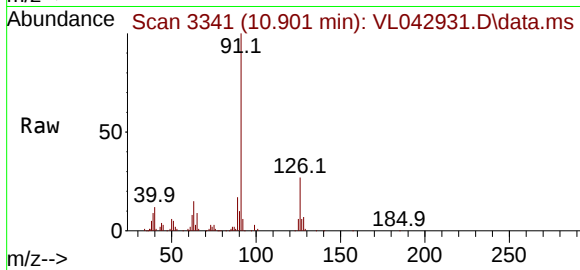




#71
2-Chlorotoluene
Concen: 0.808 ppbv
RT: 10.901 min Scan# 311
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

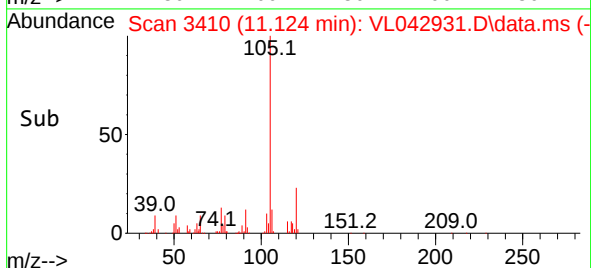
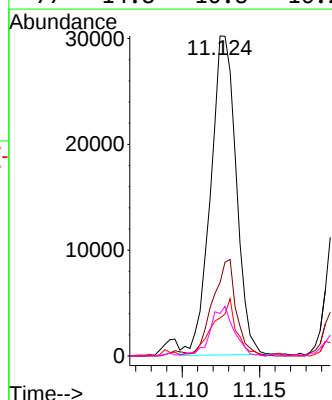
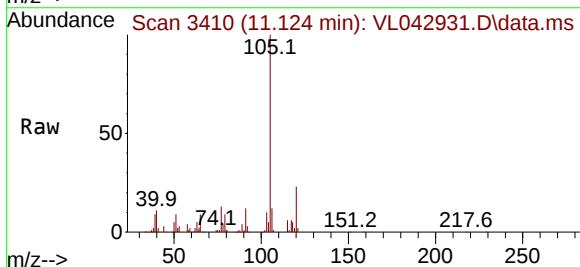
Instrument :
MSVOA_L
ClientSampleId :

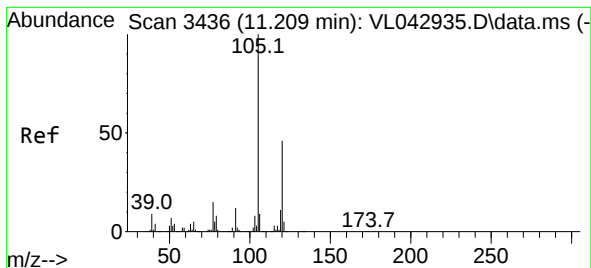
Tgt Ion: 91 Resp: 33505
Ion Ratio Lower Upper
91 100
126 28.0 11.5 45.9



#72
4-Ethyltoluene
Concen: 0.937 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.007 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion: 105 Resp: 34655
Ion Ratio Lower Upper
105 100
120 28.7 23.1 34.7
91 17.1 10.4 15.6#
77 14.8 10.8 16.2





#73

1,3,5-Trimethylbenzene

Concen: 0.810 ppbv

RT: 11.202 min Scan# 3436

Delta R.T. -0.007 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

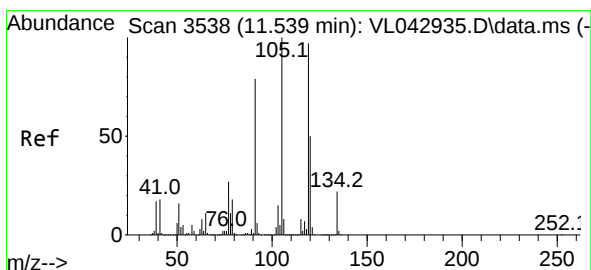
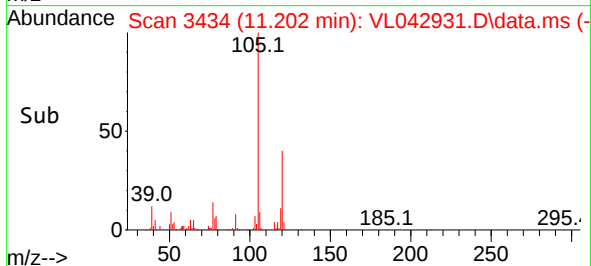
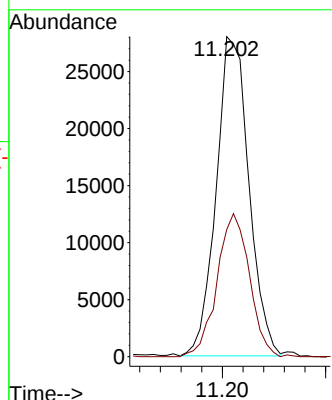
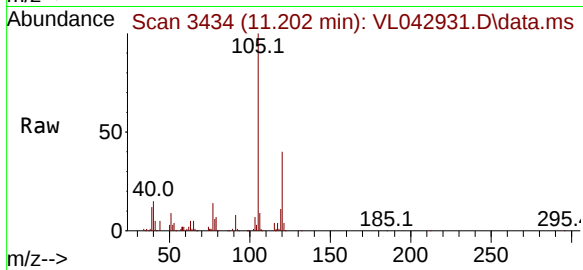
ClientSampleId :

Tgt Ion:105 Resp: 30778

Ion Ratio Lower Upper

105 100

120 39.9 37.0 55.6



#74

1,2,4-Trimethylbenzene

Concen: 0.853 ppbv

RT: 11.535 min Scan# 3537

Delta R.T. -0.003 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Tgt Ion:105 Resp: 38075

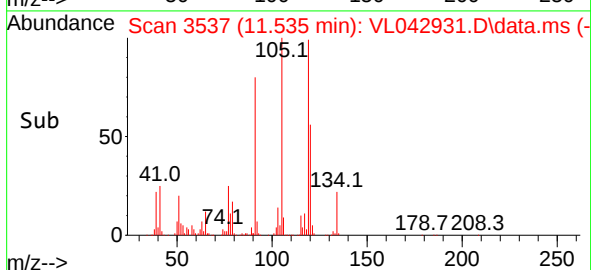
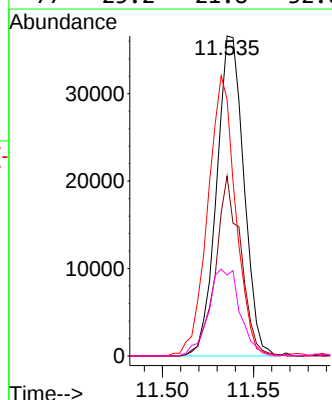
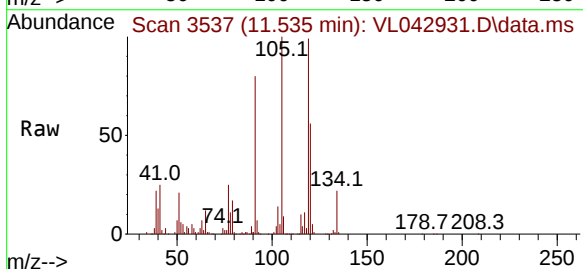
Ion Ratio Lower Upper

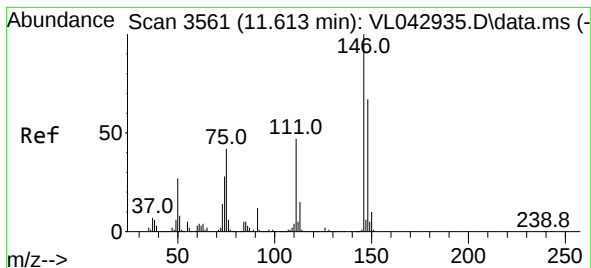
105 100

120 56.2 39.8 59.6

91 80.2 63.1 94.7

77 25.2 21.8 32.6





#75

1,3-Dichlorobenzene

Concen: 0.895 ppbv

RT: 11.607 min Scan# 3559

Delta R.T. -0.007 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

ClientSampleId :

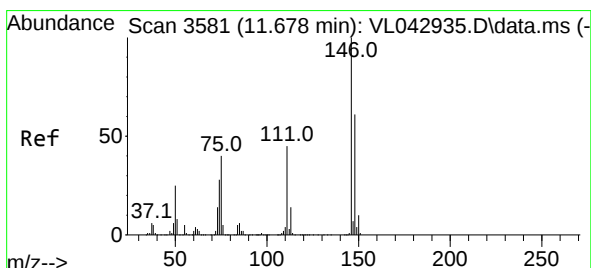
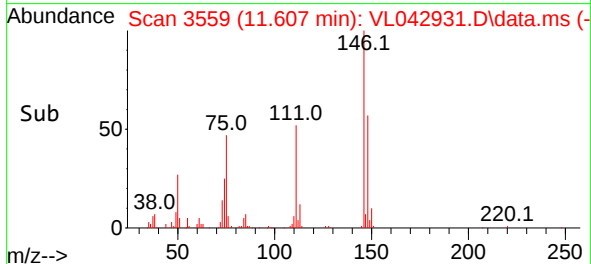
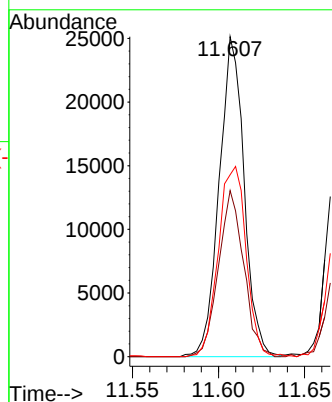
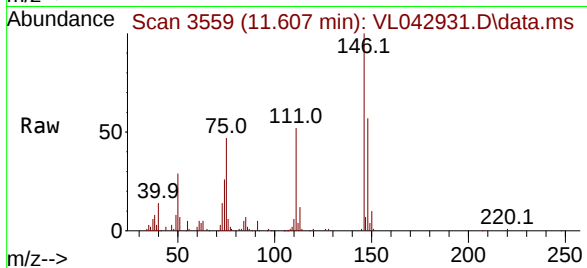
Tgt Ion:146 Resp: 25315

Ion Ratio Lower Upper

146 100

111 52.6 24.1 72.2

148 66.2 31.8 95.3



#76

1,4-Dichlorobenzene

Concen: 0.879 ppbv

RT: 11.675 min Scan# 3580

Delta R.T. -0.003 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

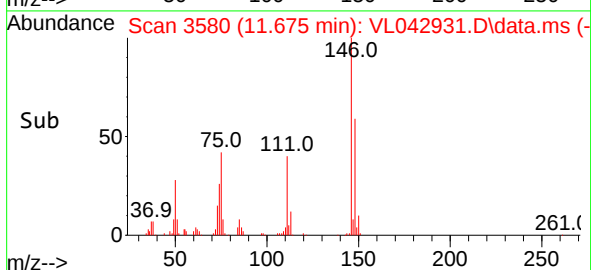
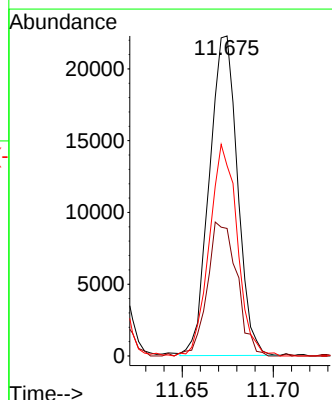
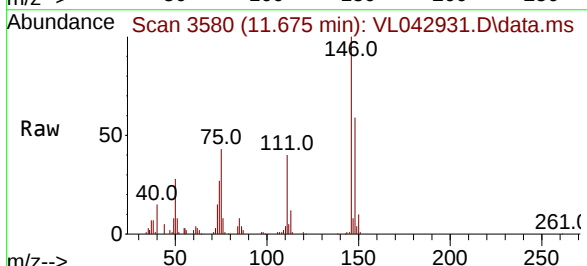
Tgt Ion:146 Resp: 23918

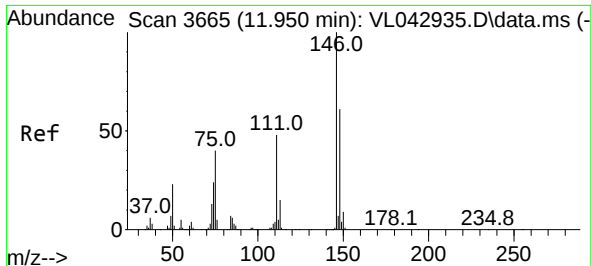
Ion Ratio Lower Upper

146 100

111 44.2 23.0 69.0

148 65.6 31.8 95.4

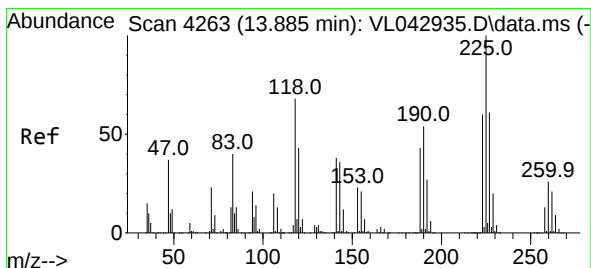
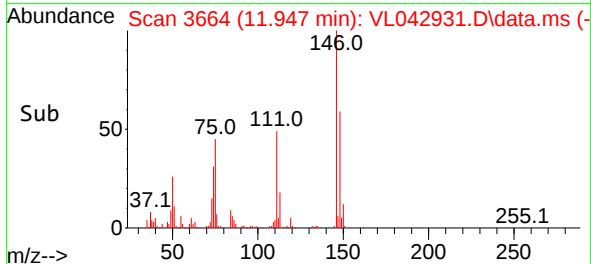
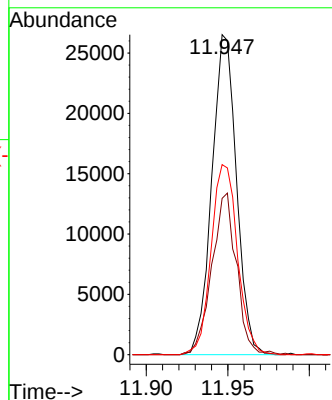
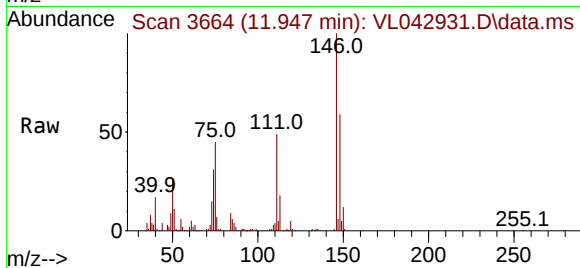




#77
1,2-Dichlorobenzene
Concen: 0.976 ppbv
RT: 11.947 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

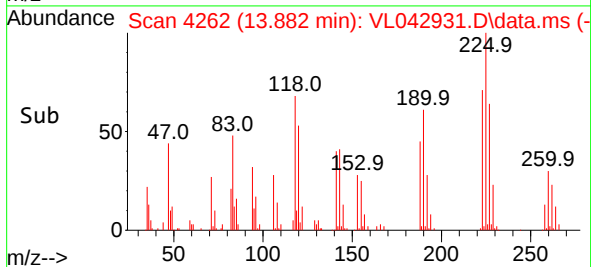
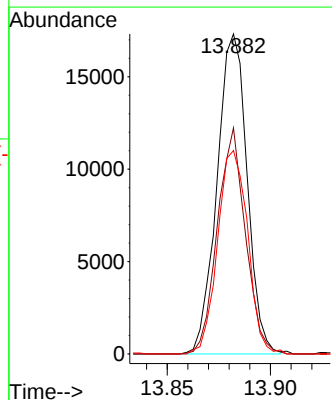
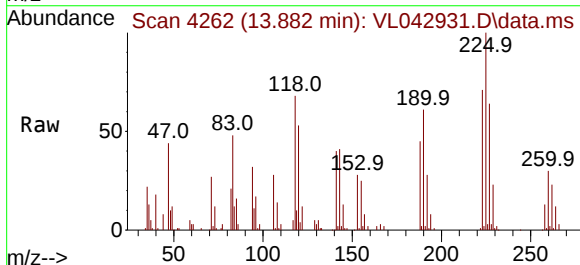
Instrument :
MSVOA_L
ClientSampleId :

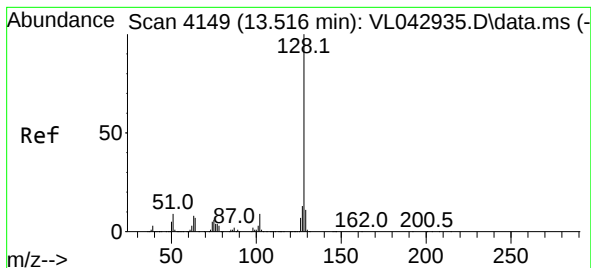
Tgt Ion:146 Resp: 27862
Ion Ratio Lower Upper
146 100
111 50.5 24.6 73.8
148 63.6 31.4 94.2



#78
Hexachloro-1,3-Butadiene
Concen: 0.964 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.003 min
Lab File: VL042931.D
Acq: 17 Sep 2025 11:23

Tgt Ion:225 Resp: 17581
Ion Ratio Lower Upper
225 100
223 65.7 50.6 76.0
227 63.5 50.5 75.7





#79

Naphthalene

Concen: 0.809 ppbv

RT: 13.513 min Scan# 4149

Delta R.T. -0.003 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

Instrument :

MSVOA_L

ClientSampleId :

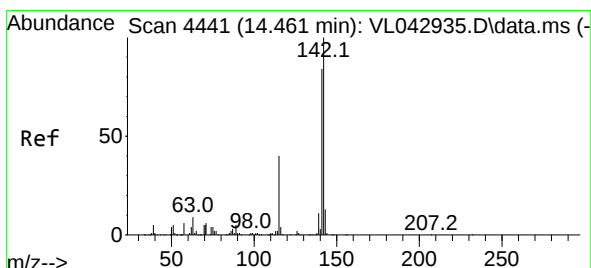
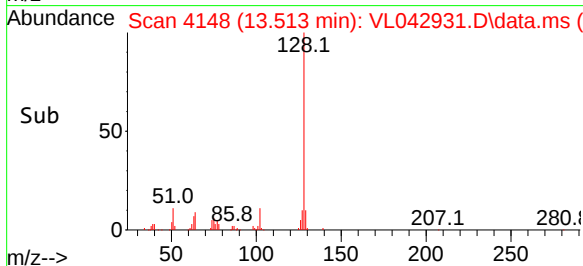
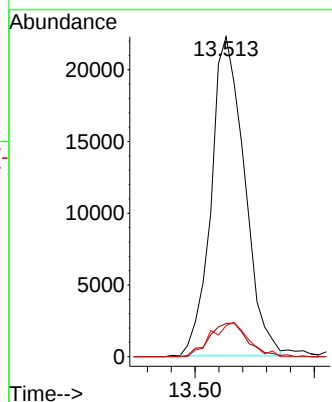
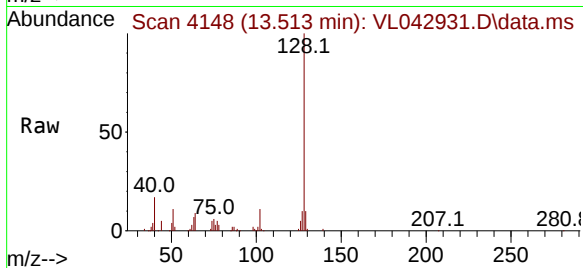
Tgt Ion:128 Resp: 21593

Ion Ratio Lower Upper

128 100

127 10.4 10.3 15.5

129 9.8 8.7 13.1



#80

Naphthalene, 2-methyl-

Concen: 1.103 ppbv

RT: 14.461 min Scan# 4441

Delta R.T. 0.000 min

Lab File: VL042931.D

Acq: 17 Sep 2025 11:23

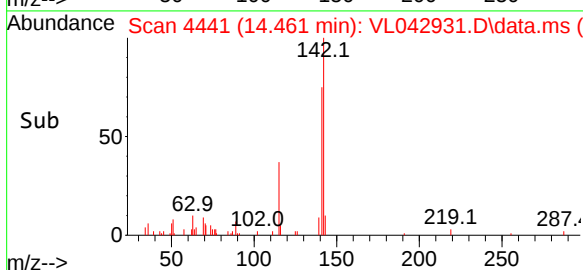
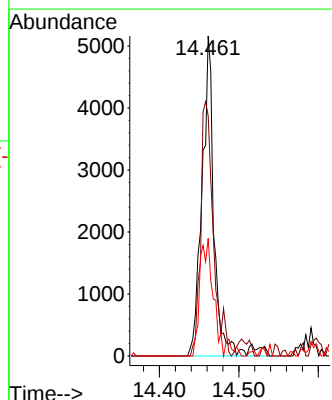
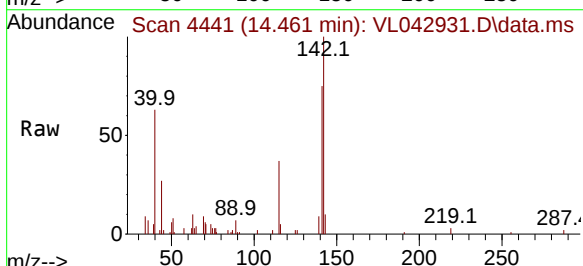
Tgt Ion:142 Resp: 5523

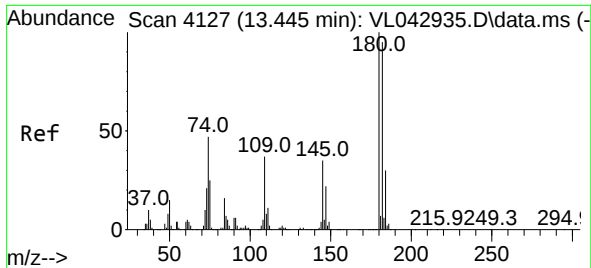
Ion Ratio Lower Upper

142 100

141 89.5 67.0 100.6

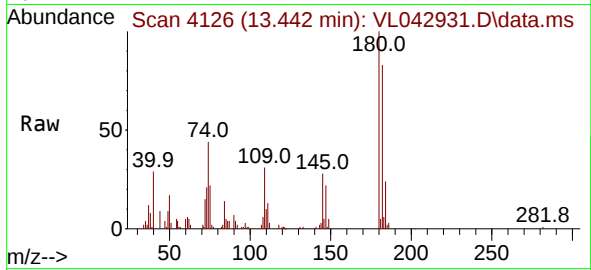
115 42.8 32.0 48.0





#81
 1,2,4-Trichlorobenzene
 Concen: 0.977 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042931.D
 Acq: 17 Sep 2025 11:23

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 12986
 Ion Ratio Lower Upper
 180 100
 182 90.8 75.5 113.3
 184 33.6 24.6 37.0

