

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041839.D
 Acq On : 07 Jan 2025 09:51
 Operator : SY/MD
 Sample : VSTDIC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 08 00:55:14 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Tue Jan 07 13:48:55 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	100639	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	241263	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	201824	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.393 95 172685 9.990 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	32740	1.983	ppbv	100
3) Chlorodifluoromethane	1.479	51	32152	2.038	ppbv	98
4) Chloromethane	1.537	50	13584	2.000	ppbv	98
5) Vinyl Chloride	1.586	62	12222	1.785	ppbv	91
6) Bromomethane	1.673	94	6017	2.051	ppbv	95
7) Chloroethane	1.709	64	5296	2.009	ppbv	92
8) Dichlorotetrafluoroethane	1.560	85	29417	2.065	ppbv	99
9) Propene	1.489	41	11376	2.071	ppbv	99
10) Heptane	5.007	43	27280	2.010	ppbv	95
11) Trichlorofluoromethane	1.884	101	33615	2.002	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.149	101	25132	2.010	ppbv	99
13) Ethanol	1.728	45	1379	2.207	ppbv	79
14) Bromoethene	1.787	108	8576	2.095	ppbv #	92
15) Acetone	1.842	43	40213	2.170	ppbv	99
16) 1,3-Butadiene	1.615	39	14169	1.950	ppbv	100
17) tert-Butyl alcohol	2.049	59	32475	2.023	ppbv	98
18) 1,1-Dichloroethene	2.042	96	10673	2.039	ppbv	86
19) Isopropyl Alcohol	1.894	45	17352	1.995	ppbv #	1
20) Methylene Chloride	2.068	84	10459	1.975	ppbv #	93
21) Allyl Chloride	2.104	41	19269	2.019	ppbv	96
22) trans-1,2-Dichloroethene	2.350	96	12050	2.059	ppbv	95
23) Vinyl Acetate	2.470	43	12341	2.077	ppbv #	95
24) 1,1-Dichloroethane	2.418	63	26237	2.049	ppbv	100
25) Ethyl Acetate	2.852	43	65149	2.097	ppbv	100
26) Hexane	2.839	57	21758	2.018	ppbv	89
27) Carbon Disulfide	2.159	76	19626	1.918	ppbv #	59
28) Methyl tert-Butyl Ether	2.450	73	15614	1.921	ppbv	97
29) Chloroform	2.861	83	40969	2.045	ppbv	98
30) Cyclohexane	3.874	84	16235	1.984	ppbv	97
31) cis-1,2-Dichloroethene	2.732	61	22729	2.048	ppbv	98
32) 1,1,1-Trichloroethane	3.382	97	34505	1.901	ppbv	98
34) 2-Butanone	2.570	43	38624	2.032	ppbv	99
35) Carbon Tetrachloride	3.780	117	34059	1.868	ppbv	97
36) Benzene	3.674	78	46253	2.007	ppbv	98
37) 1,2-Dichloroethane	3.233	62	30190	1.993	ppbv	100
38) Trichloroethene	4.570	130	17434	1.930	ppbv #	91
39) 1,2-Dichloropropane	4.337	63	17446	1.957	ppbv	96
40) 1,4-Dioxane	4.612	88	2070	0.599	ppbv #	1
41) Tetrahydrofuran	3.075	42	16912	1.888	ppbv	100
42) Bromodichloromethane	4.515	83	34494	1.941	ppbv	94
43) Methyl Methacrylate	4.907	69	13160	1.818	ppbv	96
44) 2,2,4-Trimethylpentane	4.661	57	78928	2.078	ppbv	97
45) t-1,3-Dichloropropene	6.451	75	4282	0.606	ppbv	93

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

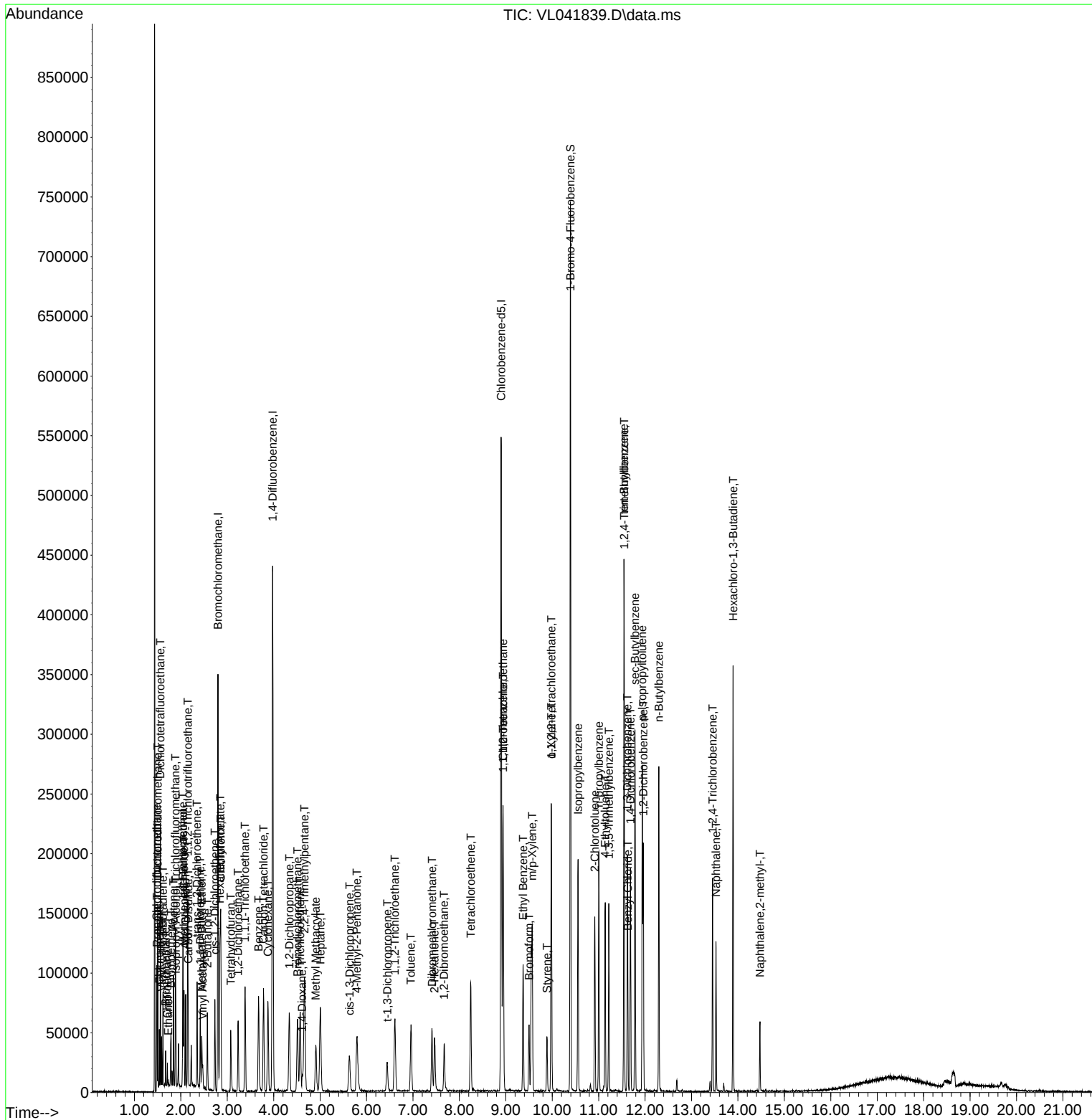
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 ClientSampleId :

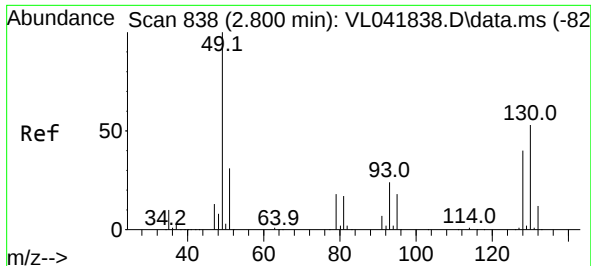
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 07 13:48:55 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.638	75	16720	1.799	ppbv #	86
47) 1,1,2-Trichloroethane	6.609	97	18220	1.932	ppbv	91
48) Dibromochloromethane	7.412	129	23291	1.940	ppbv	96
49) Bromoform	9.500	173	17754	1.846	ppbv	99
50) 4-Methyl-2-Pentanone	5.790	43	19864	0.905	ppbv #	43
51) 2-Hexanone	7.464	43	30631	1.842	ppbv #	96
52) Tetrachloroethene	8.244	164	14518	2.124	ppbv	95
53) Toluene	6.956	91	38482	1.874	ppbv	99
54) 1,2-Dibromoethane	7.671	107	22893	1.983	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.943	131	23388	2.033	ppbv	98
57) Chlorobenzene	8.940	112	41759	1.980	ppbv	97
58) Ethyl Benzene	9.373	91	51733	1.881	ppbv	98
59) m/p-Xylene	9.568	91	58671	2.416	ppbv #	49
60) o-Xylene	9.979	91	49709	2.105	ppbv	98
61) Styrene	9.888	104	15487	1.690	ppbv	99
62) Isopropylbenzene	10.555	105	75283	2.029	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.979	83	40760	1.968	ppbv	99
64) n-propylbenzene	11.005	120	19823	2.082	ppbv	94
65) tert-Butylbenzene	11.545	119	74996	2.243	ppbv	99
66) Benzyl Chloride	11.629	91	4815	1.723	ppbv #	95
67) sec-Butylbenzene	11.781	105	107222	2.198	ppbv	98
69) p-Isopropyltoluene	11.940	119	83161	2.171	ppbv	99
70) n-Butylbenzene	12.296	91	84529	2.197	ppbv	99
71) 2-Chlorotoluene	10.917	91	53695	1.994	ppbv	100
72) 4-Ethyltoluene	11.141	105	58453	2.047	ppbv	98
73) 1,3,5-Trimethylbenzene	11.218	105	51583	2.062	ppbv	99
74) 1,2,4-Trimethylbenzene	11.548	105	65350	2.255	ppbv #	85
75) 1,3-Dichlorobenzene	11.620	146	40038	2.064	ppbv	99
76) 1,4-Dichlorobenzene	11.684	146	38915	2.085	ppbv	97
77) 1,2-Dichlorobenzene	11.963	146	42869	2.121	ppbv	99
78) Hexachloro-1,3-Butadiene	13.895	225	31681	2.208	ppbv	98
79) Naphthalene	13.526	128	52334	2.452	ppbv	99
80) Naphthalene,2-methyl-	14.474	142	15888	2.011	ppbv	99
81) 1,2,4-Trichlorobenzene	13.455	180	26499	2.240	ppbv	99

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
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QLast Update : Tue Jan 07 13:48:55 2025
Response via : Initial Calibration

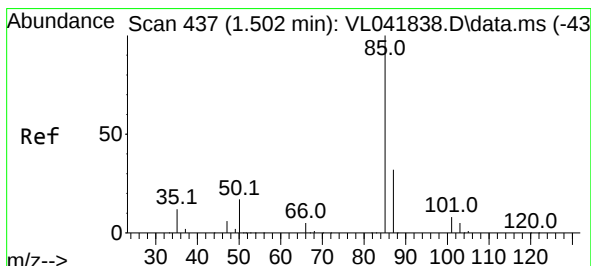
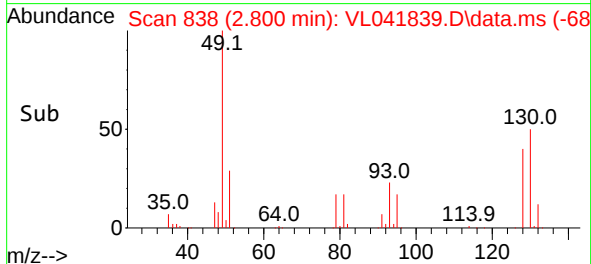
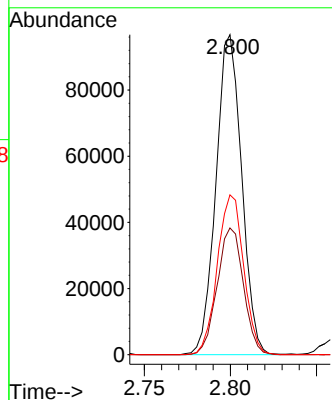
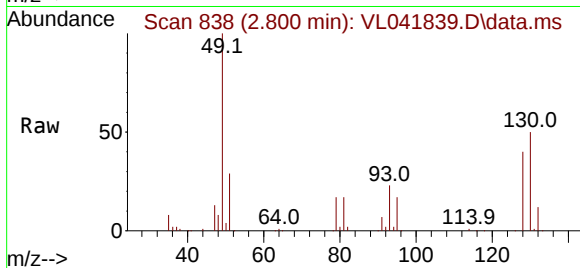




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 838
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

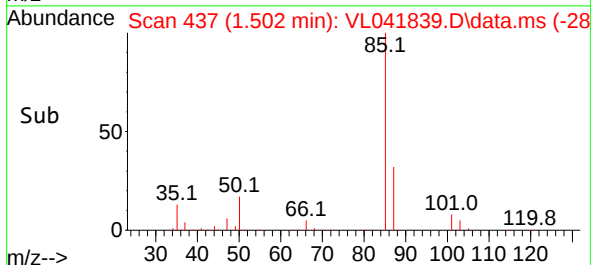
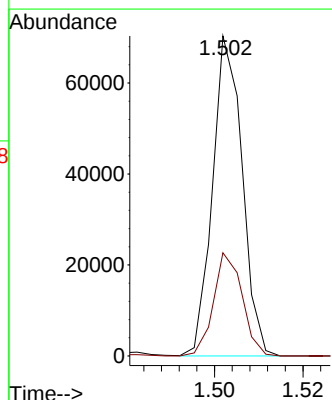
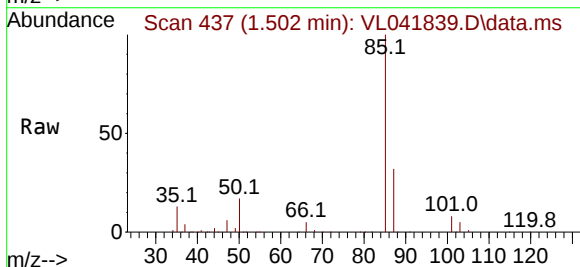
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MSVOA_L
ClientSampleId :

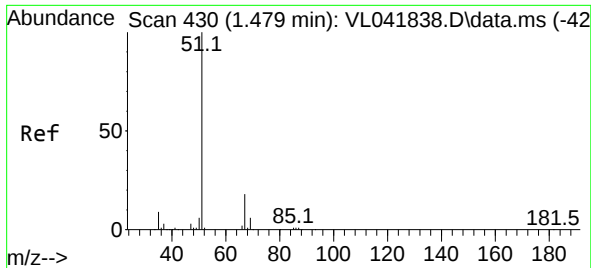
Tgt Ion: 49 Resp: 100639
Ion Ratio Lower Upper
49 100
128 40.3 19.7 59.1
130 51.1 26.4 79.2



#2
Dichlorodifluoromethane
Concen: 1.983 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion: 85 Resp: 32740
Ion Ratio Lower Upper
85 100
87 32.3 25.6 38.4

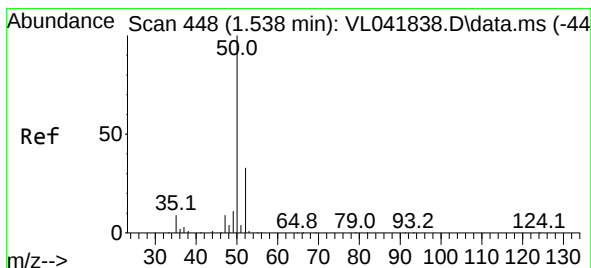
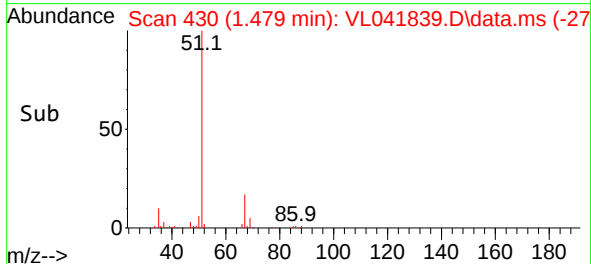
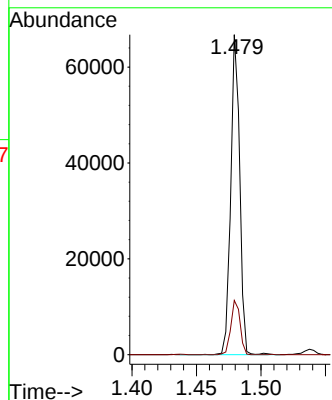
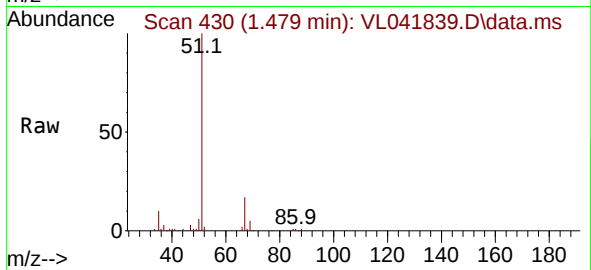




#3
Chlorodifluoromethane
Concen: 2.038 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

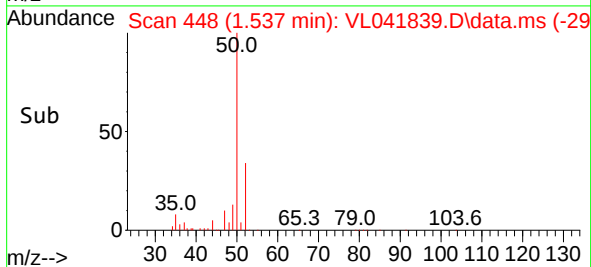
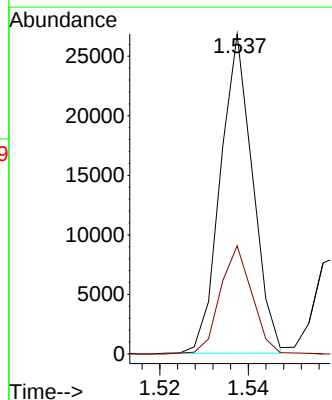
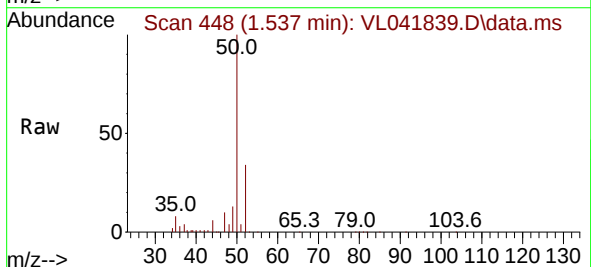
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MSVOA_L
ClientSampleId :

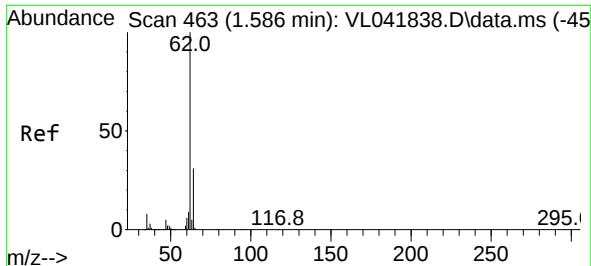
Tgt Ion: 51 Resp: 32152
Ion Ratio Lower Upper
51 100
67 17.4 14.6 22.0



#4
Chloromethane
Concen: 2.000 ppbv
RT: 1.537 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion: 50 Resp: 13584
Ion Ratio Lower Upper
50 100
52 33.6 26.1 39.1

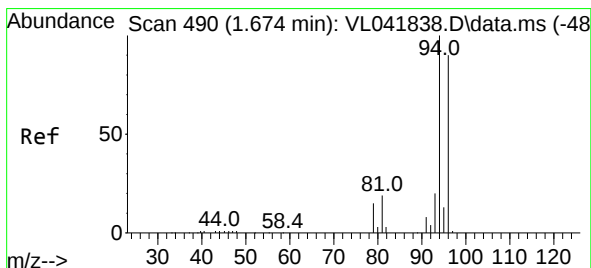
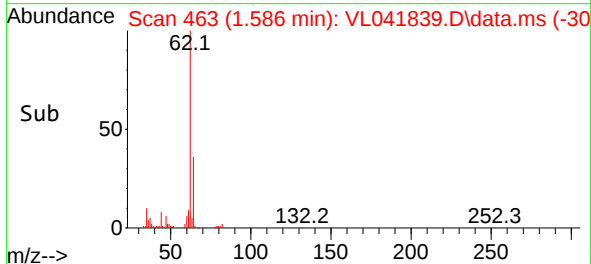
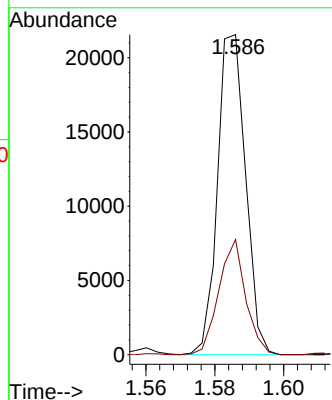
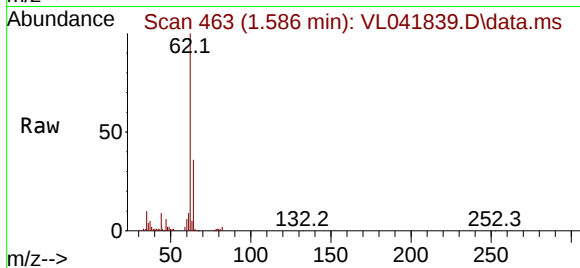




#5
 Vinyl Chloride
 Concen: 1.785 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. -0.000 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

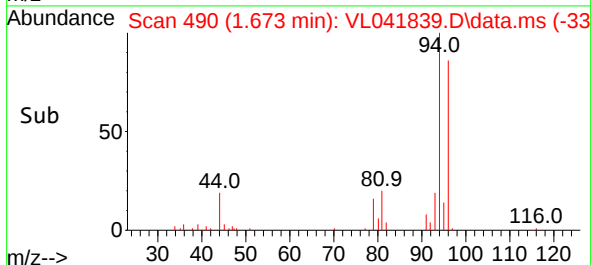
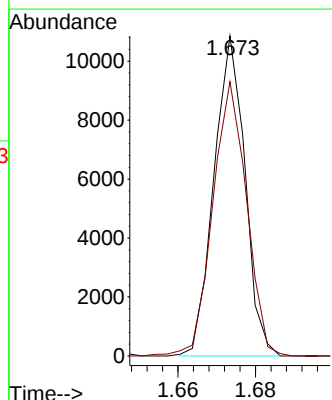
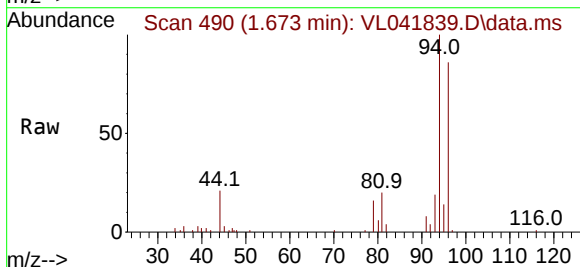
Instrument :
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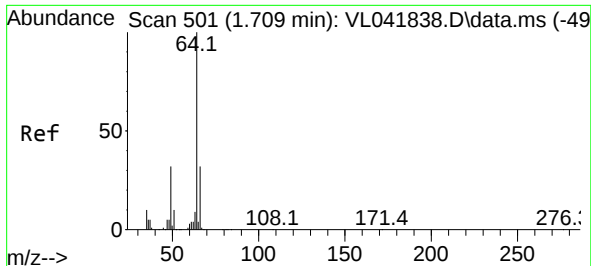
Tgt Ion: 62 Resp: 12222
 Ion Ratio Lower Upper
 62 100
 64 36.0 24.9 37.3



#6
 Bromomethane
 Concen: 2.051 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

Tgt Ion: 94 Resp: 6017
 Ion Ratio Lower Upper
 94 100
 96 85.0 72.0 108.0

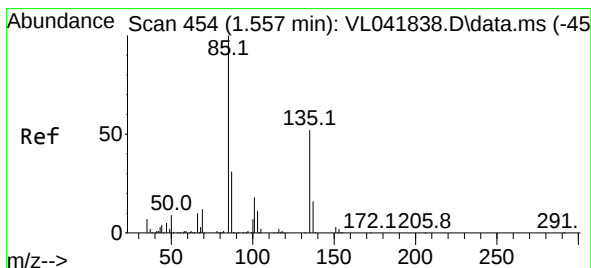
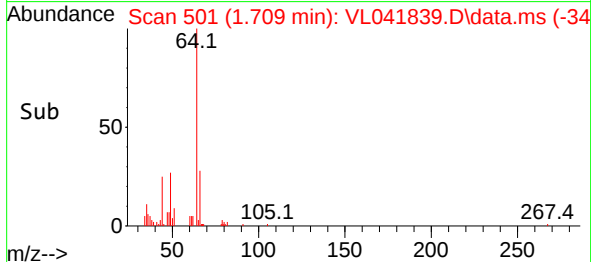
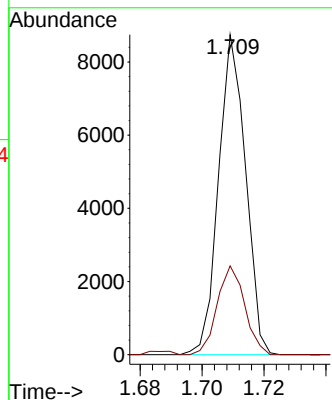
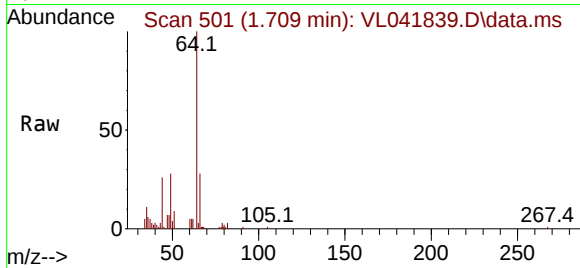




#7
Chloroethane
Concen: 2.009 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

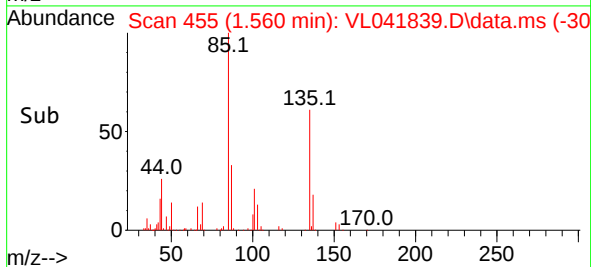
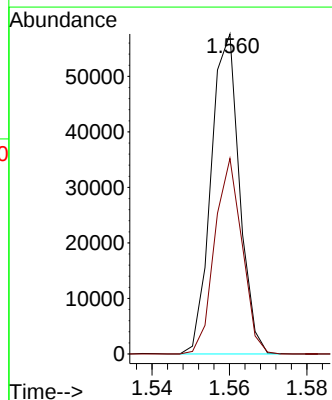
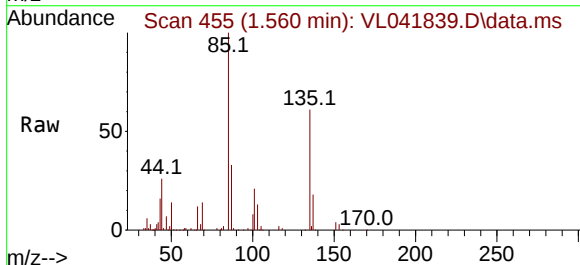
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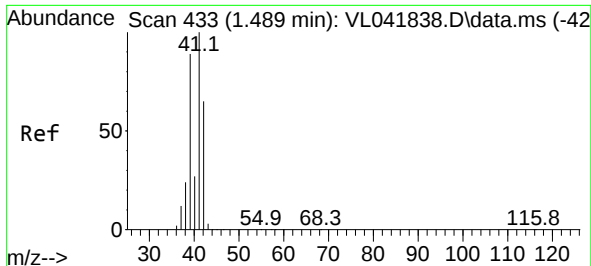
Tgt Ion: 64 Resp: 5296
Ion Ratio Lower Upper
64 100
66 27.8 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 2.065 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion: 85 Resp: 29417
Ion Ratio Lower Upper
85 100
135 58.9 47.9 71.9

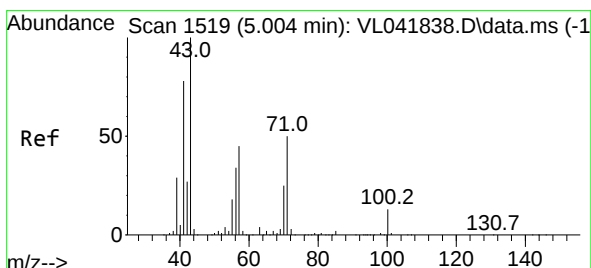
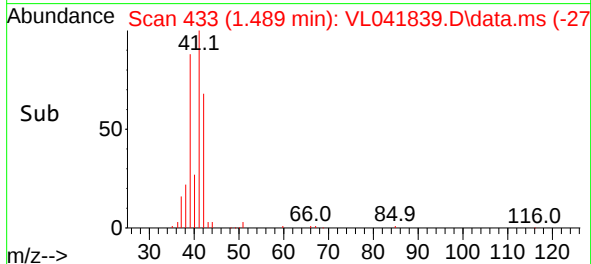
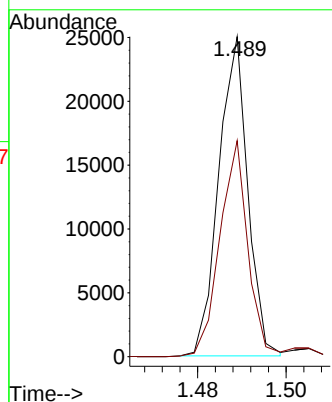
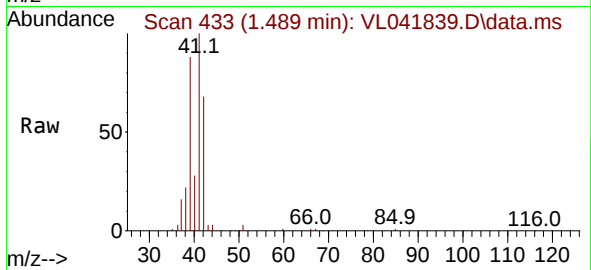




#9
 Propene
 Concen: 2.071 ppbv
 RT: 1.489 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

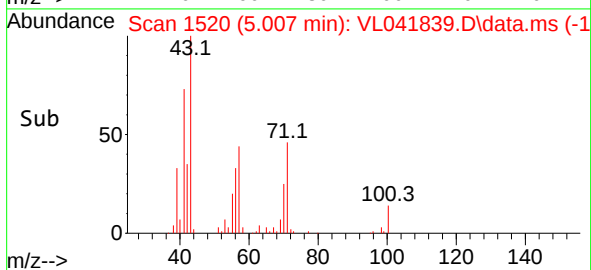
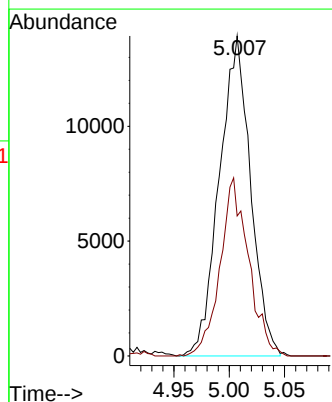
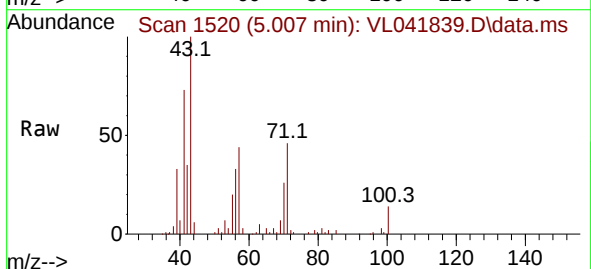
Instrument :
 MSVOA_L
 ClientSampleId :

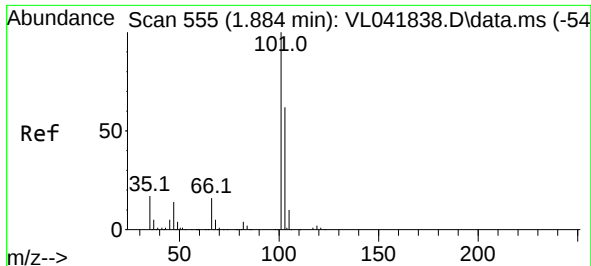
Tgt Ion: 41 Resp: 11376
 Ion Ratio Lower Upper
 41 100
 42 69.2 54.4 81.6



#10
 Heptane
 Concen: 2.010 ppbv
 RT: 5.007 min Scan# 1520
 Delta R.T. 0.003 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

Tgt Ion: 43 Resp: 27280
 Ion Ratio Lower Upper
 43 100
 57 50.8 37.8 56.6

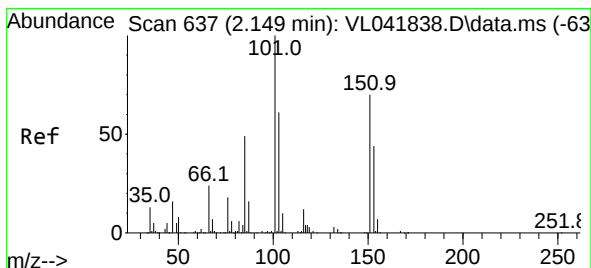
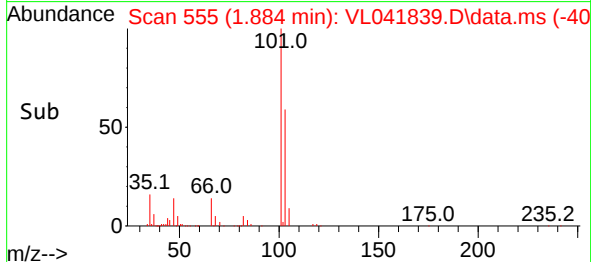
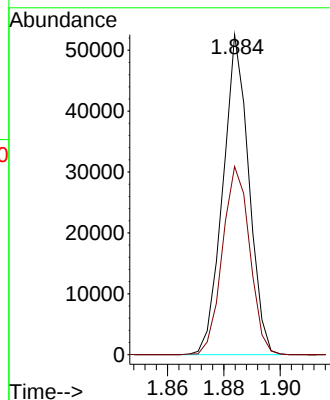
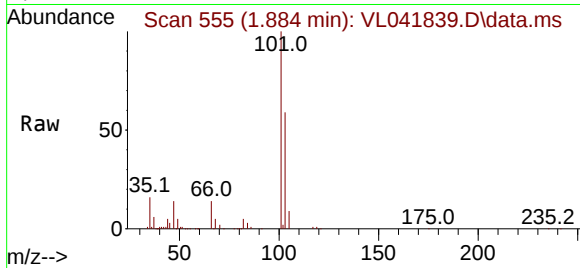




#11
 Trichlorofluoromethane
 Concen: 2.002 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

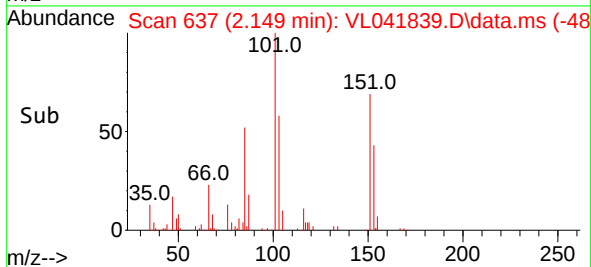
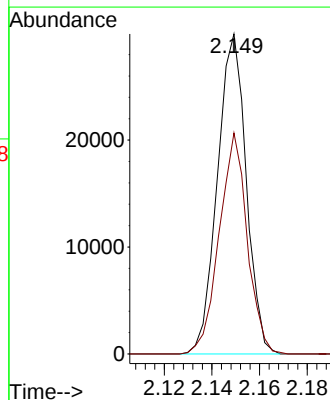
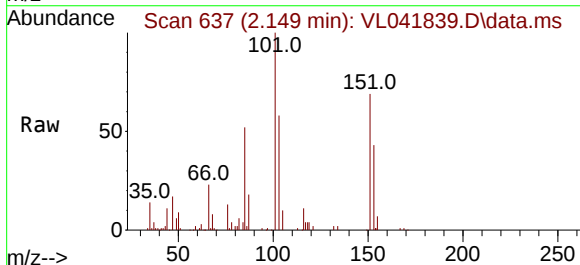
Instrument :
 MSVOA_L
 ClientSampleId :

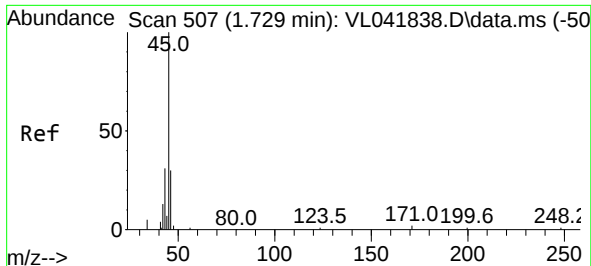
Tgt Ion:101 Resp: 33615
 Ion Ratio Lower Upper
 101 100
 103 58.8 49.4 74.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.010 ppbv
 RT: 2.149 min Scan# 637
 Delta R.T. -0.000 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

Tgt Ion:101 Resp: 25132
 Ion Ratio Lower Upper
 101 100
 151 67.2 53.2 79.8

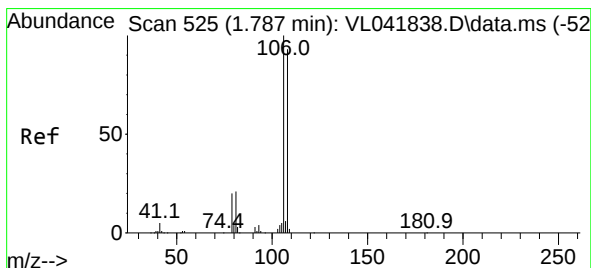
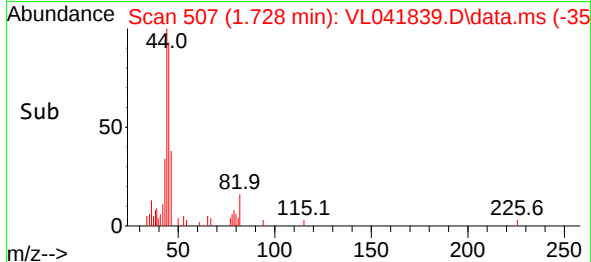
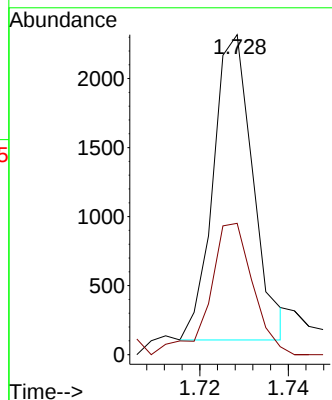
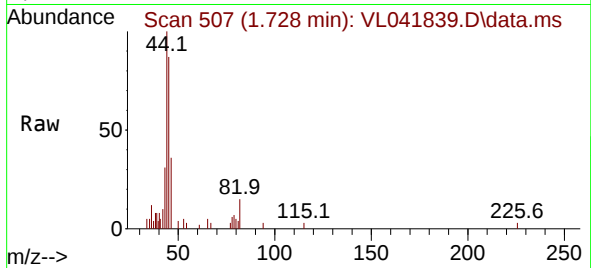




#13
Ethanol
Concen: 2.207 ppbv
RT: 1.728 min Scan# 507
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

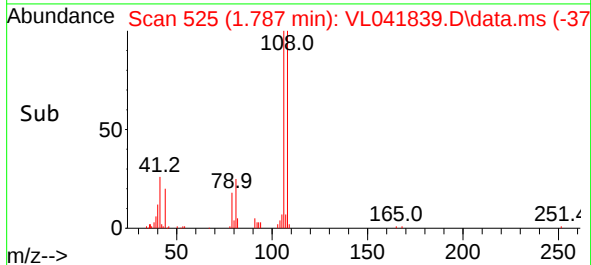
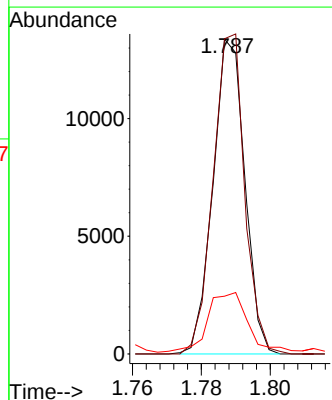
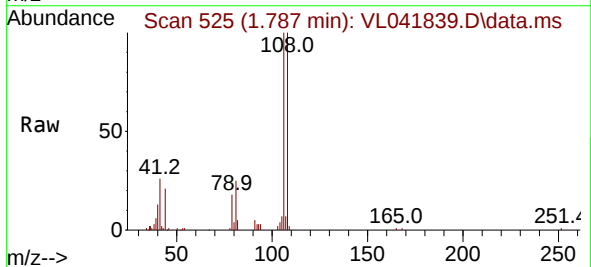
Instrument :
MSVOA_L
ClientSampleId :

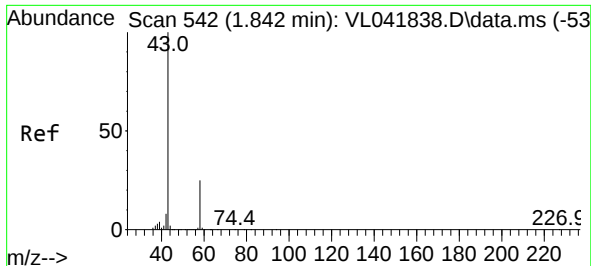
Tgt Ion: 45 Resp: 1379
Ion Ratio Lower Upper
45 100
46 53.5 16.1 64.5



#14
Bromoethene
Concen: 2.095 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion: 108 Resp: 8576
Ion Ratio Lower Upper
108 100
106 101.1 84.6 126.8
79 35.4 18.3 27.5#

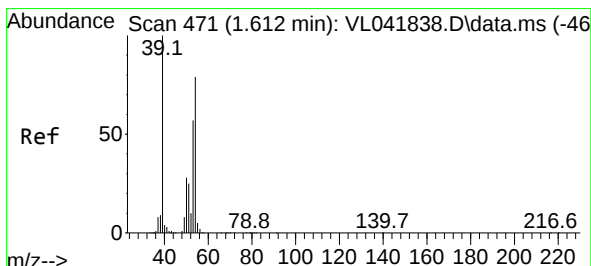
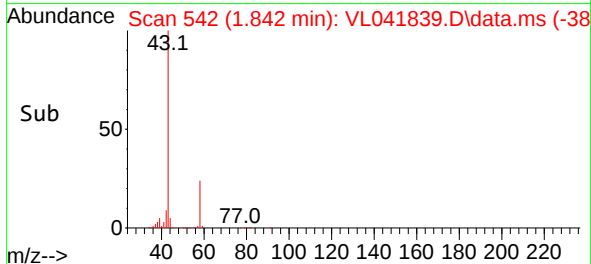
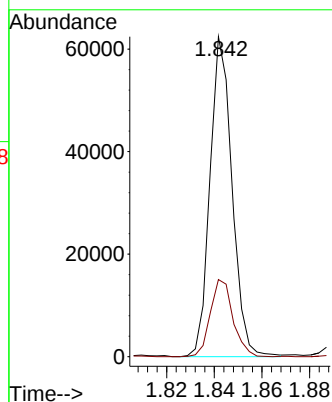
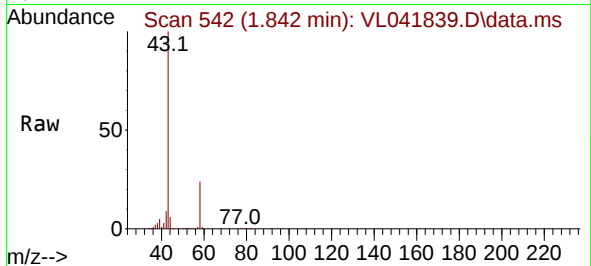




#15
Acetone
Concen: 2.170 ppbv
RT: 1.842 min Scan# 54
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

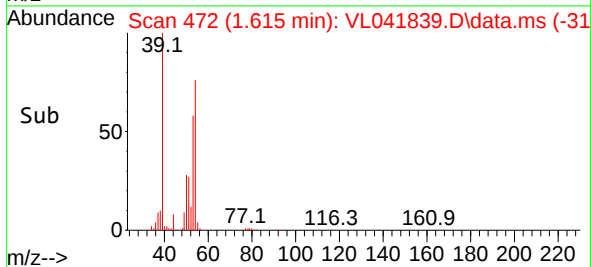
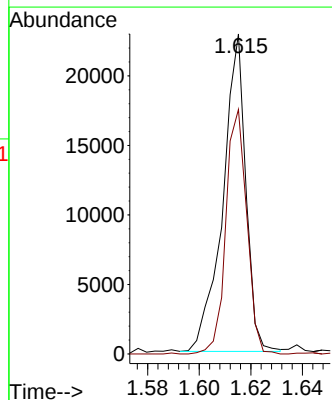
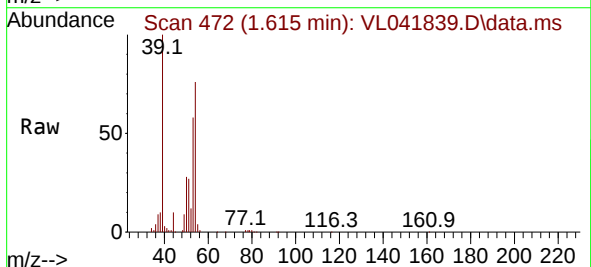
Instrument :
MSVOA_L
ClientSampleId :

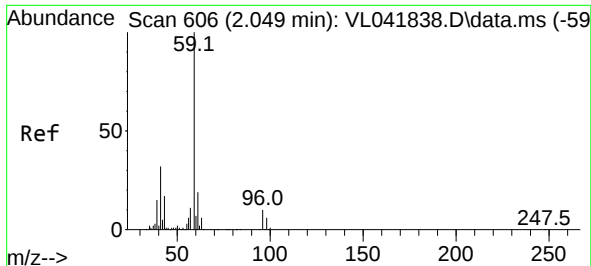
Tgt Ion: 43 Resp: 40213
Ion Ratio Lower Upper
43 100
58 24.9 20.2 30.2



#16
1,3-Butadiene
Concen: 1.950 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion: 39 Resp: 14169
Ion Ratio Lower Upper
39 100
54 70.2 56.2 84.4





#17

tert-Butyl alcohol

Concen: 2.023 ppbv

RT: 2.049 min Scan# 606

Delta R.T. -0.000 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Instrument :

MSVOA_L

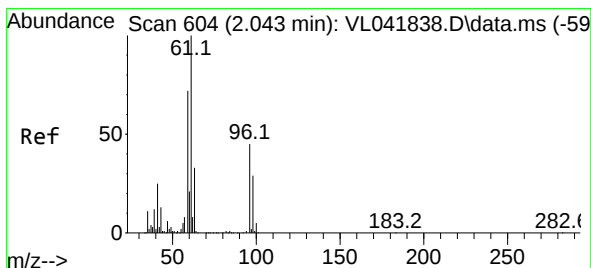
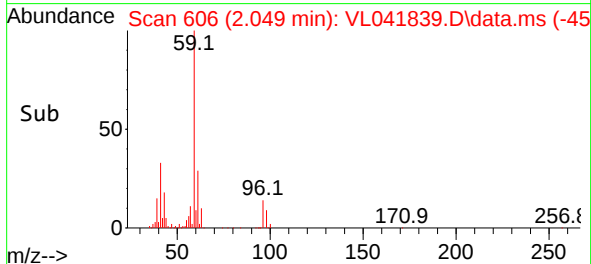
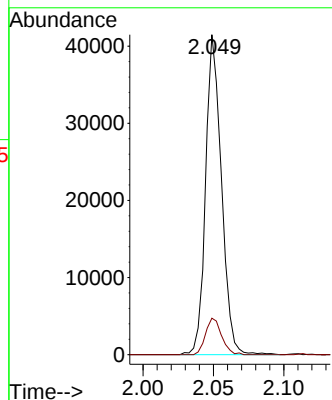
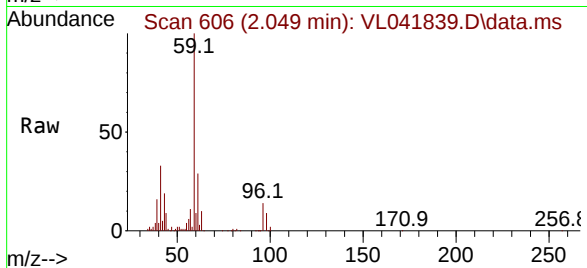
ClientSampleId :

Tgt Ion: 59 Resp: 32475

Ion Ratio Lower Upper

59 100

57 11.5 8.6 13.0



#18

1,1-Dichloroethene

Concen: 2.039 ppbv

RT: 2.042 min Scan# 604

Delta R.T. -0.000 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

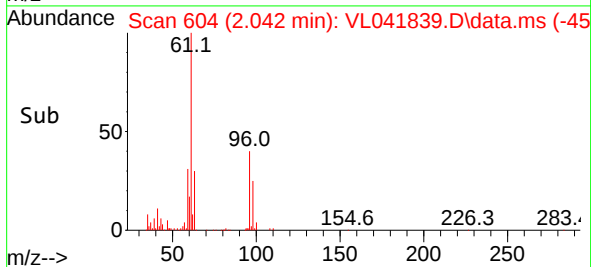
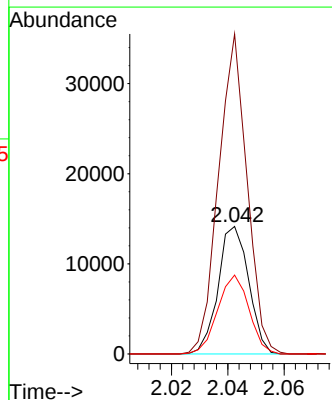
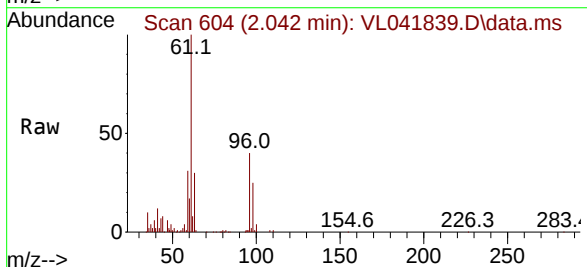
Tgt Ion: 96 Resp: 10673

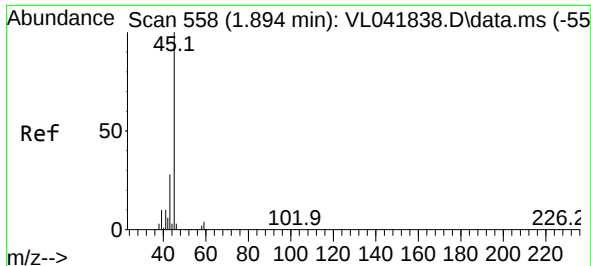
Ion Ratio Lower Upper

96 100

61 251.0 179.2 268.8

98 61.9 51.6 77.4





#19

Isopropyl Alcohol

Concen: 1.995 ppbv

RT: 1.894 min Scan# 51

Delta R.T. -0.000 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Instrument :

MSVOA_L

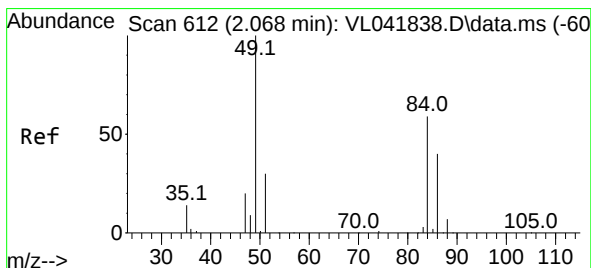
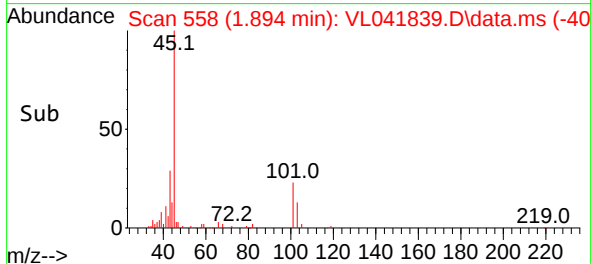
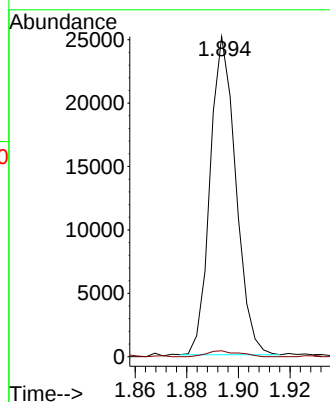
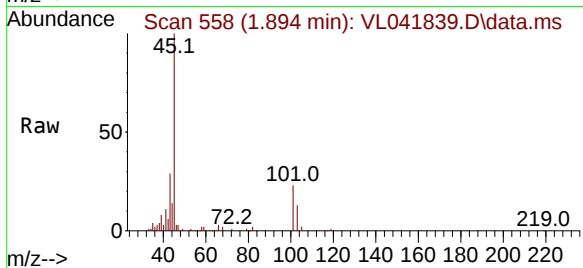
ClientSampleId :

Tgt Ion: 45 Resp: 17352

Ion Ratio Lower Upper

45 100

58 57.7 2.0 3.0#



#20

Methylene Chloride

Concen: 1.975 ppbv

RT: 2.068 min Scan# 612

Delta R.T. -0.000 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Tgt Ion: 84 Resp: 10459

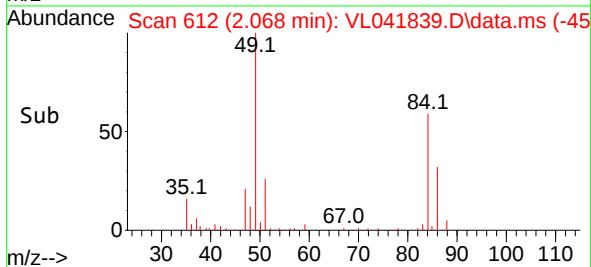
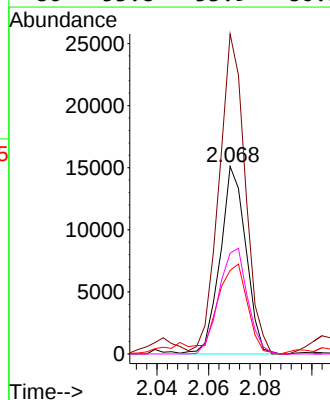
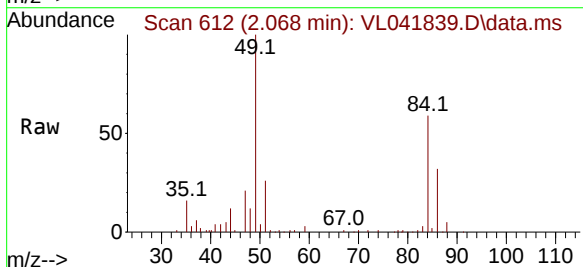
Ion Ratio Lower Upper

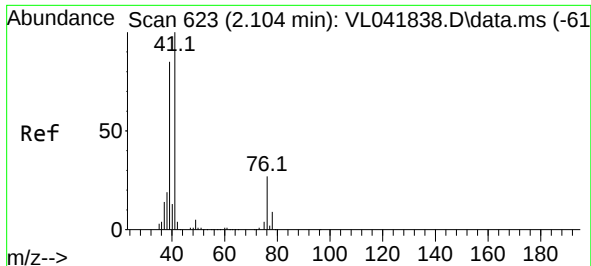
84 100

49 170.7 137.8 206.8

51 44.5 43.9 65.9

86 53.8 53.9 80.9#

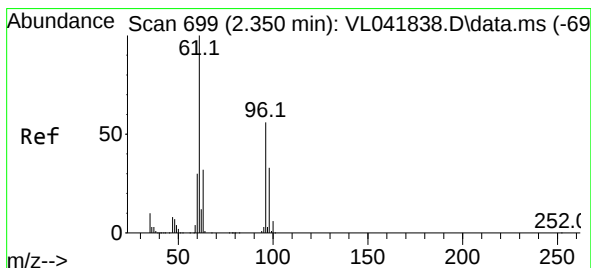
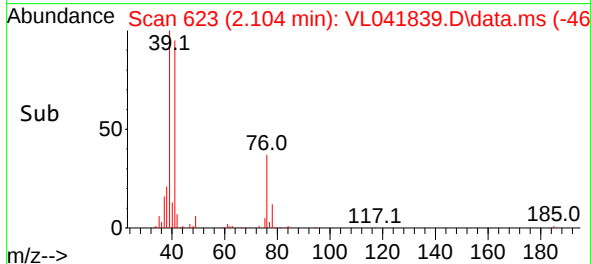
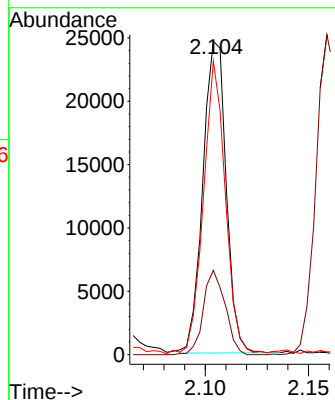
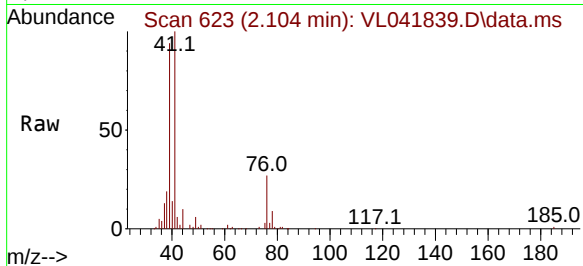




#21
 Allyl Chloride
 Concen: 2.019 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

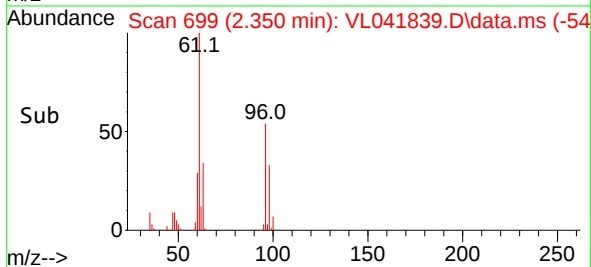
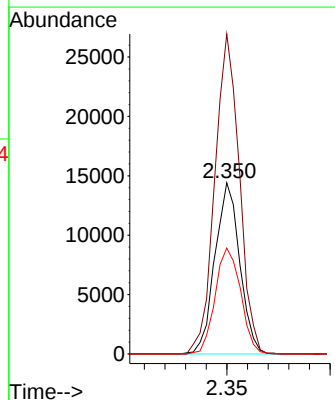
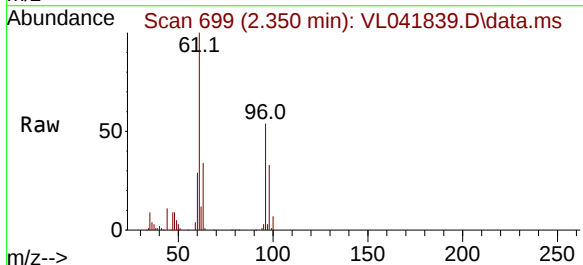
Instrument :
 MSVOA_L
 ClientSampleId :

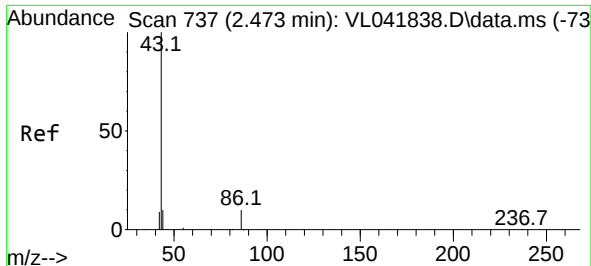
Tgt Ion: 41 Resp: 19269
 Ion Ratio Lower Upper
 41 100
 76 25.3 20.6 31.0
 39 88.4 67.4 101.2



#22
 trans-1,2-Dichloroethene
 Concen: 2.059 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. -0.000 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

Tgt Ion: 96 Resp: 12050
 Ion Ratio Lower Upper
 96 100
 61 186.9 144.0 216.0
 98 61.9 46.9 70.3

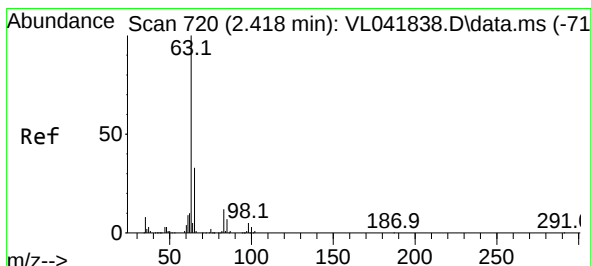
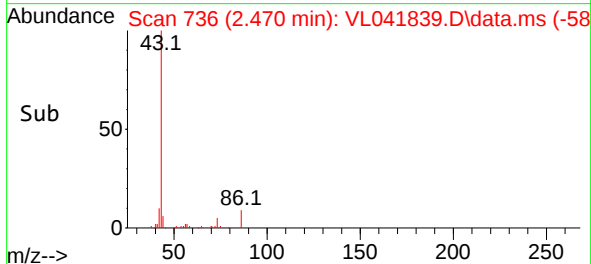
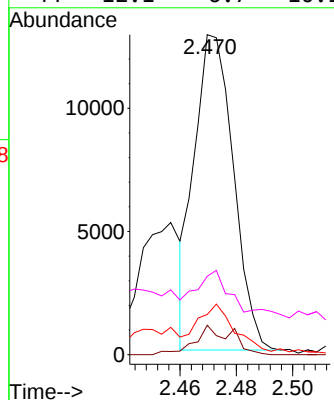
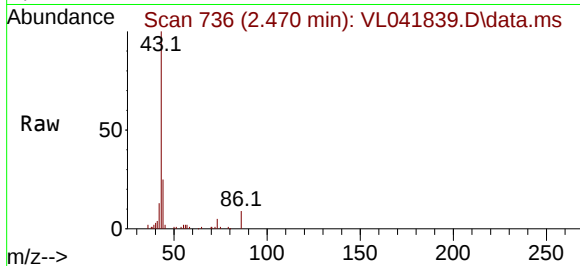




#23
 Vinyl Acetate
 Concen: 2.077 ppbv
 RT: 2.470 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

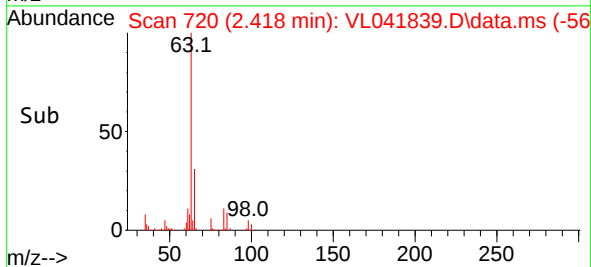
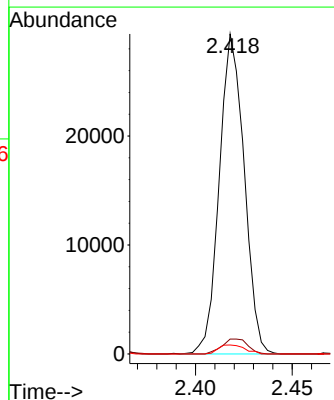
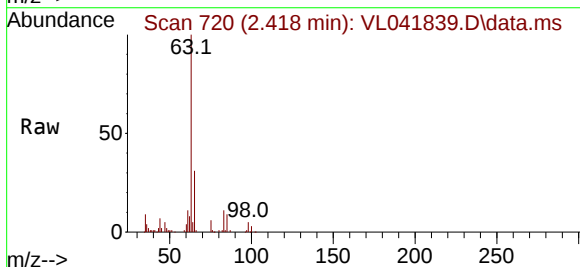
Instrument :
 MSVOA_L
 ClientSampleId :

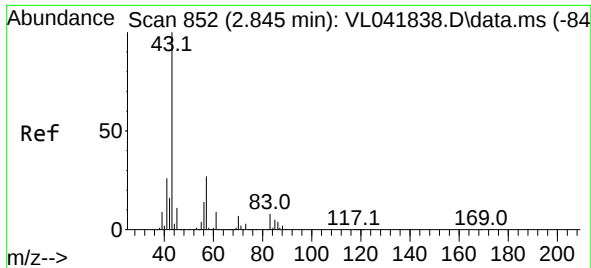
Tgt Ion:	43	Resp:	12341
Ion	Ratio	Lower	Upper
43	100		
86	9.3	6.4	9.6
42	10.9	9.5	14.3
44	12.1	6.7	10.1



#24
 1,1-Dichloroethane
 Concen: 2.049 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.000 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

Tgt Ion:	63	Resp:	26237
Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.3	6.9
100	2.8	1.4	4.0

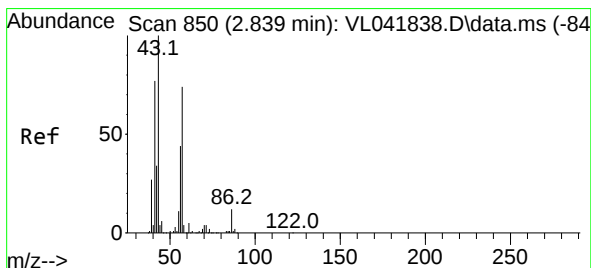
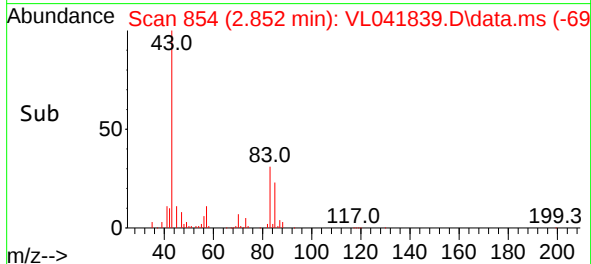
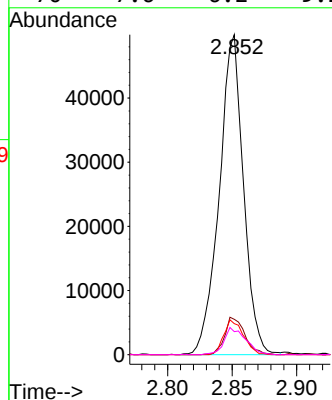
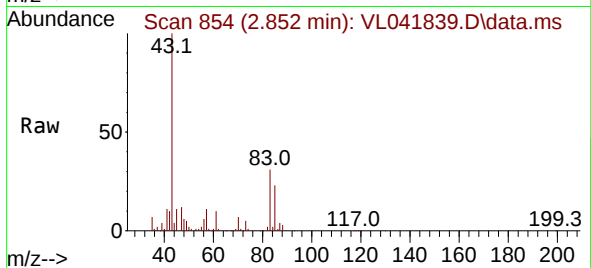




#25
Ethyl Acetate
Concen: 2.097 ppbv
RT: 2.852 min Scan# 854
Delta R.T. 0.006 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

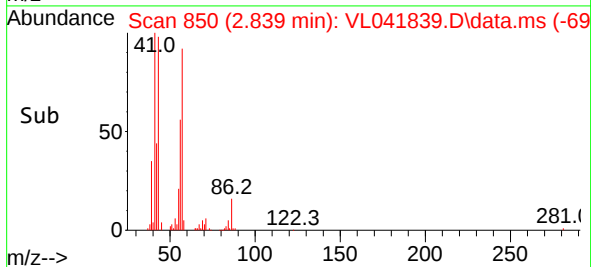
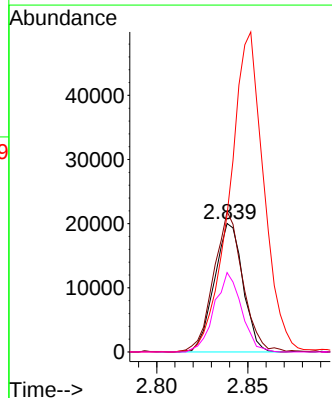
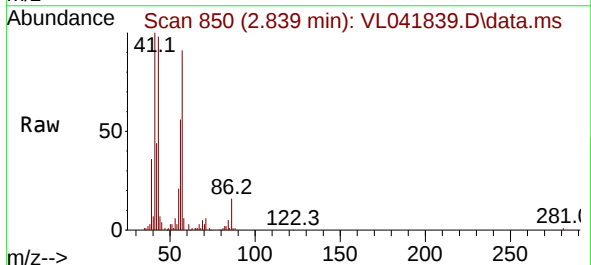
Instrument :
MSVOA_L
ClientSampleId :

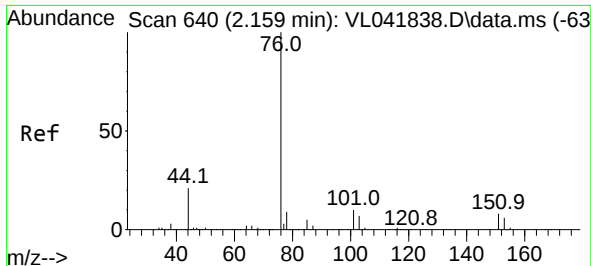
Tgt Ion: 43 Resp: 65149
Ion Ratio Lower Upper
43 100
45 9.8 7.8 11.8
61 8.8 7.0 10.6
70 7.6 6.2 9.2



#26
Hexane
Concen: 2.018 ppbv
RT: 2.839 min Scan# 850
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion: 57 Resp: 21758
Ion Ratio Lower Upper
57 100
41 111.9 84.1 126.1
43 300.9 218.4 327.6
56 58.9 45.7 68.5

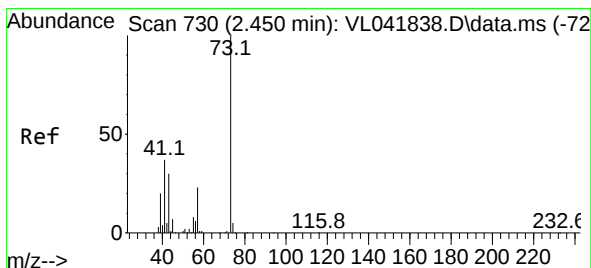
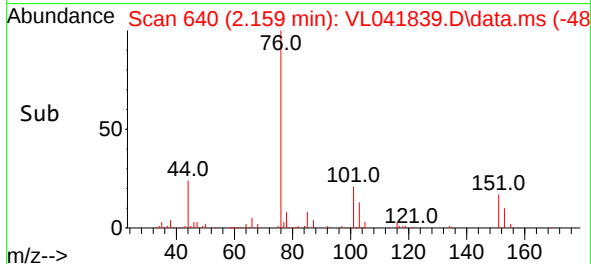
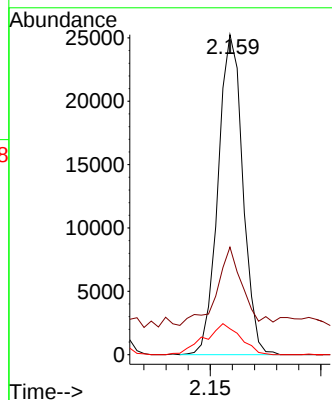
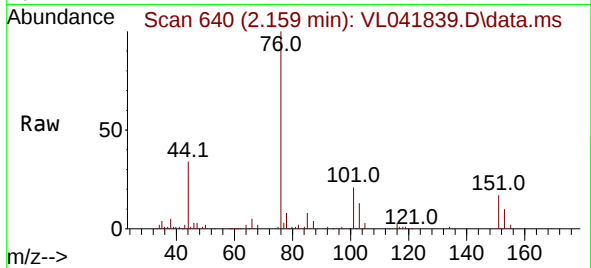




#27
Carbon Disulfide
Concen: 1.918 ppbv
RT: 2.159 min Scan# 640
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

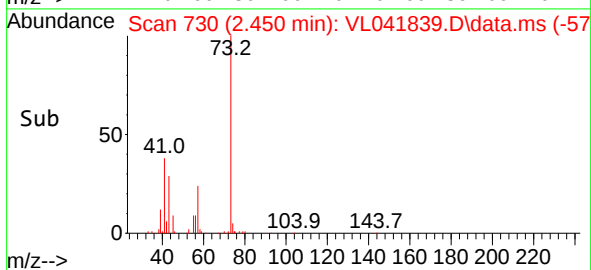
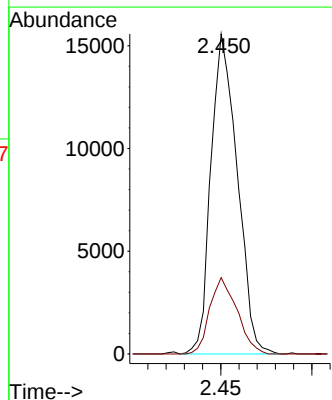
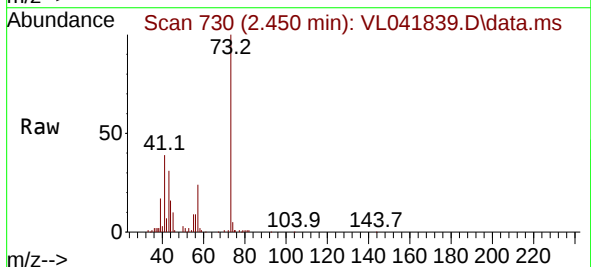
Instrument :
MSVOA_L
ClientSampleId :

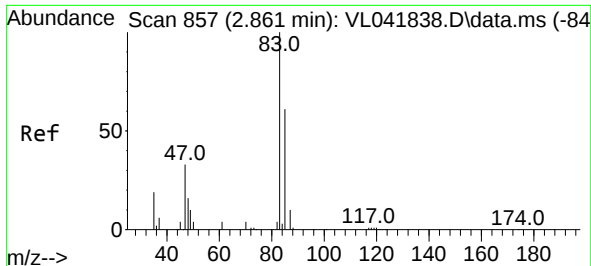
Tgt Ion: 76 Resp: 19626
Ion Ratio Lower Upper
76 100
44 54.1 19.8 29.8#
78 14.0 9.8 14.8



#28
Methyl tert-Butyl Ether
Concen: 1.921 ppbv
RT: 2.450 min Scan# 730
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion: 73 Resp: 15614
Ion Ratio Lower Upper
73 100
57 24.7 18.4 27.6





#29

Chloroform

Concen: 2.045 ppbv

RT: 2.861 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Instrument :

MSVOA_L

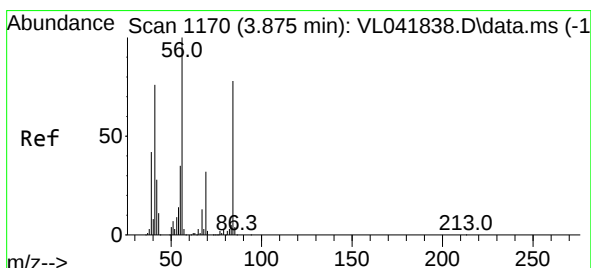
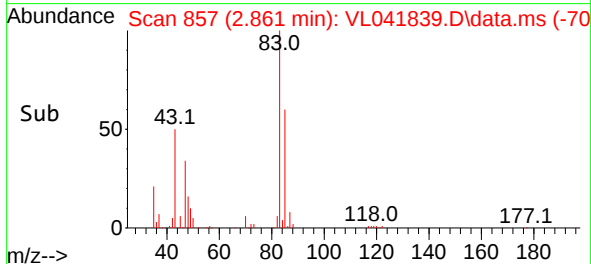
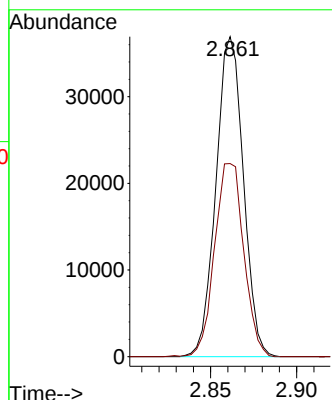
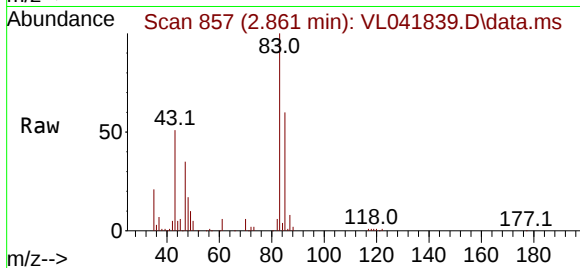
ClientSampleId :

Tgt Ion: 83 Resp: 40969

Ion Ratio Lower Upper

83 100

85 60.4 49.6 74.4



#30

Cyclohexane

Concen: 1.984 ppbv

RT: 3.874 min Scan# 1170

Delta R.T. -0.000 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

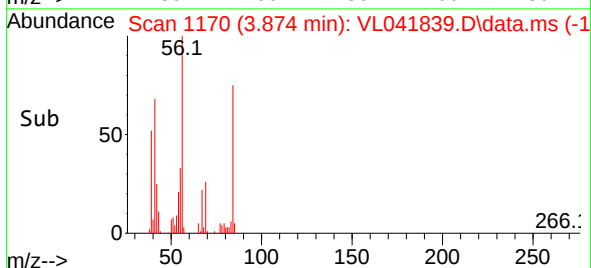
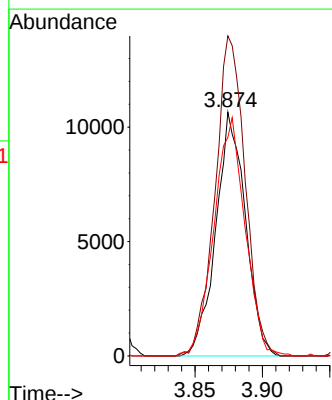
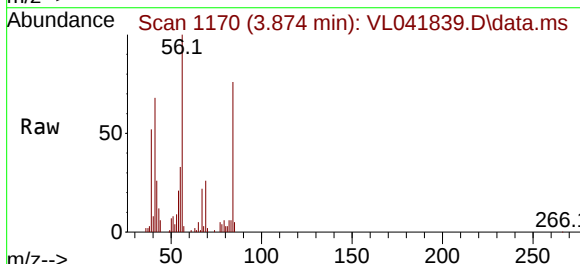
Tgt Ion: 84 Resp: 16235

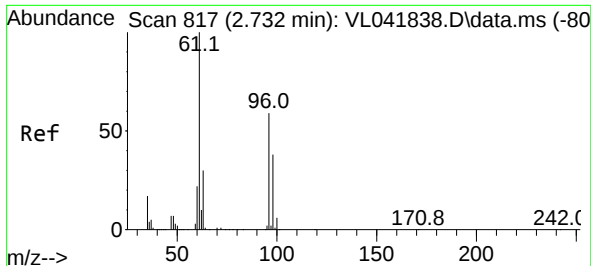
Ion Ratio Lower Upper

84 100

56 133.6 105.0 157.6

41 103.4 78.9 118.3

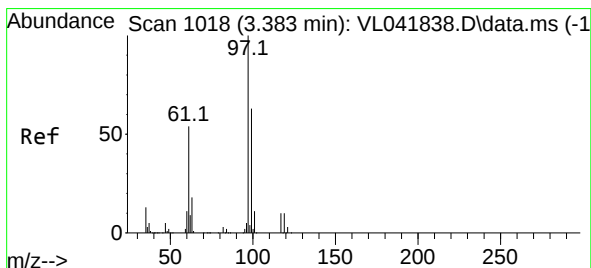
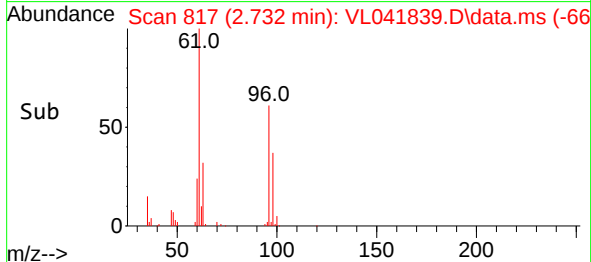
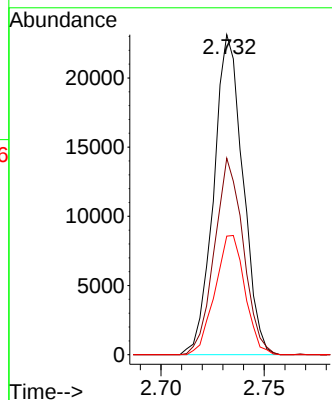
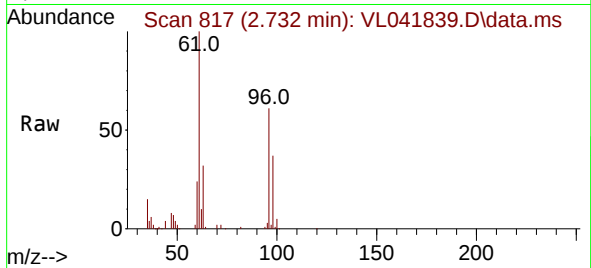




#31
 cis-1,2-Dichloroethene
 Concen: 2.048 ppbv
 RT: 2.732 min Scan# 817
 Delta R.T. -0.000 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

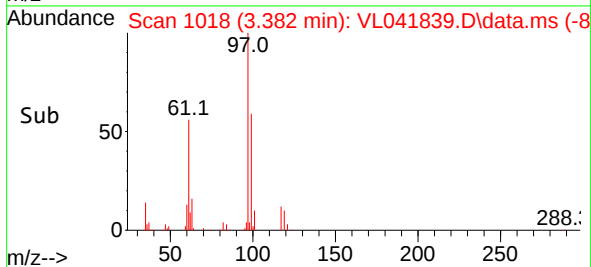
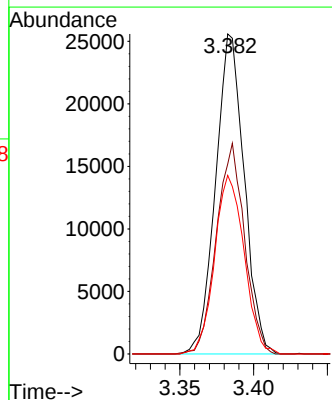
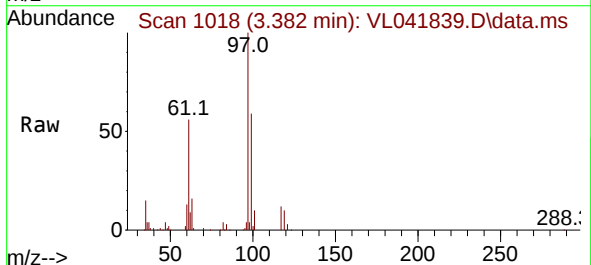
Instrument :
 MSVOA_L
 ClientSampleId :

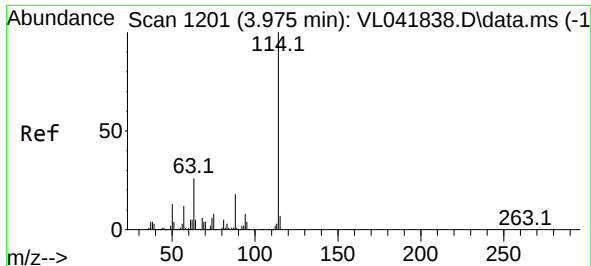
Tgt Ion: 61 Resp: 22729
 Ion Ratio Lower Upper
 61 100
 96 61.4 47.6 71.4
 98 37.1 30.2 45.2



#32
 1,1,1-Trichloroethane
 Concen: 1.901 ppbv
 RT: 3.382 min Scan# 1018
 Delta R.T. -0.000 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

Tgt Ion: 97 Resp: 34505
 Ion Ratio Lower Upper
 97 100
 99 64.9 50.6 76.0
 61 57.6 45.0 67.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.978 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Instrument :

MSVOA_L

ClientSampleId :

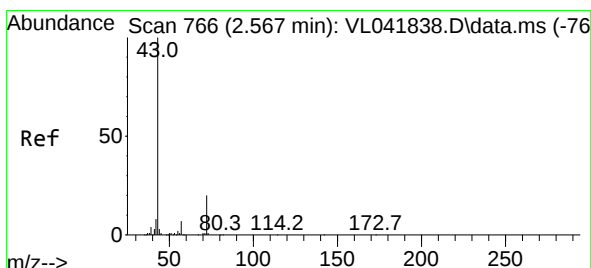
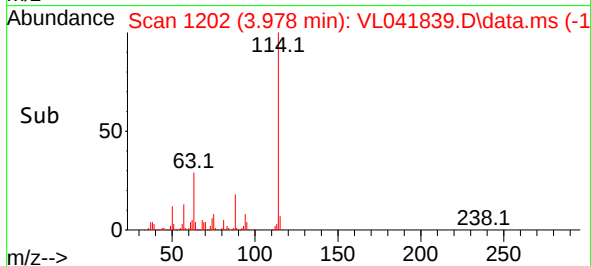
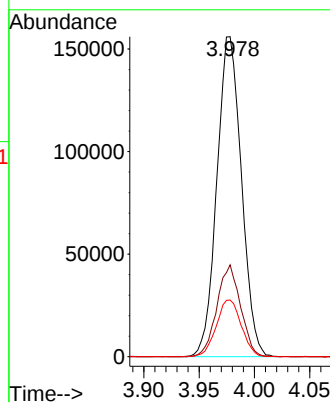
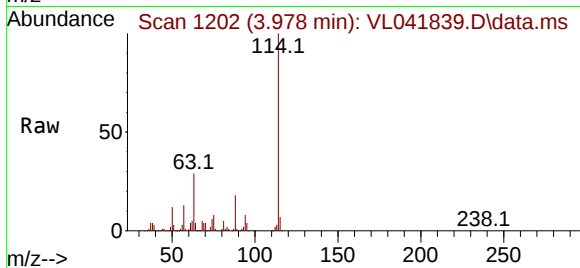
Tgt Ion:114 Resp: 241263

Ion Ratio Lower Upper

114 100

63 27.6 22.3 33.5

88 18.0 14.9 22.3



#34

2-Butanone

Concen: 2.032 ppbv

RT: 2.570 min Scan# 767

Delta R.T. 0.003 min

Lab File: VL041839.D

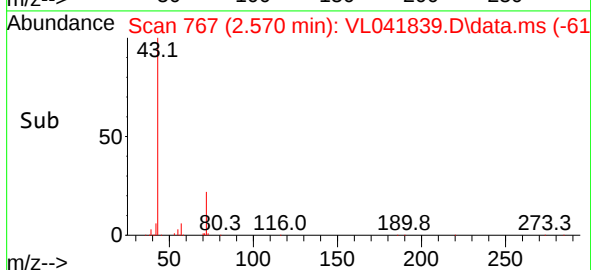
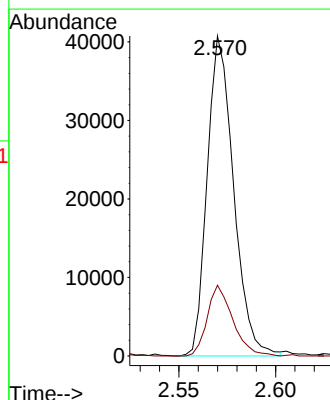
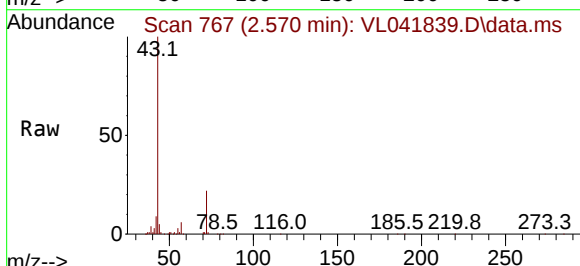
Acq: 07 Jan 2025 09:51

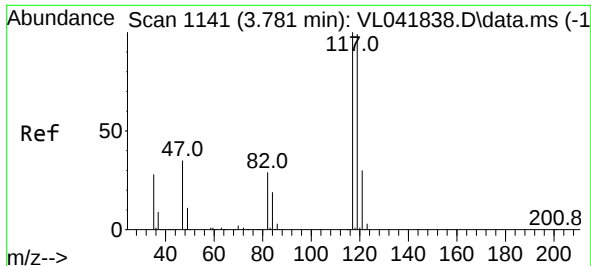
Tgt Ion: 43 Resp: 38624

Ion Ratio Lower Upper

43 100

72 21.5 16.6 25.0

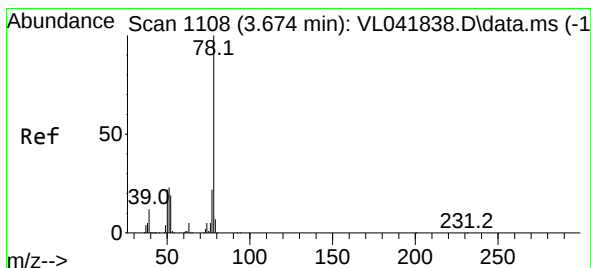
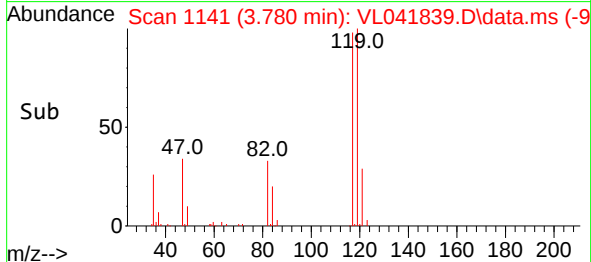
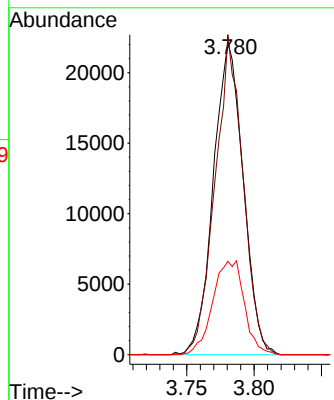
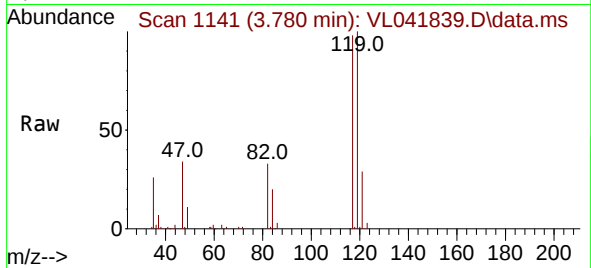




#35
Carbon Tetrachloride
Concen: 1.868 ppbv
RT: 3.780 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

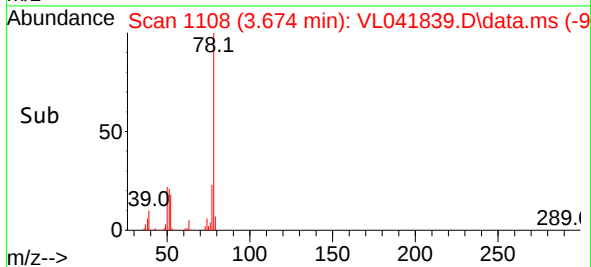
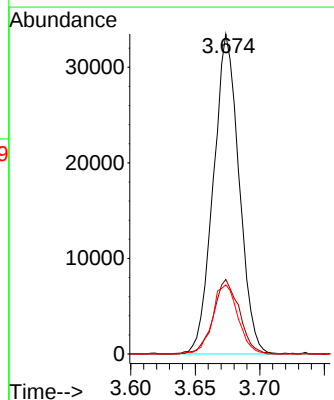
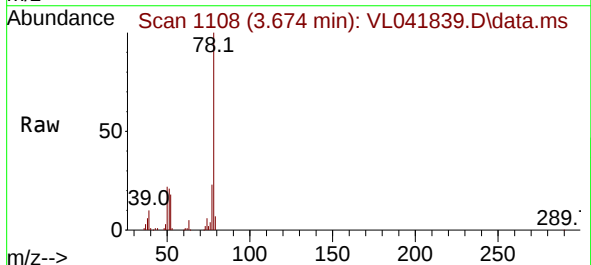
Instrument :
MSVOA_L
ClientSampleId :

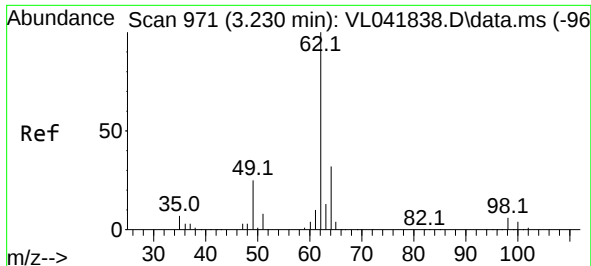
Tgt Ion:117 Resp: 34059
Ion Ratio Lower Upper
117 100
119 102.3 79.1 118.7
121 29.8 24.2 36.2



#36
Benzene
Concen: 2.007 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion: 78 Resp: 46253
Ion Ratio Lower Upper
78 100
77 23.3 17.4 26.0
50 21.4 17.3 25.9





#37

1,2-Dichloroethane

Concen: 1.993 ppbv

RT: 3.233 min Scan# 91

Delta R.T. 0.003 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Instrument :

MSVOA_L

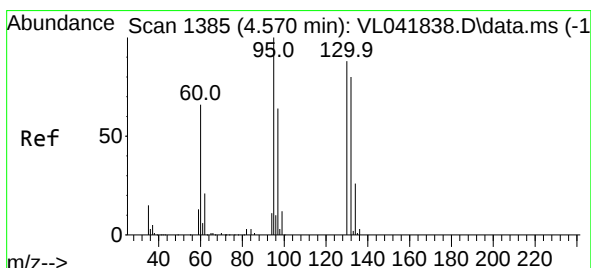
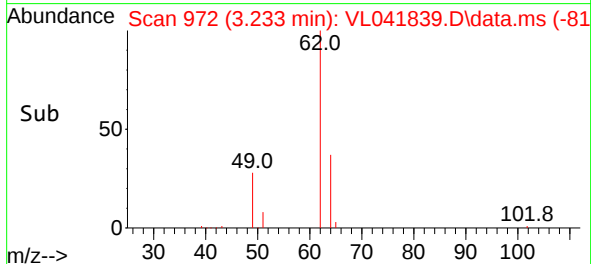
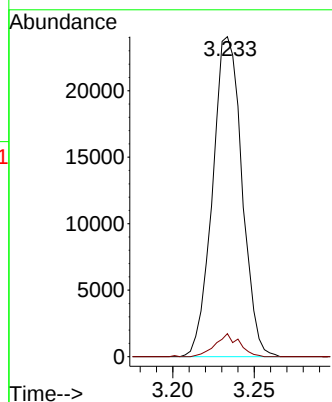
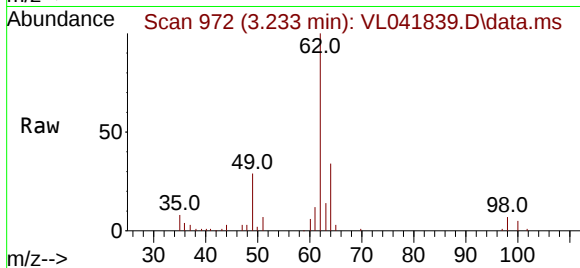
ClientSampleId :

Tgt Ion: 62 Resp: 30190

Ion Ratio Lower Upper

62 100

98 5.9 4.8 7.2



#38

Trichloroethene

Concen: 1.930 ppbv

RT: 4.570 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Tgt Ion:130 Resp: 17434

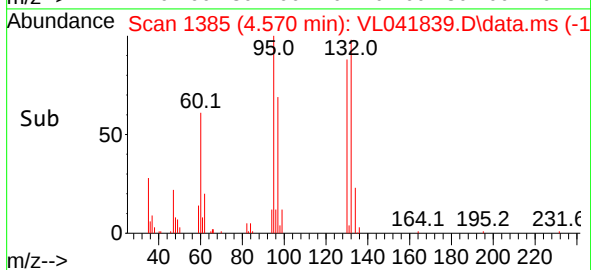
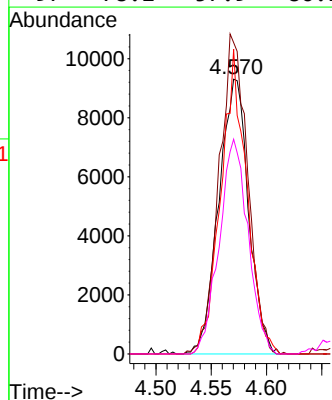
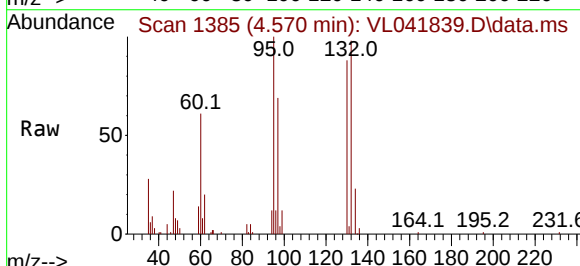
Ion Ratio Lower Upper

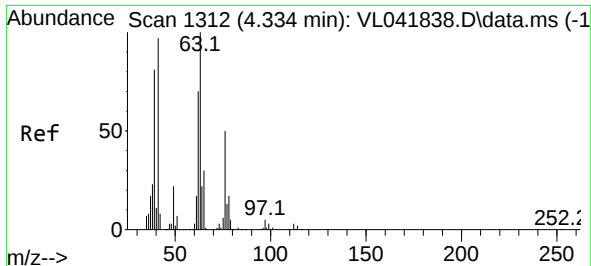
130 100

95 113.3 90.1 135.1

132 111.0 71.8 107.8#

97 78.2 57.9 86.9





#39

1,2-Dichloropropane

Concen: 1.957 ppbv

RT: 4.337 min Scan# 1312

Delta R.T. 0.003 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Instrument :

MSVOA_L

ClientSampleId :

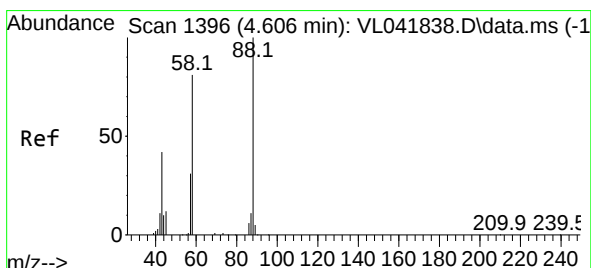
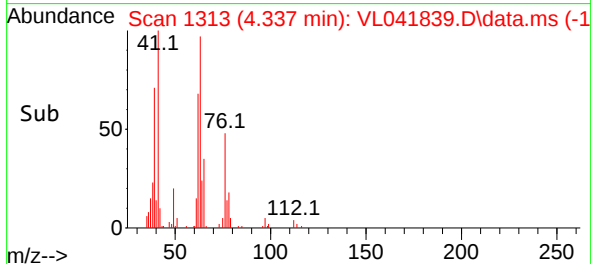
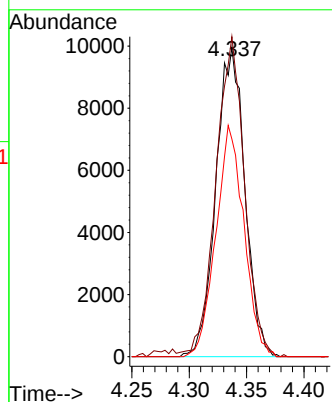
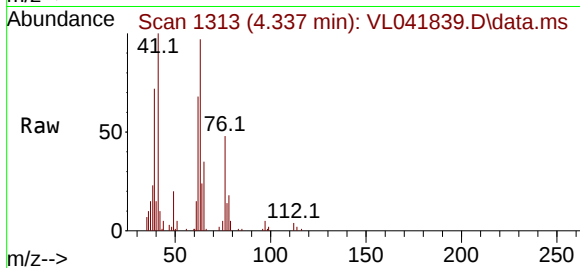
Tgt Ion: 63 Resp: 17446

Ion Ratio Lower Upper

63 100

41 103.5 77.7 116.5

62 70.4 56.2 84.2



#40

1,4-Dioxane

Concen: 0.599 ppbv

RT: 4.612 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Tgt Ion: 88 Resp: 2070

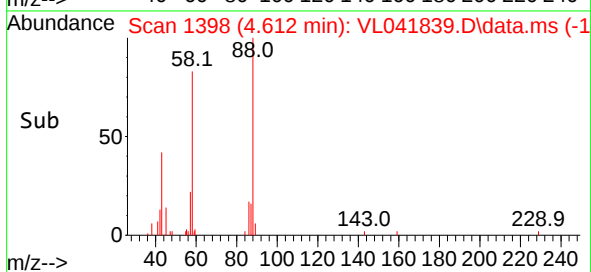
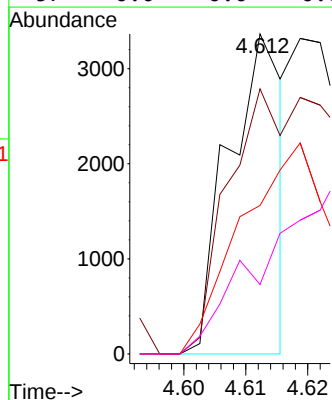
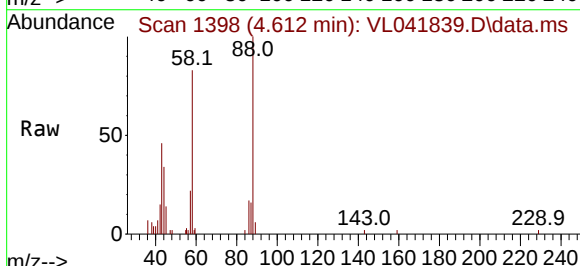
Ion Ratio Lower Upper

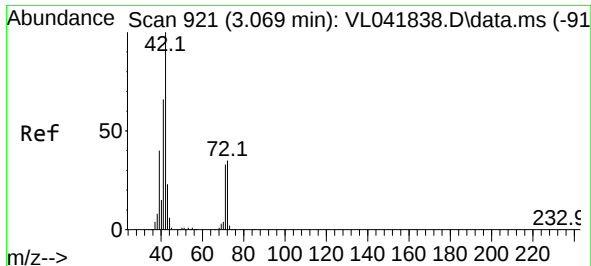
88 100

58 452.4 65.1 97.7#

43 0.0 32.1 48.1#

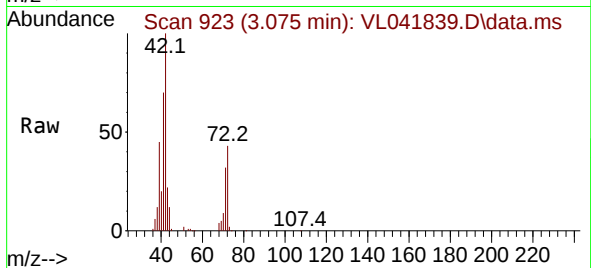
57 0.0 0.0 0.0



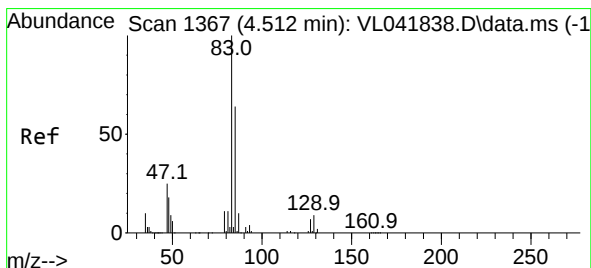
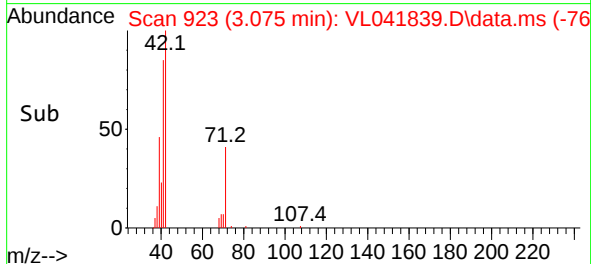
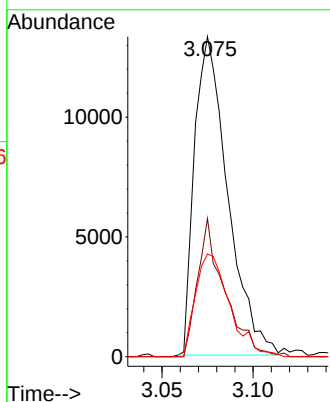


#41
Tetrahydrofuran
Concen: 1.888 ppbv
RT: 3.075 min Scan# 91
Delta R.T. 0.006 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument :
MSVOA_L
ClientSampleId :

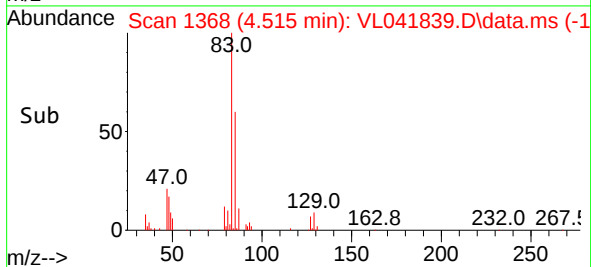
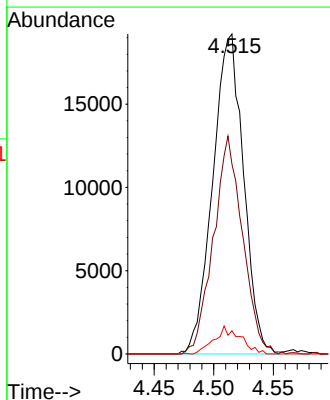
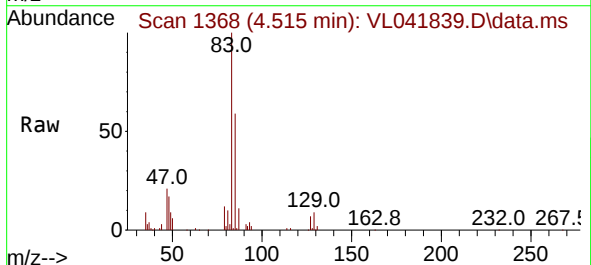


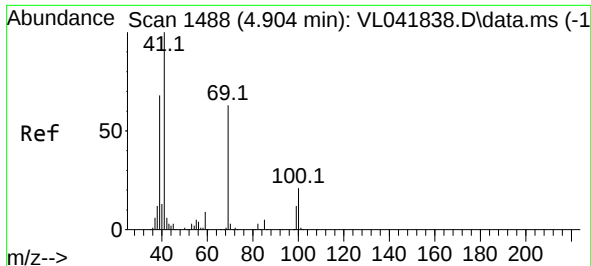
Tgt Ion: 42 Resp: 16912
Ion Ratio Lower Upper
42 100
72 35.3 27.9 41.9
71 33.0 26.5 39.7



#42
Bromodichloromethane
Concen: 1.941 ppbv
RT: 4.515 min Scan# 1368
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion: 83 Resp: 34494
Ion Ratio Lower Upper
83 100
85 59.3 51.3 76.9
127 7.2 5.6 8.4

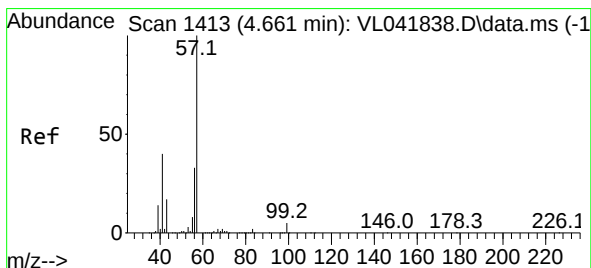
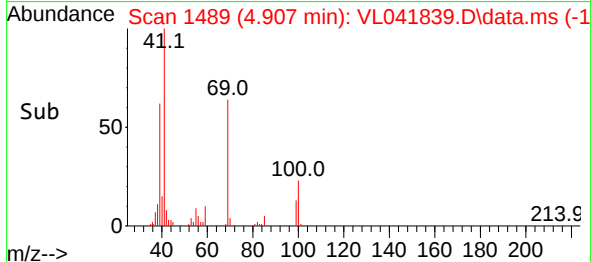
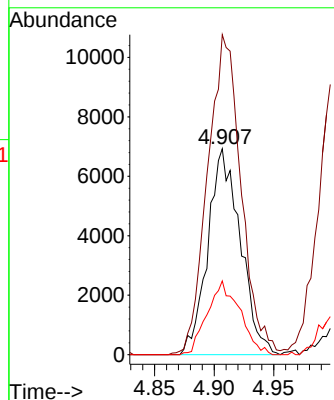
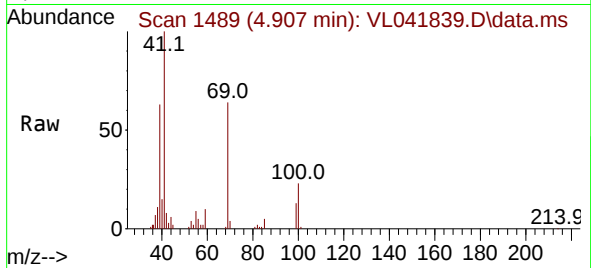




#43
Methyl Methacrylate
Concen: 1.818 ppbv
RT: 4.907 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

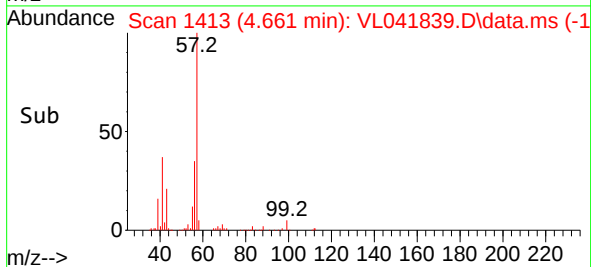
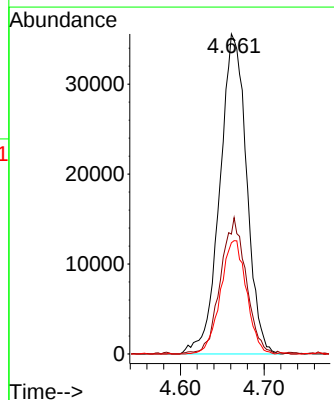
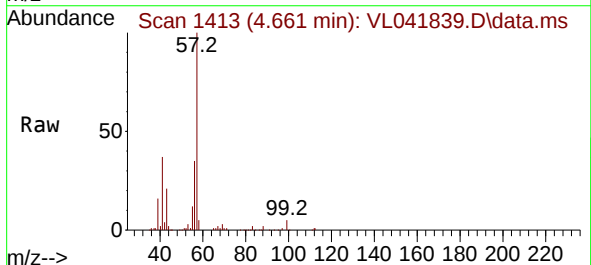
Instrument :
MSVOA_L
ClientSampleId :

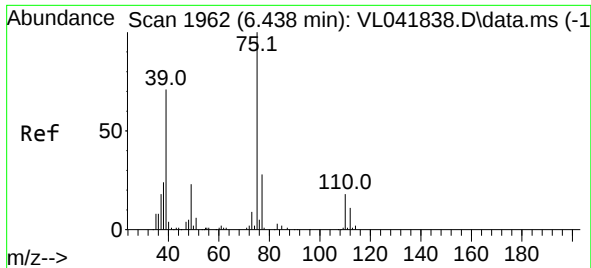
Tgt Ion: 69 Resp: 13160
Ion Ratio Lower Upper
69 100
41 159.5 132.3 198.5
100 35.7 28.2 42.4



#44
2,2,4-Trimethylpentane
Concen: 2.078 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

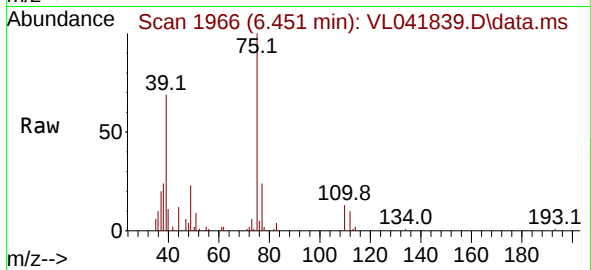
Tgt Ion: 57 Resp: 78928
Ion Ratio Lower Upper
57 100
41 41.2 31.4 47.2
56 34.5 26.6 39.8



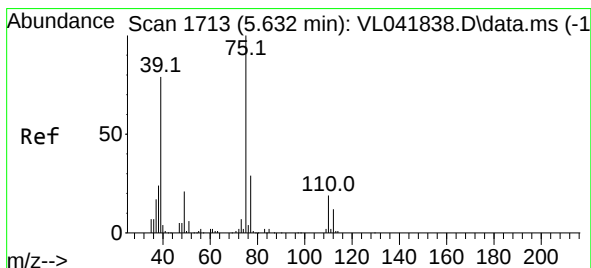
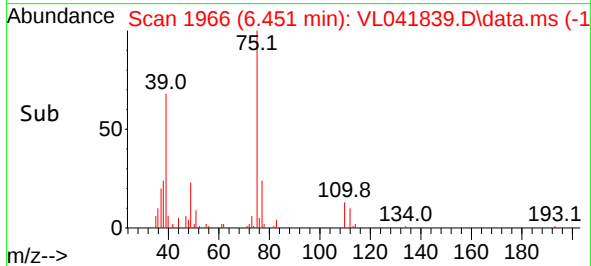
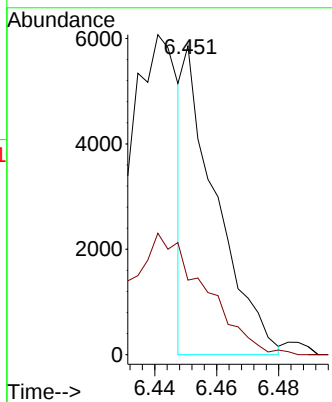


#45
t-1,3-Dichloropropene
Concen: 0.606 ppbv
RT: 6.451 min Scan# 1966
Delta R.T. 0.013 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument :
MSVOA_L
ClientSampleId :

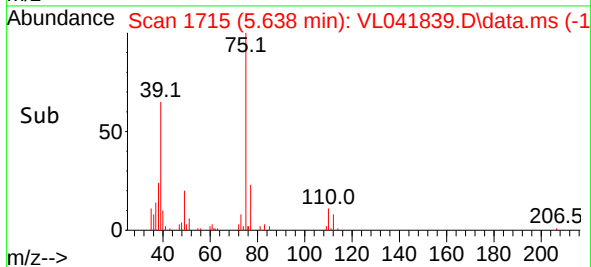
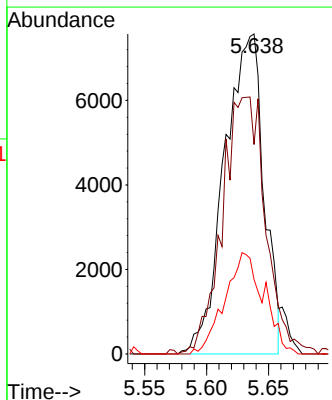
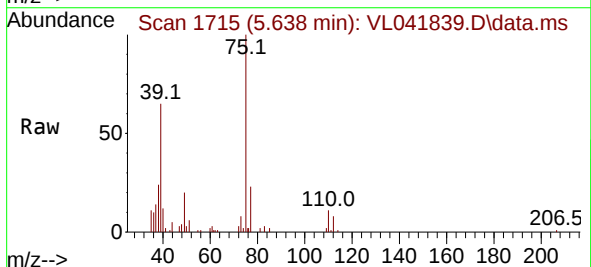


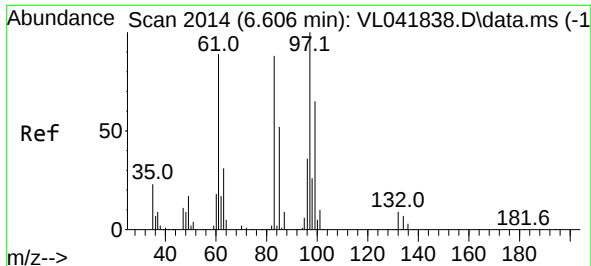
Tgt Ion: 75 Resp: 4282
Ion Ratio Lower Upper
75 100
77 24.1 22.2 33.4



#46
cis-1,3-Dichloropropene
Concen: 1.799 ppbv
RT: 5.638 min Scan# 1715
Delta R.T. 0.006 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion: 75 Resp: 16720
Ion Ratio Lower Upper
75 100
39 65.4 63.3 94.9
77 23.2 23.5 35.3#



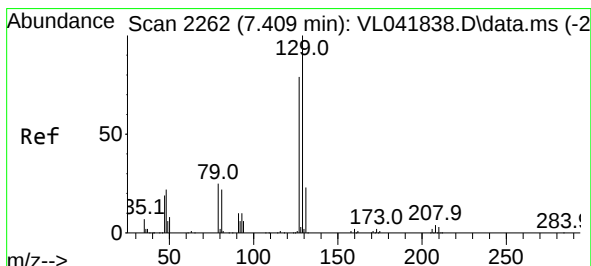
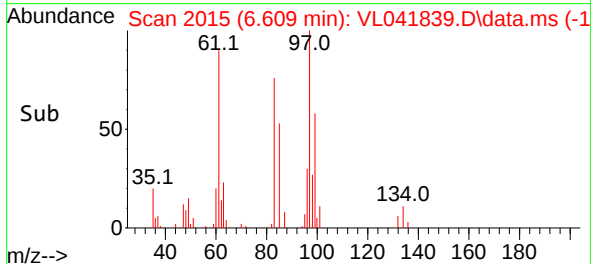
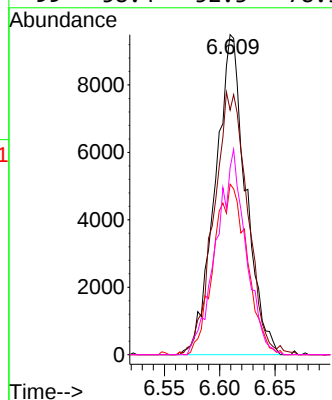
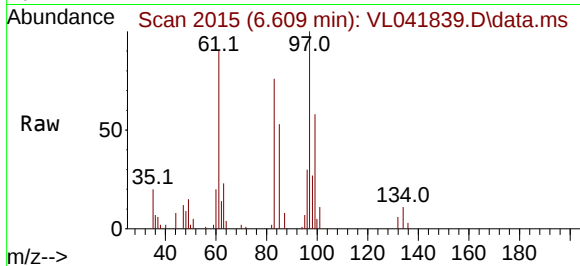


#47
1,1,2-Trichloroethane
Concen: 1.932 ppbv
RT: 6.609 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 18220

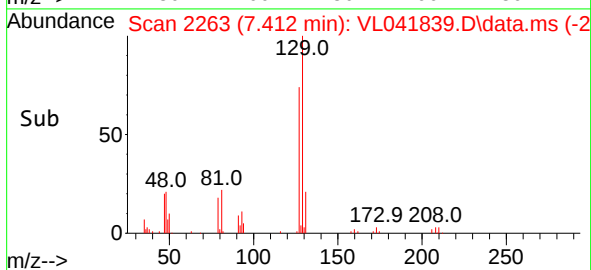
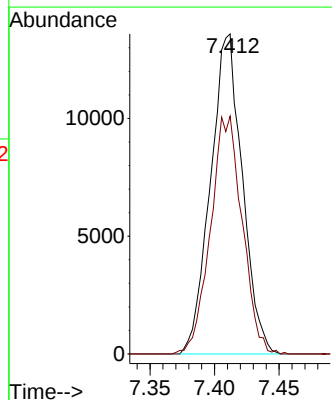
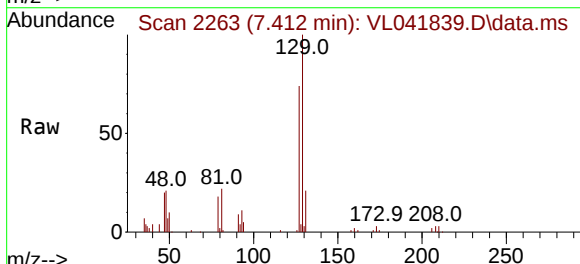
Ion	Ratio	Lower	Upper
97	100		
83	75.7	70.3	105.5
85	52.5	41.5	62.3
99	58.4	52.3	78.5

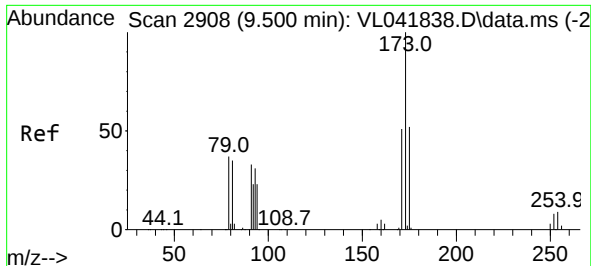


#48
Dibromochloromethane
Concen: 1.940 ppbv
RT: 7.412 min Scan# 2263
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion: 129 Resp: 23291

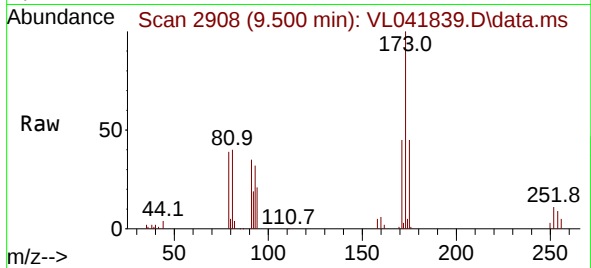
Ion	Ratio	Lower	Upper
129	100		
127	74.1	38.7	116.1



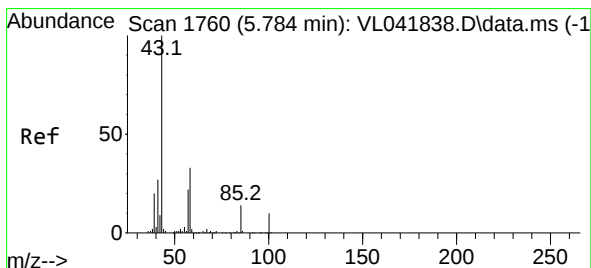
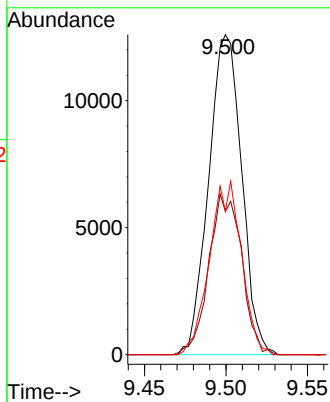
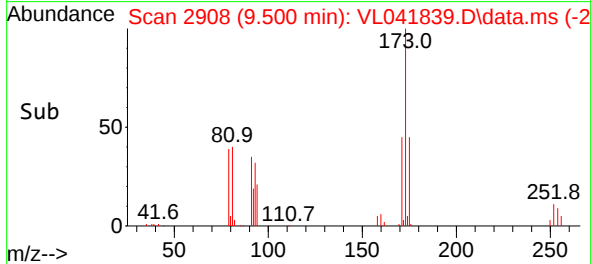


#49
Bromoform
Concen: 1.846 ppbv
RT: 9.500 min Scan# 2908
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument :
MSVOA_L
ClientSampleId :

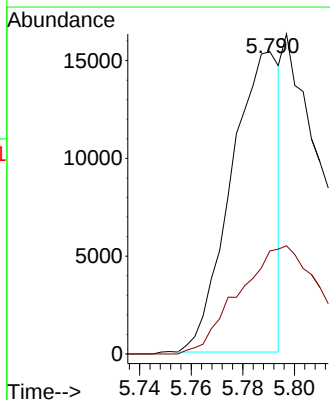
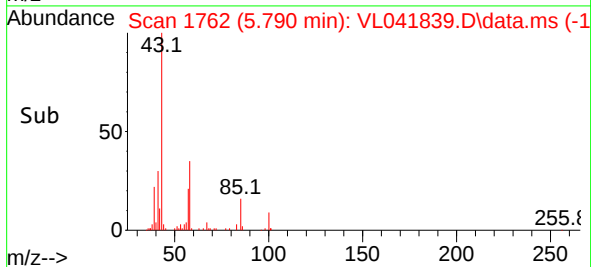
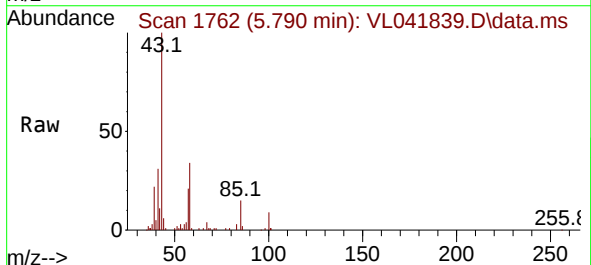


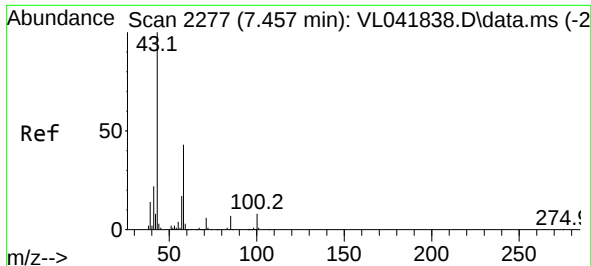
Tgt Ion:173 Resp: 17754
Ion Ratio Lower Upper
173 100
175 49.8 39.5 59.3
171 52.5 41.5 62.3



#50
4-Methyl-2-Pentanone
Concen: 0.905 ppbv
RT: 5.790 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion: 43 Resp: 19864
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#

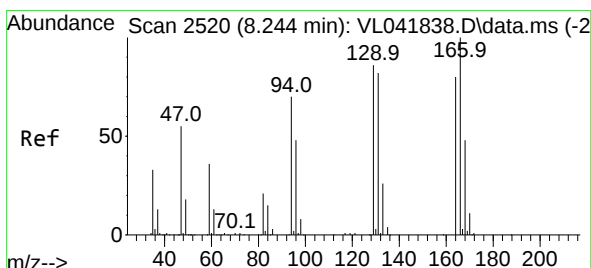
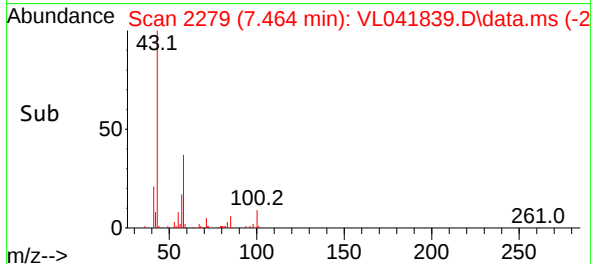
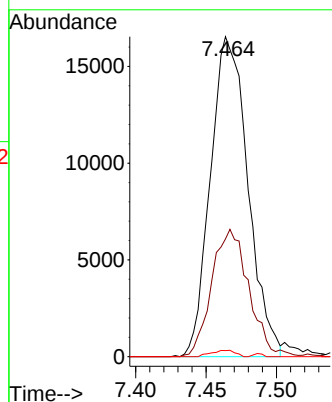
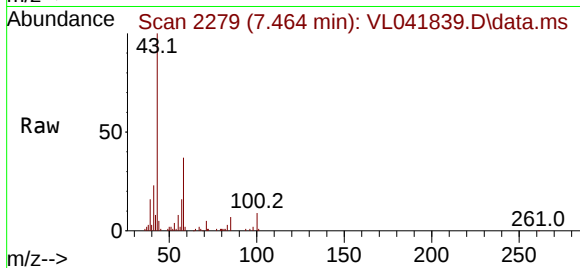




#51
2-Hexanone
Concen: 1.842 ppbv
RT: 7.464 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

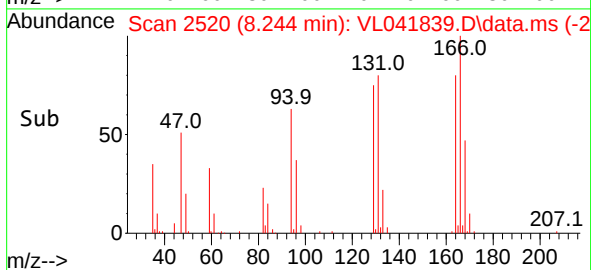
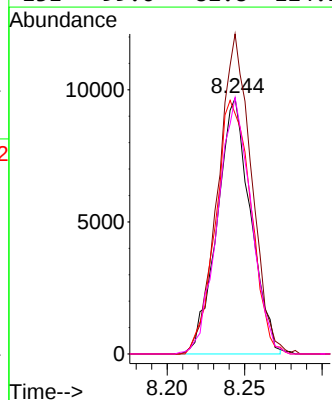
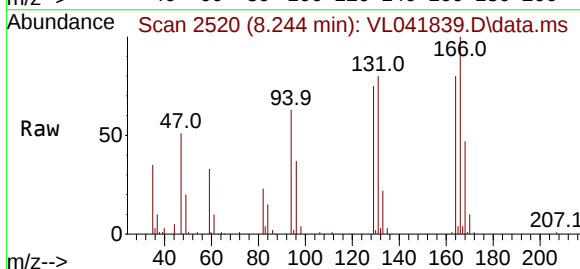
Instrument :
MSVOA_L
ClientSampleId :

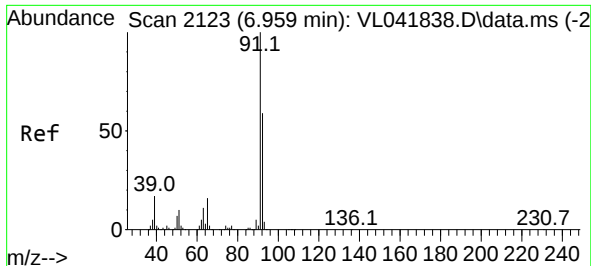
Tgt Ion: 43 Resp: 30631
Ion Ratio Lower Upper
43 100
58 39.7 33.8 50.8
98 1.5 0.7 1.1#



#52
Tetrachloroethene
Concen: 2.124 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion: 164 Resp: 14518
Ion Ratio Lower Upper
164 100
166 125.2 100.4 150.6
129 94.0 85.9 128.9
131 99.6 82.8 124.2

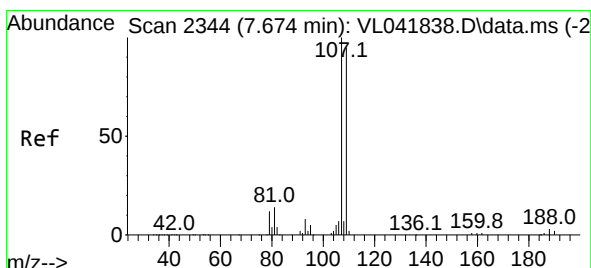
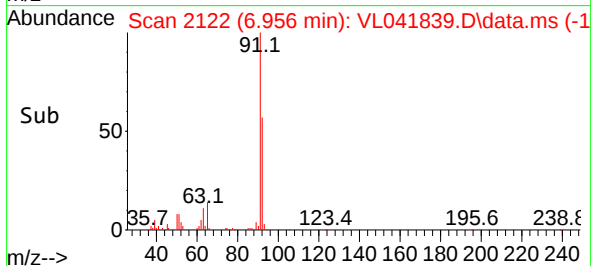
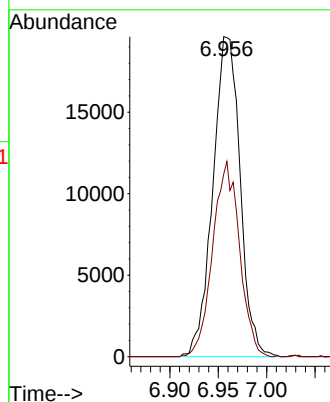
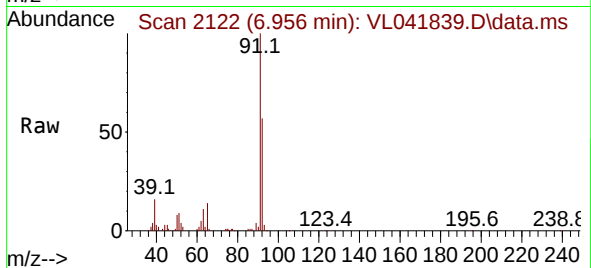




#53
Toluene
Concen: 1.874 ppbv
RT: 6.956 min Scan# 2122
Delta R.T. -0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

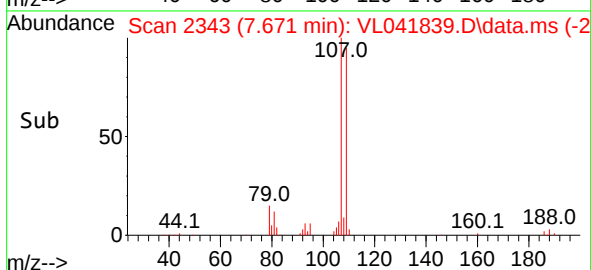
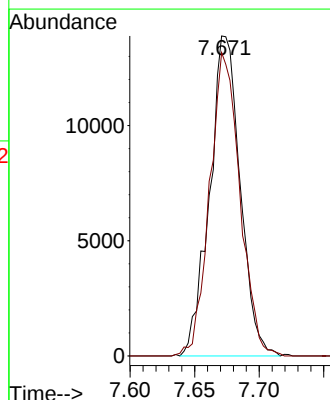
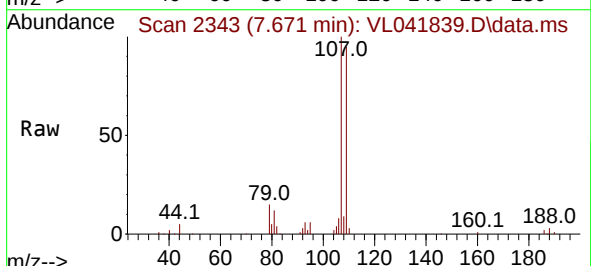
Instrument :
MSVOA_L
ClientSampleId :

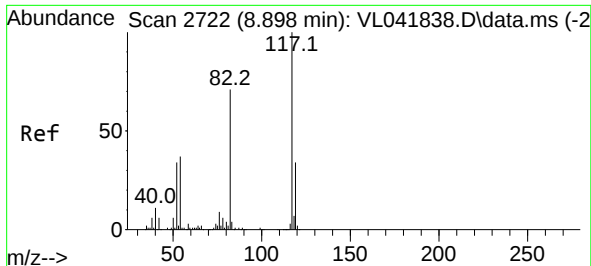
Tgt Ion: 91 Resp: 38482
Ion Ratio Lower Upper
91 100
92 60.1 47.8 71.6



#54
1,2-Dibromoethane
Concen: 1.983 ppbv
RT: 7.671 min Scan# 2343
Delta R.T. -0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

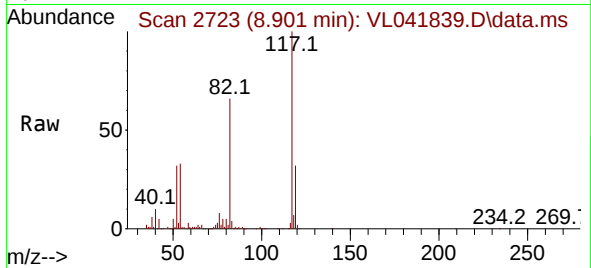
Tgt Ion: 107 Resp: 22893
Ion Ratio Lower Upper
107 100
109 94.1 75.9 113.9



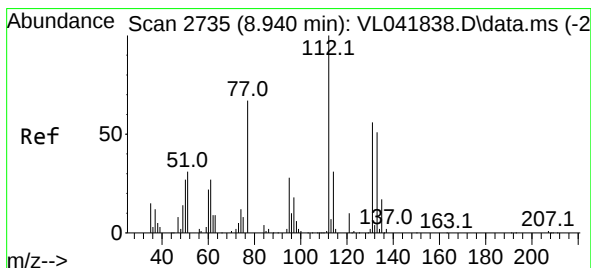
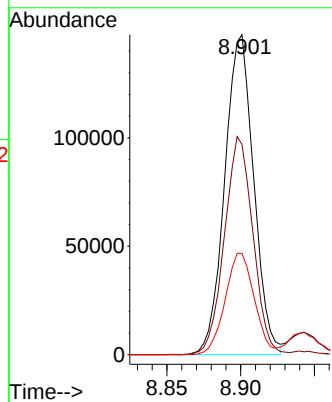
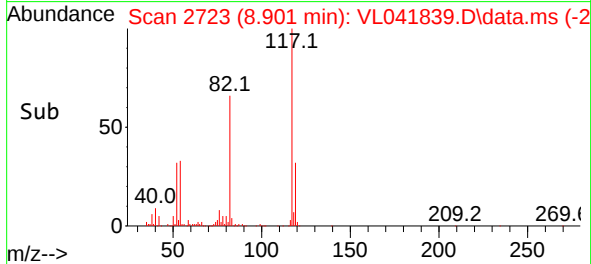


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

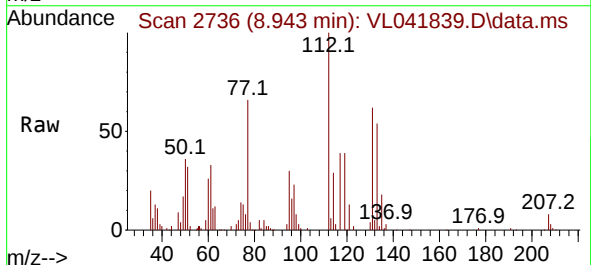
Instrument :
MSVOA_L
ClientSampleId :



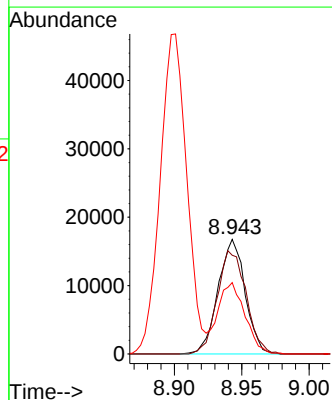
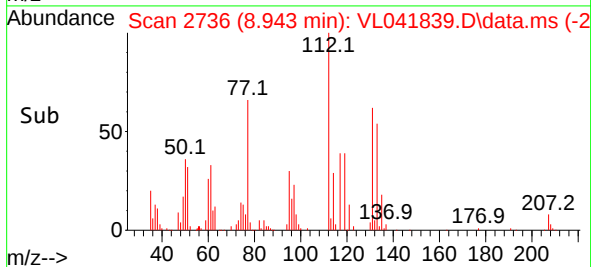
Tgt Ion:117 Resp: 201824
Ion Ratio Lower Upper
117 100
82 68.0 59.1 88.7
119 32.8 27.3 40.9

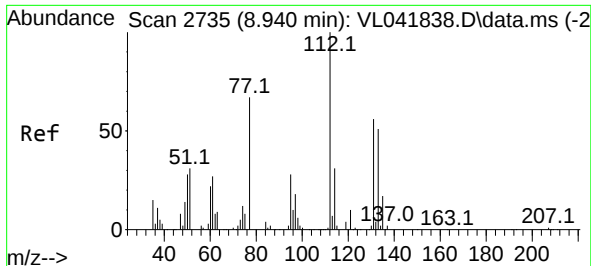


#56
1,1,1,2-Tetrachloroethane
Concen: 2.033 ppbv
RT: 8.943 min Scan# 2736
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51



Tgt Ion:131 Resp: 23388
Ion Ratio Lower Upper
131 100
133 96.3 77.3 115.9
119 60.0 50.6 76.0

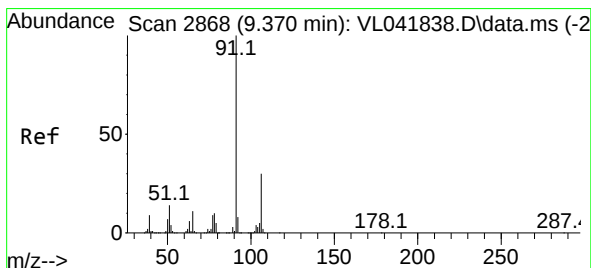
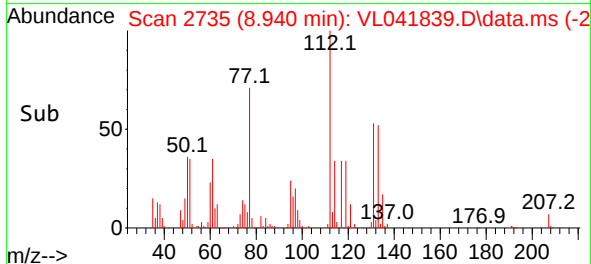
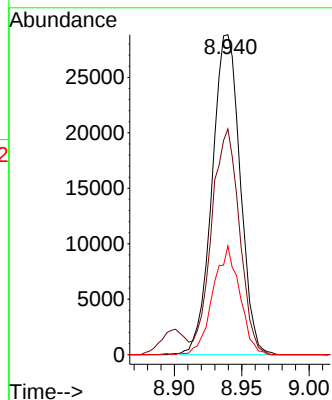
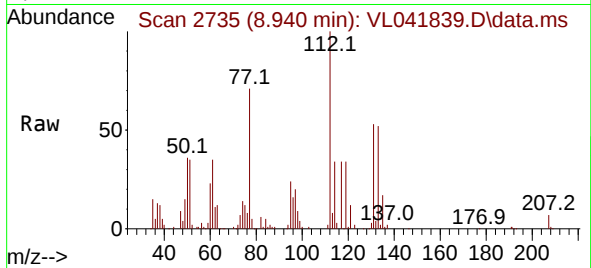




#57
Chlorobenzene
Concen: 1.980 ppbv
RT: 8.940 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

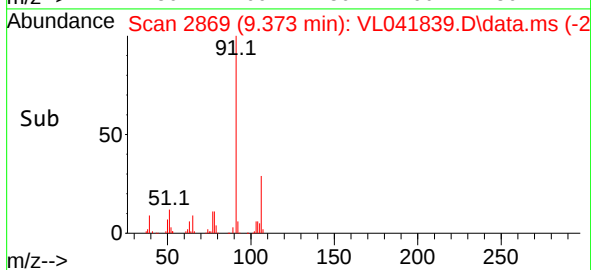
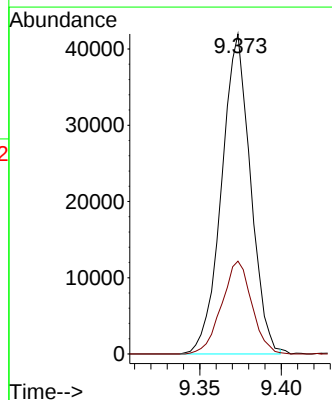
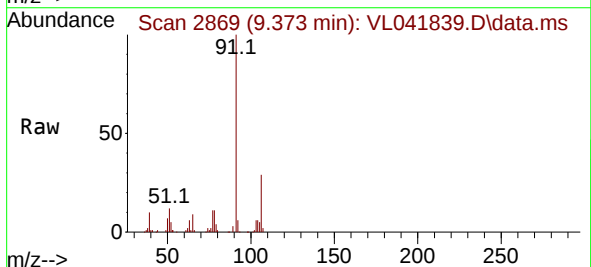
Instrument :
MSVOA_L
ClientSampleId :

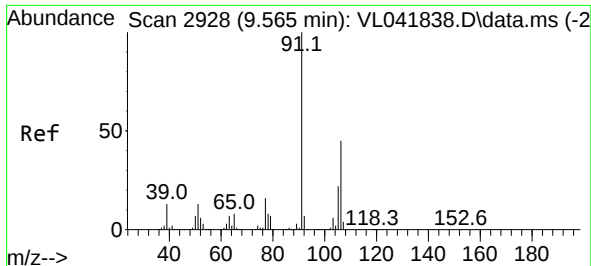
Tgt Ion:112 Resp: 41759
Ion Ratio Lower Upper
112 100
77 70.6 55.1 82.7
114 34.0 28.3 34.5



#58
Ethyl Benzene
Concen: 1.881 ppbv
RT: 9.373 min Scan# 2869
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion: 91 Resp: 51733
Ion Ratio Lower Upper
91 100
106 29.0 23.8 35.8





#59

m/p-Xylene

Concen: 2.416 ppbv

RT: 9.568 min Scan# 2928

Delta R.T. 0.003 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Instrument :

MSVOA_L

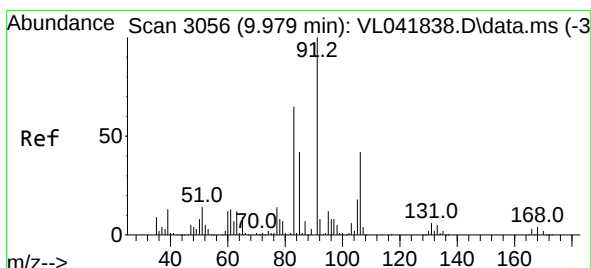
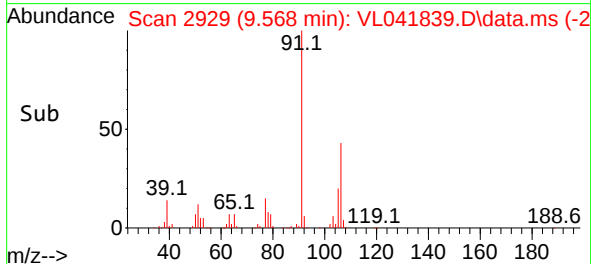
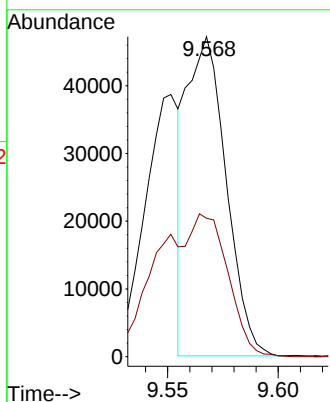
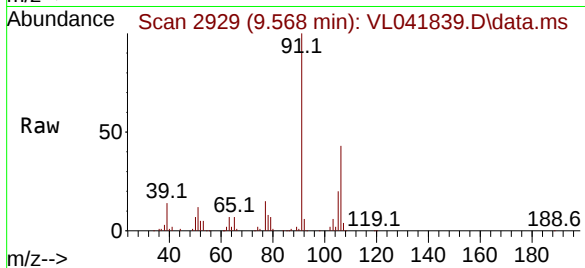
ClientSampleId :

Tgt Ion: 91 Resp: 58671

Ion Ratio Lower Upper

91 100

106 80.0 36.8 55.2#



#60

o-Xylene

Concen: 2.105 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. -0.000 min

Lab File: VL041839.D

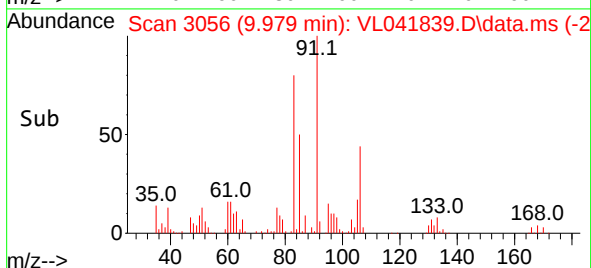
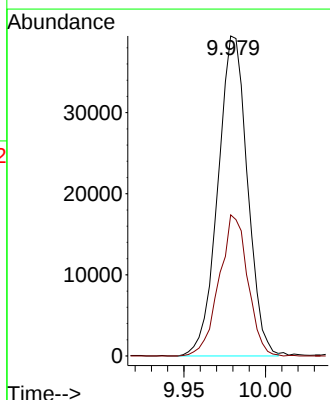
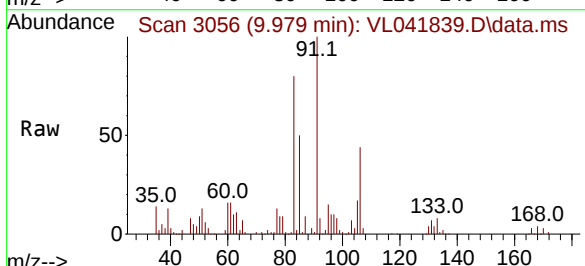
Acq: 07 Jan 2025 09:51

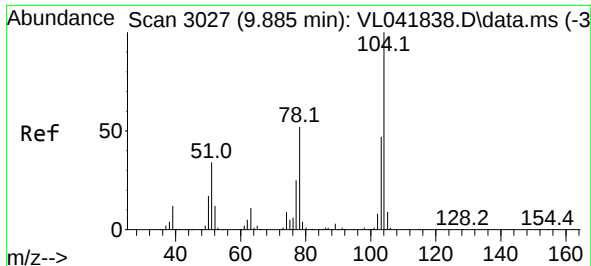
Tgt Ion: 91 Resp: 49709

Ion Ratio Lower Upper

91 100

106 42.6 21.9 65.5

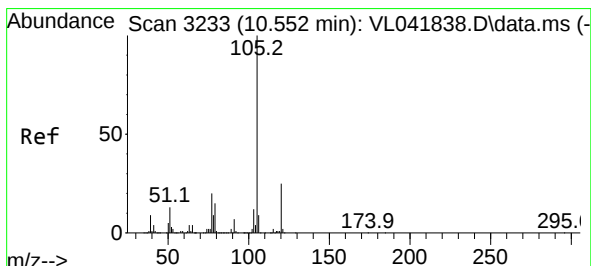
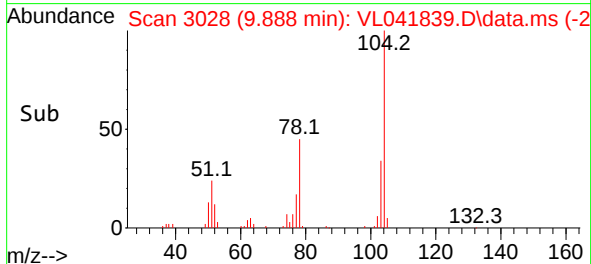
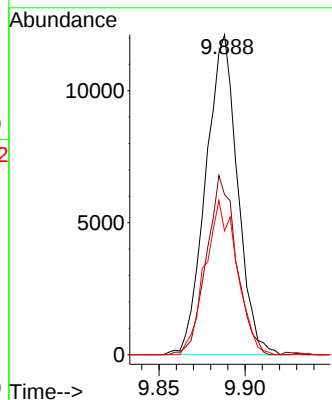
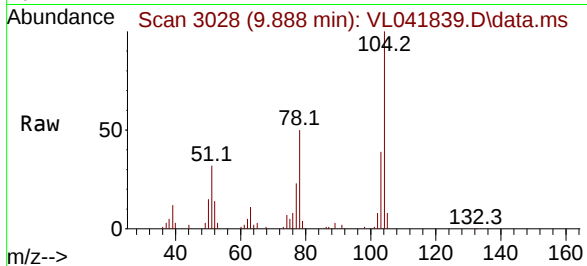




#61
Styrene
Concen: 1.690 ppbv
RT: 9.888 min Scan# 3027
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

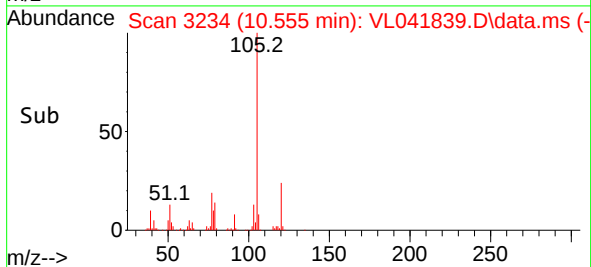
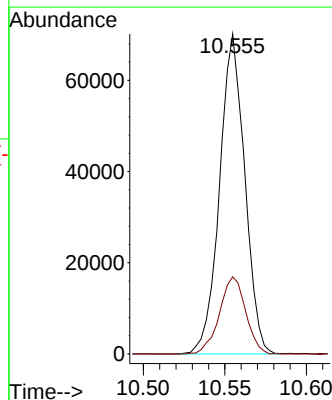
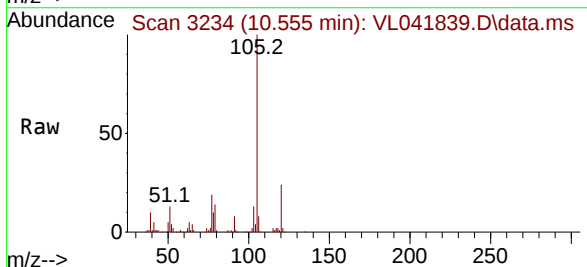
Instrument :
MSVOA_L
ClientSampleId :

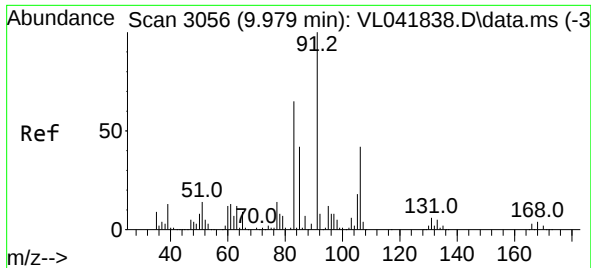
Tgt Ion:104 Resp: 15487
Ion Ratio Lower Upper
104 100
78 53.3 42.8 64.2
103 48.7 37.8 56.6



#62
Isopropylbenzene
Concen: 2.029 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion:105 Resp: 75283
Ion Ratio Lower Upper
105 100
120 25.1 20.4 30.6

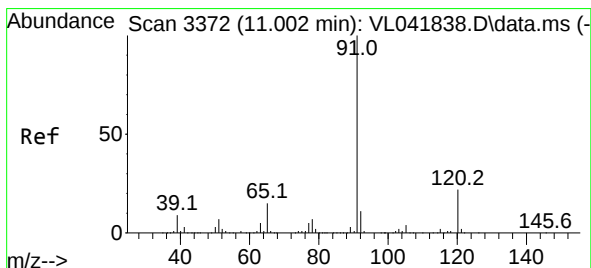
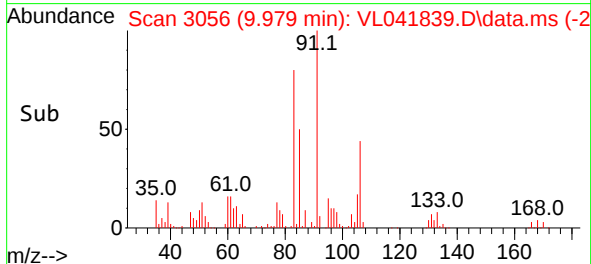
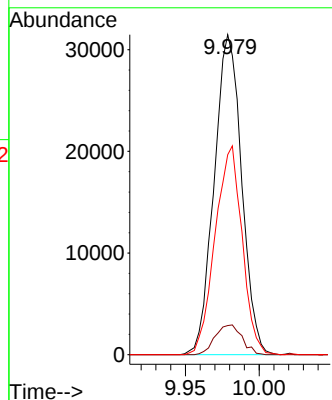
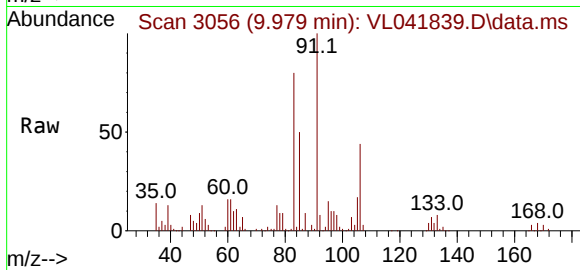




#63
1,1,2,2-Tetrachloroethane
Concen: 1.968 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

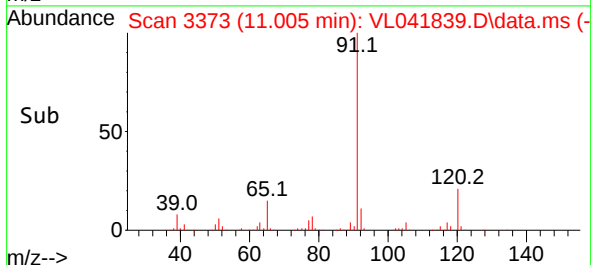
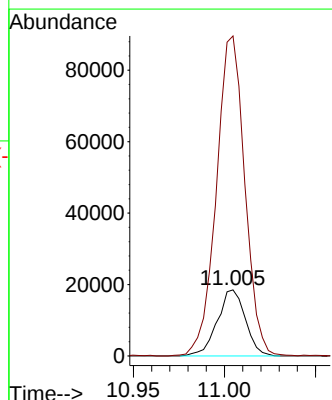
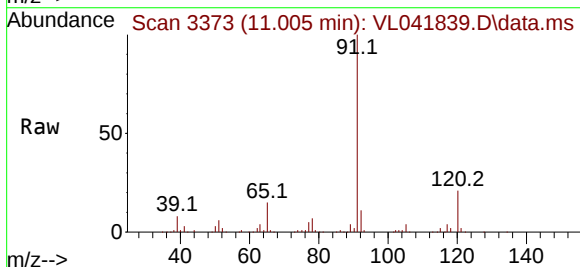
Instrument : MSVOA_L
ClientSampleId :

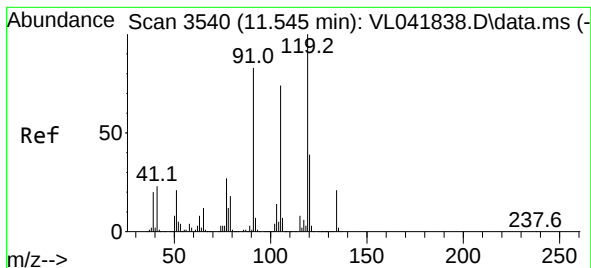
Tgt Ion: 83 Resp: 40760
Ion Ratio Lower Upper
83 100
131 9.1 4.8 14.3
85 64.3 31.9 95.9



#64
n-propylbenzene
Concen: 2.082 ppbv
RT: 11.005 min Scan# 3373
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion: 120 Resp: 19823
Ion Ratio Lower Upper
120 100
91 492.6 382.1 573.1

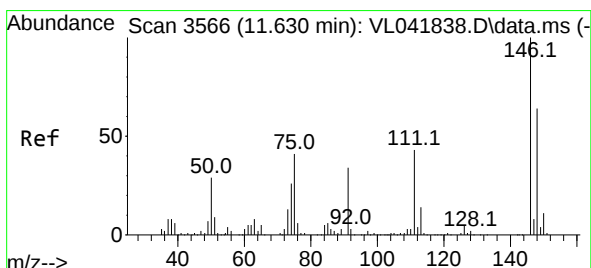
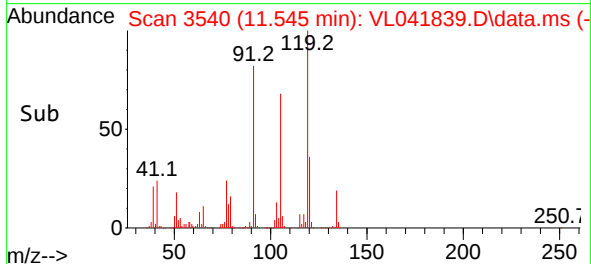
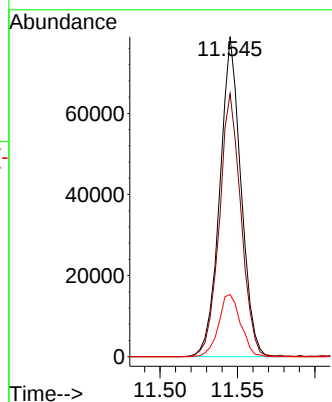
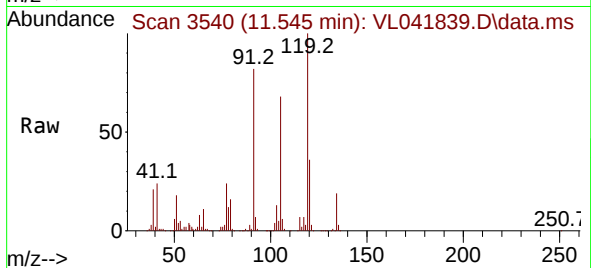




#65
tert-Butylbenzene
Concen: 2.243 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

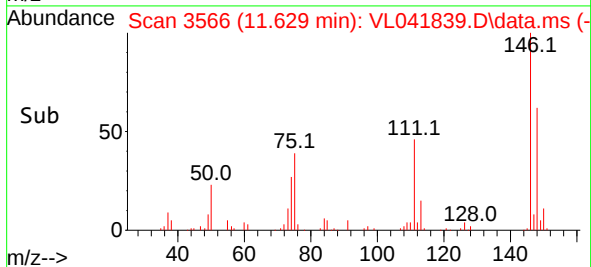
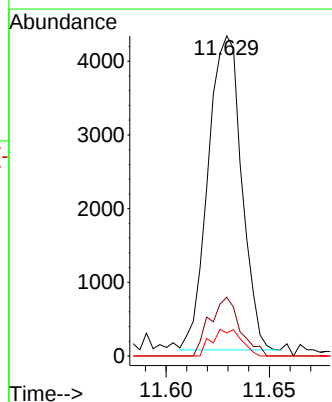
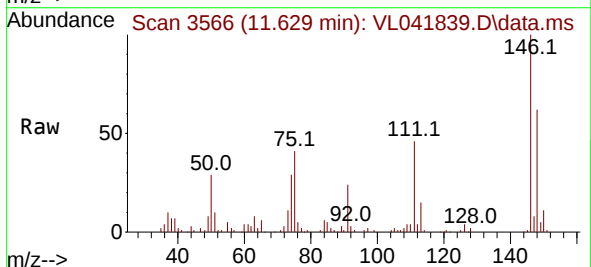
Instrument :
MSVOA_L
ClientSampleId :

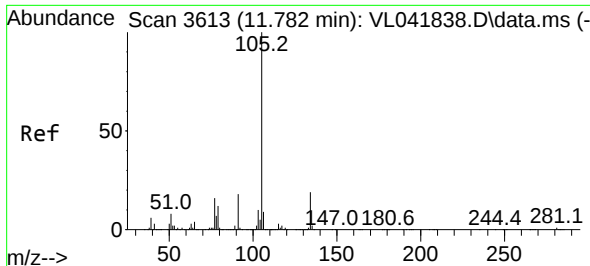
Tgt Ion:119 Resp: 74996
Ion Ratio Lower Upper
119 100
91 84.1 68.0 102.0
134 20.2 16.2 24.4



#66
Benzyl Chloride
Concen: 1.723 ppbv
RT: 11.629 min Scan# 3566
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion: 91 Resp: 4815
Ion Ratio Lower Upper
91 100
126 16.9 12.1 18.1
128 7.5 4.3 6.5#

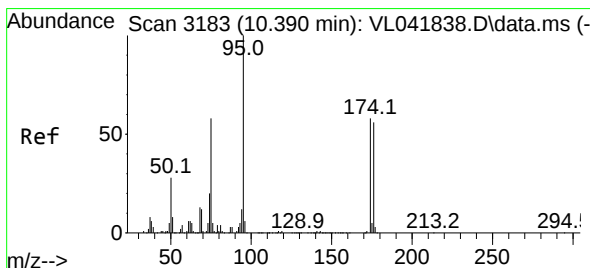
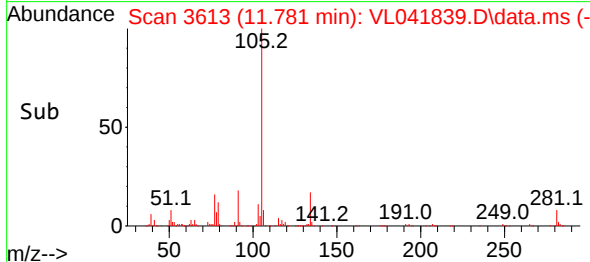
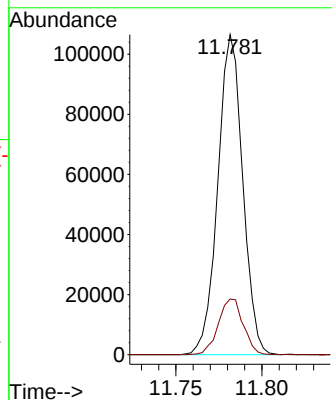
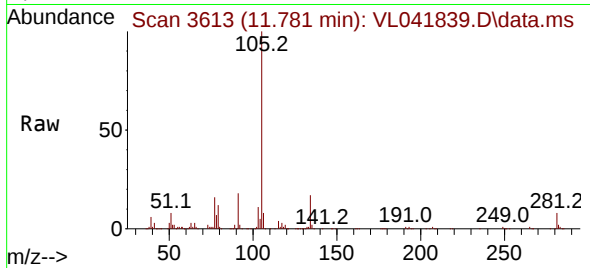




#67
 sec-Butylbenzene
 Concen: 2.198 ppbv
 RT: 11.781 min Scan# 3613
 Delta R.T. -0.000 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

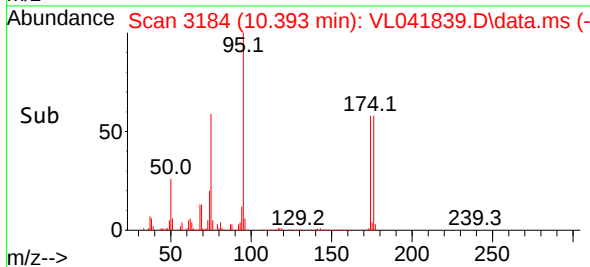
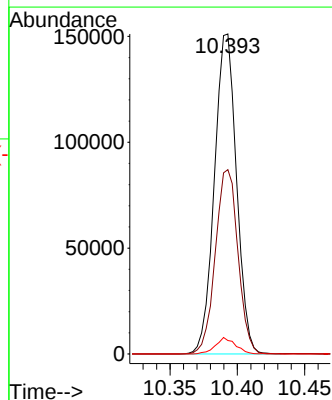
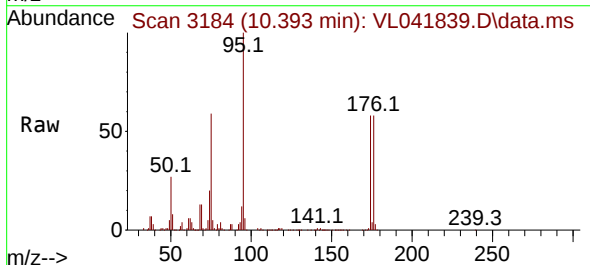
Instrument :
 MSVOA_L
 ClientSampleId :

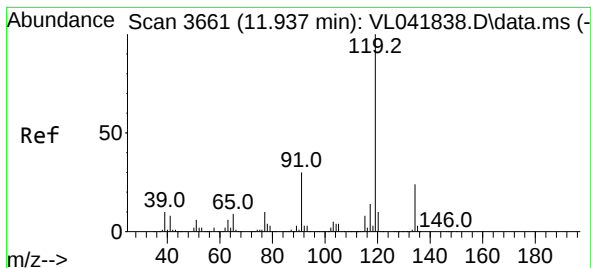
Tgt Ion:105 Resp: 107222
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.6 22.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.990 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. 0.003 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

Tgt Ion: 95 Resp: 172685
 Ion Ratio Lower Upper
 95 100
 174 58.9 47.6 71.4
 175 4.6 3.8 5.6





#69

p-Isopropyltoluene

Concen: 2.171 ppbv

RT: 11.940 min Scan# 3662

Delta R.T. 0.003 min

Lab File: VL041839.D

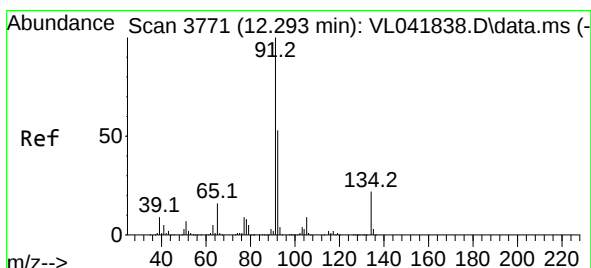
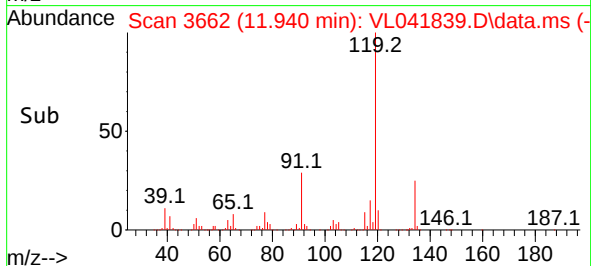
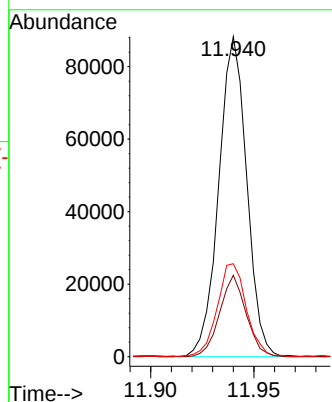
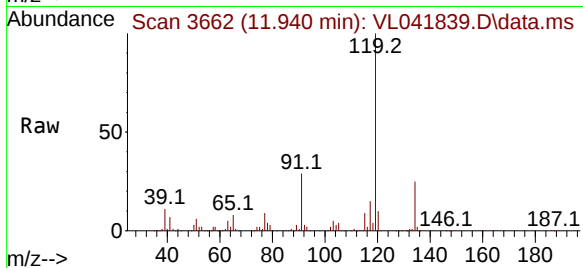
Acq: 07 Jan 2025 09:51

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	83161
Ion Ratio	Lower	Upper	
119	100		
134	24.1	19.4	29.2
91	30.8	24.0	36.0



#70

n-Butylbenzene

Concen: 2.197 ppbv

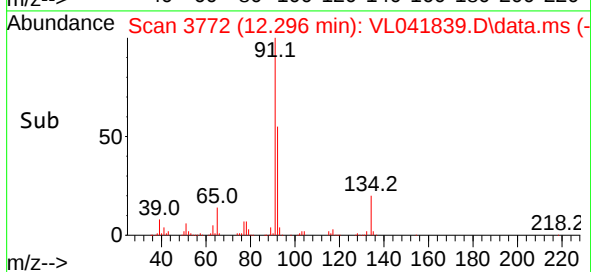
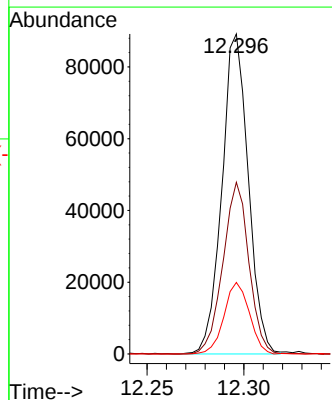
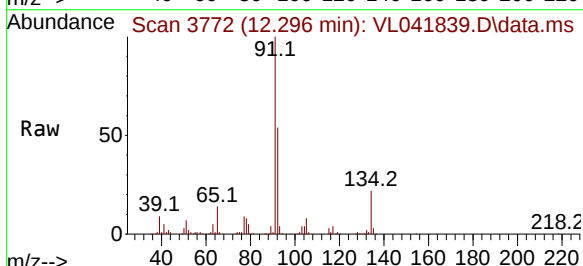
RT: 12.296 min Scan# 3772

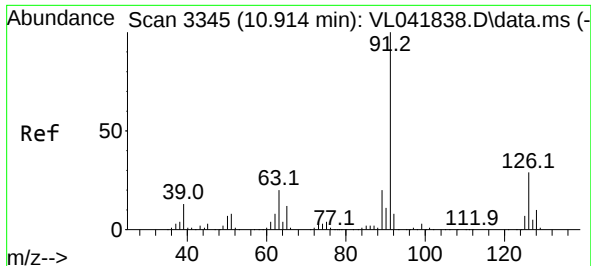
Delta R.T. 0.003 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Tgt Ion:	91	Resp:	84529
Ion Ratio	Lower	Upper	
91	100		
92	52.8	42.8	64.2
134	21.5	17.8	26.6

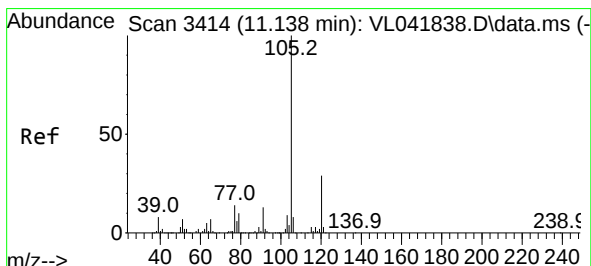
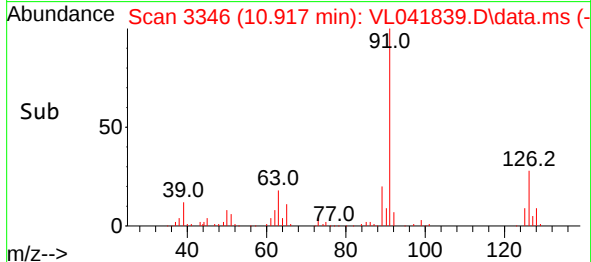
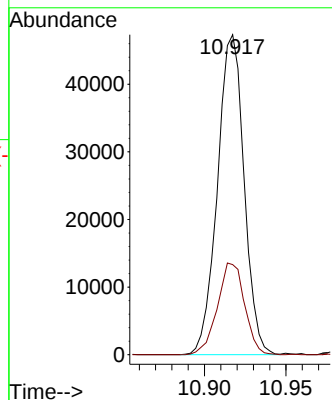
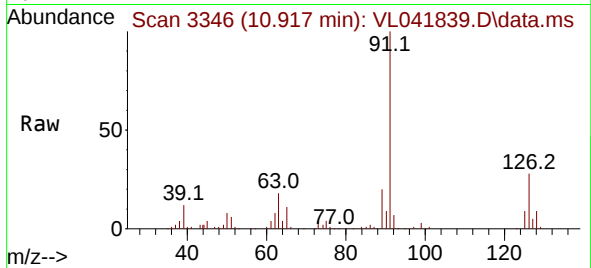




#71
2-Chlorotoluene
Concen: 1.994 ppbv
RT: 10.917 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

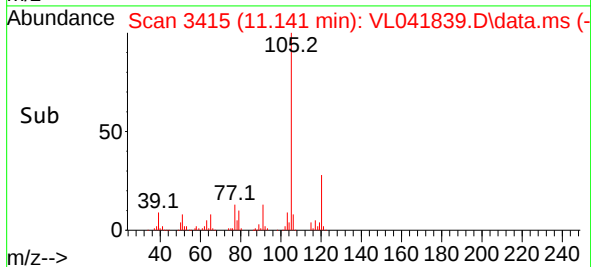
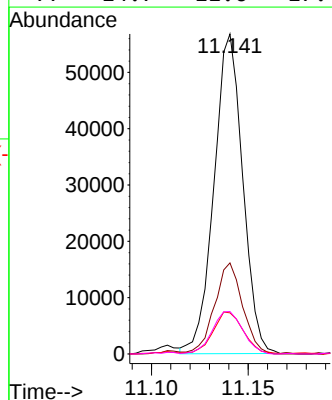
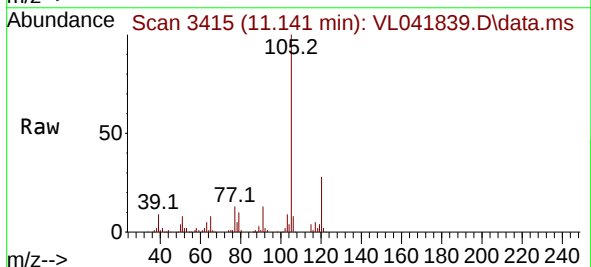
Instrument :
MSVOA_L
ClientSampleId :

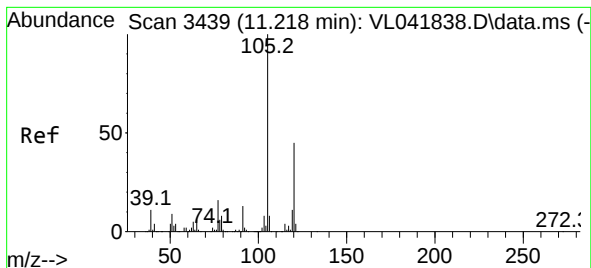
Tgt Ion: 91 Resp: 53695
Ion Ratio Lower Upper
91 100
126 29.3 11.6 46.6



#72
4-Ethyltoluene
Concen: 2.047 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion: 105 Resp: 58453
Ion Ratio Lower Upper
105 100
120 28.5 23.4 35.2
91 14.9 10.8 16.2
77 14.7 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 2.062 ppbv

RT: 11.218 min Scan# 3439

Delta R.T. -0.000 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Instrument :

MSVOA_L

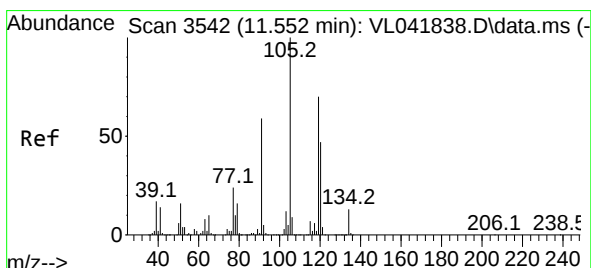
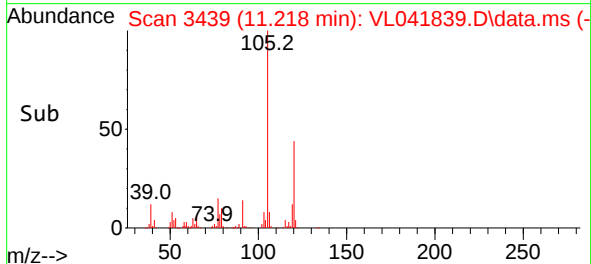
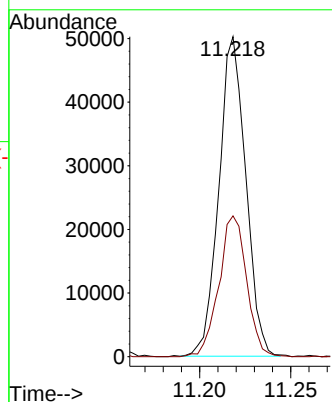
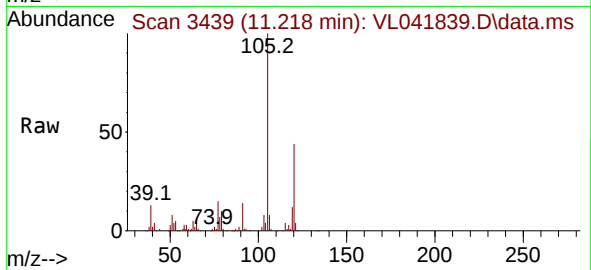
ClientSampleId :

Tgt Ion:105 Resp: 51583

Ion Ratio Lower Upper

105 100

120 44.1 35.9 53.9



#74

1,2,4-Trimethylbenzene

Concen: 2.255 ppbv

RT: 11.548 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Tgt Ion:105 Resp: 65350

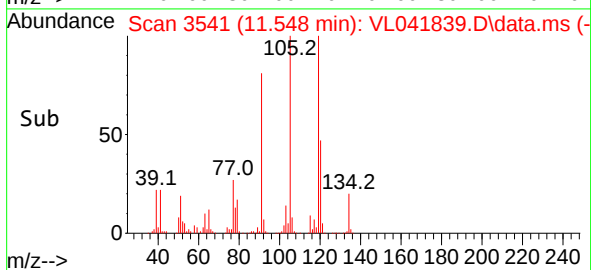
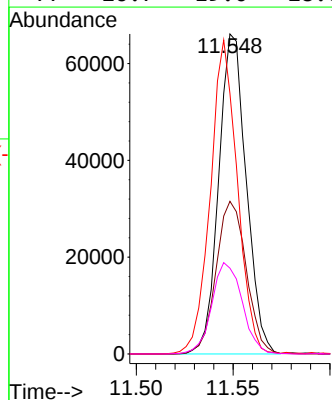
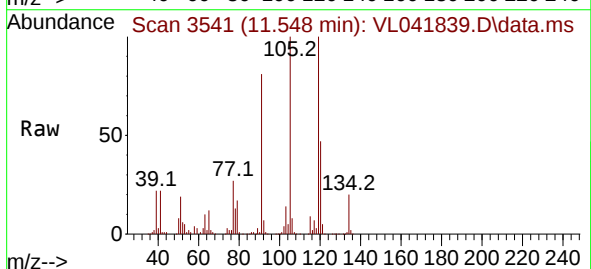
Ion Ratio Lower Upper

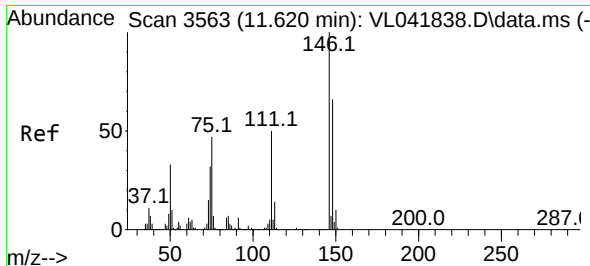
105 100

120 47.5 37.4 56.0

91 81.1 47.4 71.2#

77 26.7 19.0 28.6

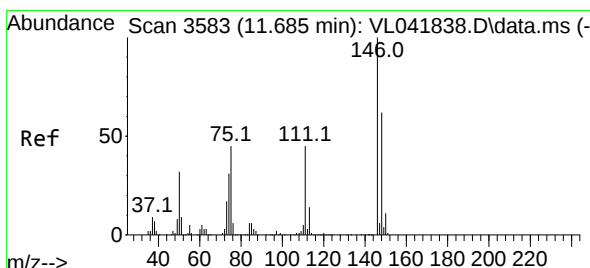
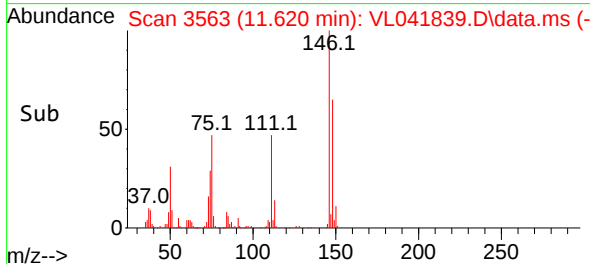
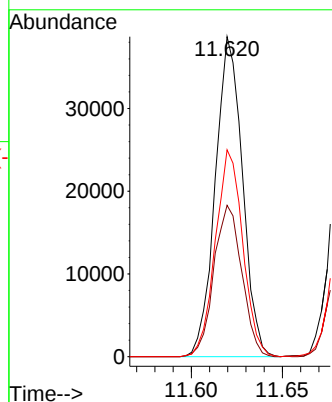
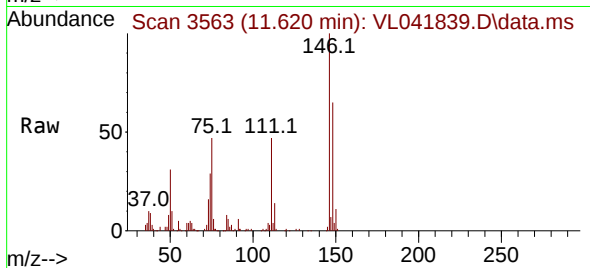




#75
1,3-Dichlorobenzene
Concen: 2.064 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

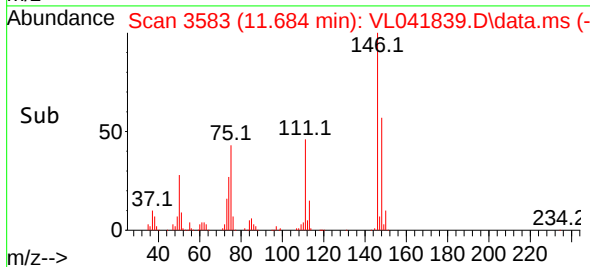
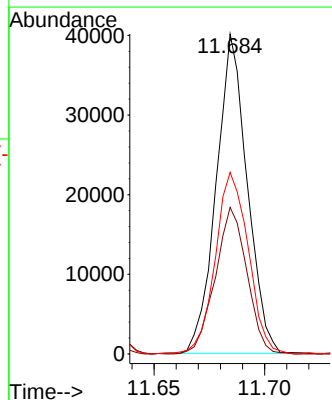
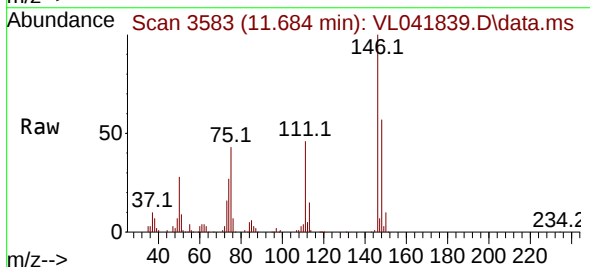
Instrument :
MSVOA_L
ClientSampleId :

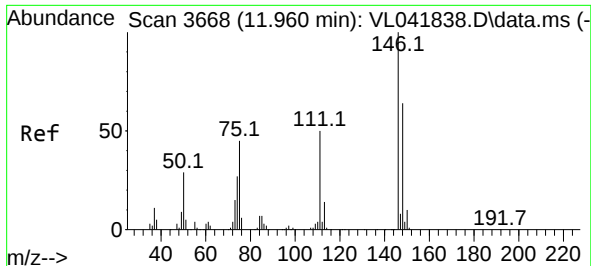
Tgt Ion:146 Resp: 40038
Ion Ratio Lower Upper
146 100
111 48.7 24.1 72.2
148 65.2 32.0 96.0



#76
1,4-Dichlorobenzene
Concen: 2.085 ppbv
RT: 11.684 min Scan# 3583
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion:146 Resp: 38915
Ion Ratio Lower Upper
146 100
111 46.9 23.2 69.6
148 61.0 32.1 96.3

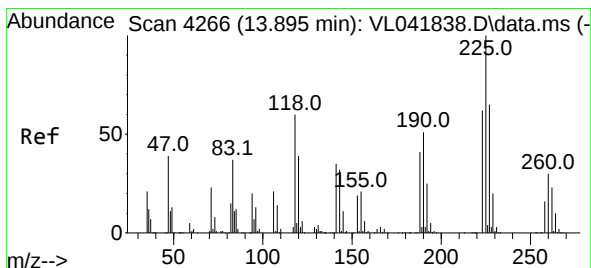
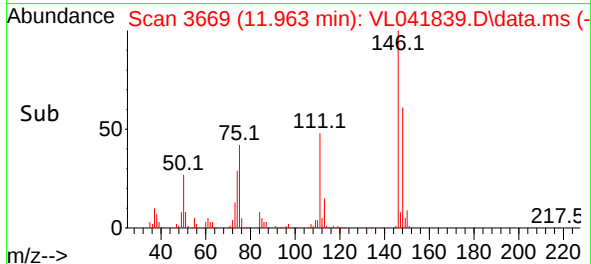
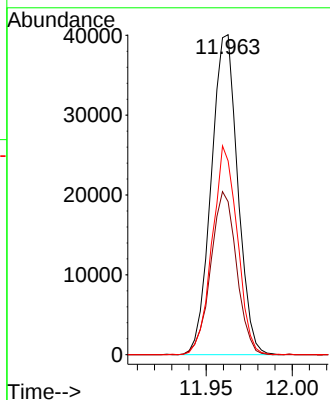
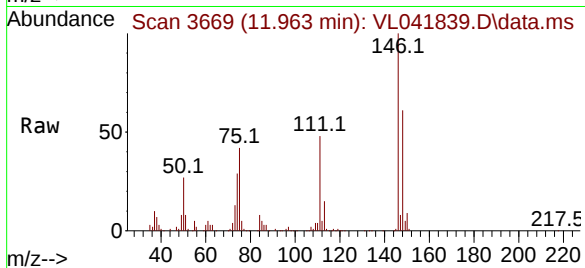




#77
1,2-Dichlorobenzene
Concen: 2.121 ppbv
RT: 11.963 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

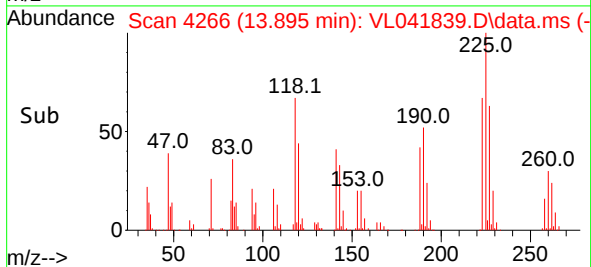
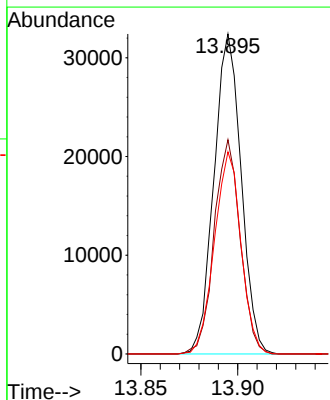
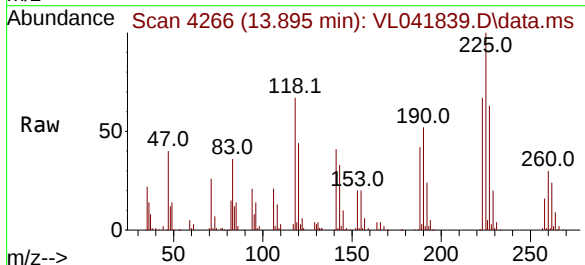
Instrument :
MSVOA_L
ClientSampleId :

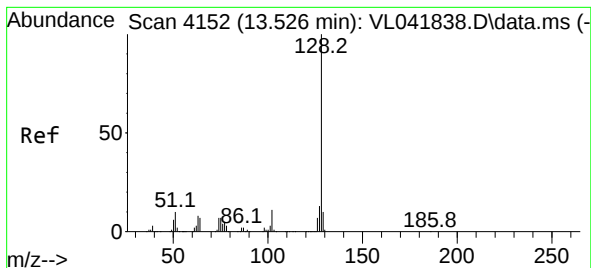
Tgt Ion:146 Resp: 42869
Ion Ratio Lower Upper
146 100
111 49.7 24.7 74.1
148 61.9 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 2.208 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion:225 Resp: 31681
Ion Ratio Lower Upper
225 100
223 63.9 50.4 75.6
227 61.7 51.2 76.8





#79

Naphthalene

Concen: 2.452 ppbv

RT: 13.526 min Scan# 4152

Delta R.T. -0.000 min

Lab File: VL041839.D

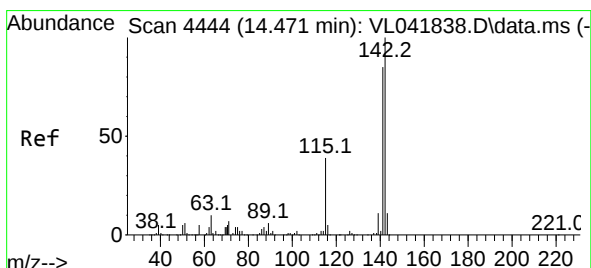
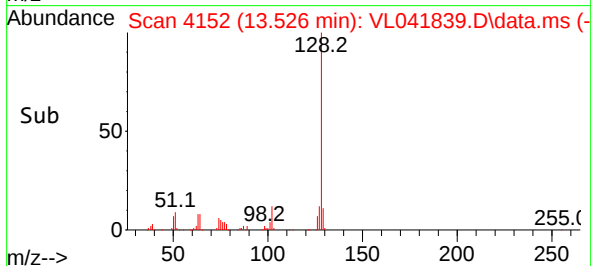
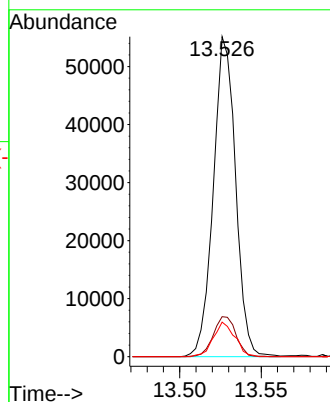
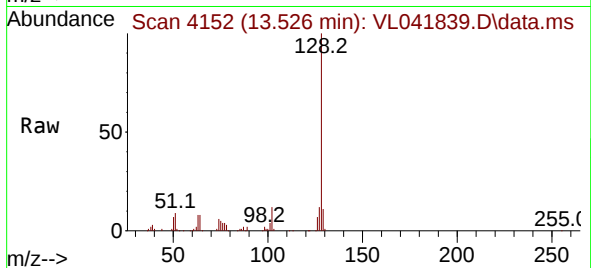
Acq: 07 Jan 2025 09:51

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	128	Resp:	52334
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.5	15.7
129	10.8	8.2	12.4



#80

Naphthalene, 2-methyl-

Concen: 2.011 ppbv

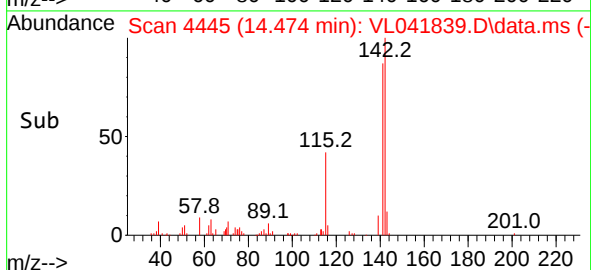
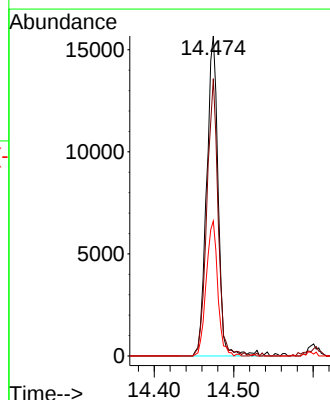
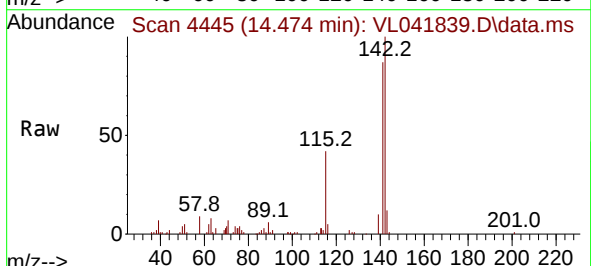
RT: 14.474 min Scan# 4445

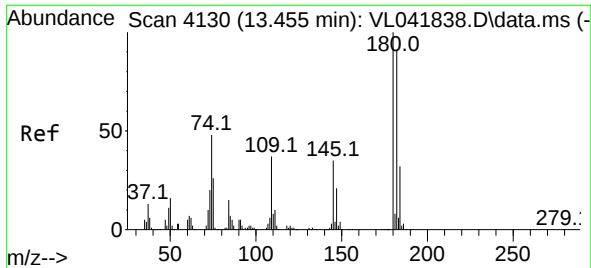
Delta R.T. 0.003 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Tgt Ion:	142	Resp:	15888
Ion	Ratio	Lower	Upper
142	100		
141	84.5	67.8	101.6
115	42.1	32.7	49.1





#81

1,2,4-Trichlorobenzene

Concen: 2.240 ppbv

RT: 13.455 min Scan# 41

Delta R.T. -0.000 min

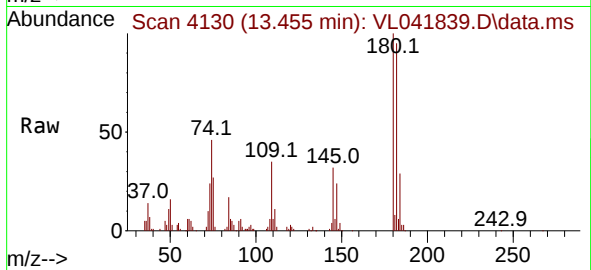
Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 26499

Ion Ratio Lower Upper

180 100

182 96.4 75.9 113.9

184 30.7 24.8 37.2

