

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101725\
 Data File : VL043131.D
 Acq On : 17 Oct 2025 08:24
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Oct 18 04:29:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Oct 15 02:12:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.791	49	87622	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	276096	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	239931	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	200022	10.725	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	140631	11.289	ppbv	99
3) Chlorodifluoromethane	1.476	51	131201	9.735	ppbv	93
4) Chloromethane	1.535	50	48179	9.763	ppbv	99
5) Vinyl Chloride	1.583	62	48427	10.005	ppbv	100
6) Bromomethane	1.671	94	27901	10.512	ppbv	95
7) Chloroethane	1.706	64	19968	10.090	ppbv	96
8) Dichlorotetrafluoroethane	1.557	85	111627	11.087	ppbv	97
9) Propene	1.486	41	46721	7.816	ppbv	100
10) Heptane	4.982	43	136302	7.921	ppbv	95
11) Trichlorofluoromethane	1.881	101	147966	12.144	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.143	101	112518	11.470	ppbv	97
13) Ethanol	1.722	45	17196	7.777	ppbv	99
14) Bromoethene	1.784	108	39877	10.943	ppbv	100
15) Acetone	1.836	43	112608	9.535	ppbv	98
16) 1,3-Butadiene	1.612	39	54287	9.645	ppbv	97
17) tert-Butyl alcohol	2.040	59	170664	10.527	ppbv	98
18) 1,1-Dichloroethene	2.036	96	48379	11.312	ppbv	92
19) Isopropyl Alcohol	1.888	45	70309	9.559	ppbv	99
20) Methylene Chloride	2.062	84	42709	9.149	ppbv	93
21) Allyl Chloride	2.098	41	88018	10.114	ppbv	91
22) trans-1,2-Dichloroethene	2.344	96	56366	11.026	ppbv	96
23) Vinyl Acetate	2.464	43	162876	9.415	ppbv	98
24) 1,1-Dichloroethane	2.412	63	108234	10.958	ppbv	98
25) Ethyl Acetate	2.836	43	260741	8.903	ppbv	99
26) Hexane	2.829	57	123038	9.117	ppbv	95
27) Carbon Disulfide	2.153	76	135574	10.965	ppbv	99
28) Methyl tert-Butyl Ether	2.441	73	61396	10.000	ppbv	96
29) Chloroform	2.849	83	212817	10.884	ppbv	94
30) Cyclohexane	3.859	84	105292	8.939	ppbv	94
31) cis-1,2-Dichloroethene	2.723	61	133927	10.393	ppbv	98
32) 1,1,1-Trichloroethane	3.370	97	223202	10.961	ppbv	99
34) 2-Butanone	2.558	43	171562	9.244	ppbv	97
35) Carbon Tetrachloride	3.765	117	230394	11.607	ppbv	96
36) Benzene	3.661	78	250456	9.631	ppbv	96
37) 1,2-Dichloroethane	3.221	62	171852	11.472	ppbv #	96
38) Trichloroethene	4.555	130	97313	8.960	ppbv	97
39) 1,2-Dichloropropane	4.315	63	86735	9.124	ppbv	91
40) 1,4-Dioxane	4.580	88	38012	8.935	ppbv #	95
41) Tetrahydrofuran	3.056	42	86924	8.374	ppbv	94
42) Bromodichloromethane	4.493	83	230410	11.113	ppbv	98
43) Methyl Methacrylate	4.881	69	123563	9.356	ppbv	95
44) 2,2,4-Trimethylpentane	4.642	57	396779	9.044	ppbv	98
45) t-1,3-Dichloropropene	6.419	75	135045	10.189	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101725\
 Data File : VL043131.D
 Acq On : 17 Oct 2025 08:24
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 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

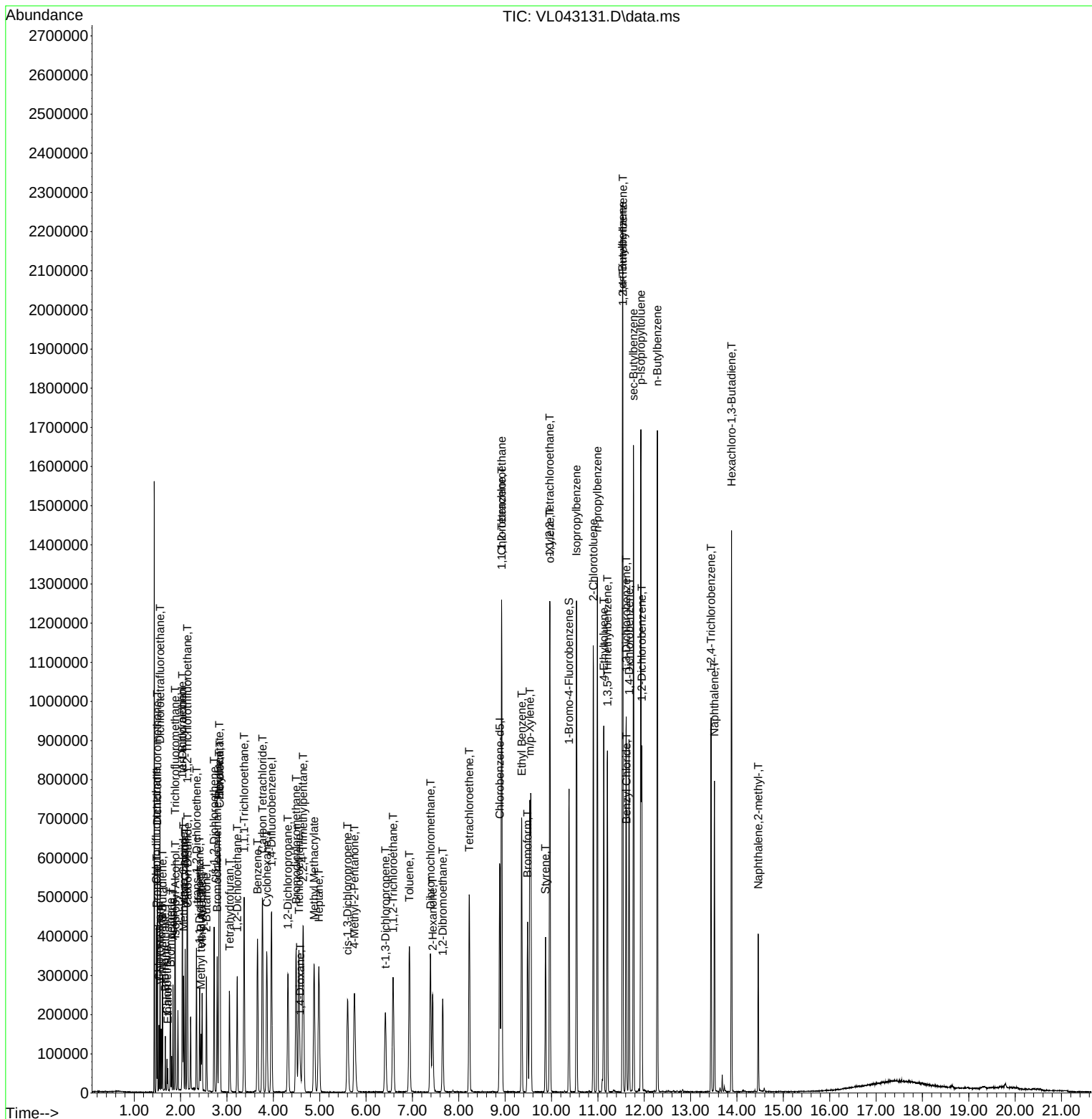
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

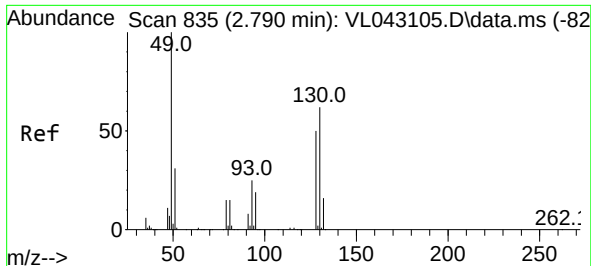
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Oct 15 02:12:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.600	75	153105	9.670	ppbv	97
47) 1,1,2-Trichloroethane	6.584	97	99273	9.670	ppbv	96
48) Dibromochloromethane	7.390	129	180203	10.498	ppbv	98
49) Bromoform	9.484	173	144714	10.372	ppbv	99
50) 4-Methyl-2-Pentanone	5.749	43	221652	8.654	ppbv	100
51) 2-Hexanone	7.438	43	165641	8.622	ppbv #	100
52) Tetrachloroethene	8.228	164	85114	9.077	ppbv	96
53) Toluene	6.933	91	282121	9.141	ppbv	100
54) 1,2-Dibromoethane	7.655	107	154849	9.630	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.927	131	159241	10.528	ppbv	98
57) Chlorobenzene	8.924	112	216866	9.662	ppbv	97
58) Ethyl Benzene	9.358	91	409155	9.936	ppbv	98
59) m/p-Xylene	9.532	91	338311	10.301	ppbv #	29
60) o-Xylene	9.966	91	325784	10.043	ppbv	98
61) Styrene	9.869	104	139546	9.530	ppbv	97
62) Isopropylbenzene	10.539	105	592251	10.104	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.963	83	201670	9.285	ppbv	99
64) n-propylbenzene	10.989	120	147159	9.483	ppbv	89
65) tert-Butylbenzene	11.533	119	498070	9.622	ppbv	93
66) Benzyl Chloride	11.617	91	51637	8.964	ppbv	97
67) sec-Butylbenzene	11.769	105	720911	9.814	ppbv	98
69) p-Isopropyltoluene	11.928	119	603162	9.662	ppbv	97
70) n-Butylbenzene	12.284	91	615055	9.998	ppbv	98
71) 2-Chlorotoluene	10.902	91	443473	9.920	ppbv	98
72) 4-Ethyltoluene	11.128	105	400537	10.042	ppbv	97
73) 1,3,5-Trimethylbenzene	11.206	105	335378	10.196	ppbv	95
74) 1,2,4-Trimethylbenzene	11.539	105	360377	9.790	ppbv	92
75) 1,3-Dichlorobenzene	11.610	146	207444	9.716	ppbv	99
76) 1,4-Dichlorobenzene	11.672	146	209711	9.741	ppbv	99
77) 1,2-Dichlorobenzene	11.947	146	195192	9.451	ppbv	98
78) Hexachloro-1,3-Butadiene	13.883	225	136548	8.539	ppbv	99
79) Naphthalene	13.514	128	357522	9.292	ppbv	98
80) Naphthalene,2-methyl-	14.459	142	109340	10.908	ppbv	95
81) 1,2,4-Trichlorobenzene	13.442	180	149848	9.383	ppbv	98

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

Quant Time: Oct 18 04:29:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
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QLast Update : Wed Oct 15 02:12:58 2025
Response via : Initial Calibration

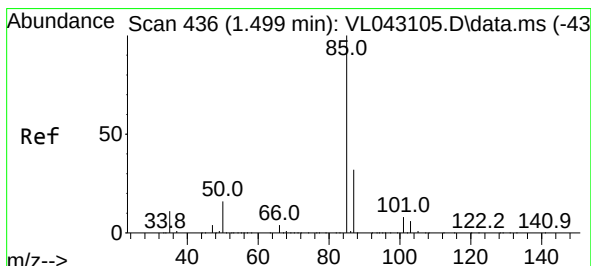
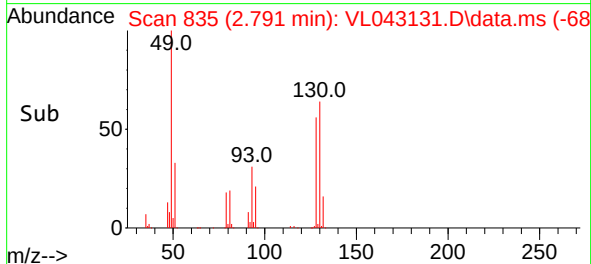
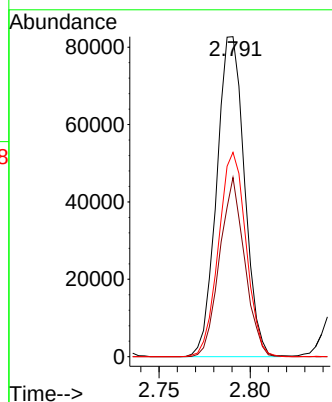
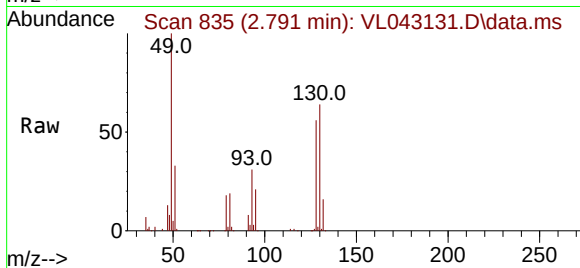




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.791 min Scan# 81
Delta R.T. 0.001 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

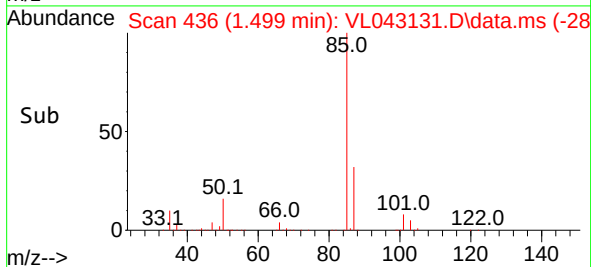
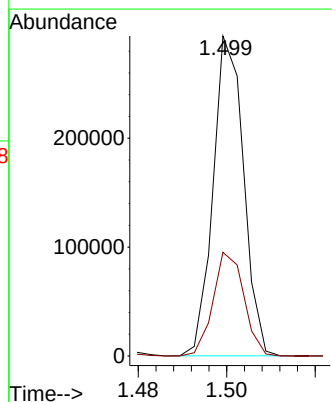
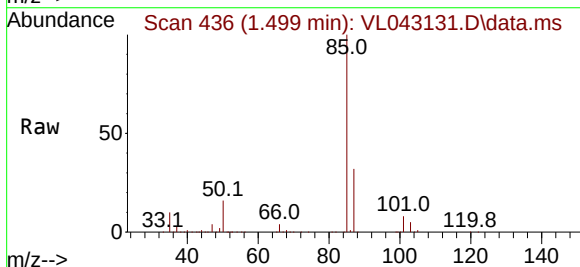
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

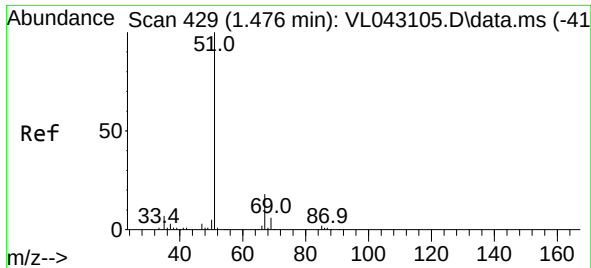
Tgt Ion: 49 Resp: 87622
Ion Ratio Lower Upper
49 100
128 50.4 24.4 73.4
130 63.3 31.0 93.0



#2
Dichlorodifluoromethane
Concen: 11.289 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

Tgt Ion: 85 Resp: 140631
Ion Ratio Lower Upper
85 100
87 32.4 25.3 37.9

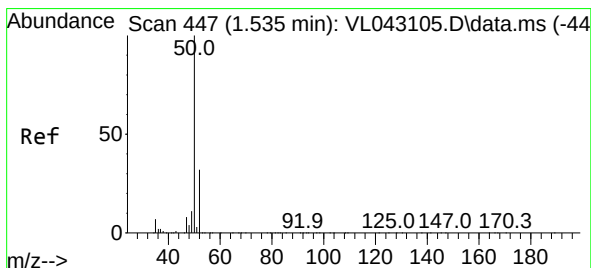
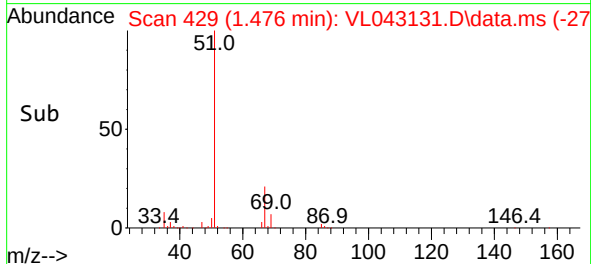
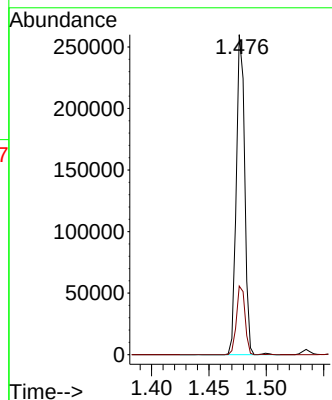
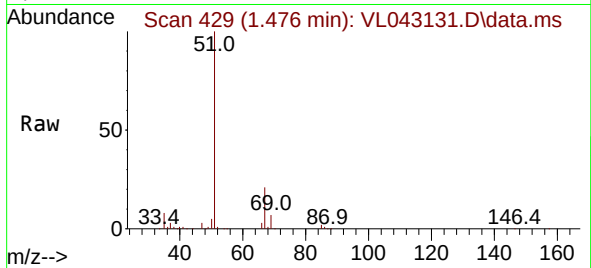




#3
Chlorodifluoromethane
Concen: 9.735 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

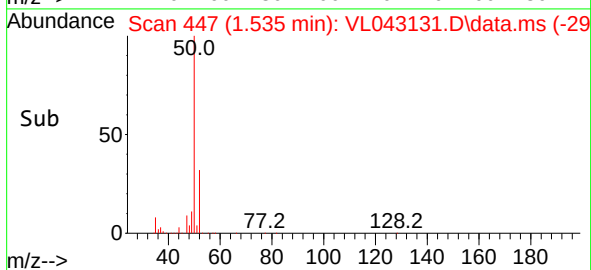
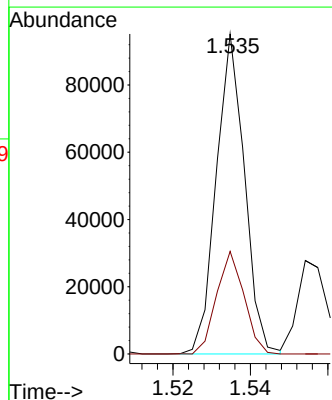
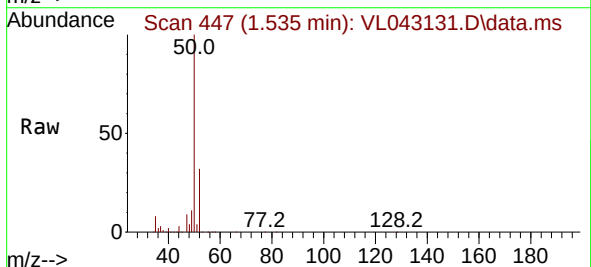
Instrument :
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ClientSampleId :
VSTDCCC010

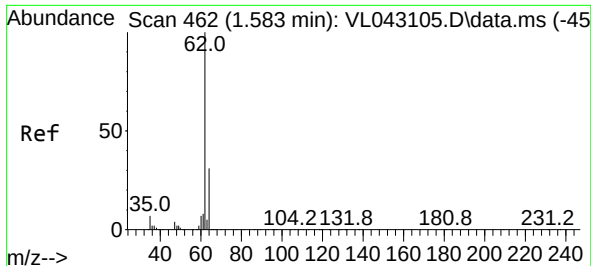
Tgt Ion: 51 Resp: 131201
Ion Ratio Lower Upper
51 100
67 22.1 15.1 22.7



#4
Chloromethane
Concen: 9.763 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

Tgt Ion: 50 Resp: 48179
Ion Ratio Lower Upper
50 100
52 32.1 25.2 37.8

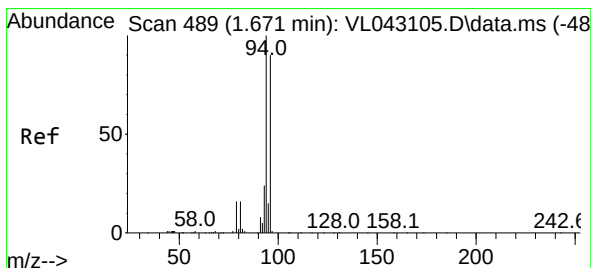
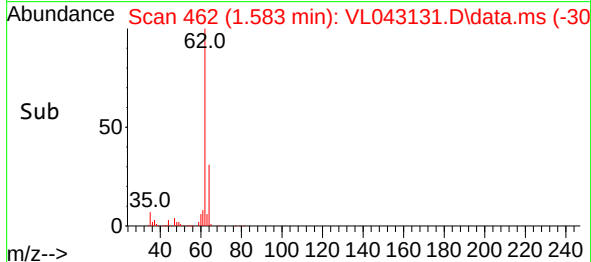
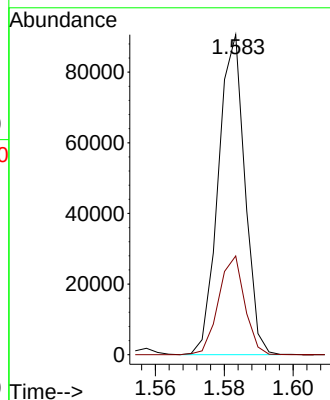
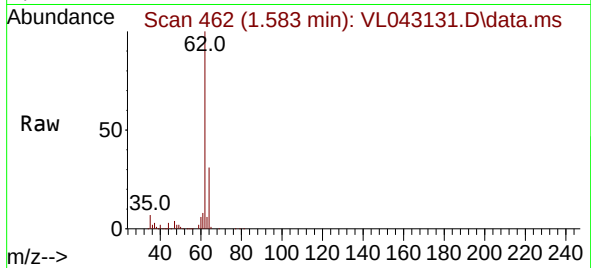




#5
 Vinyl Chloride
 Concen: 10.005 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL043131.D
 Acq: 17 Oct 2025 08:24

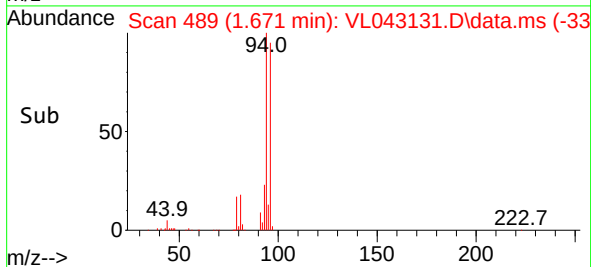
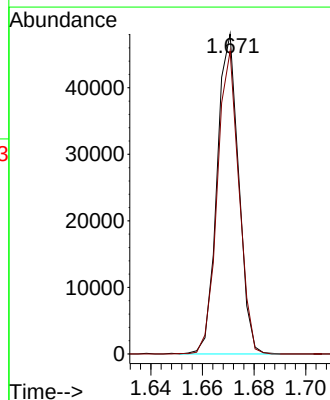
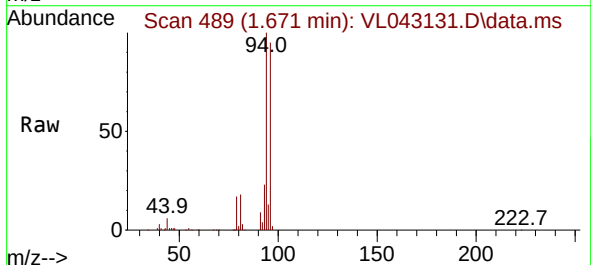
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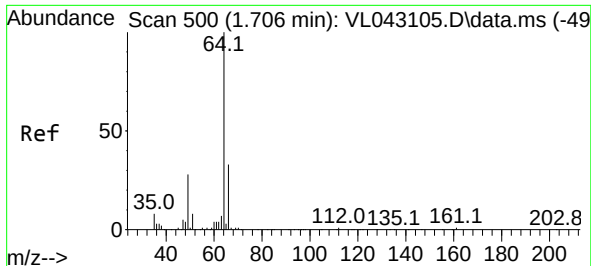
Tgt Ion: 62 Resp: 48427
 Ion Ratio Lower Upper
 62 100
 64 30.9 24.6 36.8



#6
 Bromomethane
 Concen: 10.512 ppbv
 RT: 1.671 min Scan# 489
 Delta R.T. 0.000 min
 Lab File: VL043131.D
 Acq: 17 Oct 2025 08:24

Tgt Ion: 94 Resp: 27901
 Ion Ratio Lower Upper
 94 100
 96 94.7 72.2 108.4

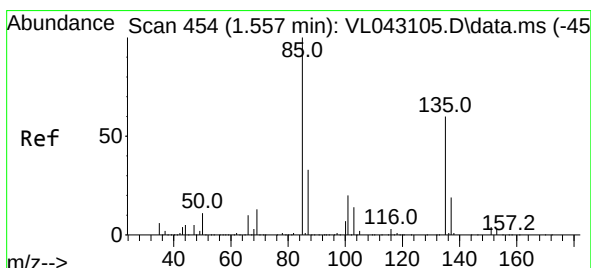
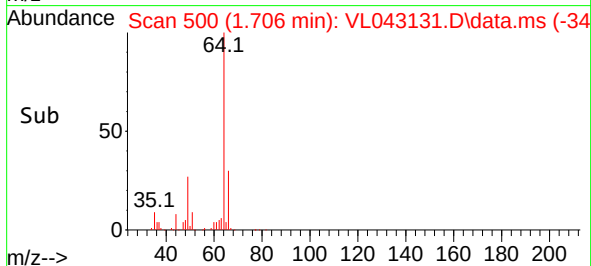
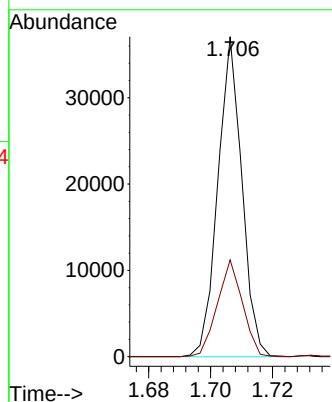
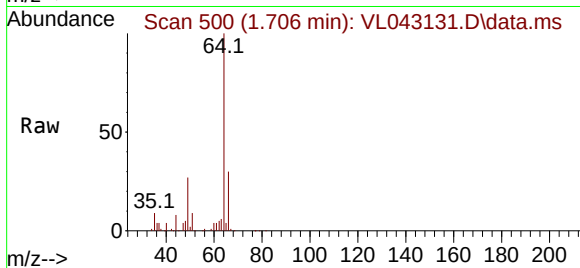




#7
Chloroethane
Concen: 10.090 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

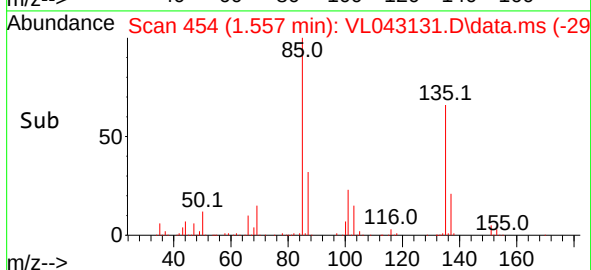
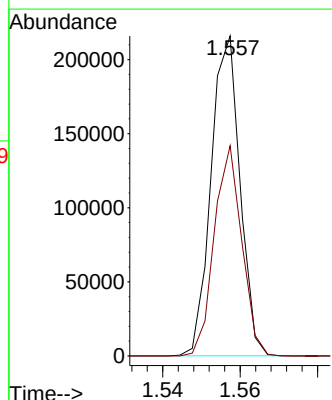
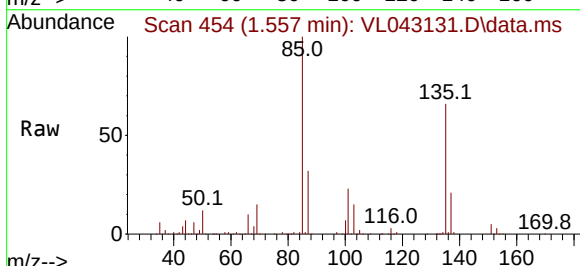
Instrument :
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ClientSampleId :
VSTDCCC010

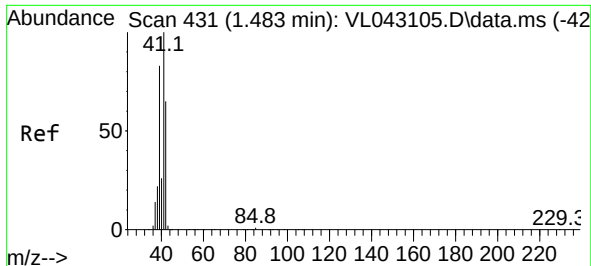
Tgt Ion: 64 Resp: 19968
Ion Ratio Lower Upper
64 100
66 30.2 26.0 39.0



#8
Dichlorotetrafluoroethane
Concen: 11.087 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

Tgt Ion: 85 Resp: 111627
Ion Ratio Lower Upper
85 100
135 62.7 48.2 72.4





#9

Propene

Concen: 7.816 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

Instrument :

MSVOA_L

ClientSampleId :

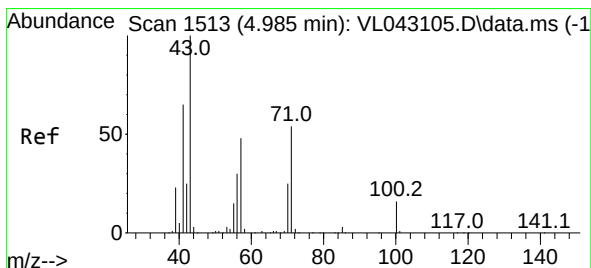
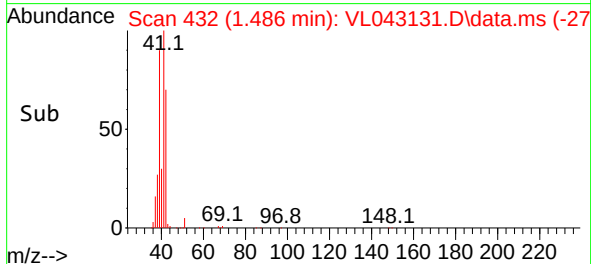
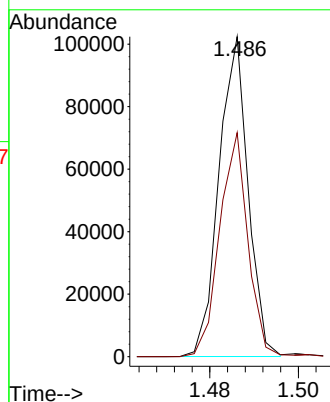
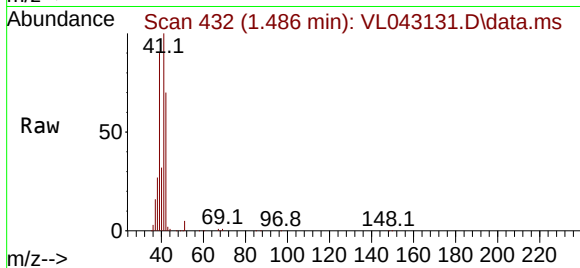
VSTDCCC010

Tgt Ion: 41 Resp: 46721

Ion Ratio Lower Upper

41 100

42 68.7 55.1 82.7



#10

Heptane

Concen: 7.921 ppbv

RT: 4.982 min Scan# 1512

Delta R.T. -0.003 min

Lab File: VL043131.D

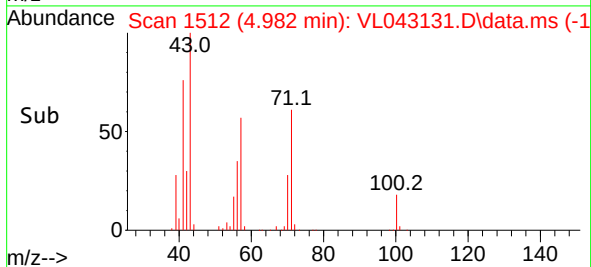
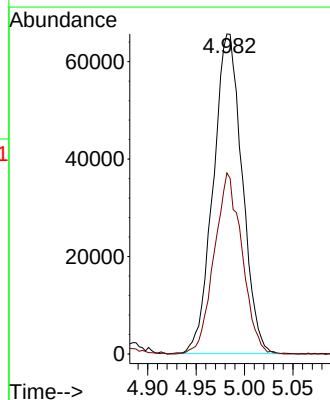
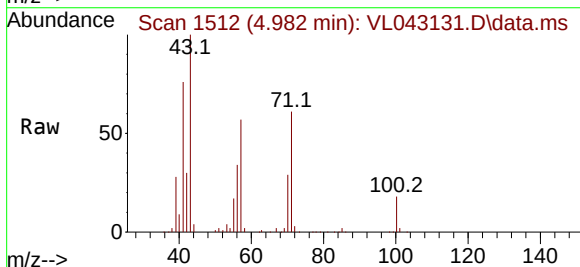
Acq: 17 Oct 2025 08:24

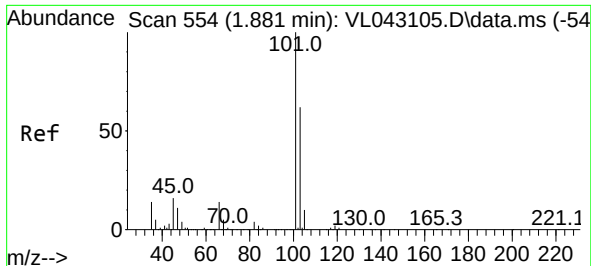
Tgt Ion: 43 Resp: 136302

Ion Ratio Lower Upper

43 100

57 54.5 40.8 61.2

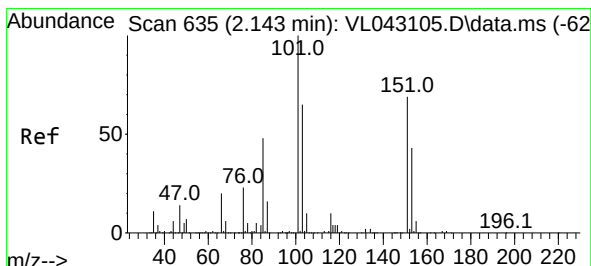
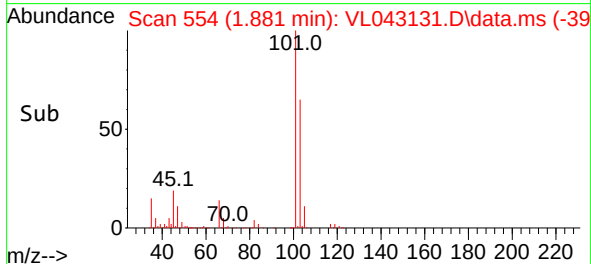
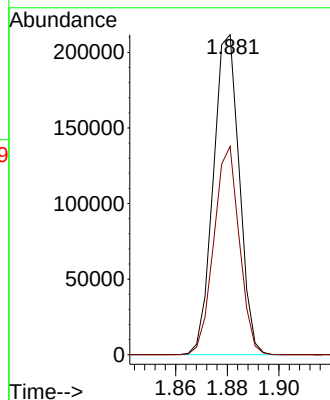
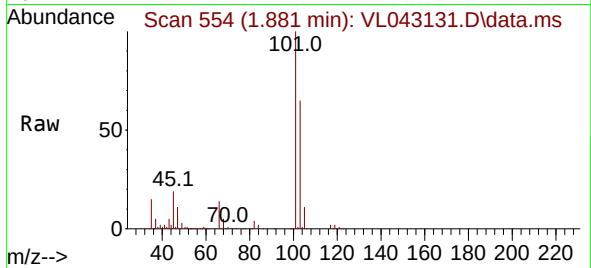




#11
 Trichlorofluoromethane
 Concen: 12.144 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL043131.D
 Acq: 17 Oct 2025 08:24

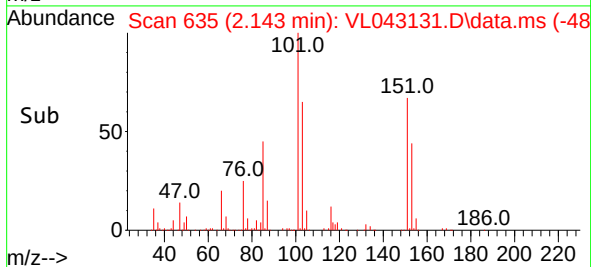
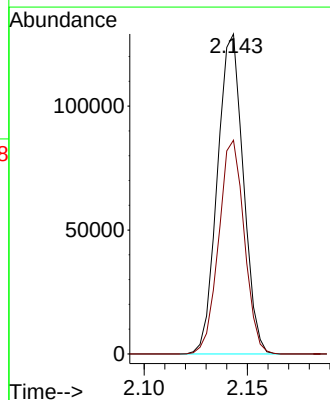
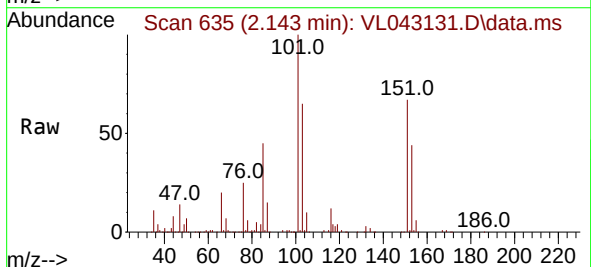
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

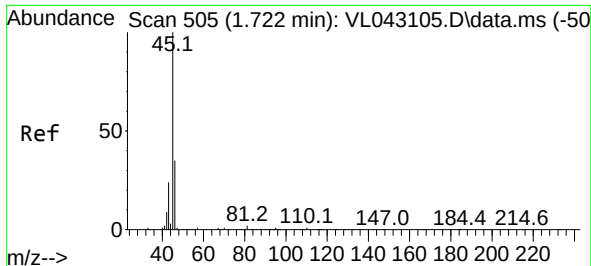
Tgt Ion:101 Resp: 147966
 Ion Ratio Lower Upper
 101 100
 103 65.1 49.3 73.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.470 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.000 min
 Lab File: VL043131.D
 Acq: 17 Oct 2025 08:24

Tgt Ion:101 Resp: 112518
 Ion Ratio Lower Upper
 101 100
 151 65.9 54.7 82.1

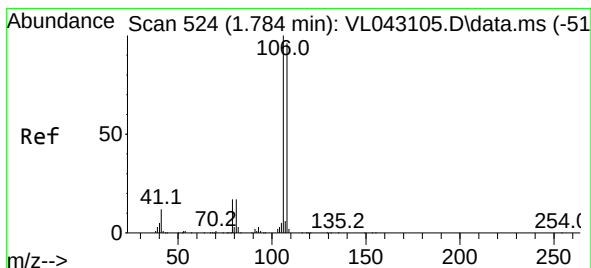
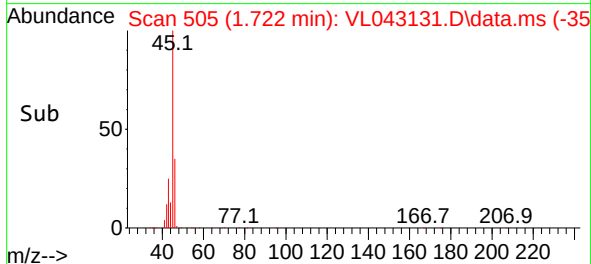
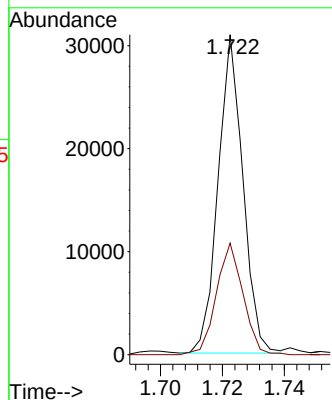
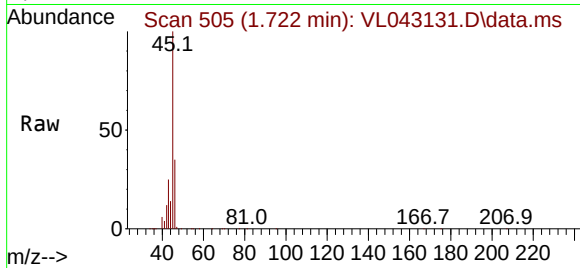




#13
Ethanol
Concen: 7.777 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

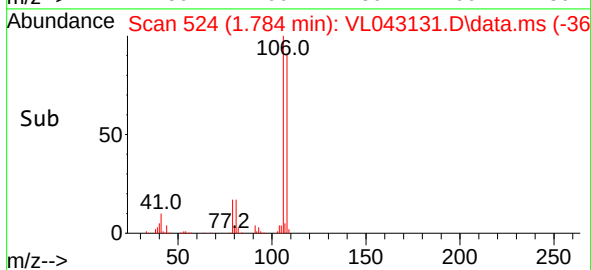
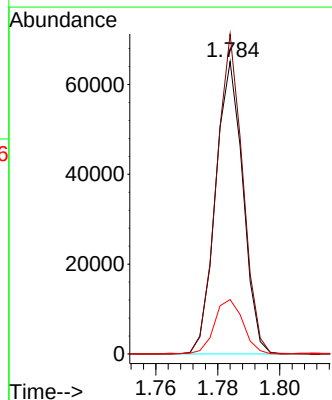
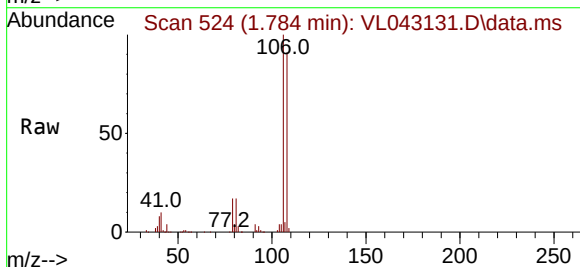
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

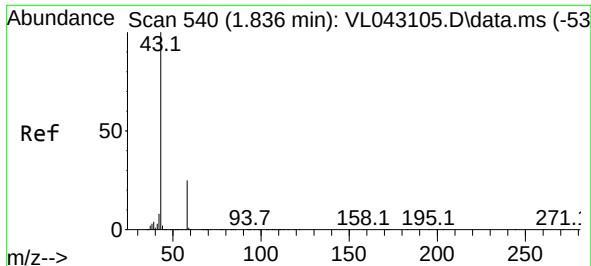
Tgt Ion: 45 Resp: 17196
Ion Ratio Lower Upper
45 100
46 37.6 14.7 58.9



#14
Bromoethene
Concen: 10.943 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

Tgt Ion: 108 Resp: 39877
Ion Ratio Lower Upper
108 100
106 105.4 84.4 126.6
79 20.3 15.3 22.9

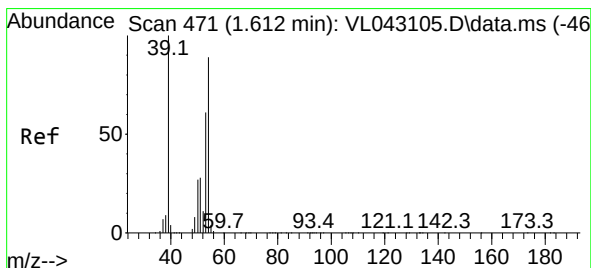
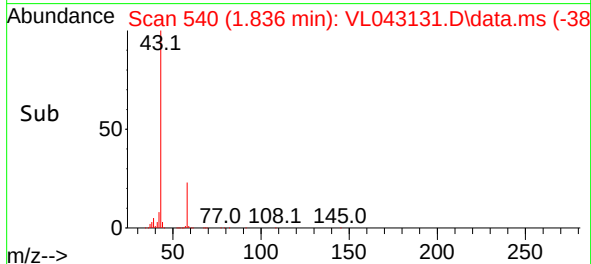
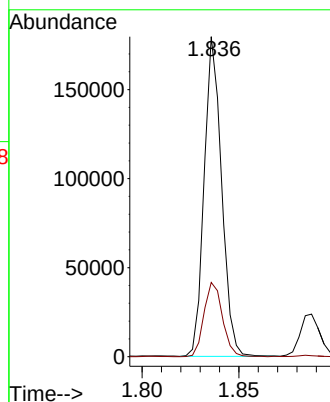
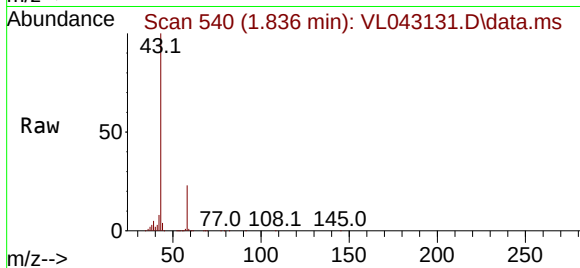




#15
Acetone
Concen: 9.535 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

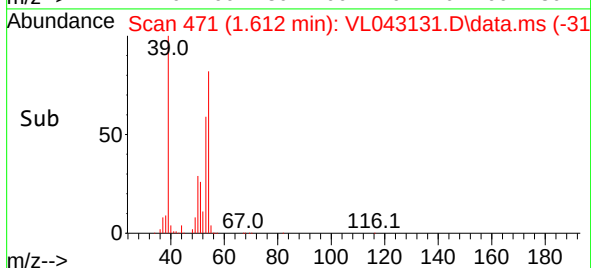
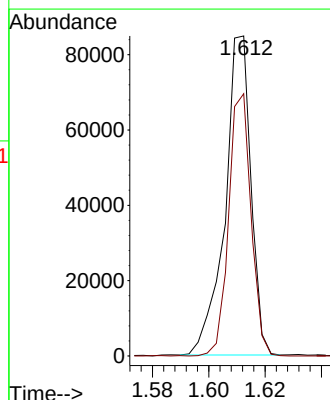
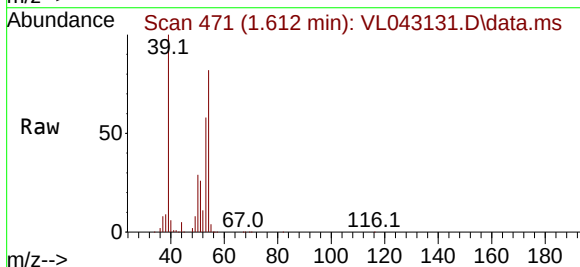
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

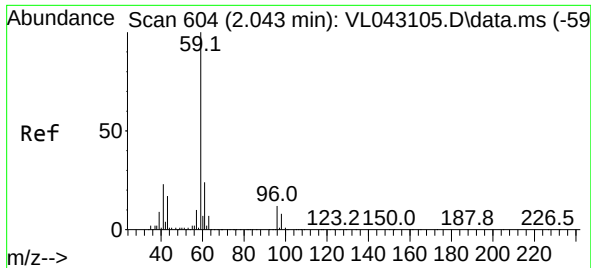
Tgt Ion: 43 Resp: 112608
Ion Ratio Lower Upper
43 100
58 24.8 20.8 31.2



#16
1,3-Butadiene
Concen: 9.645 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

Tgt Ion: 39 Resp: 54287
Ion Ratio Lower Upper
39 100
54 71.1 59.0 88.4





#17

tert-Butyl alcohol

Concen: 10.527 ppbv

RT: 2.040 min Scan# 604

Delta R.T. -0.003 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

Instrument :

MSVOA_L

ClientSampleId :

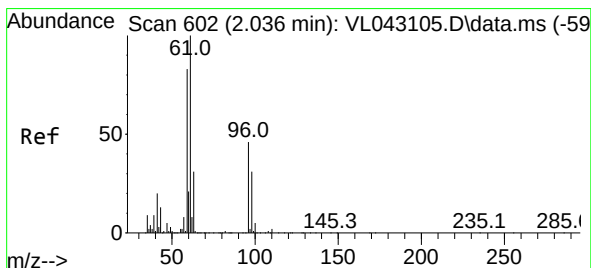
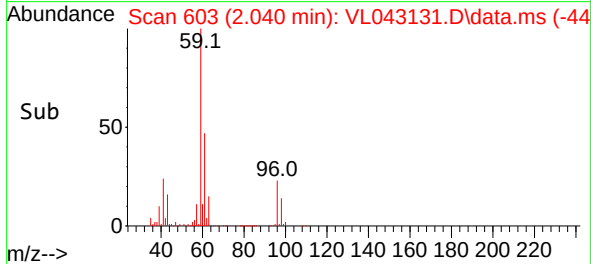
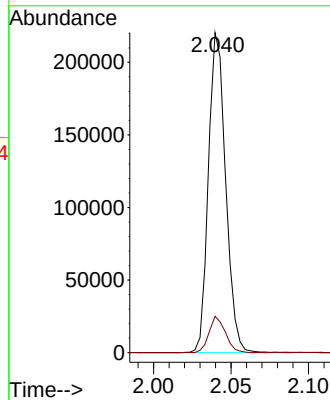
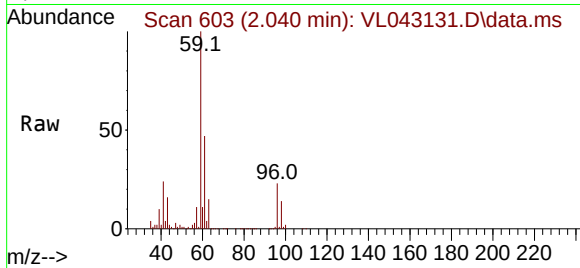
VSTDCCC010

Tgt Ion: 59 Resp: 170664

Ion Ratio Lower Upper

59 100

57 10.9 8.2 12.4



#18

1,1-Dichloroethene

Concen: 11.312 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.000 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

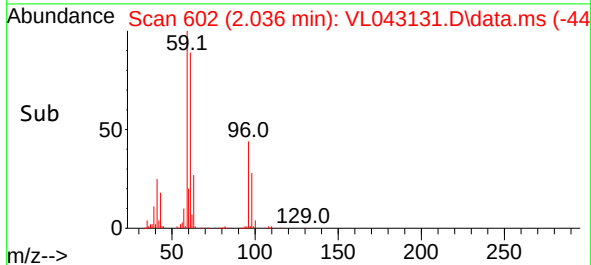
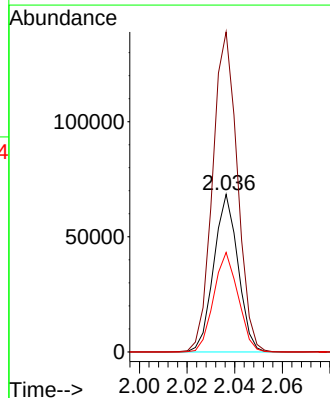
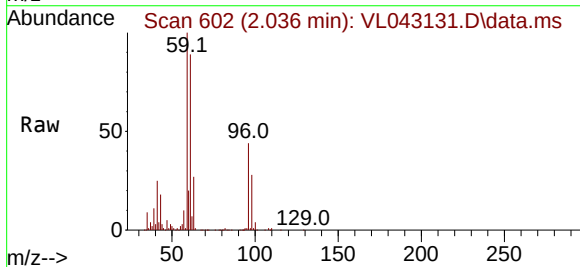
Tgt Ion: 96 Resp: 48379

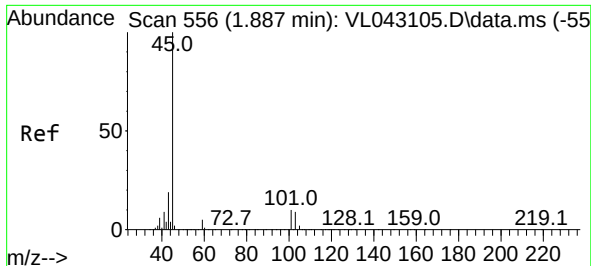
Ion Ratio Lower Upper

96 100

61 202.9 173.4 260.0

98 63.1 53.2 79.8

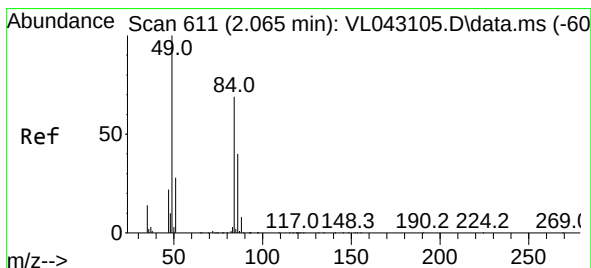
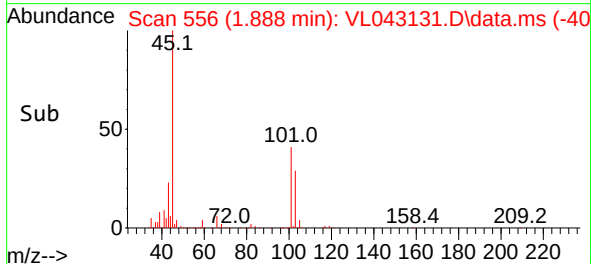
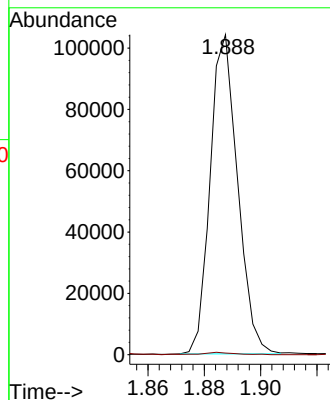
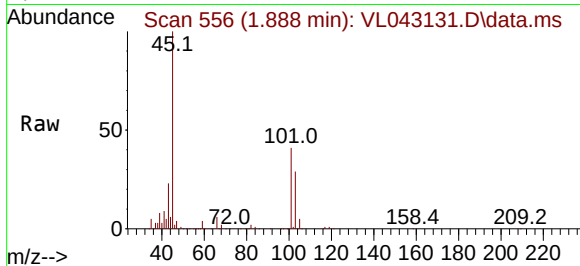




#19
Isopropyl Alcohol
Concen: 9.559 ppbv
RT: 1.888 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

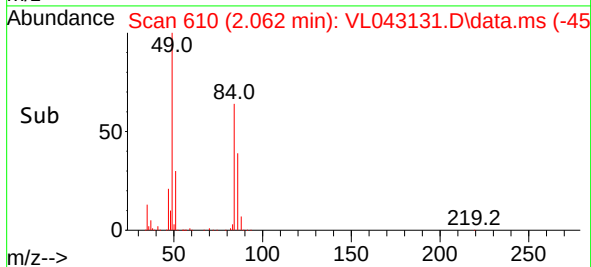
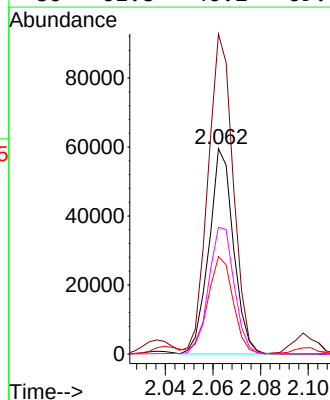
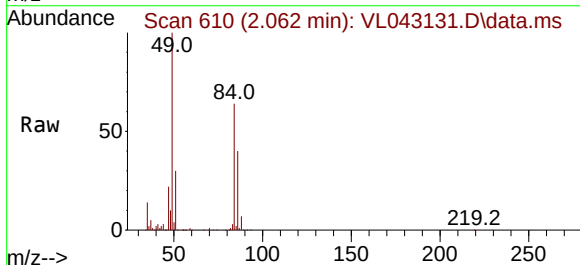
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

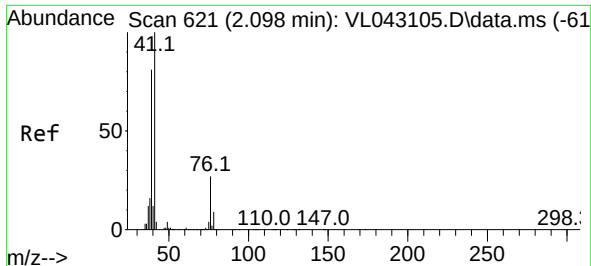
Tgt Ion: 45 Resp: 70309
Ion Ratio Lower Upper
45 100
58 39.7 31.3 46.9



#20
Methylene Chloride
Concen: 9.149 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.003 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

Tgt Ion: 84 Resp: 42709
Ion Ratio Lower Upper
84 100
49 155.1 116.6 175.0
51 46.9 34.8 52.2
86 61.8 46.2 69.4

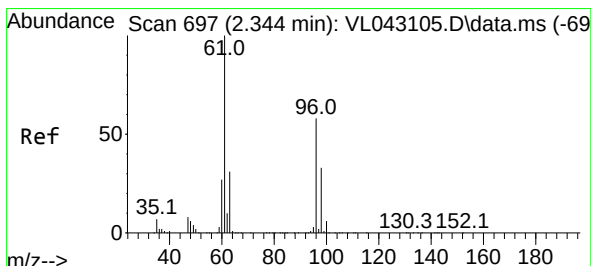
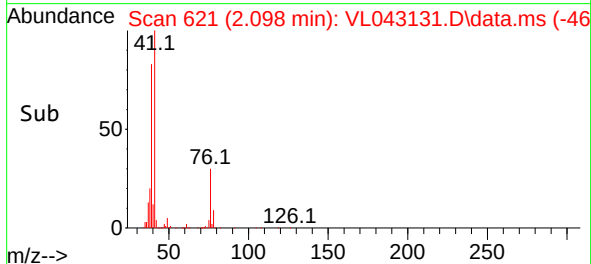
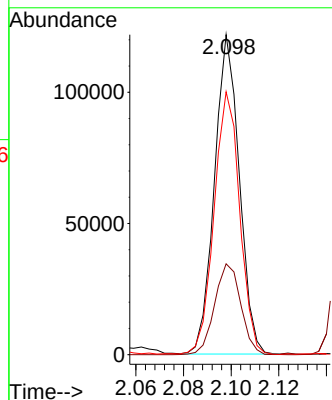
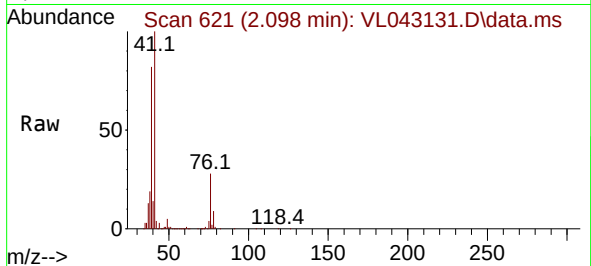




#21
 Allyl Chloride
 Concen: 10.114 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL043131.D
 Acq: 17 Oct 2025 08:24

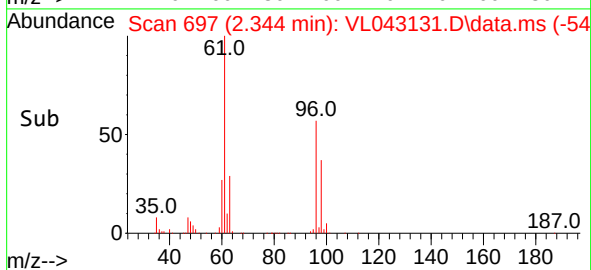
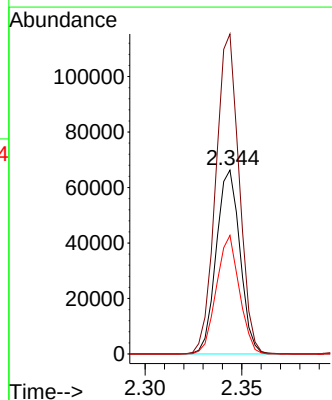
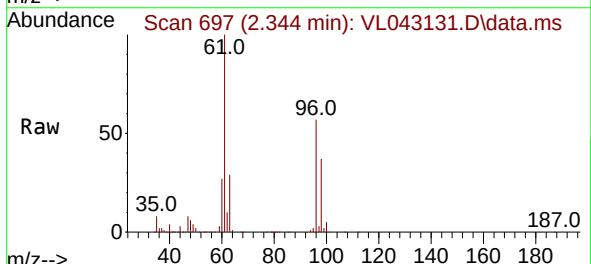
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

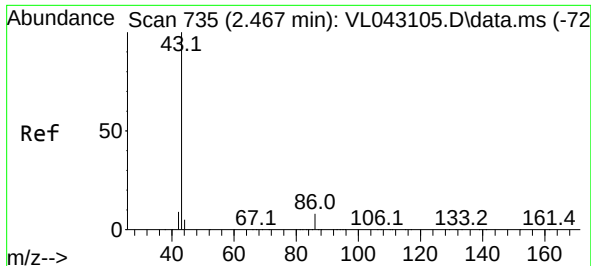
Tgt Ion: 41 Resp: 88018
 Ion Ratio Lower Upper
 41 100
 76 29.9 21.5 32.3
 39 84.4 60.8 91.2



#22
 trans-1,2-Dichloroethene
 Concen: 11.026 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VL043131.D
 Acq: 17 Oct 2025 08:24

Tgt Ion: 96 Resp: 56366
 Ion Ratio Lower Upper
 96 100
 61 174.1 137.0 205.6
 98 64.5 45.5 68.3



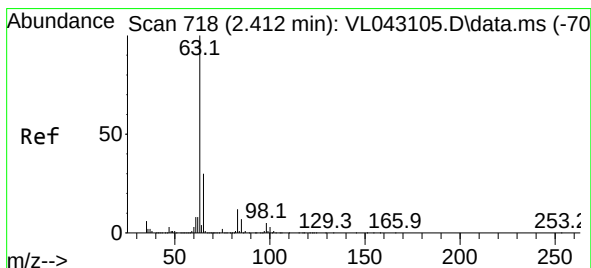
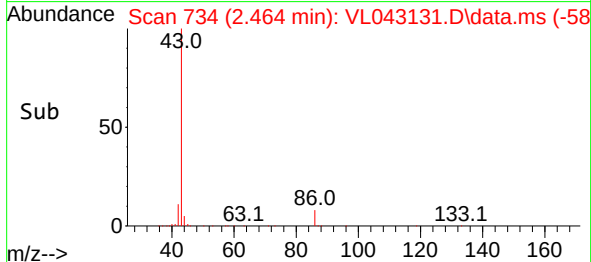
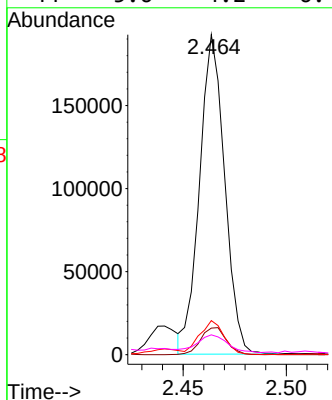
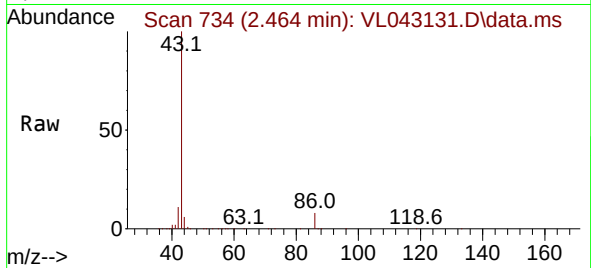


#23
 Vinyl Acetate
 Concen: 9.415 ppbv
 RT: 2.464 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL043131.D
 Acq: 17 Oct 2025 08:24

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 162876

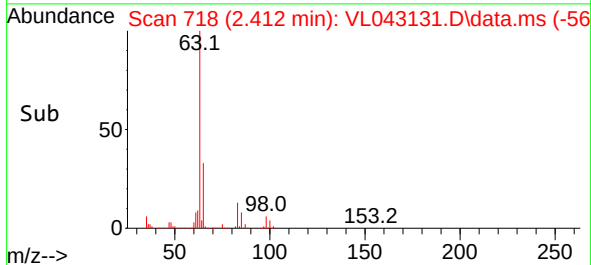
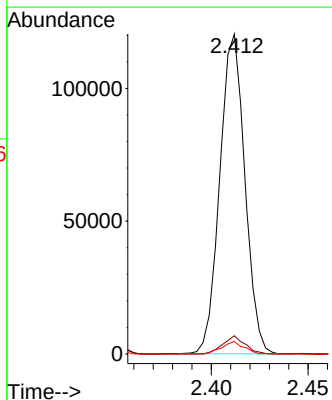
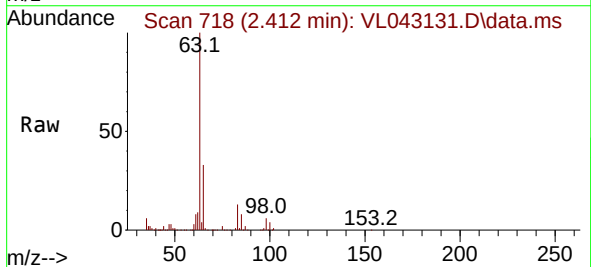
Ion	Ratio	Lower	Upper
43	100		
86	8.2	6.2	9.2
42	10.7	7.6	11.4
44	5.6	4.2	6.4

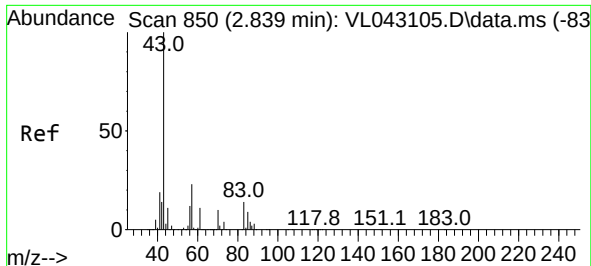


#24
 1,1-Dichloroethane
 Concen: 10.958 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL043131.D
 Acq: 17 Oct 2025 08:24

Tgt Ion: 63 Resp: 108234

Ion	Ratio	Lower	Upper
63	100		
98	5.7	2.6	7.8
100	3.9	1.5	4.4



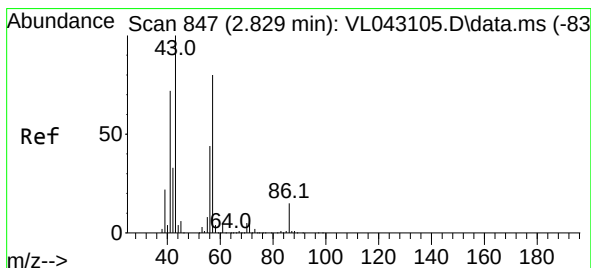
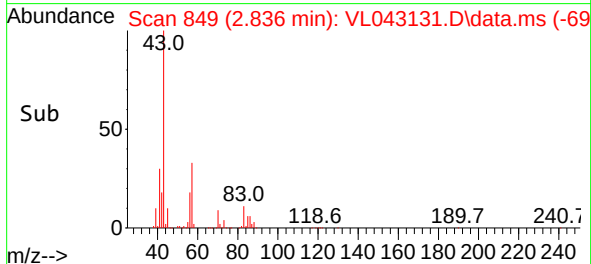
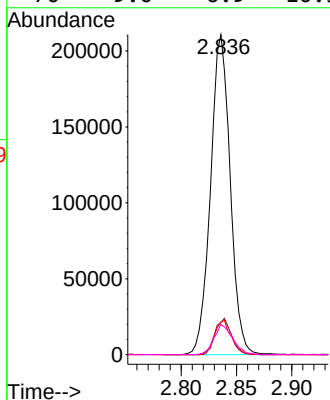
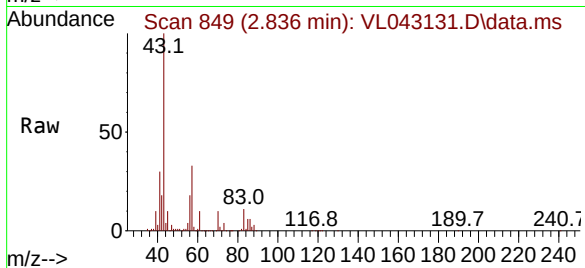


#25
Ethyl Acetate
Concen: 8.903 ppbv
RT: 2.836 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 260741

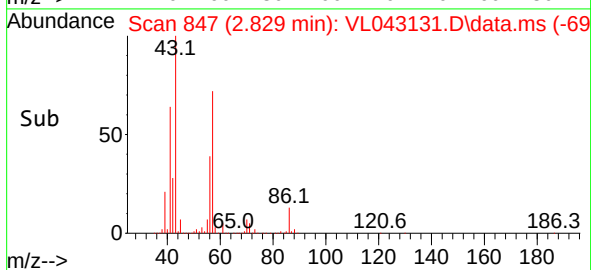
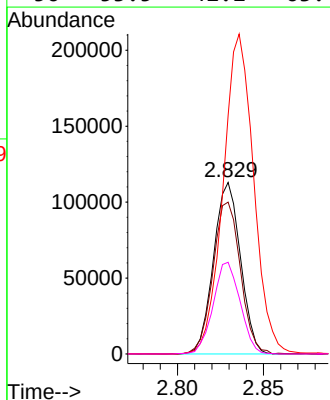
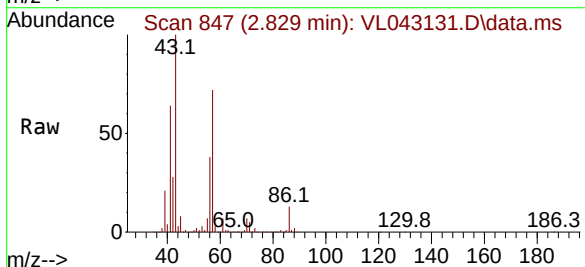
Ion	Ratio	Lower	Upper
43	100		
45	9.5	7.8	11.8
61	9.2	7.0	10.6
70	9.0	6.9	10.3

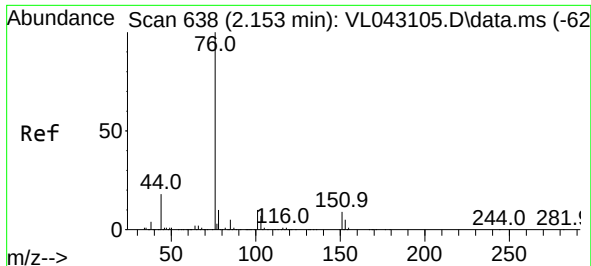


#26
Hexane
Concen: 9.117 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

Tgt Ion: 57 Resp: 123038

Ion	Ratio	Lower	Upper
57	100		
41	90.7	71.4	107.0
43	212.2	178.5	267.7
56	53.5	42.2	63.4

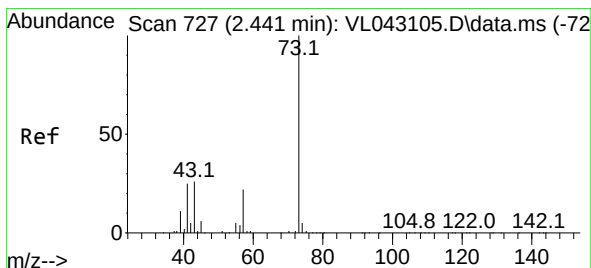
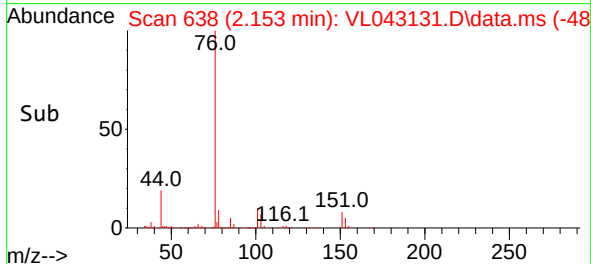
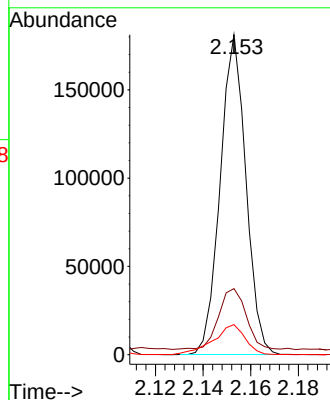
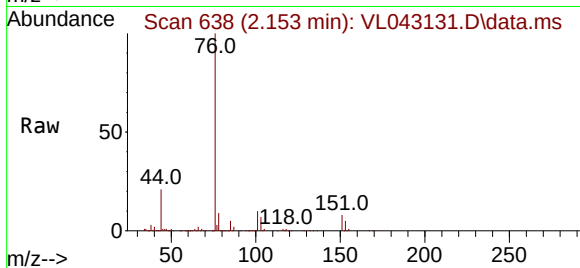




#27
Carbon Disulfide
Concen: 10.965 ppbv
RT: 2.153 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

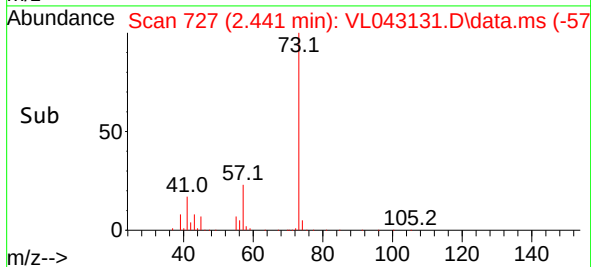
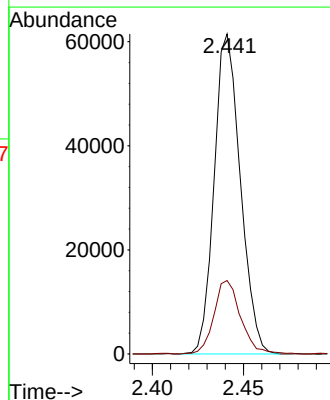
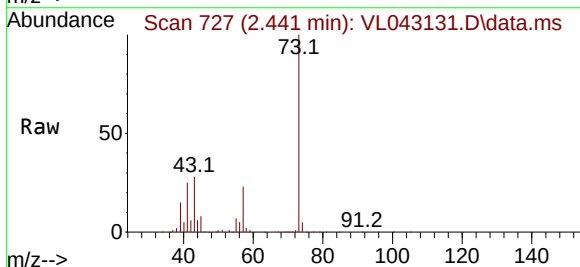
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

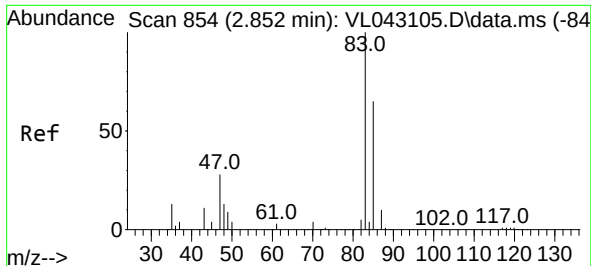
Tgt Ion: 76 Resp: 135574
Ion Ratio Lower Upper
76 100
44 21.3 16.7 25.1
78 11.6 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 10.000 ppbv
RT: 2.441 min Scan# 727
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

Tgt Ion: 73 Resp: 61396
Ion Ratio Lower Upper
73 100
57 23.5 20.5 30.7





#29

Chloroform

Concen: 10.884 ppbv

RT: 2.849 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

Instrument :

MSVOA_L

ClientSampleId :

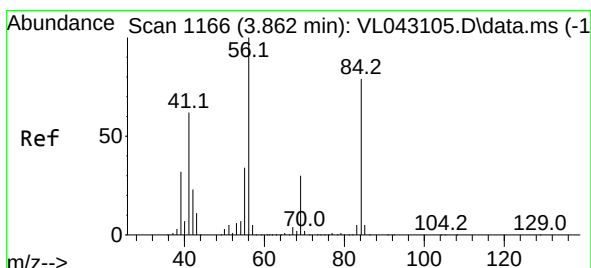
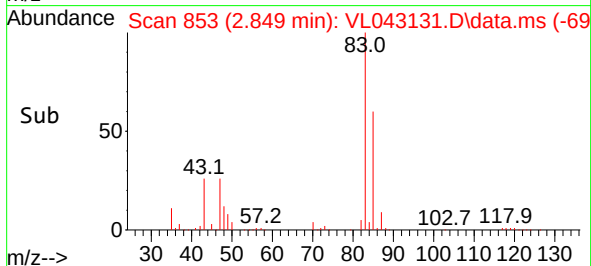
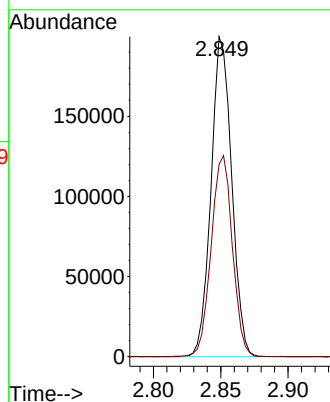
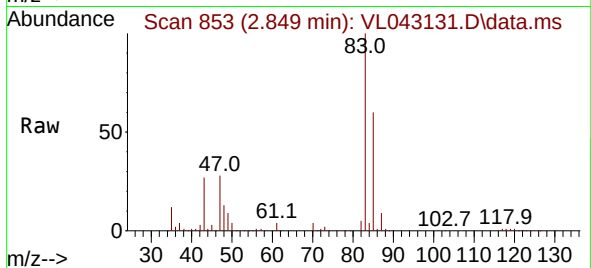
VSTDCCC010

Tgt Ion: 83 Resp: 212817

Ion Ratio Lower Upper

83 100

85 60.0 51.8 77.6



#30

Cyclohexane

Concen: 8.939 ppbv

RT: 3.859 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

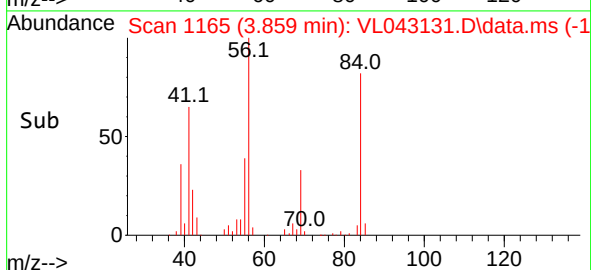
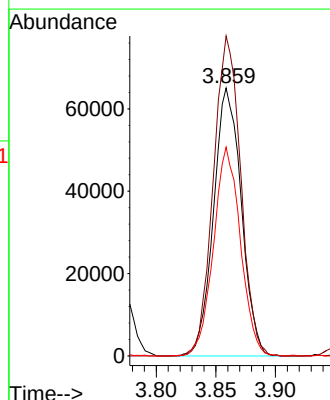
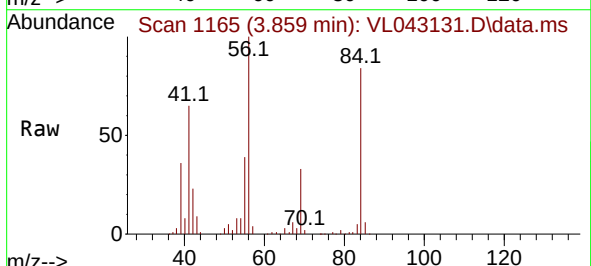
Tgt Ion: 84 Resp: 105292

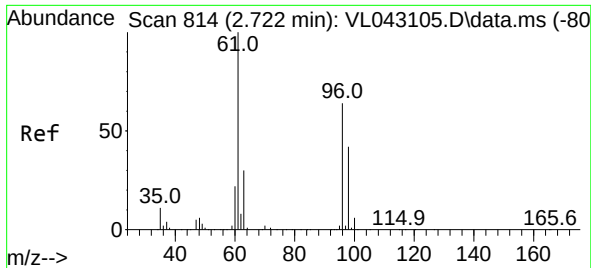
Ion Ratio Lower Upper

84 100

56 117.7 100.9 151.3

41 75.7 63.8 95.6

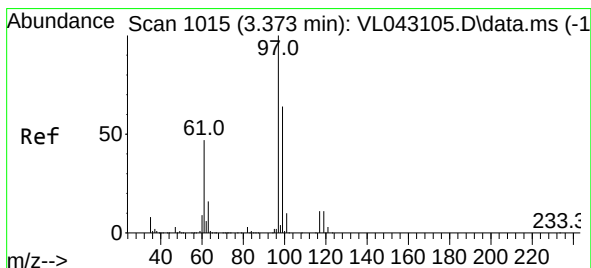
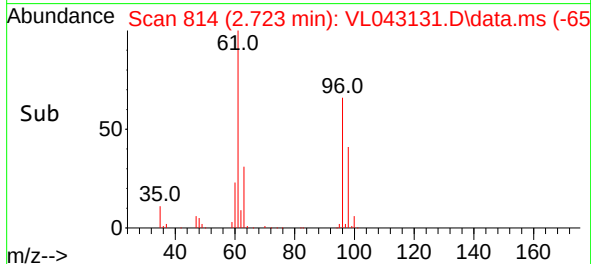
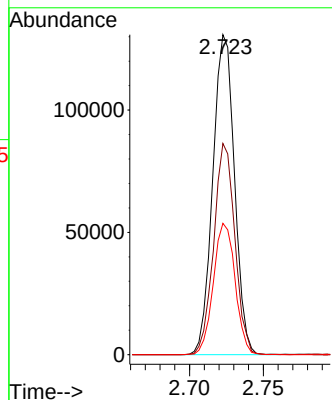
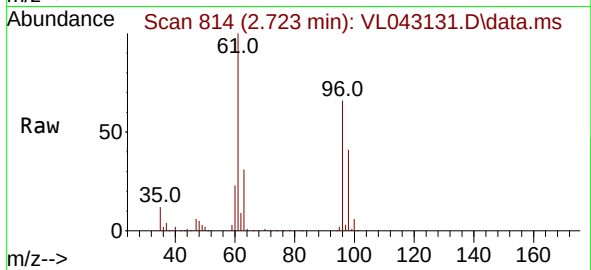




#31
 cis-1,2-Dichloroethene
 Concen: 10.393 ppbv
 RT: 2.723 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VL043131.D
 Acq: 17 Oct 2025 08:24

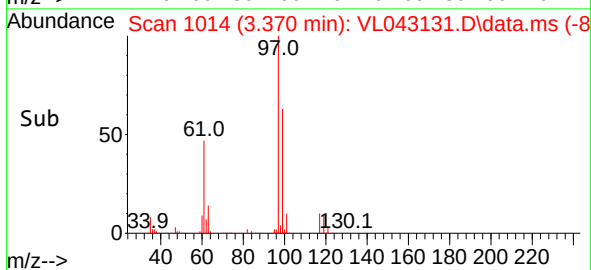
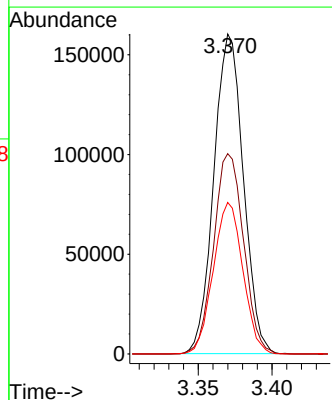
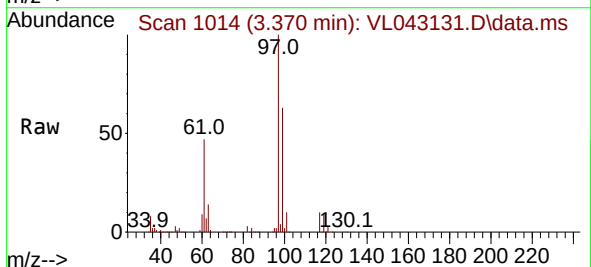
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

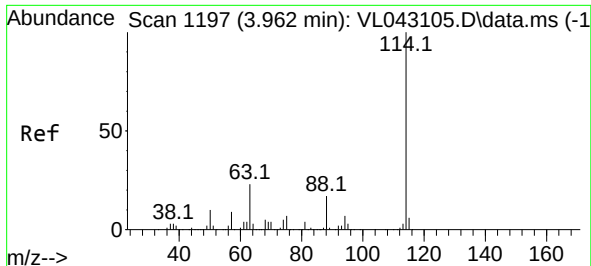
Tgt Ion: 61 Resp: 133927
 Ion Ratio Lower Upper
 61 100
 96 66.0 51.0 76.6
 98 41.0 33.5 50.3



#32
 1,1,1-Trichloroethane
 Concen: 10.961 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. -0.003 min
 Lab File: VL043131.D
 Acq: 17 Oct 2025 08:24

Tgt Ion: 97 Resp: 223202
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.3 76.9
 61 47.6 38.4 57.6

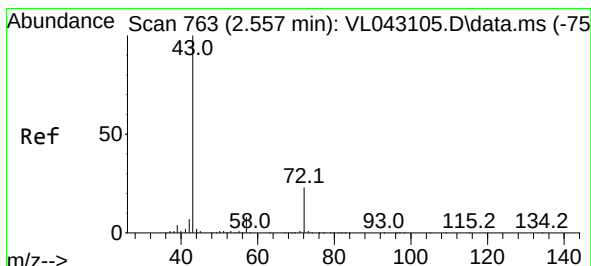
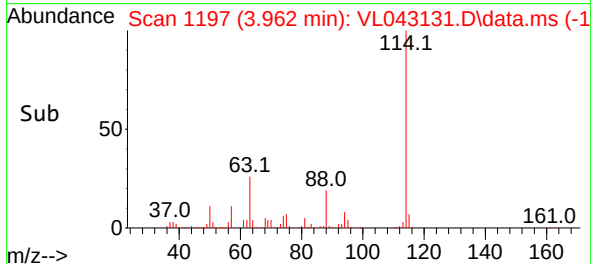
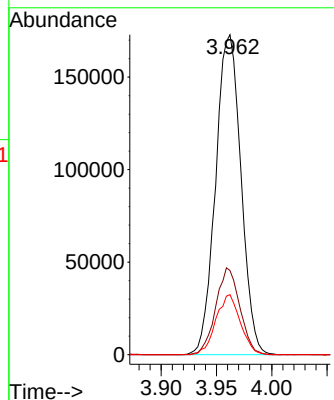
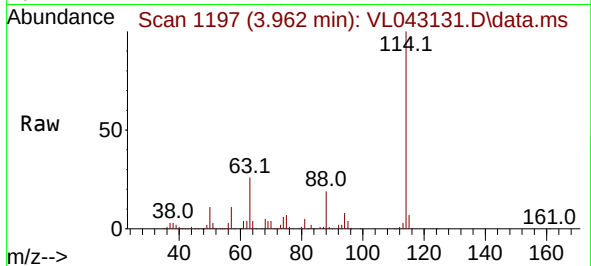




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.962 min Scan# 1197
 Delta R.T. 0.000 min
 Lab File: VL043131.D
 Acq: 17 Oct 2025 08:24

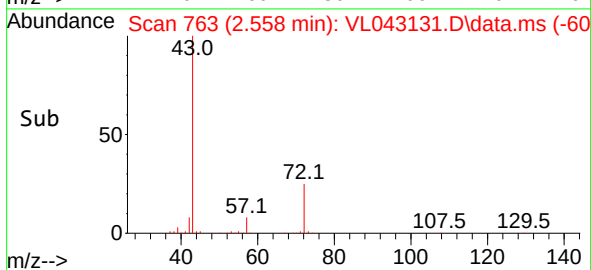
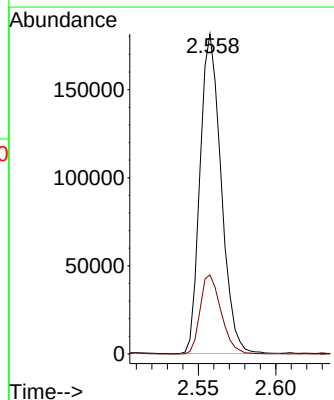
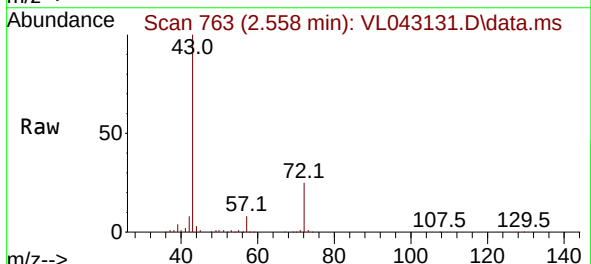
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

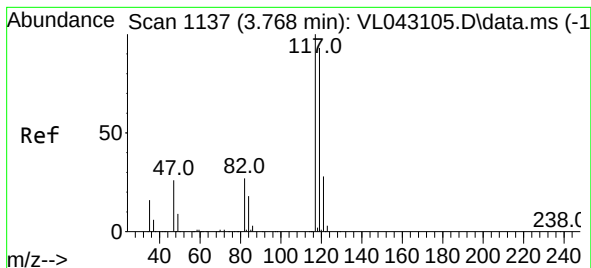
Tgt Ion:114 Resp: 276096
 Ion Ratio Lower Upper
 114 100
 63 25.7 19.3 28.9
 88 18.0 13.9 20.9



#34
 2-Butanone
 Concen: 9.244 ppbv
 RT: 2.558 min Scan# 763
 Delta R.T. 0.000 min
 Lab File: VL043131.D
 Acq: 17 Oct 2025 08:24

Tgt Ion: 43 Resp: 171562
 Ion Ratio Lower Upper
 43 100
 72 24.6 18.4 27.6





#35

Carbon Tetrachloride

Concen: 11.607 ppbv

RT: 3.765 min Scan# 1136

Delta R.T. -0.003 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

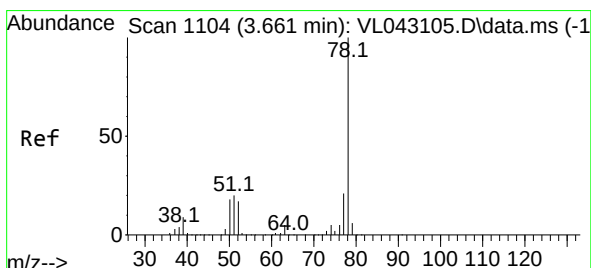
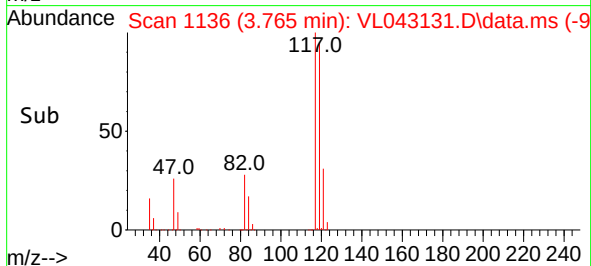
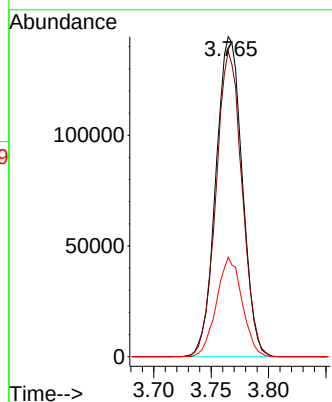
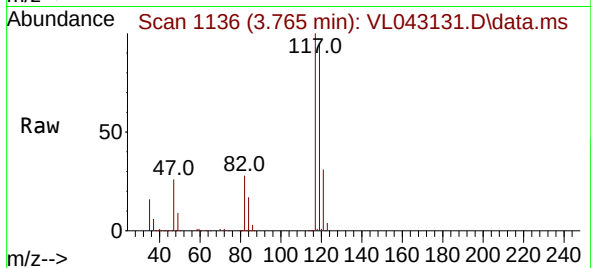
Tgt Ion:117 Resp: 230394

Ion Ratio Lower Upper

117 100

119 95.4 74.1 111.1

121 31.1 22.2 33.2



#36

Benzene

Concen: 9.631 ppbv

RT: 3.661 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

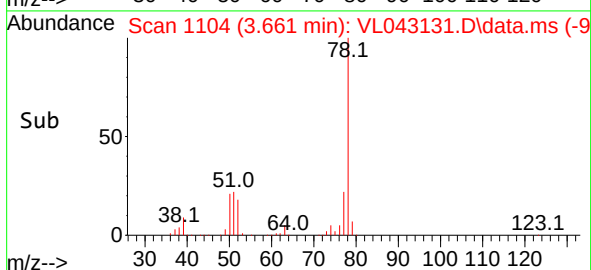
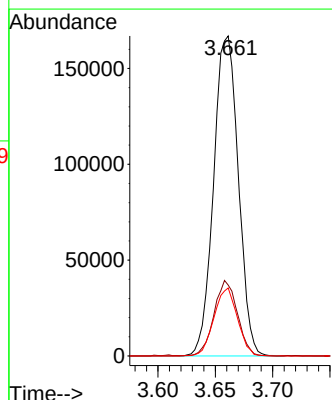
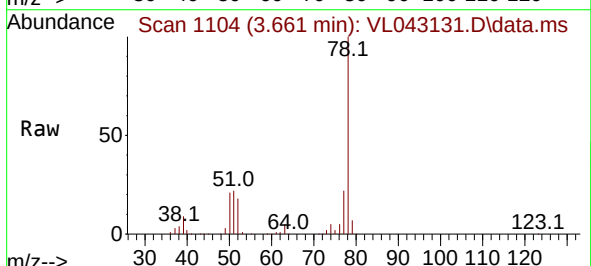
Tgt Ion: 78 Resp: 250456

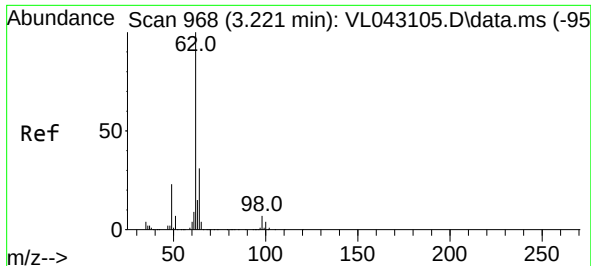
Ion Ratio Lower Upper

78 100

77 22.2 17.0 25.6

50 21.3 14.6 22.0





#37

1,2-Dichloroethane

Concen: 11.472 ppbv

RT: 3.221 min Scan# 968

Delta R.T. 0.000 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

Instrument :

MSVOA_L

ClientSampleId :

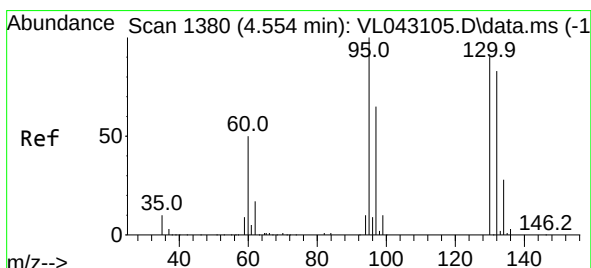
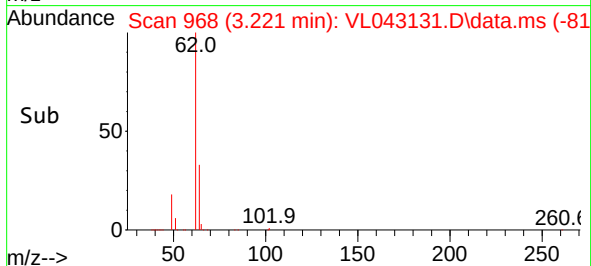
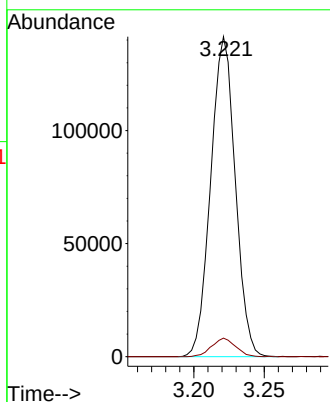
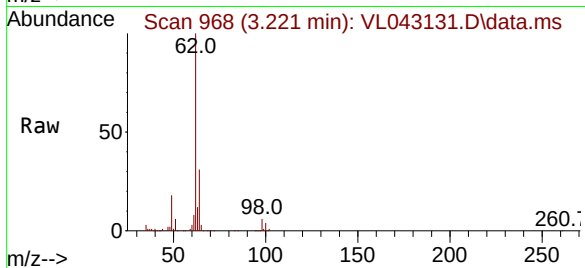
VSTDCCC010

Tgt Ion: 62 Resp: 171852

Ion Ratio Lower Upper

62 100

98 5.7 5.8 8.6#



#38

Trichloroethene

Concen: 8.960 ppbv

RT: 4.555 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

Tgt Ion:130 Resp: 97313

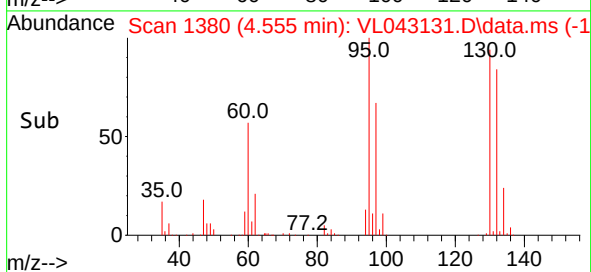
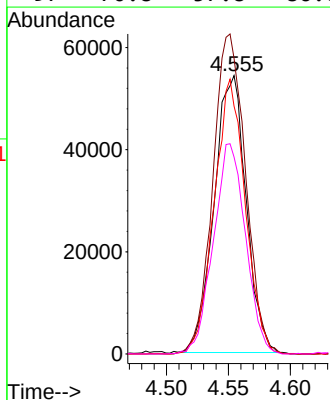
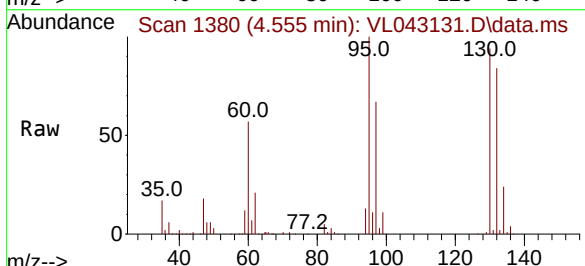
Ion Ratio Lower Upper

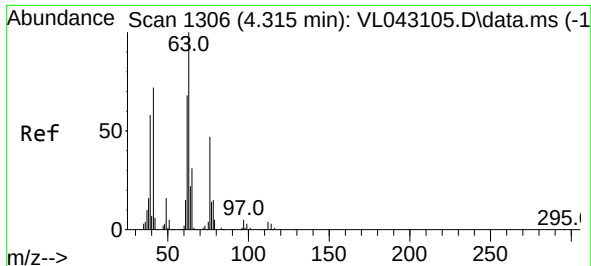
130 100

95 106.2 88.6 133.0

132 89.1 73.4 110.0

97 70.8 57.8 86.6





#39

1,2-Dichloropropane

Concen: 9.124 ppbv

RT: 4.315 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

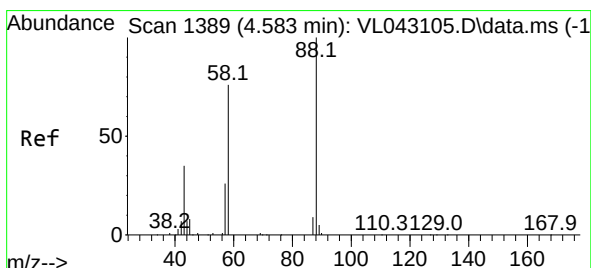
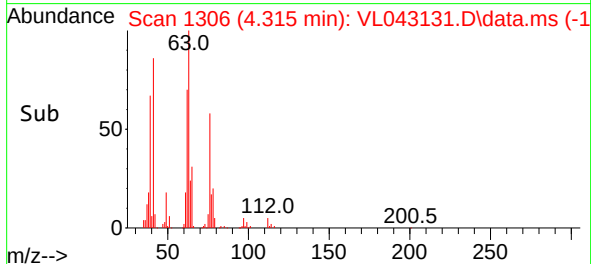
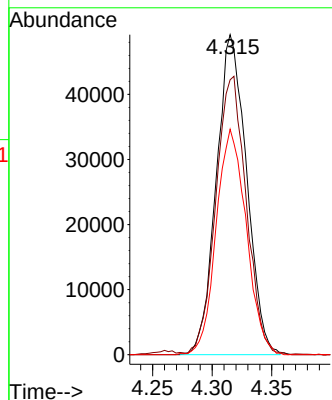
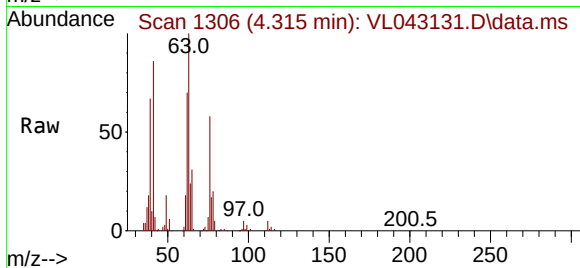
Tgt Ion: 63 Resp: 86735

Ion Ratio Lower Upper

63 100

41 85.2 58.0 87.0

62 70.1 54.7 82.1



#40

1,4-Dioxane

Concen: 8.935 ppbv

RT: 4.580 min Scan# 1388

Delta R.T. -0.003 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

Tgt Ion: 88 Resp: 38012

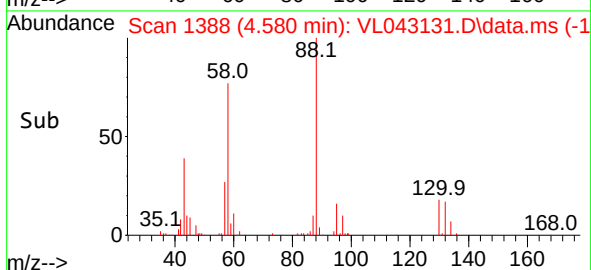
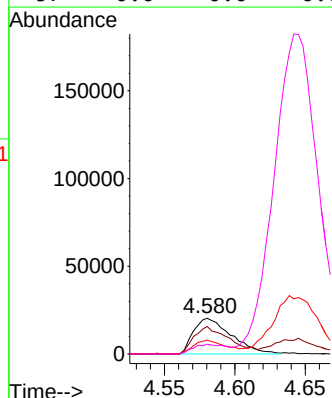
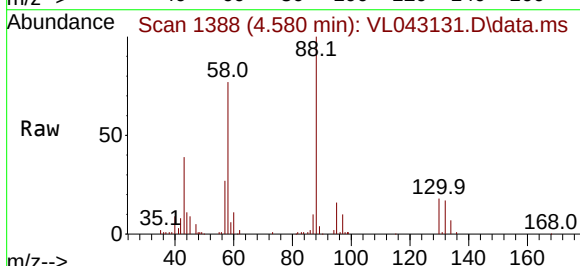
Ion Ratio Lower Upper

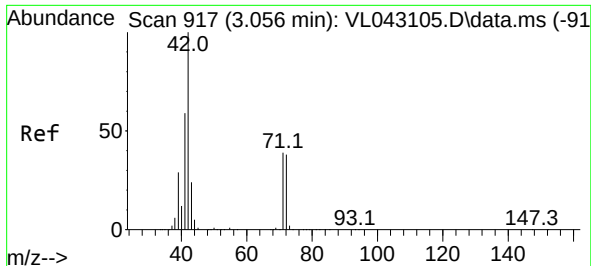
88 100

58 74.3 61.1 91.7

43 36.8 24.0 36.0#

57 0.0 0.0 0.0

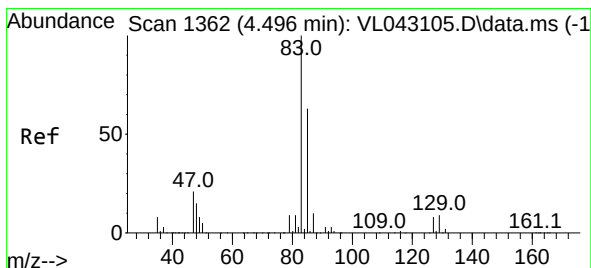
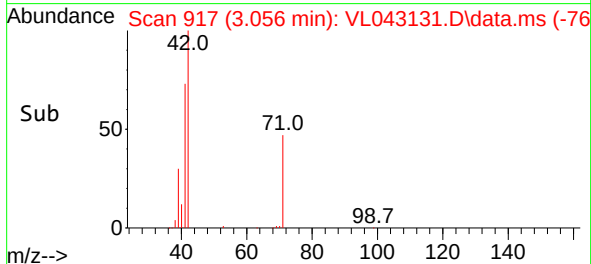
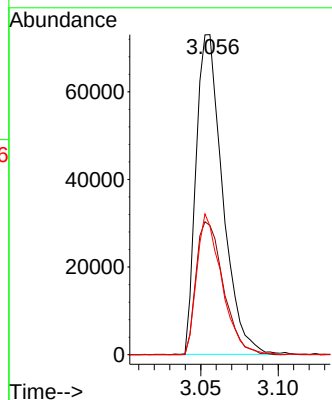
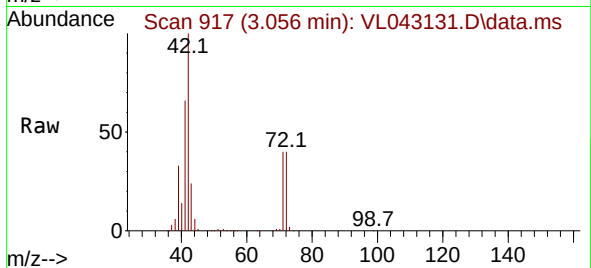




#41
Tetrahydrofuran
Concen: 8.374 ppbv
RT: 3.056 min Scan# 917
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

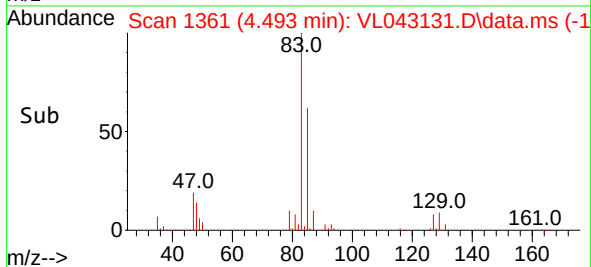
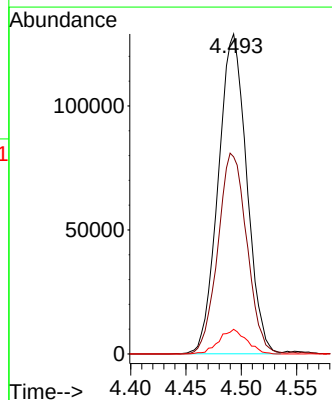
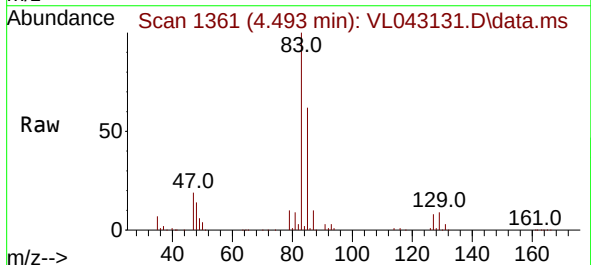
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

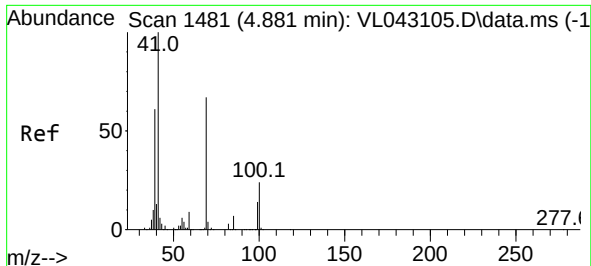
Tgt Ion: 42 Resp: 86924
Ion Ratio Lower Upper
42 100
72 42.9 31.3 46.9
71 41.6 30.4 45.6



#42
Bromodichloromethane
Concen: 11.113 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. -0.003 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

Tgt Ion: 83 Resp: 230410
Ion Ratio Lower Upper
83 100
85 61.6 50.6 75.8
127 7.7 6.3 9.5

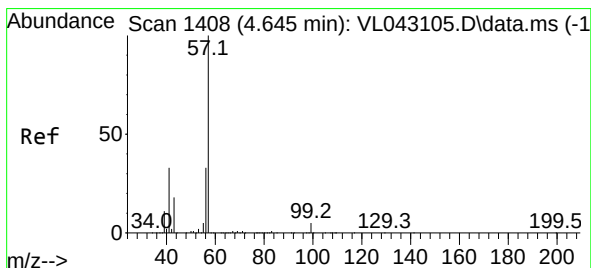
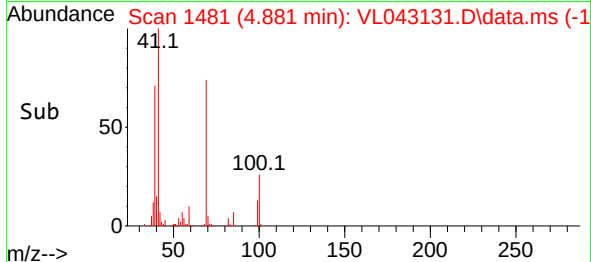
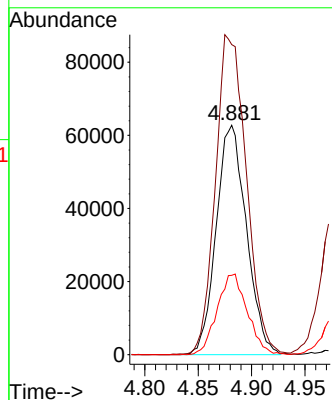
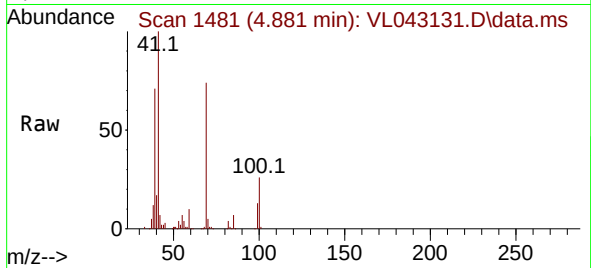




#43
Methyl Methacrylate
Concen: 9.356 ppbv
RT: 4.881 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

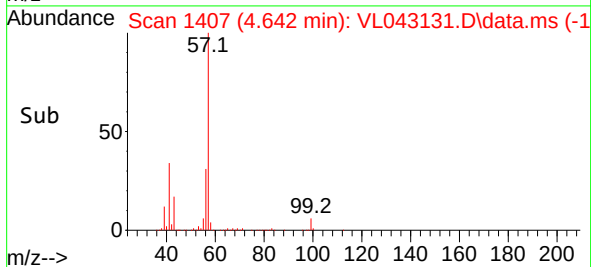
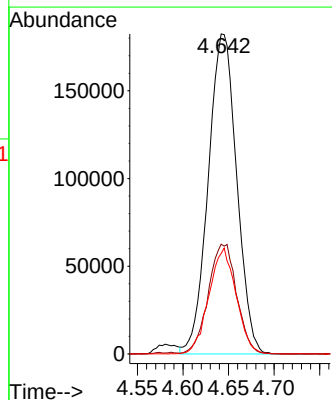
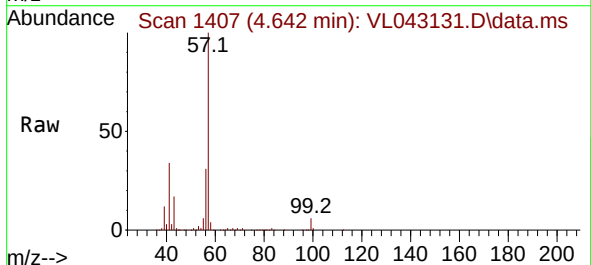
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

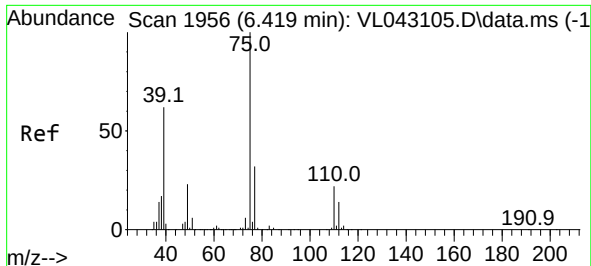
Tgt Ion: 69 Resp: 123563
Ion Ratio Lower Upper
69 100
41 142.8 120.5 180.7
100 35.0 29.0 43.4



#44
2,2,4-Trimethylpentane
Concen: 9.044 ppbv
RT: 4.642 min Scan# 1407
Delta R.T. -0.003 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

Tgt Ion: 57 Resp: 396779
Ion Ratio Lower Upper
57 100
41 34.4 26.3 39.5
56 31.6 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 10.189 ppbv

RT: 6.419 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

Instrument :

MSVOA_L

ClientSampleId :

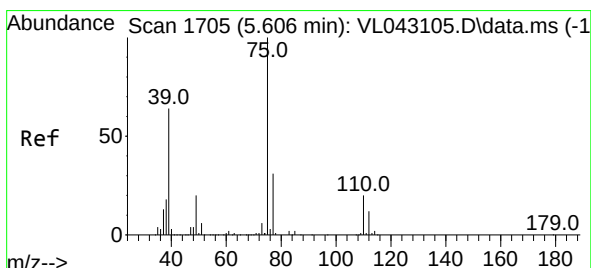
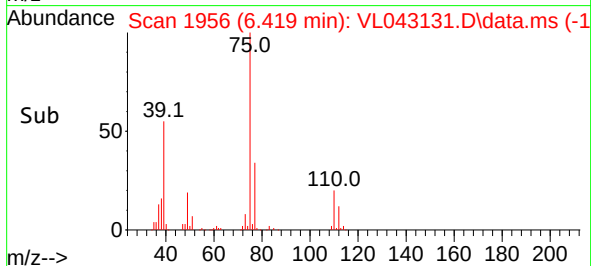
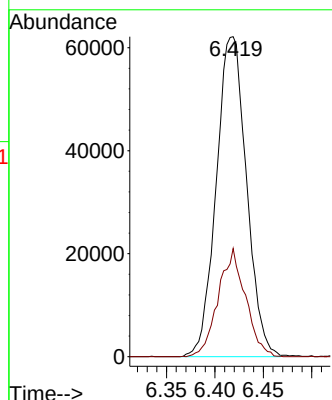
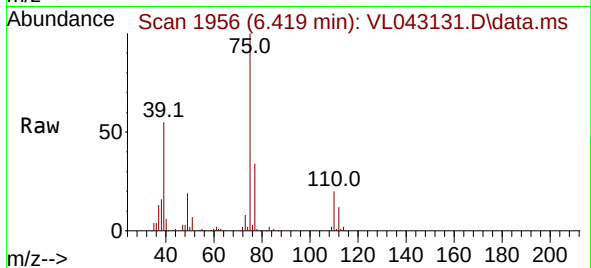
VSTDCCC010

Tgt Ion: 75 Resp: 135045

Ion Ratio Lower Upper

75 100

77 33.8 25.4 38.2



#46

cis-1,3-Dichloropropene

Concen: 9.670 ppbv

RT: 5.600 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

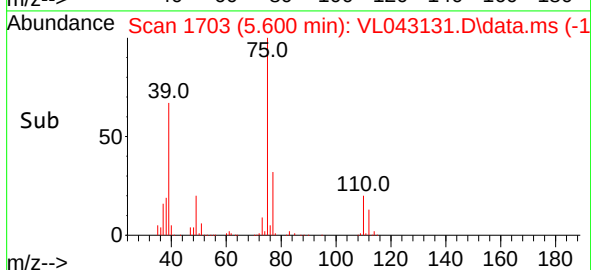
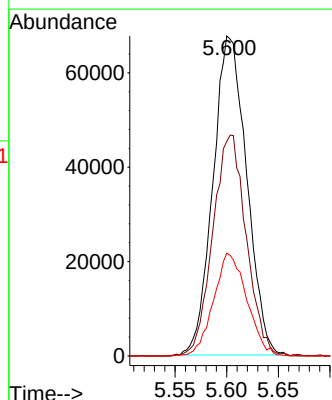
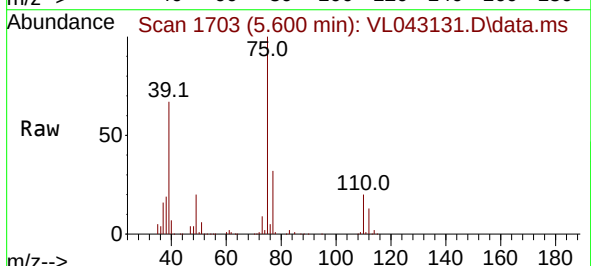
Tgt Ion: 75 Resp: 153105

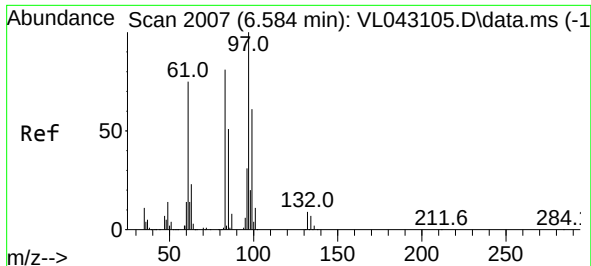
Ion Ratio Lower Upper

75 100

39 67.0 51.0 76.6

77 31.9 25.0 37.4

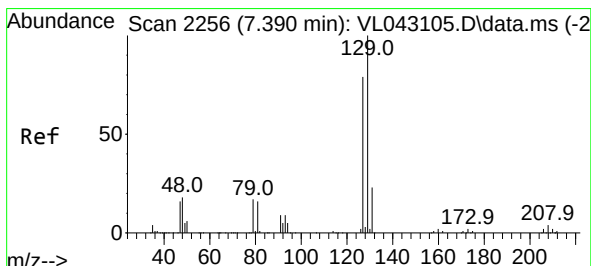
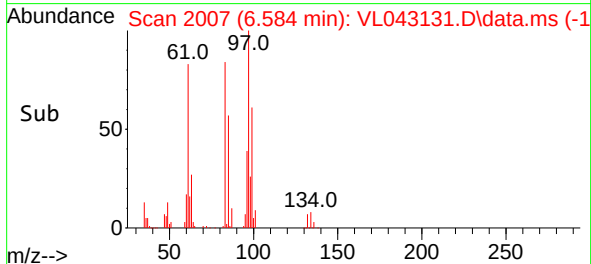
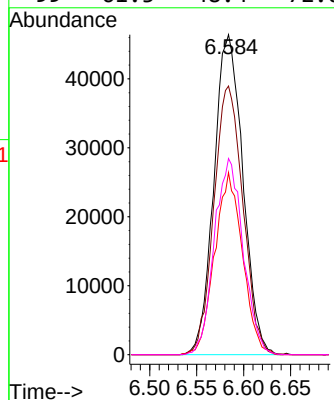
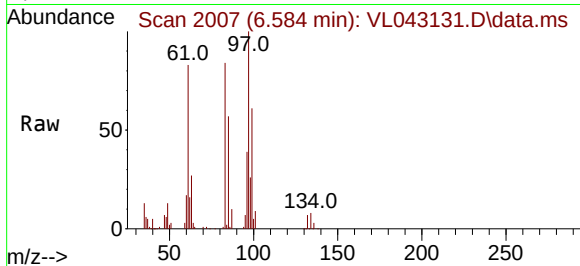




#47
 1,1,2-Trichloroethane
 Concen: 9.670 ppbv
 RT: 6.584 min Scan# 2007
 Delta R.T. 0.000 min
 Lab File: VL043131.D
 Acq: 17 Oct 2025 08:24

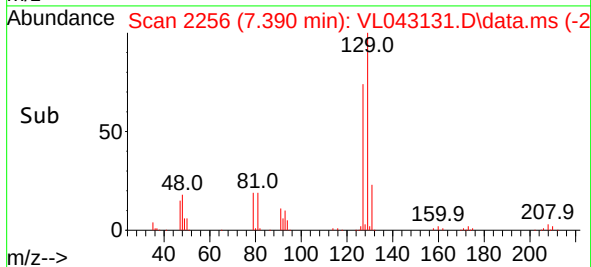
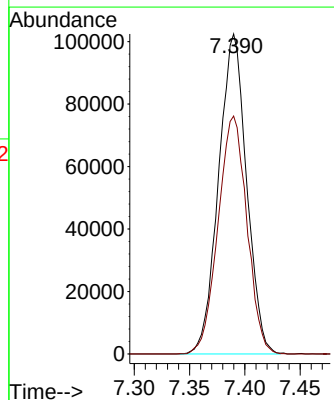
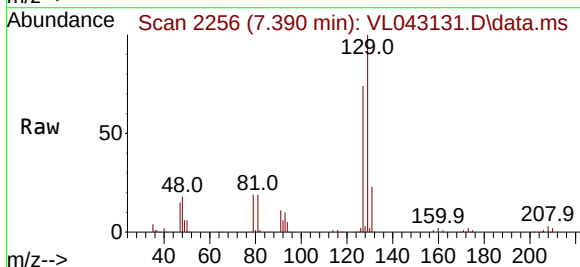
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

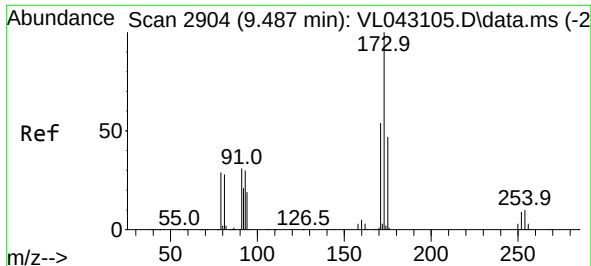
Tgt Ion: 97	Resp: 99273
Ion Ratio	Lower Upper
97 100	
83 84.0	64.6 96.8
85 56.9	40.6 60.8
99 61.3	48.4 72.6



#48
 Dibromochloromethane
 Concen: 10.498 ppbv
 RT: 7.390 min Scan# 2256
 Delta R.T. 0.000 min
 Lab File: VL043131.D
 Acq: 17 Oct 2025 08:24

Tgt Ion:129	Resp: 180203
Ion Ratio	Lower Upper
129 100	
127 76.6	39.3 117.9





#49

Bromoform

Concen: 10.372 ppbv

RT: 9.484 min Scan# 2904

Delta R.T. -0.003 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

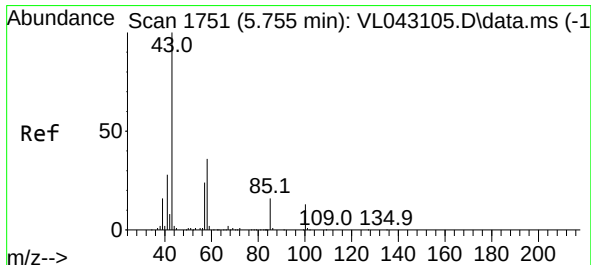
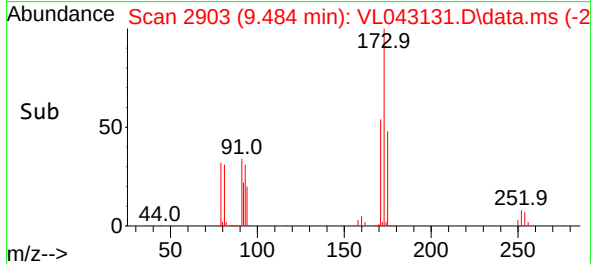
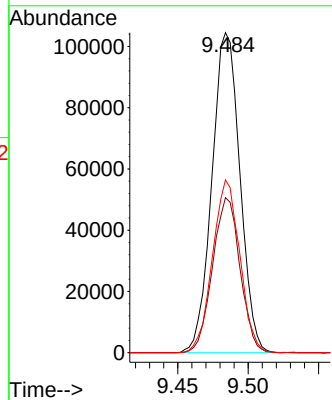
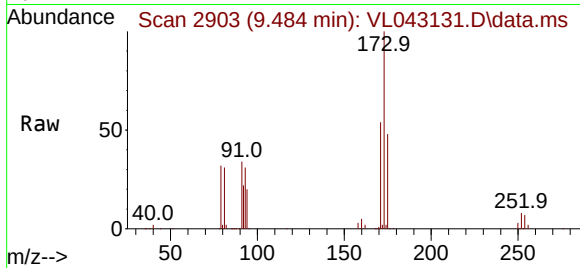
Tgt Ion:173 Resp: 144714

Ion Ratio Lower Upper

173 100

175 47.6 38.8 58.2

171 52.6 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 8.654 ppbv

RT: 5.749 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VL043131.D

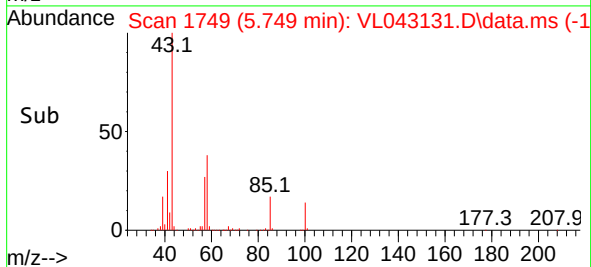
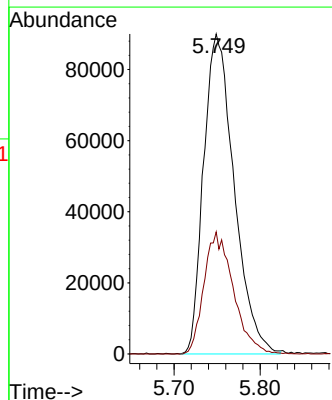
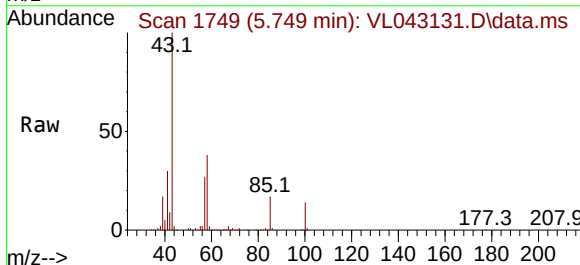
Acq: 17 Oct 2025 08:24

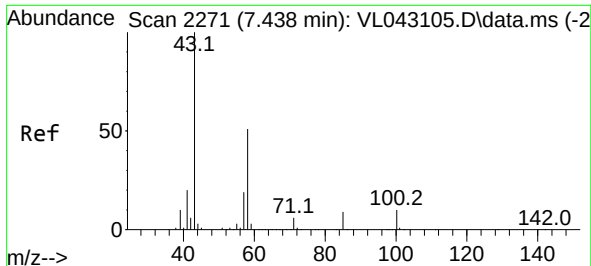
Tgt Ion: 43 Resp: 221652

Ion Ratio Lower Upper

43 100

58 36.7 29.1 43.7

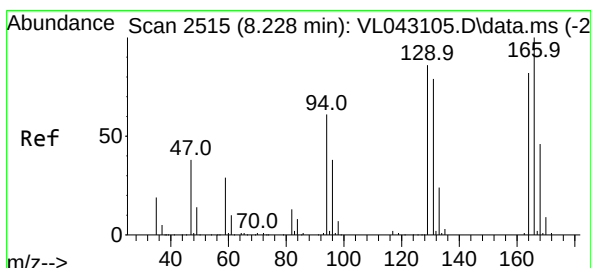
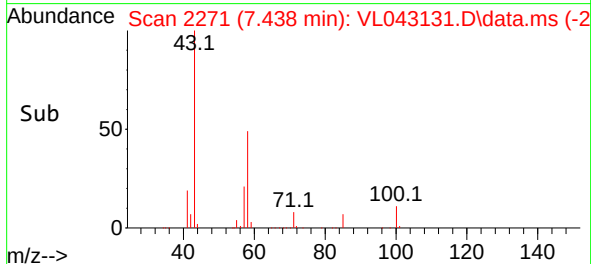
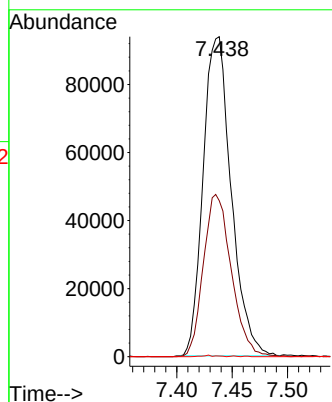
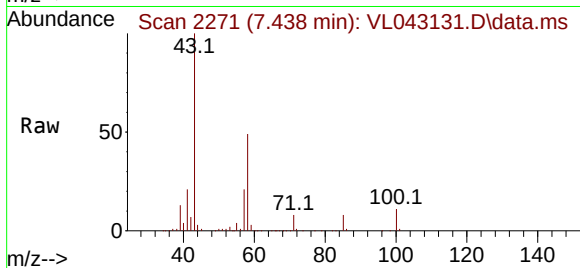




#51
2-Hexanone
Concen: 8.622 ppbv
RT: 7.438 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

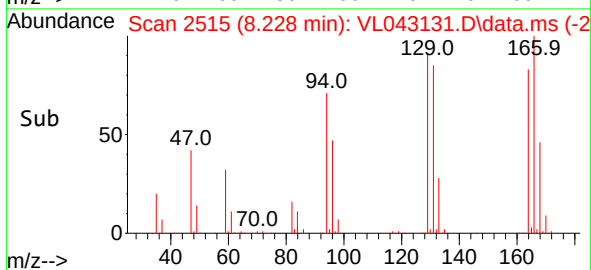
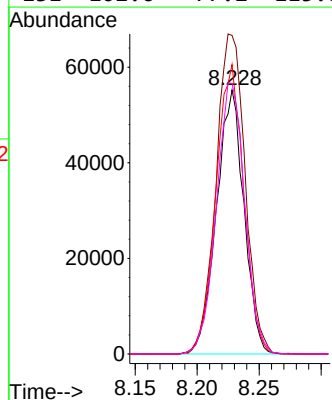
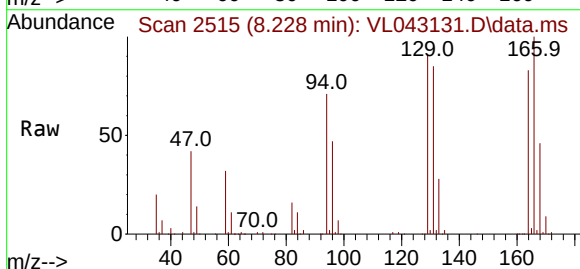
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

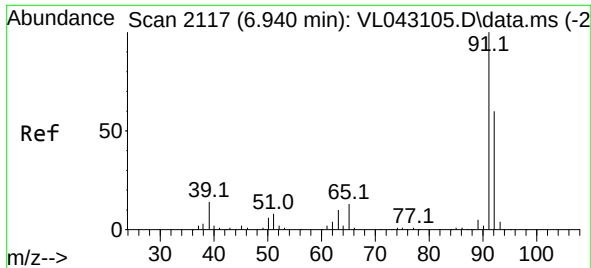
Tgt Ion: 43 Resp: 165641
Ion Ratio Lower Upper
43 100
58 50.6 40.4 60.6
98 0.2 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.077 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

Tgt Ion: 164 Resp: 85114
Ion Ratio Lower Upper
164 100
166 120.7 97.6 146.4
129 109.6 84.5 126.7
131 102.6 77.2 115.8

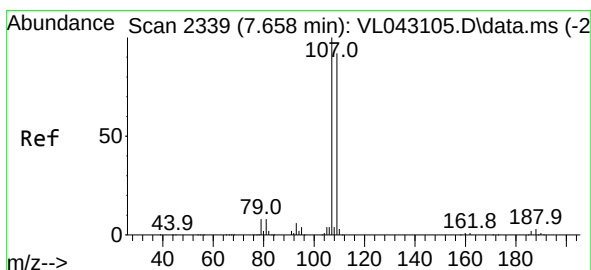
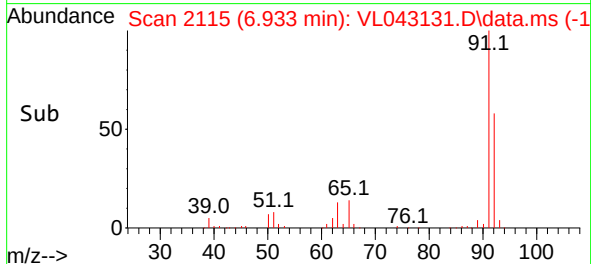
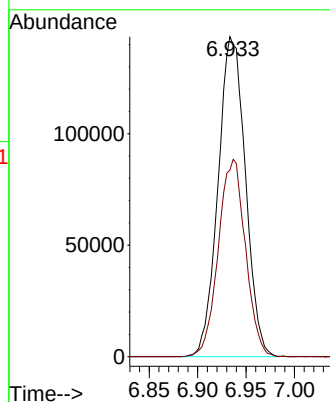
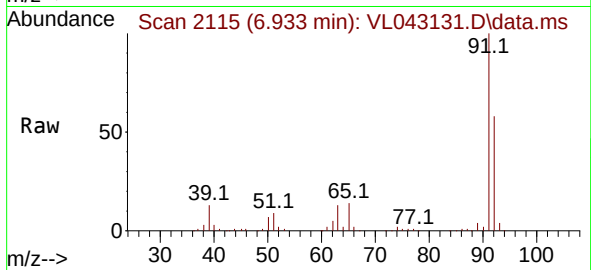




#53
Toluene
Concen: 9.141 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. -0.006 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

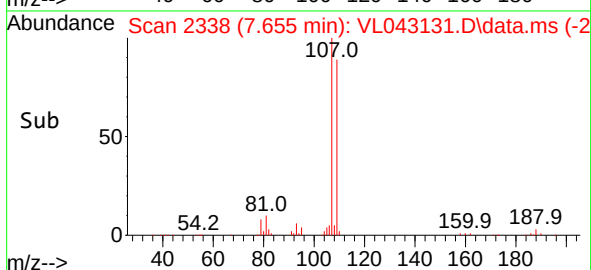
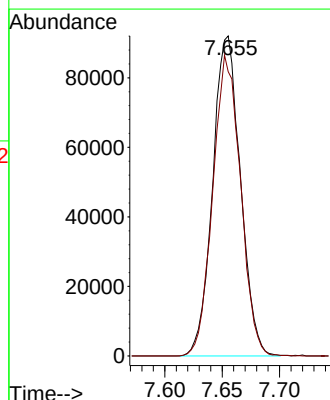
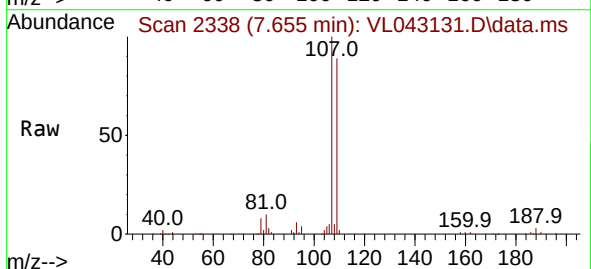
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

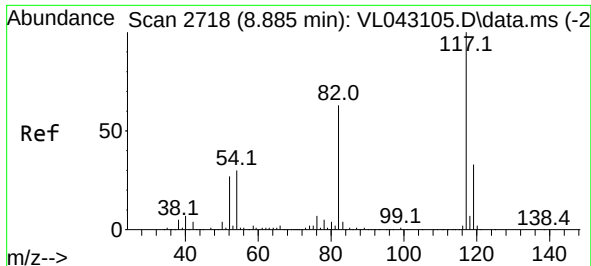
Tgt Ion: 91 Resp: 282121
Ion Ratio Lower Upper
91 100
92 61.1 48.8 73.2



#54
1,2-Dibromoethane
Concen: 9.630 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

Tgt Ion: 107 Resp: 154849
Ion Ratio Lower Upper
107 100
109 88.8 73.4 110.2

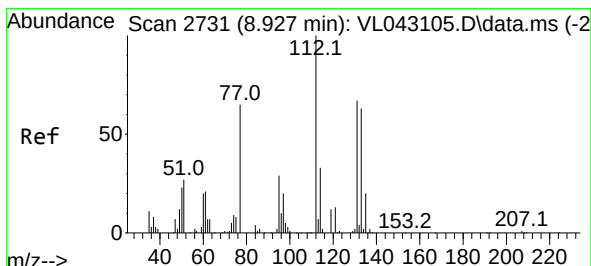
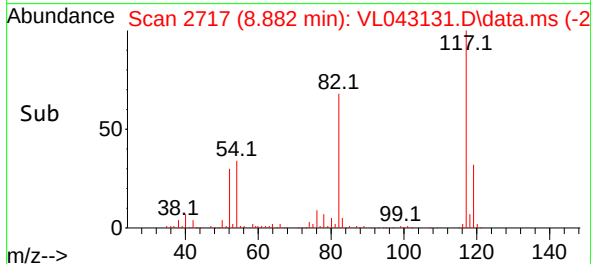
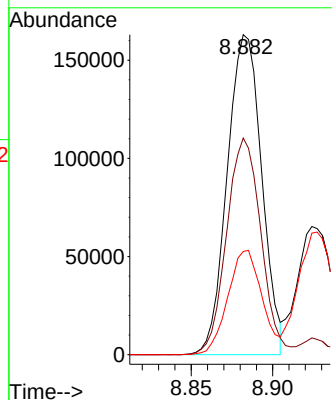
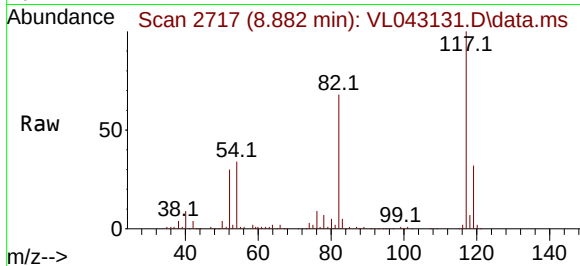




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2718
Delta R.T. -0.003 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

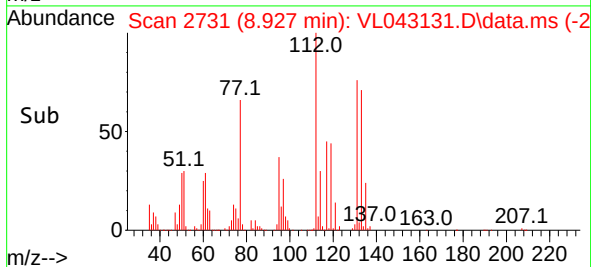
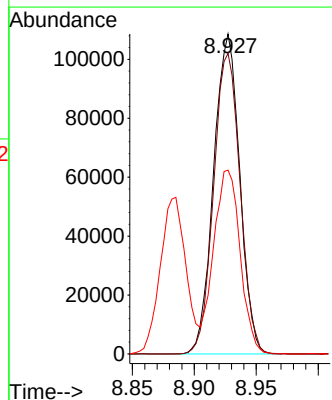
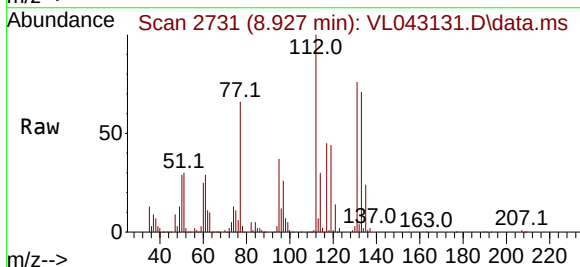
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

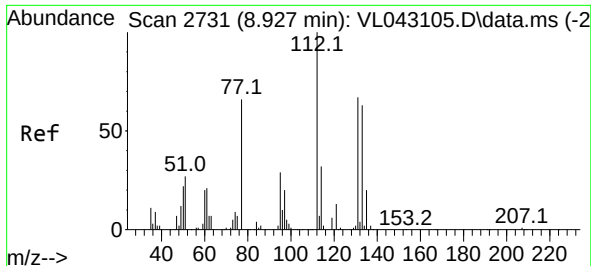
Tgt Ion:117 Resp: 239931
Ion Ratio Lower Upper
117 100
82 71.6 53.8 80.8
119 31.7 25.4 38.0



#56
1,1,1,2-Tetrachloroethane
Concen: 10.528 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

Tgt Ion:131 Resp: 159241
Ion Ratio Lower Upper
131 100
133 95.4 75.7 113.5
119 59.6 50.6 76.0

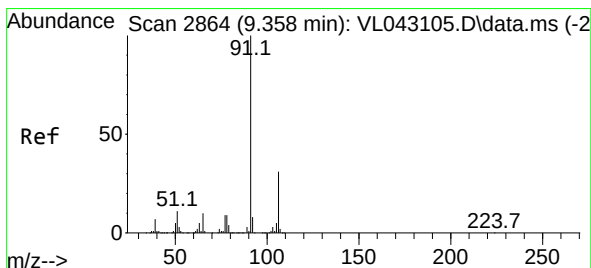
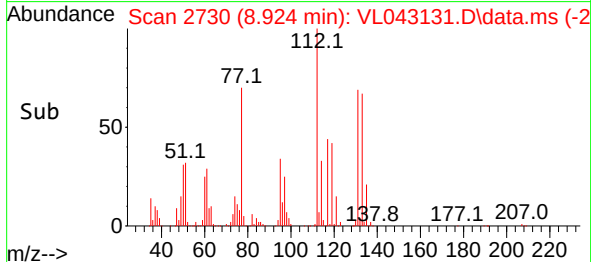
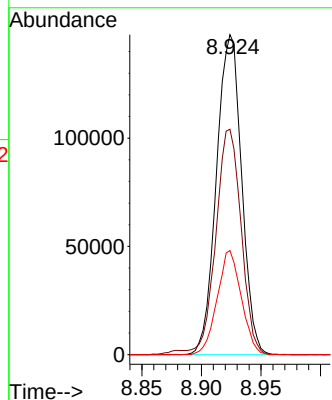
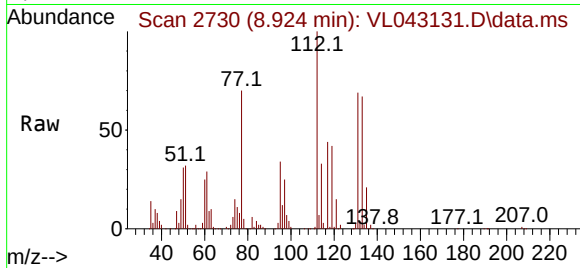




#57
Chlorobenzene
Concen: 9.662 ppbv
RT: 8.924 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

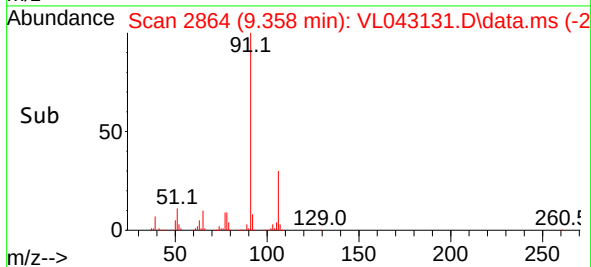
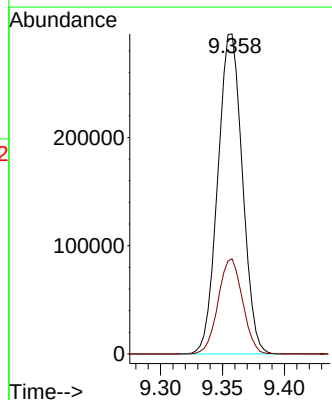
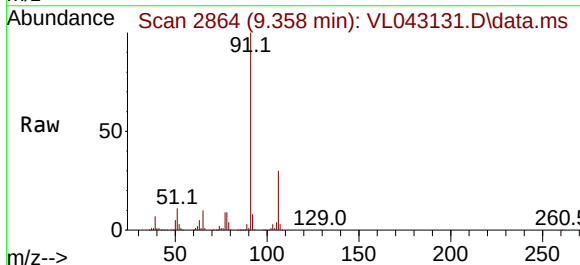
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

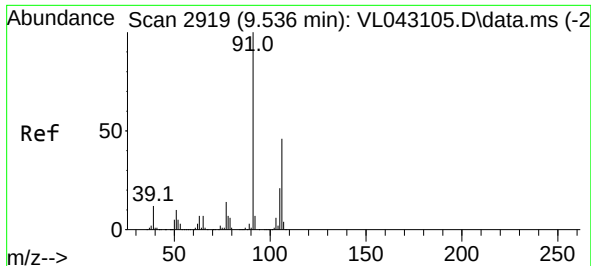
Tgt Ion:112 Resp: 216866
Ion Ratio Lower Upper
112 100
77 70.5 53.3 79.9
114 32.6 29.3 35.8



#58
Ethyl Benzene
Concen: 9.936 ppbv
RT: 9.358 min Scan# 2864
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

Tgt Ion: 91 Resp: 409155
Ion Ratio Lower Upper
91 100
106 29.7 24.8 37.2





#59

m/p-Xylene

Concen: 10.301 ppbv

RT: 9.532 min Scan# 2919

Delta R.T. -0.003 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

Instrument :

MSVOA_L

ClientSampleId :

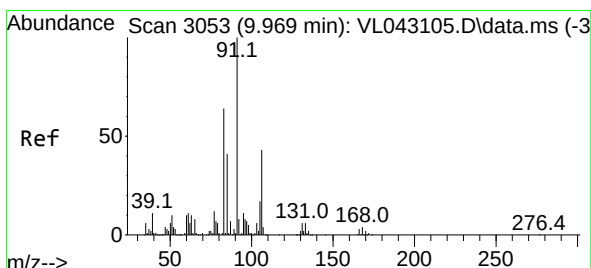
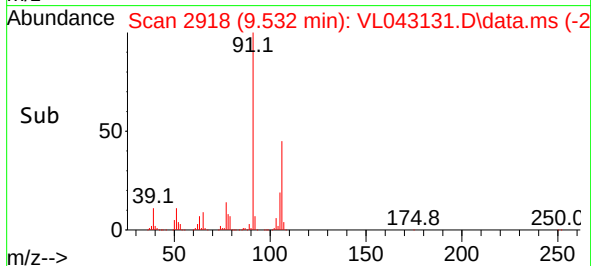
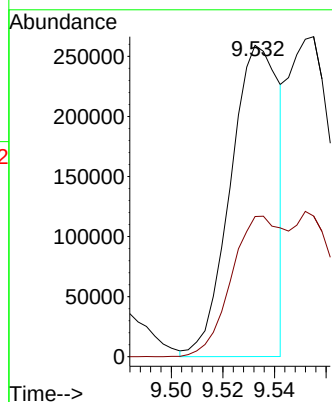
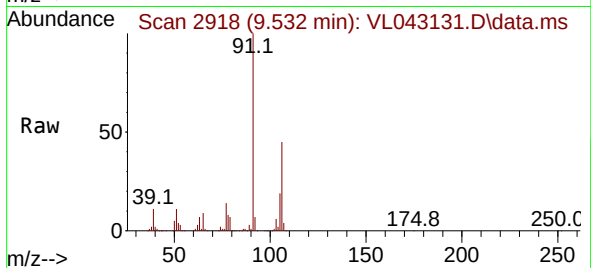
VSTDCCC010

Tgt Ion: 91 Resp: 338311

Ion Ratio Lower Upper

91 100

106 0.0 38.0 57.0#



#60

o-Xylene

Concen: 10.043 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. -0.003 min

Lab File: VL043131.D

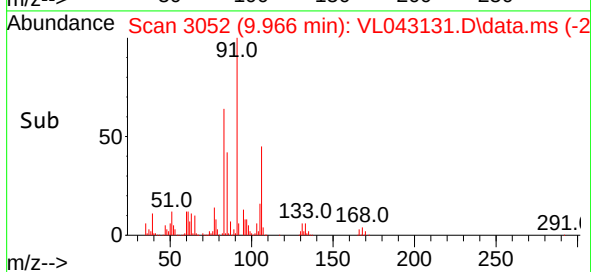
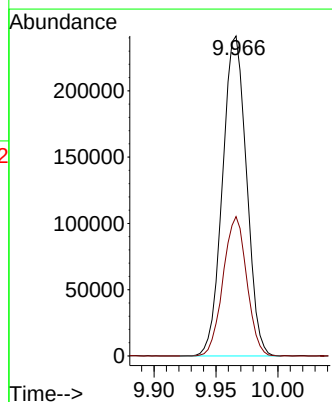
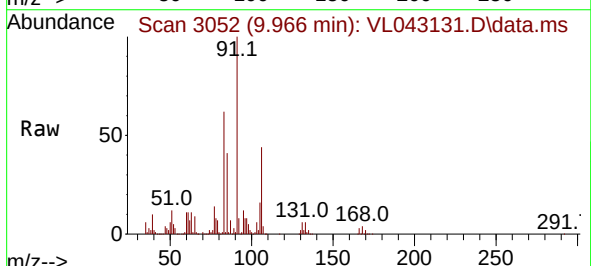
Acq: 17 Oct 2025 08:24

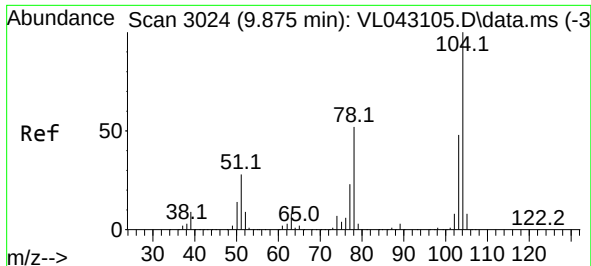
Tgt Ion: 91 Resp: 325784

Ion Ratio Lower Upper

91 100

106 42.9 21.9 65.8

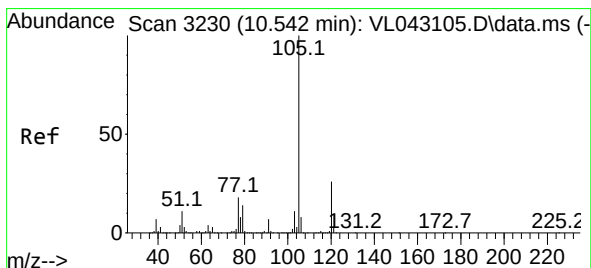
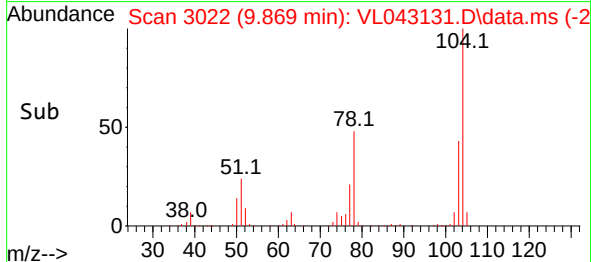
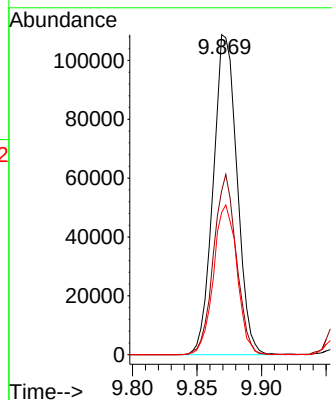
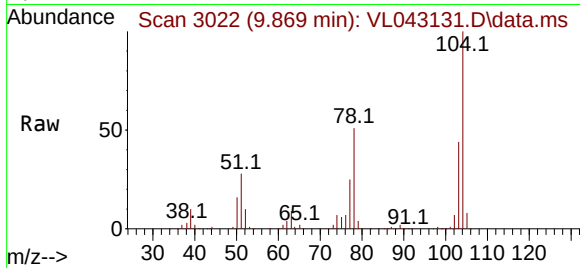




#61
Styrene
Concen: 9.530 ppbv
RT: 9.869 min Scan# 3024
Delta R.T. -0.006 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

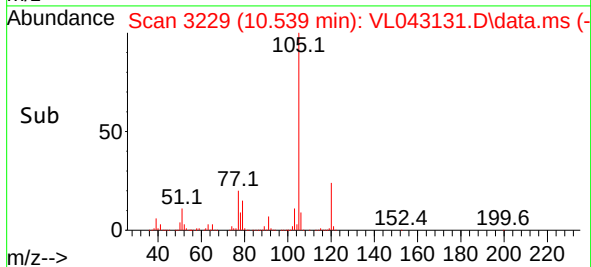
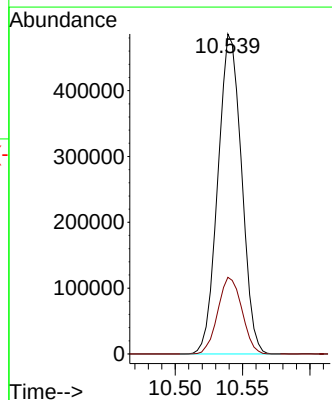
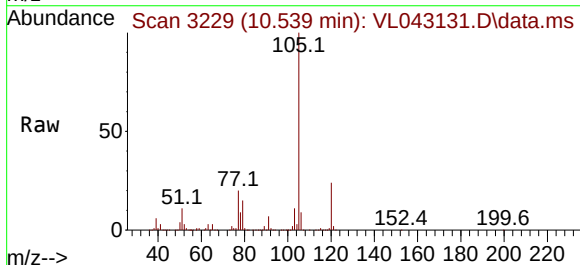
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

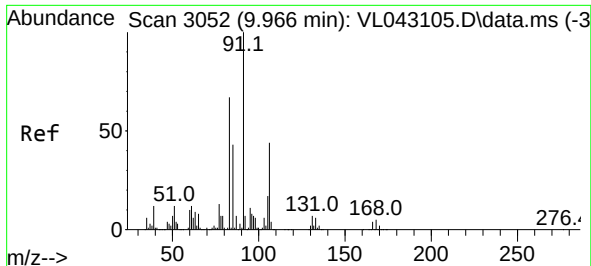
Tgt Ion:104 Resp: 139546
Ion Ratio Lower Upper
104 100
78 53.9 40.2 60.2
103 46.3 36.9 55.3



#62
Isopropylbenzene
Concen: 10.104 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. -0.003 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

Tgt Ion:105 Resp: 592251
Ion Ratio Lower Upper
105 100
120 24.4 20.2 30.4

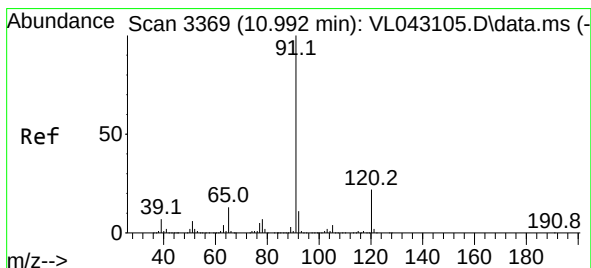
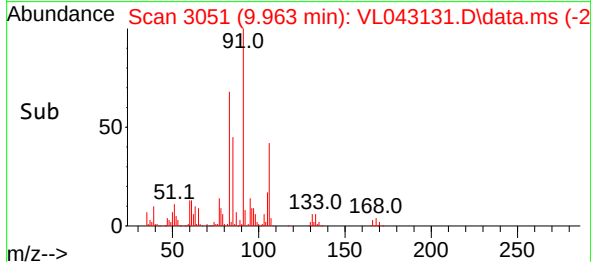
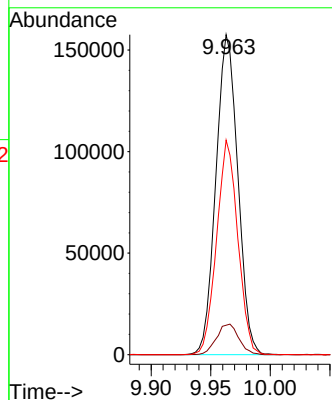
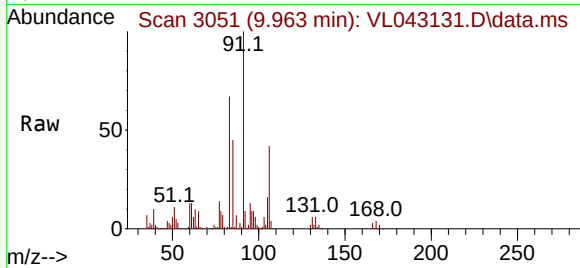




#63
1,1,2,2-Tetrachloroethane
Concen: 9.285 ppbv
RT: 9.963 min Scan# 3052
Delta R.T. -0.003 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

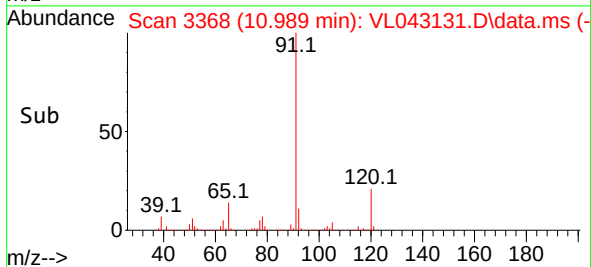
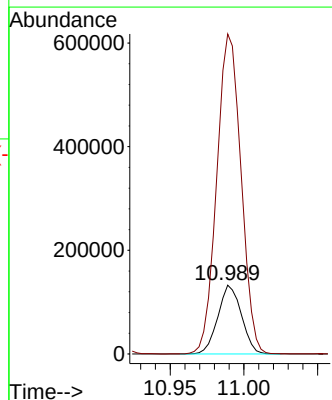
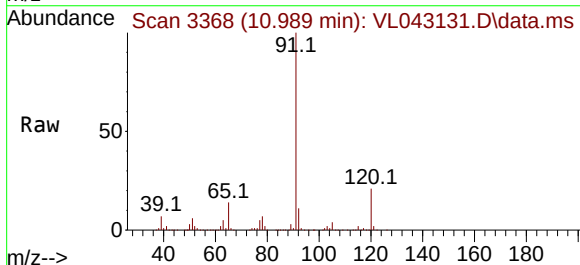
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

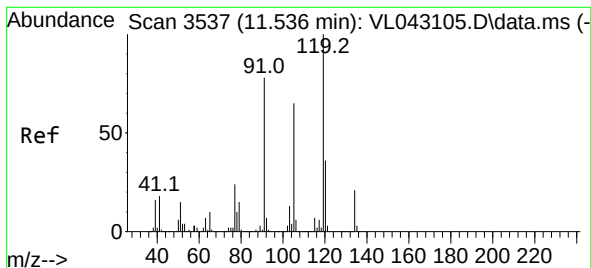
Tgt Ion: 83 Resp: 201670
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.3
85 64.7 32.0 96.0



#64
n-propylbenzene
Concen: 9.483 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. -0.003 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

Tgt Ion: 120 Resp: 147159
Ion Ratio Lower Upper
120 100
91 481.3 361.6 542.4





#65

tert-Butylbenzene

Concen: 9.622 ppbv

RT: 11.533 min Scan# 3536

Delta R.T. -0.003 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

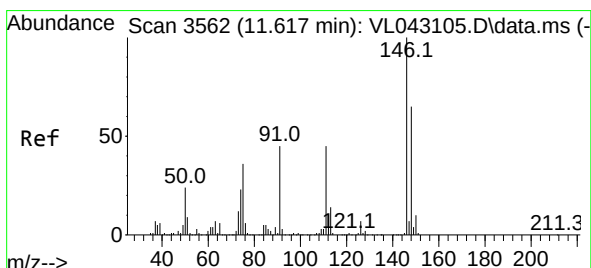
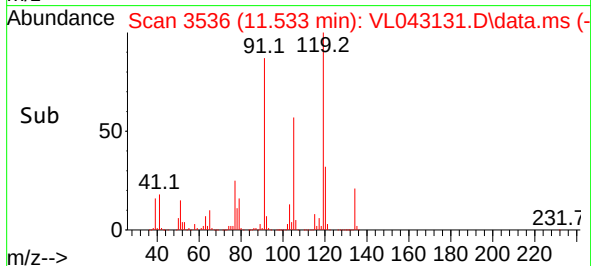
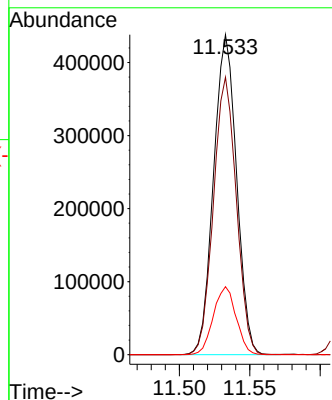
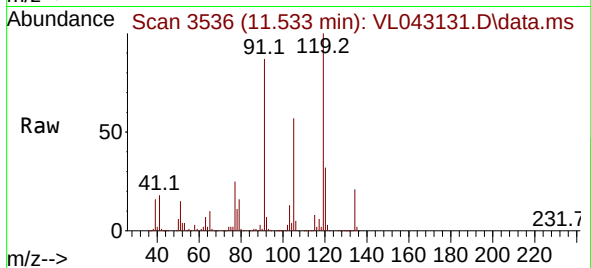
Tgt Ion:119 Resp: 498070

Ion Ratio Lower Upper

119 100

91 86.3 63.4 95.0

134 21.0 17.3 25.9



#66

Benzyl Chloride

Concen: 8.964 ppbv

RT: 11.617 min Scan# 3562

Delta R.T. 0.000 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

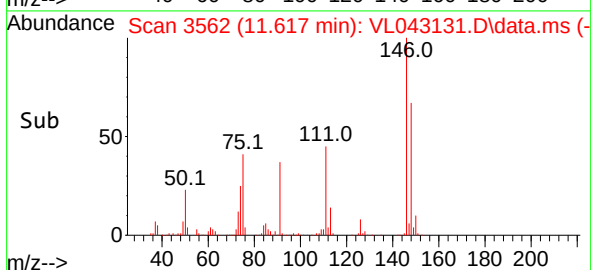
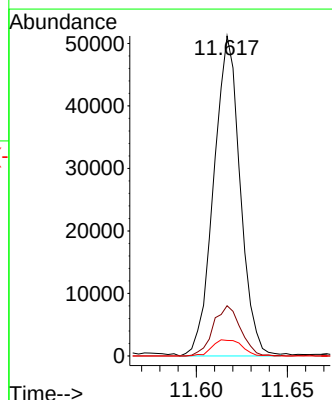
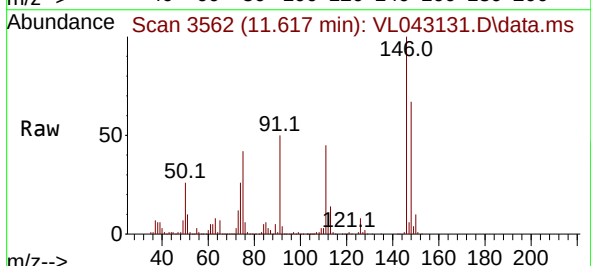
Tgt Ion: 91 Resp: 51637

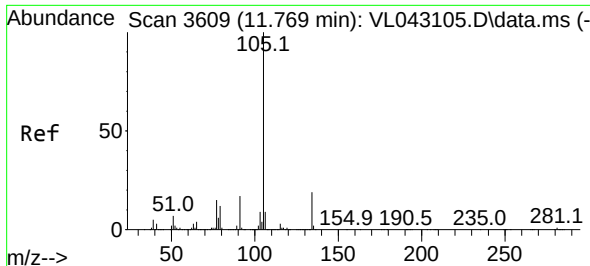
Ion Ratio Lower Upper

91 100

126 16.3 14.6 22.0

128 5.7 4.6 6.8

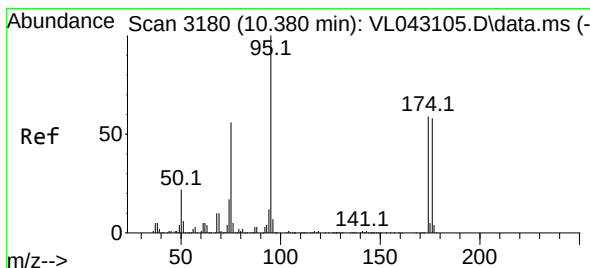
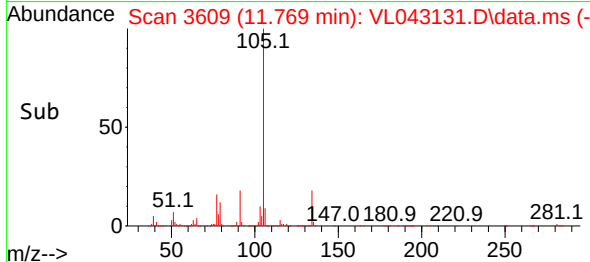
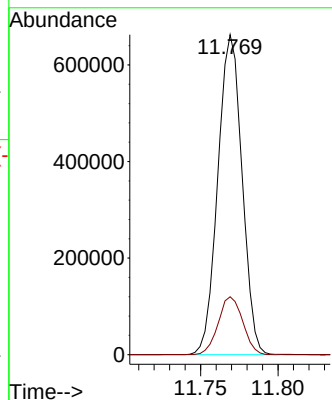
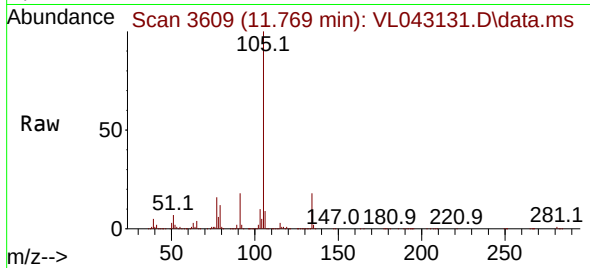




#67
 sec-Butylbenzene
 Concen: 9.814 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VL043131.D
 Acq: 17 Oct 2025 08:24

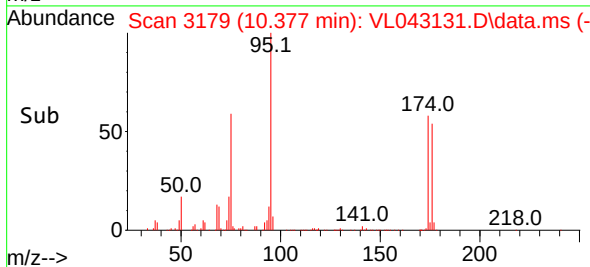
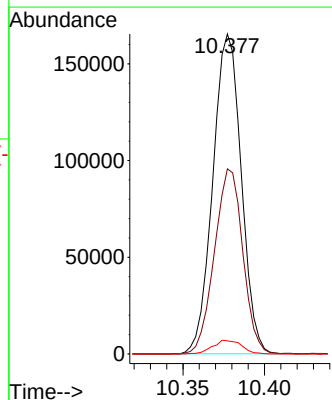
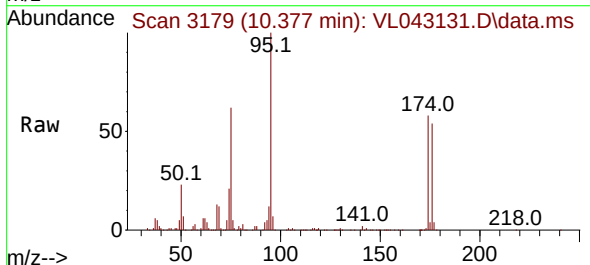
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

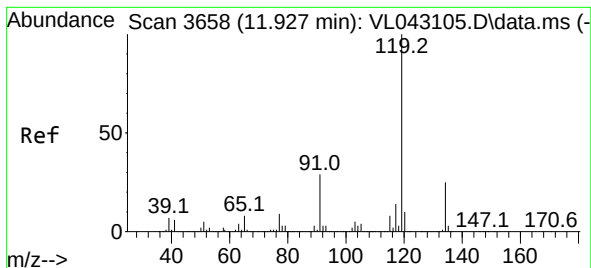
Tgt Ion:105 Resp: 720911
 Ion Ratio Lower Upper
 105 100
 134 18.3 15.5 23.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.725 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.003 min
 Lab File: VL043131.D
 Acq: 17 Oct 2025 08:24

Tgt Ion: 95 Resp: 200022
 Ion Ratio Lower Upper
 95 100
 174 57.9 48.3 72.5
 175 4.4 3.8 5.8





#69

p-Isopropyltoluene

Concen: 9.662 ppbv

RT: 11.928 min Scan# 3658

Delta R.T. 0.000 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

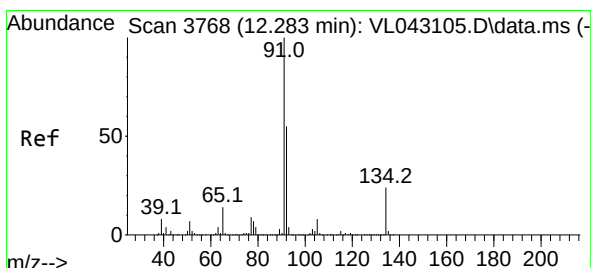
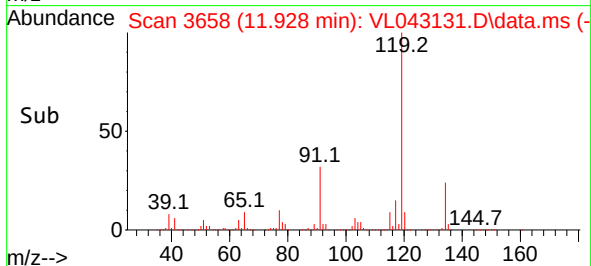
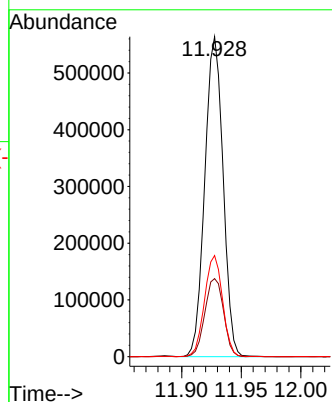
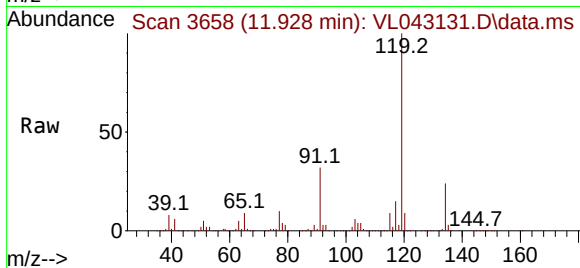
Tgt Ion:119 Resp: 603162

Ion Ratio Lower Upper

119 100

134 25.1 20.3 30.5

91 31.4 22.6 33.8



#70

n-Butylbenzene

Concen: 9.998 ppbv

RT: 12.284 min Scan# 3768

Delta R.T. 0.000 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

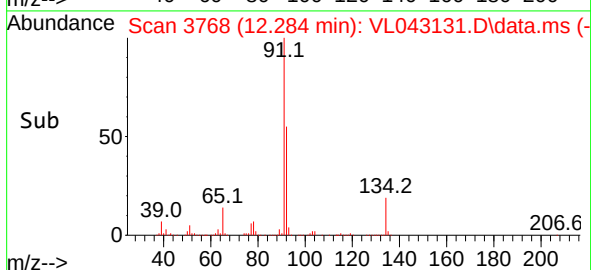
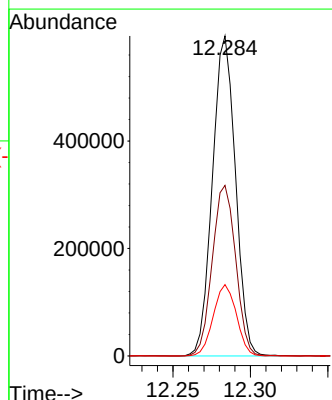
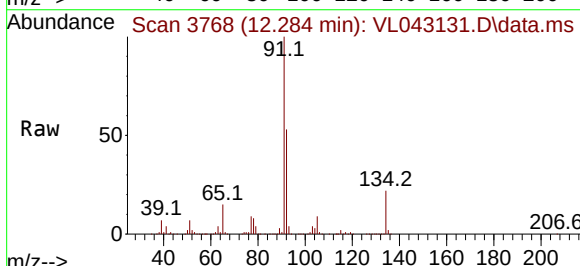
Tgt Ion: 91 Resp: 615055

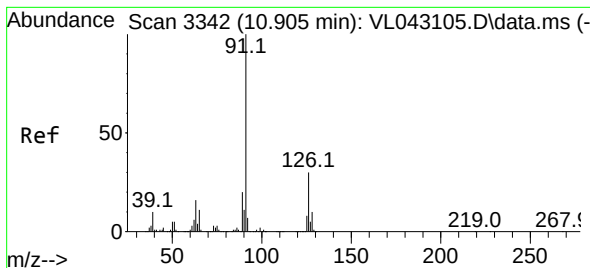
Ion Ratio Lower Upper

91 100

92 54.4 44.5 66.7

134 22.4 19.3 28.9

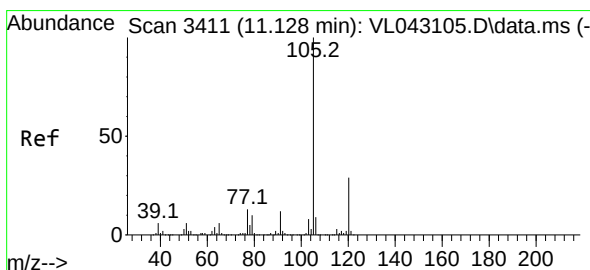
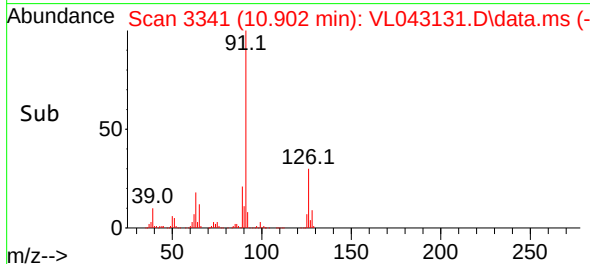
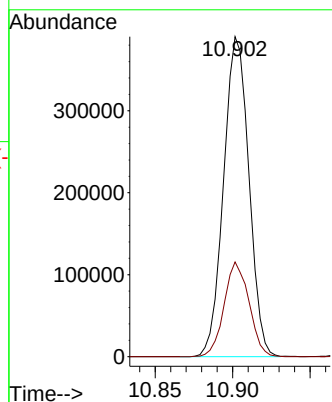
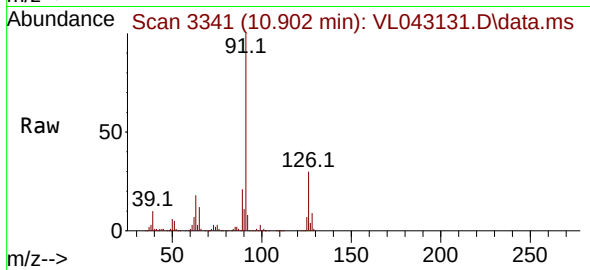




#71
2-Chlorotoluene
Concen: 9.920 ppbv
RT: 10.902 min Scan# 311
Delta R.T. -0.003 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

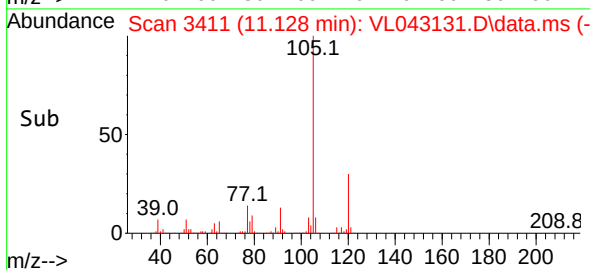
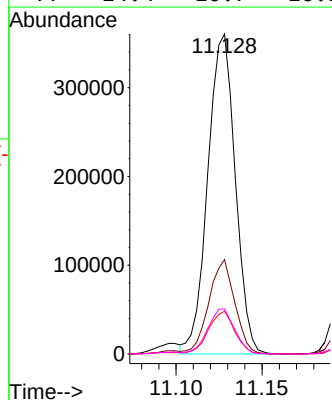
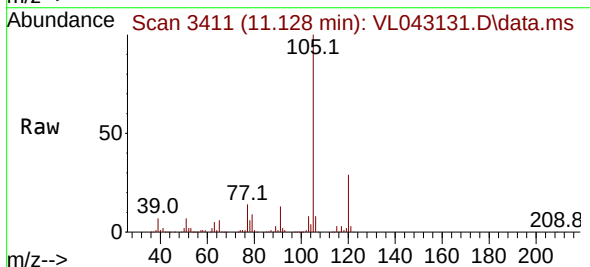
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

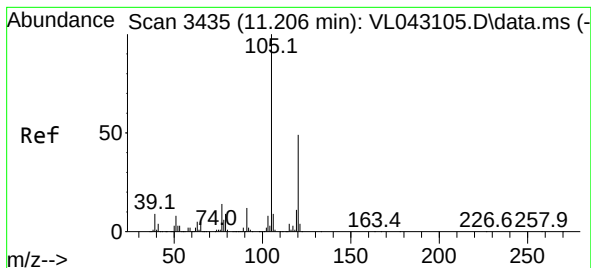
Tgt Ion: 91 Resp: 443473
Ion Ratio Lower Upper
91 100
126 29.1 12.0 48.0



#72
4-Ethyltoluene
Concen: 10.042 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

Tgt Ion:105 Resp: 400537
Ion Ratio Lower Upper
105 100
120 28.7 24.2 36.4
91 13.1 10.0 15.0
77 14.4 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 10.196 ppbv

RT: 11.206 min Scan# 3435

Delta R.T. 0.000 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

Instrument :

MSVOA_L

ClientSampleId :

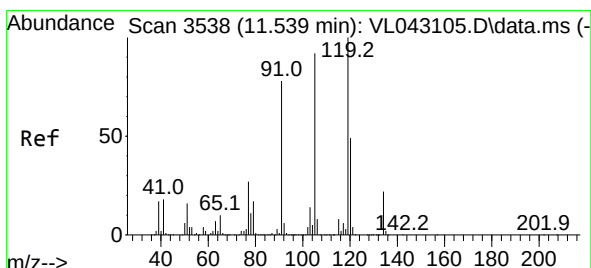
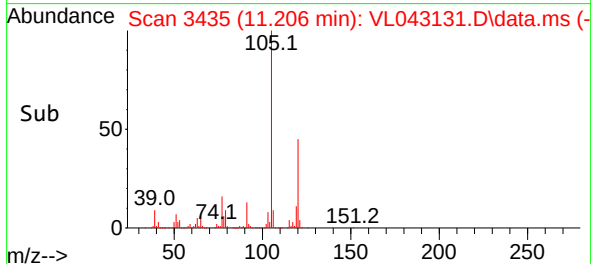
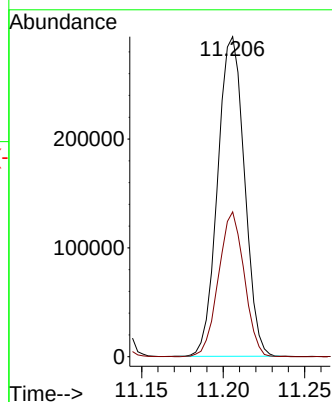
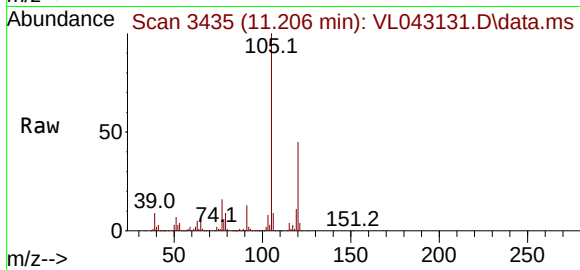
VSTDCCC010

Tgt Ion:105 Resp: 335378

Ion Ratio Lower Upper

105 100

120 45.3 39.0 58.6



#74

1,2,4-Trimethylbenzene

Concen: 9.790 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.000 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

Tgt Ion:105 Resp: 360377

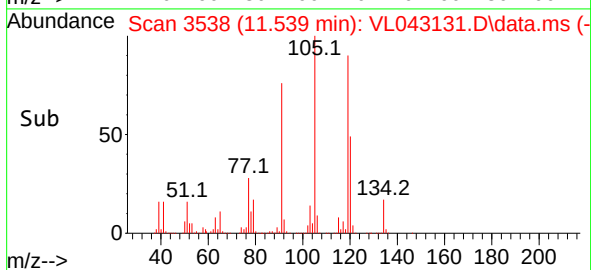
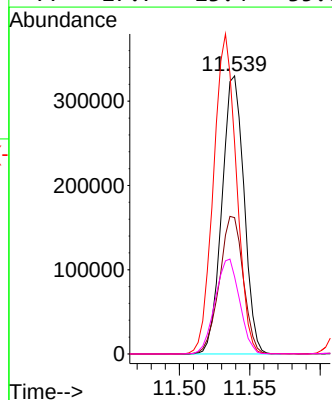
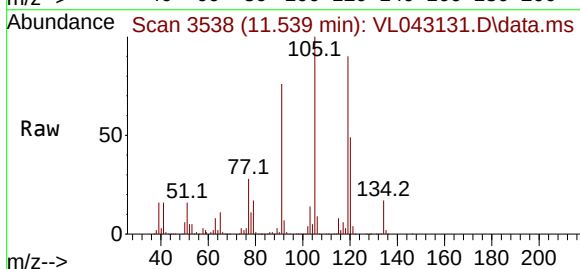
Ion Ratio Lower Upper

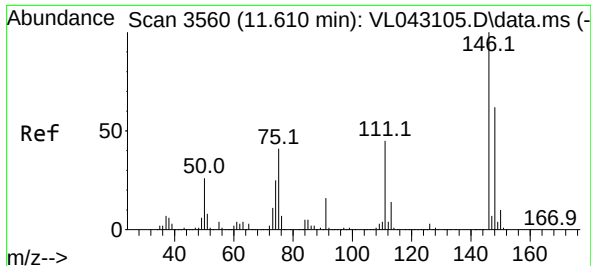
105 100

120 49.0 42.8 64.2

91 75.8 68.3 102.5

77 27.7 23.4 35.0

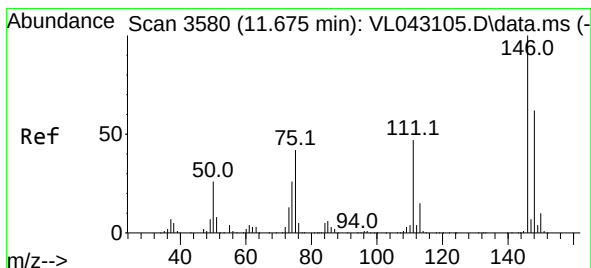
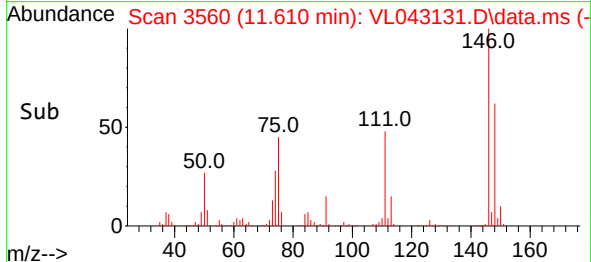
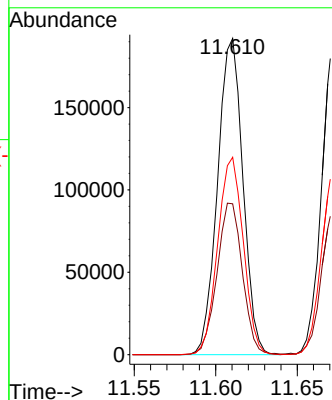
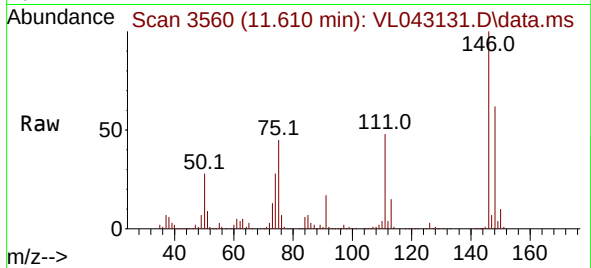




#75
1,3-Dichlorobenzene
Concen: 9.716 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. 0.000 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

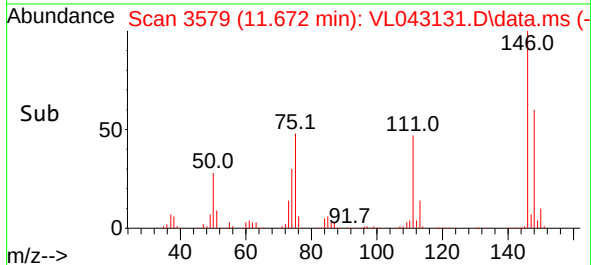
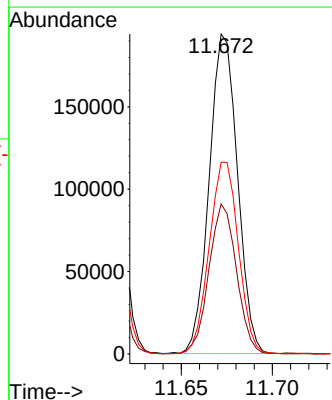
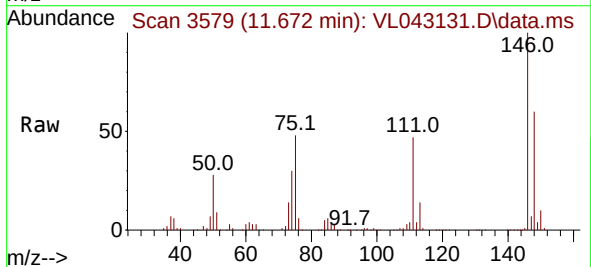
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

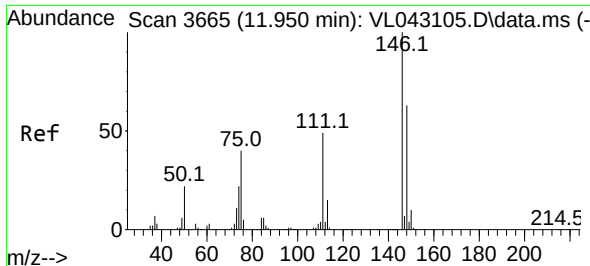
Tgt Ion:146 Resp: 207444
Ion Ratio Lower Upper
146 100
111 48.0 23.3 69.9
148 63.1 31.6 95.0



#76
1,4-Dichlorobenzene
Concen: 9.741 ppbv
RT: 11.672 min Scan# 3579
Delta R.T. -0.003 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

Tgt Ion:146 Resp: 209711
Ion Ratio Lower Upper
146 100
111 46.0 22.4 67.0
148 62.4 31.6 94.7

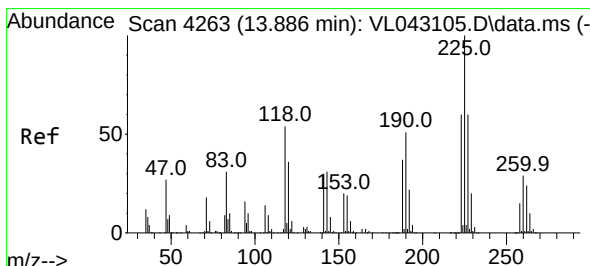
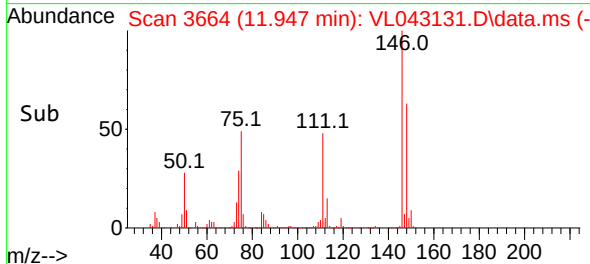
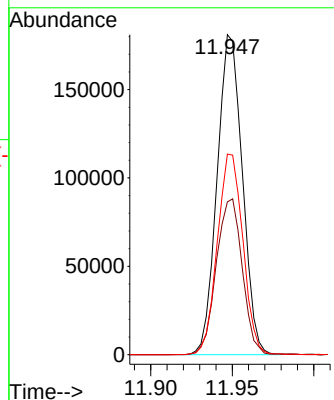
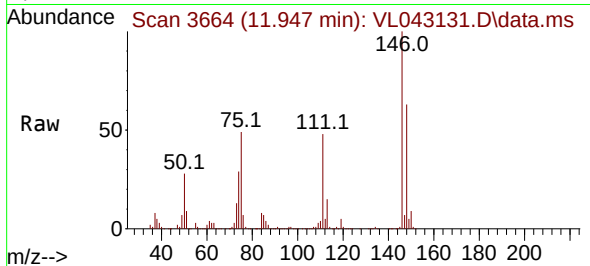




#77
1,2-Dichlorobenzene
Concen: 9.451 ppbv
RT: 11.947 min Scan# 3664
Delta R.T. -0.003 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

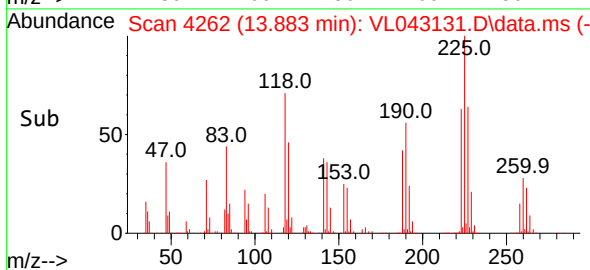
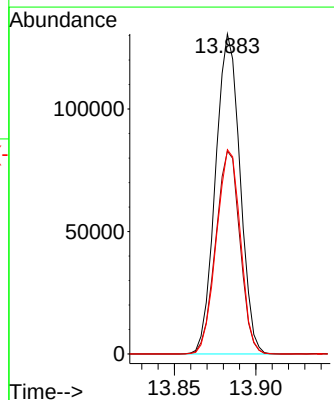
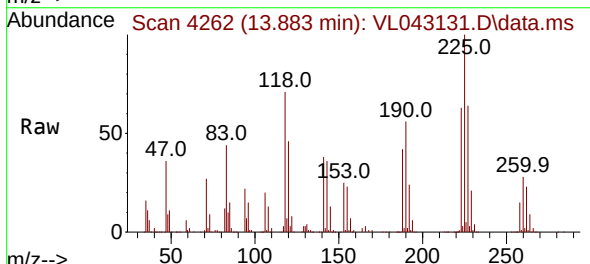
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

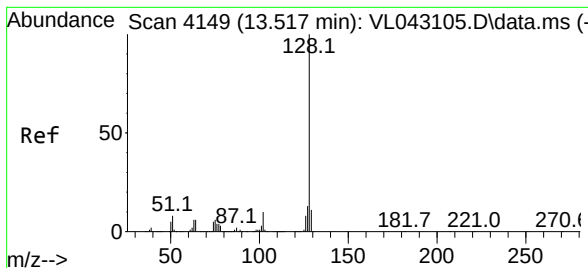
Tgt Ion:146 Resp: 195192
Ion Ratio Lower Upper
146 100
111 50.1 24.0 72.0
148 63.5 31.1 93.3



#78
Hexachloro-1,3-Butadiene
Concen: 8.539 ppbv
RT: 13.883 min Scan# 4262
Delta R.T. -0.003 min
Lab File: VL043131.D
Acq: 17 Oct 2025 08:24

Tgt Ion:225 Resp: 136548
Ion Ratio Lower Upper
225 100
223 62.7 50.2 75.4
227 62.9 49.6 74.4





#79

Naphthalene

Concen: 9.292 ppbv

RT: 13.514 min Scan# 4149

Delta R.T. -0.003 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

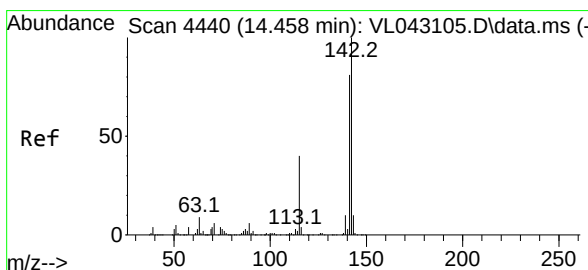
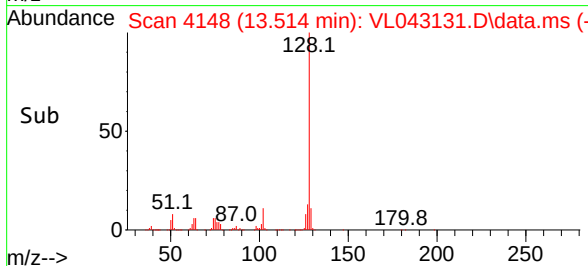
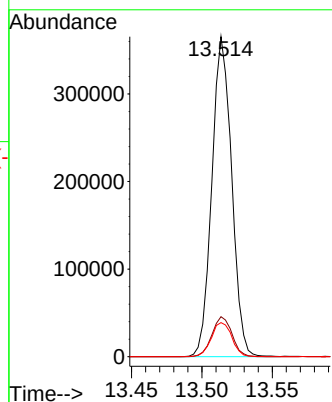
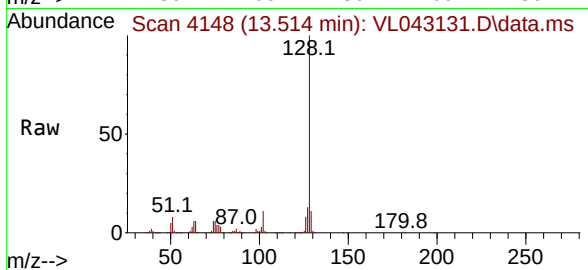
Tgt Ion:128 Resp: 357522

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 10.6 9.1 13.7



#80

Naphthalene,2-methyl-

Concen: 10.908 ppbv

RT: 14.459 min Scan# 4440

Delta R.T. 0.000 min

Lab File: VL043131.D

Acq: 17 Oct 2025 08:24

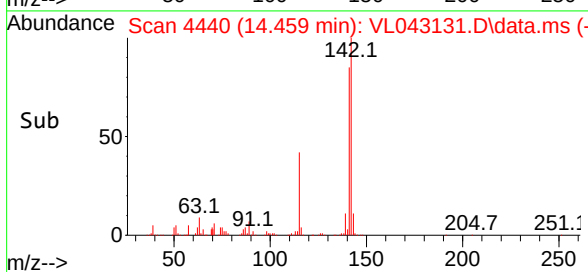
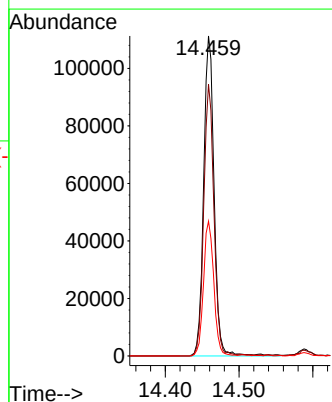
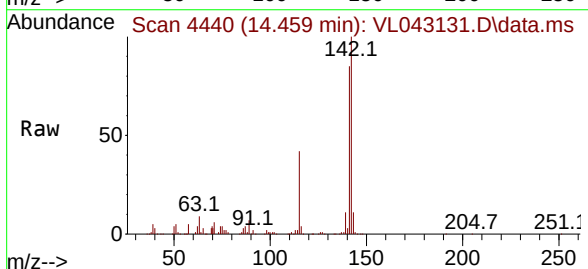
Tgt Ion:142 Resp: 109340

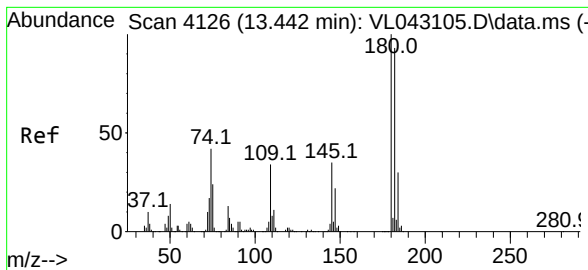
Ion Ratio Lower Upper

142 100

141 84.3 64.6 97.0

115 42.0 30.2 45.4





#81
 1,2,4-Trichlorobenzene
 Concen: 9.383 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL043131.D
 Acq: 17 Oct 2025 08:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:	180	Resp:	149848
Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.5	113.3
184	30.4	23.9	35.9

