

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110425\
 Data File : VL043144.D
 Acq On : 04 Nov 2025 08:25
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Nov 05 05:21:55 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	2.784	49	117523	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	381432	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	341295	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.374 95 265573 10.011 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	168294	10.073	ppbv	100
3) Chlorodifluoromethane	1.476	51	177115	9.798	ppbv	97
4) Chloromethane	1.531	50	57108	8.628	ppbv	98
5) Vinyl Chloride	1.580	62	56113	8.643	ppbv	99
6) Bromomethane	1.667	94	33901	9.523	ppbv	95
7) Chloroethane	1.703	64	23032	8.677	ppbv	97
8) Dichlorotetrafluoroethane	1.554	85	132979	9.848	ppbv	92
9) Propene	1.482	41	70388	8.779	ppbv	99
10) Heptane	4.972	43	201076	8.712	ppbv	97
11) Trichlorofluoromethane	1.877	101	177713	10.874	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.136	101	137928	10.483	ppbv	95
13) Ethanol	1.719	45	20803	7.015	ppbv	97
14) Bromoethene	1.780	108	48939	10.012	ppbv	99
15) Acetone	1.832	43	133568	8.432	ppbv	99
16) 1,3-Butadiene	1.609	39	61858	8.194	ppbv	99
17) tert-Butyl alcohol	2.036	59	206105	9.479	ppbv	99
18) 1,1-Dichloroethene	2.033	96	58272	10.159	ppbv	87
19) Isopropyl Alcohol	1.884	45	84669	8.582	ppbv	96
20) Methylene Chloride	2.059	84	52584	8.398	ppbv	94
21) Allyl Chloride	2.094	41	104908	8.988	ppbv	96
22) trans-1,2-Dichloroethene	2.340	96	68793	10.033	ppbv	90
23) Vinyl Acetate	2.460	43	218328	9.409	ppbv #	98
24) 1,1-Dichloroethane	2.405	63	128643	9.711	ppbv	99
25) Ethyl Acetate	2.832	43	373628	9.511	ppbv	99
26) Hexane	2.826	57	172594	9.535	ppbv	96
27) Carbon Disulfide	2.149	76	167299	10.088	ppbv	97
28) Methyl tert-Butyl Ether	2.437	73	73873	8.971	ppbv	94
29) Chloroform	2.845	83	277911	10.597	ppbv	98
30) Cyclohexane	3.852	84	148884	9.424	ppbv	94
31) cis-1,2-Dichloroethene	2.719	61	178157	10.308	ppbv	91
32) 1,1,1-Trichloroethane	3.363	97	285148	10.441	ppbv	99
34) 2-Butanone	2.554	43	244004	9.517	ppbv	97
35) Carbon Tetrachloride	3.758	117	298090	10.870	ppbv	97
36) Benzene	3.651	78	355254	9.889	ppbv	98
37) 1,2-Dichloroethane	3.214	62	213056	10.295	ppbv	98
38) Trichloroethene	4.544	130	142465	9.495	ppbv	95
39) 1,2-Dichloropropane	4.308	63	125672	9.569	ppbv	95
40) 1,4-Dioxane	4.567	88	56126	9.550	ppbv #	91
41) Tetrahydrofuran	3.046	42	126807	8.843	ppbv	95
42) Bromodichloromethane	4.483	83	303962	10.612	ppbv	97
43) Methyl Methacrylate	4.868	69	170573	9.348	ppbv	97
44) 2,2,4-Trimethylpentane	4.635	57	564212	9.309	ppbv	99
45) t-1,3-Dichloropropene	6.409	75	178441	9.745	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110425\
 Data File : VL043144.D
 Acq On : 04 Nov 2025 08:25
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

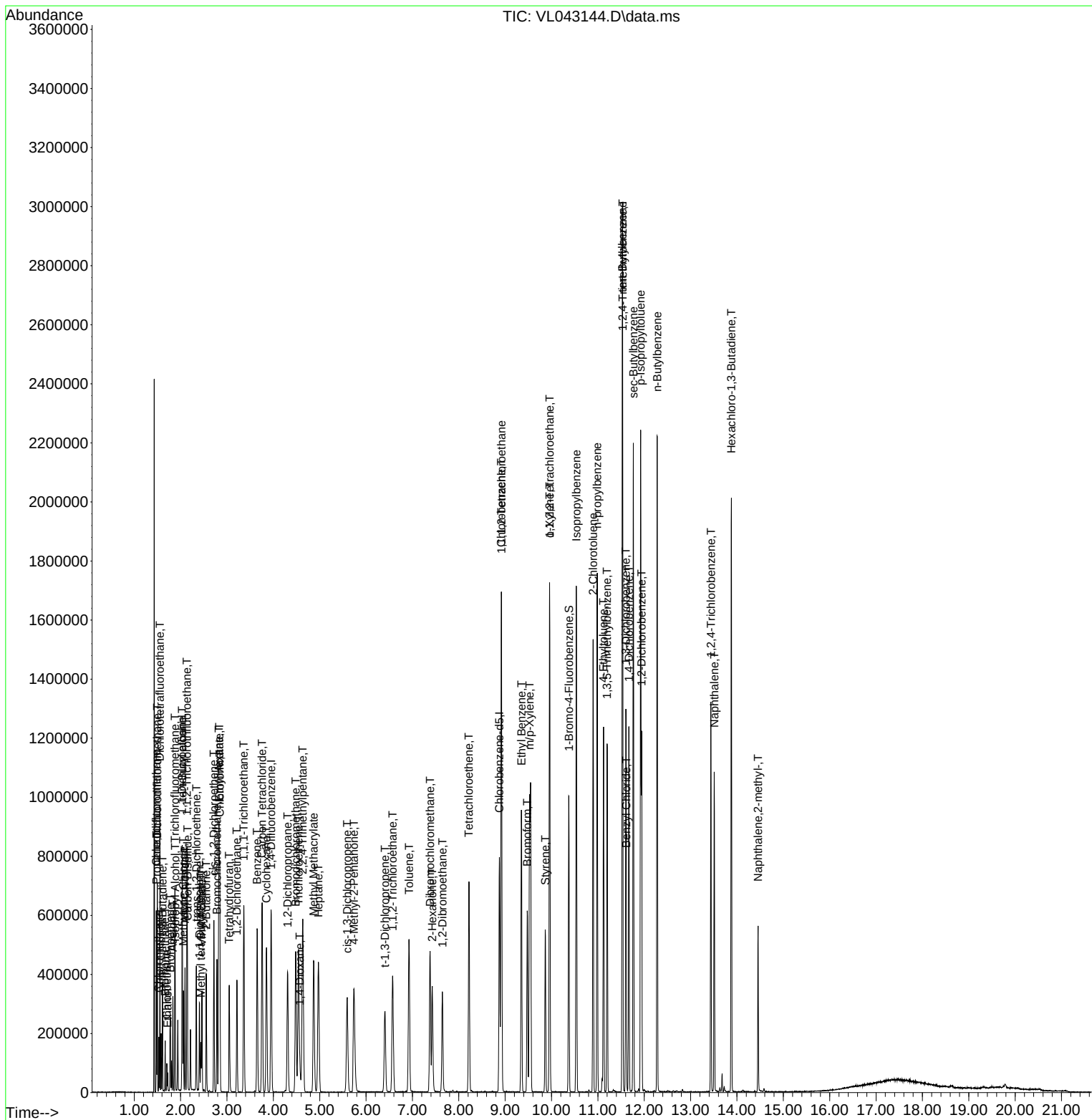
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

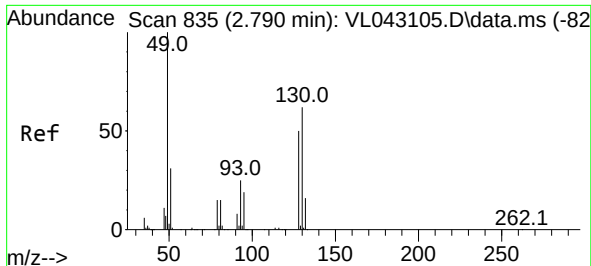
Quant Time: Nov 05 05:21:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Oct 15 02:12:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	214624	9.812	ppbv	97
47) 1,1,2-Trichloroethane	6.574	97	139574	9.841	ppbv	95
48) Dibromochloromethane	7.380	129	248108	10.463	ppbv	99
49) Bromoform	9.477	173	214923	11.150	ppbv	99
50) 4-Methyl-2-Pentanone	5.739	43	313044	8.847	ppbv	98
51) 2-Hexanone	7.428	43	243816	9.186	ppbv #	99
52) Tetrachloroethene	8.218	164	130481	10.072	ppbv	97
53) Toluene	6.926	91	403111	9.454	ppbv	99
54) 1,2-Dibromoethane	7.645	107	220541	9.928	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.920	131	225896	10.500	ppbv	98
57) Chlorobenzene	8.917	112	307315	9.625	ppbv	99
58) Ethyl Benzene	9.351	91	563346	9.618	ppbv	100
59) m/p-Xylene	9.529	91	436092	9.334	ppbv #	29
60) o-Xylene	9.959	91	450523	9.764	ppbv	100
61) Styrene	9.865	104	198862	9.547	ppbv	99
62) Isopropylbenzene	10.535	105	807370	9.683	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.959	83	283373	9.172	ppbv	99
64) n-propylbenzene	10.985	120	210081	9.517	ppbv	97
65) tert-Butylbenzene	11.529	119	685817	9.314	ppbv	98
66) Benzyl Chloride	11.613	91	70071	8.551	ppbv	100
67) sec-Butylbenzene	11.765	105	982589	9.403	ppbv	100
69) p-Isopropyltoluene	11.924	119	828649	9.332	ppbv	98
70) n-Butylbenzene	12.280	91	826157	9.441	ppbv	100
71) 2-Chlorotoluene	10.898	91	611331	9.613	ppbv	99
72) 4-Ethyltoluene	11.121	105	544492	9.597	ppbv	100
73) 1,3,5-Trimethylbenzene	11.199	105	458339	9.795	ppbv	94
74) 1,2,4-Trimethylbenzene	11.535	105	492936	9.414	ppbv #	86
75) 1,3-Dichlorobenzene	11.603	146	300899	9.908	ppbv	98
76) 1,4-Dichlorobenzene	11.668	146	305313	9.970	ppbv	99
77) 1,2-Dichlorobenzene	11.943	146	286249	9.743	ppbv	98
78) Hexachloro-1,3-Butadiene	13.879	225	215505	9.474	ppbv	99
79) Naphthalene	13.510	128	510850	9.334	ppbv	99
80) Naphthalene,2-methyl-	14.455	142	156960	11.008	ppbv	97
81) 1,2,4-Trichlorobenzene	13.439	180	229907	10.121	ppbv	99

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

Quant Time: Nov 05 05:21:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Oct 15 02:12:58 2025
Response via : Initial Calibration

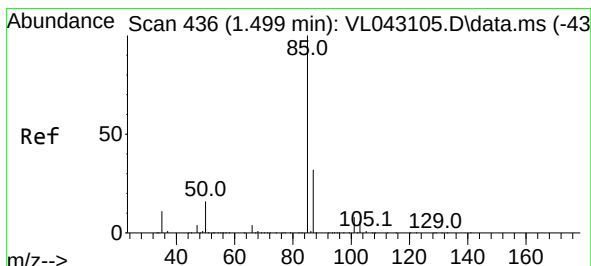
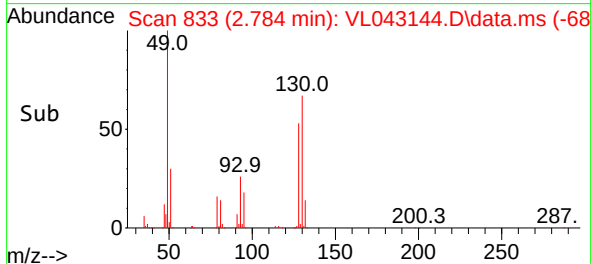
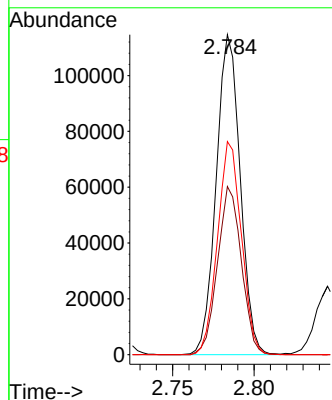
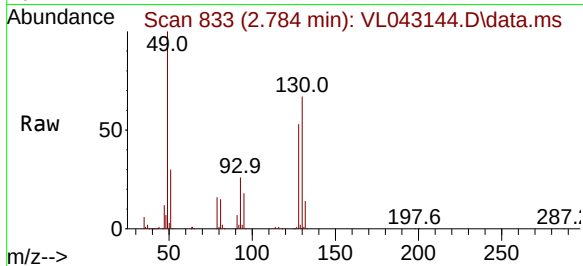




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

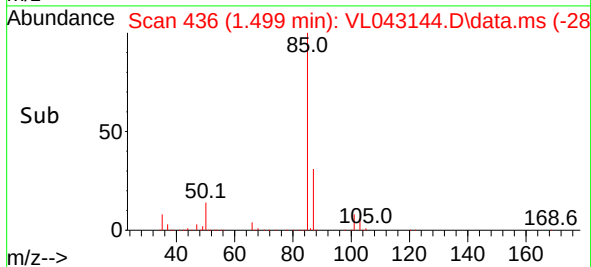
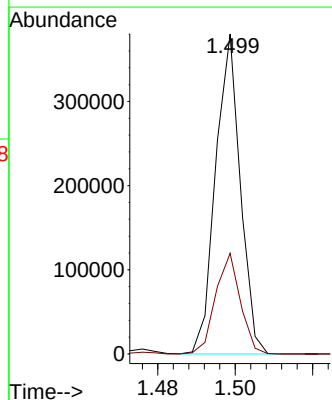
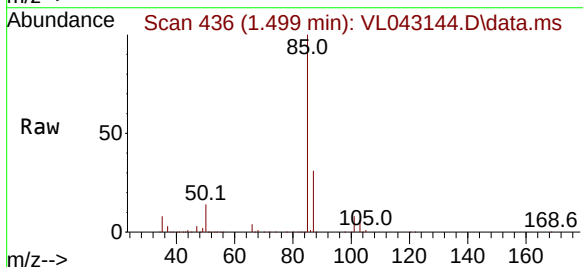
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

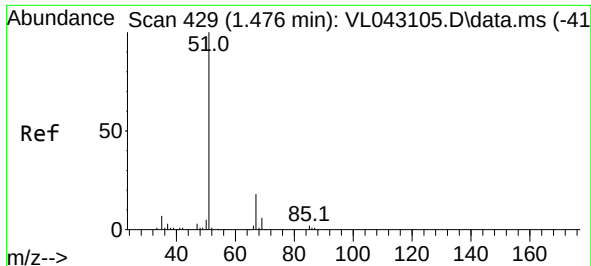
Tgt Ion: 49 Resp: 117523
Ion Ratio Lower Upper
49 100
128 52.1 24.4 73.4
130 66.1 31.0 93.0



#2
Dichlorodifluoromethane
Concen: 10.073 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion: 85 Resp: 168294
Ion Ratio Lower Upper
85 100
87 31.4 25.3 37.9

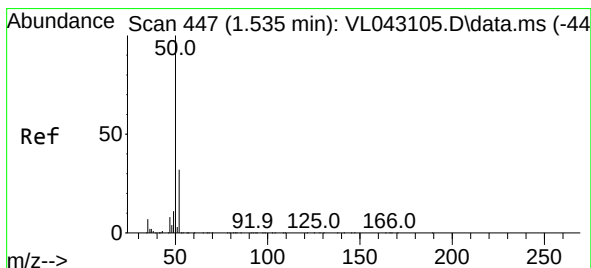
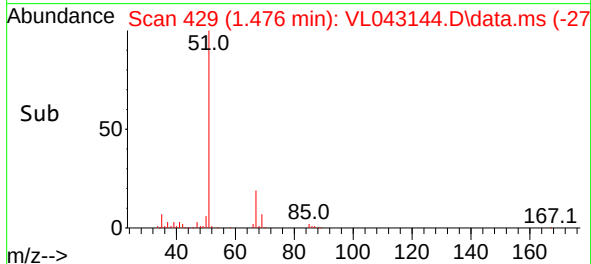
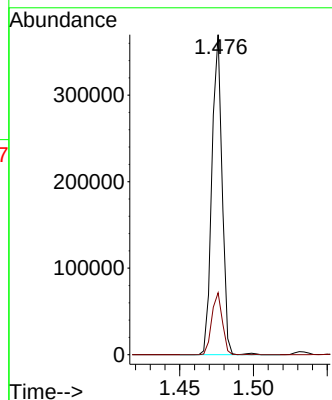
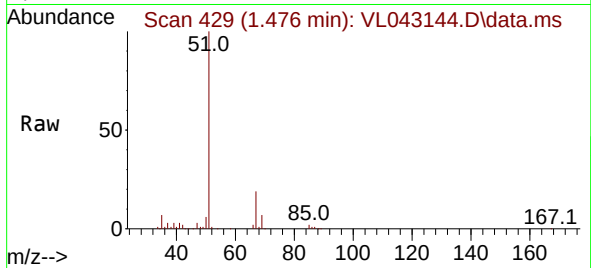




#3
Chlorodifluoromethane
Concen: 9.798 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

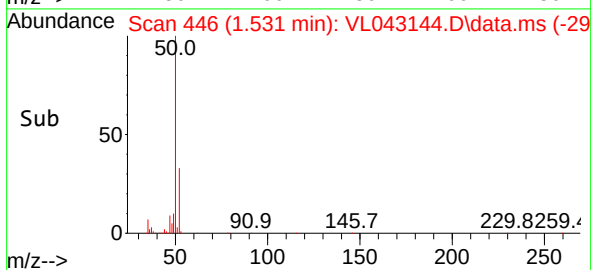
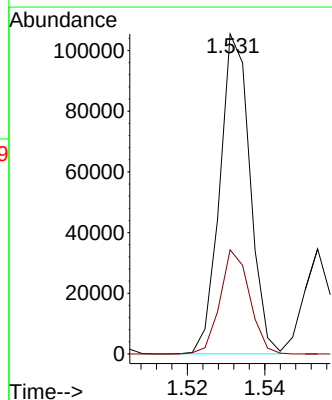
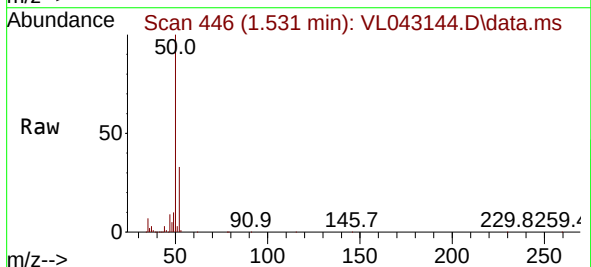
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

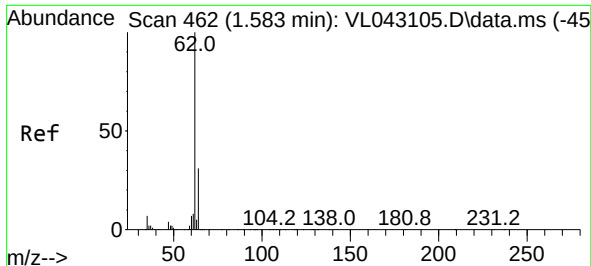
Tgt Ion: 51 Resp: 177115
Ion Ratio Lower Upper
51 100
67 20.1 15.1 22.7



#4
Chloromethane
Concen: 8.628 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.004 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion: 50 Resp: 57108
Ion Ratio Lower Upper
50 100
52 32.6 25.2 37.8

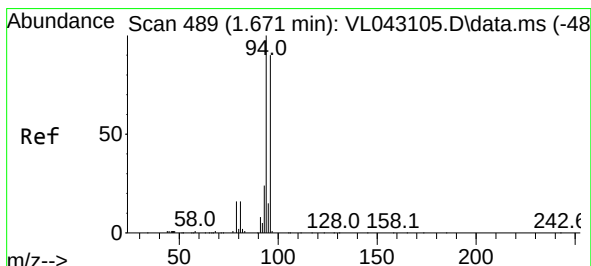
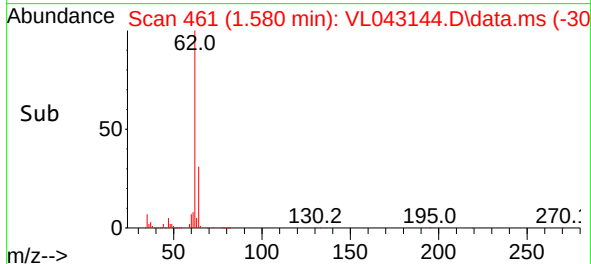
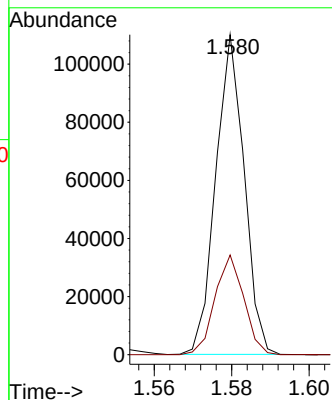
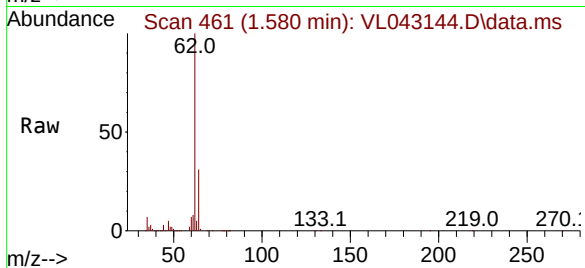




#5
 Vinyl Chloride
 Concen: 8.643 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.004 min
 Lab File: VL043144.D
 Acq: 04 Nov 2025 08:25

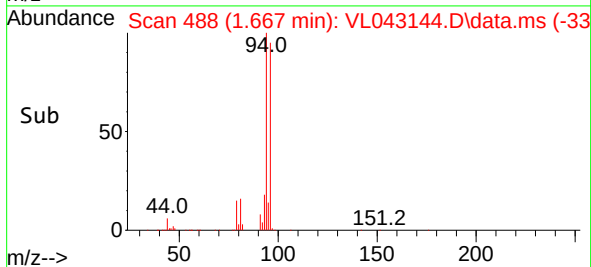
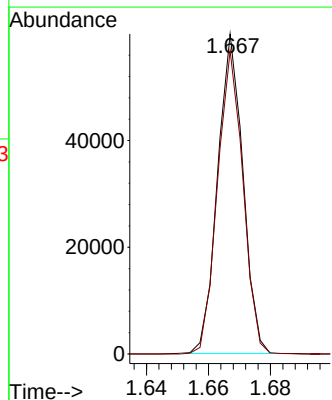
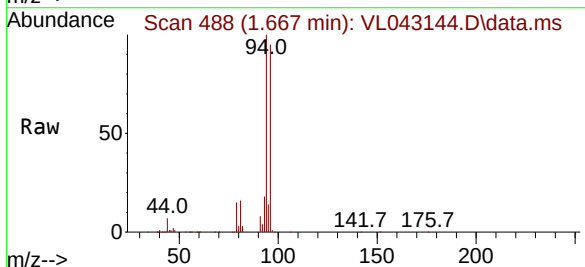
Instrument :
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 ClientSampleId :
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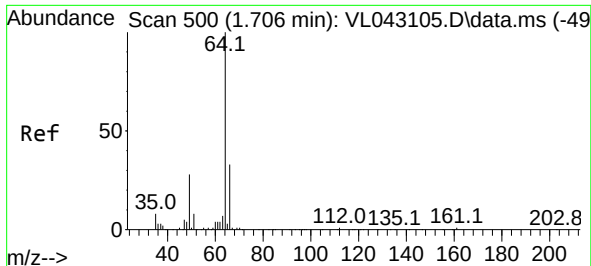
Tgt Ion: 62 Resp: 56113
 Ion Ratio Lower Upper
 62 100
 64 31.2 24.6 36.8



#6
 Bromomethane
 Concen: 9.523 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.004 min
 Lab File: VL043144.D
 Acq: 04 Nov 2025 08:25

Tgt Ion: 94 Resp: 33901
 Ion Ratio Lower Upper
 94 100
 96 95.0 72.2 108.4

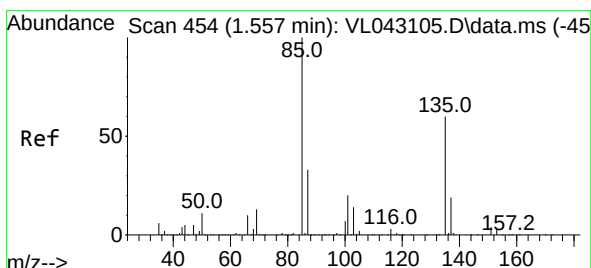
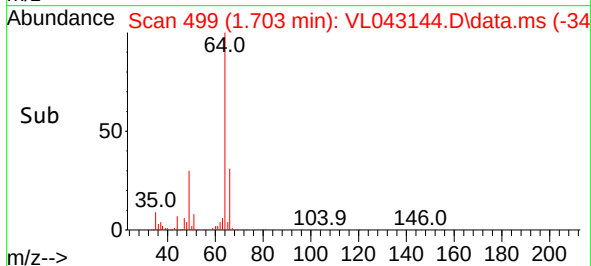
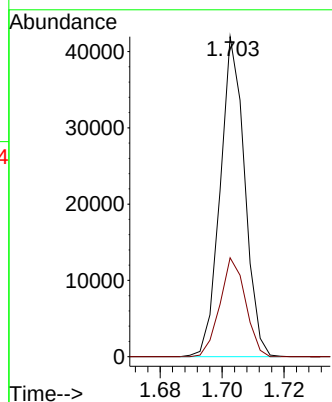
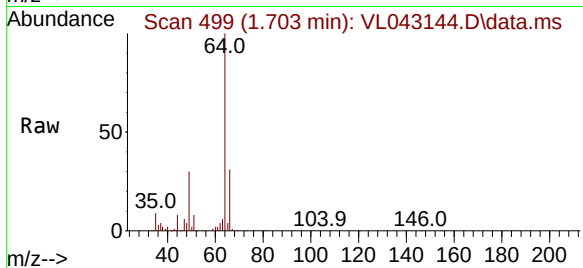




#7
Chloroethane
Concen: 8.677 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.004 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

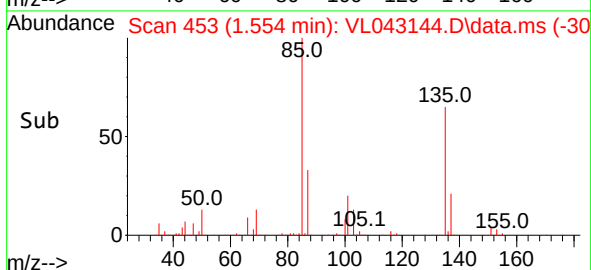
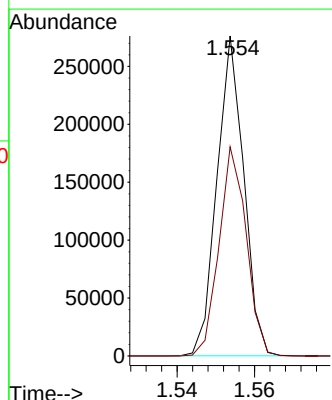
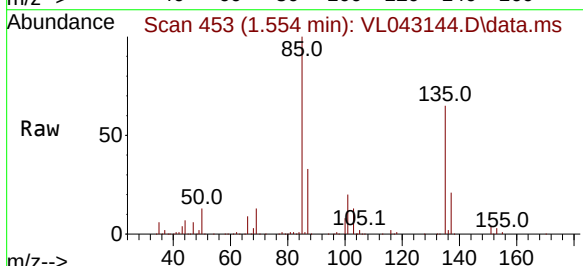
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

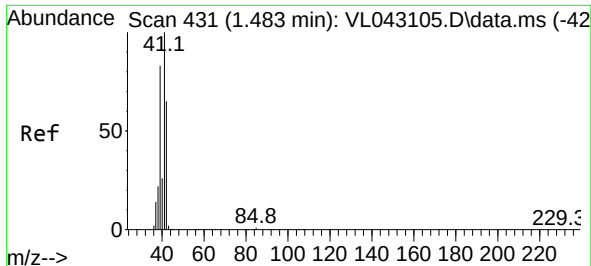
Tgt Ion: 64 Resp: 23032
Ion Ratio Lower Upper
64 100
66 30.9 26.0 39.0



#8
Dichlorotetrafluoroethane
Concen: 9.848 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.004 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion: 85 Resp: 132979
Ion Ratio Lower Upper
85 100
135 66.4 48.2 72.4





#9

Propene

Concen: 8.779 ppbv

RT: 1.482 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL043144.D

Acq: 04 Nov 2025 08:25

Instrument :

MSVOA_L

ClientSampleId :

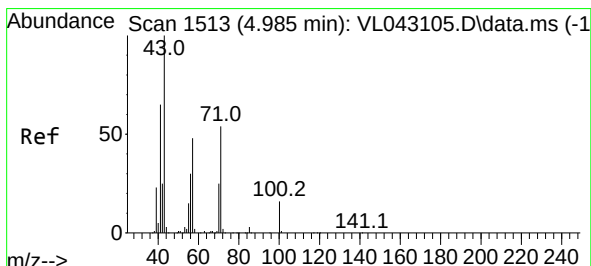
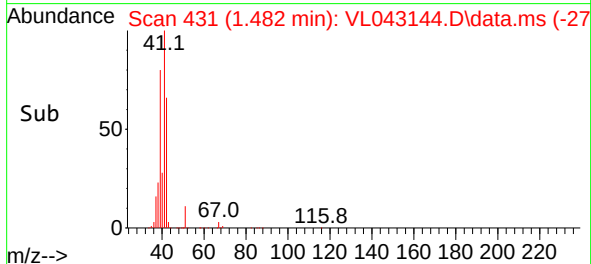
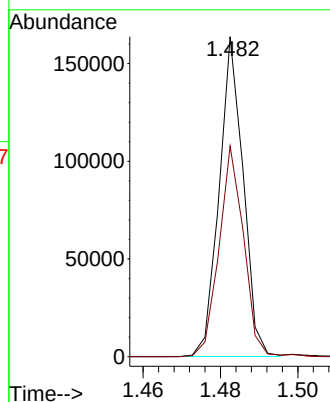
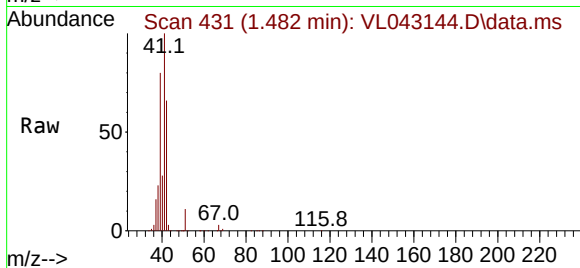
VSTDCCC010

Tgt Ion: 41 Resp: 70388

Ion Ratio Lower Upper

41 100

42 68.0 55.1 82.7



#10

Heptane

Concen: 8.712 ppbv

RT: 4.972 min Scan# 1509

Delta R.T. -0.013 min

Lab File: VL043144.D

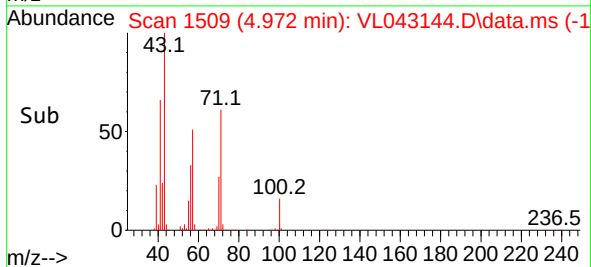
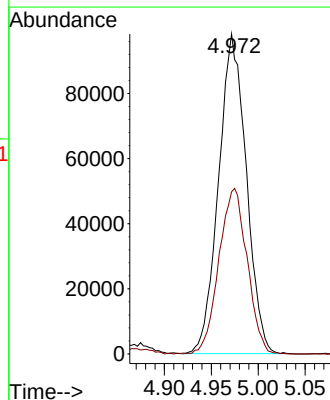
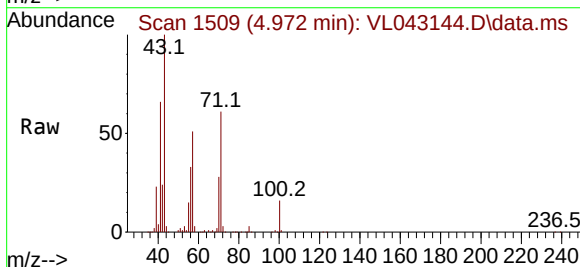
Acq: 04 Nov 2025 08:25

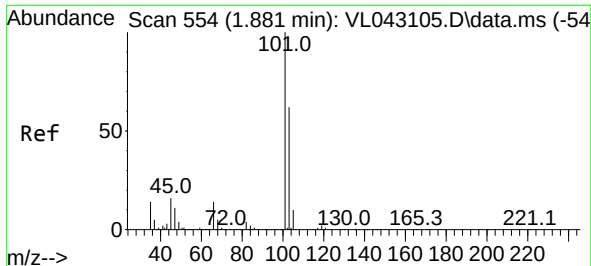
Tgt Ion: 43 Resp: 201076

Ion Ratio Lower Upper

43 100

57 52.9 40.8 61.2

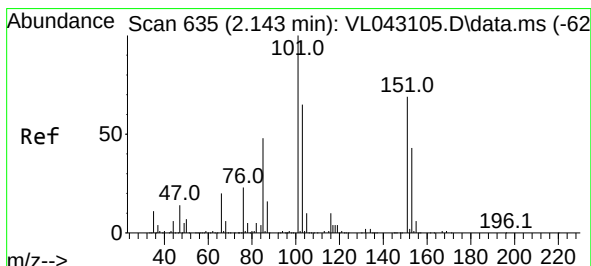
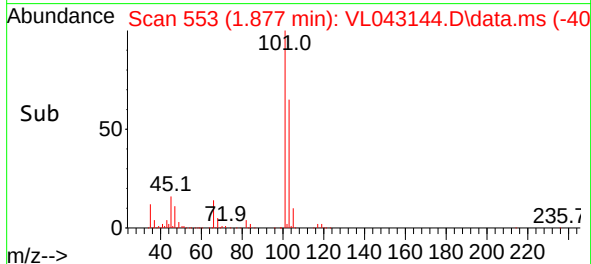
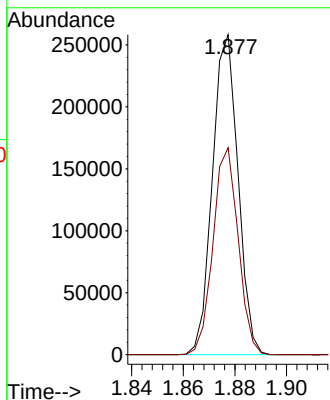
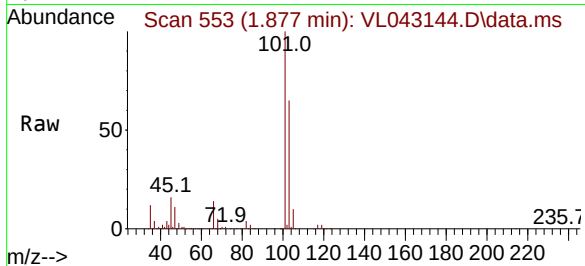




#11
Trichlorofluoromethane
Concen: 10.874 ppbv
RT: 1.877 min Scan# 51
Delta R.T. -0.004 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

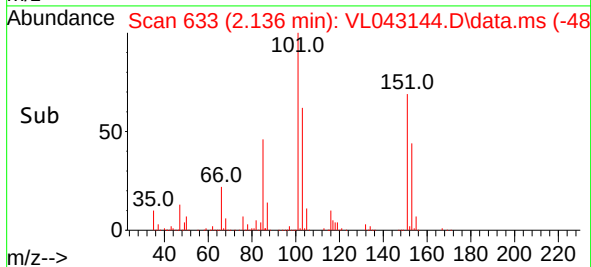
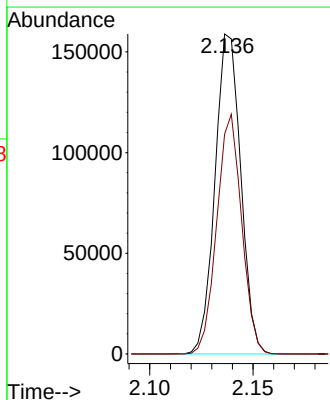
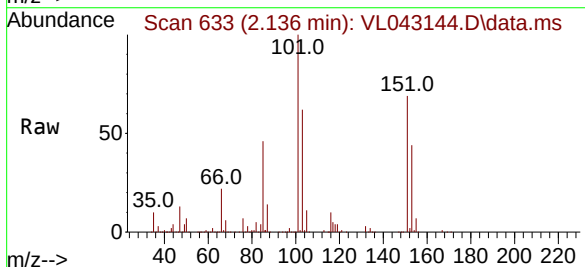
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

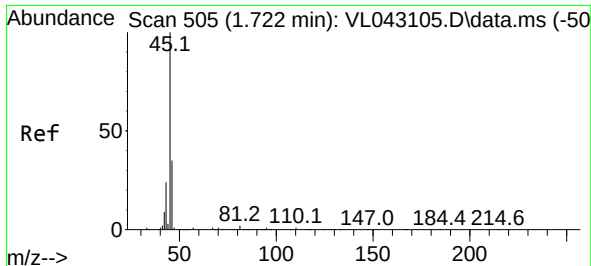
Tgt Ion:101 Resp: 177713
Ion Ratio Lower Upper
101 100
103 64.7 49.3 73.9



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.483 ppbv
RT: 2.136 min Scan# 633
Delta R.T. -0.007 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion:101 Resp: 137928
Ion Ratio Lower Upper
101 100
151 72.3 54.7 82.1

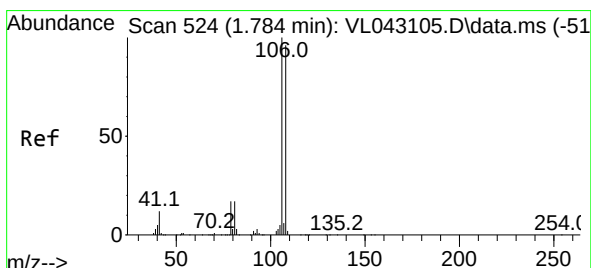
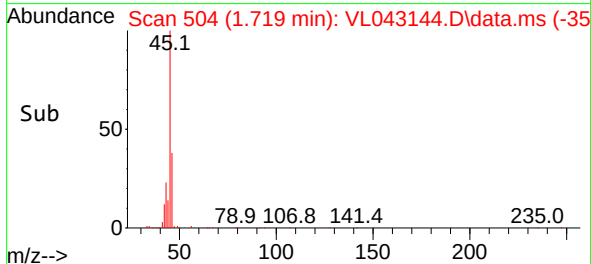
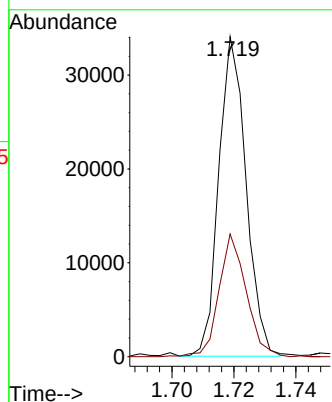
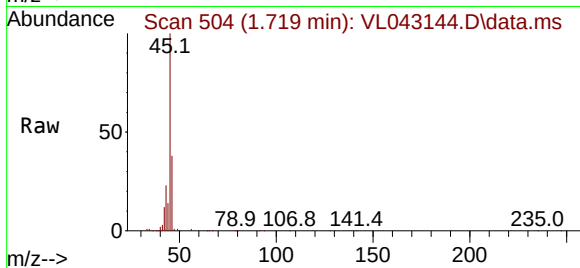




#13
Ethanol
Concen: 7.015 ppbv
RT: 1.719 min Scan# 505
Delta R.T. -0.004 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

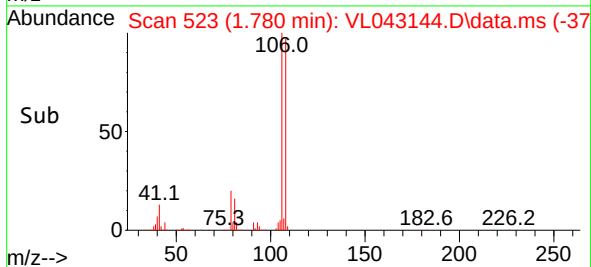
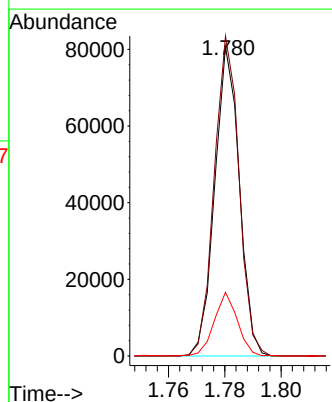
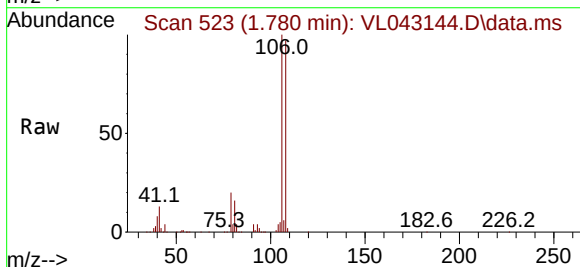
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

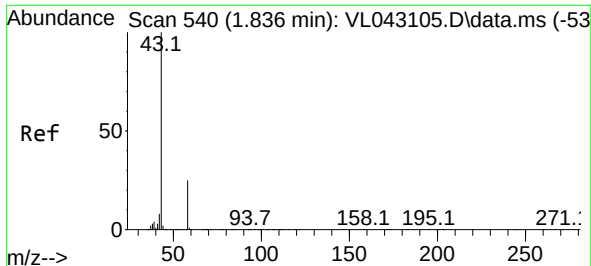
Tgt Ion: 45 Resp: 20803
Ion Ratio Lower Upper
45 100
46 38.4 14.7 58.9



#14
Bromoethene
Concen: 10.012 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.004 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion: 108 Resp: 48939
Ion Ratio Lower Upper
108 100
106 104.0 84.4 126.6
79 19.7 15.3 22.9

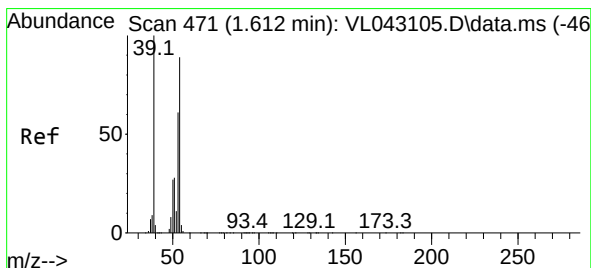
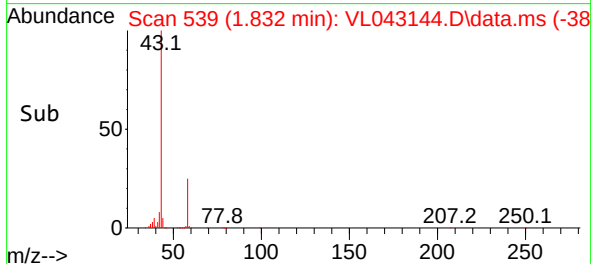
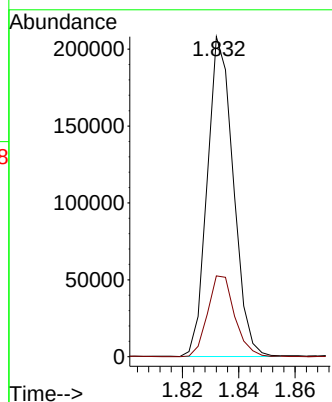
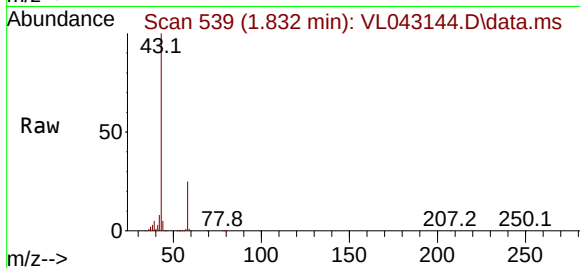




#15
Acetone
Concen: 8.432 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.004 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

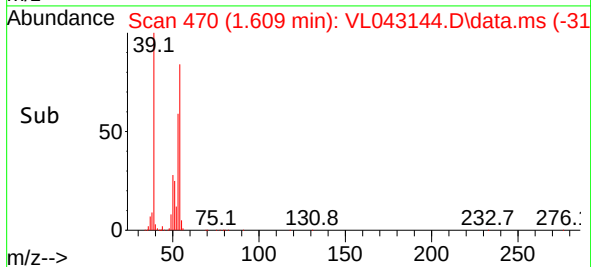
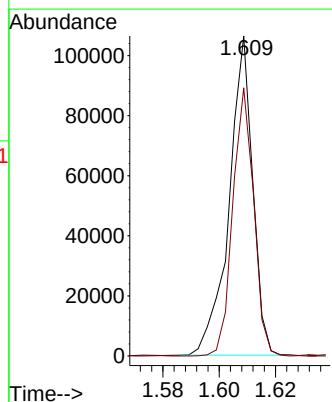
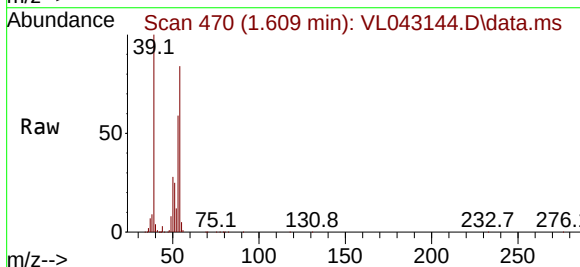
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

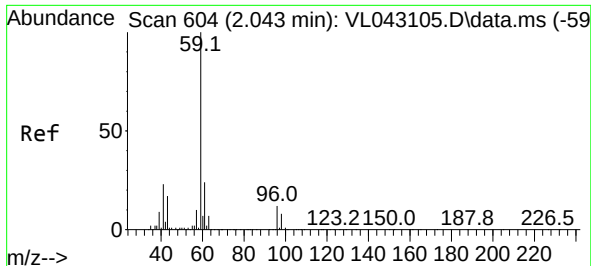
Tgt Ion: 43 Resp: 133568
Ion Ratio Lower Upper
43 100
58 26.5 20.8 31.2



#16
1,3-Butadiene
Concen: 8.194 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.004 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion: 39 Resp: 61858
Ion Ratio Lower Upper
39 100
54 74.4 59.0 88.4





#17

tert-Butyl alcohol

Concen: 9.479 ppbv

RT: 2.036 min Scan# 601

Delta R.T. -0.007 min

Lab File: VL043144.D

Acq: 04 Nov 2025 08:25

Instrument :

MSVOA_L

ClientSampleId :

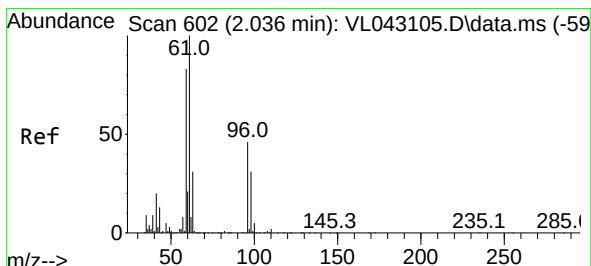
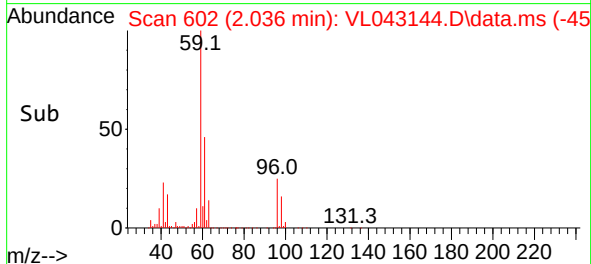
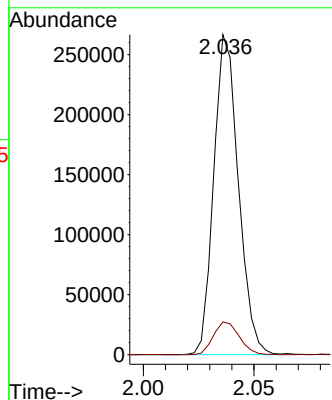
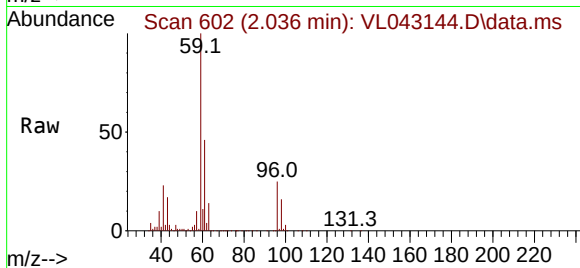
VSTDCCC010

Tgt Ion: 59 Resp: 206105

Ion Ratio Lower Upper

59 100

57 10.9 8.2 12.4



#18

1,1-Dichloroethene

Concen: 10.159 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.004 min

Lab File: VL043144.D

Acq: 04 Nov 2025 08:25

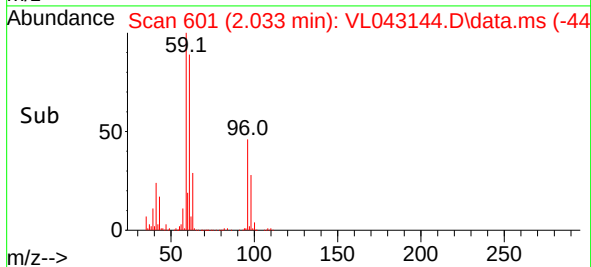
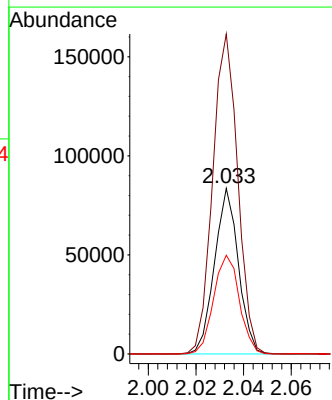
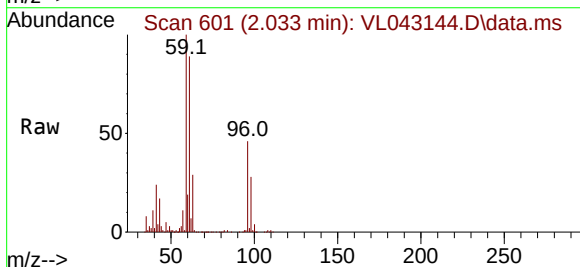
Tgt Ion: 96 Resp: 58272

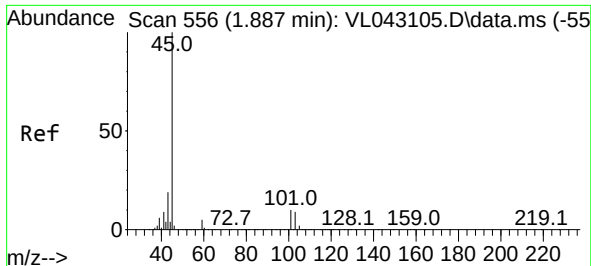
Ion Ratio Lower Upper

96 100

61 193.1 173.4 260.0

98 59.6 53.2 79.8

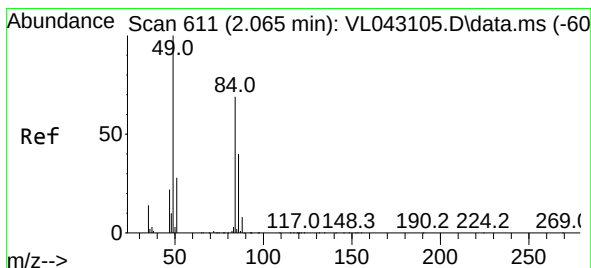
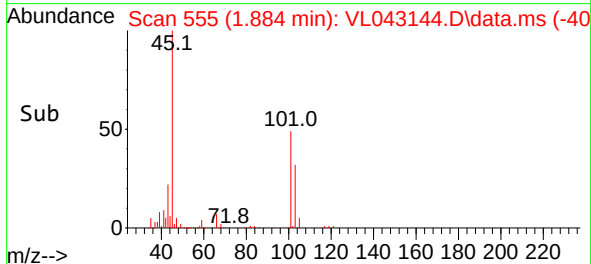
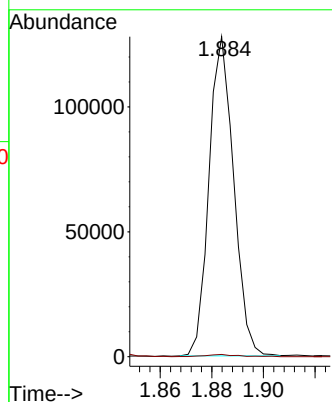
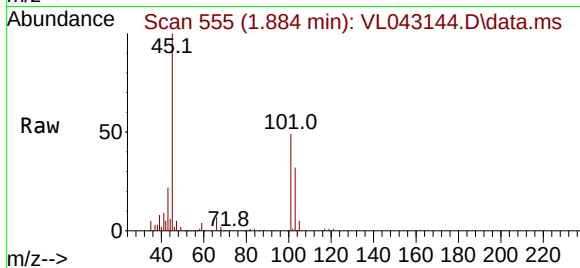




#19
Isopropyl Alcohol
Concen: 8.582 ppbv
RT: 1.884 min Scan# 51
Delta R.T. -0.004 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

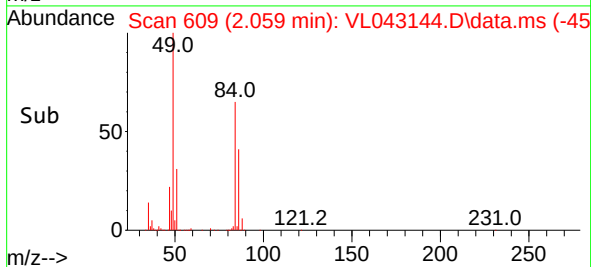
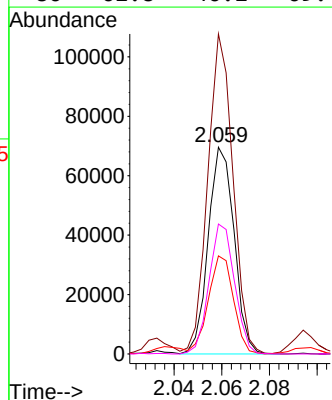
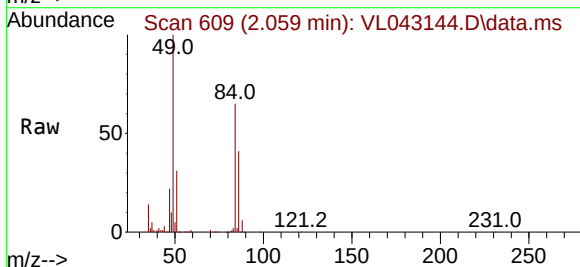
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

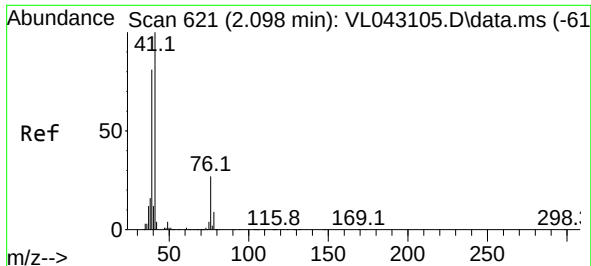
Tgt Ion: 45 Resp: 84669
Ion Ratio Lower Upper
45 100
58 41.7 31.3 46.9



#20
Methylene Chloride
Concen: 8.398 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.007 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion: 84 Resp: 52584
Ion Ratio Lower Upper
84 100
49 153.9 116.6 175.0
51 46.9 34.8 52.2
86 62.8 46.2 69.4

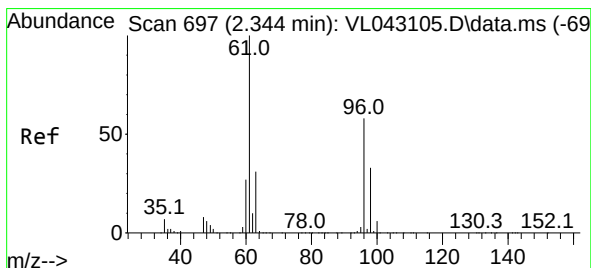
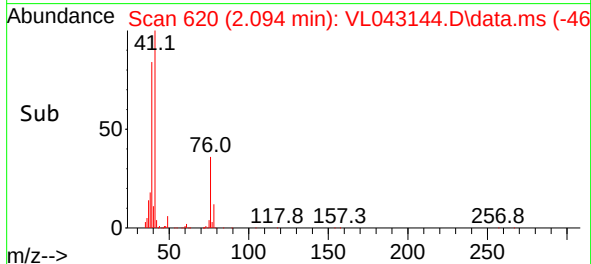
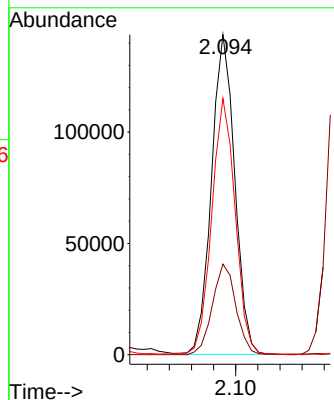
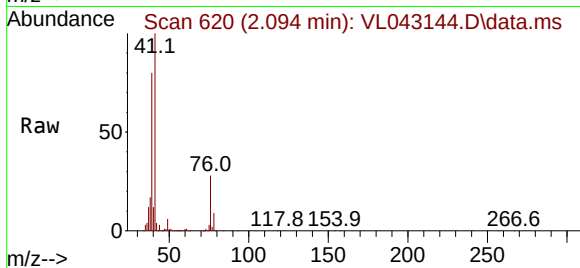




#21
 Allyl Chloride
 Concen: 8.988 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: VL043144.D
 Acq: 04 Nov 2025 08:25

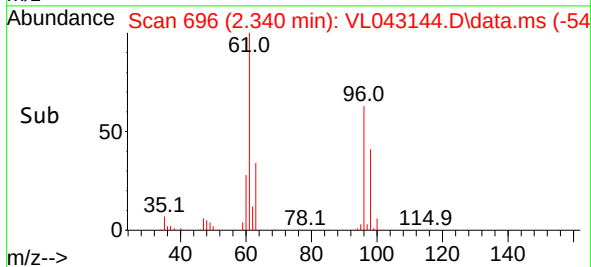
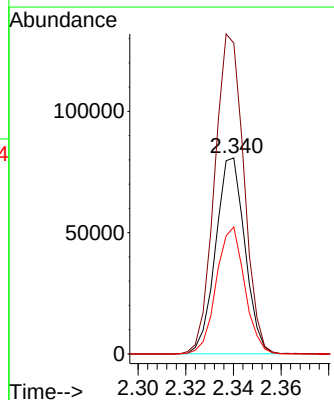
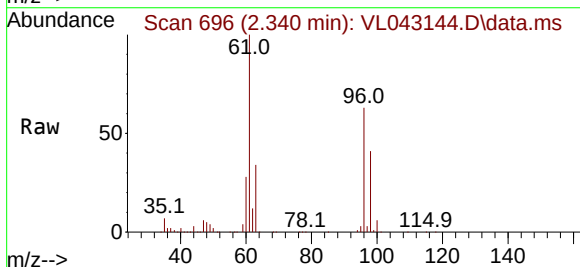
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

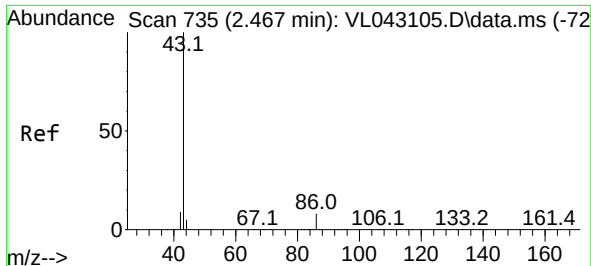
Tgt Ion: 41 Resp: 104908
 Ion Ratio Lower Upper
 41 100
 76 28.6 21.5 32.3
 39 80.1 60.8 91.2



#22
 trans-1,2-Dichloroethene
 Concen: 10.033 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.004 min
 Lab File: VL043144.D
 Acq: 04 Nov 2025 08:25

Tgt Ion: 96 Resp: 68793
 Ion Ratio Lower Upper
 96 100
 61 158.7 137.0 205.6
 98 64.8 45.5 68.3

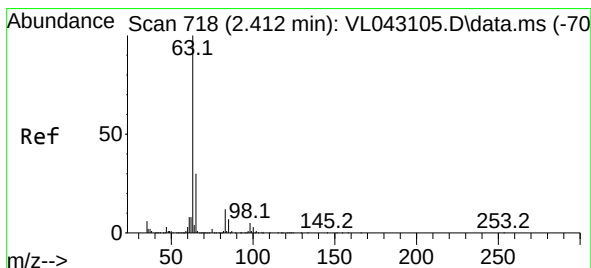
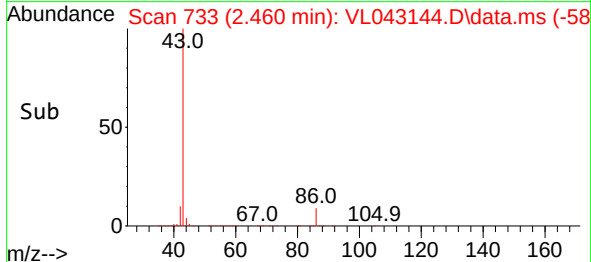
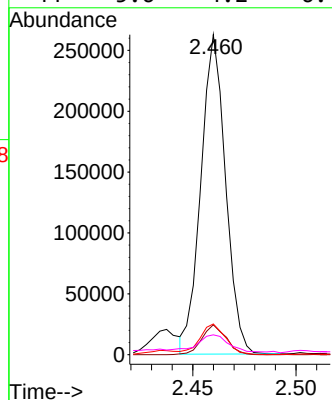
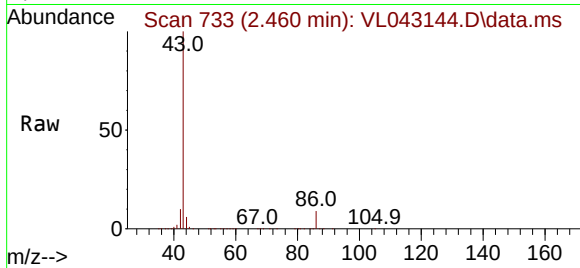




#23
 Vinyl Acetate
 Concen: 9.409 ppbv
 RT: 2.460 min Scan# 716
 Delta R.T. -0.007 min
 Lab File: VL043144.D
 Acq: 04 Nov 2025 08:25

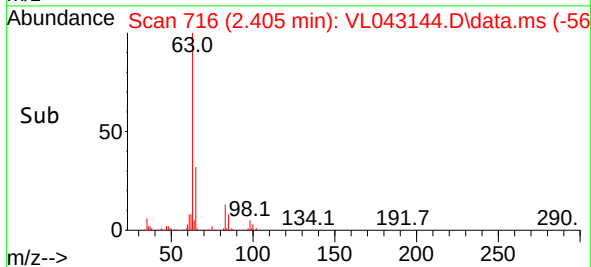
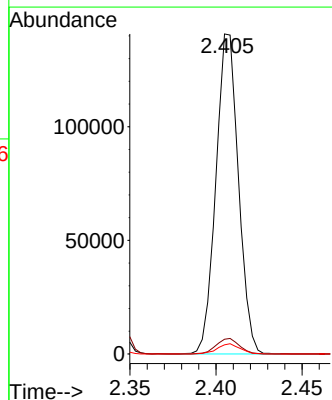
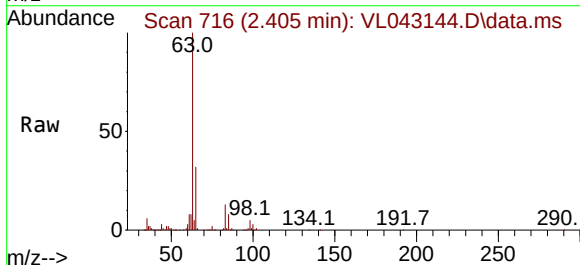
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

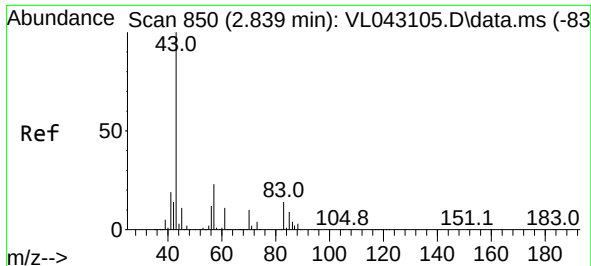
Tgt Ion:	43	Resp:	218328
Ion	Ratio	Lower	Upper
43	100		
86	9.4	6.2	9.2#
42	9.3	7.6	11.4
44	5.6	4.2	6.4



#24
 1,1-Dichloroethane
 Concen: 9.711 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.007 min
 Lab File: VL043144.D
 Acq: 04 Nov 2025 08:25

Tgt Ion:	63	Resp:	128643
Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.6	7.8
100	2.9	1.5	4.4

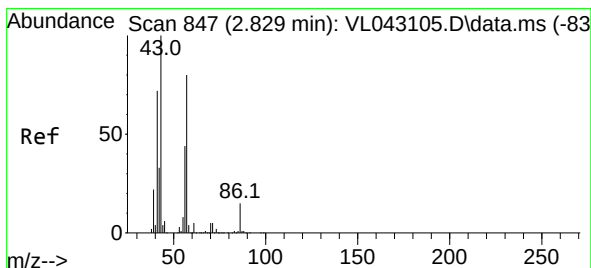
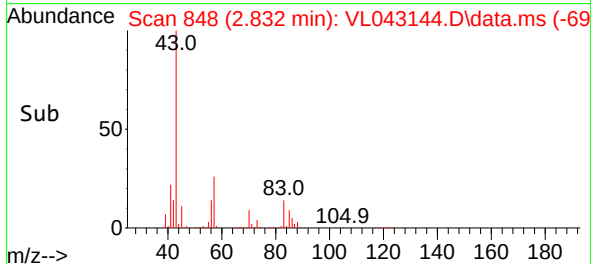
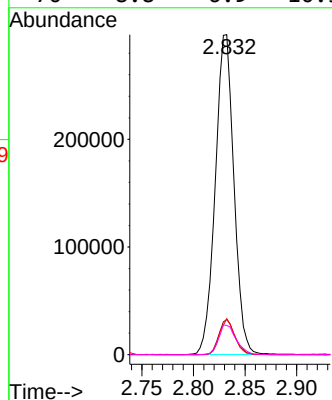
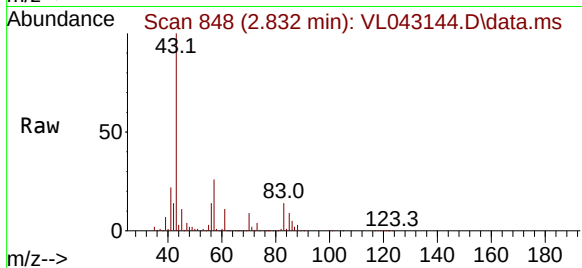




#25
Ethyl Acetate
Concen: 9.511 ppbv
RT: 2.832 min Scan# 848
Delta R.T. -0.007 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

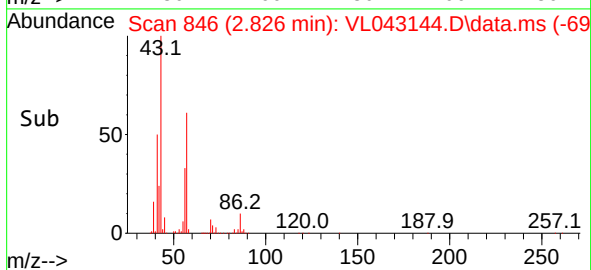
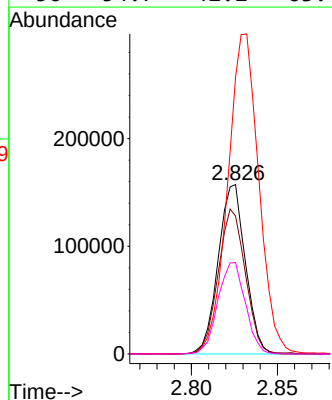
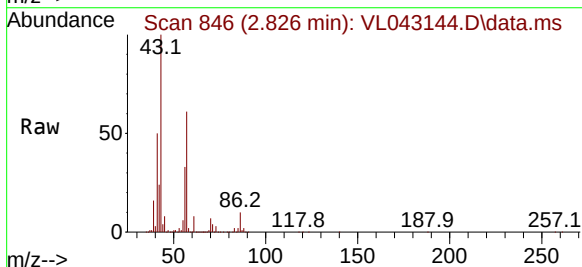
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

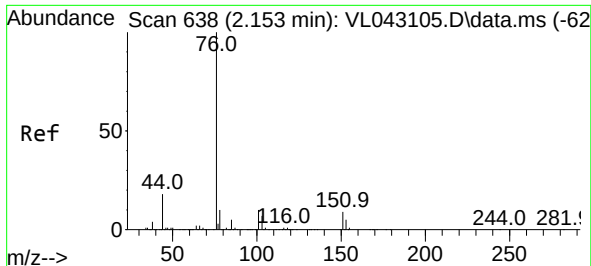
Tgt Ion:	43	Resp:	373628
Ion	Ratio	Lower	Upper
43	100		
45	9.5	7.8	11.8
61	9.1	7.0	10.6
70	8.8	6.9	10.3



#26
Hexane
Concen: 9.535 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.004 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion:	57	Resp:	172594
Ion	Ratio	Lower	Upper
57	100		
41	86.6	71.4	107.0
43	216.5	178.5	267.7
56	54.7	42.2	63.4

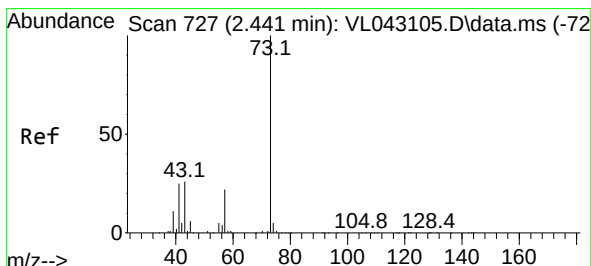
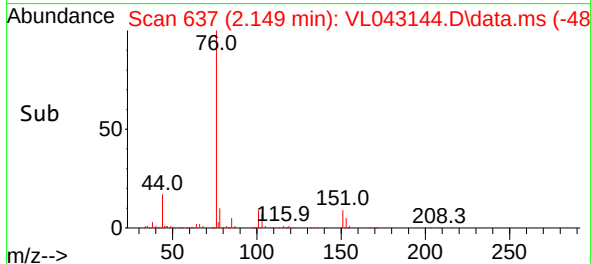
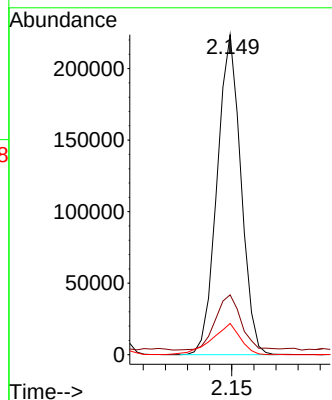
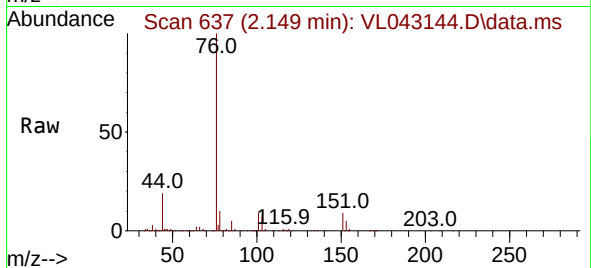




#27
Carbon Disulfide
Concen: 10.088 ppbv
RT: 2.149 min Scan# 61
Delta R.T. -0.004 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

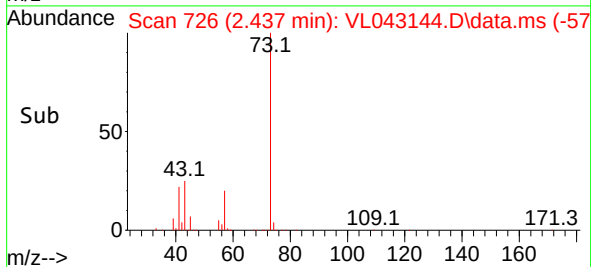
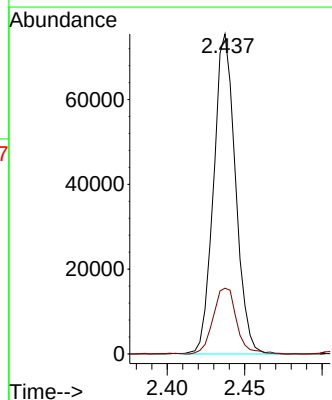
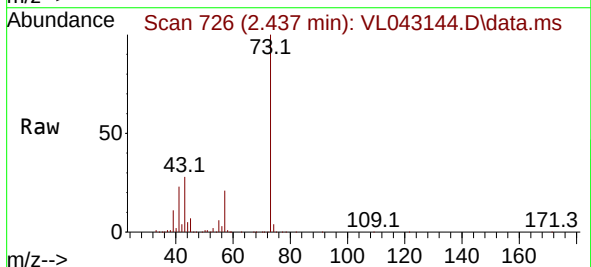
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

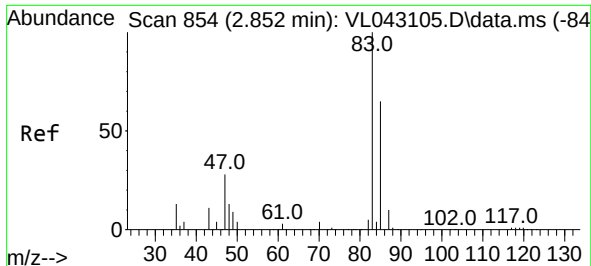
Tgt Ion: 76 Resp: 167299
Ion Ratio Lower Upper
76 100
44 18.9 16.7 25.1
78 11.6 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 8.971 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.004 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion: 73 Resp: 73873
Ion Ratio Lower Upper
73 100
57 22.4 20.5 30.7





#29

Chloroform

Concen: 10.597 ppbv

RT: 2.845 min Scan# 81

Delta R.T. -0.007 min

Lab File: VL043144.D

Acq: 04 Nov 2025 08:25

Instrument :

MSVOA_L

ClientSampleId :

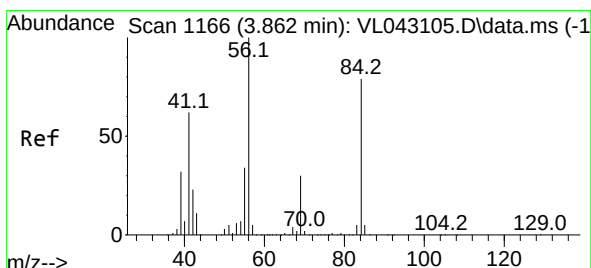
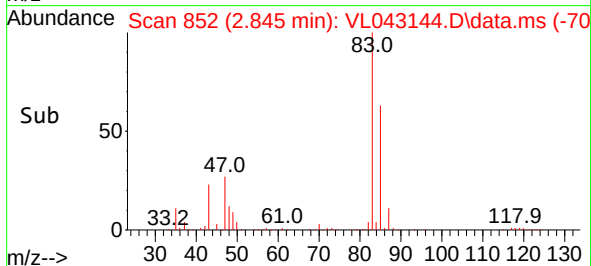
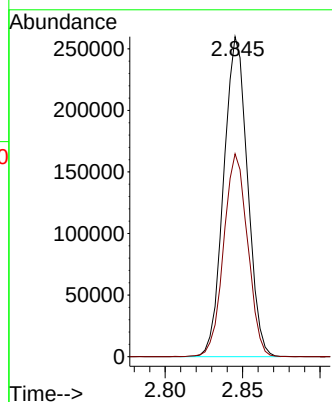
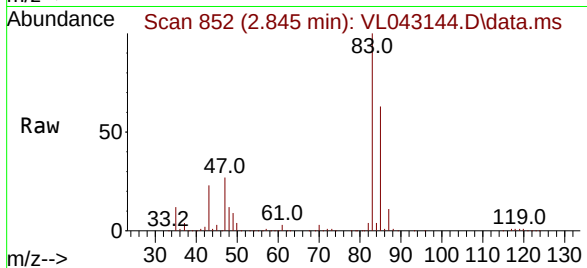
VSTDCCC010

Tgt Ion: 83 Resp: 277911

Ion Ratio Lower Upper

83 100

85 63.4 51.8 77.6



#30

Cyclohexane

Concen: 9.424 ppbv

RT: 3.852 min Scan# 1163

Delta R.T. -0.010 min

Lab File: VL043144.D

Acq: 04 Nov 2025 08:25

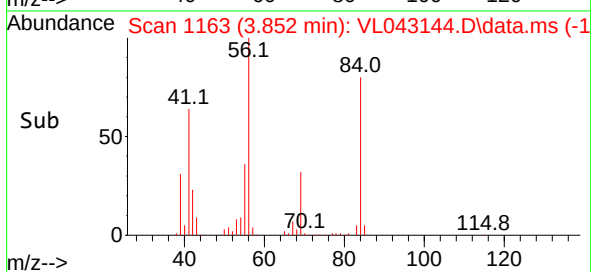
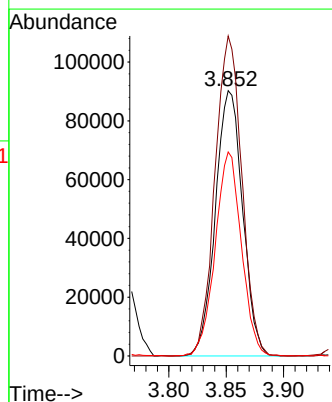
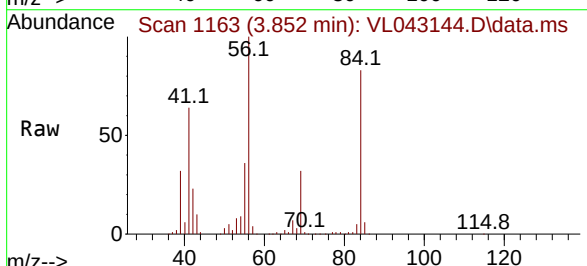
Tgt Ion: 84 Resp: 148884

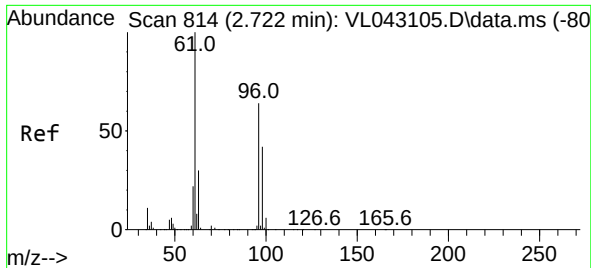
Ion Ratio Lower Upper

84 100

56 119.0 100.9 151.3

41 74.2 63.8 95.6

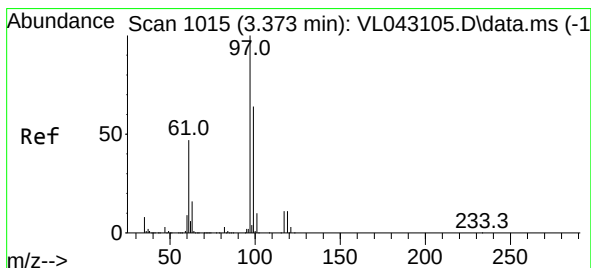
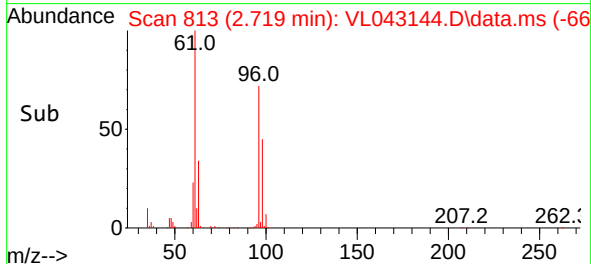
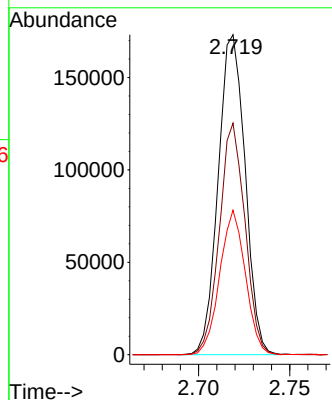
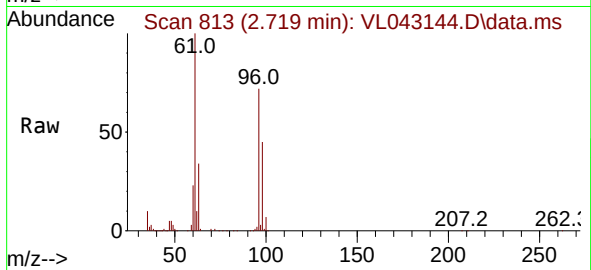




#31
 cis-1,2-Dichloroethene
 Concen: 10.308 ppbv
 RT: 2.719 min Scan# 814
 Delta R.T. -0.004 min
 Lab File: VL043144.D
 Acq: 04 Nov 2025 08:25

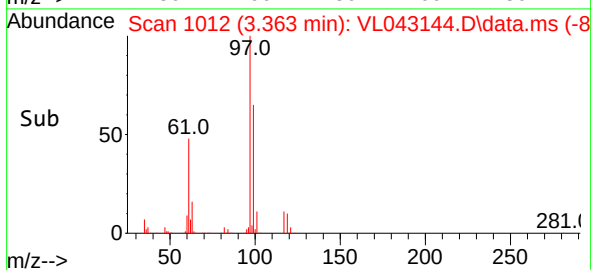
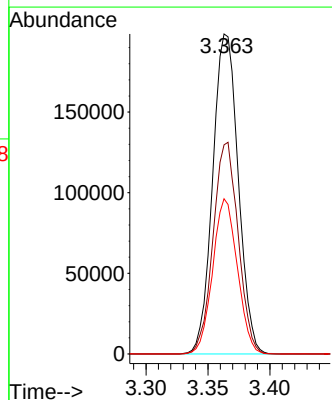
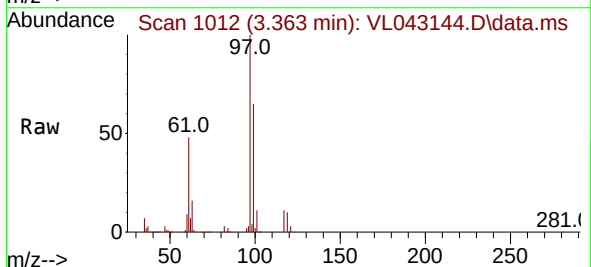
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

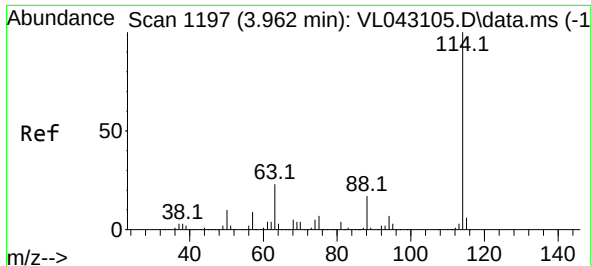
Tgt Ion: 61 Resp: 178157
 Ion Ratio Lower Upper
 61 100
 96 72.4 51.0 76.6
 98 45.2 33.5 50.3



#32
 1,1,1-Trichloroethane
 Concen: 10.441 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. -0.010 min
 Lab File: VL043144.D
 Acq: 04 Nov 2025 08:25

Tgt Ion: 97 Resp: 285148
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.3 76.9
 61 46.9 38.4 57.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.007 min

Lab File: VL043144.D

Acq: 04 Nov 2025 08:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

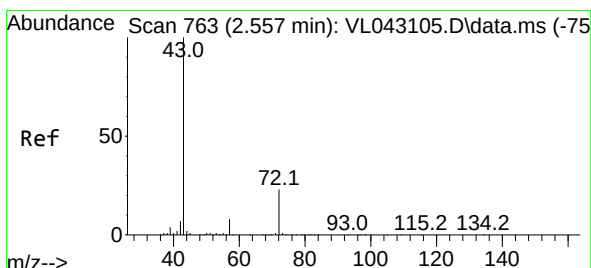
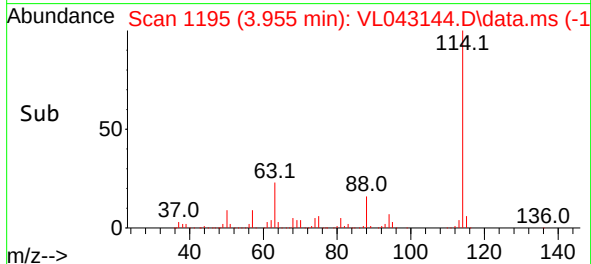
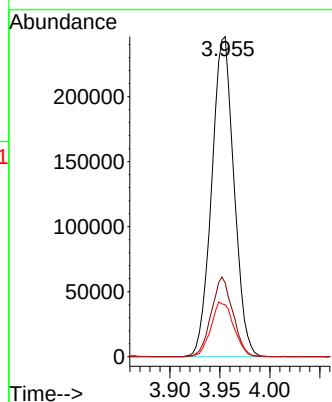
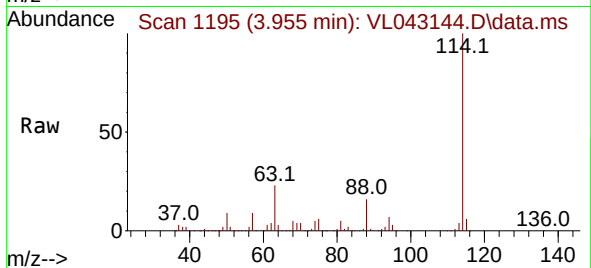
Tgt Ion:114 Resp: 381432

Ion Ratio Lower Upper

114 100

63 24.1 19.3 28.9

88 17.5 13.9 20.9



#34

2-Butanone

Concen: 9.517 ppbv

RT: 2.554 min Scan# 762

Delta R.T. -0.004 min

Lab File: VL043144.D

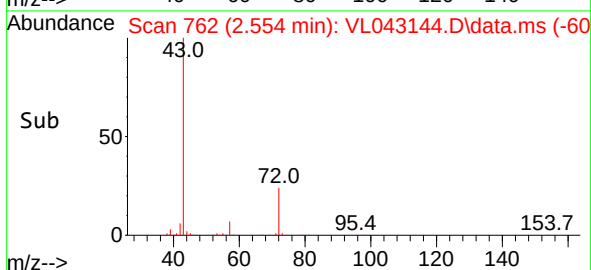
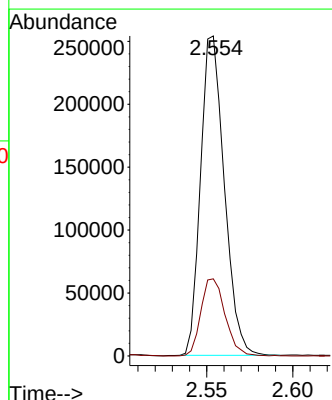
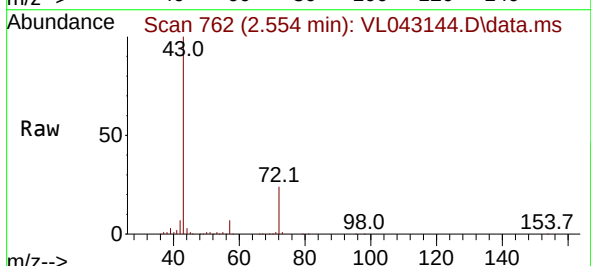
Acq: 04 Nov 2025 08:25

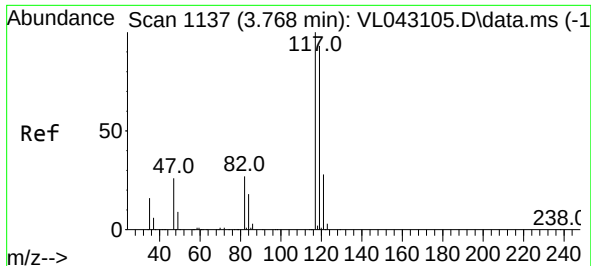
Tgt Ion: 43 Resp: 244004

Ion Ratio Lower Upper

43 100

72 24.7 18.4 27.6

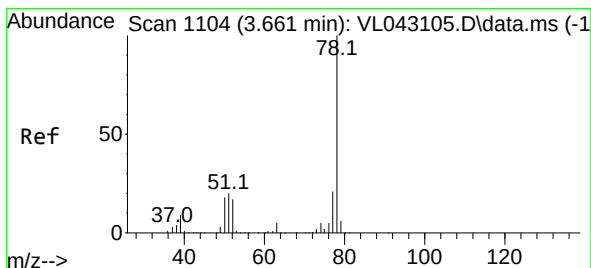
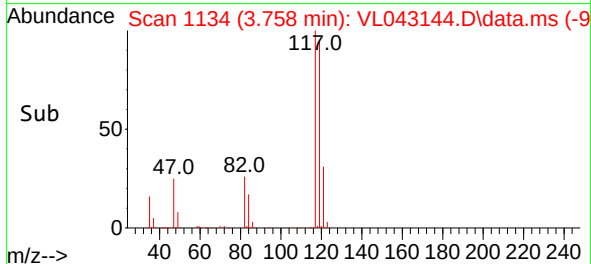
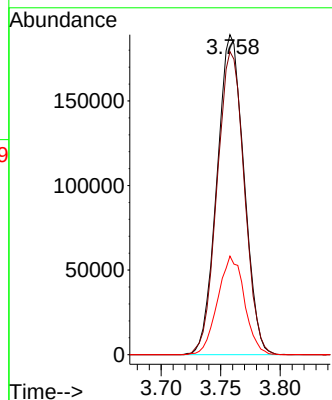
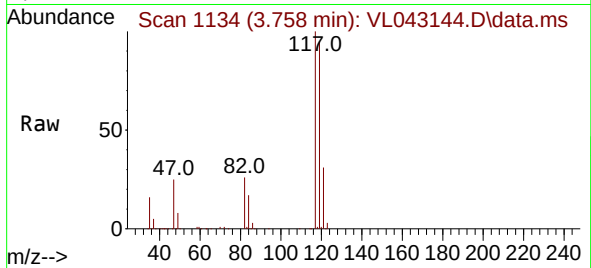




#35
Carbon Tetrachloride
Concen: 10.870 ppbv
RT: 3.758 min Scan# 1137
Delta R.T. -0.010 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

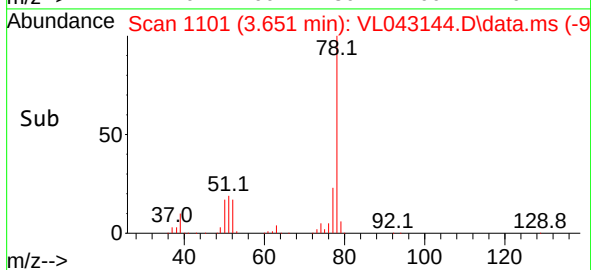
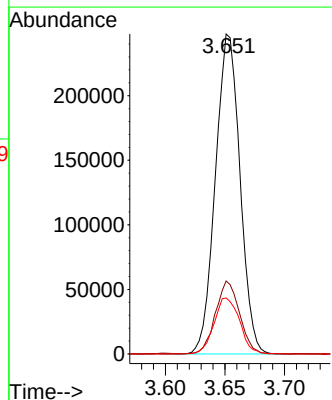
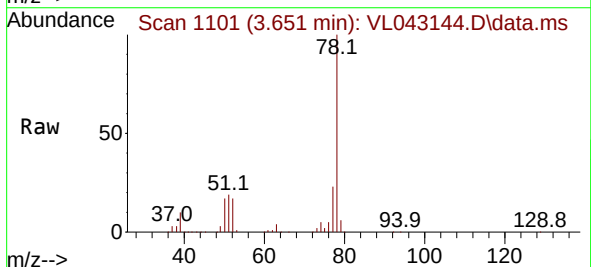
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

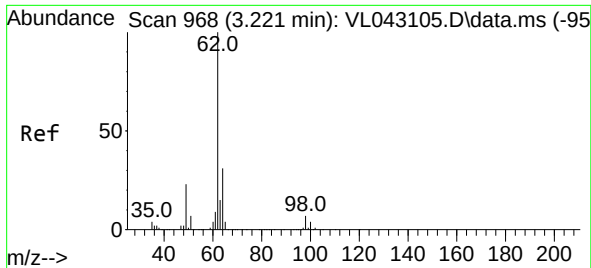
Tgt Ion:117 Resp: 298090
Ion Ratio Lower Upper
117 100
119 94.7 74.1 111.1
121 30.8 22.2 33.2



#36
Benzene
Concen: 9.889 ppbv
RT: 3.651 min Scan# 1101
Delta R.T. -0.010 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion: 78 Resp: 355254
Ion Ratio Lower Upper
78 100
77 22.7 17.0 25.6
50 17.5 14.6 22.0

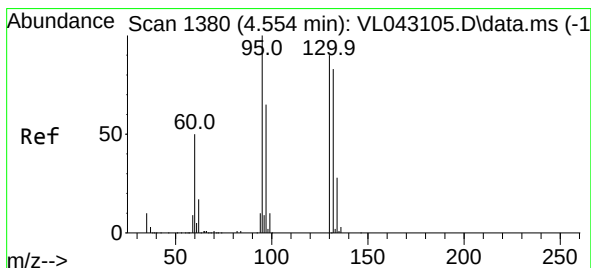
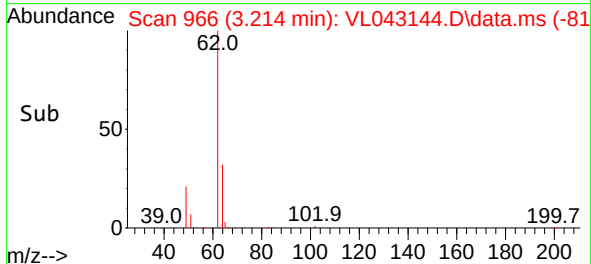
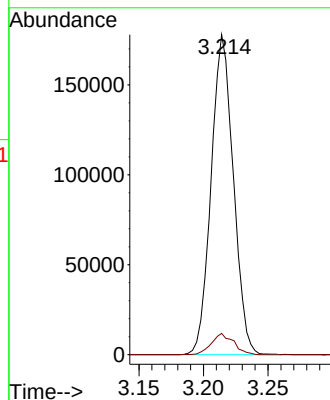
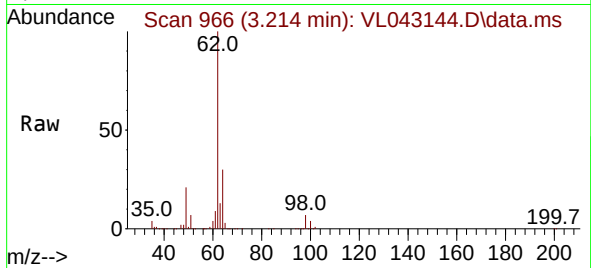




#37
1,2-Dichloroethane
Concen: 10.295 ppbv
RT: 3.214 min Scan# 91
Delta R.T. -0.007 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

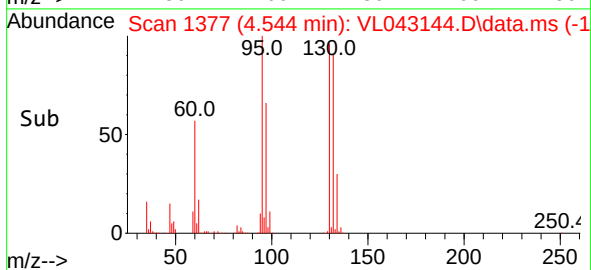
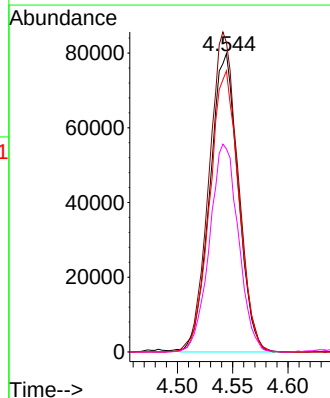
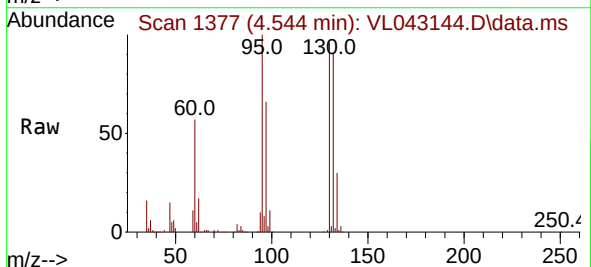
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

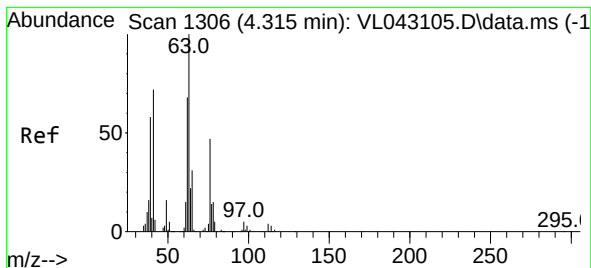
Tgt Ion: 62 Resp: 213056
Ion Ratio Lower Upper
62 100
98 6.7 5.8 8.6



#38
Trichloroethene
Concen: 9.495 ppbv
RT: 4.544 min Scan# 1377
Delta R.T. -0.010 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion:130 Resp: 142465
Ion Ratio Lower Upper
130 100
95 103.6 88.6 133.0
132 94.1 73.4 110.0
97 68.1 57.8 86.6





#39

1,2-Dichloropropane

Concen: 9.569 ppbv

RT: 4.308 min Scan# 1

Delta R.T. -0.007 min

Lab File: VL043144.D

Acq: 04 Nov 2025 08:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

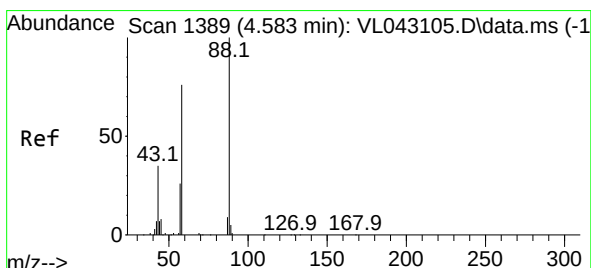
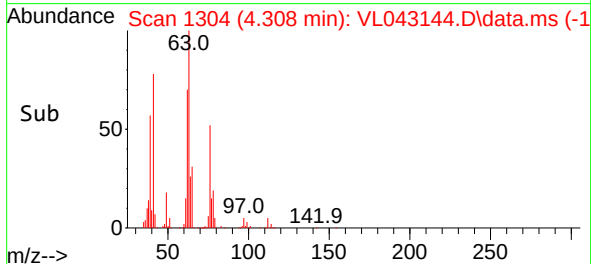
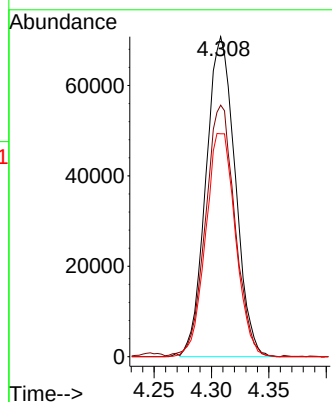
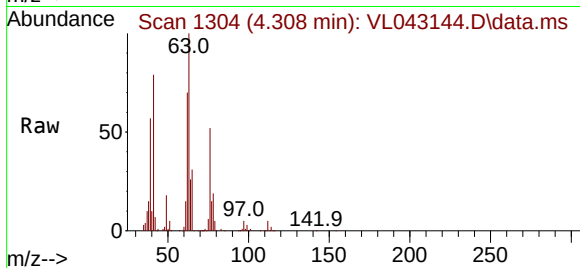
Tgt Ion: 63 Resp: 125672

Ion Ratio Lower Upper

63 100

41 78.6 58.0 87.0

62 69.7 54.7 82.1



#40

1,4-Dioxane

Concen: 9.550 ppbv

RT: 4.567 min Scan# 1384

Delta R.T. -0.017 min

Lab File: VL043144.D

Acq: 04 Nov 2025 08:25

Tgt Ion: 88 Resp: 56126

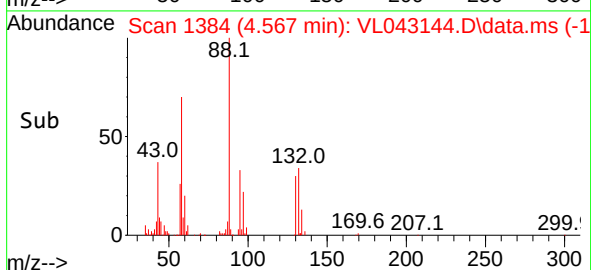
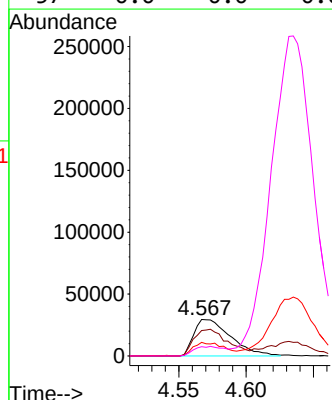
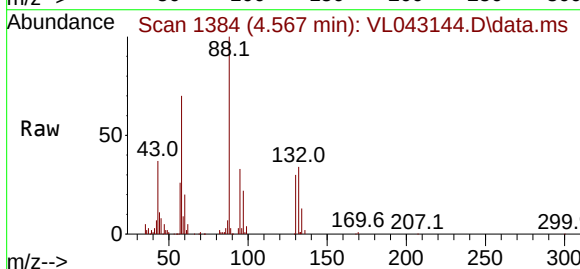
Ion Ratio Lower Upper

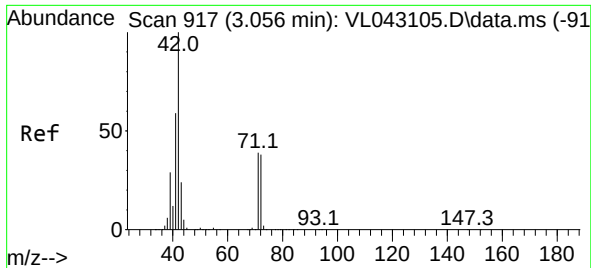
88 100

58 66.3 61.1 91.7

43 30.7 24.0 36.0

57 0.0 0.0 0.0

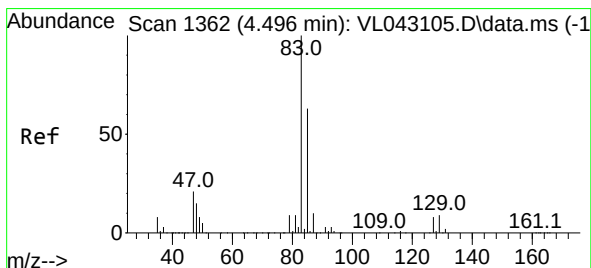
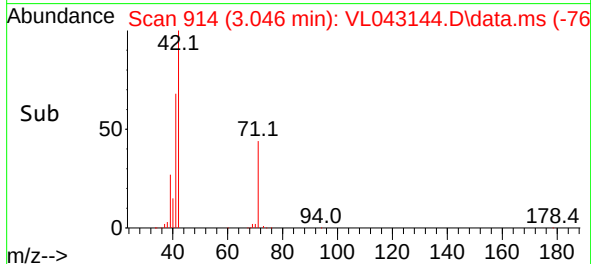
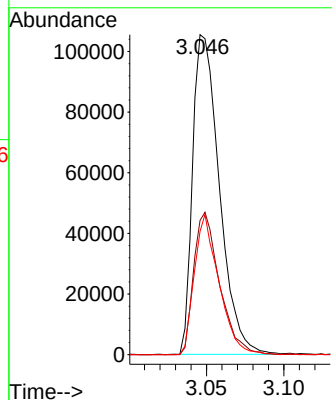
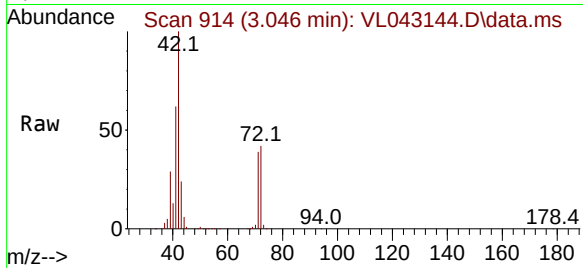




#41
Tetrahydrofuran
Concen: 8.843 ppbv
RT: 3.046 min Scan# 917
Delta R.T. -0.010 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

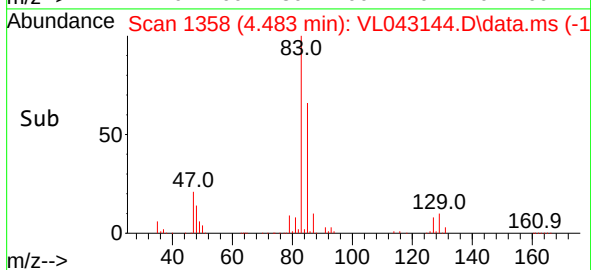
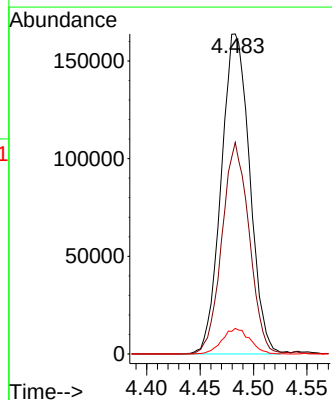
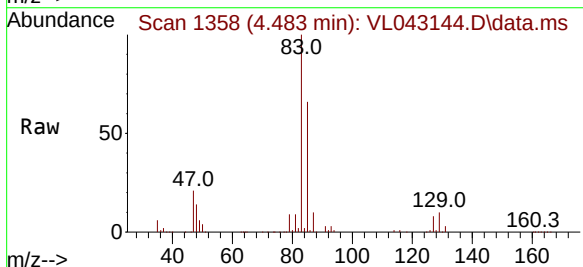
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

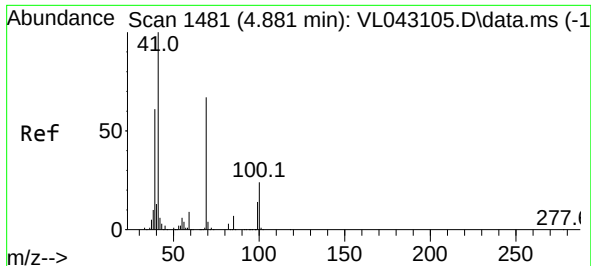
Tgt Ion: 42 Resp: 126807
Ion Ratio Lower Upper
42 100
72 43.1 31.3 46.9
71 40.3 30.4 45.6



#42
Bromodichloromethane
Concen: 10.612 ppbv
RT: 4.483 min Scan# 1358
Delta R.T. -0.013 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion: 83 Resp: 303962
Ion Ratio Lower Upper
83 100
85 66.1 50.6 75.8
127 8.0 6.3 9.5

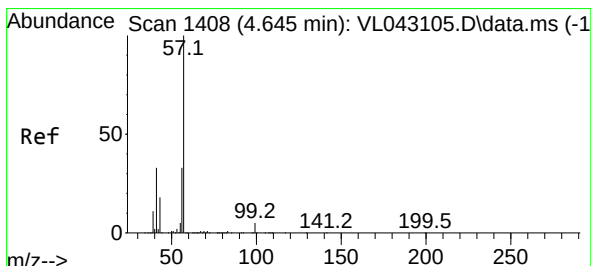
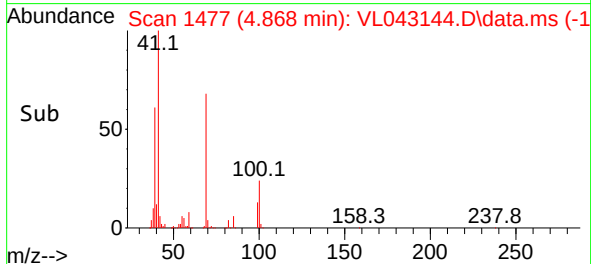
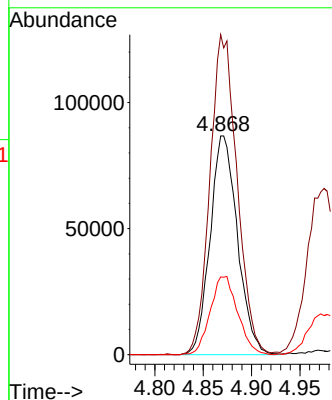
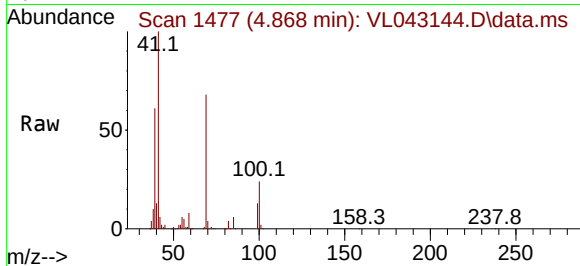




#43
Methyl Methacrylate
Concen: 9.348 ppbv
RT: 4.868 min Scan# 1477
Delta R.T. -0.013 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

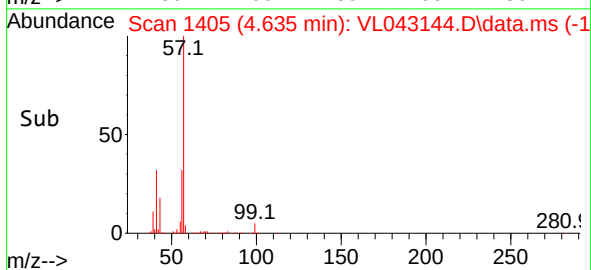
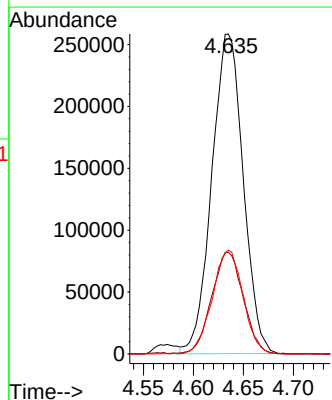
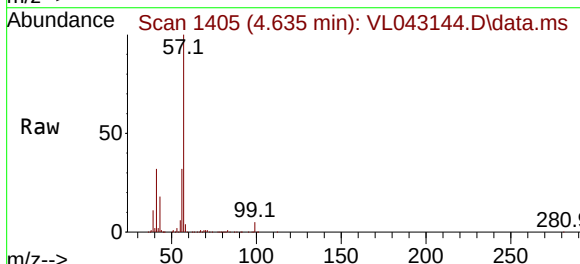
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

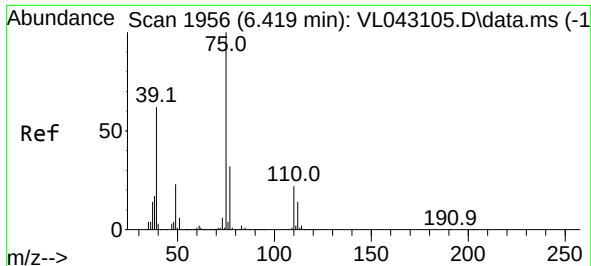
Tgt Ion: 69 Resp: 170573
Ion Ratio Lower Upper
69 100
41 145.4 120.5 180.7
100 36.0 29.0 43.4



#44
2,2,4-Trimethylpentane
Concen: 9.309 ppbv
RT: 4.635 min Scan# 1405
Delta R.T. -0.010 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion: 57 Resp: 564212
Ion Ratio Lower Upper
57 100
41 32.3 26.3 39.5
56 32.0 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 9.745 ppbv

RT: 6.409 min Scan# 1956

Delta R.T. -0.010 min

Lab File: VL043144.D

Acq: 04 Nov 2025 08:25

Instrument :

MSVOA_L

ClientSampleId :

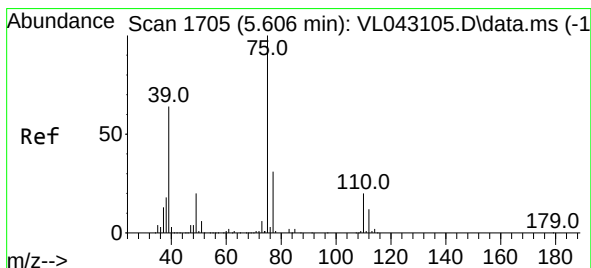
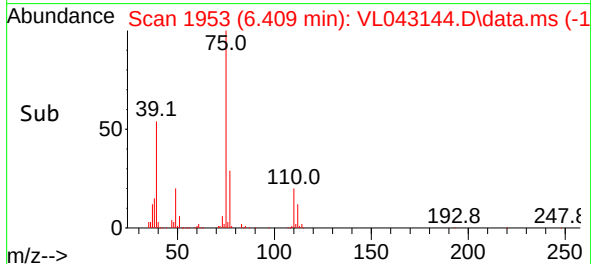
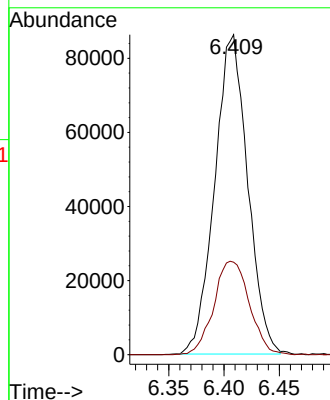
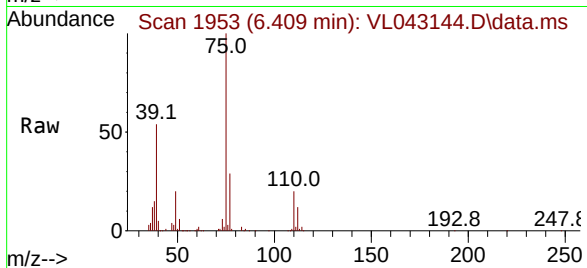
VSTDCCC010

Tgt Ion: 75 Resp: 178441

Ion Ratio Lower Upper

75 100

77 28.9 25.4 38.2



#46

cis-1,3-Dichloropropene

Concen: 9.812 ppbv

RT: 5.593 min Scan# 1701

Delta R.T. -0.013 min

Lab File: VL043144.D

Acq: 04 Nov 2025 08:25

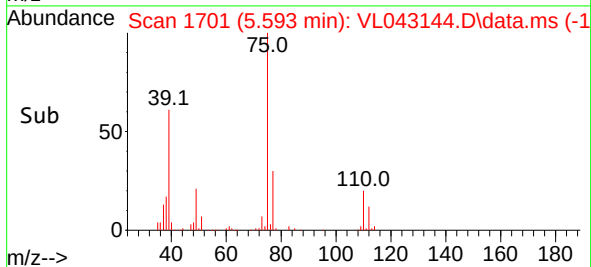
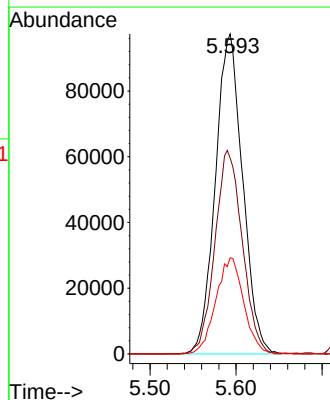
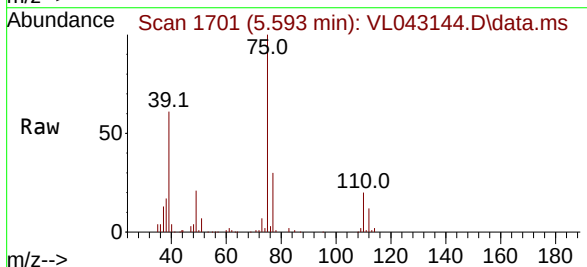
Tgt Ion: 75 Resp: 214624

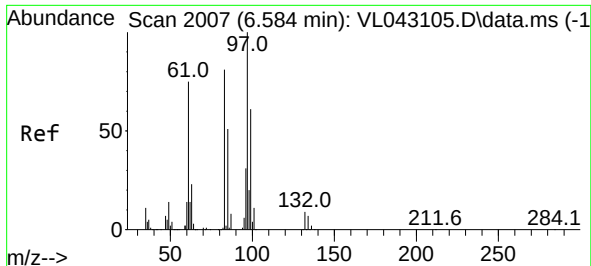
Ion Ratio Lower Upper

75 100

39 61.2 51.0 76.6

77 30.0 25.0 37.4

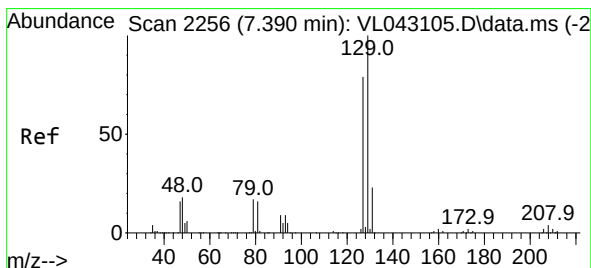
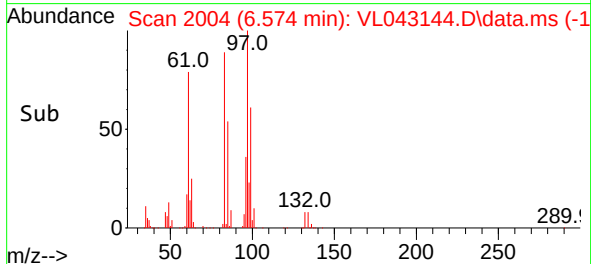
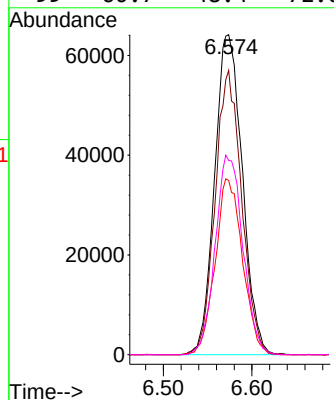
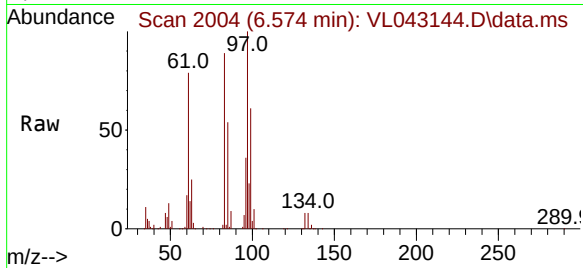




#47
1,1,2-Trichloroethane
Concen: 9.841 ppbv
RT: 6.574 min Scan# 2004
Delta R.T. -0.010 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

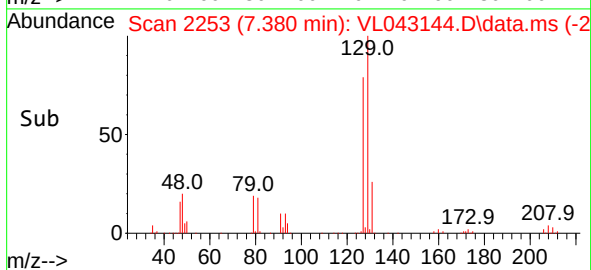
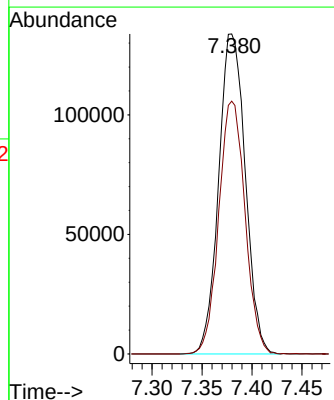
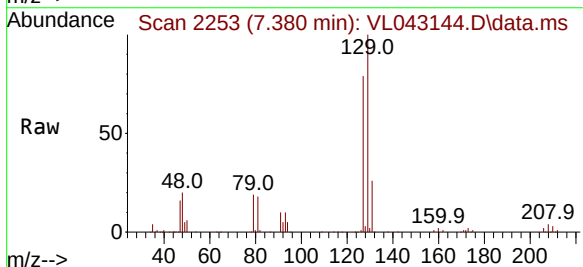
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

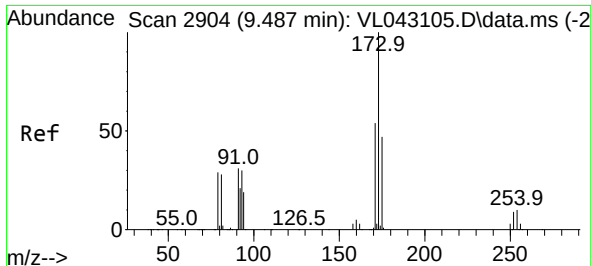
Tgt Ion: 97	Resp: 139574
Ion Ratio	Lower Upper
97 100	
83 88.8	64.6 96.8
85 54.5	40.6 60.8
99 60.7	48.4 72.6



#48
Dibromochloromethane
Concen: 10.463 ppbv
RT: 7.380 min Scan# 2253
Delta R.T. -0.010 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion:129	Resp: 248108
Ion Ratio	Lower Upper
129 100	
127 77.9	39.3 117.9





#49

Bromoform

Concen: 11.150 ppbv

RT: 9.477 min Scan# 2904

Delta R.T. -0.010 min

Lab File: VL043144.D

Acq: 04 Nov 2025 08:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

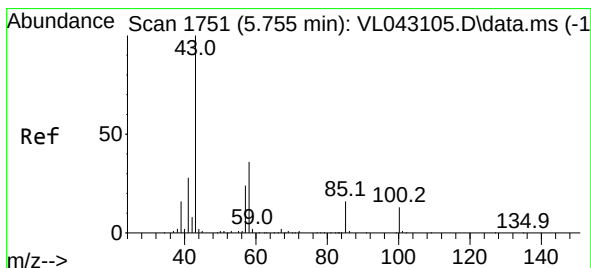
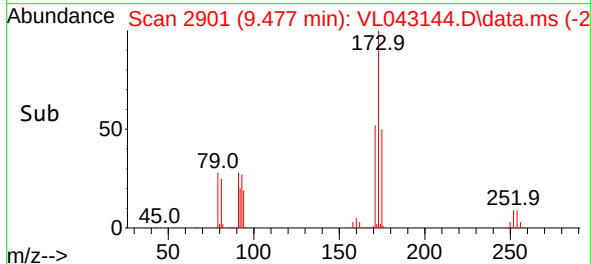
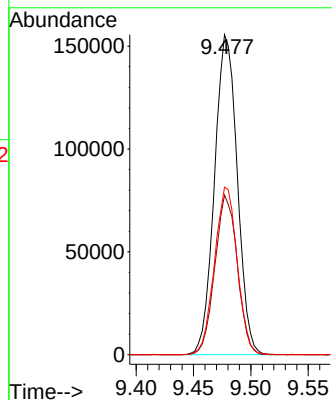
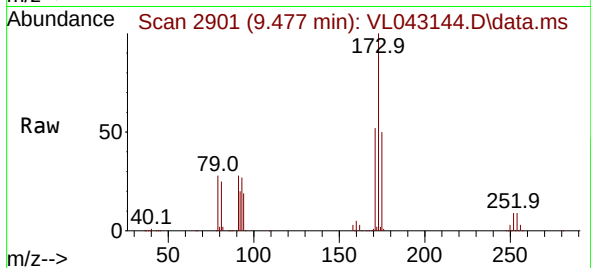
Tgt Ion:173 Resp: 214923

Ion Ratio Lower Upper

173 100

175 49.1 38.8 58.2

171 52.2 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 8.847 ppbv

RT: 5.739 min Scan# 1746

Delta R.T. -0.017 min

Lab File: VL043144.D

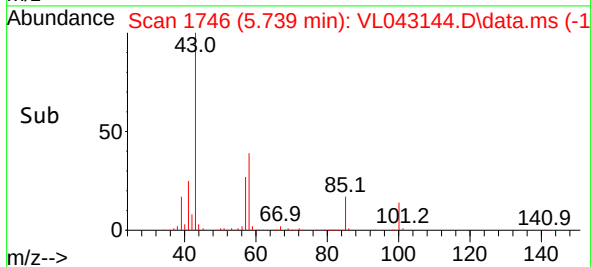
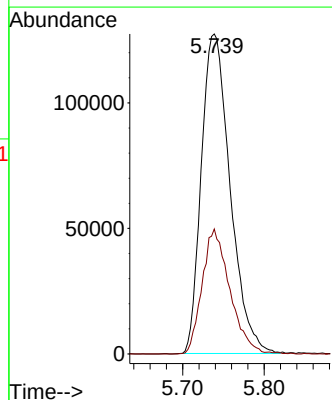
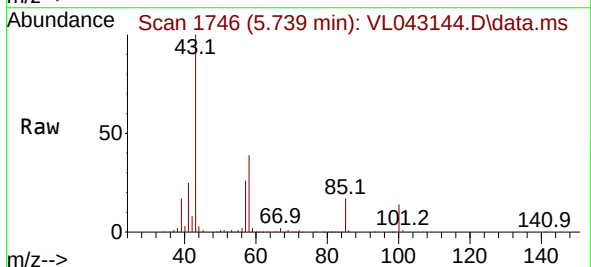
Acq: 04 Nov 2025 08:25

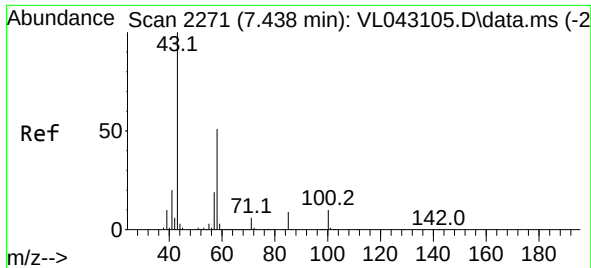
Tgt Ion: 43 Resp: 313044

Ion Ratio Lower Upper

43 100

58 37.6 29.1 43.7

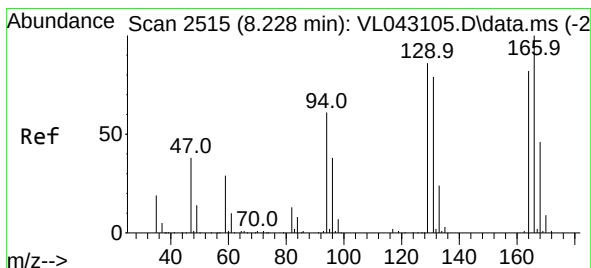
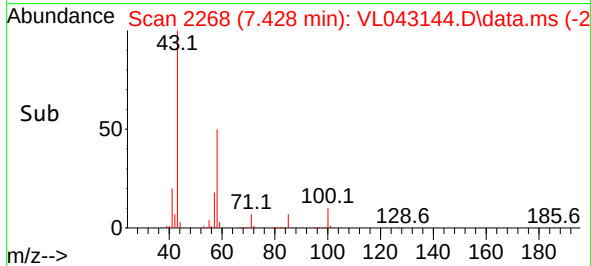
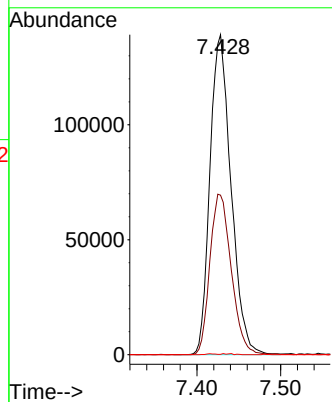
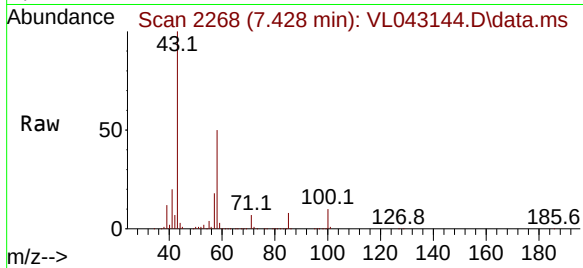




#51
2-Hexanone
Concen: 9.186 ppbv
RT: 7.428 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

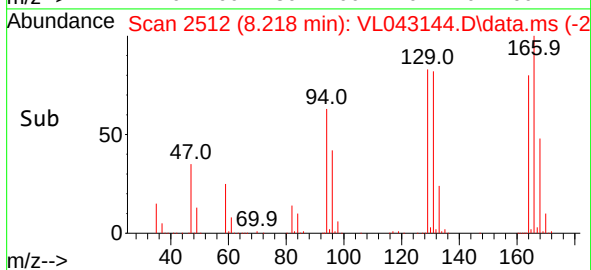
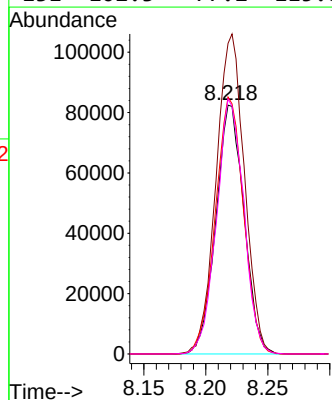
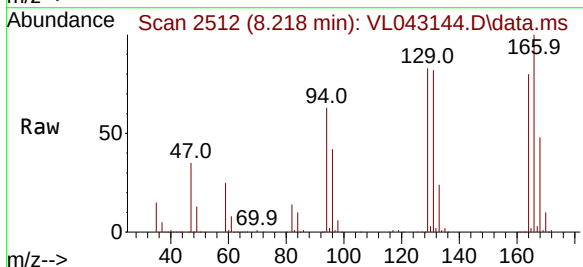
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

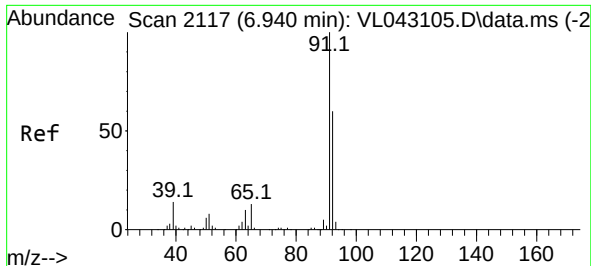
Tgt Ion: 43 Resp: 243816
Ion Ratio Lower Upper
43 100
58 50.9 40.4 60.6
98 0.3 0.1 0.1#



#52
Tetrachloroethene
Concen: 10.072 ppbv
RT: 8.218 min Scan# 2512
Delta R.T. -0.010 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion: 164 Resp: 130481
Ion Ratio Lower Upper
164 100
166 124.7 97.6 146.4
129 103.3 84.5 126.7
131 102.3 77.2 115.8

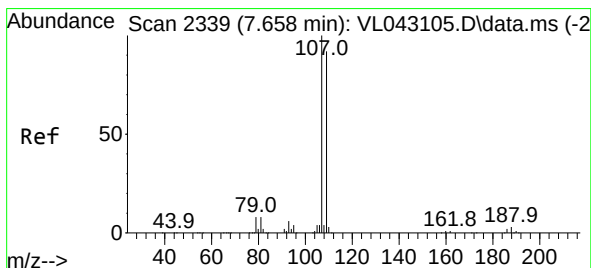
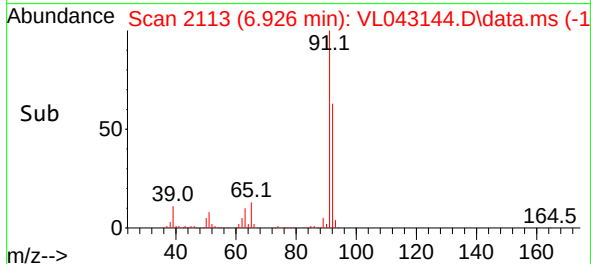
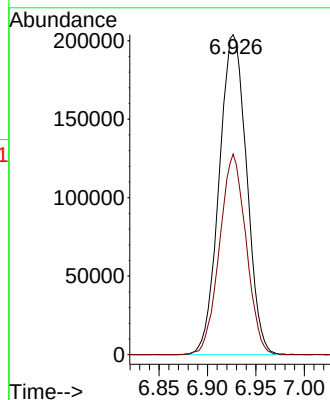
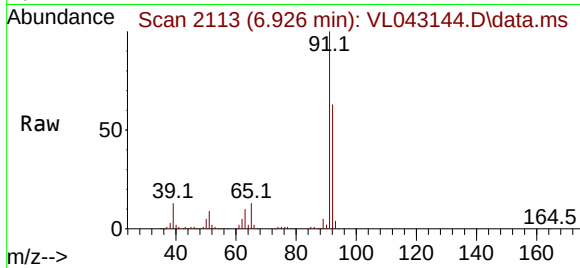




#53
Toluene
Concen: 9.454 ppbv
RT: 6.926 min Scan# 2117
Delta R.T. -0.013 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

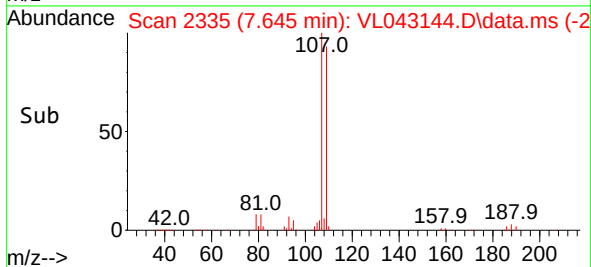
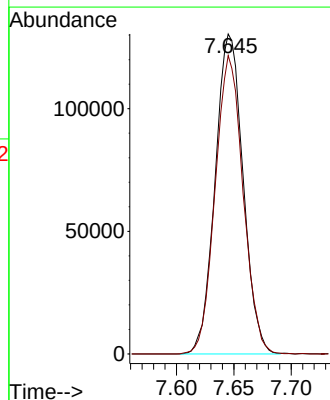
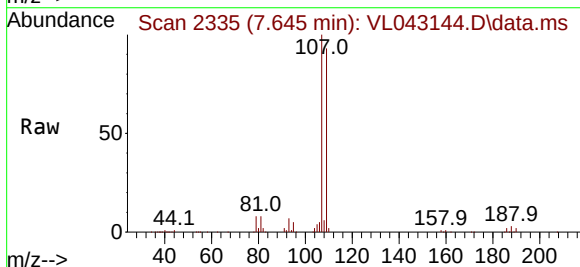
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

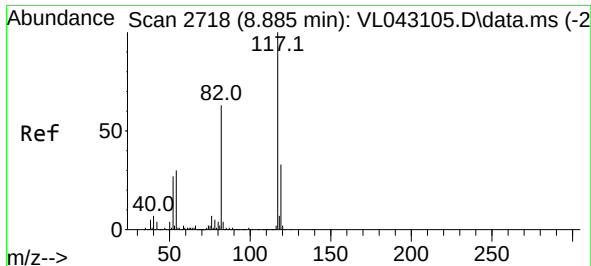
Tgt Ion: 91 Resp: 403111
Ion Ratio Lower Upper
91 100
92 60.5 48.8 73.2



#54
1,2-Dibromoethane
Concen: 9.928 ppbv
RT: 7.645 min Scan# 2335
Delta R.T. -0.013 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion: 107 Resp: 220541
Ion Ratio Lower Upper
107 100
109 93.2 73.4 110.2

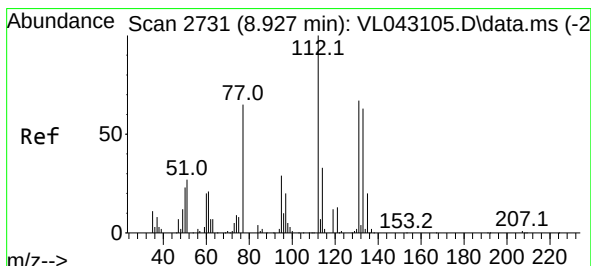
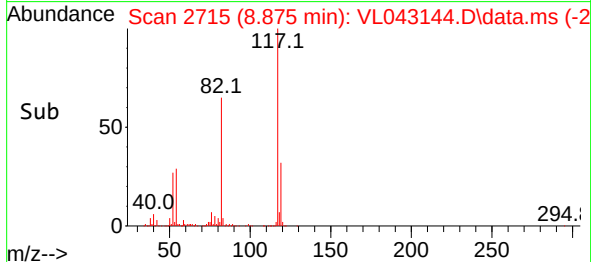
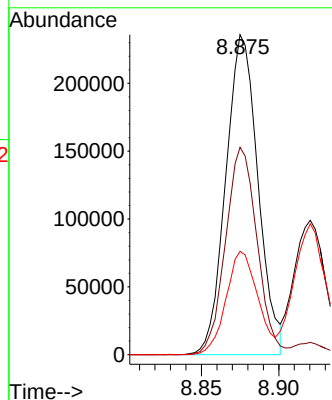
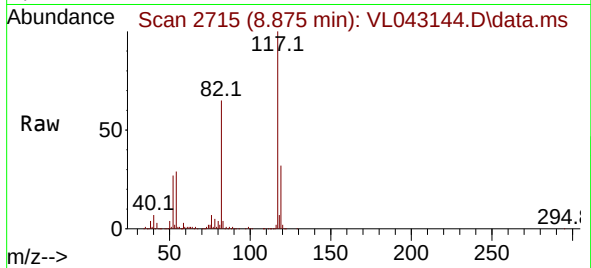




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

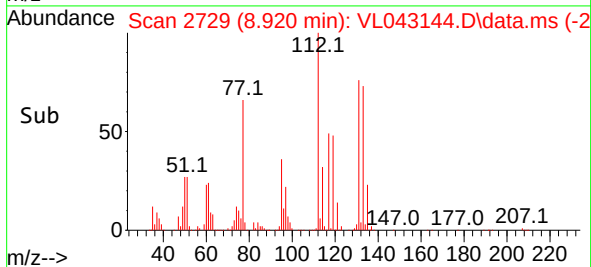
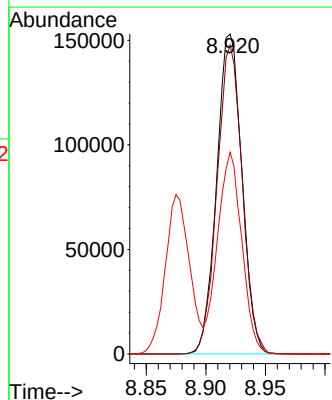
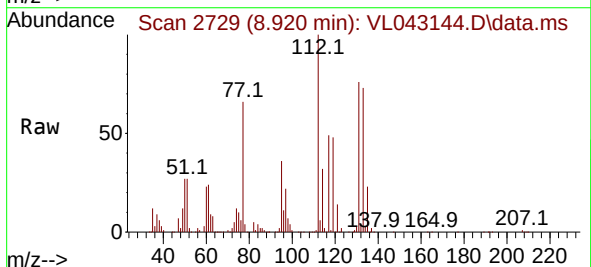
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

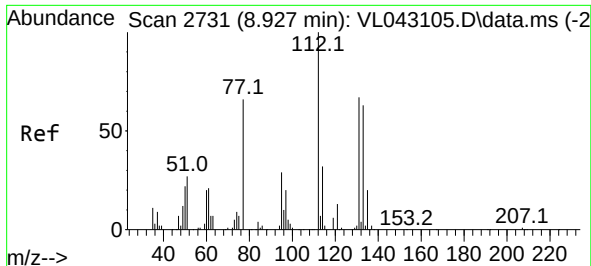
Tgt Ion:117 Resp: 341295
Ion Ratio Lower Upper
117 100
82 67.0 53.8 80.8
119 31.3 25.4 38.0



#56
1,1,1,2-Tetrachloroethane
Concen: 10.500 ppbv
RT: 8.920 min Scan# 2729
Delta R.T. -0.007 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion:131 Resp: 225896
Ion Ratio Lower Upper
131 100
133 96.0 75.7 113.5
119 61.7 50.6 76.0





#57

Chlorobenzene

Concen: 9.625 ppbv

RT: 8.917 min Scan# 21

Delta R.T. -0.010 min

Lab File: VL043144.D

Acq: 04 Nov 2025 08:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

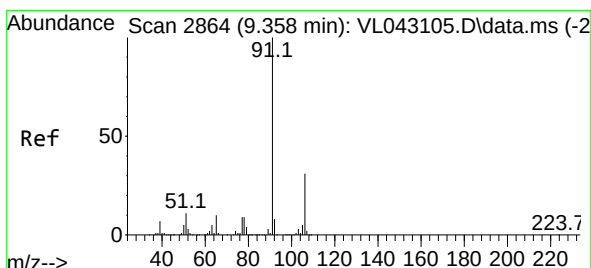
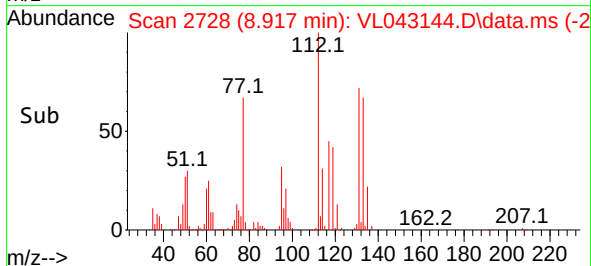
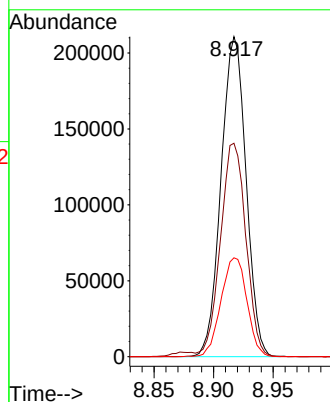
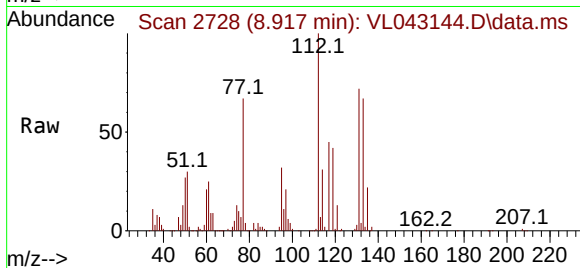
Tgt Ion:112 Resp: 307315

Ion Ratio Lower Upper

112 100

77 66.6 53.3 79.9

114 30.9 29.3 35.8



#58

Ethyl Benzene

Concen: 9.618 ppbv

RT: 9.351 min Scan# 2862

Delta R.T. -0.007 min

Lab File: VL043144.D

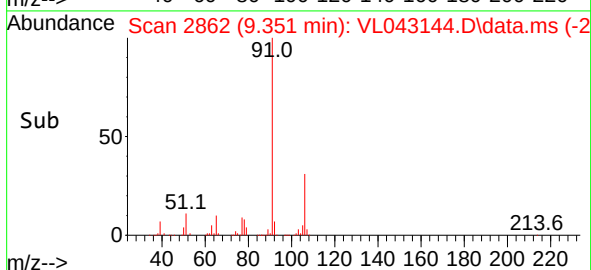
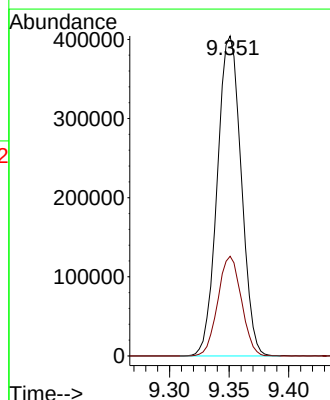
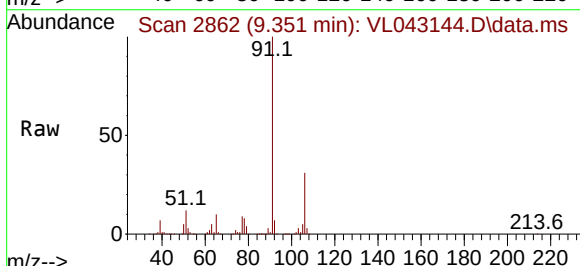
Acq: 04 Nov 2025 08:25

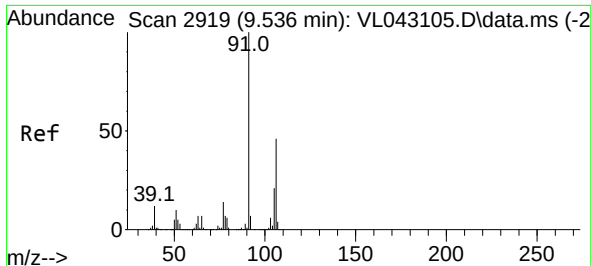
Tgt Ion: 91 Resp: 563346

Ion Ratio Lower Upper

91 100

106 31.1 24.8 37.2





#59

m/p-Xylene

Concen: 9.334 ppbv

RT: 9.529 min Scan# 2919

Delta R.T. -0.007 min

Lab File: VL043144.D

Acq: 04 Nov 2025 08:25

Instrument :

MSVOA_L

ClientSampleId :

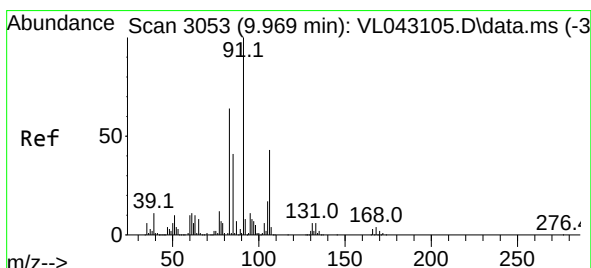
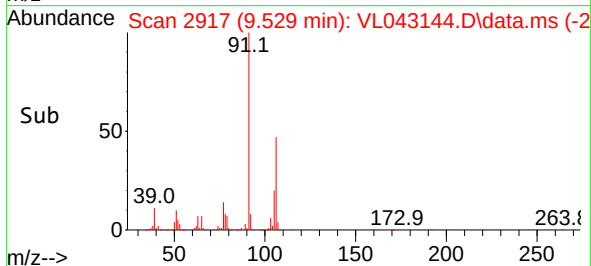
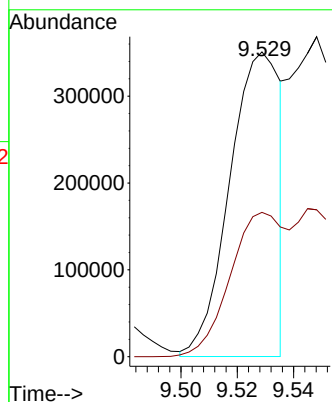
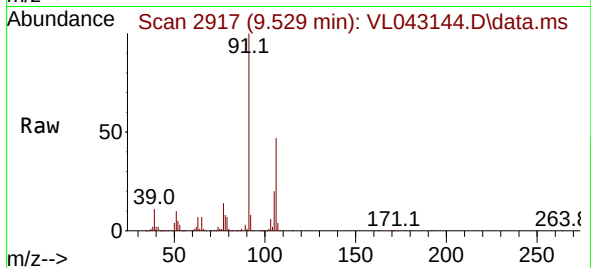
VSTDCCC010

Tgt Ion: 91 Resp: 436092

Ion Ratio Lower Upper

91 100

106 0.0 38.0 57.0#



#60

o-Xylene

Concen: 9.764 ppbv

RT: 9.959 min Scan# 3050

Delta R.T. -0.010 min

Lab File: VL043144.D

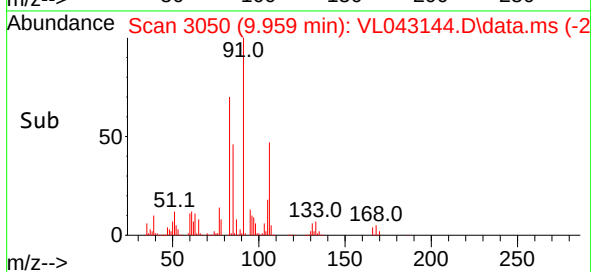
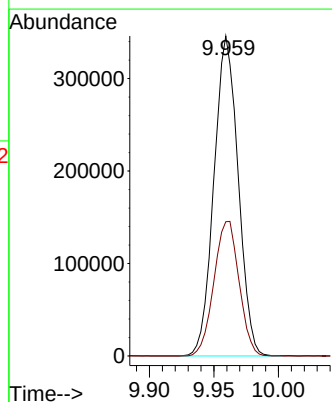
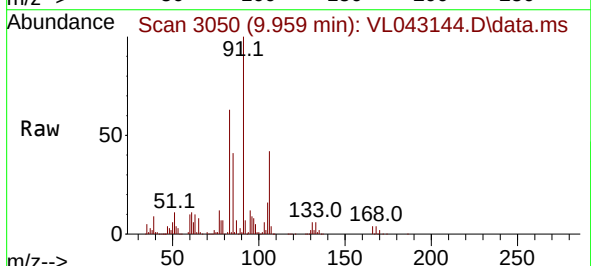
Acq: 04 Nov 2025 08:25

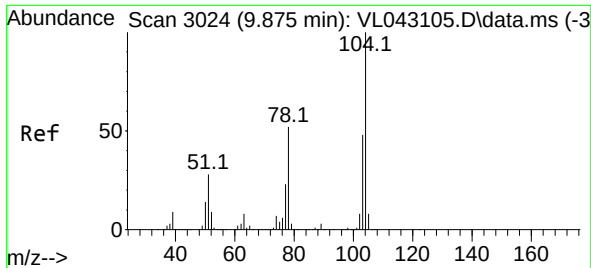
Tgt Ion: 91 Resp: 450523

Ion Ratio Lower Upper

91 100

106 43.7 21.9 65.8

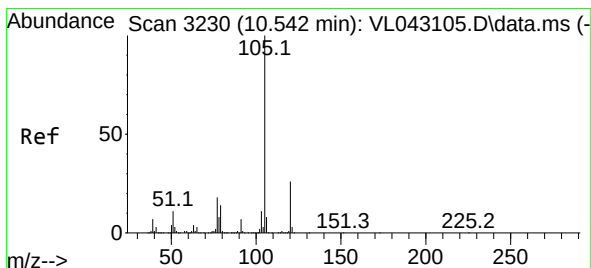
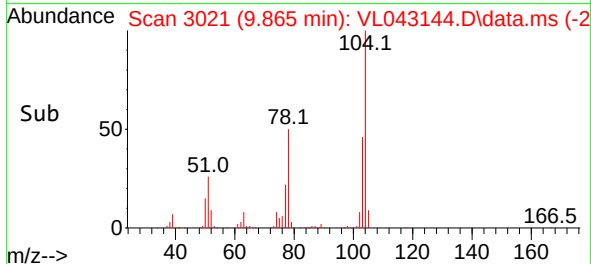
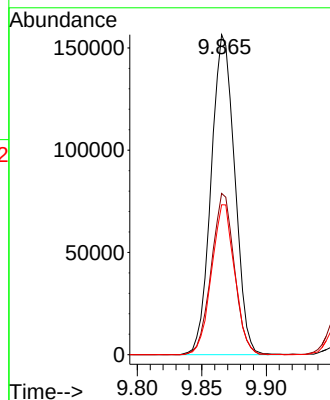
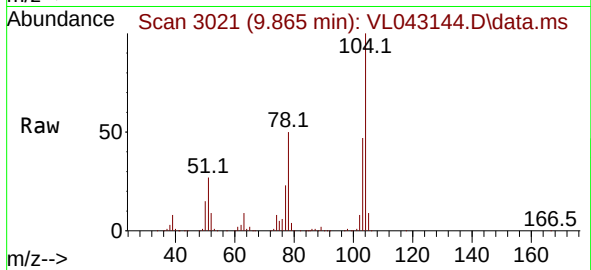




#61
Styrene
Concen: 9.547 ppbv
RT: 9.865 min Scan# 3024
Delta R.T. -0.010 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

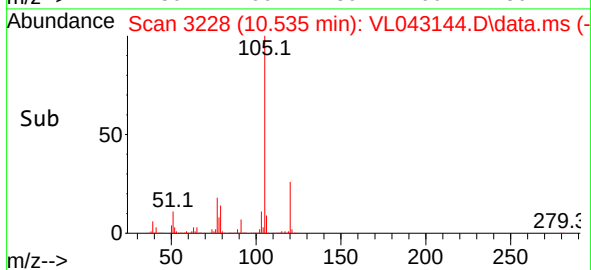
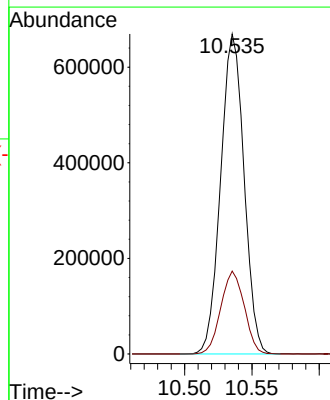
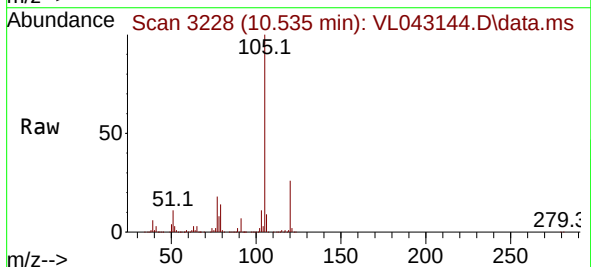
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

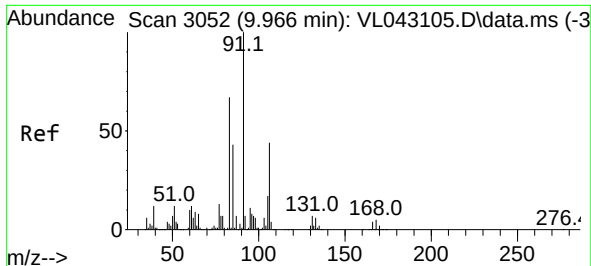
Tgt Ion:104 Resp: 198862
Ion Ratio Lower Upper
104 100
78 49.2 40.2 60.2
103 46.1 36.9 55.3



#62
Isopropylbenzene
Concen: 9.683 ppbv
RT: 10.535 min Scan# 3228
Delta R.T. -0.007 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion:105 Resp: 807370
Ion Ratio Lower Upper
105 100
120 25.9 20.2 30.4

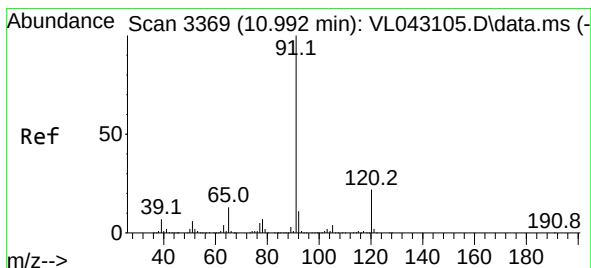
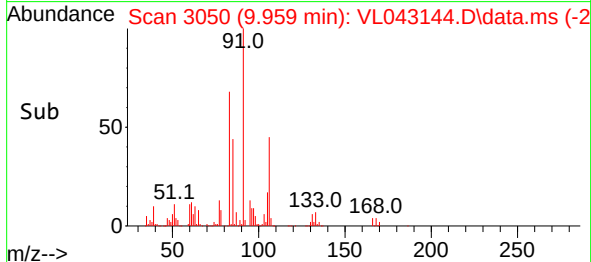
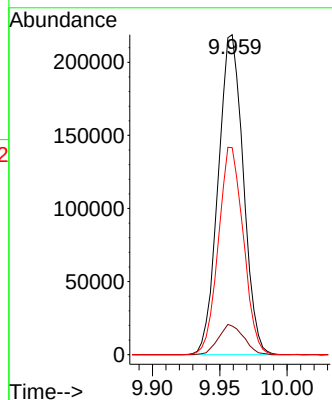
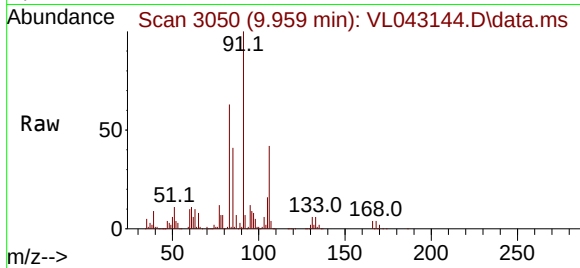




#63
1,1,2,2-Tetrachloroethane
Concen: 9.172 ppbv
RT: 9.959 min Scan# 3050
Delta R.T. -0.007 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

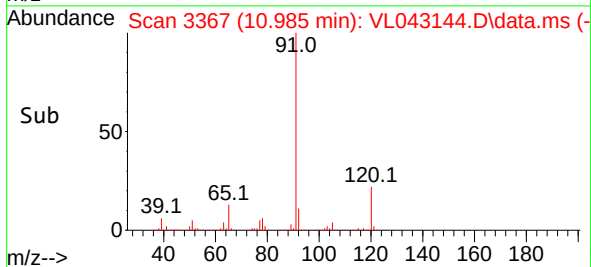
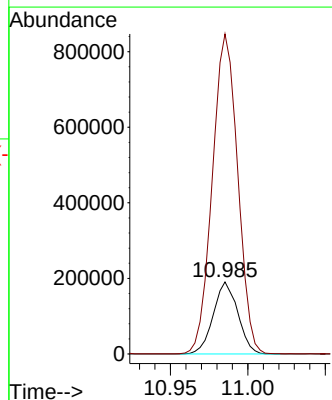
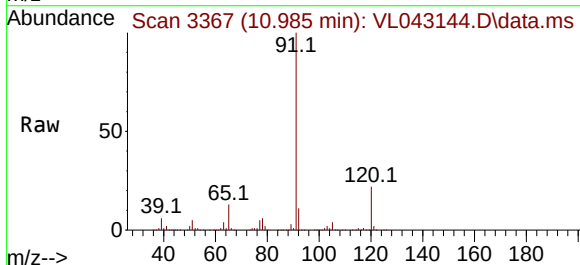
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

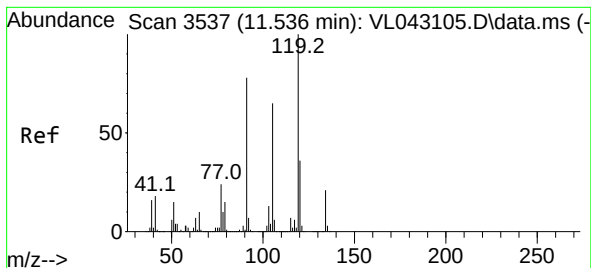
Tgt Ion: 83 Resp: 283373
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 64.5 32.0 96.0



#64
n-propylbenzene
Concen: 9.517 ppbv
RT: 10.985 min Scan# 3367
Delta R.T. -0.007 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion:120 Resp: 210081
Ion Ratio Lower Upper
120 100
91 460.5 361.6 542.4

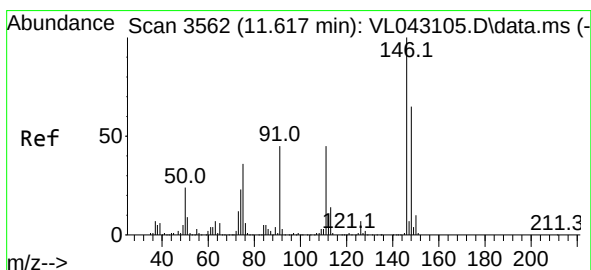
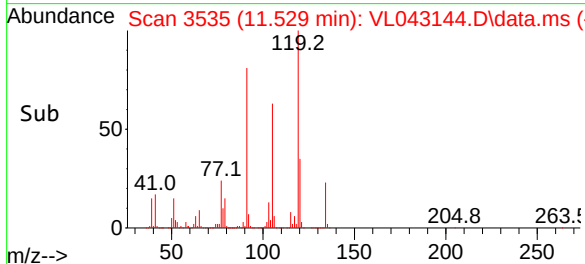
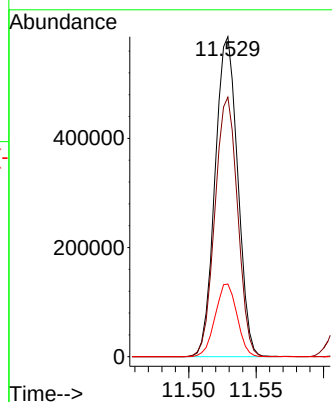
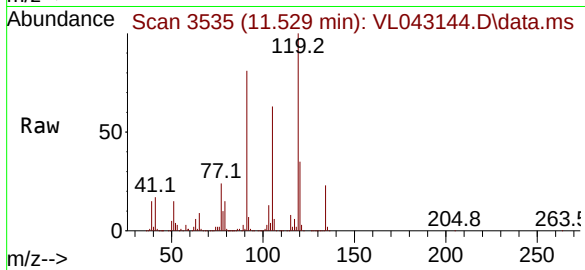




#65
tert-Butylbenzene
Concen: 9.314 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. -0.007 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

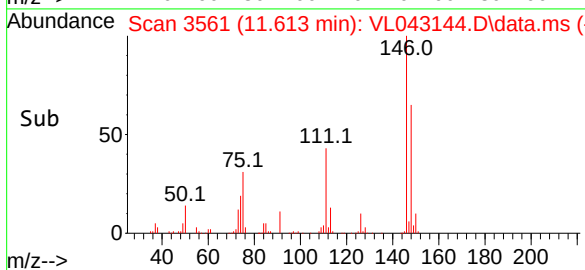
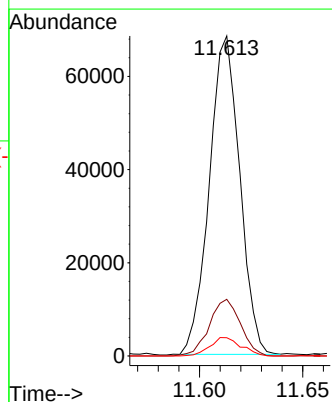
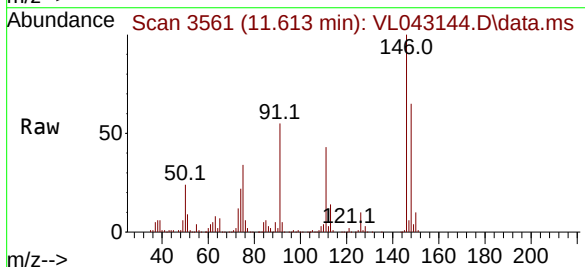
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

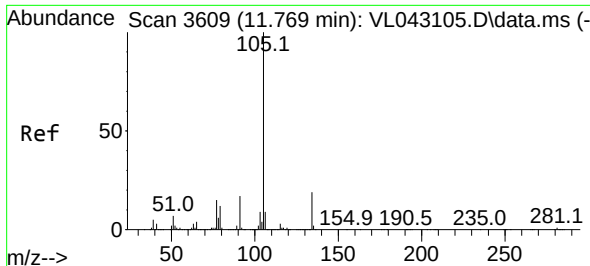
Tgt Ion:119 Resp: 685817
Ion Ratio Lower Upper
119 100
91 81.2 63.4 95.0
134 22.0 17.3 25.9



#66
Benzyl Chloride
Concen: 8.551 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.004 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion: 91 Resp: 70071
Ion Ratio Lower Upper
91 100
126 18.2 14.6 22.0
128 6.0 4.6 6.8

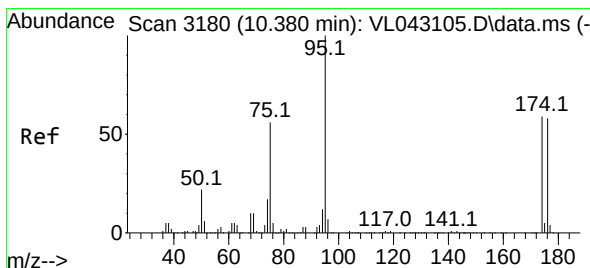
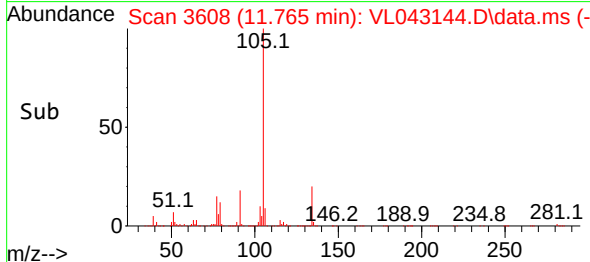
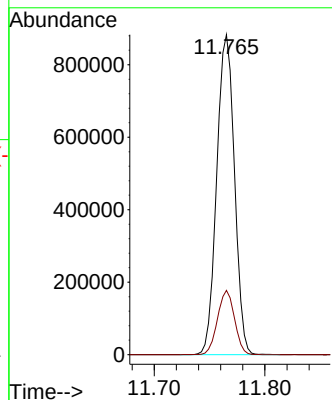
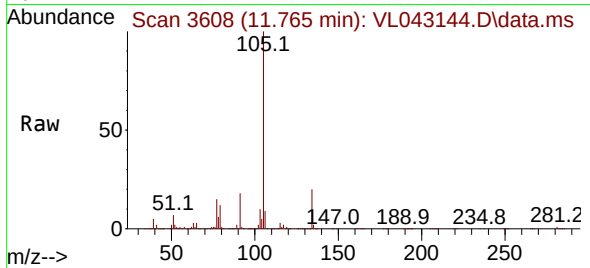




#67
 sec-Butylbenzene
 Concen: 9.403 ppbv
 RT: 11.765 min Scan# 3107
 Delta R.T. -0.004 min
 Lab File: VL043144.D
 Acq: 04 Nov 2025 08:25

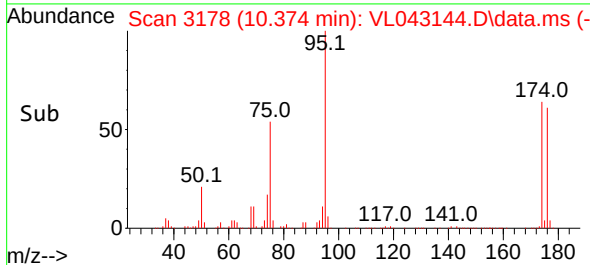
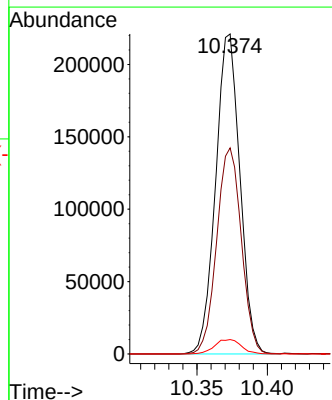
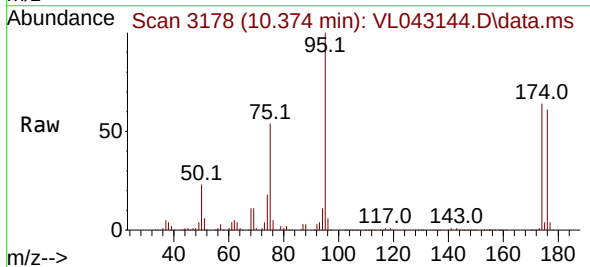
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

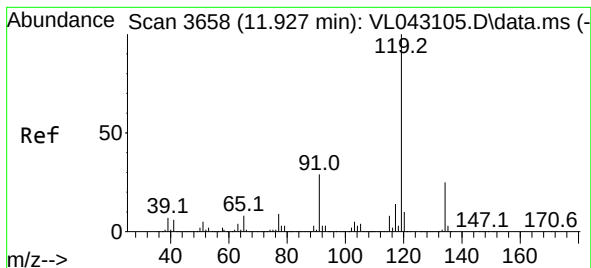
Tgt Ion:105 Resp: 982589
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.5 23.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.011 ppbv
 RT: 10.374 min Scan# 3178
 Delta R.T. -0.007 min
 Lab File: VL043144.D
 Acq: 04 Nov 2025 08:25

Tgt Ion: 95 Resp: 265573
 Ion Ratio Lower Upper
 95 100
 174 65.3 48.3 72.5
 175 5.0 3.8 5.8

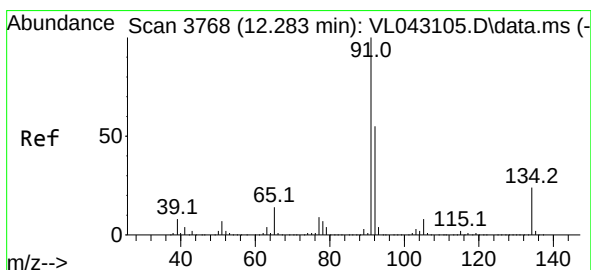
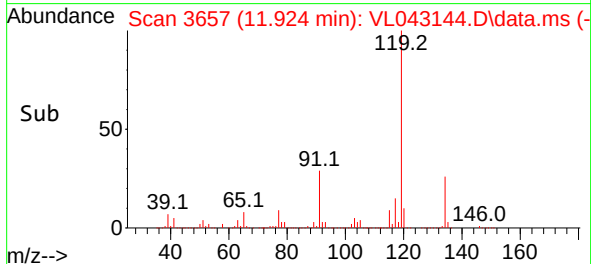
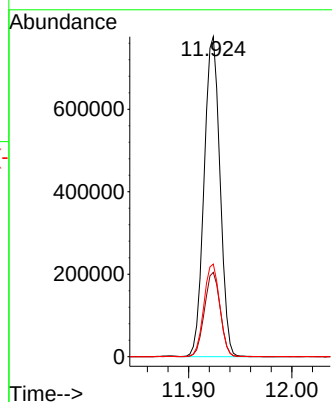
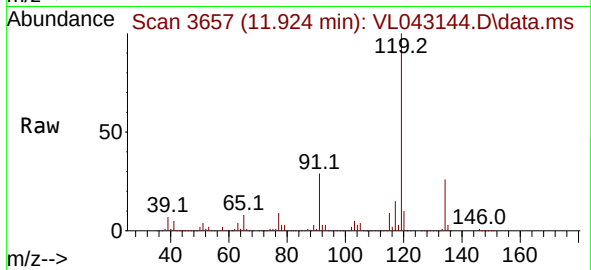




#69
 p-Isopropyltoluene
 Concen: 9.332 ppbv
 RT: 11.924 min Scan# 3657
 Delta R.T. -0.004 min
 Lab File: VL043144.D
 Acq: 04 Nov 2025 08:25

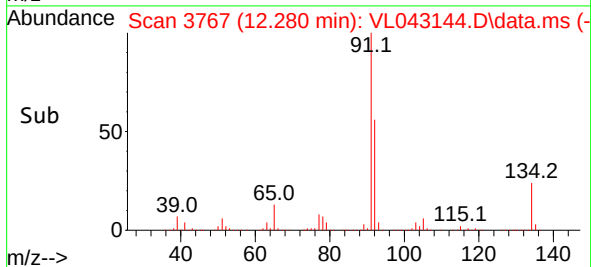
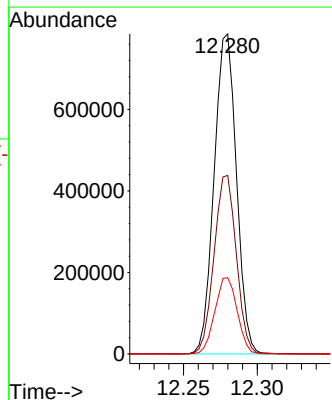
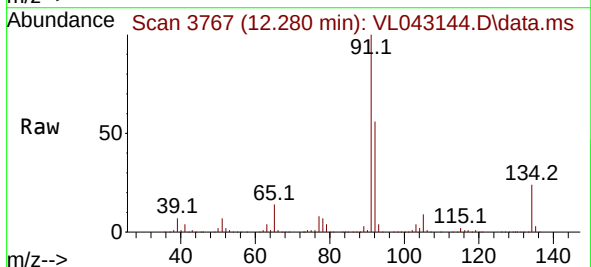
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

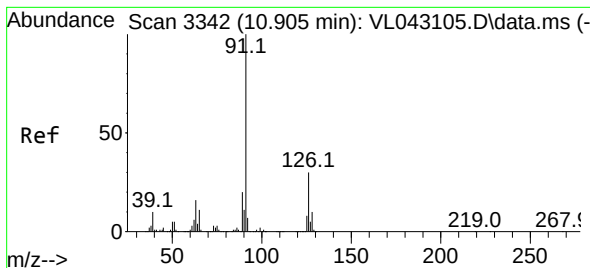
Tgt Ion: 119 Resp: 828649
 Ion Ratio Lower Upper
 119 100
 134 26.2 20.3 30.5
 91 29.0 22.6 33.8



#70
 n-Butylbenzene
 Concen: 9.441 ppbv
 RT: 12.280 min Scan# 3767
 Delta R.T. -0.004 min
 Lab File: VL043144.D
 Acq: 04 Nov 2025 08:25

Tgt Ion: 91 Resp: 826157
 Ion Ratio Lower Upper
 91 100
 92 55.7 44.5 66.7
 134 23.9 19.3 28.9

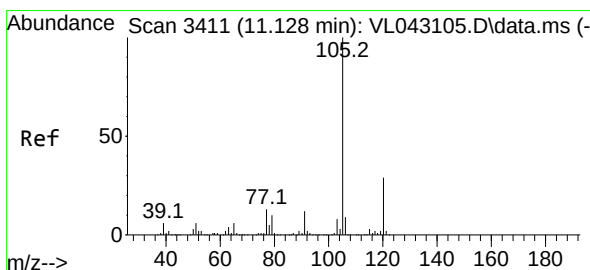
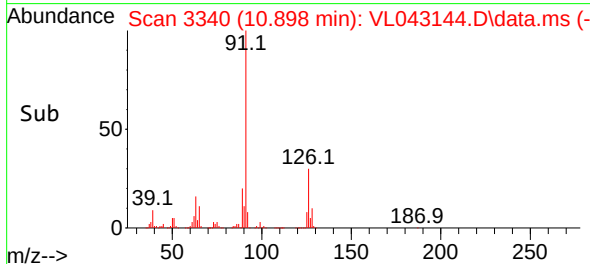
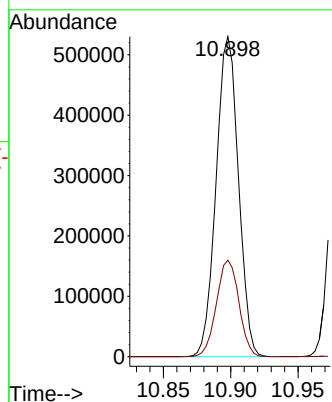
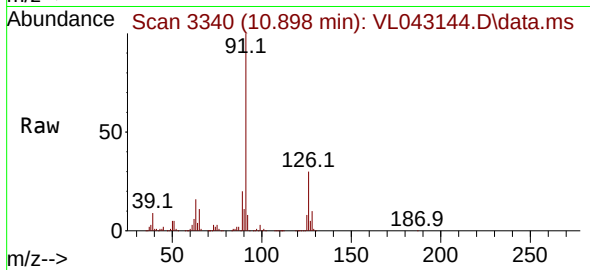




#71
2-Chlorotoluene
Concen: 9.613 ppbv
RT: 10.898 min Scan# 311
Delta R.T. -0.007 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

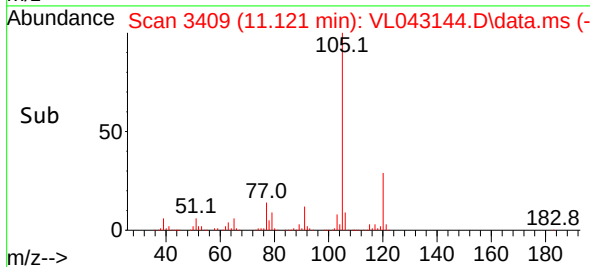
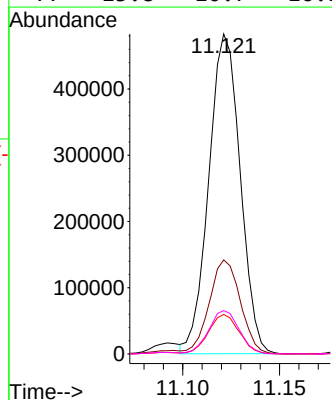
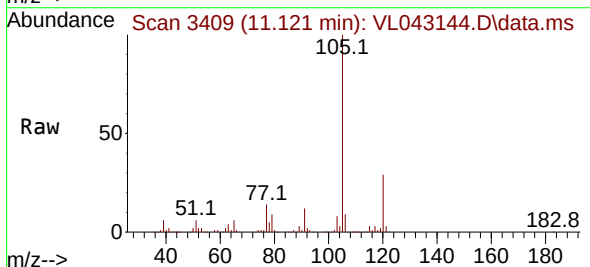
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

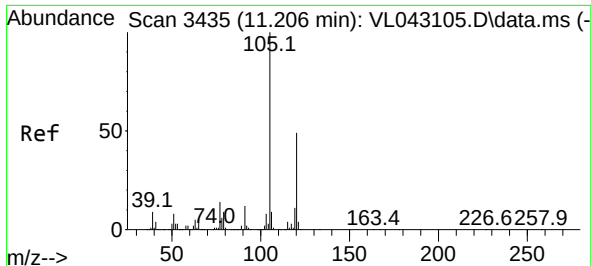
Tgt Ion: 91 Resp: 611331
Ion Ratio Lower Upper
91 100
126 30.3 12.0 48.0



#72
4-Ethyltoluene
Concen: 9.597 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. -0.007 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion:105 Resp: 544492
Ion Ratio Lower Upper
105 100
120 30.2 24.2 36.4
91 12.6 10.0 15.0
77 13.8 10.7 16.1

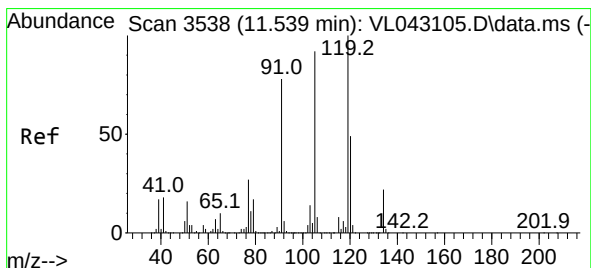
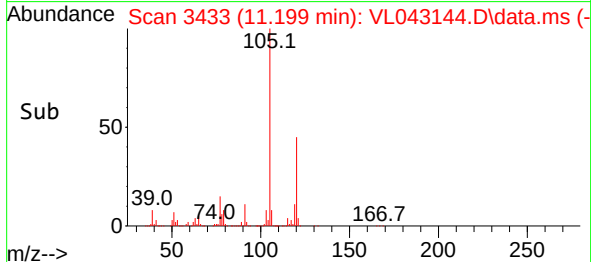
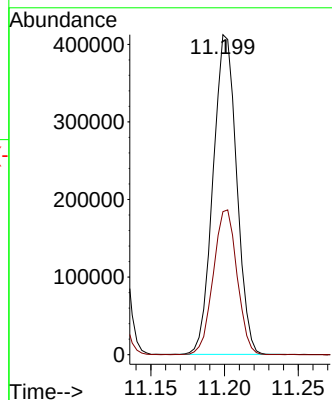
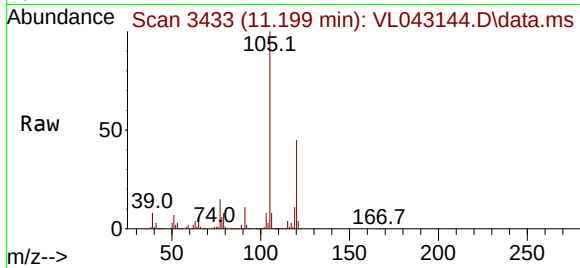




#73
1,3,5-Trimethylbenzene
Concen: 9.795 ppbv
RT: 11.199 min Scan# 34
Delta R.T. -0.007 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

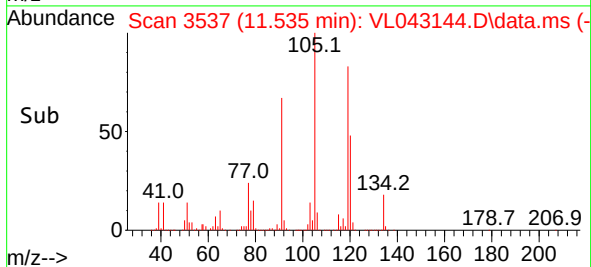
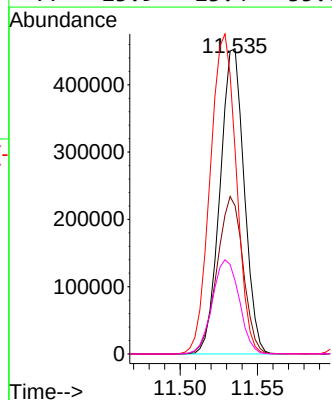
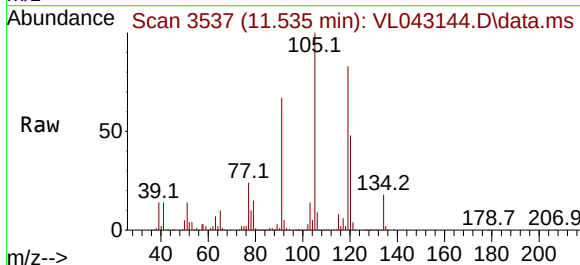
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

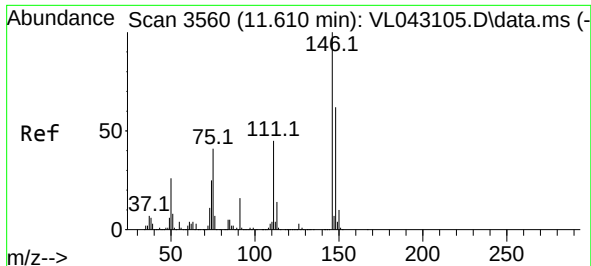
Tgt Ion:105 Resp: 458339
Ion Ratio Lower Upper
105 100
120 44.7 39.0 58.6



#74
1,2,4-Trimethylbenzene
Concen: 9.414 ppbv
RT: 11.535 min Scan# 3537
Delta R.T. -0.004 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion:105 Resp: 492936
Ion Ratio Lower Upper
105 100
120 48.5 42.8 64.2
91 66.6 68.3 102.5#
77 23.9 23.4 35.0

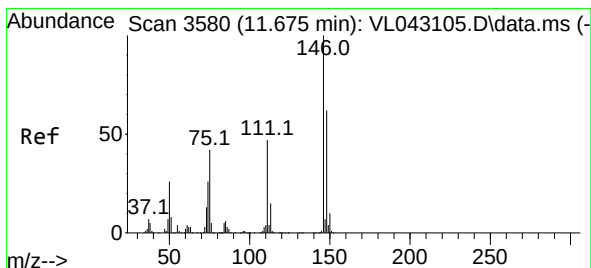
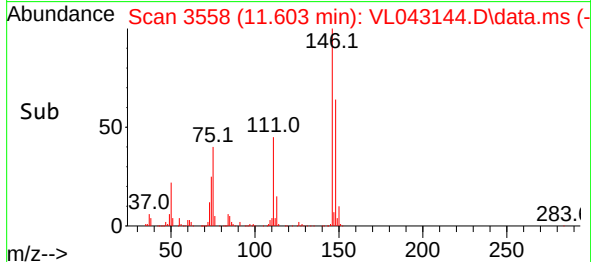
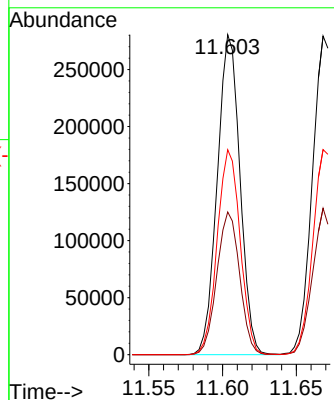
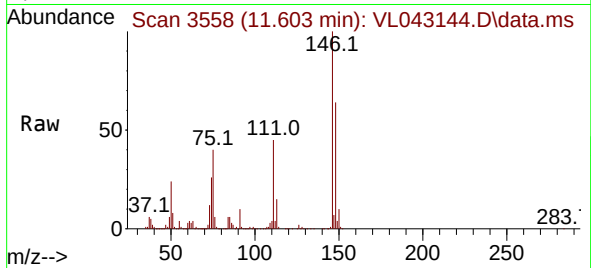




#75
1,3-Dichlorobenzene
Concen: 9.908 ppbv
RT: 11.603 min Scan# 3558
Delta R.T. -0.007 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

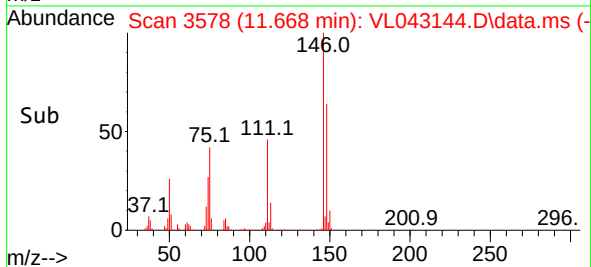
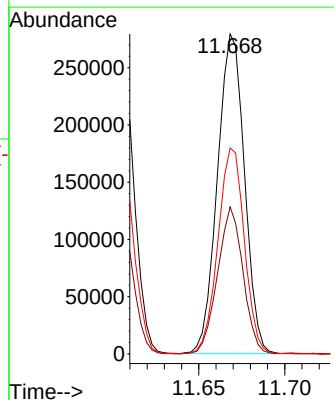
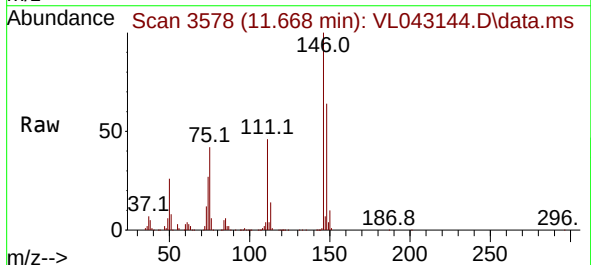
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

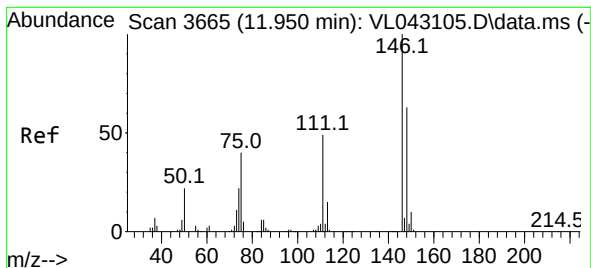
Tgt Ion:146 Resp: 300899
Ion Ratio Lower Upper
146 100
111 44.7 23.3 69.9
148 64.7 31.6 95.0



#76
1,4-Dichlorobenzene
Concen: 9.970 ppbv
RT: 11.668 min Scan# 3578
Delta R.T. -0.007 min
Lab File: VL043144.D
Acq: 04 Nov 2025 08:25

Tgt Ion:146 Resp: 305313
Ion Ratio Lower Upper
146 100
111 43.5 22.4 67.0
148 63.1 31.6 94.7





#77

1,2-Dichlorobenzene

Concen: 9.743 ppbv

RT: 11.943 min Scan# 3

Delta R.T. -0.007 min

Lab File: VL043144.D

Acq: 04 Nov 2025 08:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

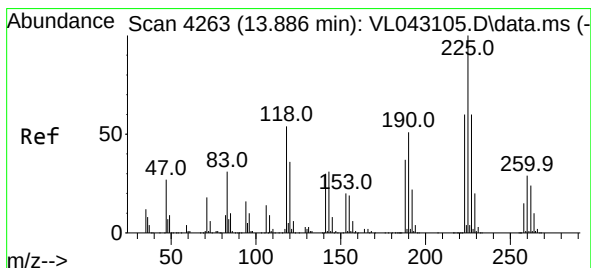
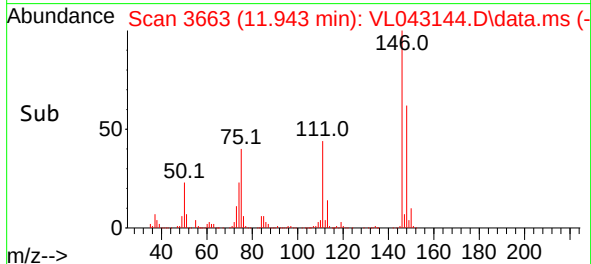
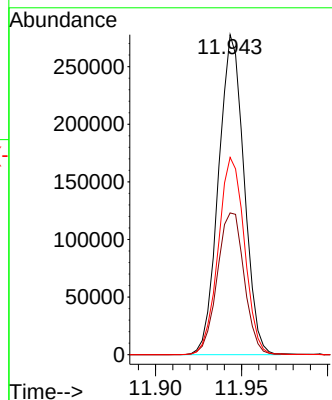
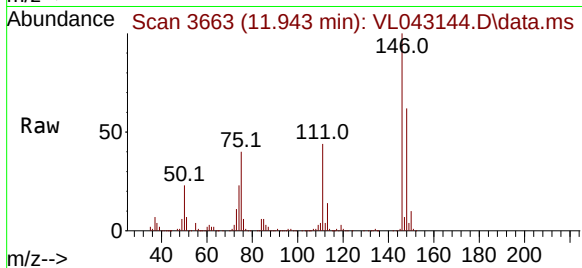
Tgt Ion:146 Resp: 286249

Ion Ratio Lower Upper

146 100

111 46.9 24.0 72.0

148 63.4 31.1 93.3



#78

Hexachloro-1,3-Butadiene

Concen: 9.474 ppbv

RT: 13.879 min Scan# 4261

Delta R.T. -0.007 min

Lab File: VL043144.D

Acq: 04 Nov 2025 08:25

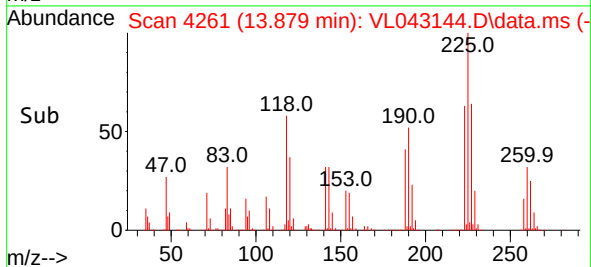
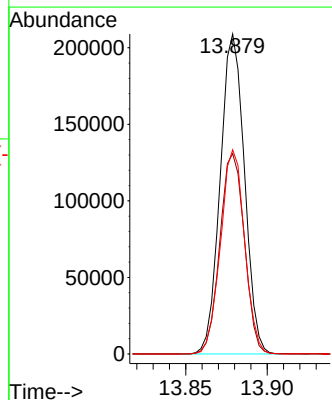
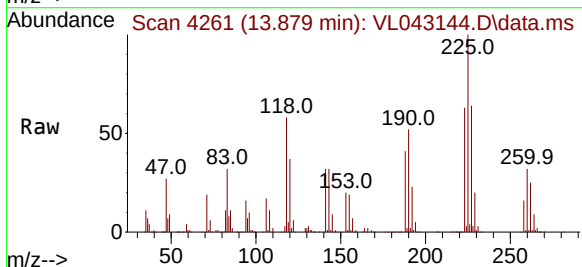
Tgt Ion:225 Resp: 215505

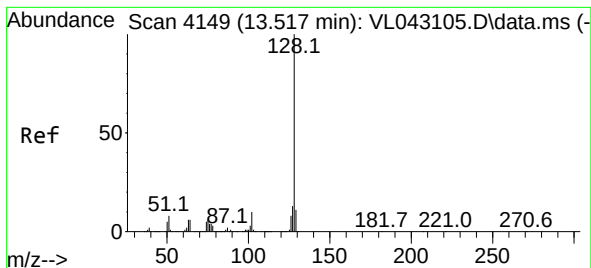
Ion Ratio Lower Upper

225 100

223 63.4 50.2 75.4

227 63.4 49.6 74.4





#79

Naphthalene

Concen: 9.334 ppbv

RT: 13.510 min Scan# 4149

Delta R.T. -0.007 min

Lab File: VL043144.D

Acq: 04 Nov 2025 08:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

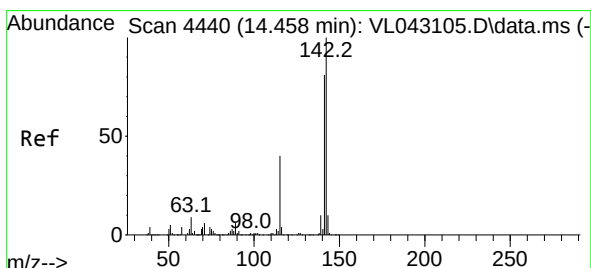
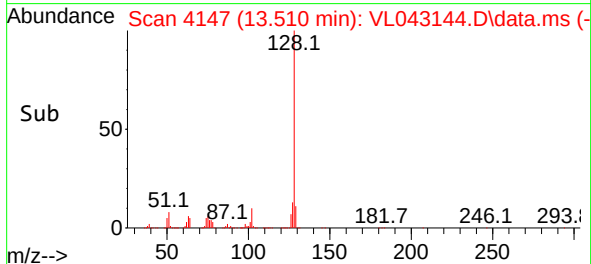
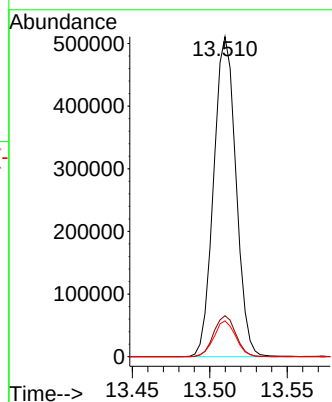
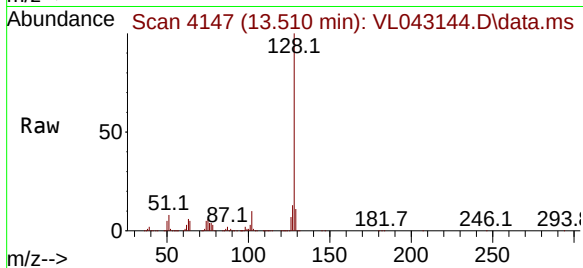
Tgt Ion:128 Resp: 510850

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 11.2 9.1 13.7



#80

Naphthalene, 2-methyl-

Concen: 11.008 ppbv

RT: 14.455 min Scan# 4439

Delta R.T. -0.004 min

Lab File: VL043144.D

Acq: 04 Nov 2025 08:25

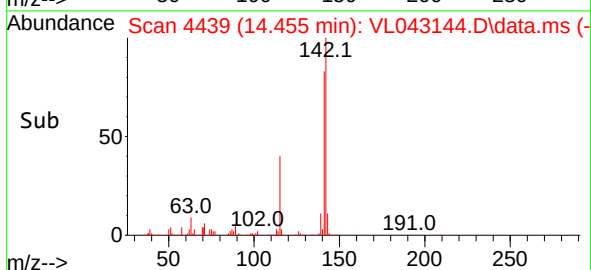
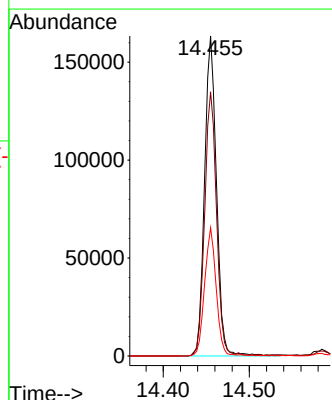
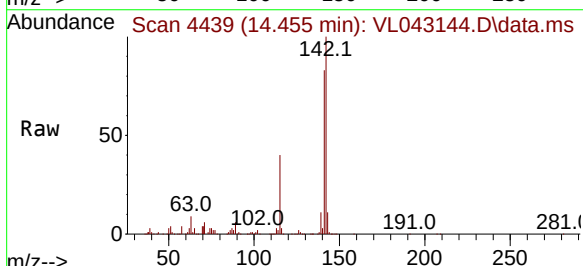
Tgt Ion:142 Resp: 156960

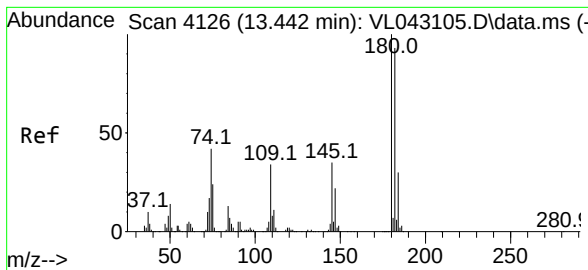
Ion Ratio Lower Upper

142 100

141 83.0 64.6 97.0

115 39.6 30.2 45.4





#81
 1,2,4-Trichlorobenzene
 Concen: 10.121 ppbv
 RT: 13.439 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: VL043144.D
 Acq: 04 Nov 2025 08:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 229907

Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.5	113.3
184	30.6	23.9	35.9

