

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110625\
 Data File : VL043155.D
 Acq On : 06 Nov 2025 07:19
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Nov 07 00:16:14 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	2.790	49	111679	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	341877	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	299829	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	246332	10.570	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	171973	10.832	ppbv	97
3) Chlorodifluoromethane	1.479	51	173652	10.109	ppbv	96
4) Chloromethane	1.534	50	57078	9.075	ppbv	97
5) Vinyl Chloride	1.583	62	57398	9.304	ppbv	98
6) Bromomethane	1.670	94	35458	10.482	ppbv	99
7) Chloroethane	1.706	64	23010	9.123	ppbv	96
8) Dichlorotetrafluoroethane	1.557	85	137989	10.753	ppbv	91
9) Propene	1.486	41	63768	8.370	ppbv	99
10) Heptane	4.985	43	188172	8.579	ppbv	97
11) Trichlorofluoromethane	1.881	101	185190	11.925	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.143	101	144020	11.519	ppbv	99
13) Ethanol	1.722	45	20822	7.389	ppbv	98
14) Bromoethene	1.784	108	49929	10.750	ppbv	99
15) Acetone	1.835	43	136553	9.072	ppbv	100
16) 1,3-Butadiene	1.612	39	63019	8.785	ppbv	99
17) tert-Butyl alcohol	2.043	59	204329	9.889	ppbv	100
18) 1,1-Dichloroethene	2.036	96	60122	11.030	ppbv	93
19) Isopropyl Alcohol	1.887	45	81900	8.736	ppbv	93
20) Methylene Chloride	2.065	84	52206	8.774	ppbv	96
21) Allyl Chloride	2.098	41	103255	9.309	ppbv	92
22) trans-1,2-Dichloroethene	2.344	96	69627	10.686	ppbv	96
23) Vinyl Acetate	2.463	43	236500	10.726	ppbv	98
24) 1,1-Dichloroethane	2.412	63	132624	10.535	ppbv	99
25) Ethyl Acetate	2.836	43	352821	9.452	ppbv	99
26) Hexane	2.829	57	163545	9.508	ppbv	97
27) Carbon Disulfide	2.153	76	168378	10.684	ppbv	98
28) Methyl tert-Butyl Ether	2.441	73	79492	10.158	ppbv	94
29) Chloroform	2.852	83	272134	10.919	ppbv	100
30) Cyclohexane	3.862	84	140232	9.341	ppbv	93
31) cis-1,2-Dichloroethene	2.725	61	168571	10.263	ppbv	98
32) 1,1,1-Trichloroethane	3.373	97	281440	10.844	ppbv	99
34) 2-Butanone	2.557	43	235359	10.242	ppbv	98
35) Carbon Tetrachloride	3.768	117	291148	11.845	ppbv	99
36) Benzene	3.661	78	326769	10.148	ppbv	96
37) 1,2-Dichloroethane	3.221	62	213185	11.493	ppbv	98
38) Trichloroethene	4.554	130	129566	9.635	ppbv	94
39) 1,2-Dichloropropane	4.318	63	117127	9.950	ppbv	95
40) 1,4-Dioxane	4.580	88	50431	9.574	ppbv #	96
41) Tetrahydrofuran	3.056	42	119118	9.267	ppbv	97
42) Bromodichloromethane	4.496	83	291618	11.359	ppbv	100
43) Methyl Methacrylate	4.884	69	157399	9.624	ppbv	97
44) 2,2,4-Trimethylpentane	4.648	57	535251	9.853	ppbv	99
45) t-1,3-Dichloropropene	6.418	75	168113	10.243	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110625\
 Data File : VL043155.D
 Acq On : 06 Nov 2025 07:19
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

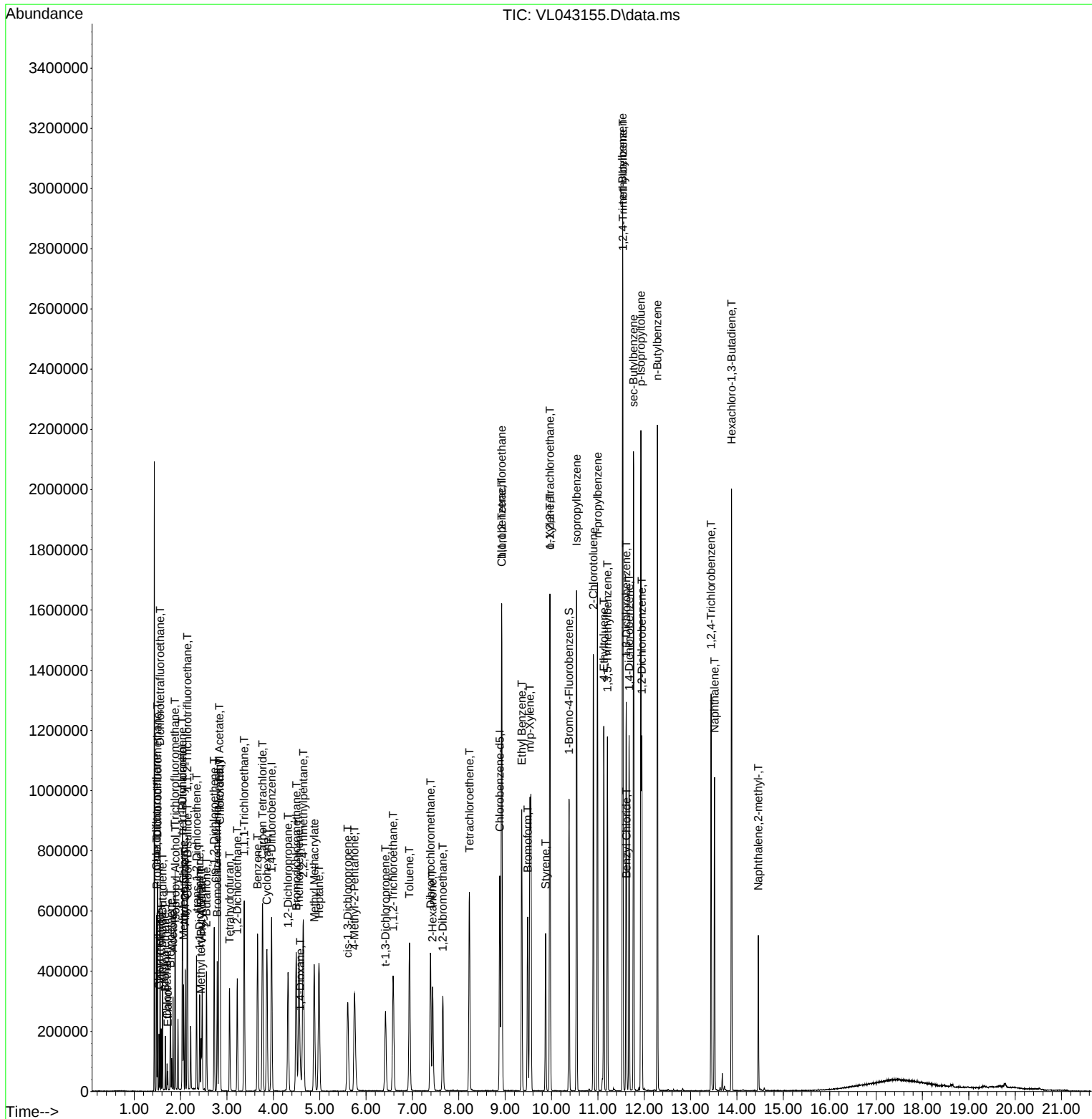
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

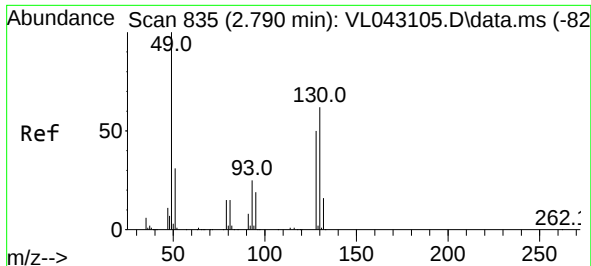
Quant Time: Nov 07 00:16:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Oct 15 02:12:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.606	75	197738	10.086	ppbv	95
47) 1,1,2-Trichloroethane	6.584	97	130602	10.274	ppbv	94
48) Dibromochloromethane	7.389	129	238917	11.241	ppbv	98
49) Bromoform	9.487	173	206162	11.933	ppbv	98
50) 4-Methyl-2-Pentanone	5.748	43	295948	9.331	ppbv	100
51) 2-Hexanone	7.435	43	225625	9.485	ppbv #	98
52) Tetrachloroethene	8.231	164	120713	10.396	ppbv	98
53) Toluene	6.936	91	374714	9.805	ppbv	98
54) 1,2-Dibromoethane	7.655	107	205679	10.330	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.927	131	216010	11.429	ppbv	97
57) Chlorobenzene	8.924	112	286894	10.228	ppbv	100
58) Ethyl Benzene	9.357	91	527991	10.261	ppbv	100
59) m/p-Xylene	9.535	91	474002	11.549	ppbv #	29
60) o-Xylene	9.966	91	428248	10.565	ppbv	98
61) Styrene	9.872	104	180052	9.839	ppbv	99
62) Isopropylbenzene	10.542	105	773742	10.564	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.966	83	273835	10.089	ppbv	99
64) n-propylbenzene	10.992	120	202414	10.438	ppbv	96
65) tert-Butylbenzene	11.532	119	664024	10.266	ppbv	97
66) Benzyl Chloride	11.620	91	66651	9.258	ppbv	98
67) sec-Butylbenzene	11.769	105	948023	10.327	ppbv	99
69) p-Isopropyltoluene	11.927	119	798570	10.237	ppbv	98
70) n-Butylbenzene	12.283	91	800217	10.410	ppbv	99
71) 2-Chlorotoluene	10.901	91	584421	10.461	ppbv	99
72) 4-Ethyltoluene	11.128	105	532971	10.693	ppbv	98
73) 1,3,5-Trimethylbenzene	11.205	105	438651	10.671	ppbv	93
74) 1,2,4-Trimethylbenzene	11.539	105	479281	10.419	ppbv	96
75) 1,3-Dichlorobenzene	11.610	146	291949	10.943	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	292491	10.872	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	275403	10.670	ppbv	98
78) Hexachloro-1,3-Butadiene	13.882	225	208179	10.417	ppbv	99
79) Naphthalene	13.516	128	486229	10.113	ppbv	99
80) Naphthalene,2-methyl-	14.462	142	137059	10.942	ppbv	96
81) 1,2,4-Trichlorobenzene	13.442	180	214527	10.750	ppbv	98

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

Quant Time: Nov 07 00:16:14 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

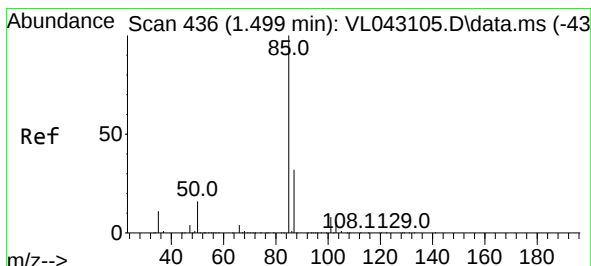
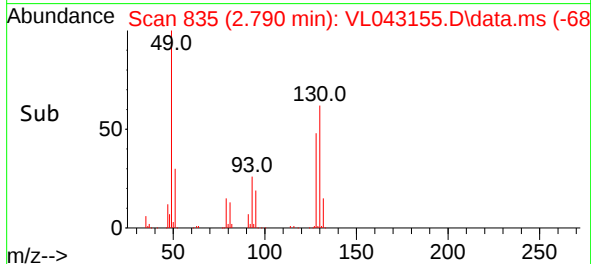
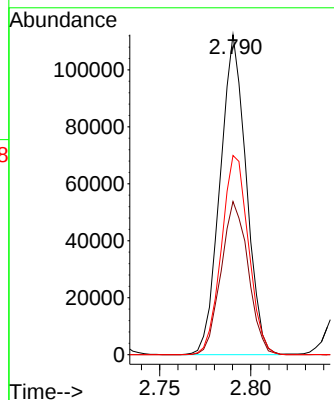
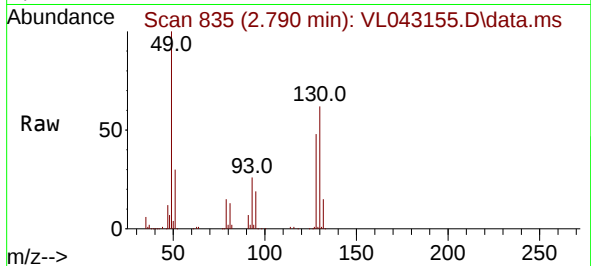




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

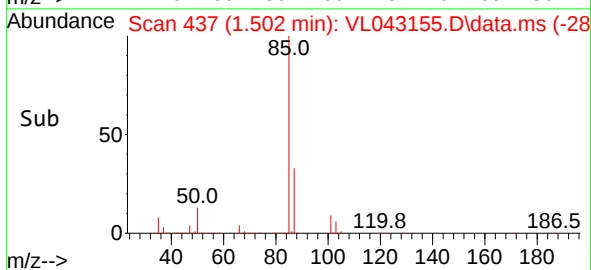
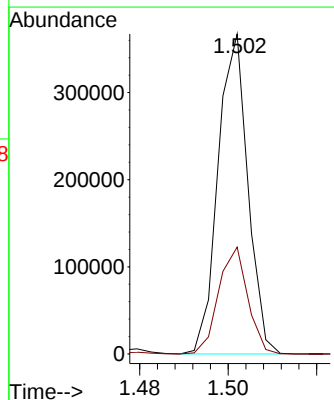
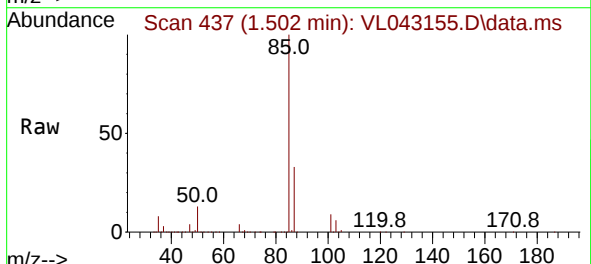
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

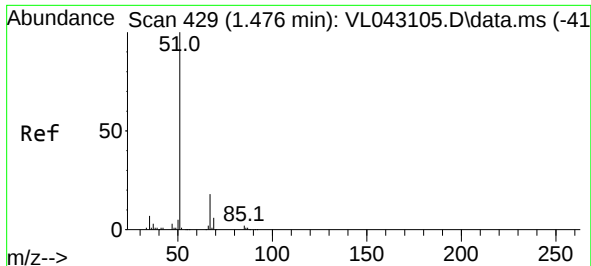
Tgt Ion: 49 Resp: 111679
Ion Ratio Lower Upper
49 100
128 49.7 24.4 73.4
130 64.6 31.0 93.0



#2
Dichlorodifluoromethane
Concen: 10.832 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion: 85 Resp: 171973
Ion Ratio Lower Upper
85 100
87 33.4 25.3 37.9

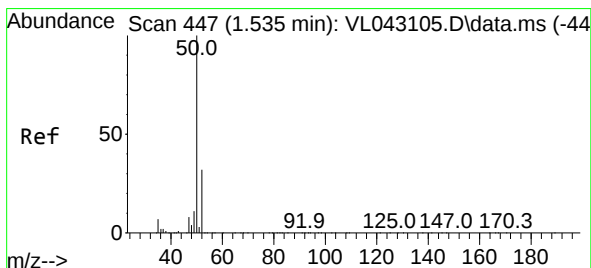
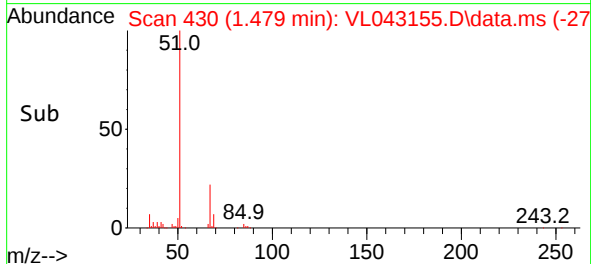
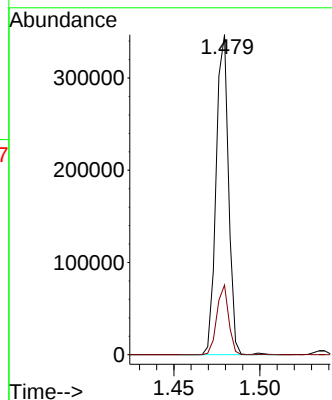
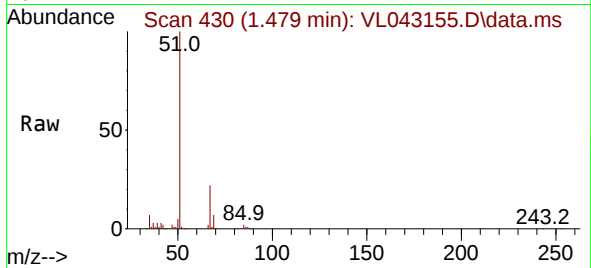




#3
Chlorodifluoromethane
Concen: 10.109 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

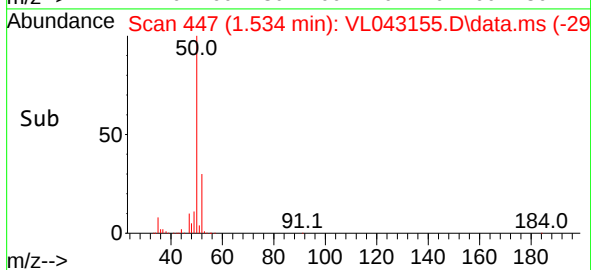
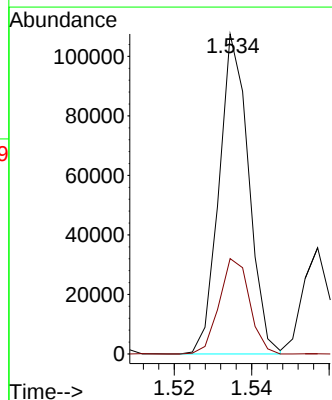
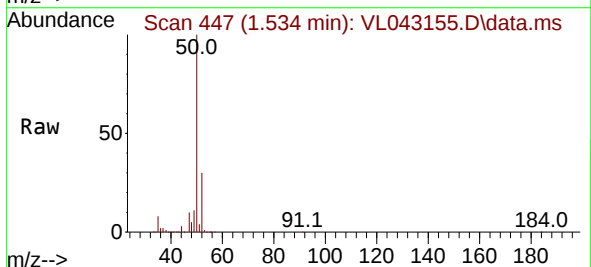
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

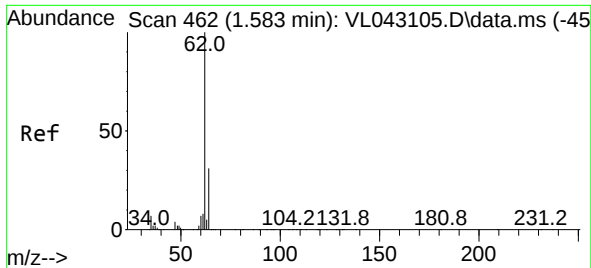
Tgt Ion: 51 Resp: 173652
Ion Ratio Lower Upper
51 100
67 20.7 15.1 22.7



#4
Chloromethane
Concen: 9.075 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion: 50 Resp: 57078
Ion Ratio Lower Upper
50 100
52 29.8 25.2 37.8

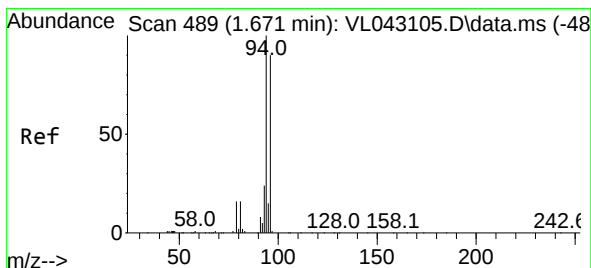
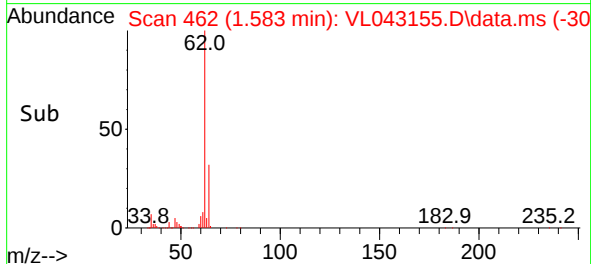
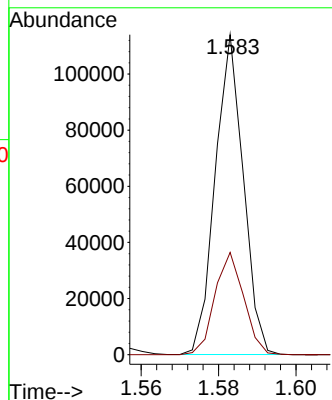
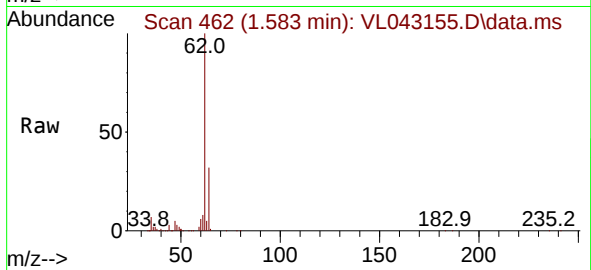




#5
 Vinyl Chloride
 Concen: 9.304 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

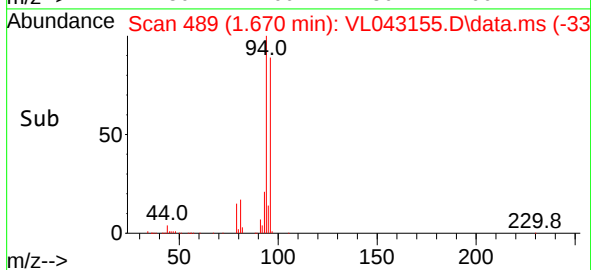
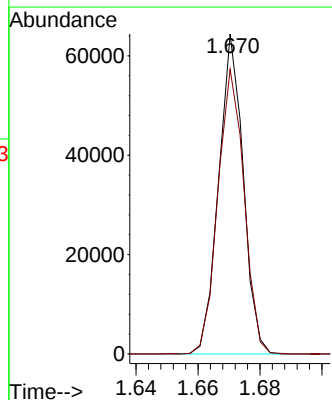
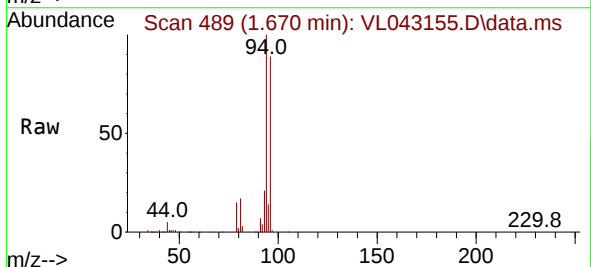
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

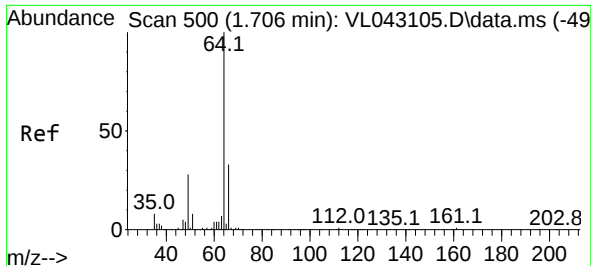
Tgt Ion: 62 Resp: 57398
 Ion Ratio Lower Upper
 62 100
 64 32.0 24.6 36.8



#6
 Bromomethane
 Concen: 10.482 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

Tgt Ion: 94 Resp: 35458
 Ion Ratio Lower Upper
 94 100
 96 89.0 72.2 108.4

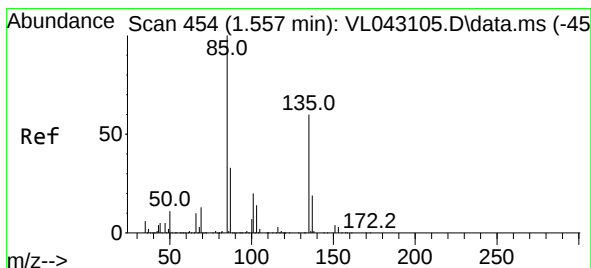
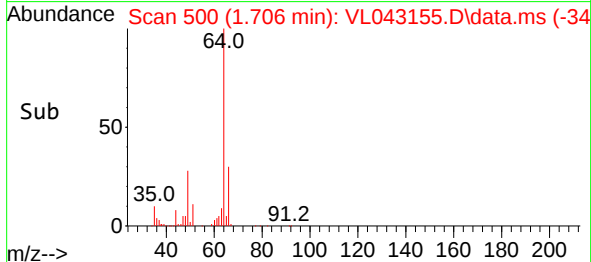
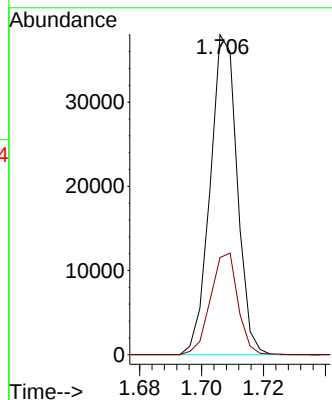
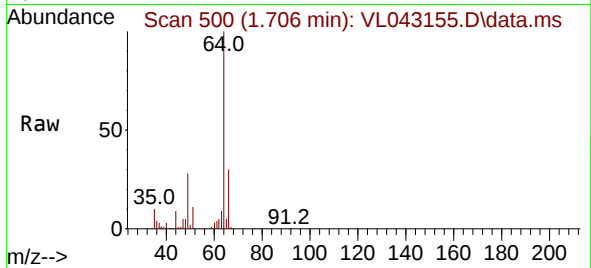




#7
Chloroethane
Concen: 9.123 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

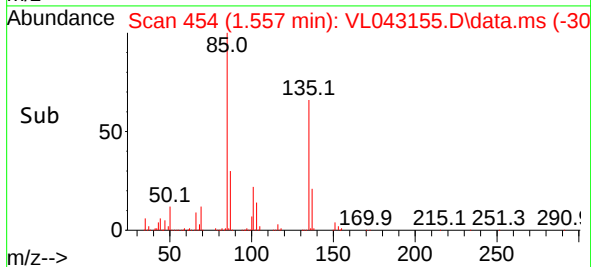
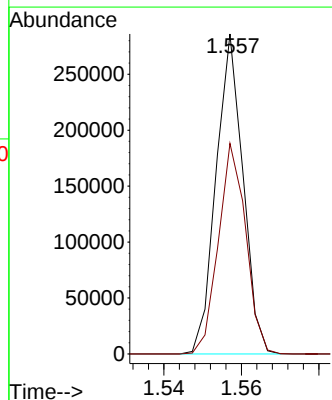
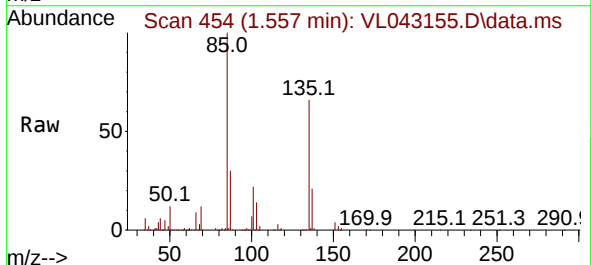
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

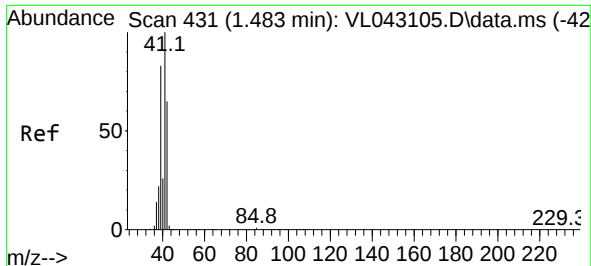
Tgt Ion: 64 Resp: 23010
Ion Ratio Lower Upper
64 100
66 30.4 26.0 39.0



#8
Dichlorotetrafluoroethane
Concen: 10.753 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion: 85 Resp: 137989
Ion Ratio Lower Upper
85 100
135 67.0 48.2 72.4





#9

Propene

Concen: 8.370 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Instrument :

MSVOA_L

ClientSampleId :

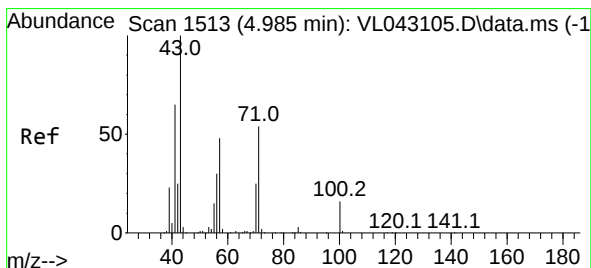
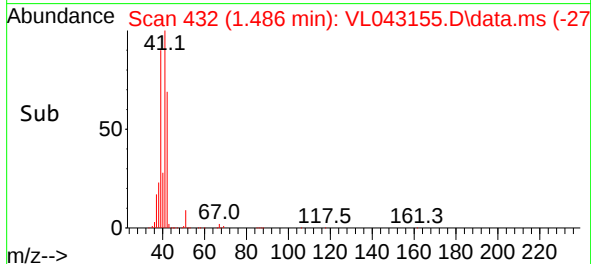
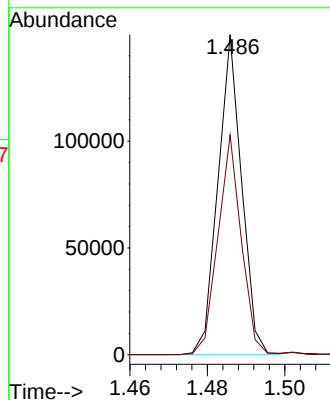
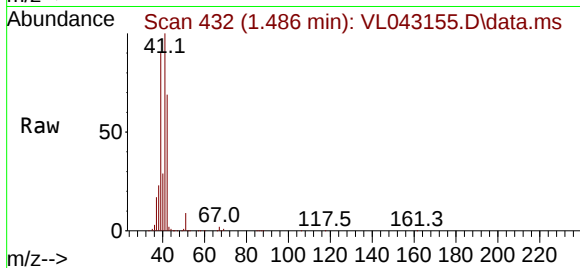
VSTDCCC010

Tgt Ion: 41 Resp: 63768

Ion Ratio Lower Upper

41 100

42 68.3 55.1 82.7



#10

Heptane

Concen: 8.579 ppbv

RT: 4.985 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VL043155.D

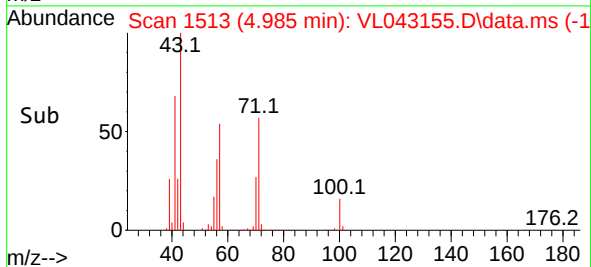
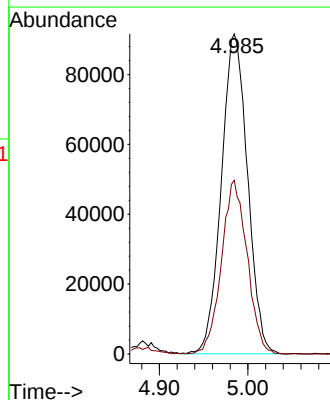
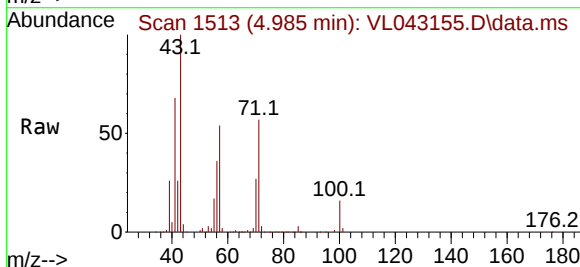
Acq: 06 Nov 2025 07:19

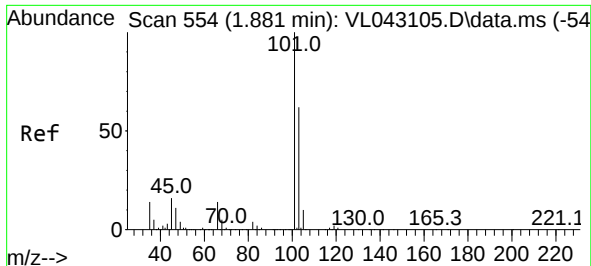
Tgt Ion: 43 Resp: 188172

Ion Ratio Lower Upper

43 100

57 53.2 40.8 61.2

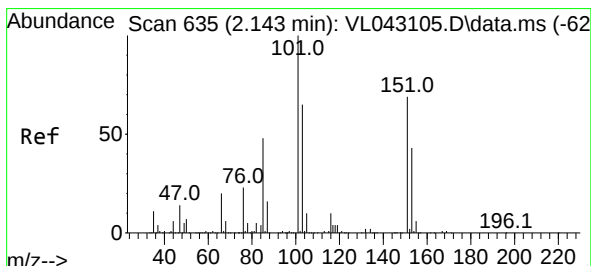
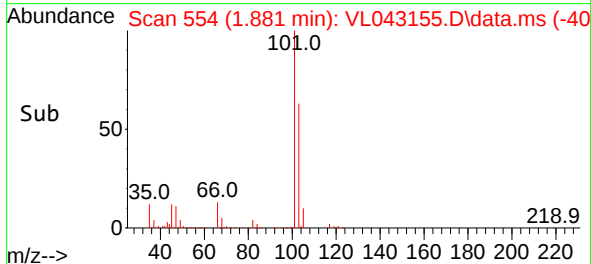
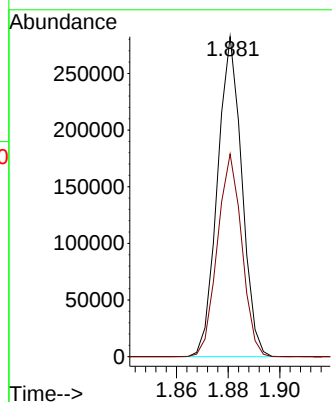
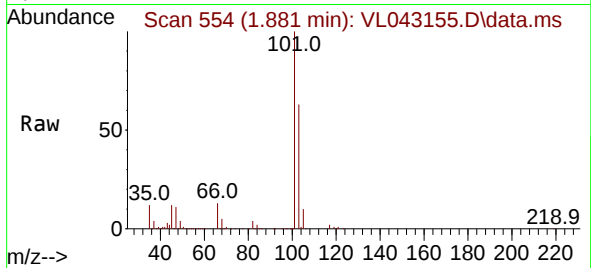




#11
Trichlorofluoromethane
Concen: 11.925 ppbv
RT: 1.881 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

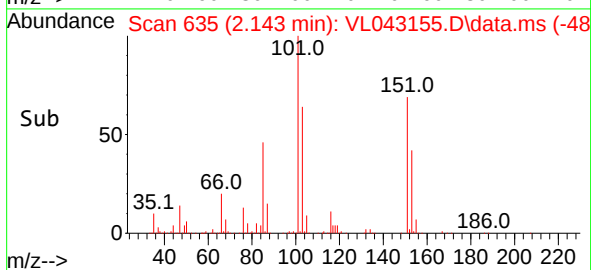
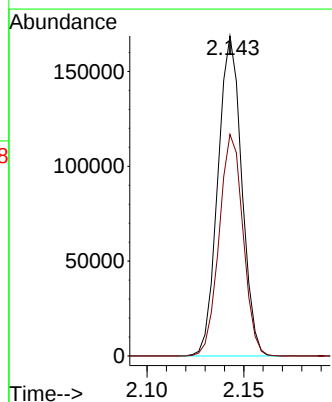
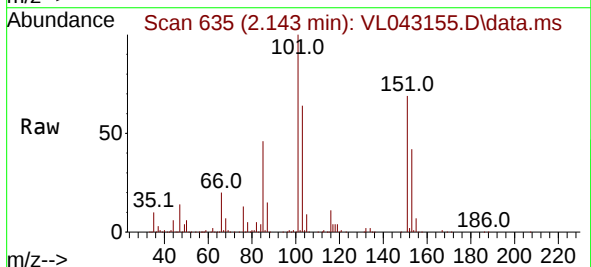
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

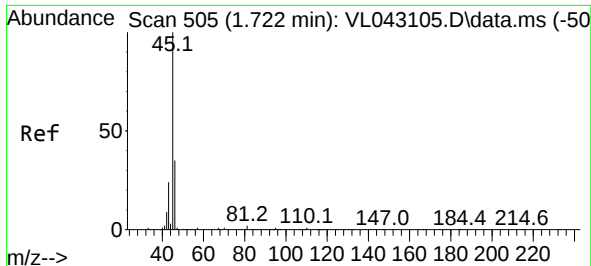
Tgt Ion:101 Resp: 185190
Ion Ratio Lower Upper
101 100
103 63.3 49.3 73.9



#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.519 ppbv
RT: 2.143 min Scan# 635
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion:101 Resp: 144020
Ion Ratio Lower Upper
101 100
151 69.5 54.7 82.1

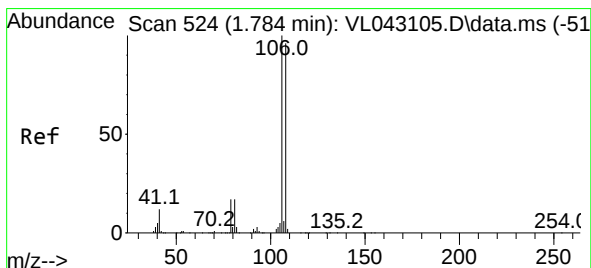
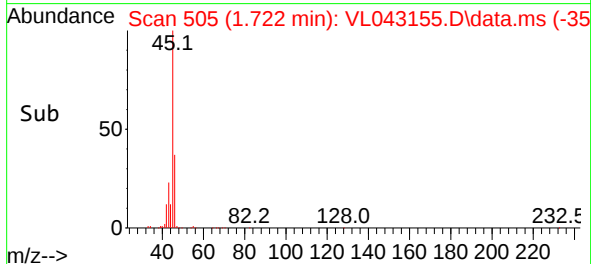
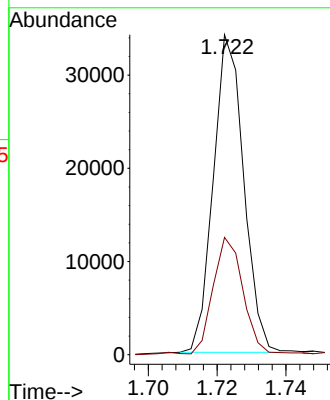
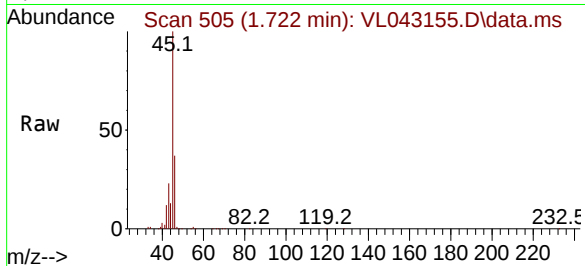




#13
Ethanol
Concen: 7.389 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

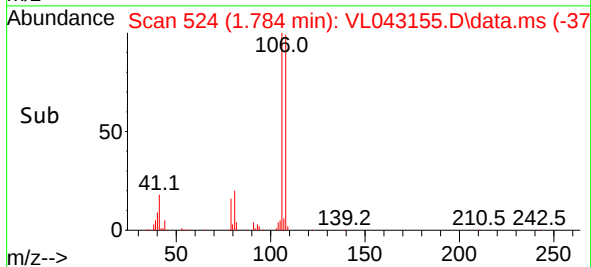
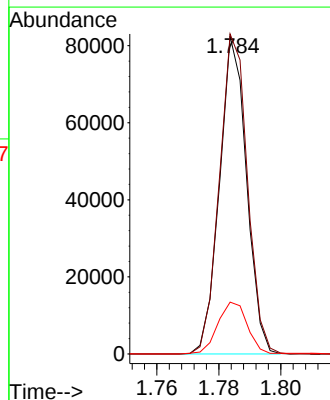
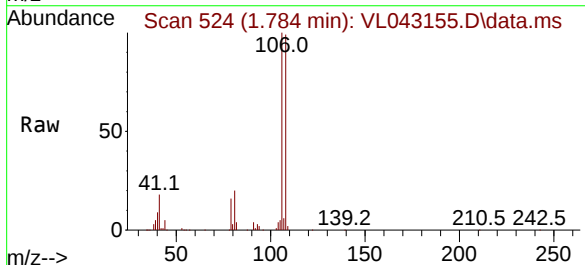
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

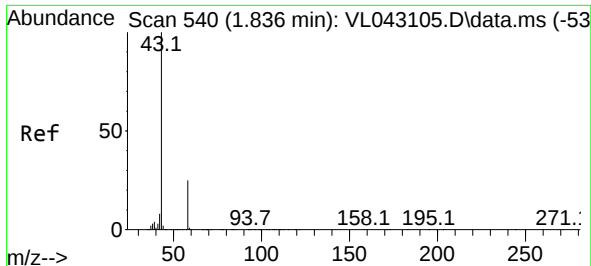
Tgt Ion: 45 Resp: 20822
Ion Ratio Lower Upper
45 100
46 38.0 14.7 58.9



#14
Bromoethene
Concen: 10.750 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion: 108 Resp: 49929
Ion Ratio Lower Upper
108 100
106 104.4 84.4 126.6
79 18.3 15.3 22.9

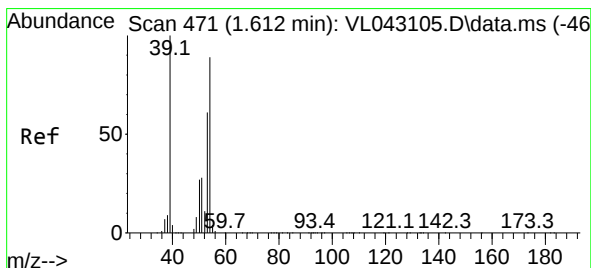
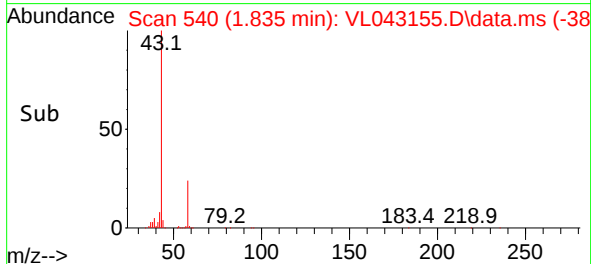
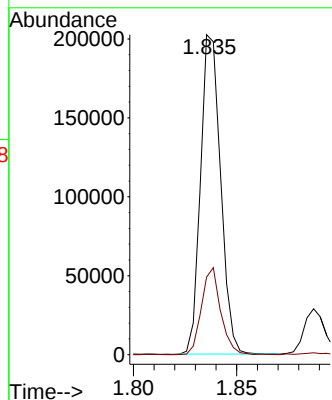
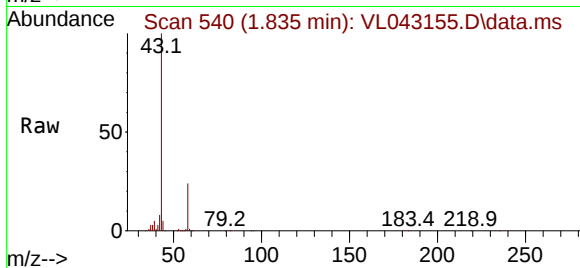




#15
Acetone
Concen: 9.072 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

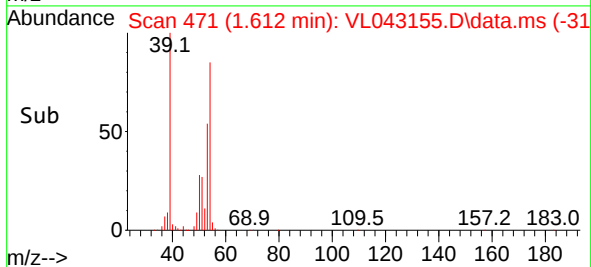
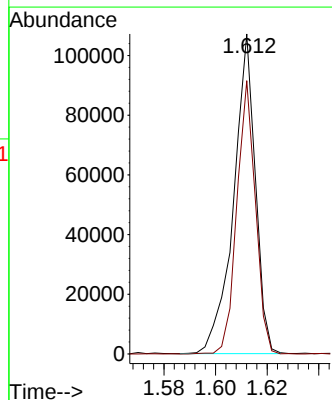
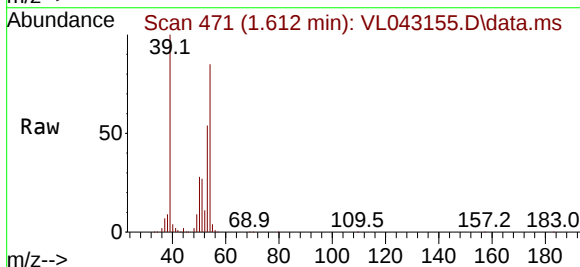
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

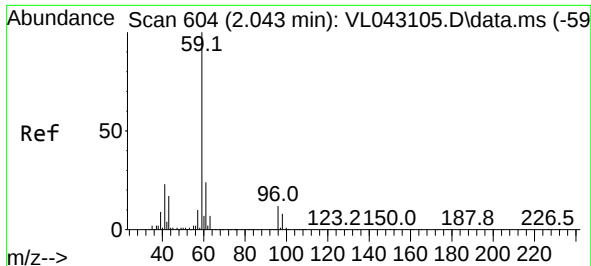
Tgt Ion: 43 Resp: 136553
Ion Ratio Lower Upper
43 100
58 26.2 20.8 31.2



#16
1,3-Butadiene
Concen: 8.785 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion: 39 Resp: 63019
Ion Ratio Lower Upper
39 100
54 72.9 59.0 88.4

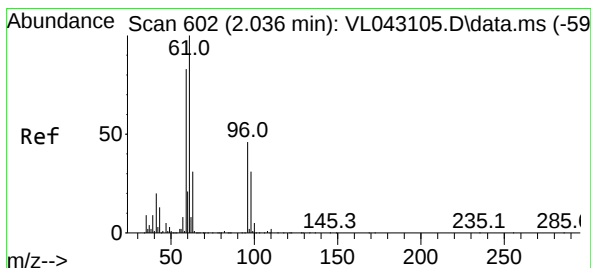
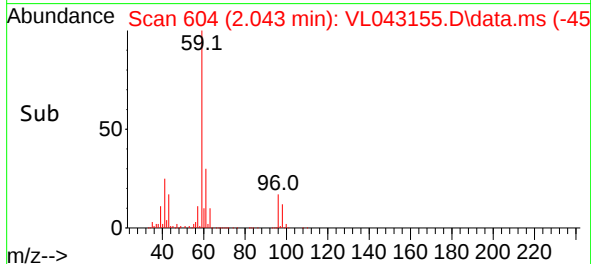
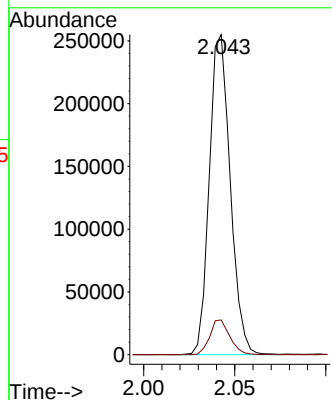
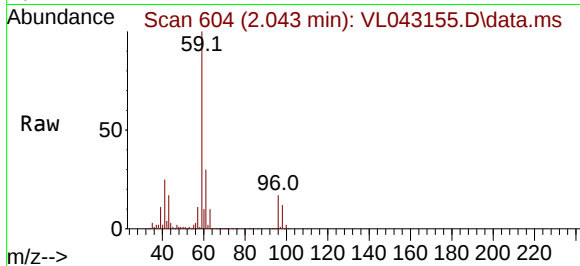




#17
tert-Butyl alcohol
Concen: 9.889 ppbv
RT: 2.043 min Scan# 604
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

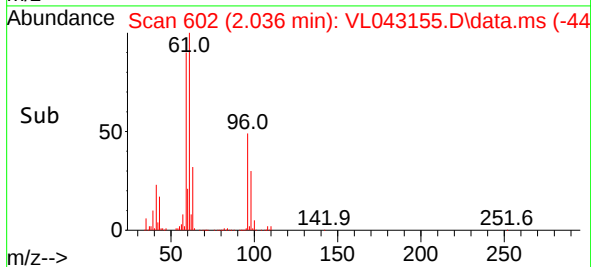
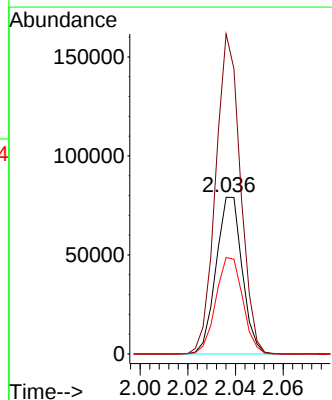
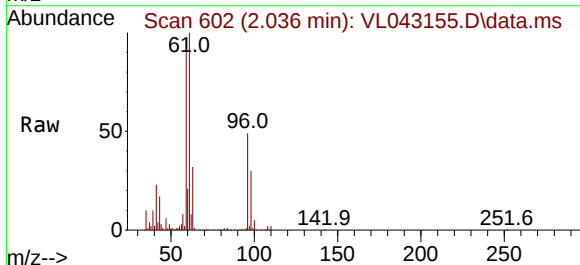
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

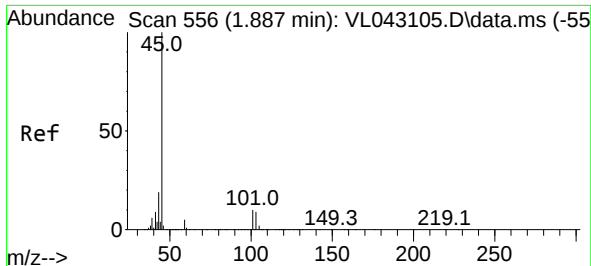
Tgt Ion: 59 Resp: 204329
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#18
1,1-Dichloroethene
Concen: 11.030 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion: 96 Resp: 60122
Ion Ratio Lower Upper
96 100
61 204.3 173.4 260.0
98 61.6 53.2 79.8





#19

Isopropyl Alcohol

Concen: 8.736 ppbv

RT: 1.887 min Scan# 51

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Instrument :

MSVOA_L

ClientSampleId :

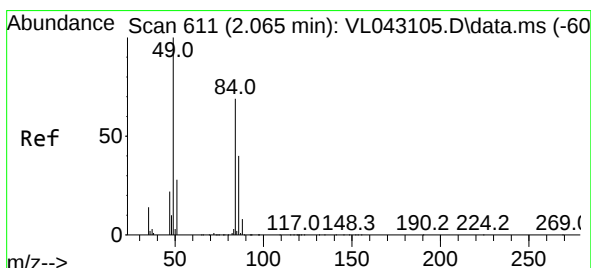
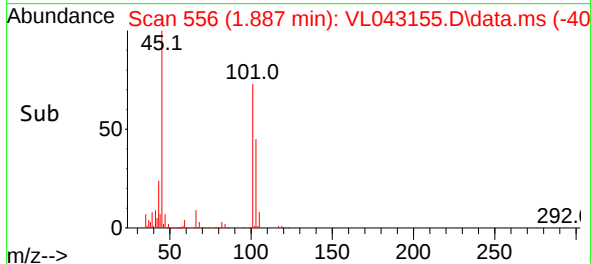
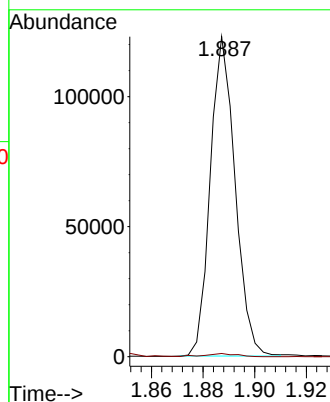
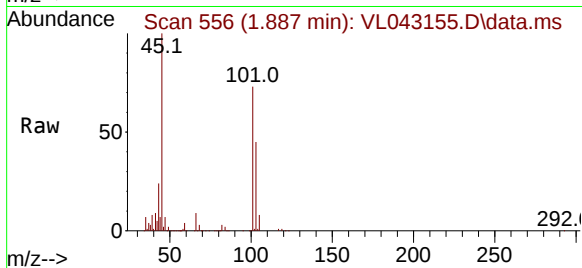
VSTDCCC010

Tgt Ion: 45 Resp: 81900

Ion Ratio Lower Upper

45 100

58 43.6 31.3 46.9



#20

Methylene Chloride

Concen: 8.774 ppbv

RT: 2.065 min Scan# 611

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Tgt Ion: 84 Resp: 52206

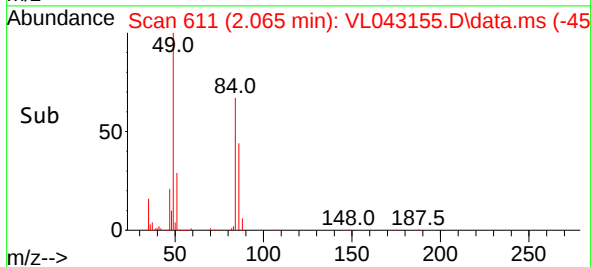
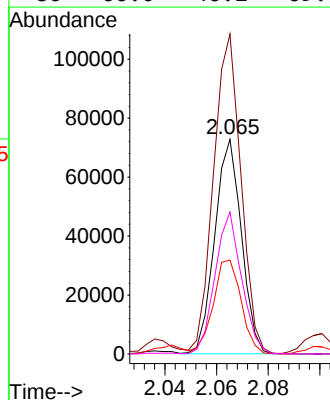
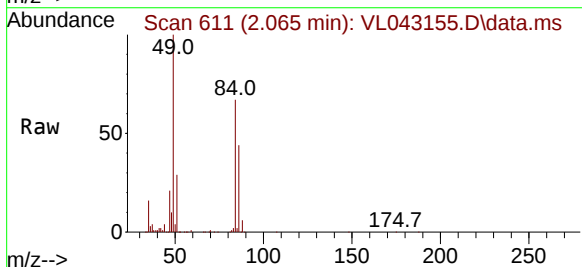
Ion Ratio Lower Upper

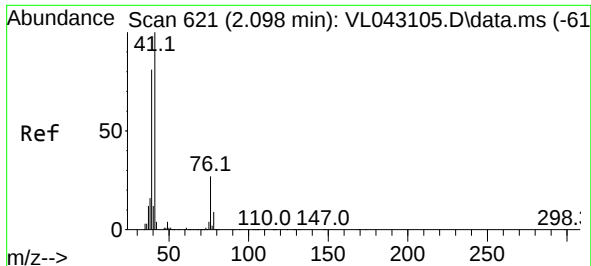
84 100

49 149.2 116.6 175.0

51 43.7 34.8 52.2

86 66.0 46.2 69.4

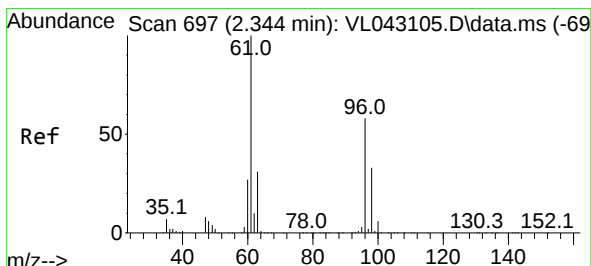
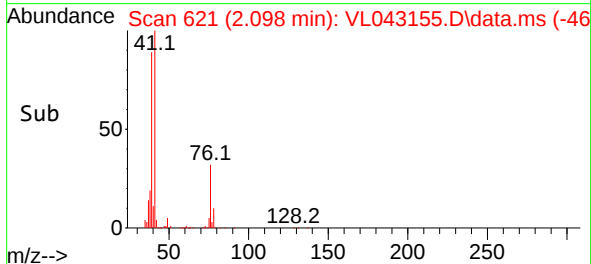
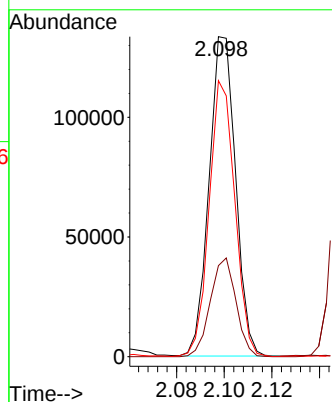
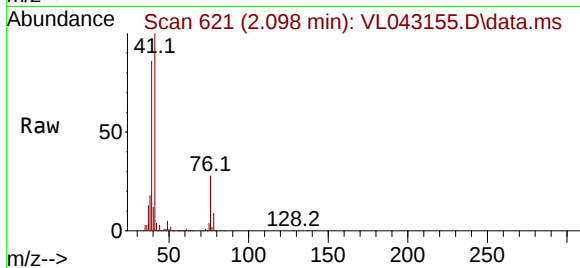




#21
 Allyl Chloride
 Concen: 9.309 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

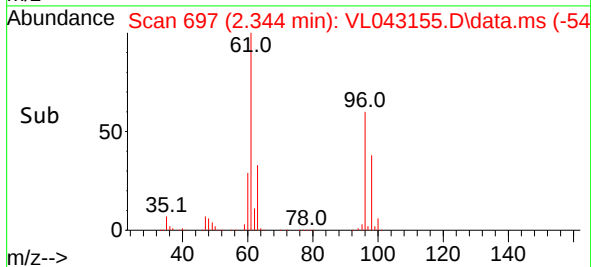
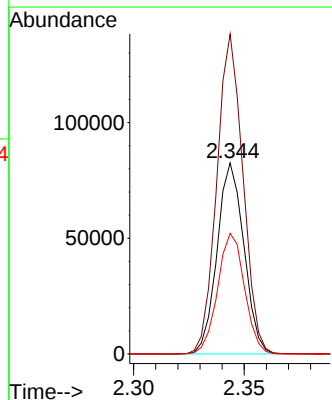
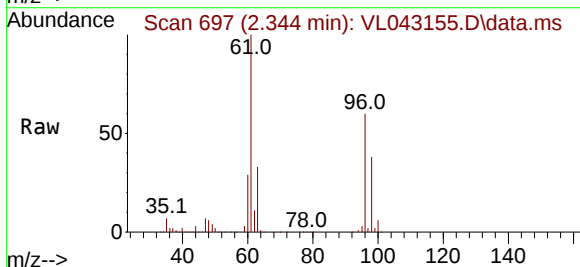
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

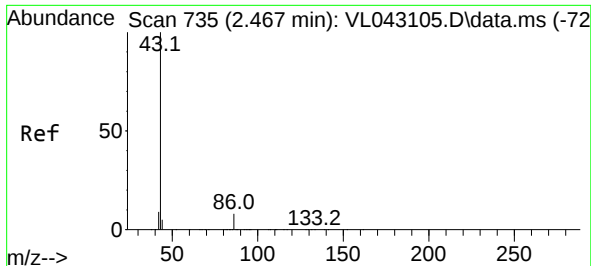
Tgt Ion: 41 Resp: 103255
 Ion Ratio Lower Upper
 41 100
 76 29.9 21.5 32.3
 39 83.3 60.8 91.2



#22
 trans-1,2-Dichloroethene
 Concen: 10.686 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

Tgt Ion: 96 Resp: 69627
 Ion Ratio Lower Upper
 96 100
 61 167.5 137.0 205.6
 98 63.2 45.5 68.3



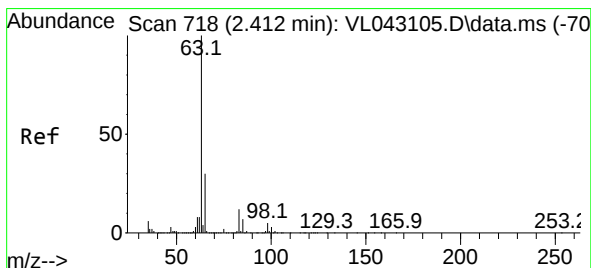
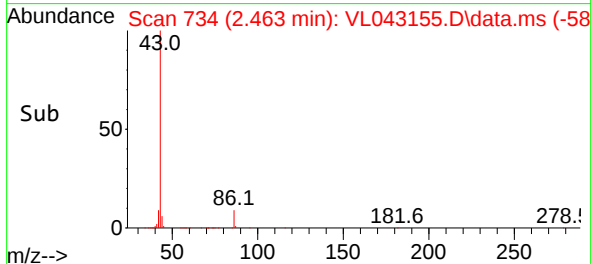
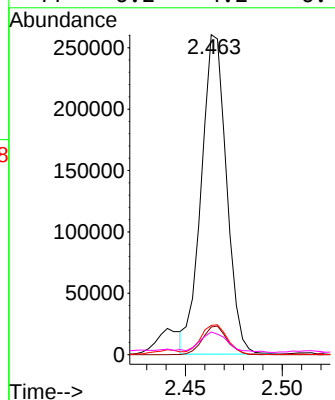
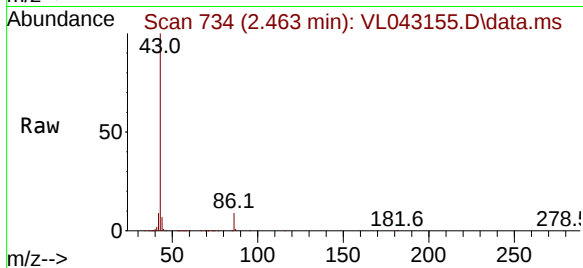


#23
 Vinyl Acetate
 Concen: 10.726 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 236500

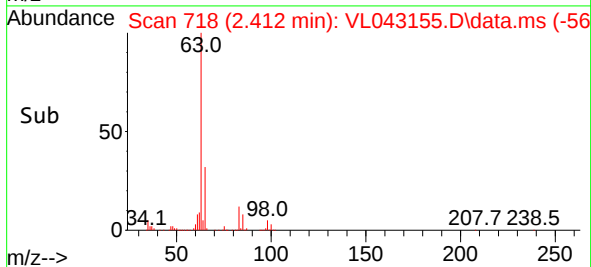
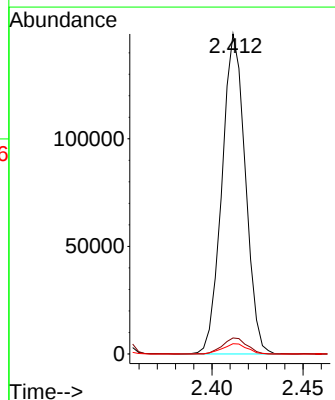
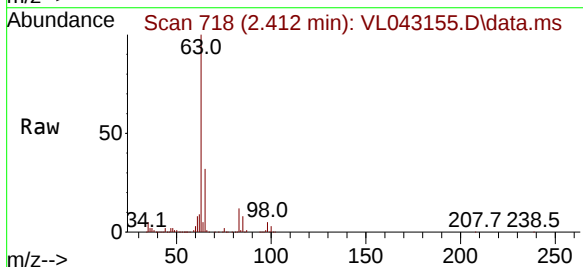
Ion	Ratio	Lower	Upper
43	100		
86	8.7	6.2	9.2
42	9.1	7.6	11.4
44	6.2	4.2	6.4

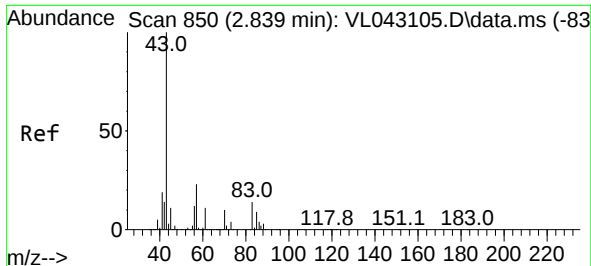


#24
 1,1-Dichloroethane
 Concen: 10.535 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

Tgt Ion: 63 Resp: 132624

Ion	Ratio	Lower	Upper
63	100		
98	5.0	2.6	7.8
100	3.2	1.5	4.4

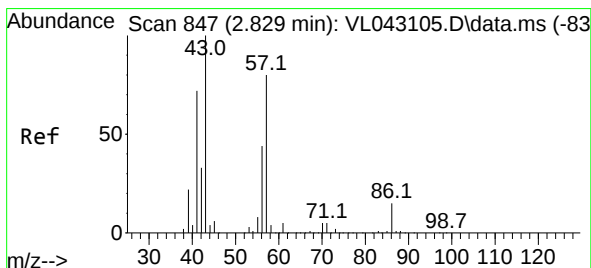
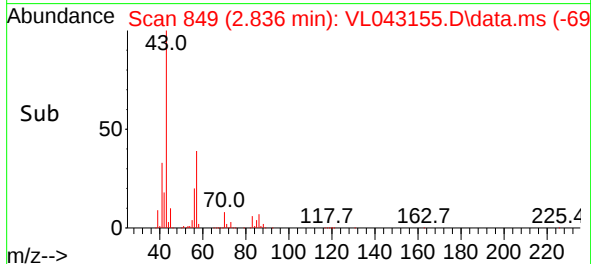
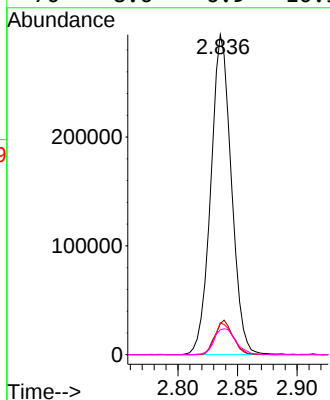
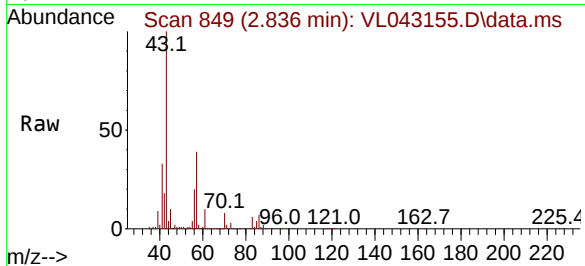




#25
Ethyl Acetate
Concen: 9.452 ppbv
RT: 2.836 min Scan# 847
Delta R.T. -0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

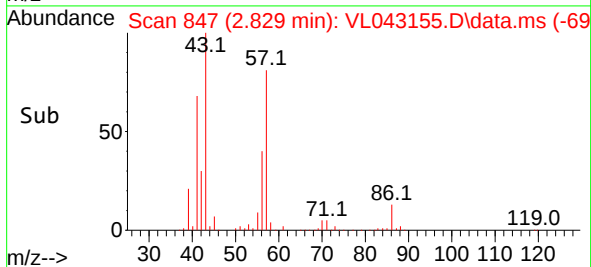
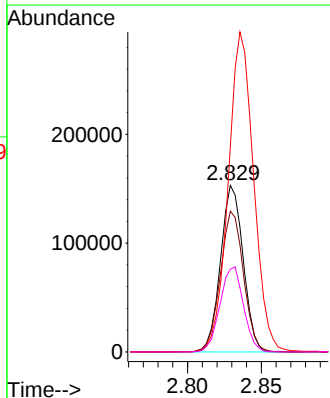
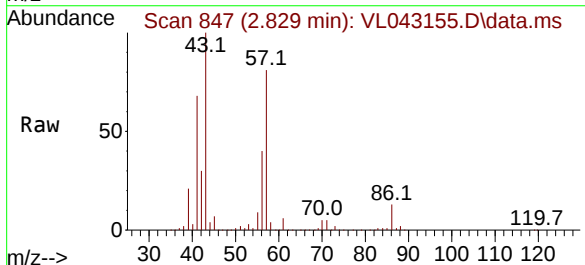
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

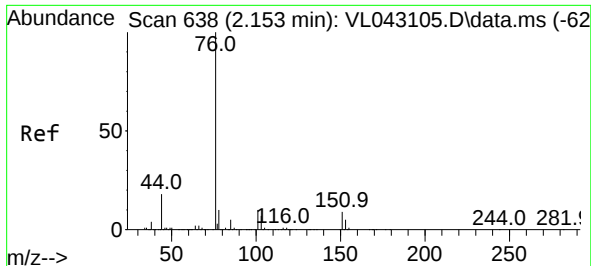
Tgt Ion:	43	Resp:	352821
Ion	Ratio	Lower	Upper
43	100		
45	9.4	7.8	11.8
61	9.0	7.0	10.6
70	8.6	6.9	10.3



#26
Hexane
Concen: 9.508 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion:	57	Resp:	163545
Ion	Ratio	Lower	Upper
57	100		
41	87.0	71.4	107.0
43	216.3	178.5	267.7
56	52.9	42.2	63.4

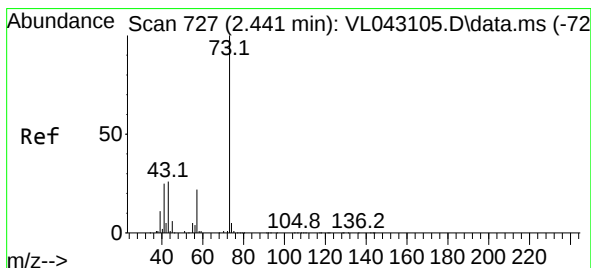
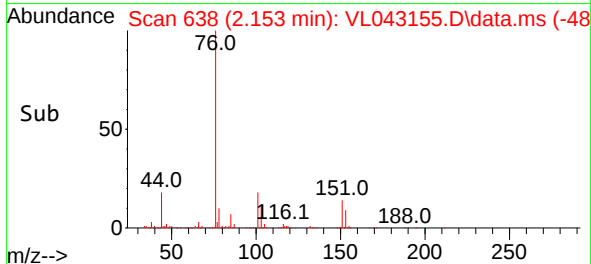
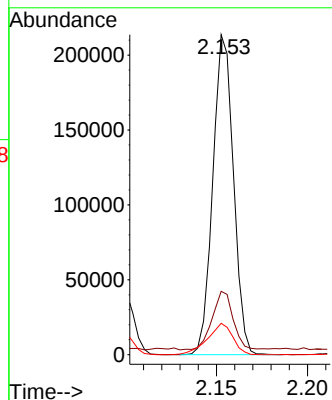
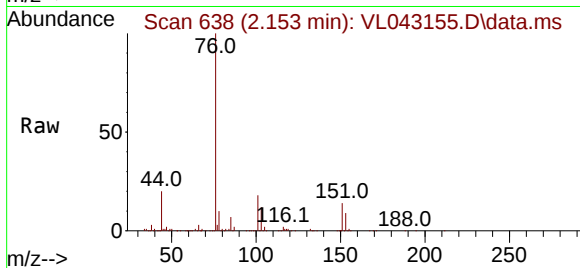




#27
Carbon Disulfide
Concen: 10.684 ppbv
RT: 2.153 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

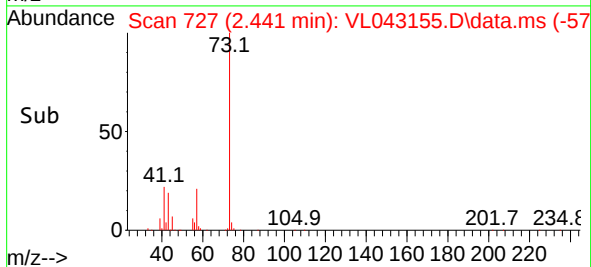
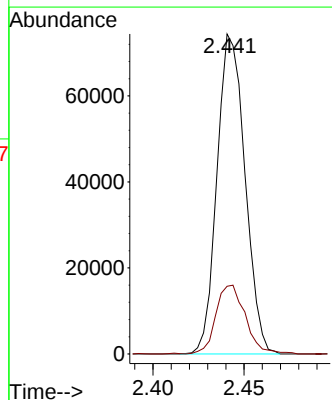
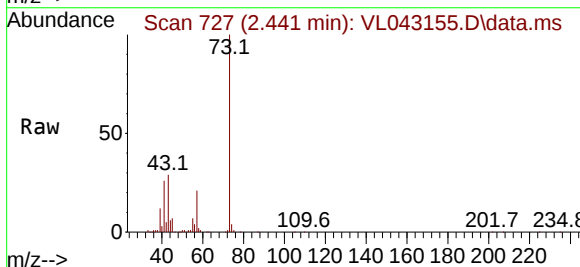
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

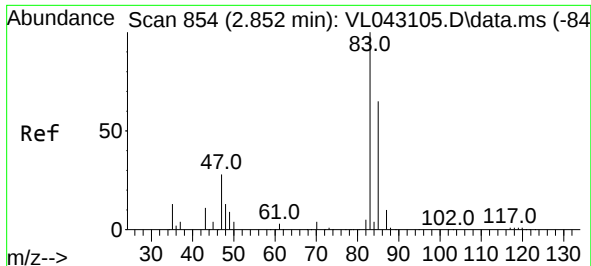
Tgt Ion: 76 Resp: 168378
Ion Ratio Lower Upper
76 100
44 19.4 16.7 25.1
78 12.0 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 10.158 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion: 73 Resp: 79492
Ion Ratio Lower Upper
73 100
57 22.8 20.5 30.7





#29

Chloroform

Concen: 10.919 ppbv

RT: 2.852 min Scan# 854

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Instrument :

MSVOA_L

ClientSampleId :

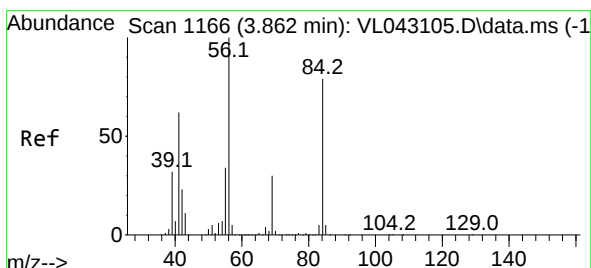
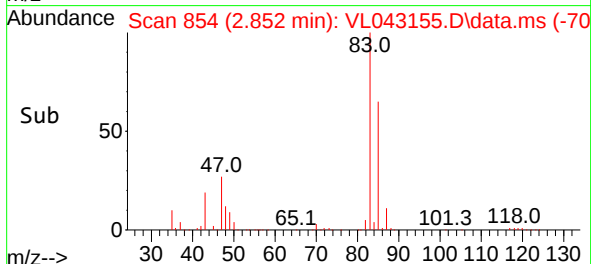
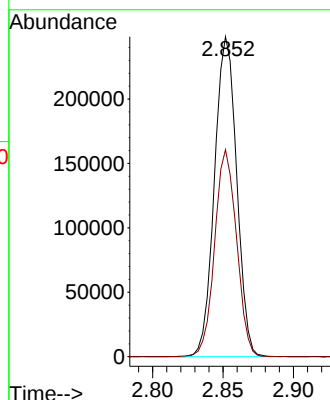
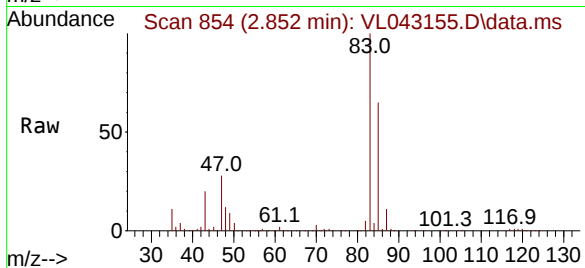
VSTDCCC010

Tgt Ion: 83 Resp: 272134

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6



#30

Cyclohexane

Concen: 9.341 ppbv

RT: 3.862 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

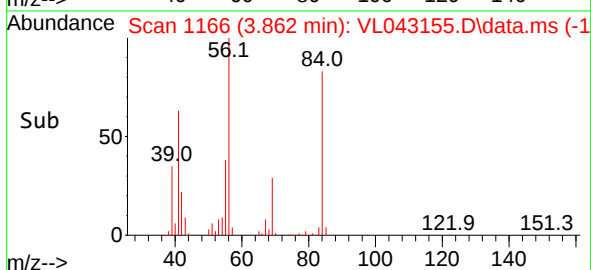
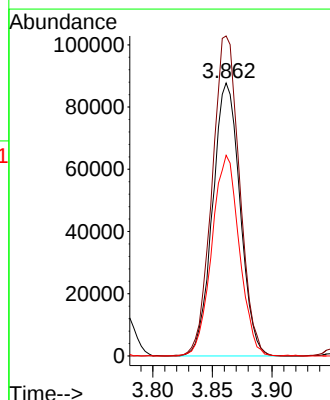
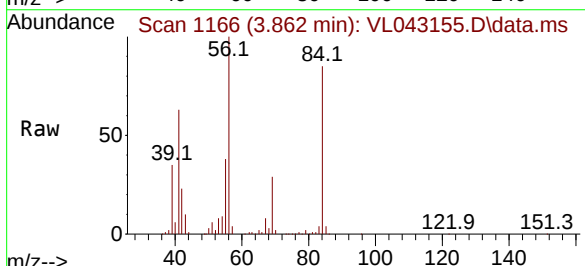
Tgt Ion: 84 Resp: 140232

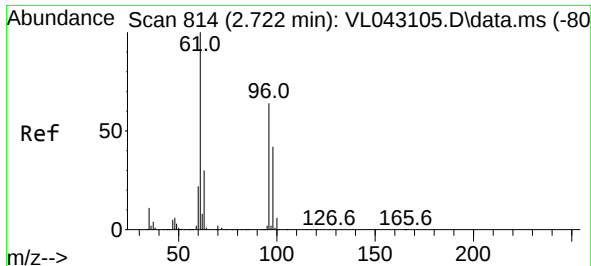
Ion Ratio Lower Upper

84 100

56 117.5 100.9 151.3

41 73.7 63.8 95.6

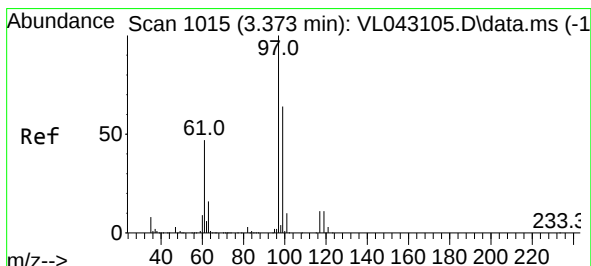
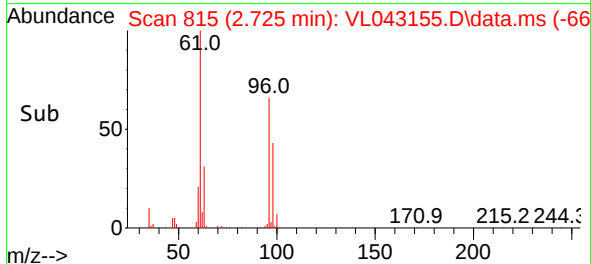
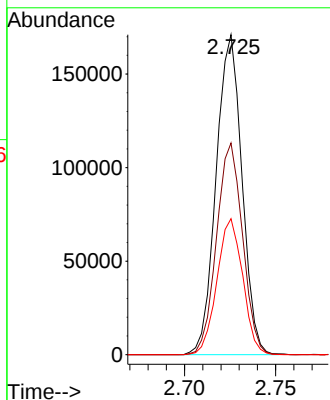
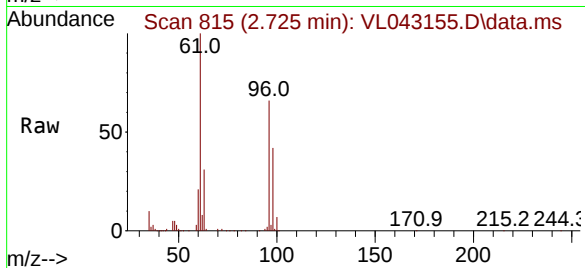




#31
 cis-1,2-Dichloroethene
 Concen: 10.263 ppbv
 RT: 2.725 min Scan# 814
 Delta R.T. 0.003 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

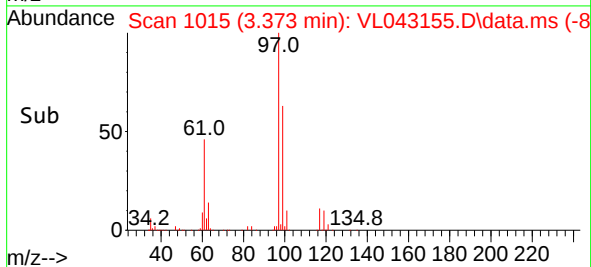
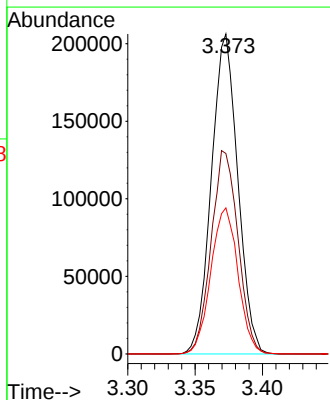
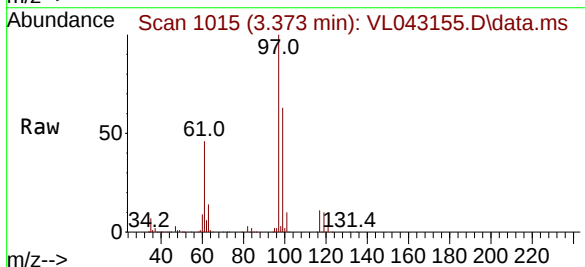
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

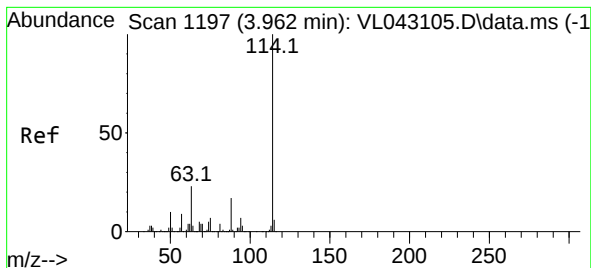
Tgt Ion: 61 Resp: 168571
 Ion Ratio Lower Upper
 61 100
 96 66.1 51.0 76.6
 98 42.5 33.5 50.3



#32
 1,1,1-Trichloroethane
 Concen: 10.844 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

Tgt Ion: 97 Resp: 281440
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.3 76.9
 61 47.1 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: VL043155.D

Acq: 06 Nov 2025 07:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

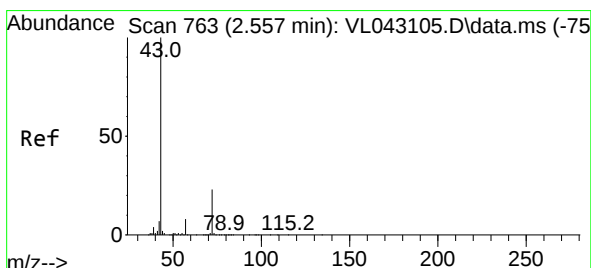
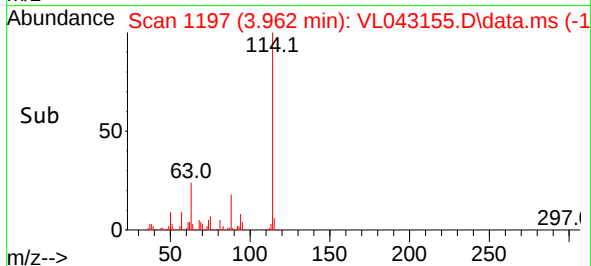
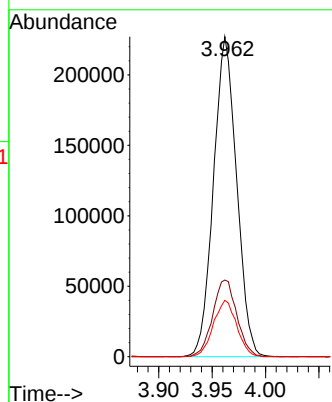
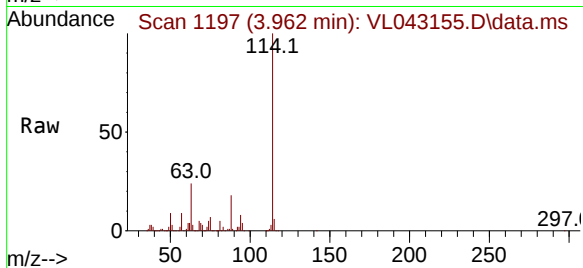
Tgt Ion:114 Resp: 341877

Ion Ratio Lower Upper

114 100

63 25.1 19.3 28.9

88 17.8 13.9 20.9



#34

2-Butanone

Concen: 10.242 ppbv

RT: 2.557 min Scan# 763

Delta R.T. -0.000 min

Lab File: VL043155.D

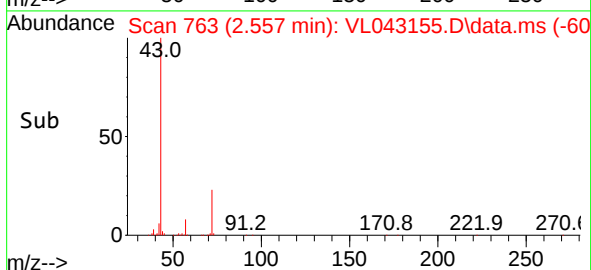
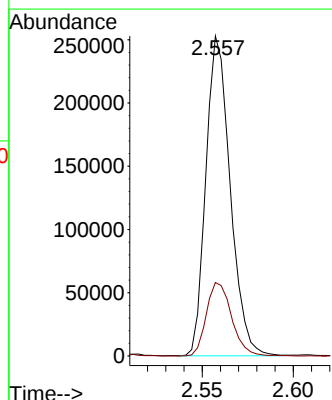
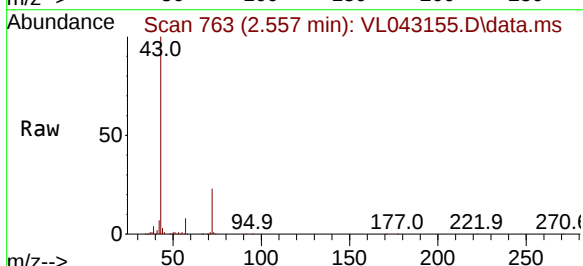
Acq: 06 Nov 2025 07:19

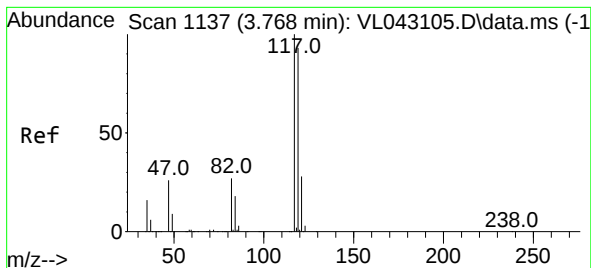
Tgt Ion: 43 Resp: 235359

Ion Ratio Lower Upper

43 100

72 23.8 18.4 27.6





#35

Carbon Tetrachloride

Concen: 11.845 ppbv

RT: 3.768 min Scan# 1137

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

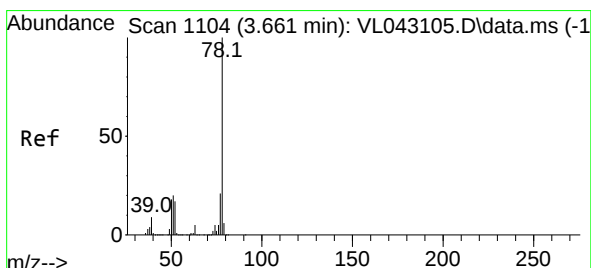
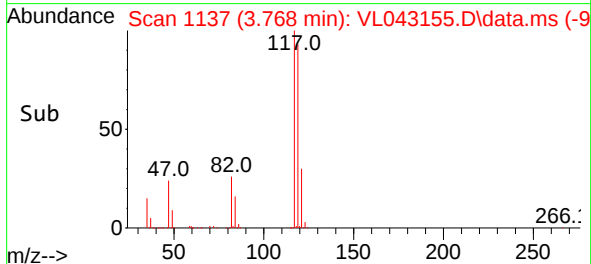
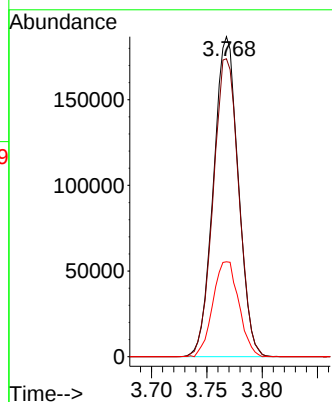
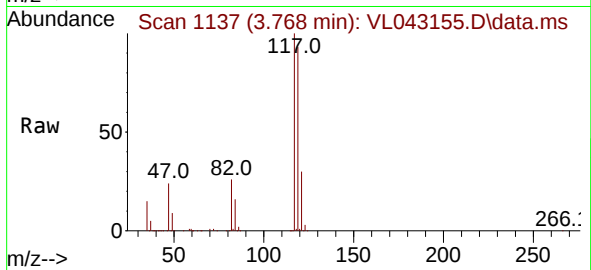
Tgt Ion:117 Resp: 291148

Ion Ratio Lower Upper

117 100

119 93.1 74.1 111.1

121 29.6 22.2 33.2



#36

Benzene

Concen: 10.148 ppbv

RT: 3.661 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

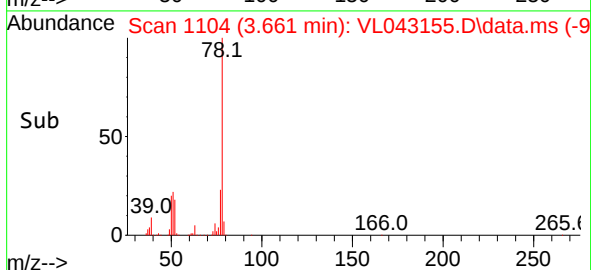
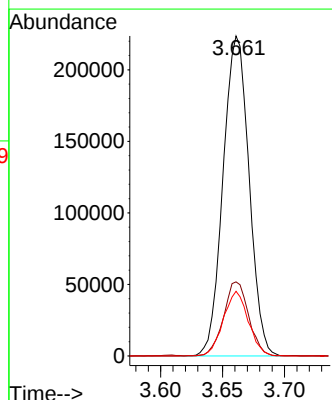
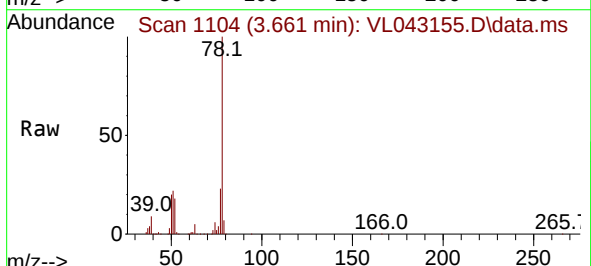
Tgt Ion: 78 Resp: 326769

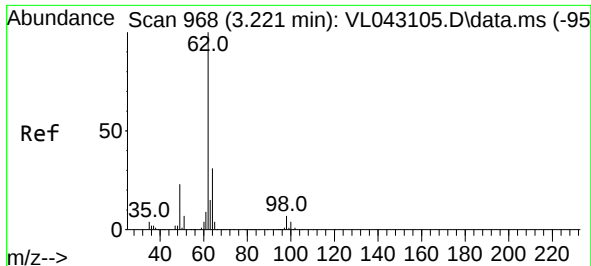
Ion Ratio Lower Upper

78 100

77 23.0 17.0 25.6

50 20.2 14.6 22.0

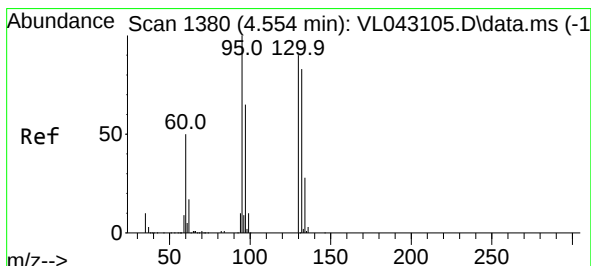
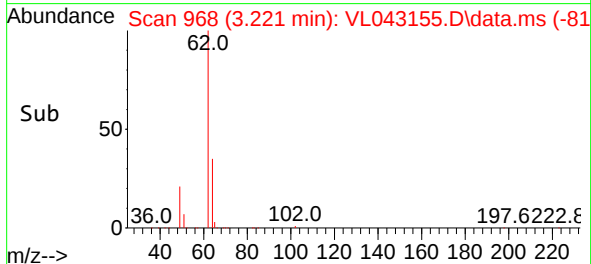
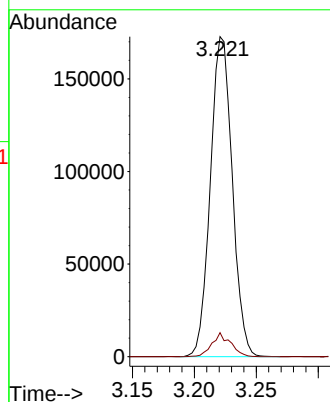
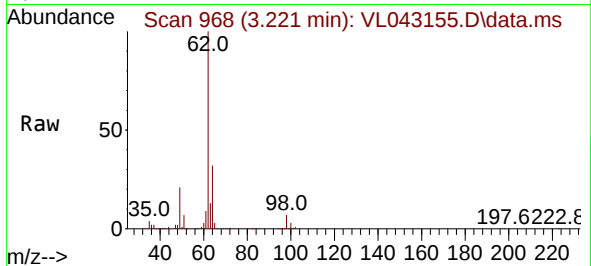




#37
1,2-Dichloroethane
Concen: 11.493 ppbv
RT: 3.221 min Scan# 90
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

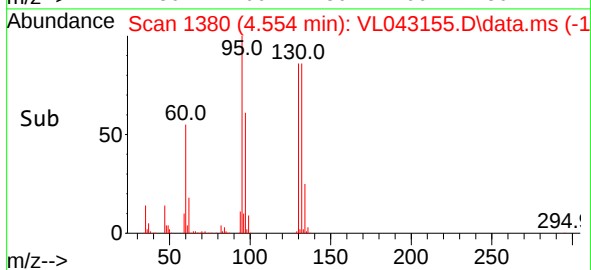
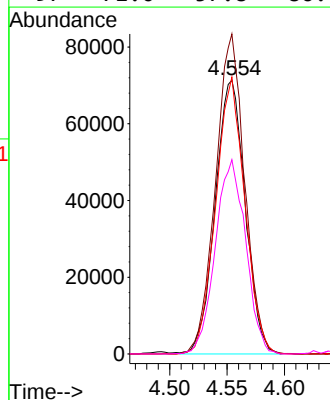
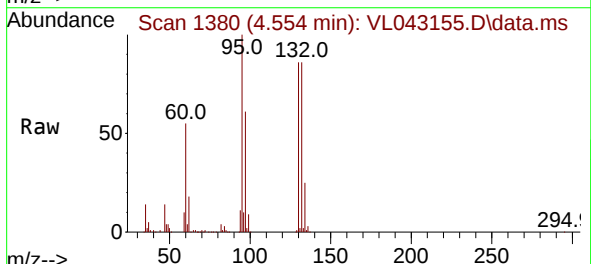
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

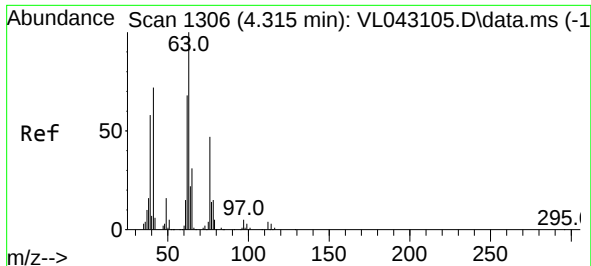
Tgt Ion: 62 Resp: 213185
Ion Ratio Lower Upper
62 100
98 6.4 5.8 8.6



#38
Trichloroethene
Concen: 9.635 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion:130 Resp: 129566
Ion Ratio Lower Upper
130 100
95 116.7 88.6 133.0
132 101.0 73.4 110.0
97 71.0 57.8 86.6





#39

1,2-Dichloropropane

Concen: 9.950 ppbv

RT: 4.318 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

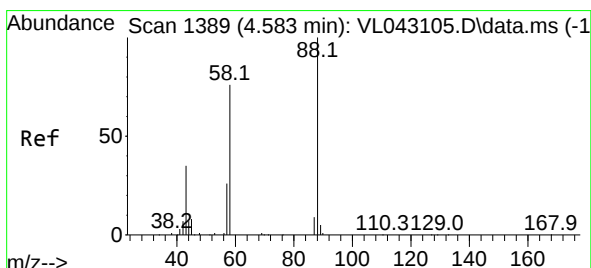
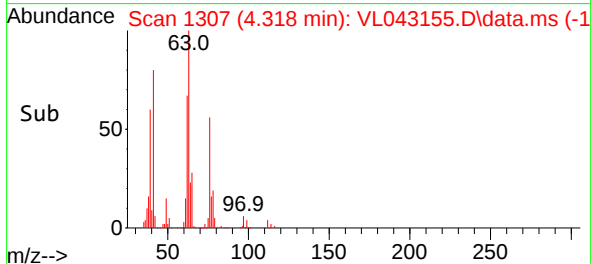
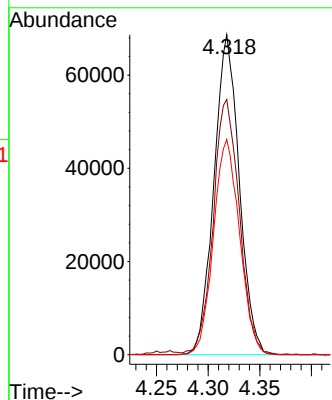
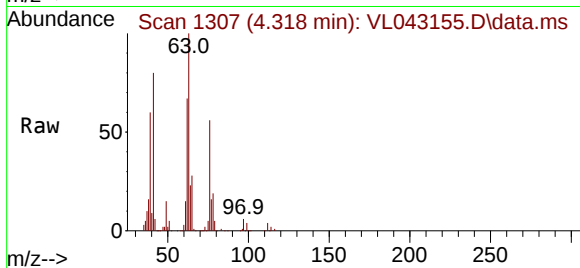
Tgt Ion: 63 Resp: 117127

Ion Ratio Lower Upper

63 100

41 79.6 58.0 87.0

62 67.3 54.7 82.1



#40

1,4-Dioxane

Concen: 9.574 ppbv

RT: 4.580 min Scan# 1388

Delta R.T. -0.003 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Tgt Ion: 88 Resp: 50431

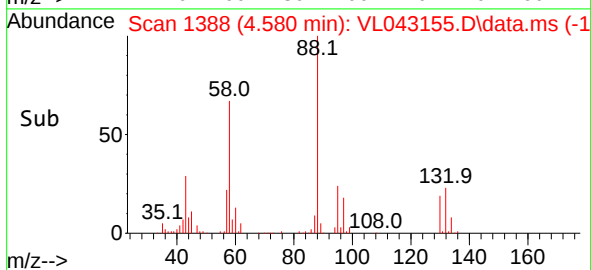
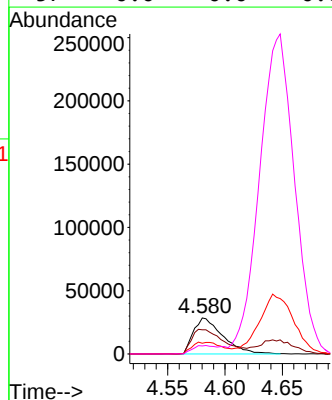
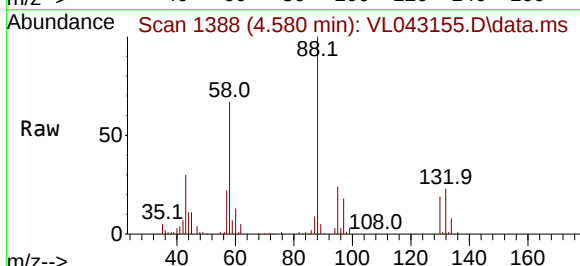
Ion Ratio Lower Upper

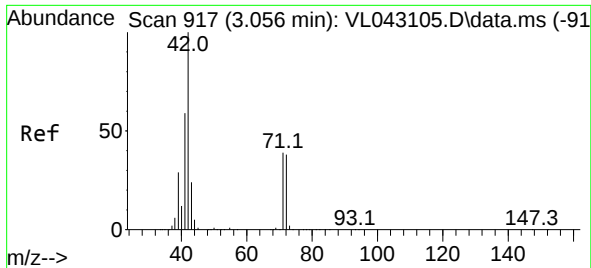
88 100

58 75.0 61.1 91.7

43 35.7 24.0 36.0

57 0.0 0.0 0.0

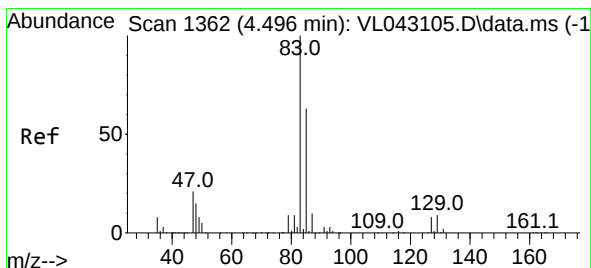
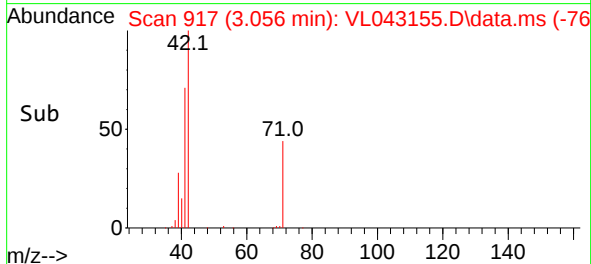
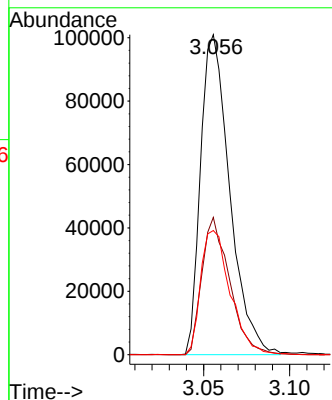
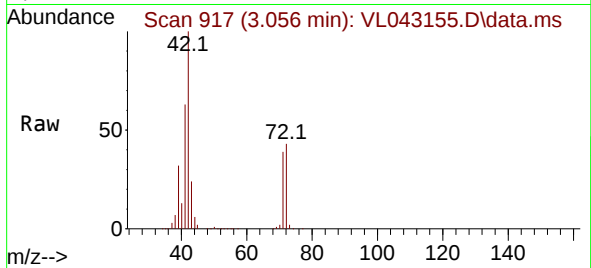




#41
Tetrahydrofuran
Concen: 9.267 ppbv
RT: 3.056 min Scan# 917
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

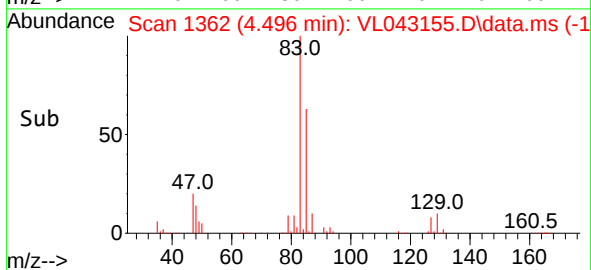
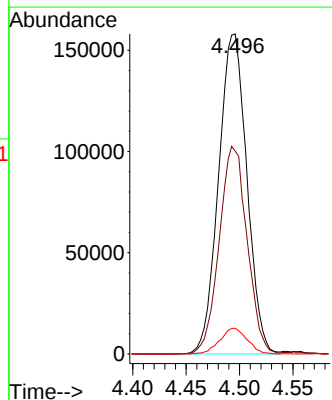
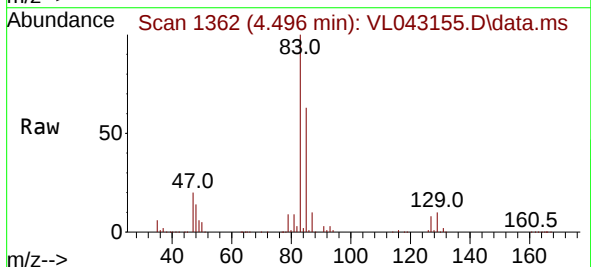
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 119118
Ion Ratio Lower Upper
42 100
72 40.9 31.3 46.9
71 39.4 30.4 45.6



#42
Bromodichloromethane
Concen: 11.359 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion: 83 Resp: 291618
Ion Ratio Lower Upper
83 100
85 63.4 50.6 75.8
127 8.1 6.3 9.5

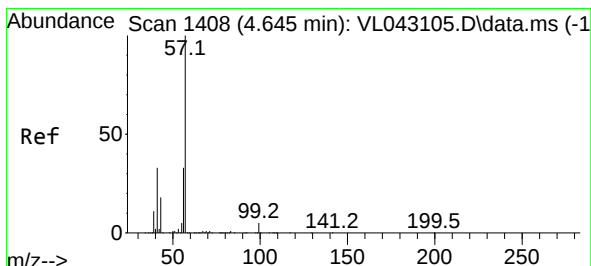
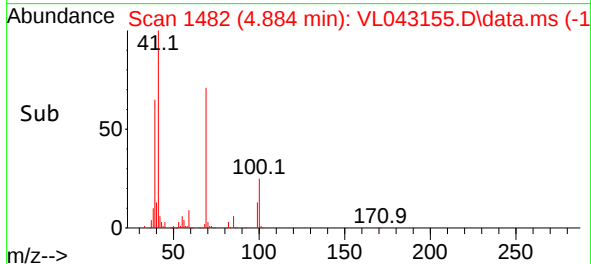
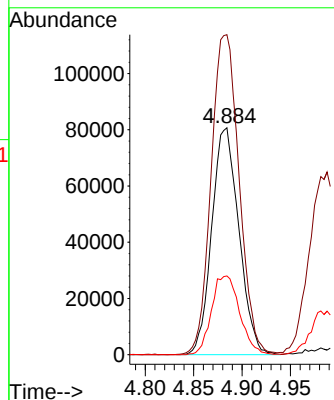
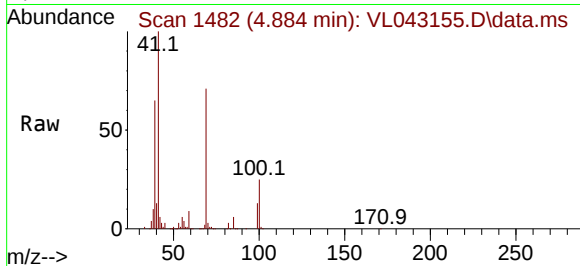




#43
Methyl Methacrylate
Concen: 9.624 ppbv
RT: 4.884 min Scan# 1481
Delta R.T. 0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

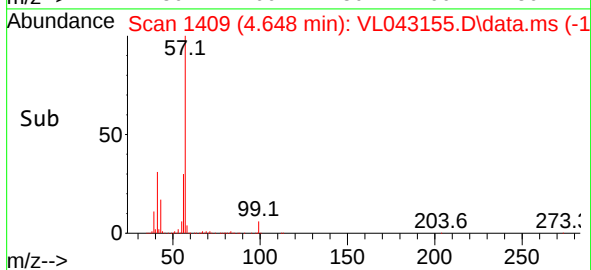
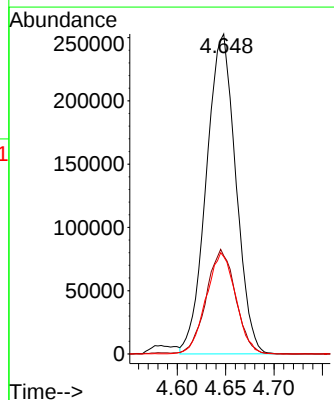
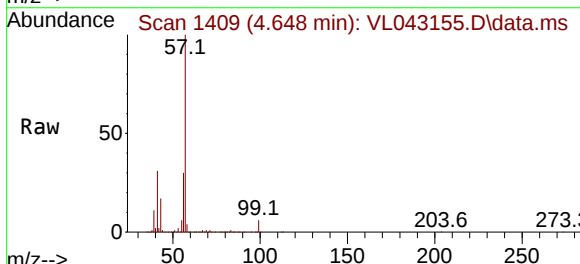
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

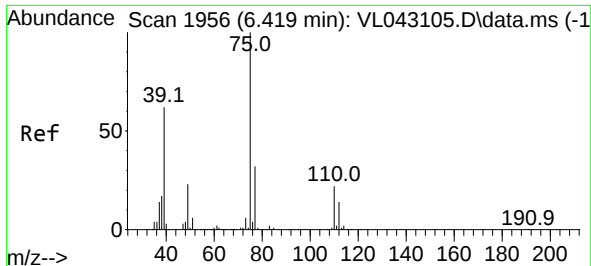
Tgt Ion: 69 Resp: 157399
Ion Ratio Lower Upper
69 100
41 145.6 120.5 180.7
100 36.0 29.0 43.4



#44
2,2,4-Trimethylpentane
Concen: 9.853 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. 0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion: 57 Resp: 535251
Ion Ratio Lower Upper
57 100
41 32.9 26.3 39.5
56 31.7 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 10.243 ppbv

RT: 6.418 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Instrument :

MSVOA_L

ClientSampleId :

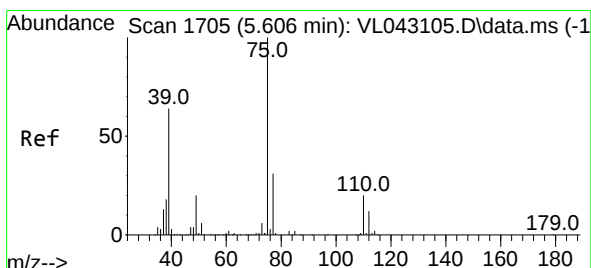
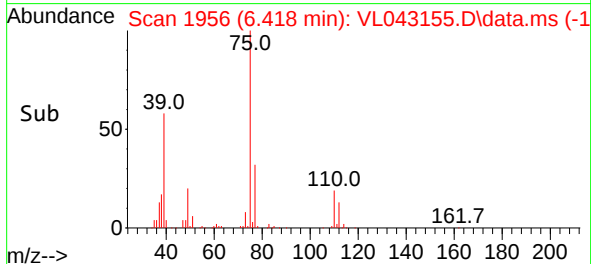
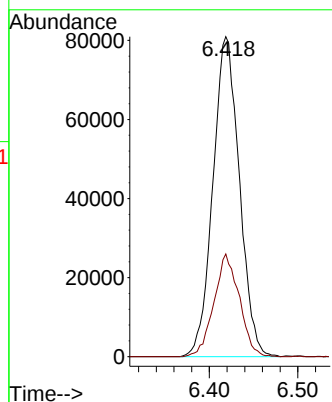
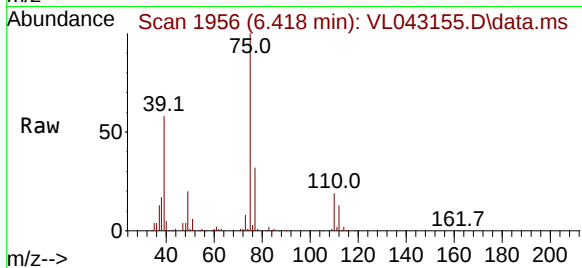
VSTDCCC010

Tgt Ion: 75 Resp: 168113

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2



#46

cis-1,3-Dichloropropene

Concen: 10.086 ppbv

RT: 5.606 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

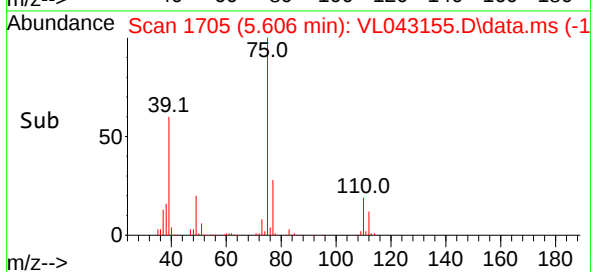
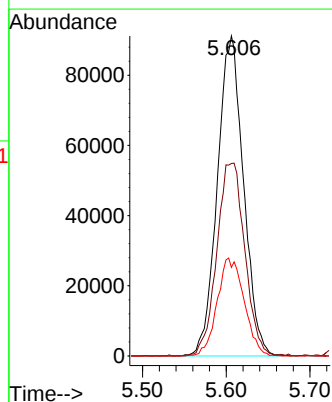
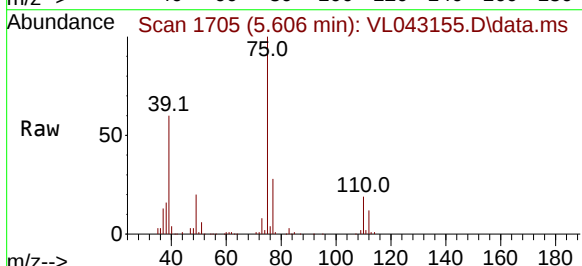
Tgt Ion: 75 Resp: 197738

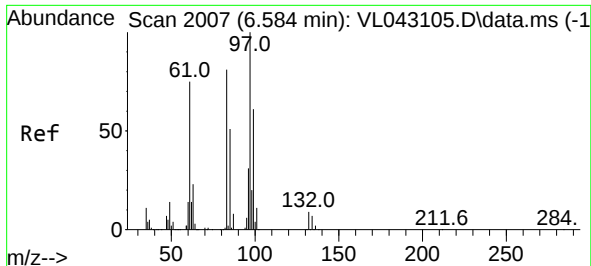
Ion Ratio Lower Upper

75 100

39 60.1 51.0 76.6

77 27.7 25.0 37.4



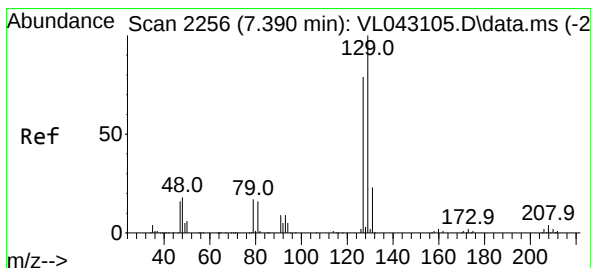
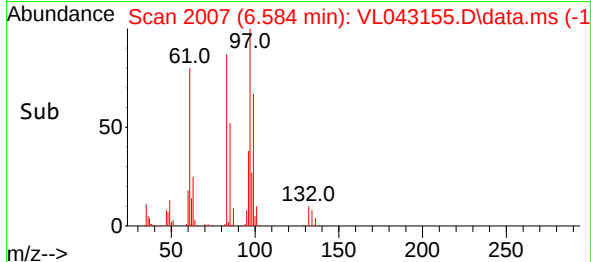
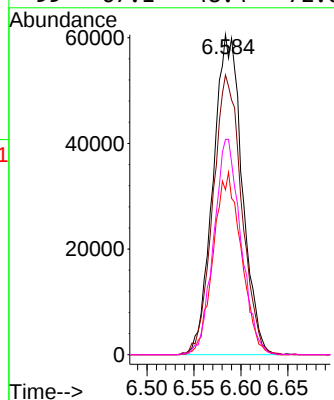
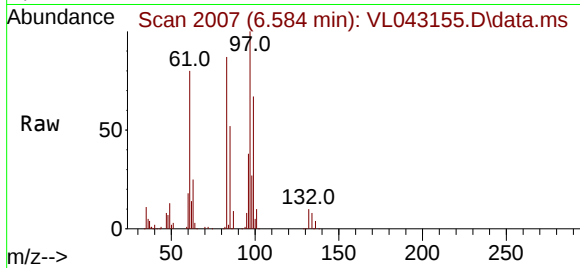


#47
1,1,2-Trichloroethane
Concen: 10.274 ppbv
RT: 6.584 min Scan# 2007
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 130602

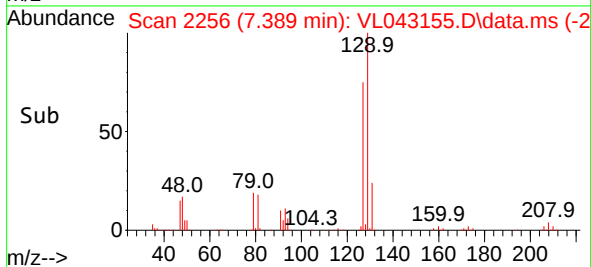
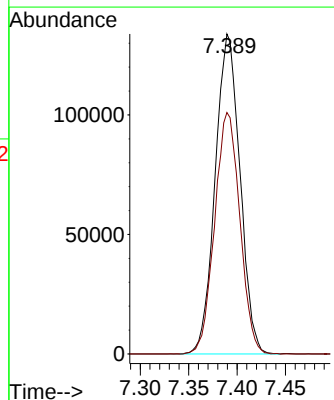
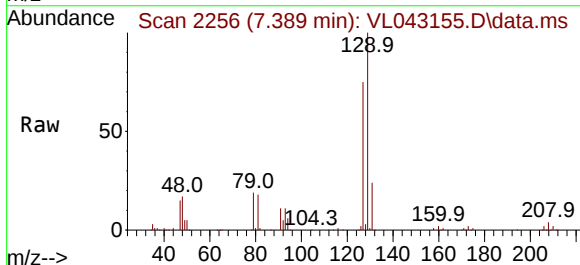
Ion	Ratio	Lower	Upper
97	100		
83	87.2	64.6	96.8
85	51.5	40.6	60.8
99	67.1	48.4	72.6

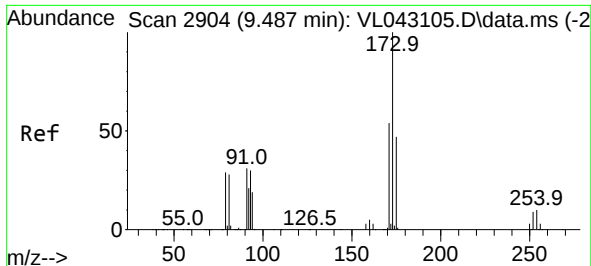


#48
Dibromochloromethane
Concen: 11.241 ppbv
RT: 7.389 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion: 129 Resp: 238917

Ion	Ratio	Lower	Upper
129	100		
127	76.6	39.3	117.9

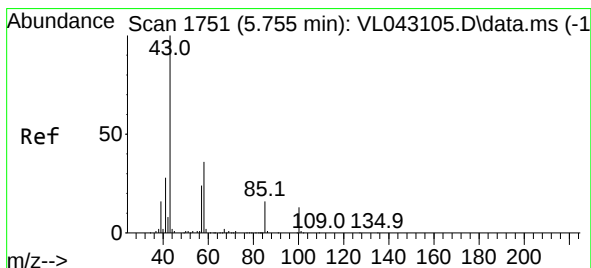
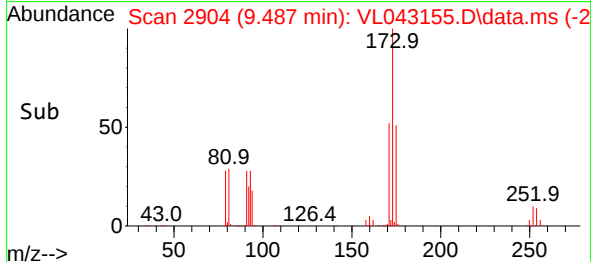
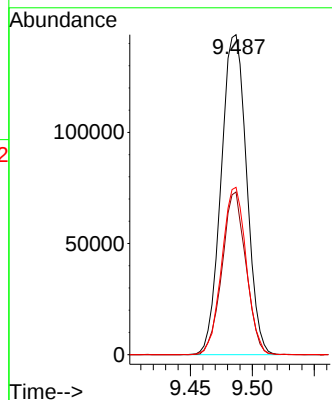
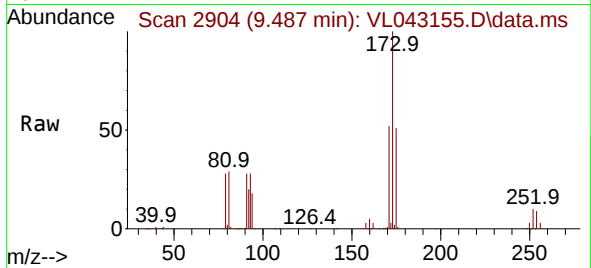




#49
Bromoform
Concen: 11.933 ppbv
RT: 9.487 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

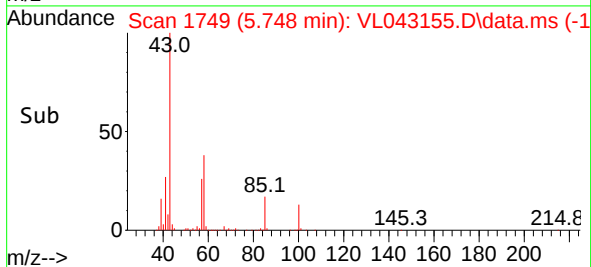
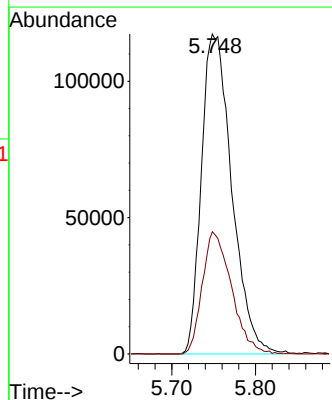
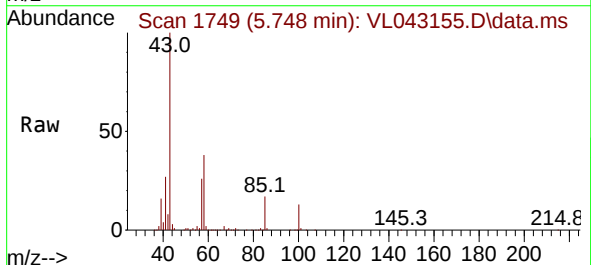
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

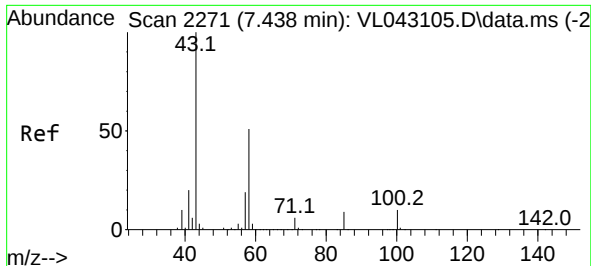
Tgt Ion:173 Resp: 206162
Ion Ratio Lower Upper
173 100
175 47.7 38.8 58.2
171 50.3 41.7 62.5



#50
4-Methyl-2-Pentanone
Concen: 9.331 ppbv
RT: 5.748 min Scan# 1749
Delta R.T. -0.007 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion: 43 Resp: 295948
Ion Ratio Lower Upper
43 100
58 36.7 29.1 43.7

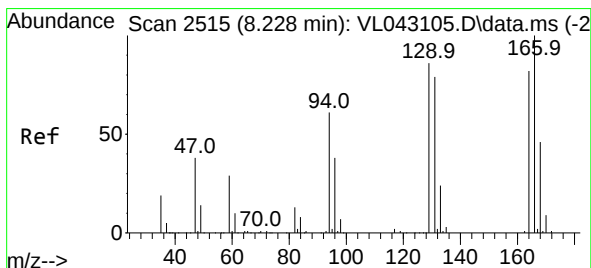
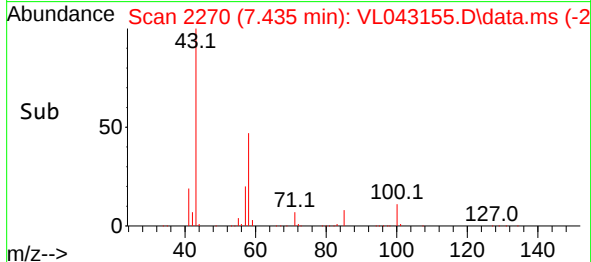
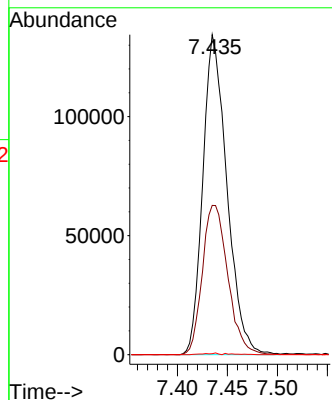
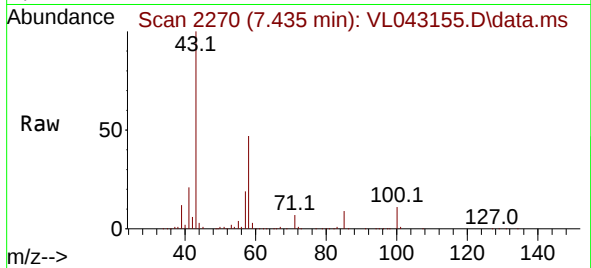




#51
2-Hexanone
Concen: 9.485 ppbv
RT: 7.435 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

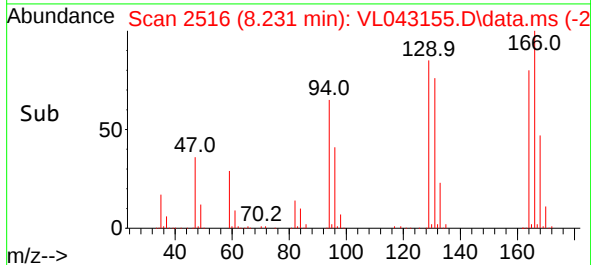
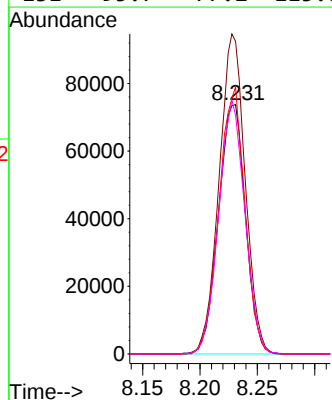
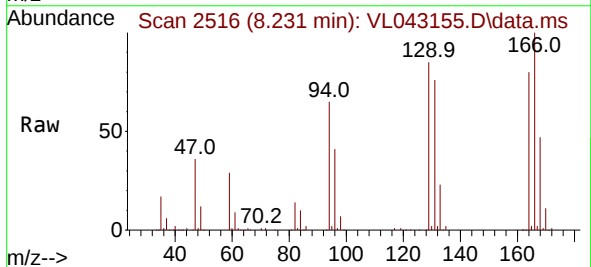
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

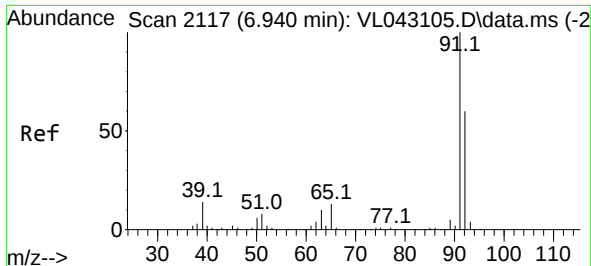
Tgt Ion: 43 Resp: 225625
Ion Ratio Lower Upper
43 100
58 49.4 40.4 60.6
98 0.5 0.1 0.1#



#52
Tetrachloroethene
Concen: 10.396 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion:164 Resp: 120713
Ion Ratio Lower Upper
164 100
166 125.4 97.6 146.4
129 107.1 84.5 126.7
131 95.7 77.2 115.8

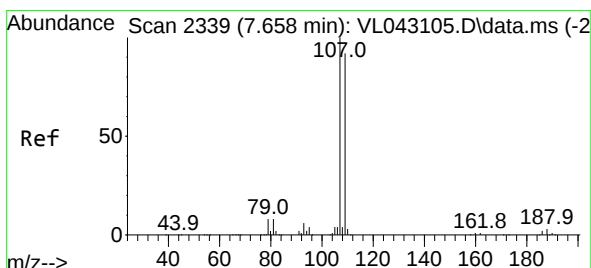
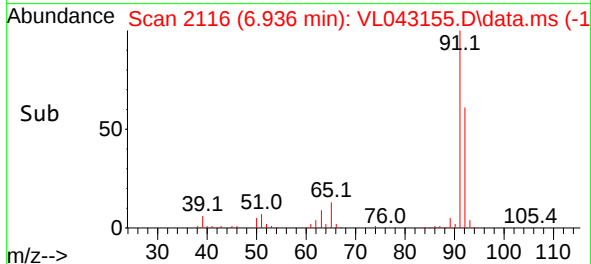
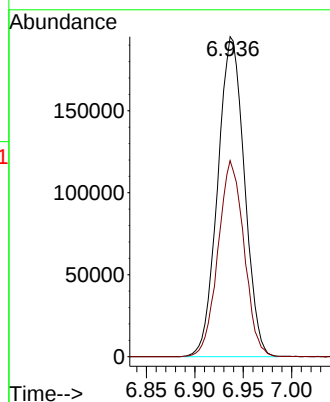
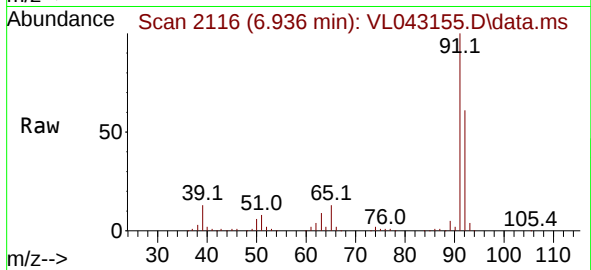




#53
Toluene
Concen: 9.805 ppbv
RT: 6.936 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

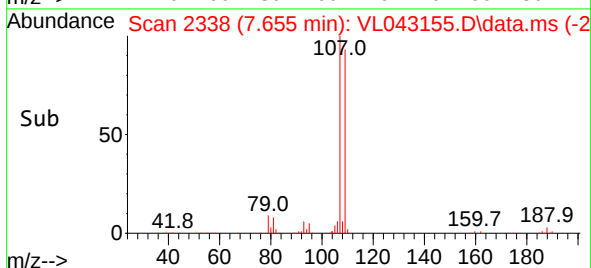
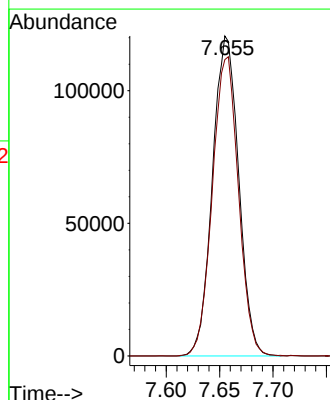
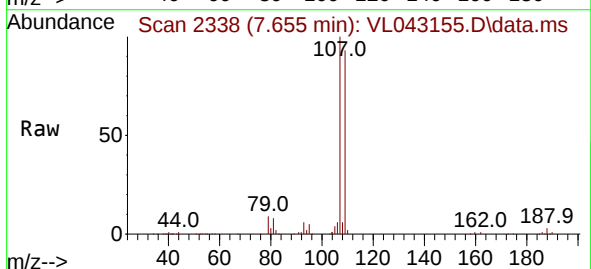
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

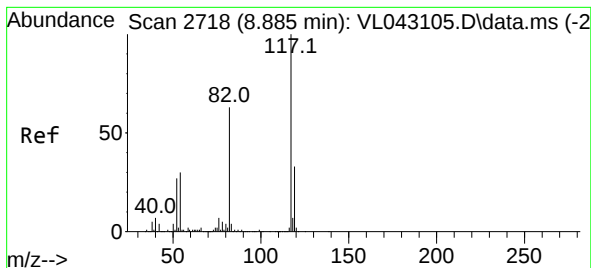
Tgt Ion: 91 Resp: 374714
Ion Ratio Lower Upper
91 100
92 59.7 48.8 73.2



#54
1,2-Dibromoethane
Concen: 10.330 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion: 107 Resp: 205679
Ion Ratio Lower Upper
107 100
109 92.4 73.4 110.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 2718

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

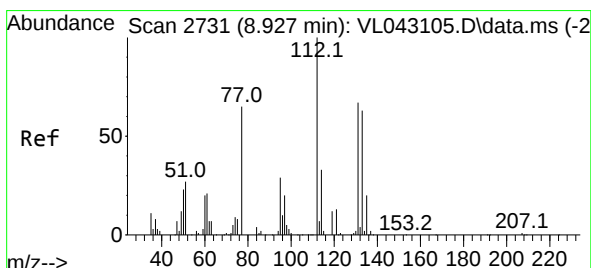
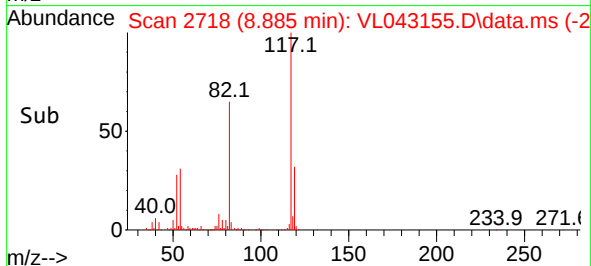
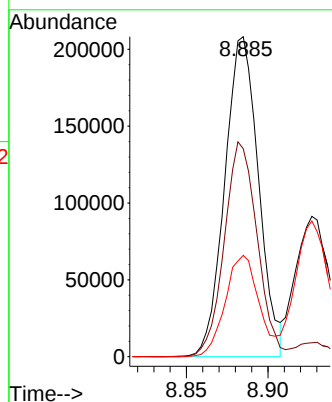
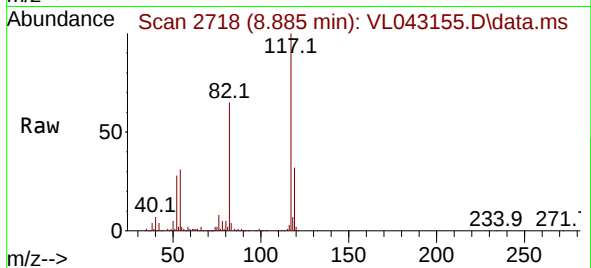
Tgt Ion:117 Resp: 299829

Ion Ratio Lower Upper

117 100

82 66.1 53.8 80.8

119 32.3 25.4 38.0



#56

1,1,1,2-Tetrachloroethane

Concen: 11.429 ppbv

RT: 8.927 min Scan# 2731

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

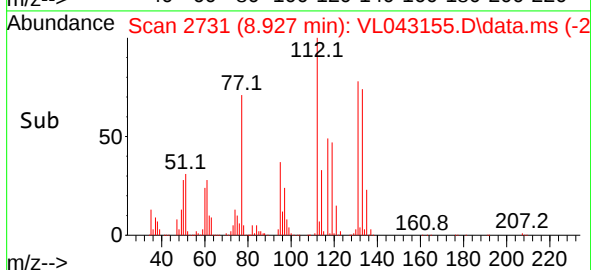
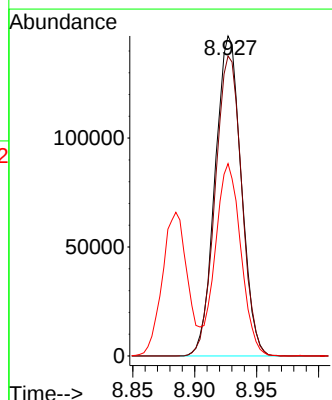
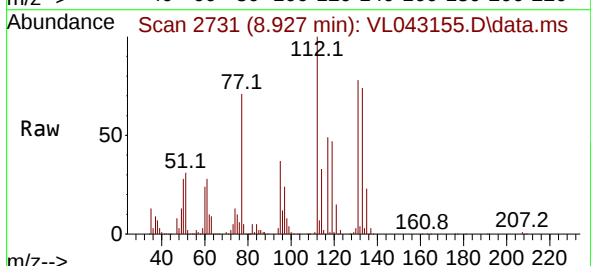
Tgt Ion:131 Resp: 216010

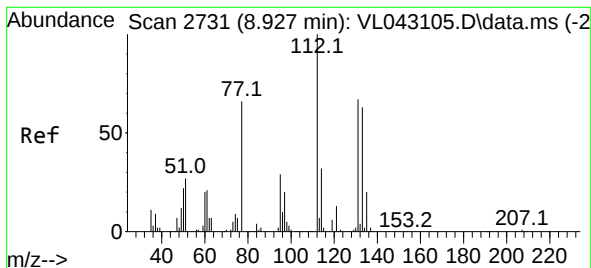
Ion Ratio Lower Upper

131 100

133 95.1 75.7 113.5

119 58.8 50.6 76.0





#57

Chlorobenzene

Concen: 10.228 ppbv

RT: 8.924 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

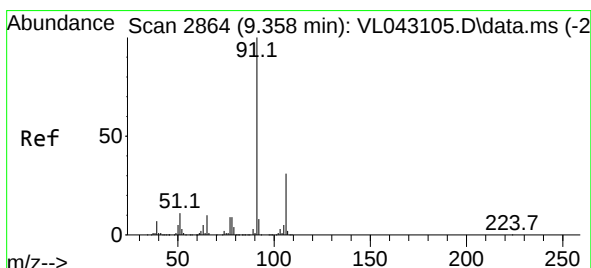
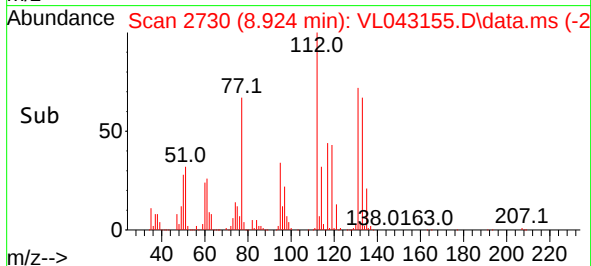
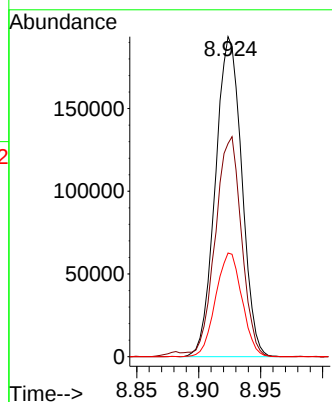
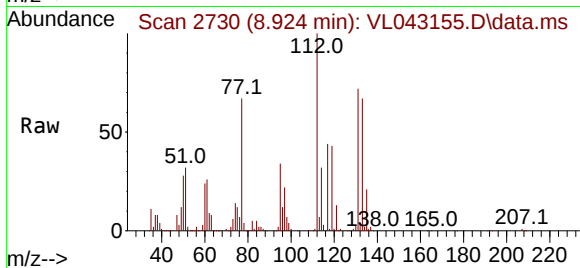
Tgt Ion:112 Resp: 286894

Ion Ratio Lower Upper

112 100

77 66.6 53.3 79.9

114 32.4 29.3 35.8



#58

Ethyl Benzene

Concen: 10.261 ppbv

RT: 9.357 min Scan# 2864

Delta R.T. -0.000 min

Lab File: VL043155.D

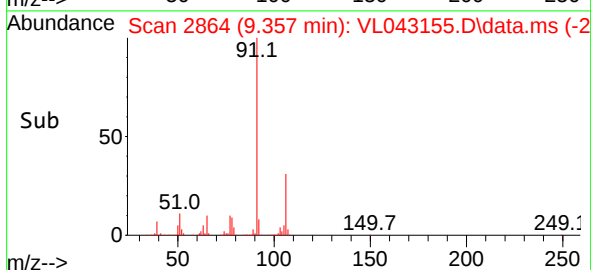
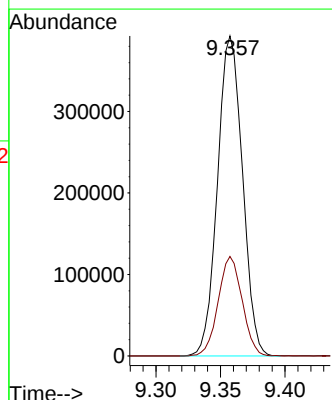
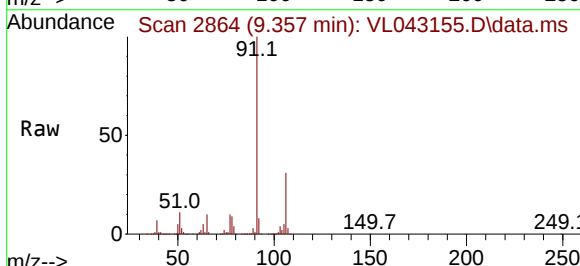
Acq: 06 Nov 2025 07:19

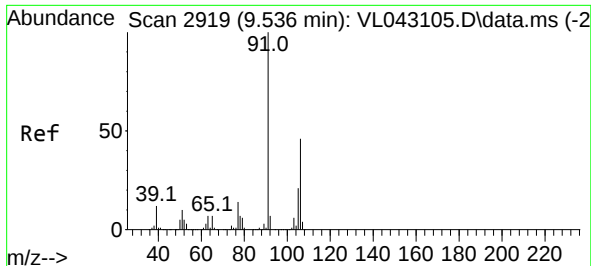
Tgt Ion: 91 Resp: 527991

Ion Ratio Lower Upper

91 100

106 31.1 24.8 37.2

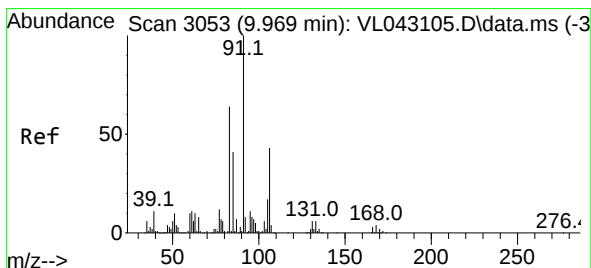
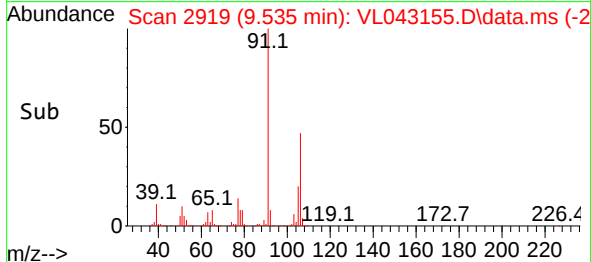
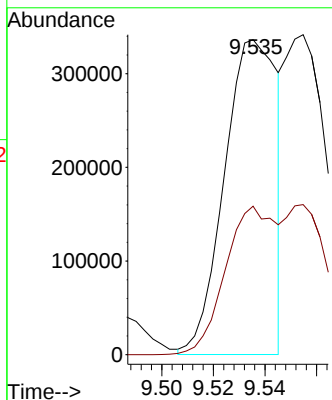
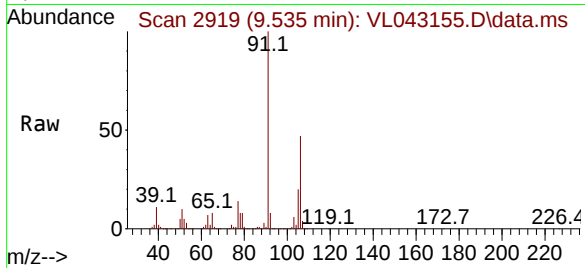




#59
m/p-Xylene
Concen: 11.549 ppbv
RT: 9.535 min Scan# 2919
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

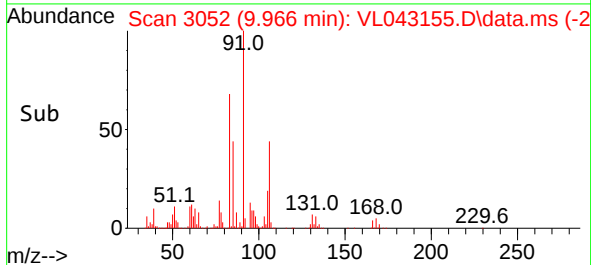
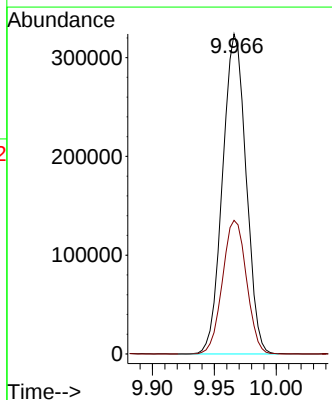
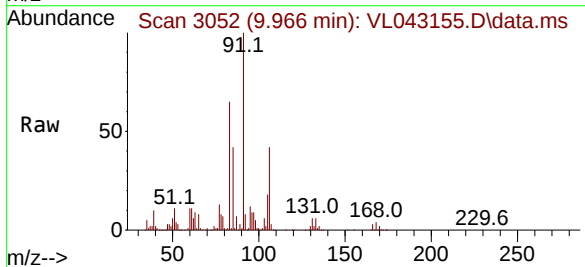
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

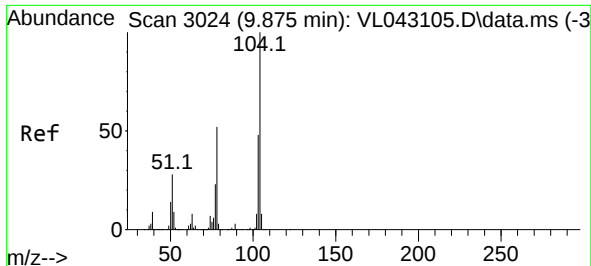
Tgt Ion: 91 Resp: 474002
Ion Ratio Lower Upper
91 100
106 0.0 38.0 57.0#



#60
o-Xylene
Concen: 10.565 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. -0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion: 91 Resp: 428248
Ion Ratio Lower Upper
91 100
106 42.7 21.9 65.8

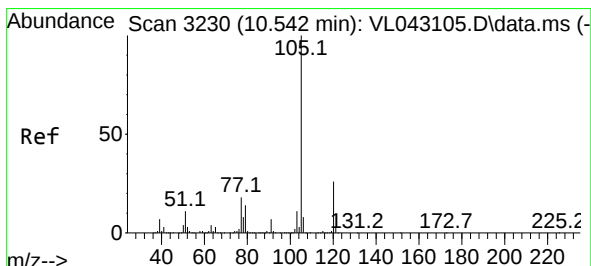
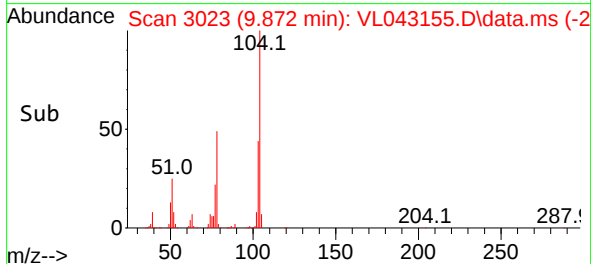
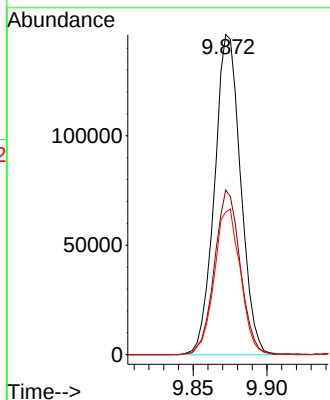
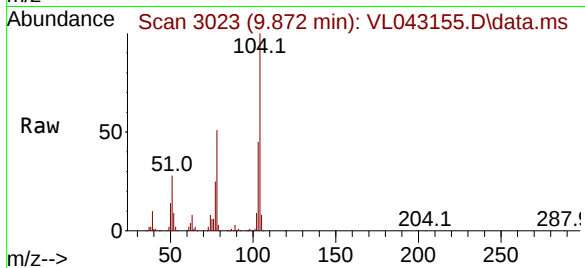




#61
Styrene
Concen: 9.839 ppbv
RT: 9.872 min Scan# 3024
Delta R.T. -0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

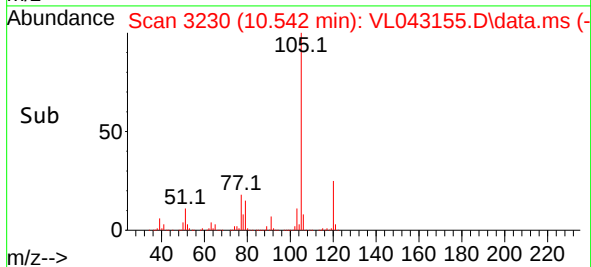
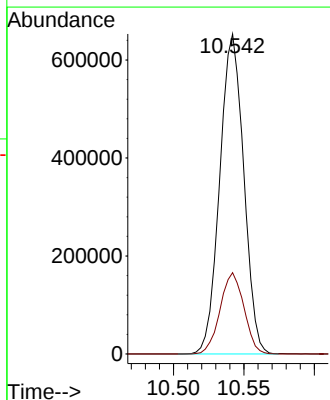
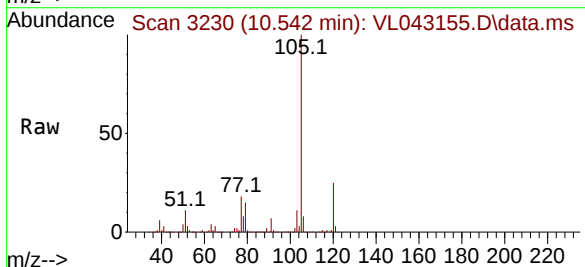
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

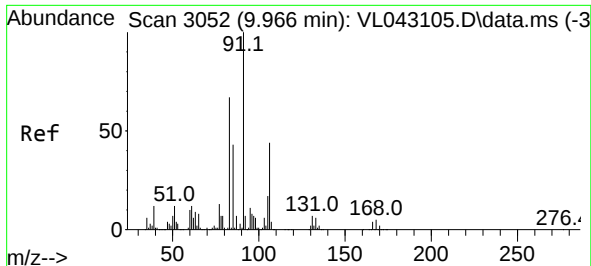
Tgt Ion:104 Resp: 180052
Ion Ratio Lower Upper
104 100
78 50.9 40.2 60.2
103 45.9 36.9 55.3



#62
Isopropylbenzene
Concen: 10.564 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion:105 Resp: 773742
Ion Ratio Lower Upper
105 100
120 25.2 20.2 30.4

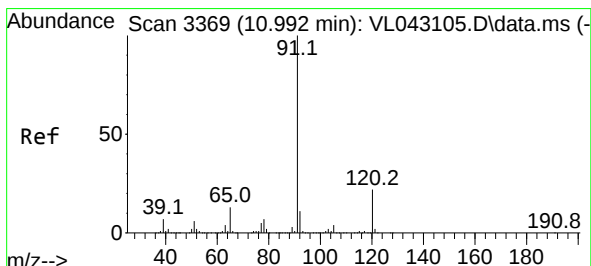
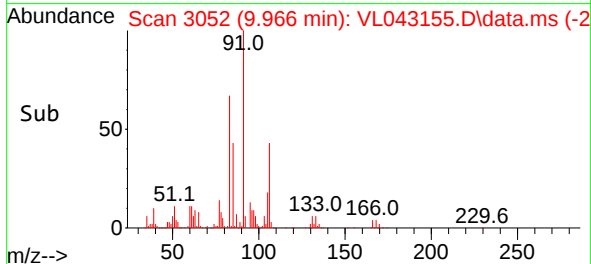
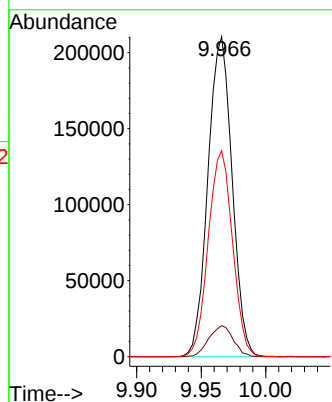
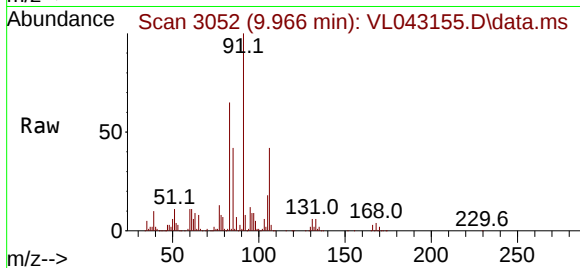




#63
1,1,2,2-Tetrachloroethane
Concen: 10.089 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

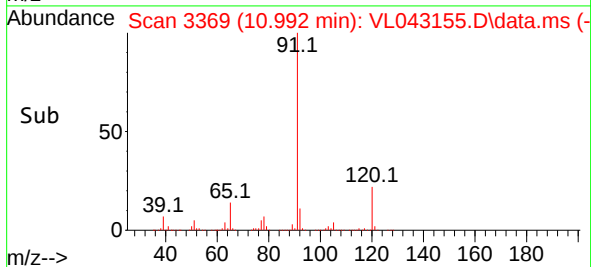
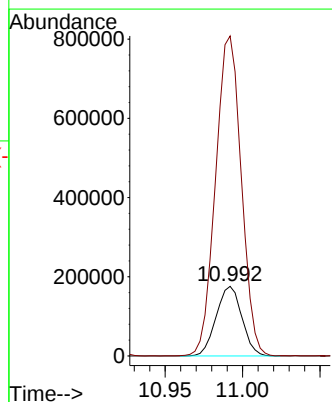
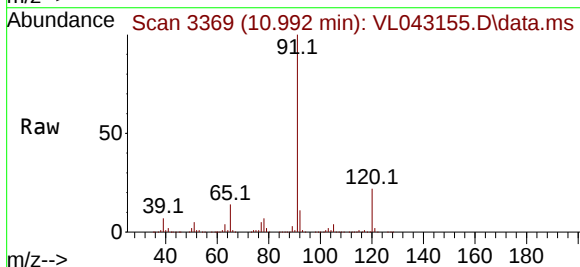
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

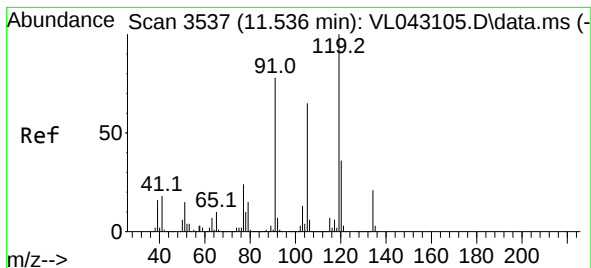
Tgt Ion: 83 Resp: 273835
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 64.6 32.0 96.0



#64
n-propylbenzene
Concen: 10.438 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion: 120 Resp: 202414
Ion Ratio Lower Upper
120 100
91 462.2 361.6 542.4





#65

tert-Butylbenzene

Concen: 10.266 ppbv

RT: 11.532 min Scan# 3537

Delta R.T. -0.003 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

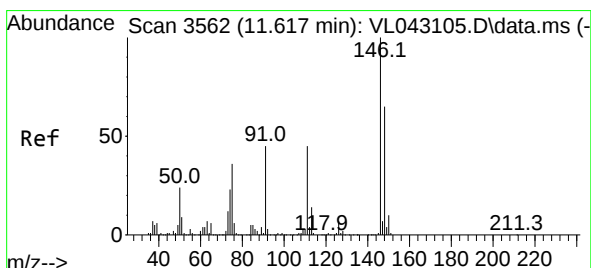
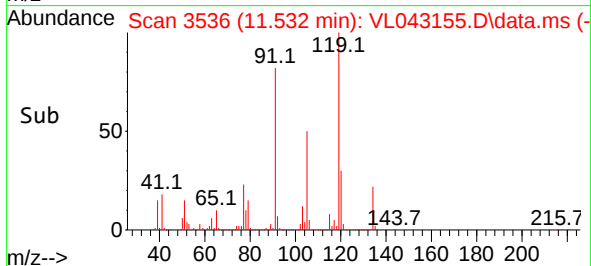
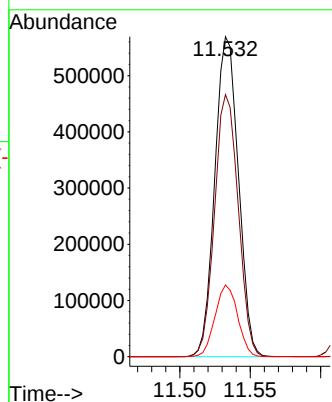
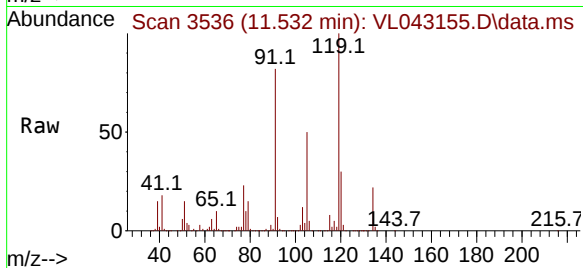
Tgt Ion:119 Resp: 664024

Ion Ratio Lower Upper

119 100

91 82.1 63.4 95.0

134 21.5 17.3 25.9



#66

Benzyl Chloride

Concen: 9.258 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. 0.003 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

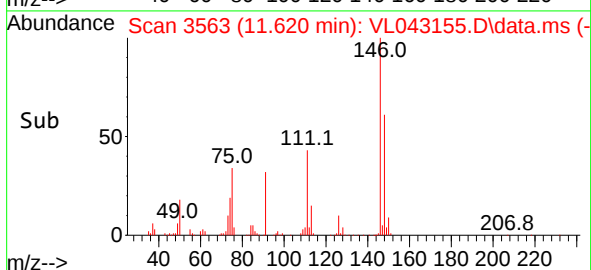
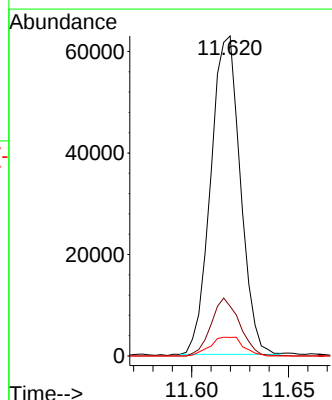
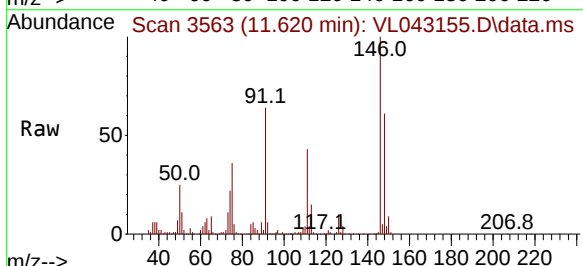
Tgt Ion: 91 Resp: 66651

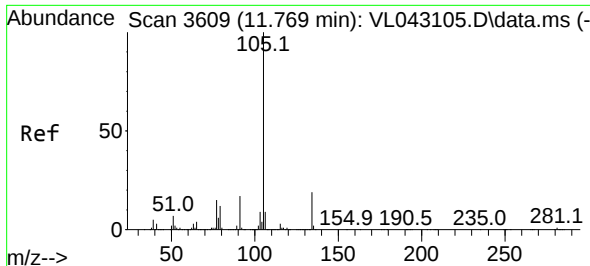
Ion Ratio Lower Upper

91 100

126 17.5 14.6 22.0

128 6.6 4.6 6.8





#67

sec-Butylbenzene

Concen: 10.327 ppbv

RT: 11.769 min Scan# 3179

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Instrument :

MSVOA_1

ClientSampleId :

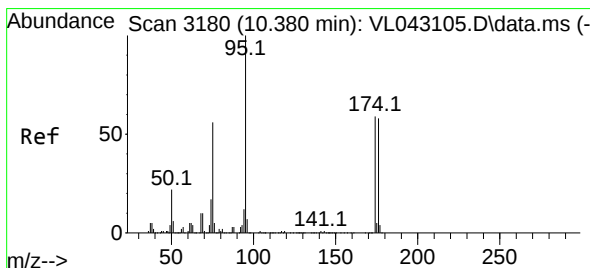
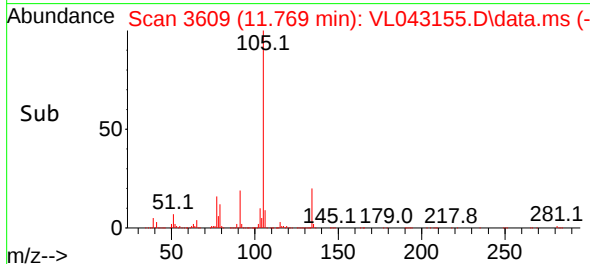
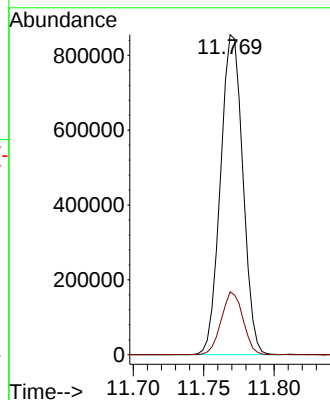
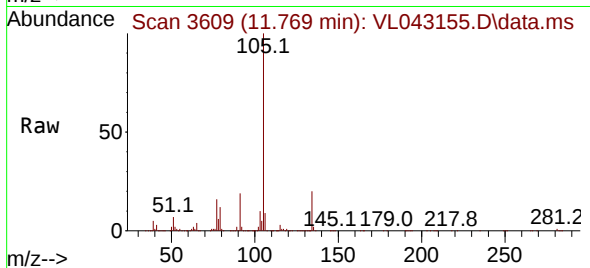
VSTDCCC010

Tgt Ion:105 Resp: 948023

Ion Ratio Lower Upper

105 100

134 19.1 15.5 23.3



#68

1-Bromo-4-Fluorobenzene

Concen: 10.570 ppbv

RT: 10.377 min Scan# 3179

Delta R.T. -0.003 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

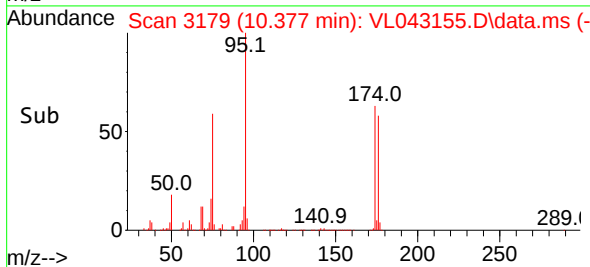
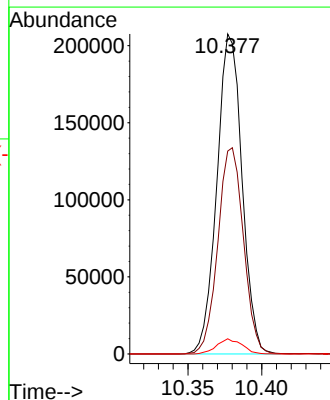
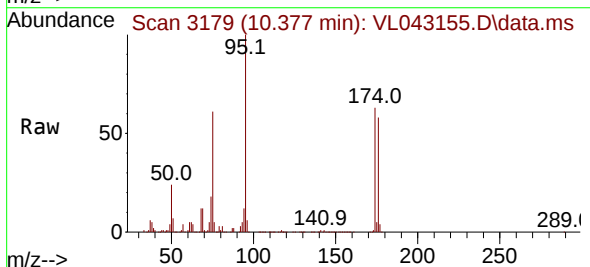
Tgt Ion: 95 Resp: 246332

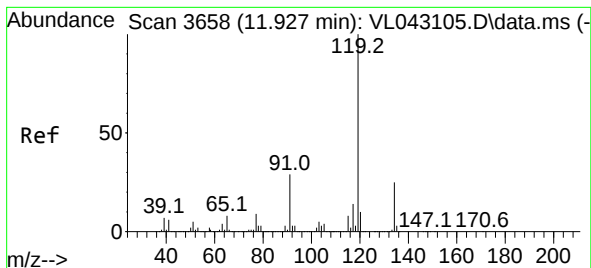
Ion Ratio Lower Upper

95 100

174 65.5 48.3 72.5

175 4.8 3.8 5.8

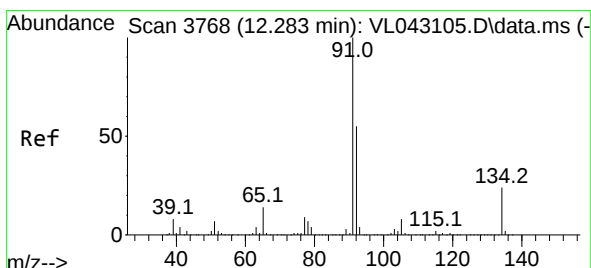
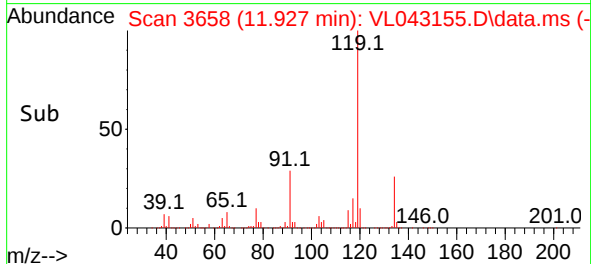
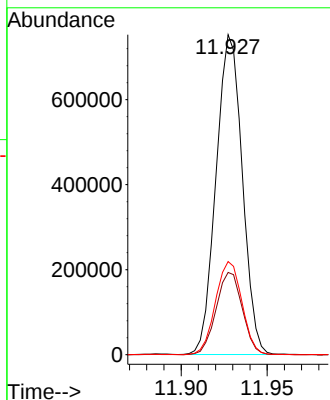
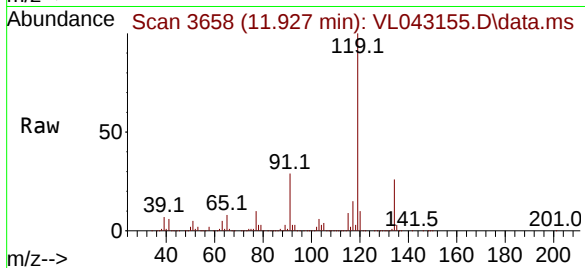




#69
 p-Isopropyltoluene
 Concen: 10.237 ppbv
 RT: 11.927 min Scan# 3658
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

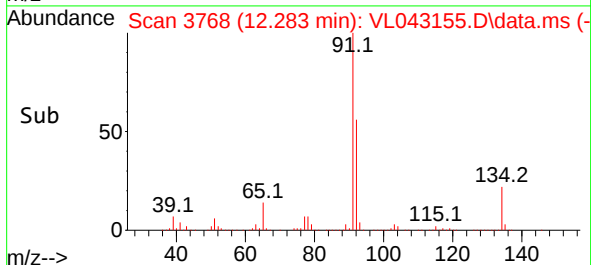
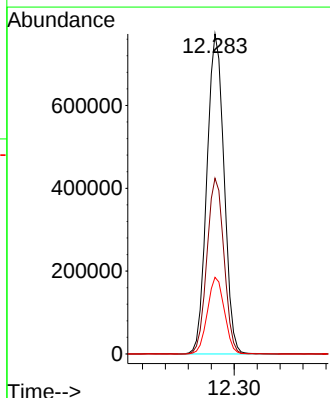
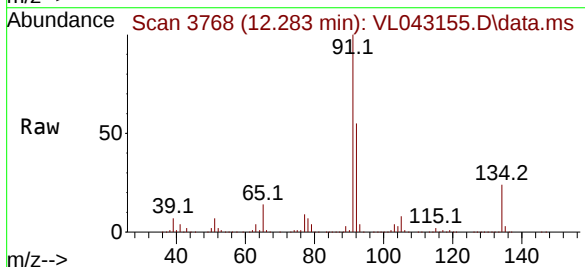
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

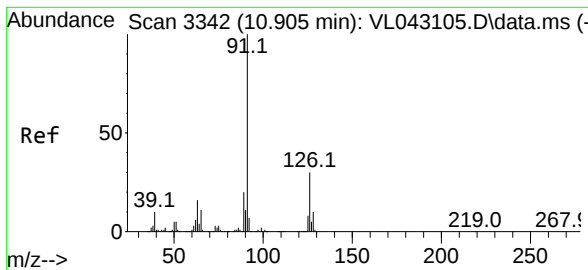
Tgt Ion:119 Resp: 798570
 Ion Ratio Lower Upper
 119 100
 134 25.8 20.3 30.5
 91 29.5 22.6 33.8



#70
 n-Butylbenzene
 Concen: 10.410 ppbv
 RT: 12.283 min Scan# 3768
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

Tgt Ion: 91 Resp: 800217
 Ion Ratio Lower Upper
 91 100
 92 54.6 44.5 66.7
 134 23.8 19.3 28.9

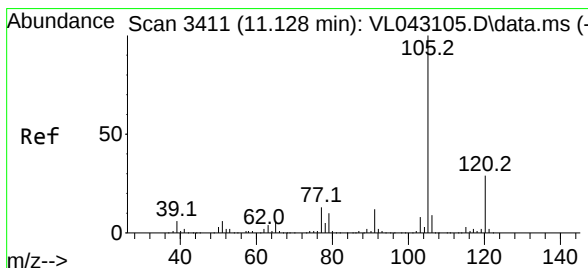
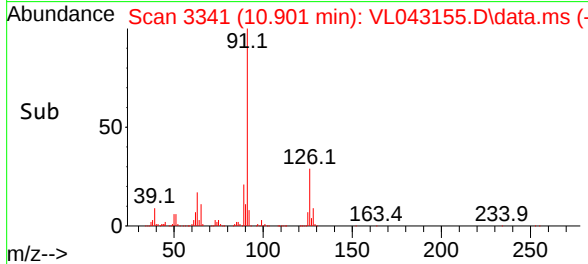
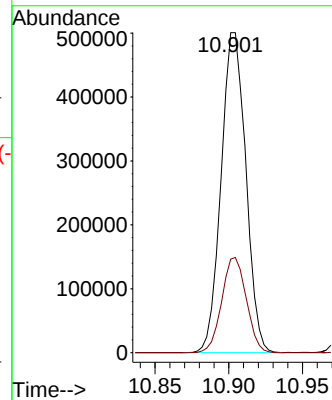
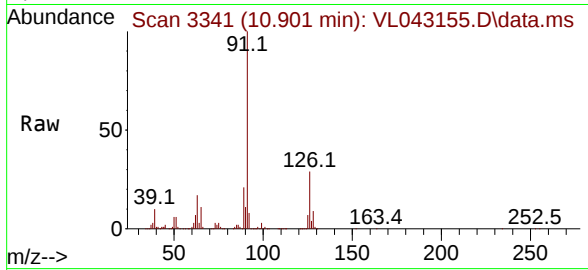




#71
2-Chlorotoluene
Concen: 10.461 ppbv
RT: 10.901 min Scan# 311
Delta R.T. -0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

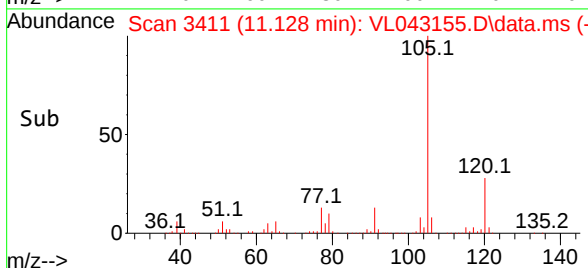
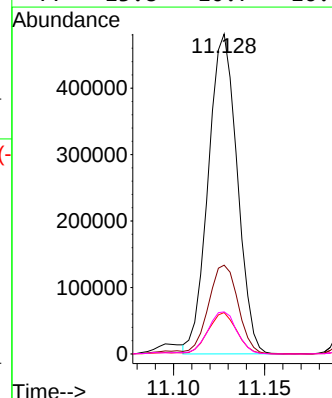
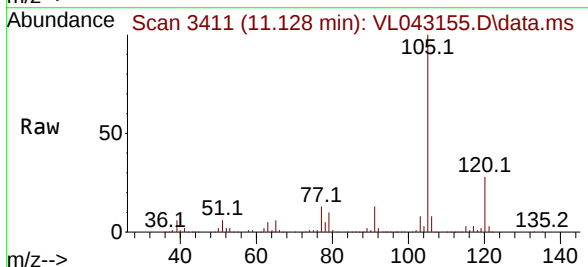
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

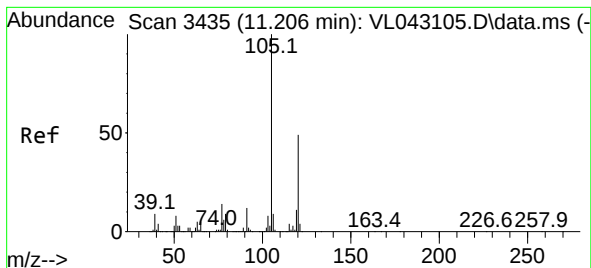
Tgt Ion: 91 Resp: 584421
Ion Ratio Lower Upper
91 100
126 29.5 12.0 48.0



#72
4-Ethyltoluene
Concen: 10.693 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion:105 Resp: 532971
Ion Ratio Lower Upper
105 100
120 29.3 24.2 36.4
91 13.3 10.0 15.0
77 13.8 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 10.671 ppbv

RT: 11.205 min Scan# 3435

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Instrument :

MSVOA_L

ClientSampleId :

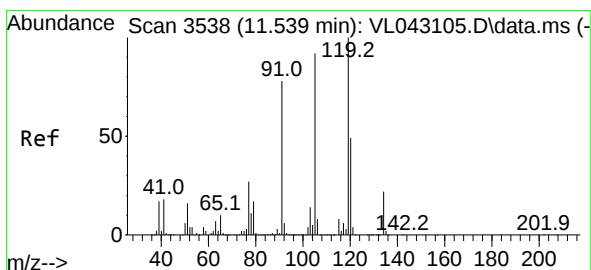
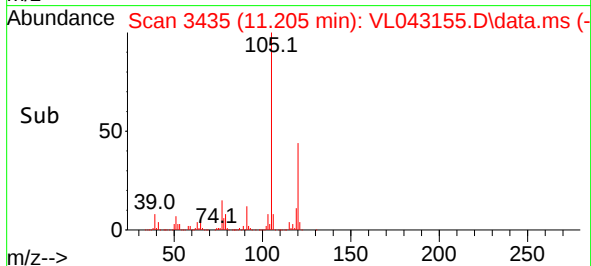
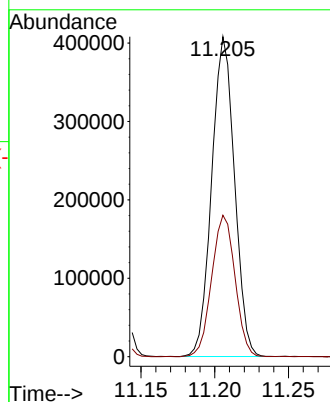
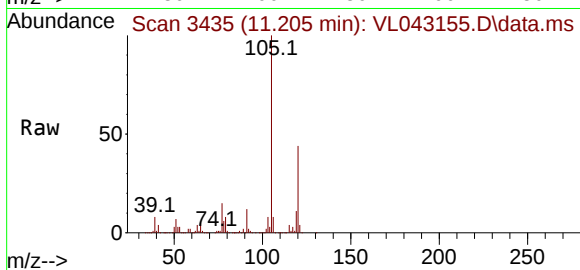
VSTDCCC010

Tgt Ion:105 Resp: 438651

Ion Ratio Lower Upper

105 100

120 44.2 39.0 58.6



#74

1,2,4-Trimethylbenzene

Concen: 10.419 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Tgt Ion:105 Resp: 479281

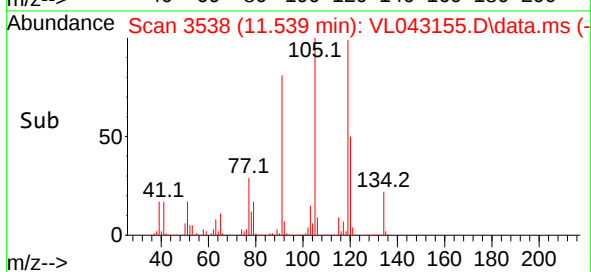
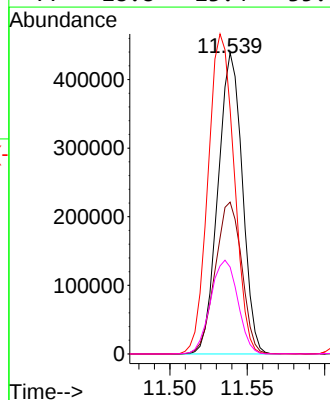
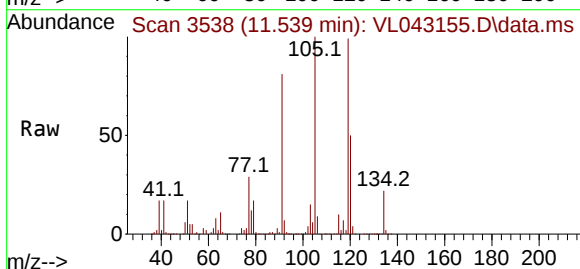
Ion Ratio Lower Upper

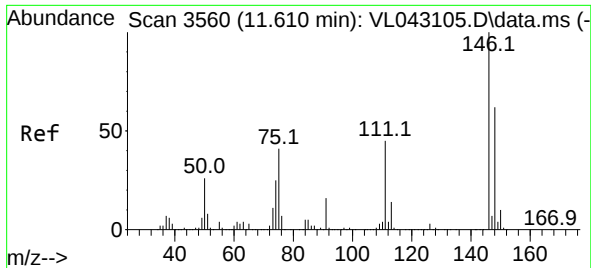
105 100

120 50.4 42.8 64.2

91 81.1 68.3 102.5

77 28.8 23.4 35.0

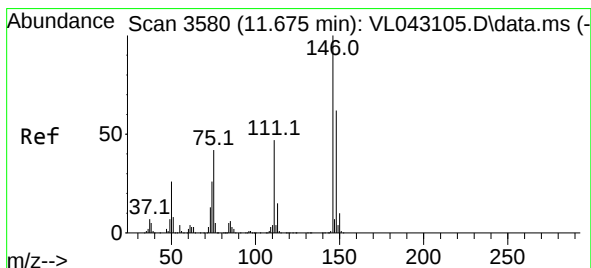
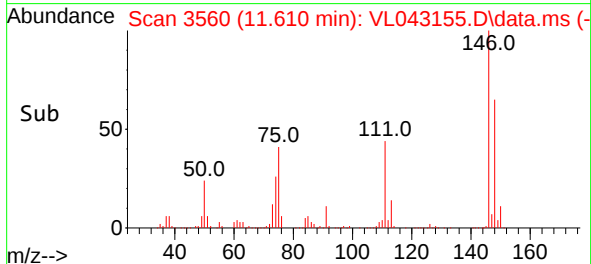
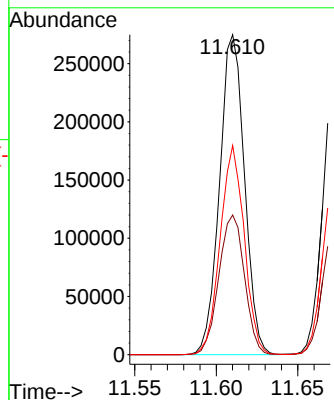
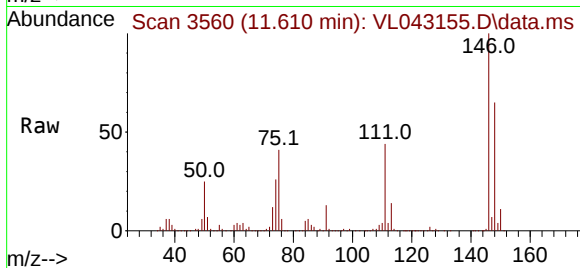




#75
1,3-Dichlorobenzene
Concen: 10.943 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

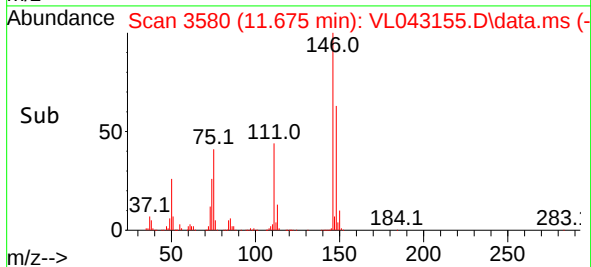
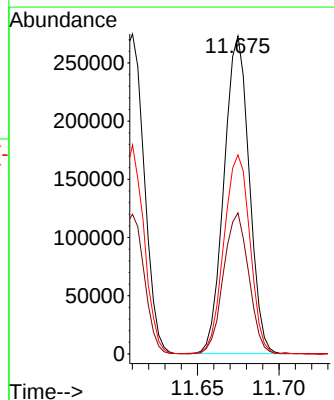
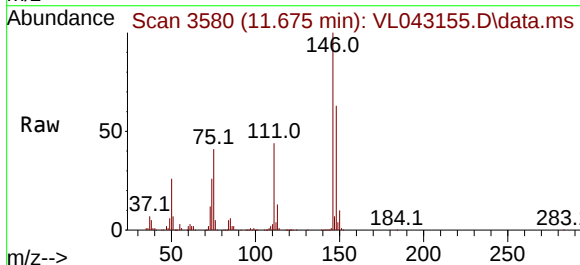
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

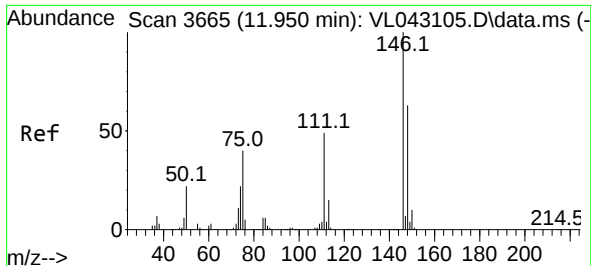
Tgt Ion:146 Resp: 291949
Ion Ratio Lower Upper
146 100
111 45.0 23.3 69.9
148 63.2 31.6 95.0



#76
1,4-Dichlorobenzene
Concen: 10.872 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion:146 Resp: 292491
Ion Ratio Lower Upper
146 100
111 44.8 22.4 67.0
148 64.9 31.6 94.7

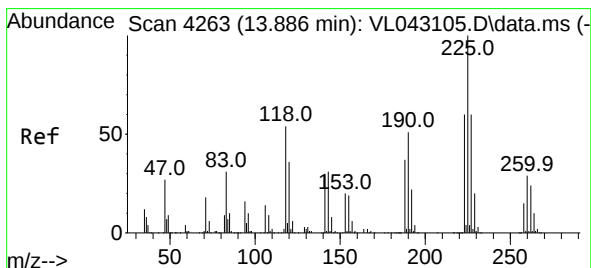
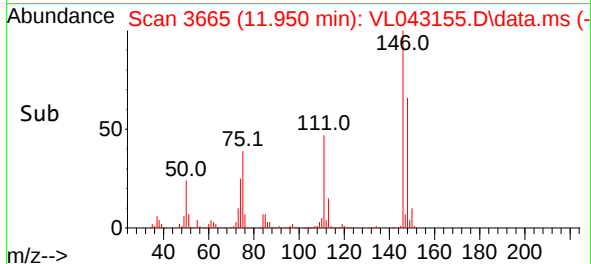
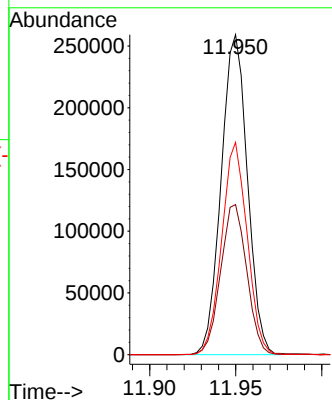
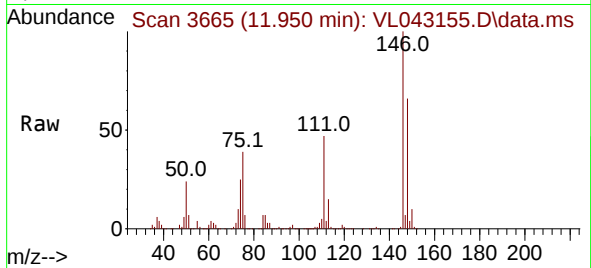




#77
1,2-Dichlorobenzene
Concen: 10.670 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

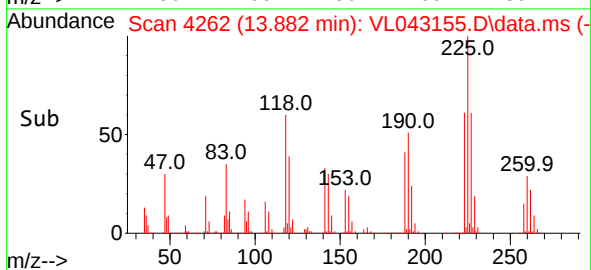
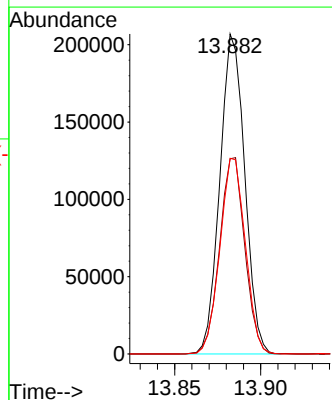
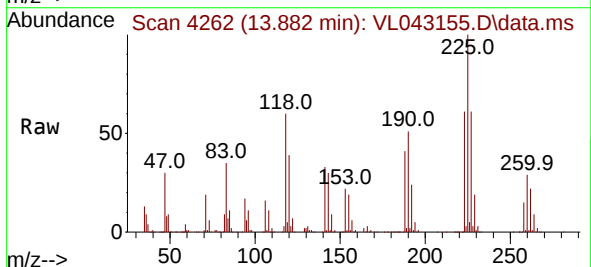
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

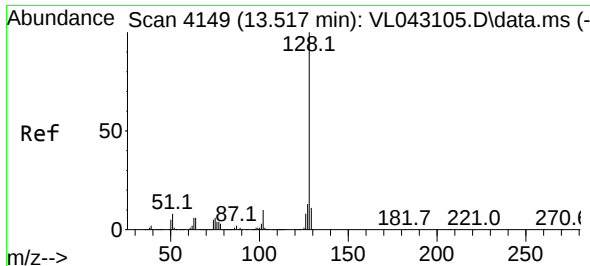
Tgt Ion:146 Resp: 275403
Ion Ratio Lower Upper
146 100
111 46.9 24.0 72.0
148 64.3 31.1 93.3



#78
Hexachloro-1,3-Butadiene
Concen: 10.417 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion:225 Resp: 208179
Ion Ratio Lower Upper
225 100
223 62.2 50.2 75.4
227 62.5 49.6 74.4

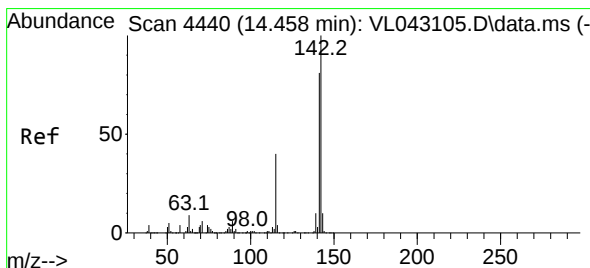
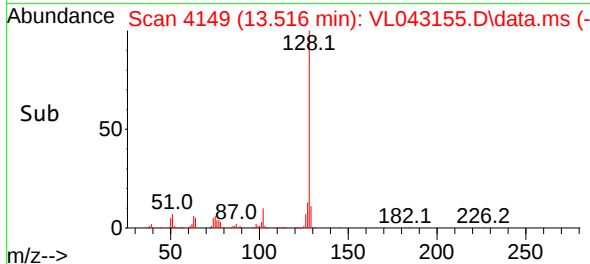
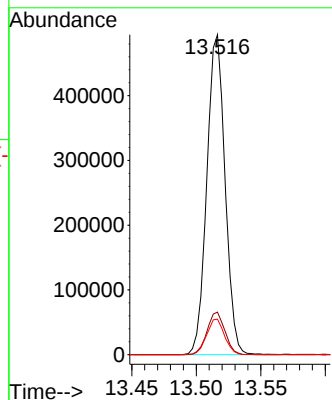
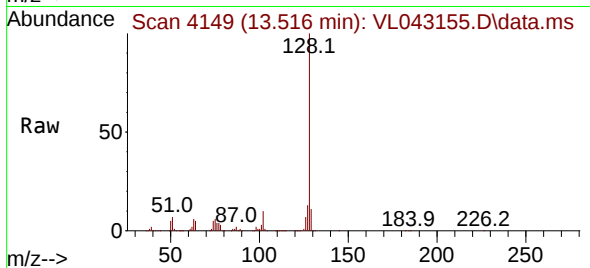




#79
Naphthalene
Concen: 10.113 ppbv
RT: 13.516 min Scan# 4149
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

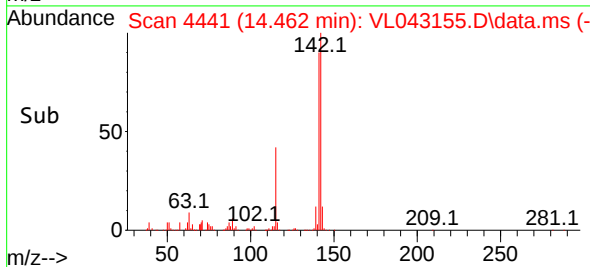
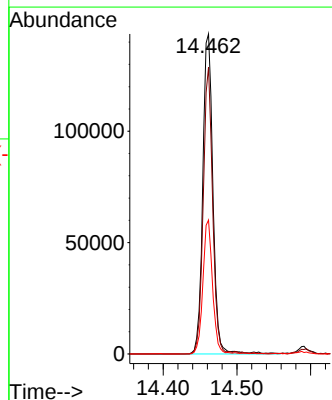
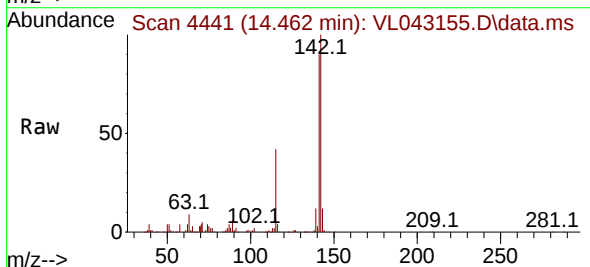
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

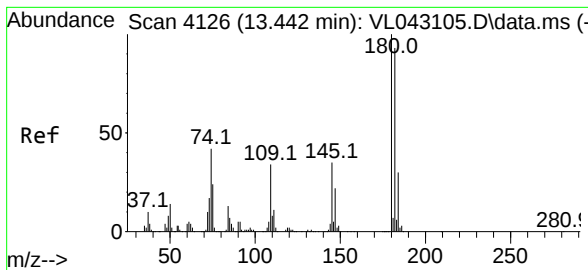
Tgt Ion:128 Resp: 486229
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.1 9.1 13.7



#80
Naphthalene,2-methyl-
Concen: 10.942 ppbv
RT: 14.462 min Scan# 4441
Delta R.T. 0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion:142 Resp: 137059
Ion Ratio Lower Upper
142 100
141 83.9 64.6 97.0
115 40.3 30.2 45.4





#81
 1,2,4-Trichlorobenzene
 Concen: 10.750 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 214527
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.5 113.3
 184 30.9 23.9 35.9

