

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111325\
 Data File : VL043191.D
 Acq On : 13 Nov 2025 09:01
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Nov 14 04:35:24 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	2.794	49	141757	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.969	114	379323	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	324654	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.384	95	262602	10.406	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	186958	9.277	ppbv	98
3) Chlorodifluoromethane	1.480	51	207578	9.520	ppbv	99
4) Chloromethane	1.538	50	66004	8.267	ppbv	100
5) Vinyl Chloride	1.586	62	65529	8.368	ppbv	97
6) Bromomethane	1.674	94	38785	9.032	ppbv	97
7) Chloroethane	1.709	64	26067	8.142	ppbv	98
8) Dichlorotetrafluoroethane	1.560	85	149728	9.192	ppbv	92
9) Propene	1.489	41	79350	8.205	ppbv	99
10) Heptane	4.995	43	257113	9.235	ppbv	98
11) Trichlorofluoromethane	1.884	101	203965	10.347	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.146	101	157214	9.906	ppbv	96
13) Ethanol	1.726	45	22877	6.395	ppbv	95
14) Bromoethene	1.787	108	55856	9.474	ppbv	99
15) Acetone	1.839	43	157089	8.222	ppbv	100
16) 1,3-Butadiene	1.612	39	71284	7.828	ppbv	100
17) tert-Butyl alcohol	2.043	59	212144	8.089	ppbv	99
18) 1,1-Dichloroethene	2.039	96	67616	9.773	ppbv	92
19) Isopropyl Alcohol	1.891	45	89741	7.541	ppbv	90
20) Methylene Chloride	2.069	84	61280	8.114	ppbv	97
21) Allyl Chloride	2.101	41	118968	8.450	ppbv	98
22) trans-1,2-Dichloroethene	2.347	96	77213	9.336	ppbv	97
23) Vinyl Acetate	2.467	43	288816	10.319	ppbv #	99
24) 1,1-Dichloroethane	2.415	63	148680	9.305	ppbv	99
25) Ethyl Acetate	2.839	43	458770	9.682	ppbv	99
26) Hexane	2.836	57	208153	9.534	ppbv	99
27) Carbon Disulfide	2.156	76	192431	9.620	ppbv	100
28) Methyl tert-Butyl Ether	2.447	73	84272	8.484	ppbv	95
29) Chloroform	2.855	83	307588	9.723	ppbv	100
30) Cyclohexane	3.868	84	161792	8.490	ppbv	98
31) cis-1,2-Dichloroethene	2.729	61	192730	9.244	ppbv	99
32) 1,1,1-Trichloroethane	3.376	97	292767	8.887	ppbv	97
34) 2-Butanone	2.561	43	304449	11.940	ppbv	98
35) Carbon Tetrachloride	3.774	117	302120	11.078	ppbv	95
36) Benzene	3.668	78	394397	11.039	ppbv	97
37) 1,2-Dichloroethane	3.227	62	227409	11.049	ppbv	98
38) Trichloroethene	4.561	130	143231	9.599	ppbv	99
39) 1,2-Dichloropropane	4.328	63	147718	11.310	ppbv	97
40) 1,4-Dioxane	4.590	88	57344	9.811	ppbv #	95
41) Tetrahydrofuran	3.059	42	152660	10.704	ppbv	96
42) Bromodichloromethane	4.499	83	321852	11.299	ppbv	99
43) Methyl Methacrylate	4.891	69	184954	10.193	ppbv	99
44) 2,2,4-Trimethylpentane	4.655	57	685708	11.376	ppbv	99
45) t-1,3-Dichloropropene	6.428	75	172223	9.458	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111325\
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 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

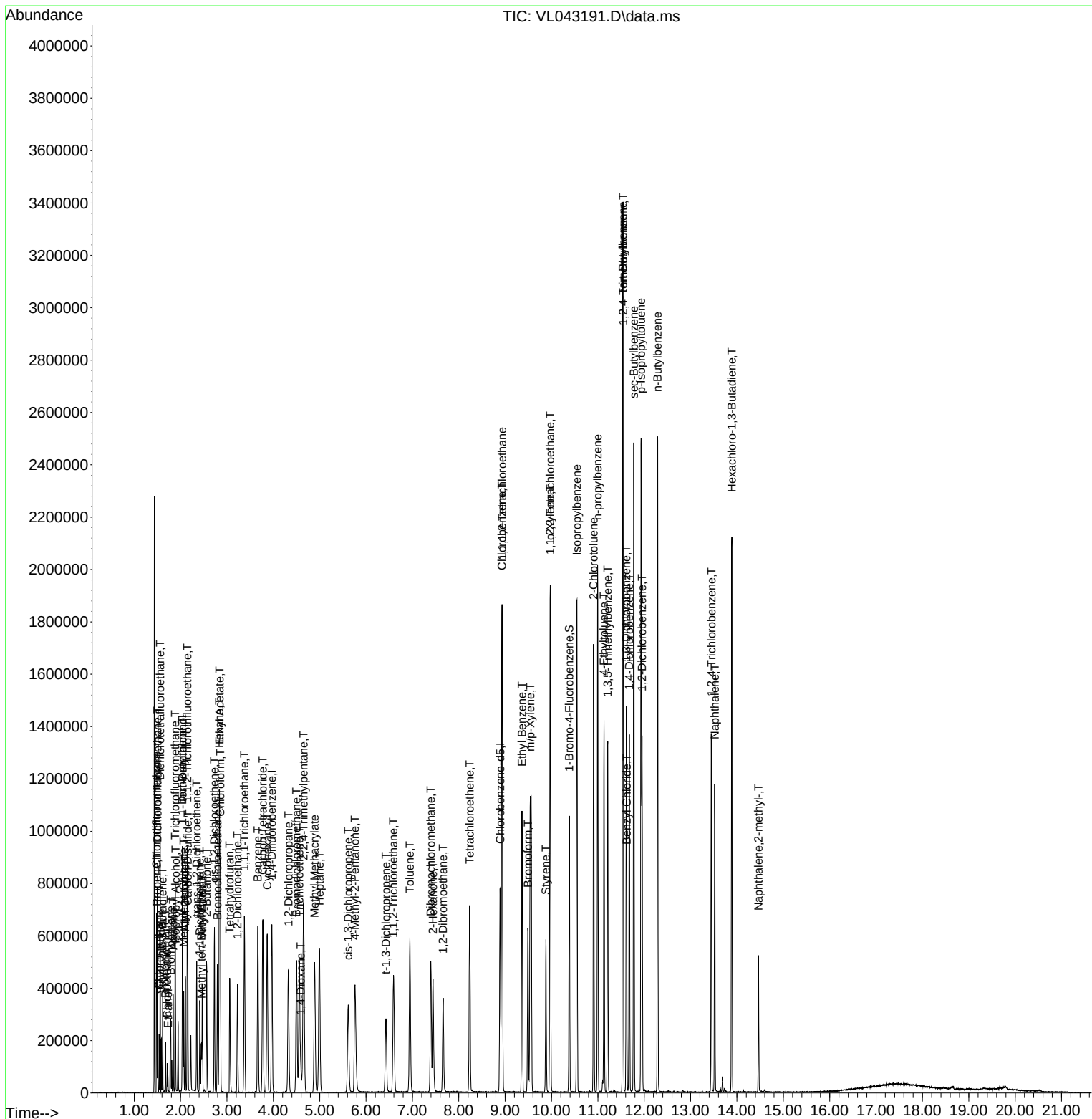
Instrument :
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 ClientSampleId :
 VSTDCCC010

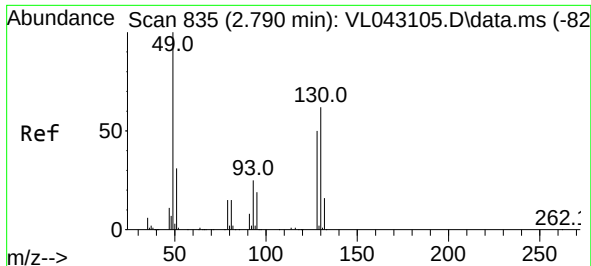
Quant Time: Nov 14 04:35:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Oct 15 02:12:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.616	75	216380	9.947	ppbv	99
47) 1,1,2-Trichloroethane	6.590	97	154071	10.924	ppbv	97
48) Dibromochloromethane	7.396	129	253004	10.729	ppbv	100
49) Bromoform	9.493	173	223457	11.657	ppbv	100
50) 4-Methyl-2-Pentanone	5.762	43	383415	10.896	ppbv	97
51) 2-Hexanone	7.445	43	290059	10.990	ppbv #	95
52) Tetrachloroethene	8.238	164	129582	10.058	ppbv	96
53) Toluene	6.946	91	417333	9.842	ppbv	100
54) 1,2-Dibromoethane	7.662	107	230500	10.434	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.934	131	238374	11.648	ppbv	100
57) Chlorobenzene	8.930	112	338588	11.148	ppbv	98
58) Ethyl Benzene	9.364	91	587423	10.543	ppbv	99
59) m/p-Xylene	9.542	91	544298	12.248	ppbv #	29
60) o-Xylene	9.973	91	486760	11.090	ppbv	100
61) Styrene	9.879	104	195183	9.851	ppbv	99
62) Isopropylbenzene	10.549	105	881218	11.111	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.969	83	340692	11.592	ppbv	100
64) n-propylbenzene	10.995	120	234766	11.181	ppbv	95
65) tert-Butylbenzene	11.539	119	751341	10.727	ppbv	99
66) Benzyl Chloride	11.623	91	66547	8.537	ppbv	100
67) sec-Butylbenzene	11.775	105	1102574	11.092	ppbv	100
69) p-Isopropyltoluene	11.934	119	898238	10.634	ppbv	99
70) n-Butylbenzene	12.287	91	919213	11.043	ppbv	100
71) 2-Chlorotoluene	10.908	91	665438	11.000	ppbv	100
72) 4-Ethyltoluene	11.131	105	610233	11.307	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	498832	11.207	ppbv	97
74) 1,2,4-Trimethylbenzene	11.546	105	550086	11.044	ppbv	88
75) 1,3-Dichlorobenzene	11.613	146	340928	11.801	ppbv	98
76) 1,4-Dichlorobenzene	11.678	146	335522	11.518	ppbv	98
77) 1,2-Dichlorobenzene	11.953	146	324755	11.620	ppbv	98
78) Hexachloro-1,3-Butadiene	13.889	225	225968	10.443	ppbv	99
79) Naphthalene	13.520	128	543024	10.430	ppbv	99
80) Naphthalene,2-methyl-	14.465	142	133878	9.870	ppbv	99
81) 1,2,4-Trichlorobenzene	13.449	180	230586	10.671	ppbv	99

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

Quant Time: Nov 14 04:35:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
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Response via : Initial Calibration

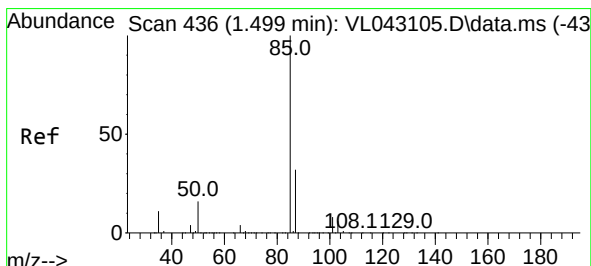
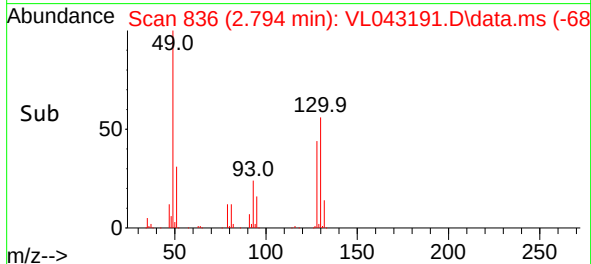
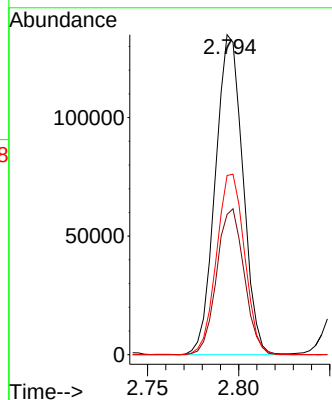
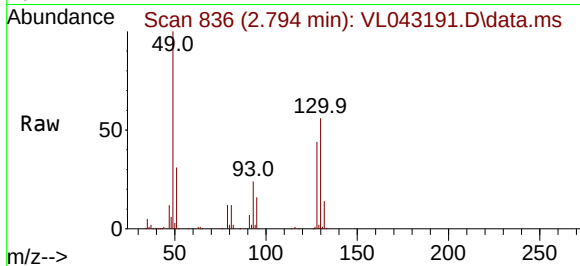




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

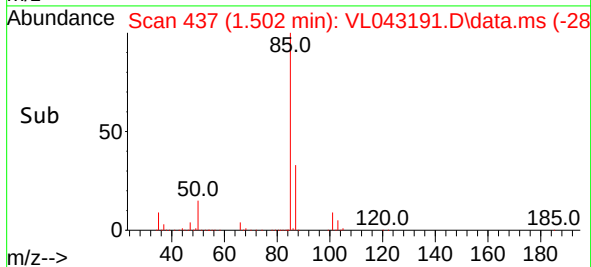
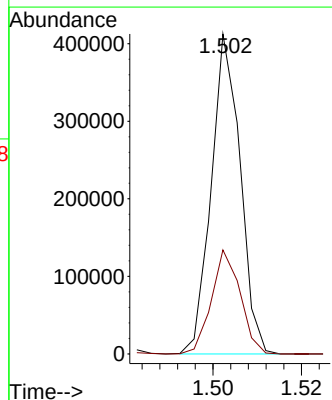
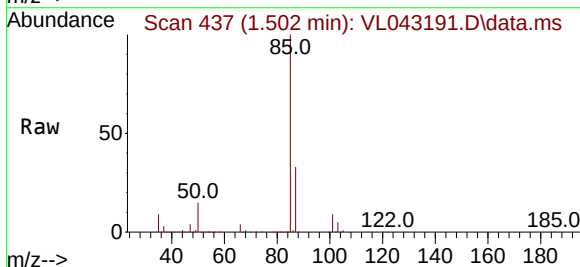
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

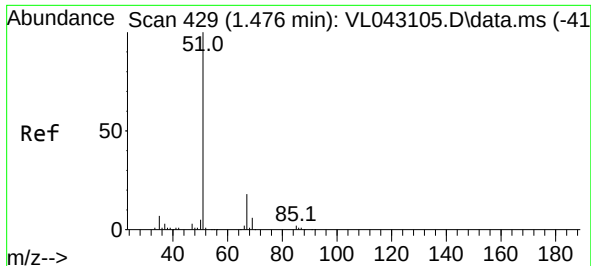
Tgt Ion: 49 Resp: 141757
Ion Ratio Lower Upper
49 100
128 45.6 24.4 73.4
130 57.5 31.0 93.0



#2
Dichlorodifluoromethane
Concen: 9.277 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion: 85 Resp: 186958
Ion Ratio Lower Upper
85 100
87 32.5 25.3 37.9

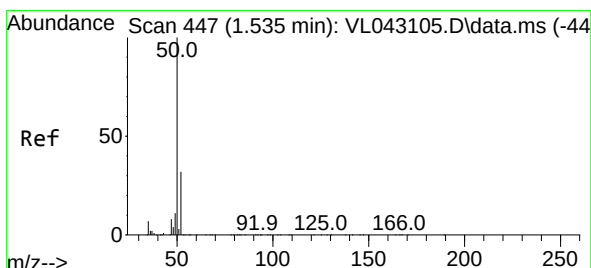
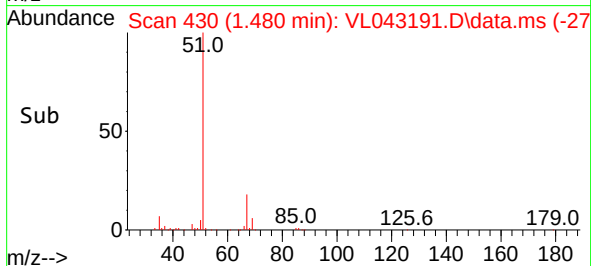
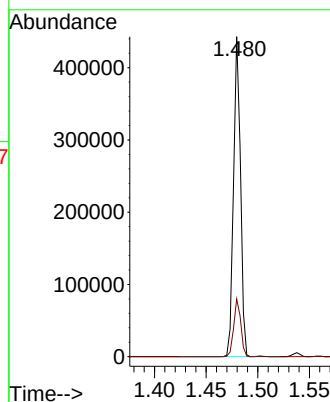
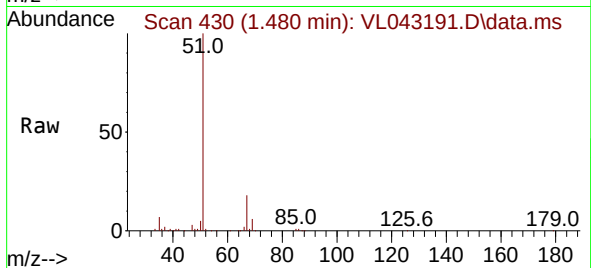




#3
Chlorodifluoromethane
Concen: 9.520 ppbv
RT: 1.480 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

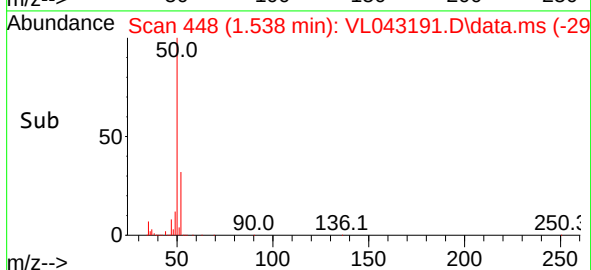
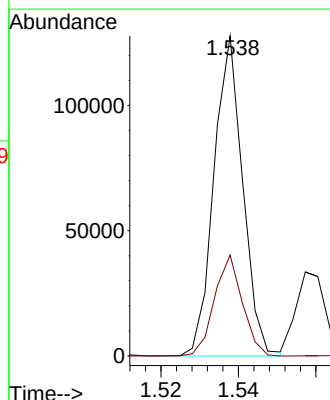
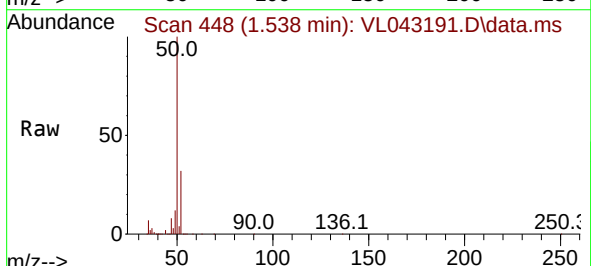
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ClientSampleId :
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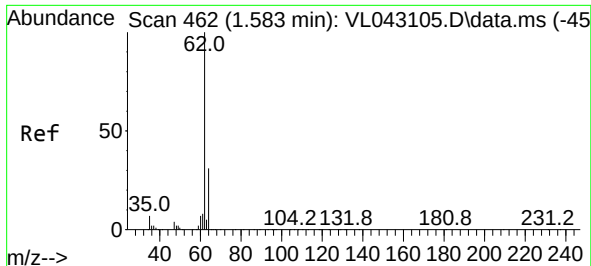
Tgt Ion: 51 Resp: 207578
Ion Ratio Lower Upper
51 100
67 18.3 15.1 22.7



#4
Chloromethane
Concen: 8.267 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion: 50 Resp: 66004
Ion Ratio Lower Upper
50 100
52 31.5 25.2 37.8

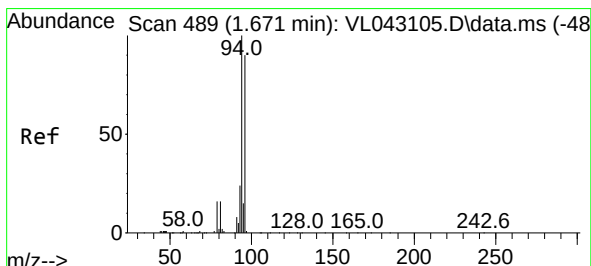
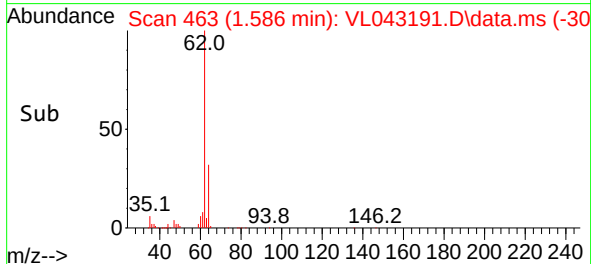
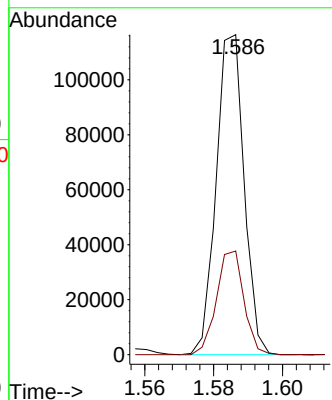
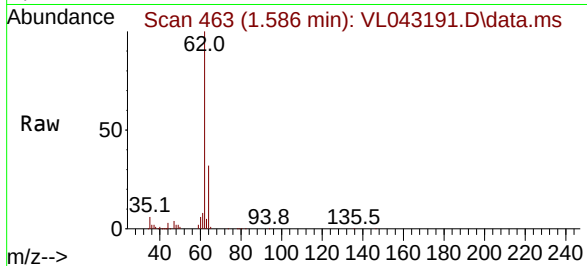




#5
 Vinyl Chloride
 Concen: 8.368 ppbv
 RT: 1.586 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

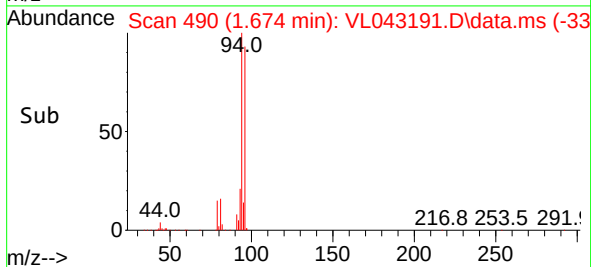
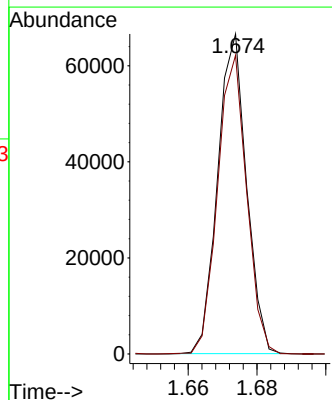
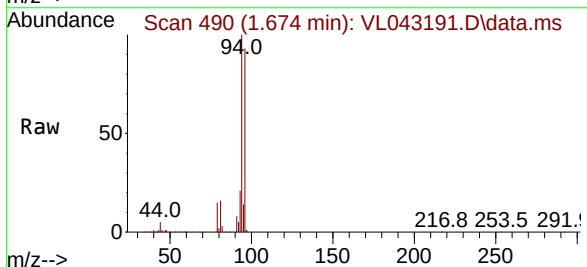
Instrument :
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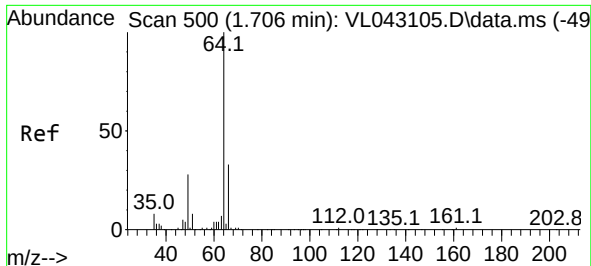
Tgt Ion: 62 Resp: 65529
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.6 36.8



#6
 Bromomethane
 Concen: 9.032 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.003 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

Tgt Ion: 94 Resp: 38785
 Ion Ratio Lower Upper
 94 100
 96 93.4 72.2 108.4

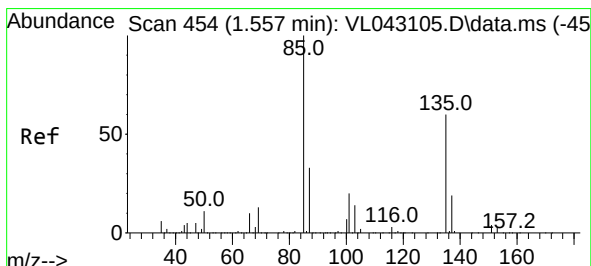
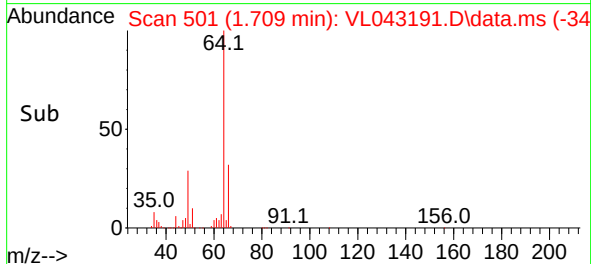
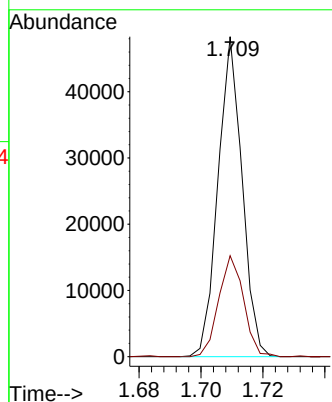
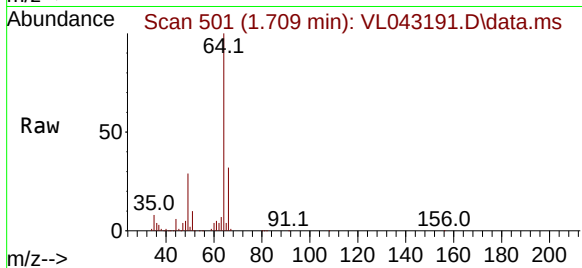




#7
Chloroethane
Concen: 8.142 ppbv
RT: 1.709 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

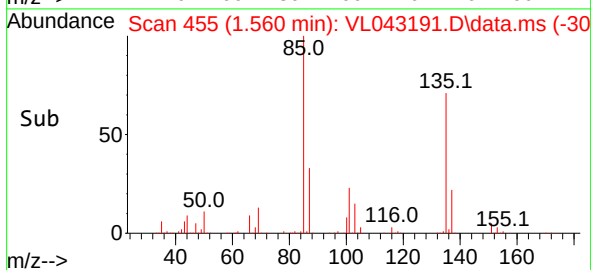
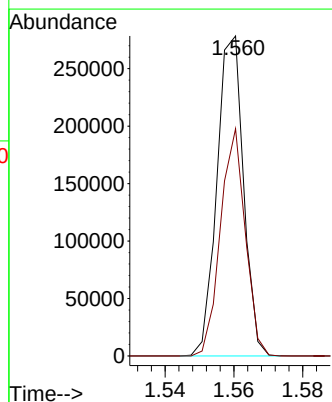
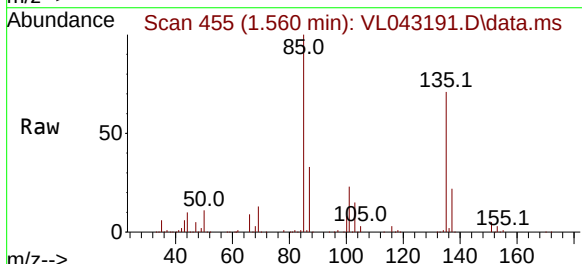
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

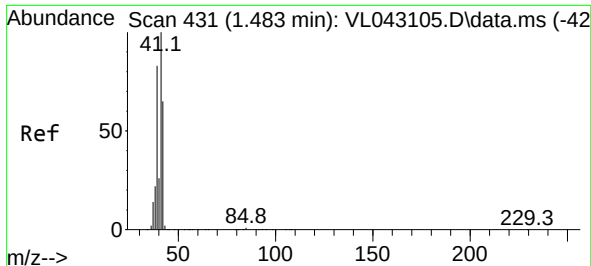
Tgt Ion: 64 Resp: 26067
Ion Ratio Lower Upper
64 100
66 31.6 26.0 39.0



#8
Dichlorotetrafluoroethane
Concen: 9.192 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion: 85 Resp: 149728
Ion Ratio Lower Upper
85 100
135 66.2 48.2 72.4





#9

Propene

Concen: 8.205 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Instrument :

MSVOA_1

ClientSampleId :

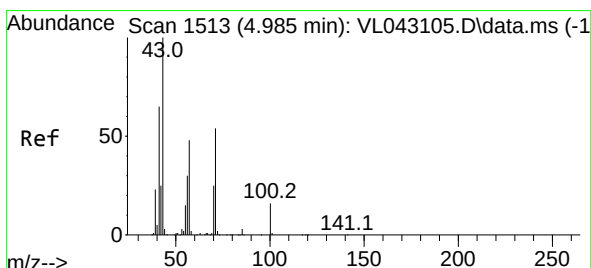
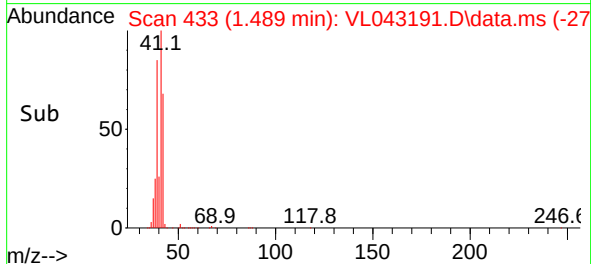
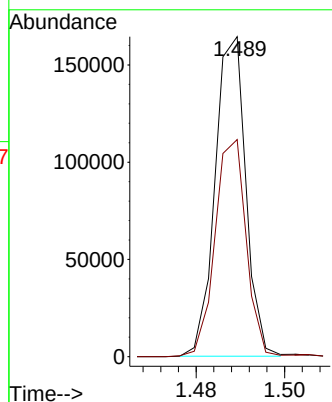
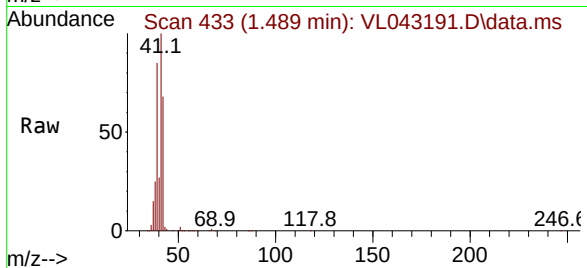
VSTDCCC010

Tgt Ion: 41 Resp: 79350

Ion Ratio Lower Upper

41 100

42 69.7 55.1 82.7



#10

Heptane

Concen: 9.235 ppbv

RT: 4.995 min Scan# 1516

Delta R.T. 0.010 min

Lab File: VL043191.D

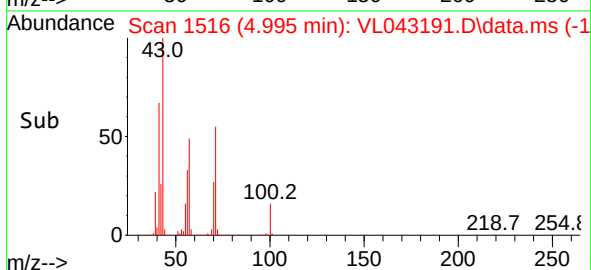
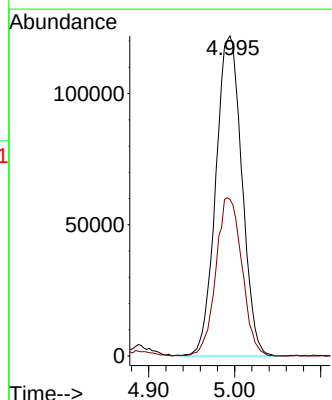
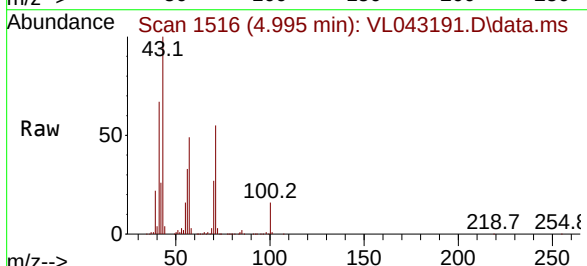
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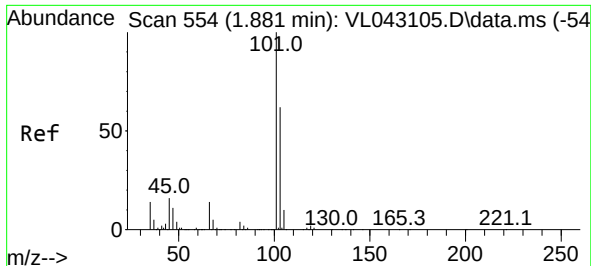
Tgt Ion: 43 Resp: 257113

Ion Ratio Lower Upper

43 100

57 49.3 40.8 61.2

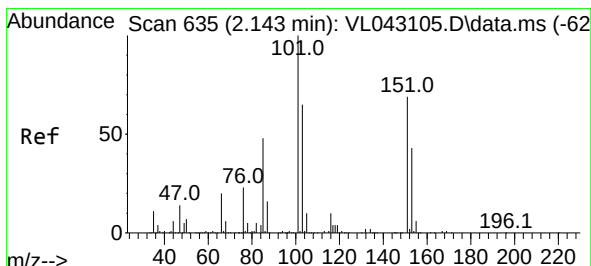
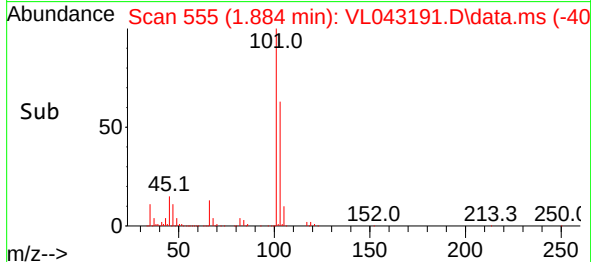
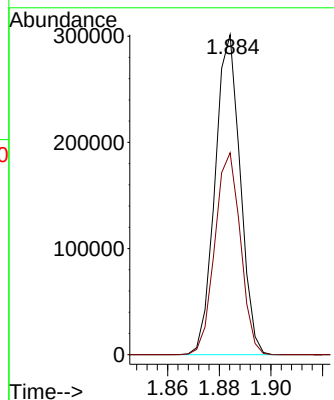
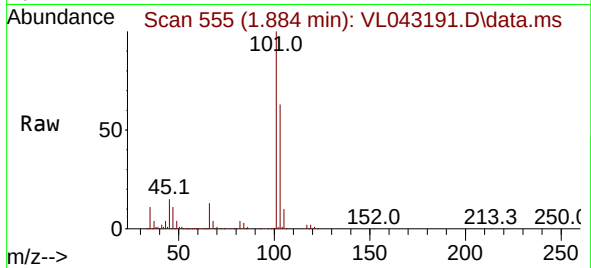




#11
 Trichlorofluoromethane
 Concen: 10.347 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. 0.003 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

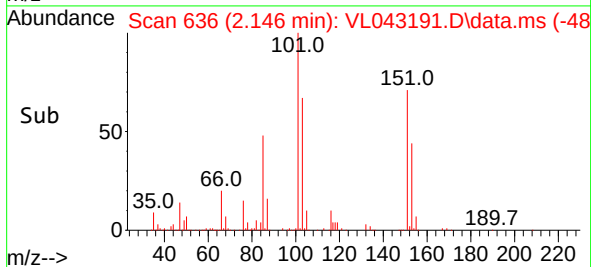
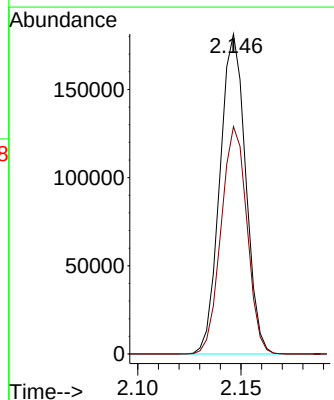
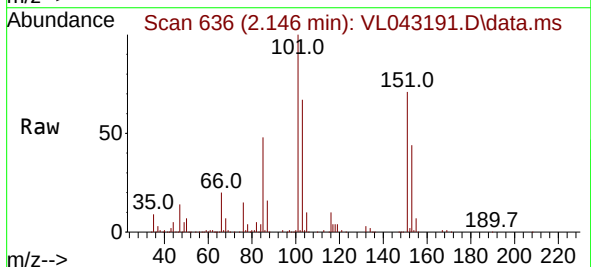
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

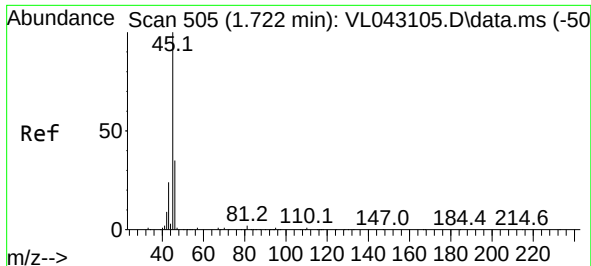
Tgt Ion:101 Resp: 203965
 Ion Ratio Lower Upper
 101 100
 103 63.1 49.3 73.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.906 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. 0.003 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

Tgt Ion:101 Resp: 157214
 Ion Ratio Lower Upper
 101 100
 151 71.3 54.7 82.1

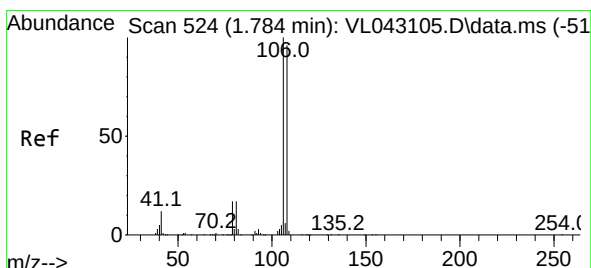
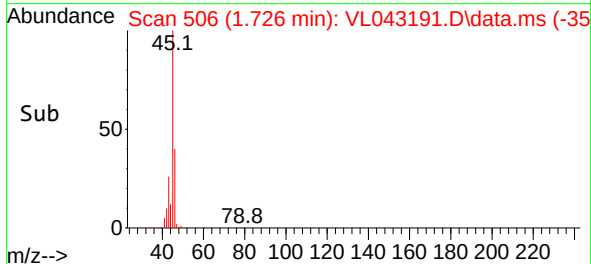
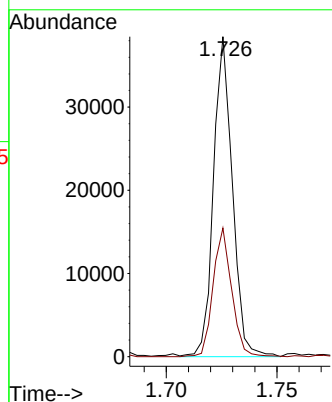
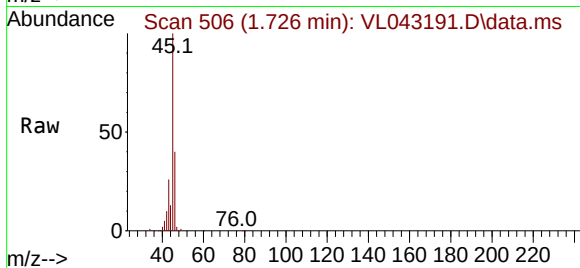




#13
Ethanol
Concen: 6.395 ppbv
RT: 1.726 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

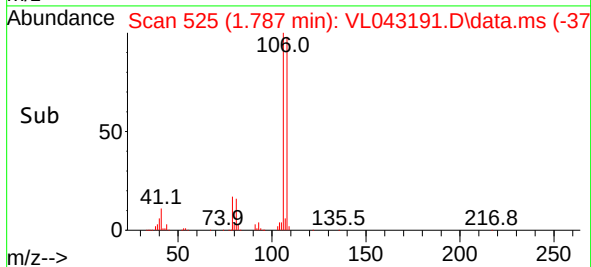
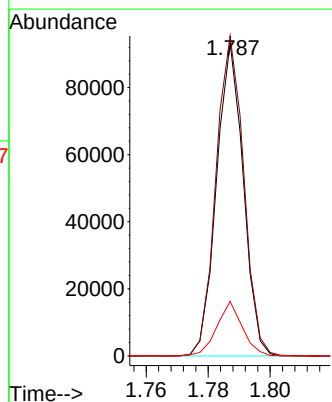
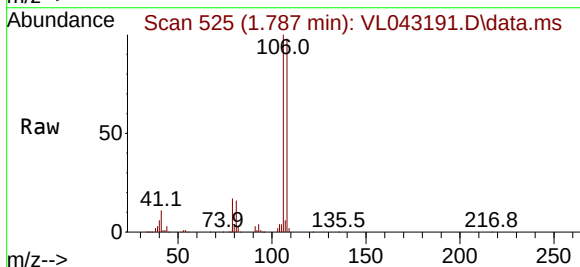
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

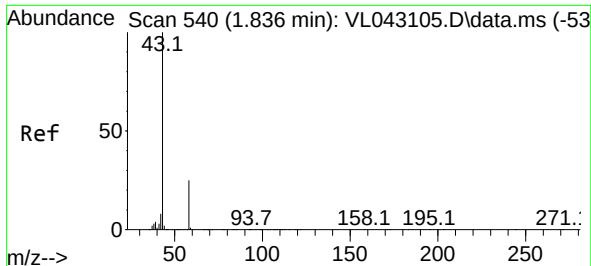
Tgt Ion: 45 Resp: 22877
Ion Ratio Lower Upper
45 100
46 40.0 14.7 58.9



#14
Bromoethene
Concen: 9.474 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion: 108 Resp: 55856
Ion Ratio Lower Upper
108 100
106 105.7 84.4 126.6
79 17.0 15.3 22.9

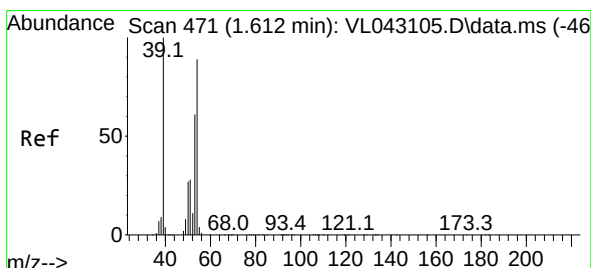
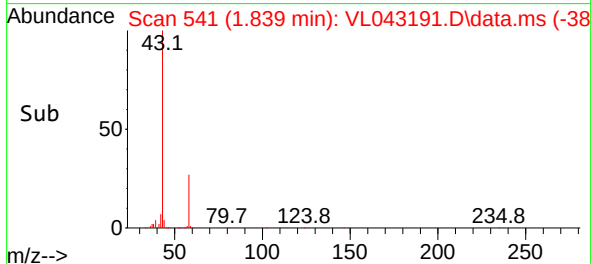
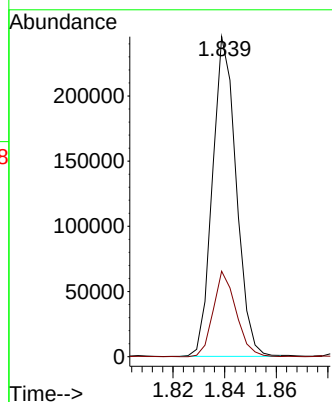
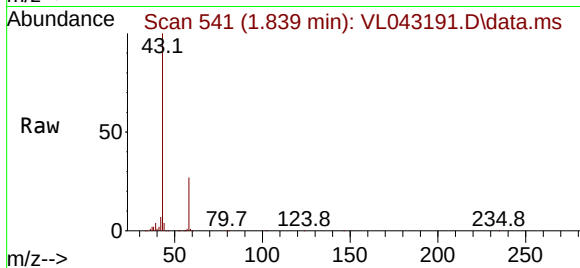




#15
Acetone
Concen: 8.222 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

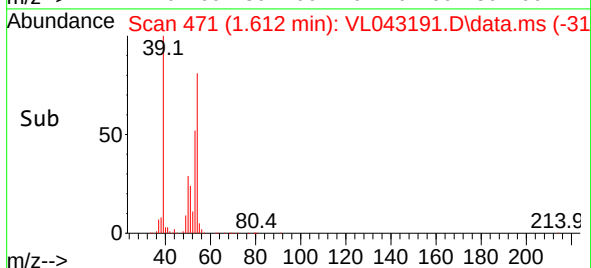
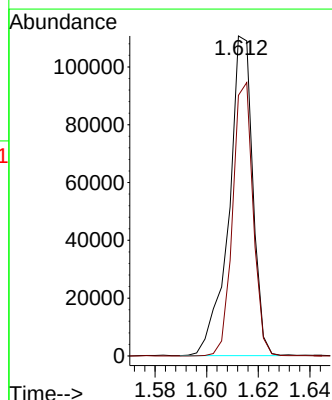
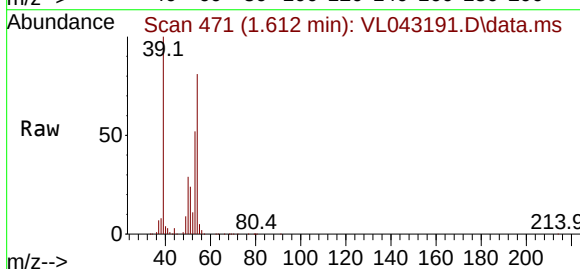
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

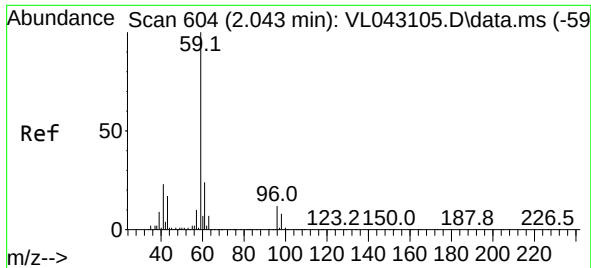
Tgt Ion: 43 Resp: 157089
Ion Ratio Lower Upper
43 100
58 25.8 20.8 31.2



#16
1,3-Butadiene
Concen: 7.828 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion: 39 Resp: 71284
Ion Ratio Lower Upper
39 100
54 73.4 59.0 88.4

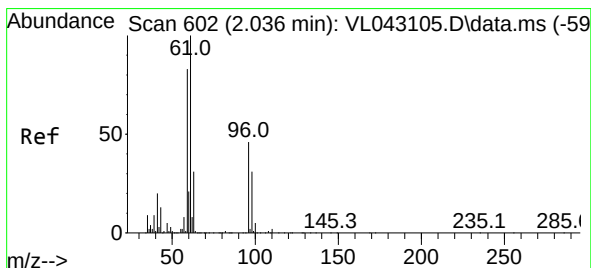
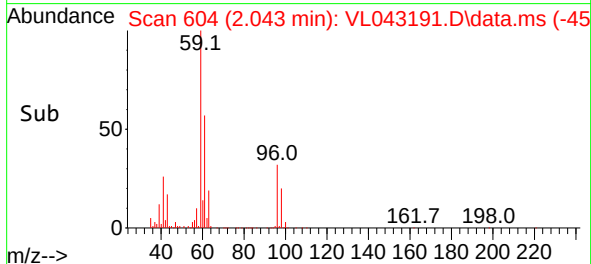
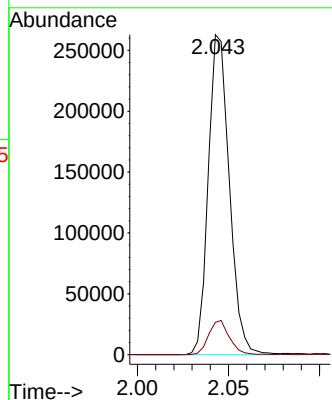
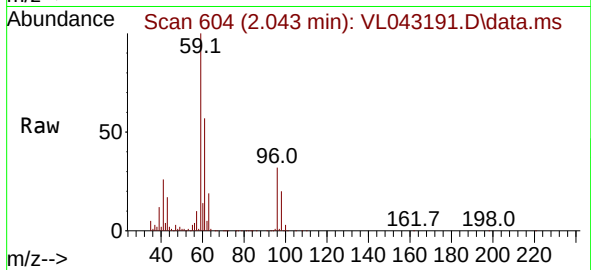




#17
 tert-Butyl alcohol
 Concen: 8.089 ppbv
 RT: 2.043 min Scan# 604
 Delta R.T. 0.000 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

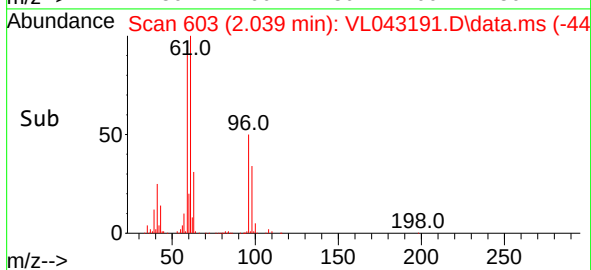
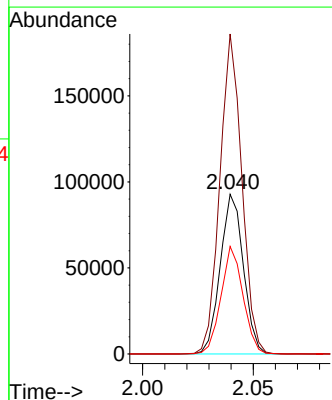
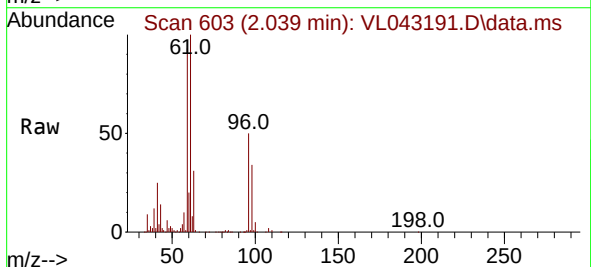
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

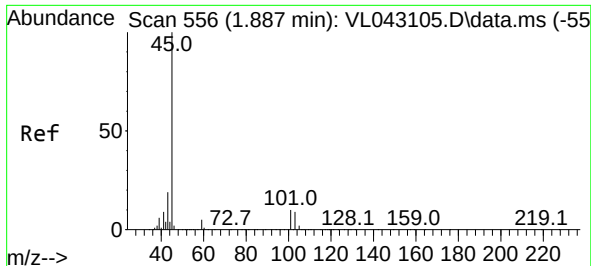
Tgt Ion: 59 Resp: 212144
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4



#18
 1,1-Dichloroethene
 Concen: 9.773 ppbv
 RT: 2.039 min Scan# 603
 Delta R.T. 0.003 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

Tgt Ion: 96 Resp: 67616
 Ion Ratio Lower Upper
 96 100
 61 200.3 173.4 260.0
 98 67.3 53.2 79.8

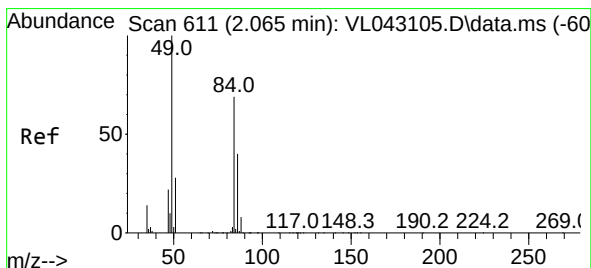
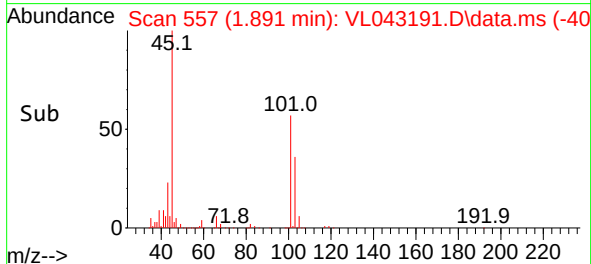
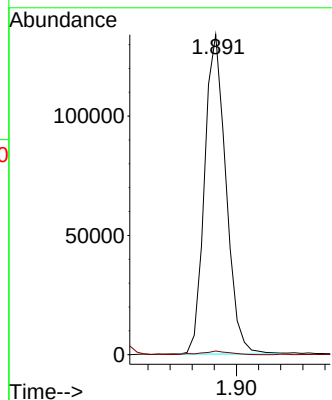
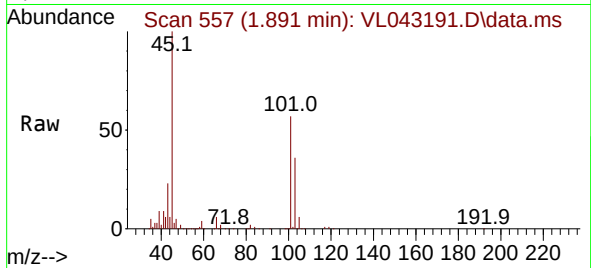




#19
Isopropyl Alcohol
Concen: 7.541 ppbv
RT: 1.891 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

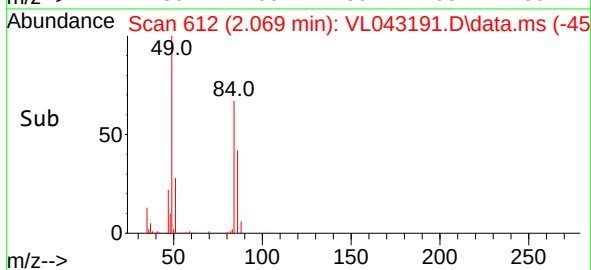
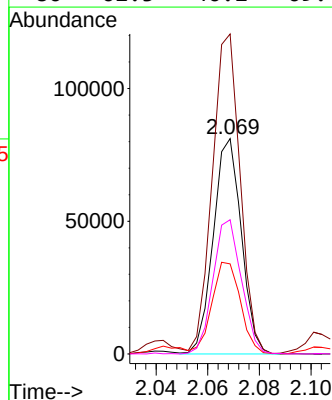
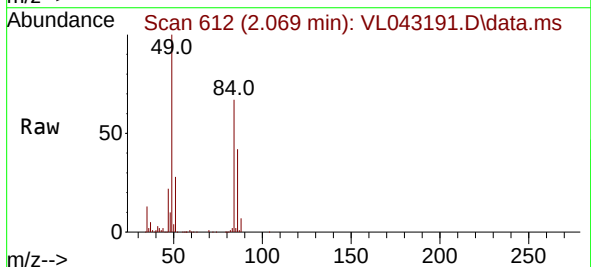
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

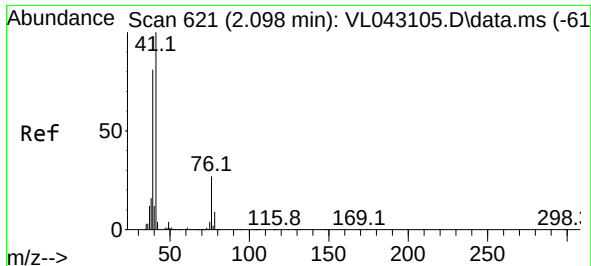
Tgt Ion: 45 Resp: 89741
Ion Ratio Lower Upper
45 100
58 45.2 31.3 46.9



#20
Methylene Chloride
Concen: 8.114 ppbv
RT: 2.069 min Scan# 612
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion: 84 Resp: 61280
Ion Ratio Lower Upper
84 100
49 148.2 116.6 175.0
51 41.6 34.8 52.2
86 62.3 46.2 69.4





#21

Allyl Chloride

Concen: 8.450 ppbv

RT: 2.101 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

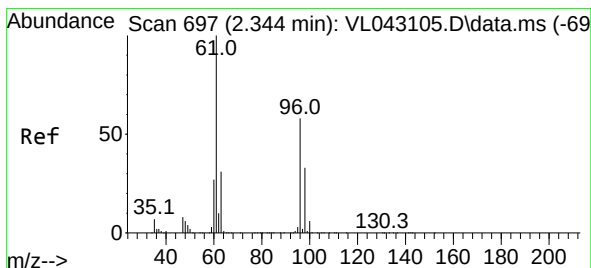
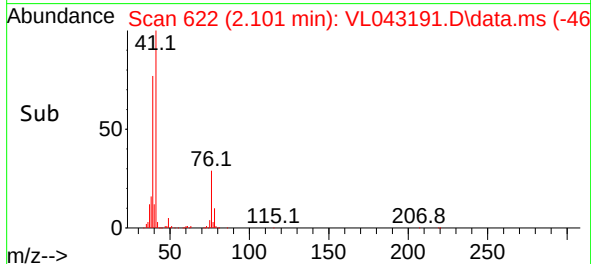
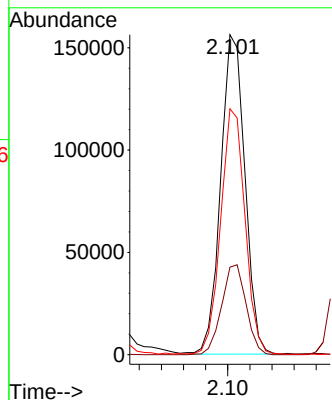
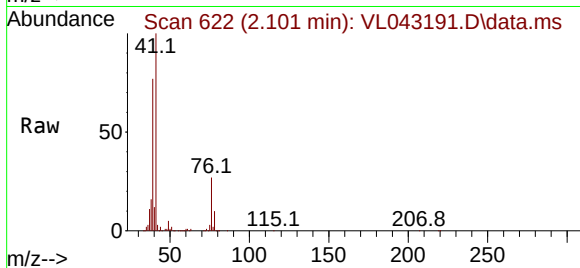
Tgt Ion: 41 Resp: 118968

Ion Ratio Lower Upper

41 100

76 28.4 21.5 32.3

39 77.2 60.8 91.2



#22

trans-1,2-Dichloroethene

Concen: 9.336 ppbv

RT: 2.347 min Scan# 698

Delta R.T. 0.003 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

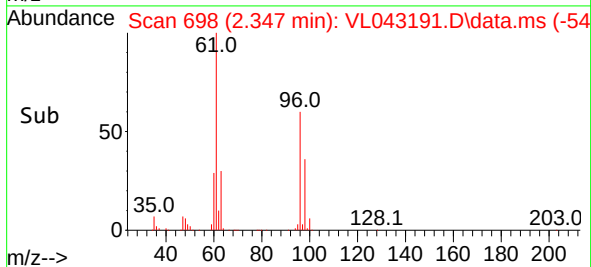
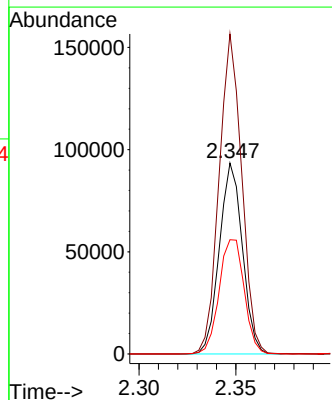
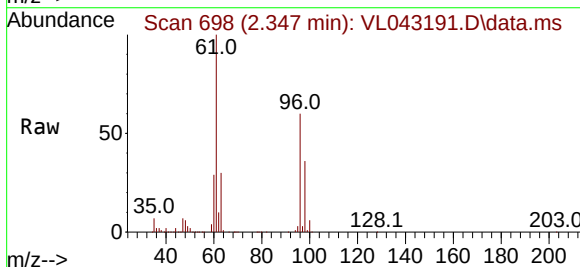
Tgt Ion: 96 Resp: 77213

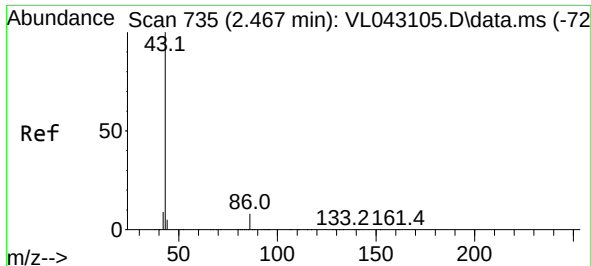
Ion Ratio Lower Upper

96 100

61 167.6 137.0 205.6

98 59.8 45.5 68.3

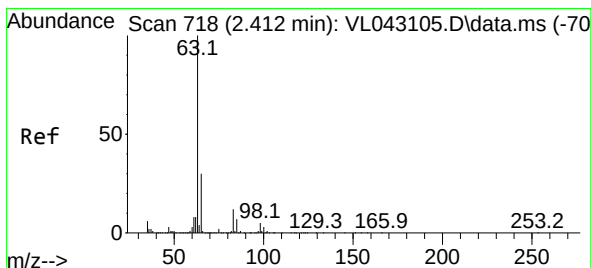
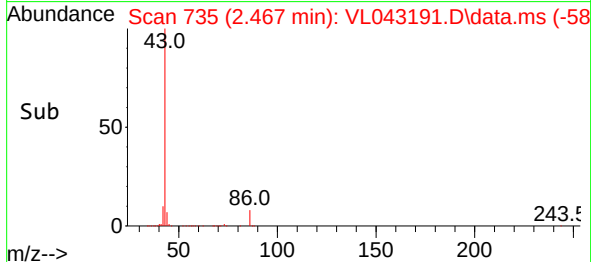
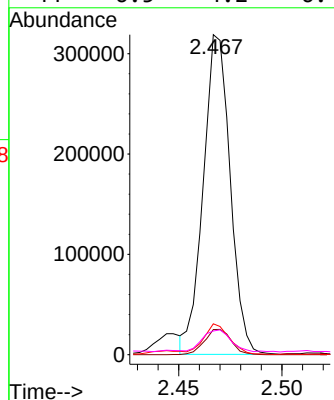
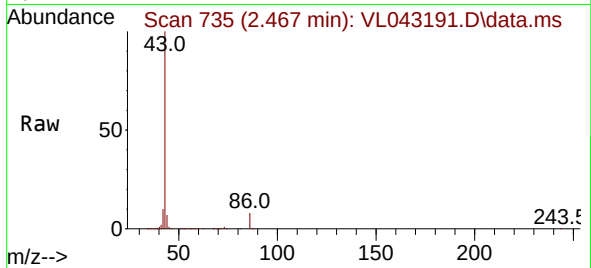




#23
 Vinyl Acetate
 Concen: 10.319 ppbv
 RT: 2.467 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

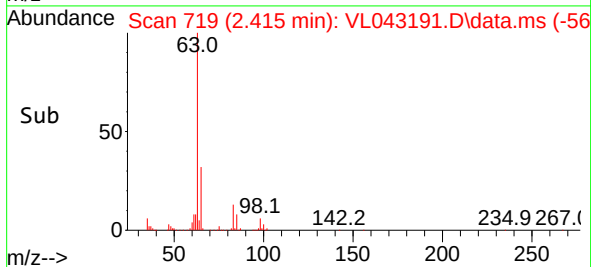
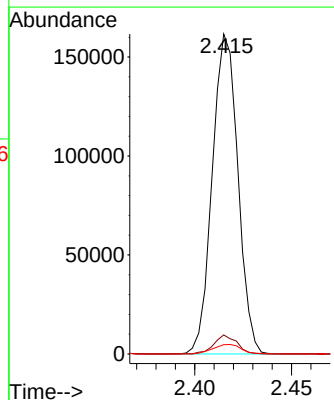
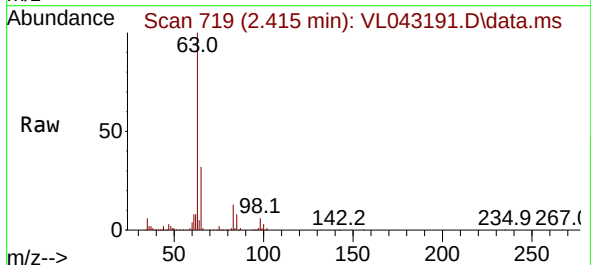
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

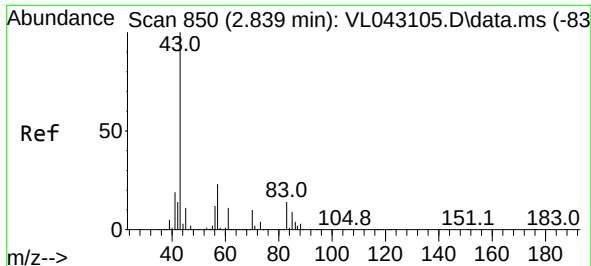
Tgt Ion:	43	Resp:	288816
Ion	Ratio	Lower	Upper
43	100		
86	7.9	6.2	9.2
42	9.5	7.6	11.4
44	6.5	4.2	6.4



#24
 1,1-Dichloroethane
 Concen: 9.305 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

Tgt Ion:	63	Resp:	148680
Ion	Ratio	Lower	Upper
63	100		
98	6.0	2.6	7.8
100	2.9	1.5	4.4



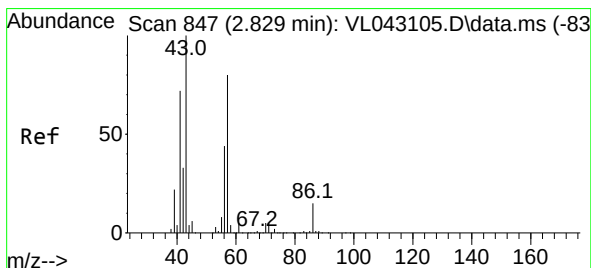
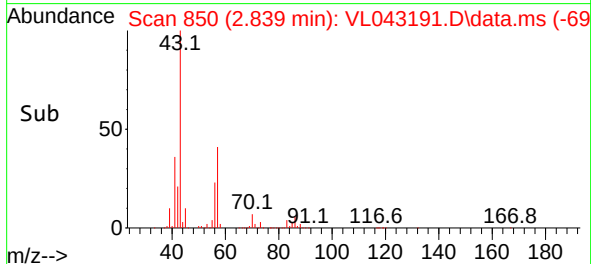
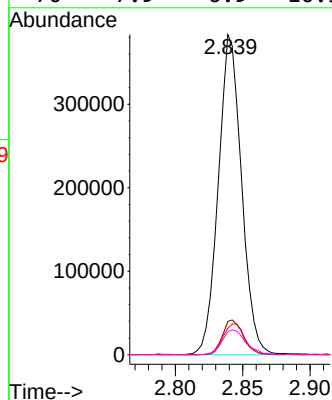
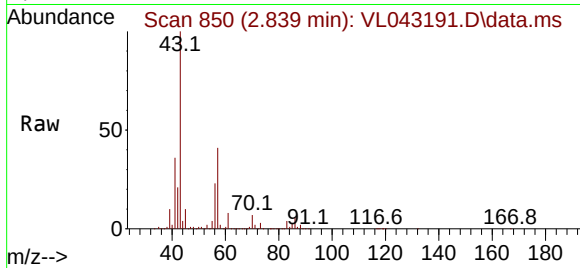


#25
Ethyl Acetate
Concen: 9.682 ppbv
RT: 2.839 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 458770

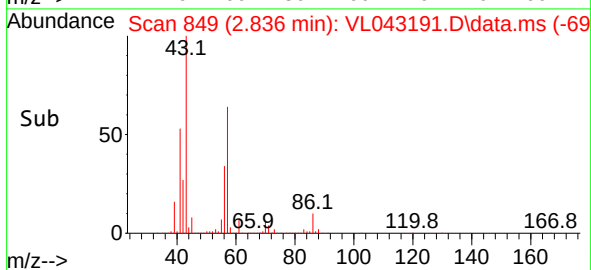
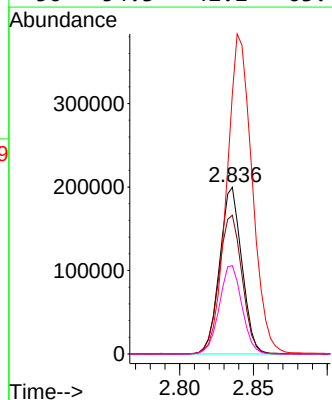
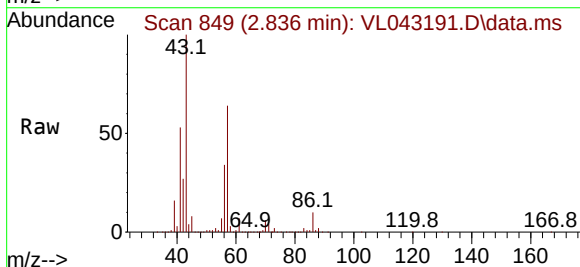
Ion	Ratio	Lower	Upper
43	100		
45	10.0	7.8	11.8
61	8.9	7.0	10.6
70	7.9	6.9	10.3

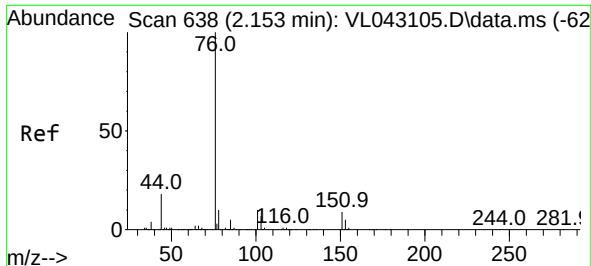


#26
Hexane
Concen: 9.534 ppbv
RT: 2.836 min Scan# 849
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion: 57 Resp: 208153

Ion	Ratio	Lower	Upper
57	100		
41	88.5	71.4	107.0
43	221.3	178.5	267.7
56	54.3	42.2	63.4

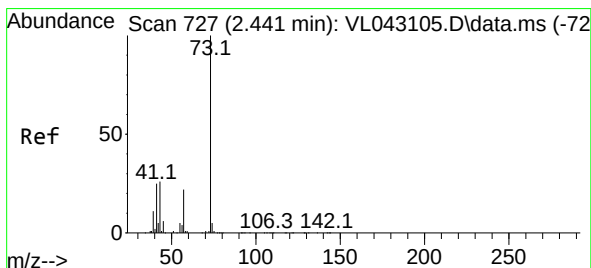
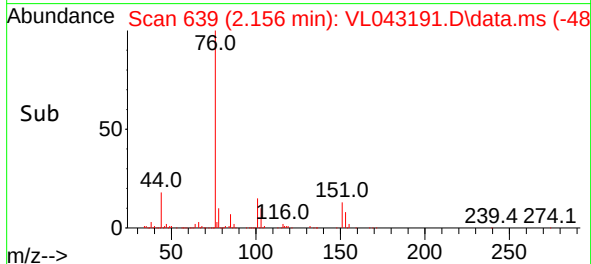
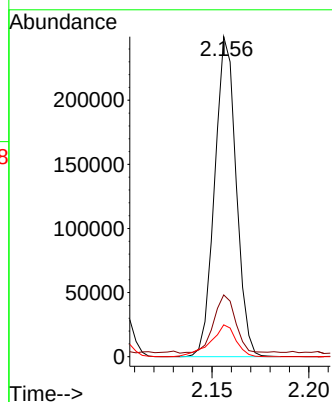
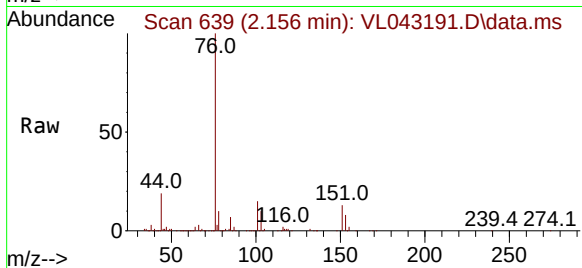




#27
Carbon Disulfide
Concen: 9.620 ppbv
RT: 2.156 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

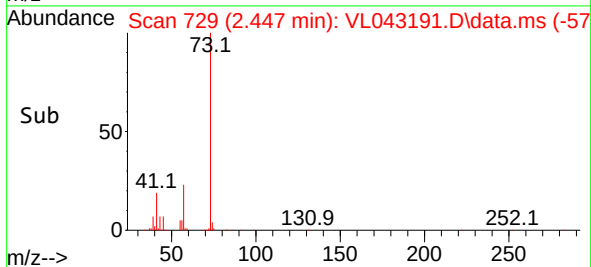
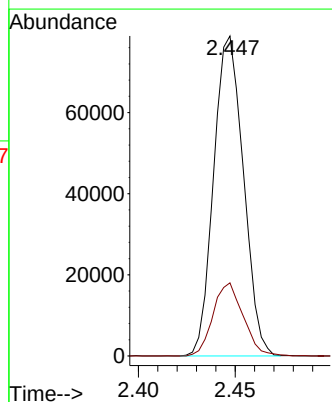
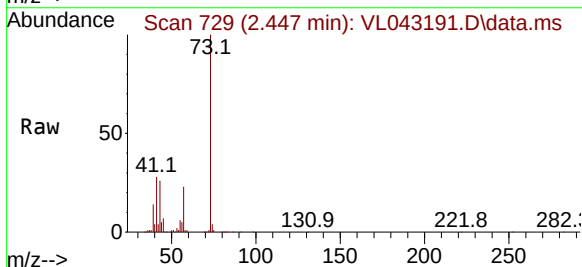
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

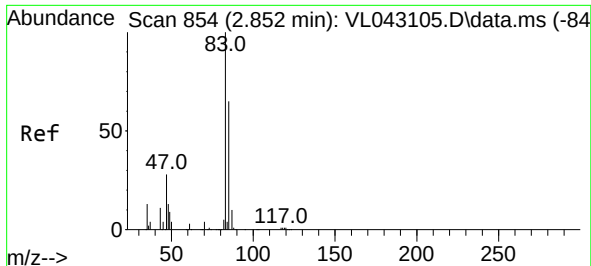
Tgt Ion: 76 Resp: 192431
Ion Ratio Lower Upper
76 100
44 20.7 16.7 25.1
78 11.7 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 8.484 ppbv
RT: 2.447 min Scan# 729
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion: 73 Resp: 84272
Ion Ratio Lower Upper
73 100
57 23.2 20.5 30.7





#29

Chloroform

Concen: 9.723 ppbv

RT: 2.855 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Instrument :

MSVOA_L

ClientSampleId :

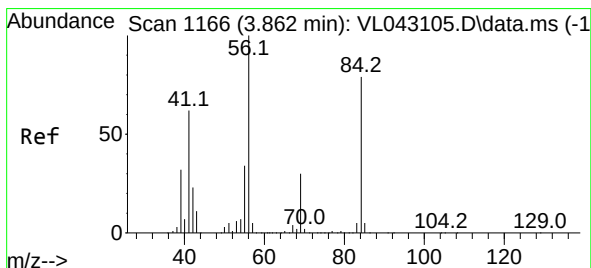
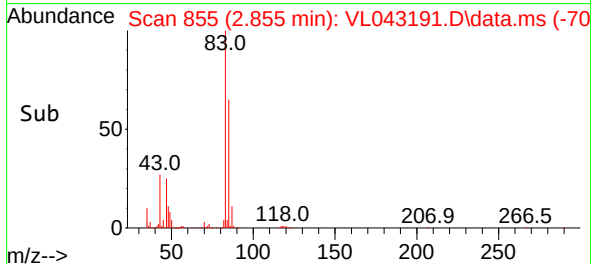
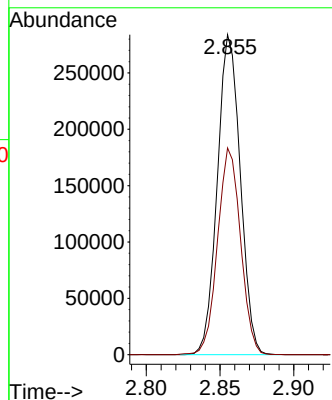
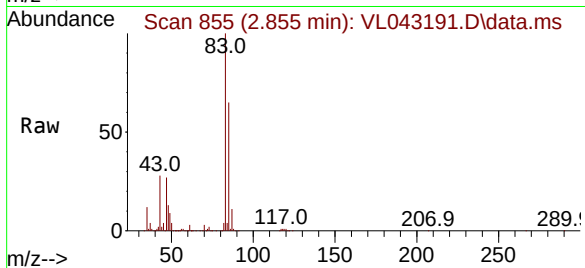
VSTDCCC010

Tgt Ion: 83 Resp: 307588

Ion Ratio Lower Upper

83 100

85 64.6 51.8 77.6



#30

Cyclohexane

Concen: 8.490 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

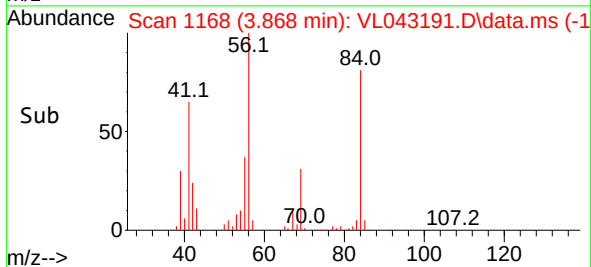
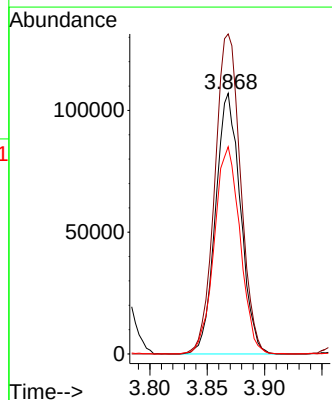
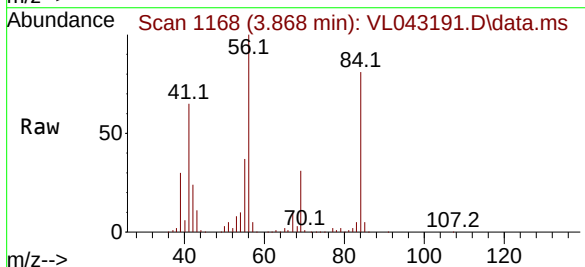
Tgt Ion: 84 Resp: 161792

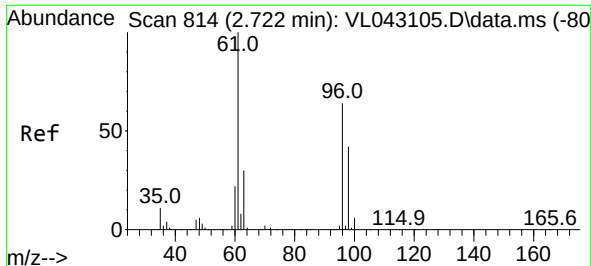
Ion Ratio Lower Upper

84 100

56 126.8 100.9 151.3

41 82.5 63.8 95.6

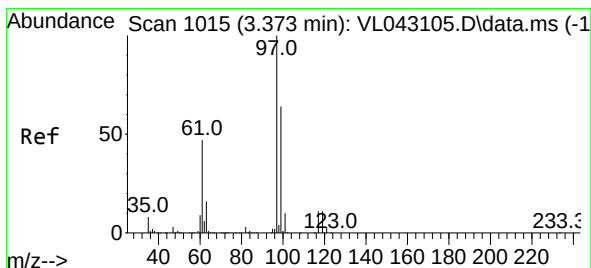
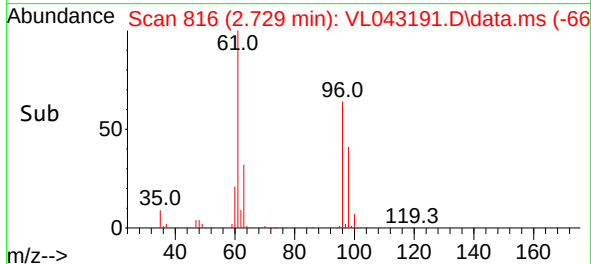
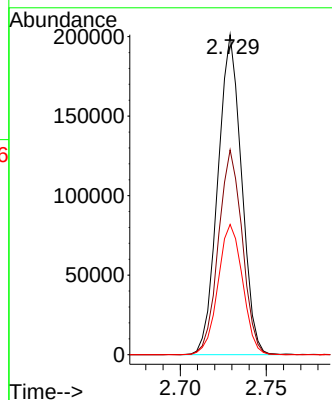
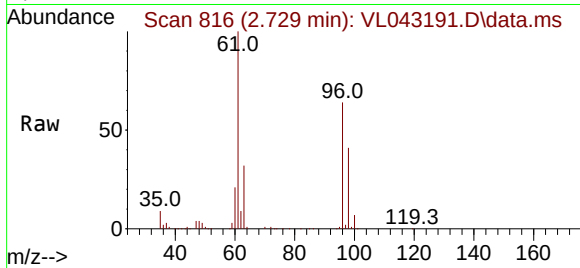




#31
 cis-1,2-Dichloroethene
 Concen: 9.244 ppbv
 RT: 2.729 min Scan# 814
 Delta R.T. 0.006 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

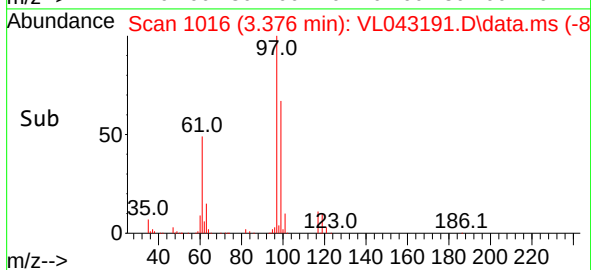
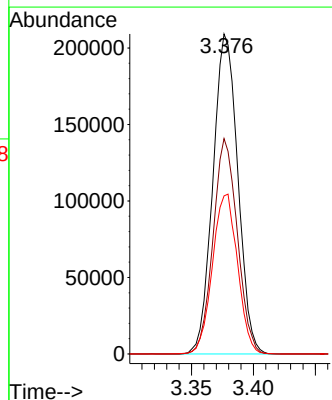
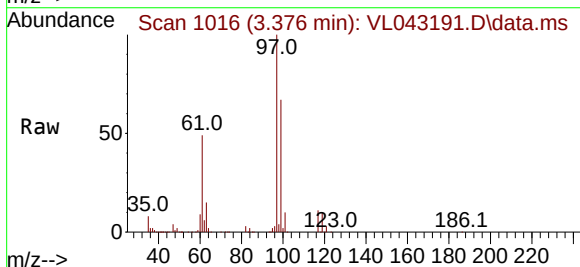
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

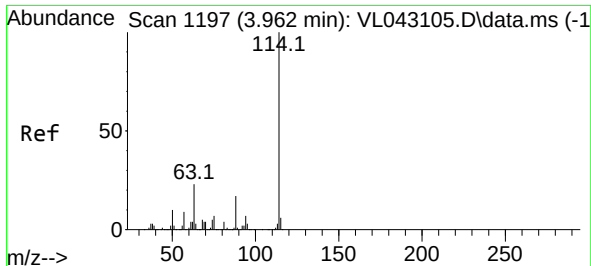
Tgt Ion: 61 Resp: 192730
 Ion Ratio Lower Upper
 61 100
 96 64.0 51.0 76.6
 98 40.7 33.5 50.3



#32
 1,1,1-Trichloroethane
 Concen: 8.887 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.003 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

Tgt Ion: 97 Resp: 292767
 Ion Ratio Lower Upper
 97 100
 99 65.4 51.3 76.9
 61 50.5 38.4 57.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.969 min Scan# 1199

Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

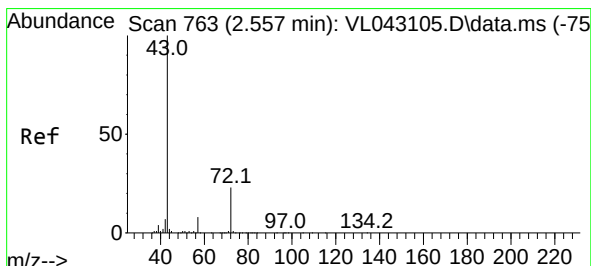
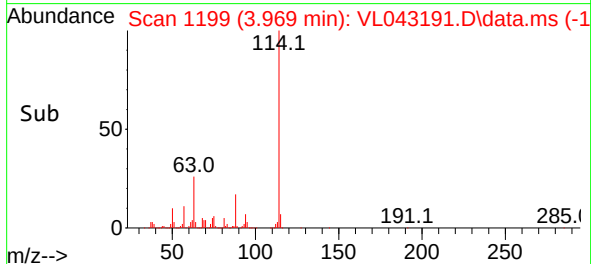
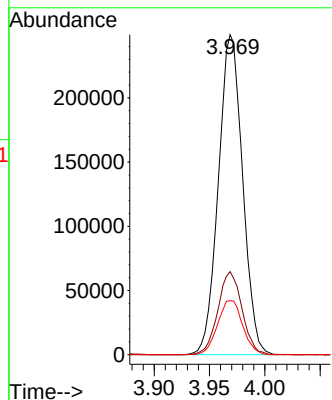
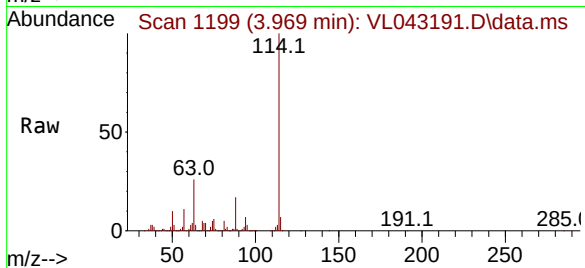
Tgt Ion:114 Resp: 379323

Ion Ratio Lower Upper

114 100

63 25.8 19.3 28.9

88 17.6 13.9 20.9



#34

2-Butanone

Concen: 11.940 ppbv

RT: 2.561 min Scan# 764

Delta R.T. 0.003 min

Lab File: VL043191.D

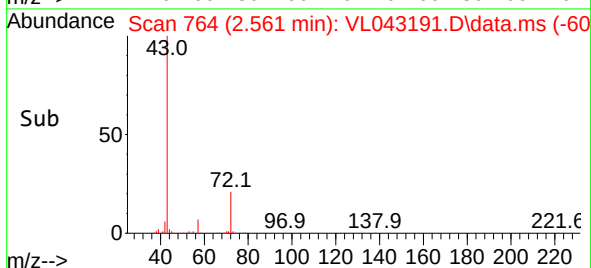
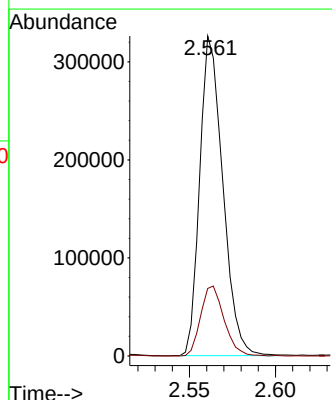
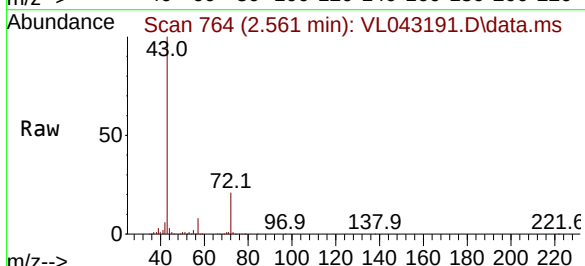
Acq: 13 Nov 2025 09:01

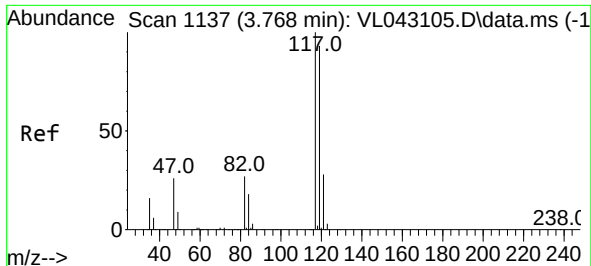
Tgt Ion: 43 Resp: 304449

Ion Ratio Lower Upper

43 100

72 22.2 18.4 27.6

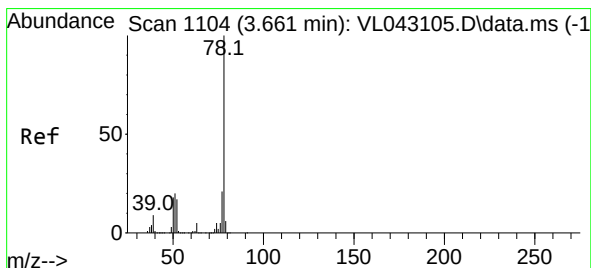
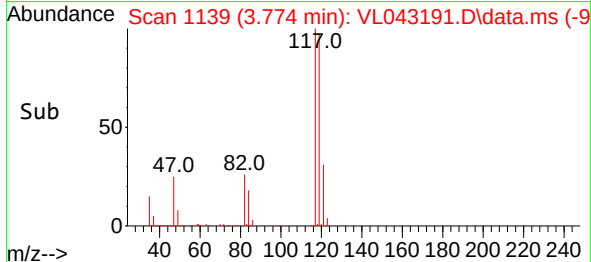
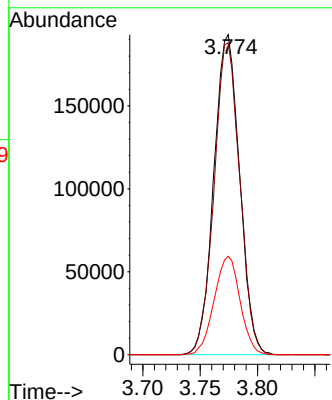
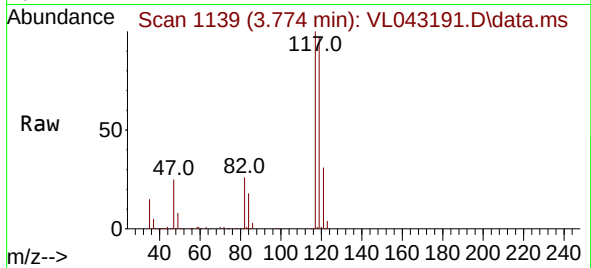




#35
Carbon Tetrachloride
Concen: 11.078 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

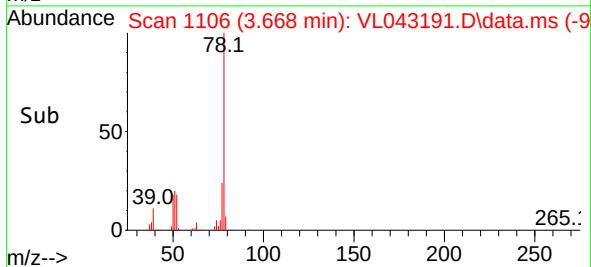
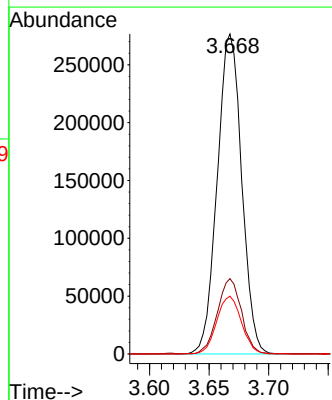
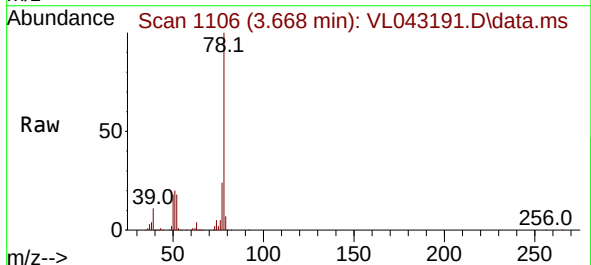
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

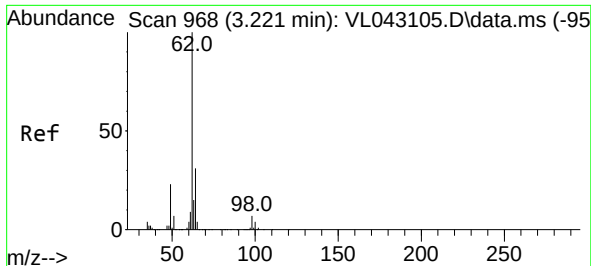
Tgt Ion:117 Resp: 302120
Ion Ratio Lower Upper
117 100
119 97.4 74.1 111.1
121 30.7 22.2 33.2



#36
Benzene
Concen: 11.039 ppbv
RT: 3.668 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion: 78 Resp: 394397
Ion Ratio Lower Upper
78 100
77 23.5 17.0 25.6
50 18.0 14.6 22.0





#37

1,2-Dichloroethane

Concen: 11.049 ppbv

RT: 3.227 min Scan# 91

Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Instrument :

MSVOA_L

ClientSampleId :

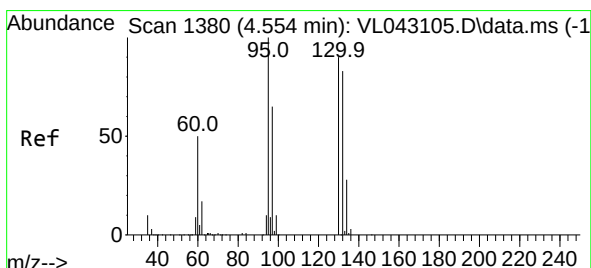
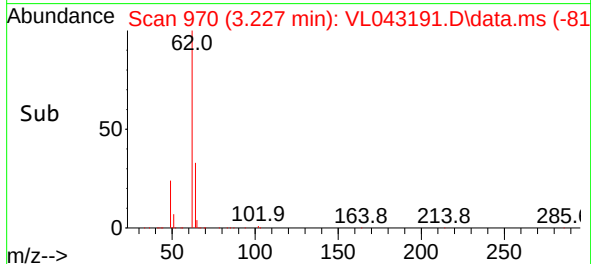
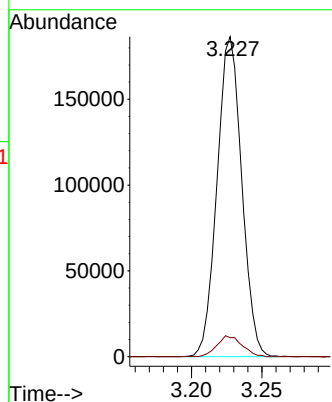
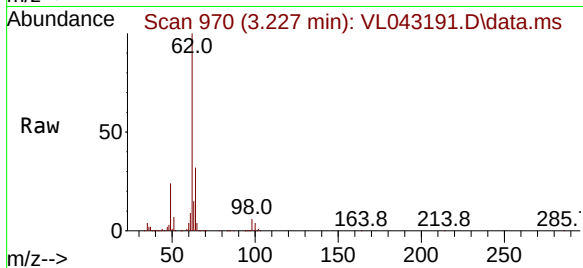
VSTDCCC010

Tgt Ion: 62 Resp: 227409

Ion Ratio Lower Upper

62 100

98 6.7 5.8 8.6



#38

Trichloroethene

Concen: 9.599 ppbv

RT: 4.561 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Tgt Ion:130 Resp: 143231

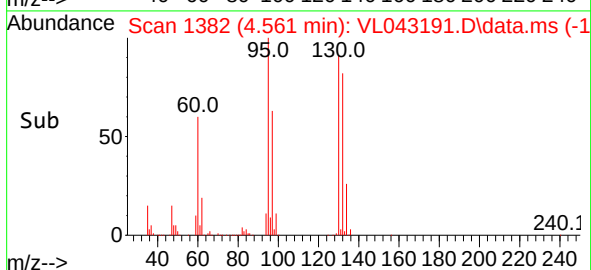
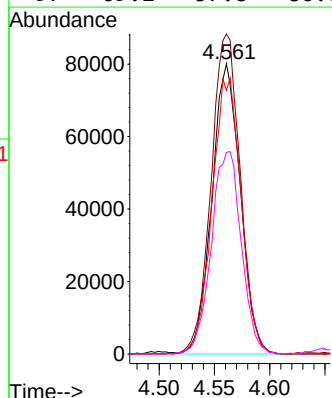
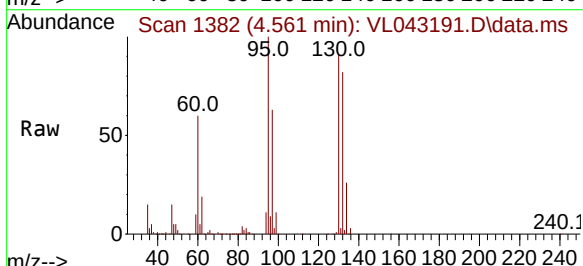
Ion Ratio Lower Upper

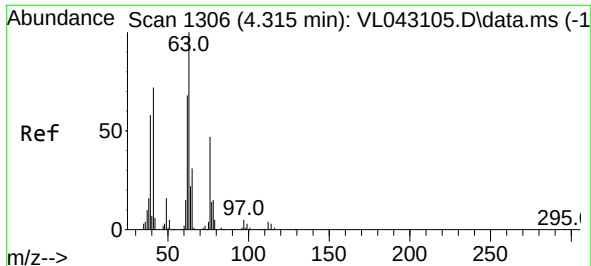
130 100

95 110.2 88.6 133.0

132 90.8 73.4 110.0

97 69.2 57.8 86.6





#39

1,2-Dichloropropane

Concen: 11.310 ppbv

RT: 4.328 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

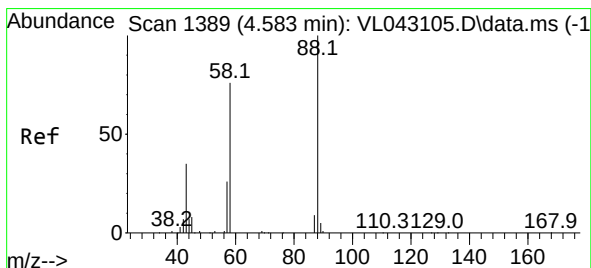
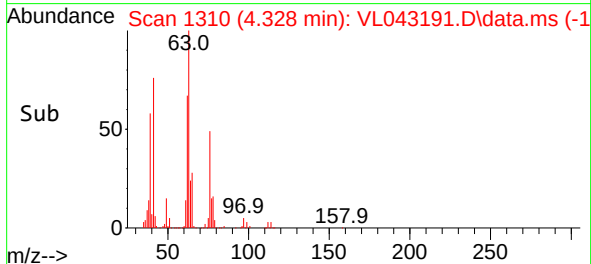
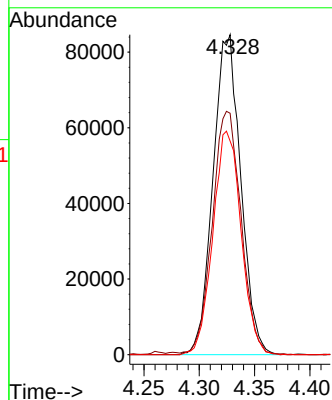
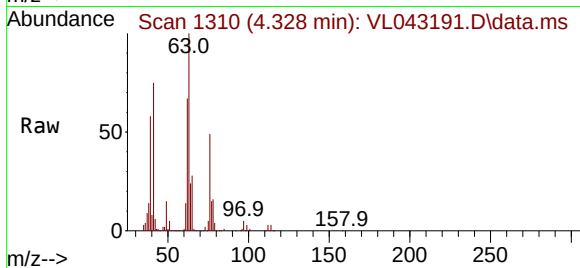
Tgt Ion: 63 Resp: 147718

Ion Ratio Lower Upper

63 100

41 75.2 58.0 87.0

62 66.7 54.7 82.1



#40

1,4-Dioxane

Concen: 9.811 ppbv

RT: 4.590 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Tgt Ion: 88 Resp: 57344

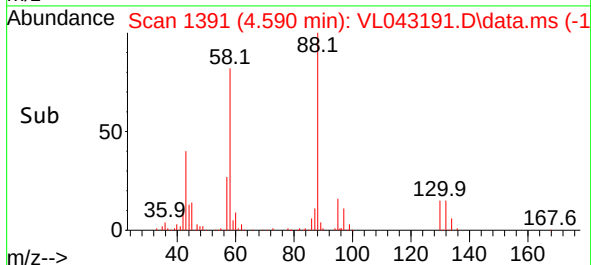
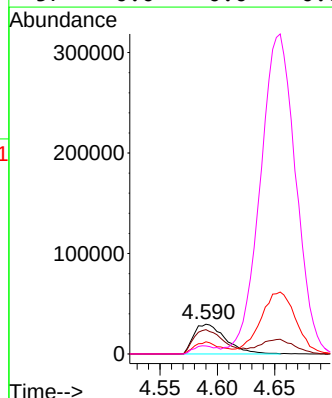
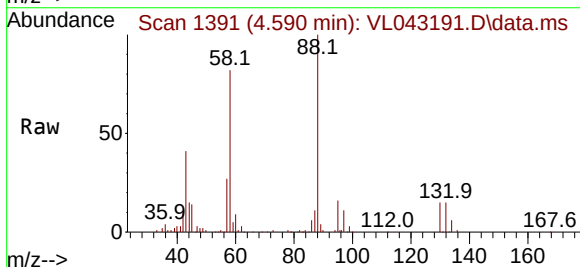
Ion Ratio Lower Upper

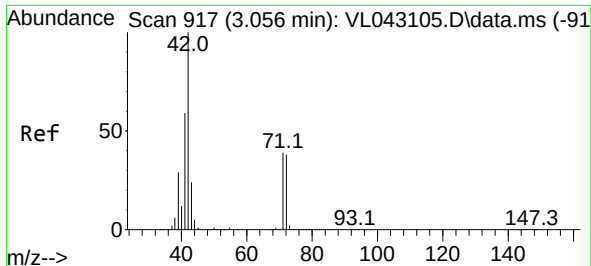
88 100

58 79.2 61.1 91.7

43 35.7 24.0 36.0

57 0.0 0.0 0.0

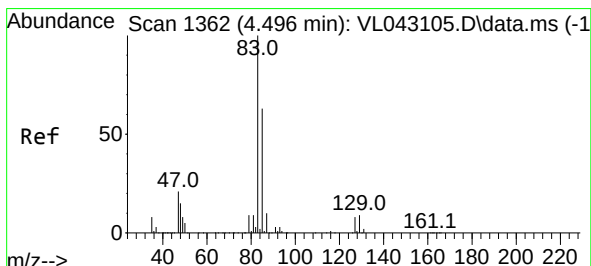
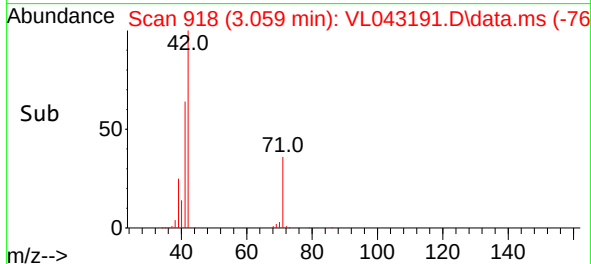
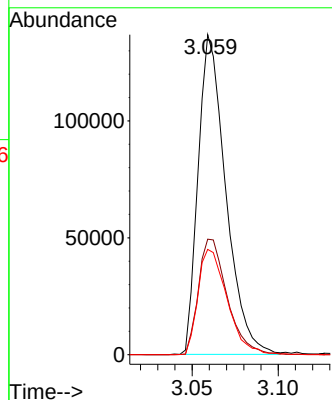
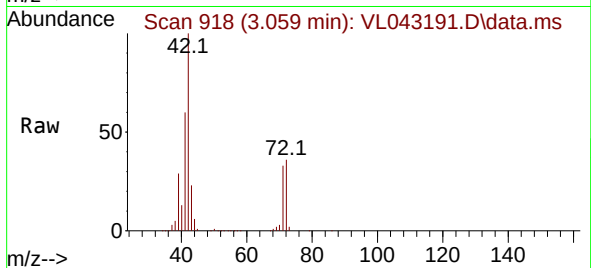




#41
Tetrahydrofuran
Concen: 10.704 ppbv
RT: 3.059 min Scan# 917
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

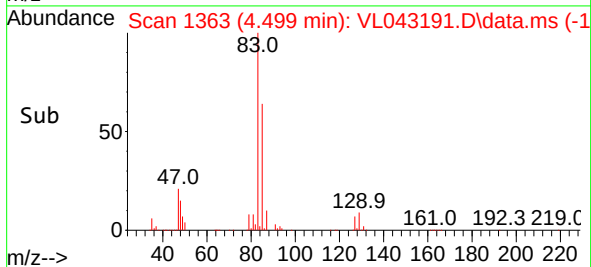
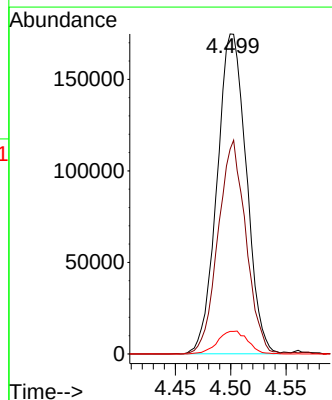
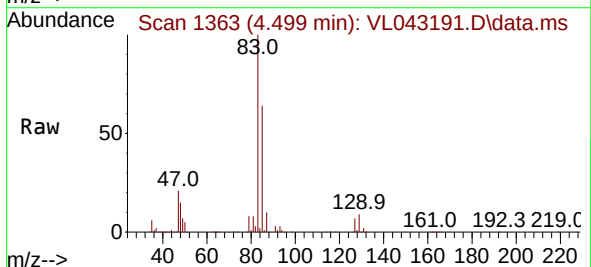
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

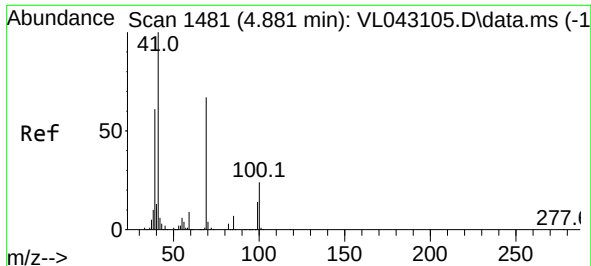
Tgt Ion: 42 Resp: 152660
Ion Ratio Lower Upper
42 100
72 37.8 31.3 46.9
71 34.7 30.4 45.6



#42
Bromodichloromethane
Concen: 11.299 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion: 83 Resp: 321852
Ion Ratio Lower Upper
83 100
85 64.1 50.6 75.8
127 7.1 6.3 9.5





#43

Methyl Methacrylate

Concen: 10.193 ppbv

RT: 4.891 min Scan# 1411

Delta R.T. 0.010 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

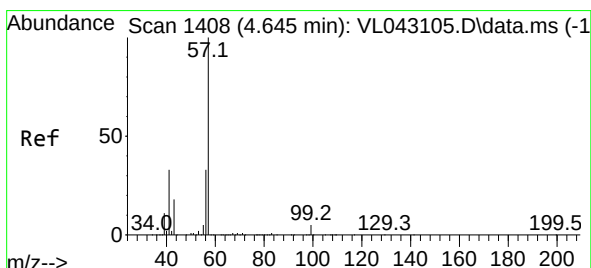
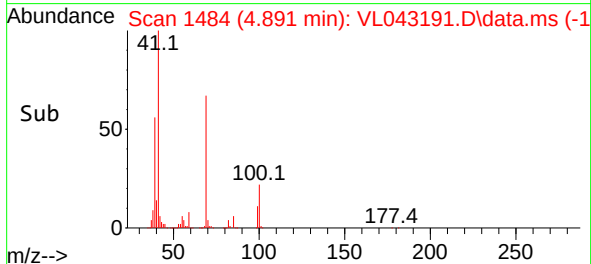
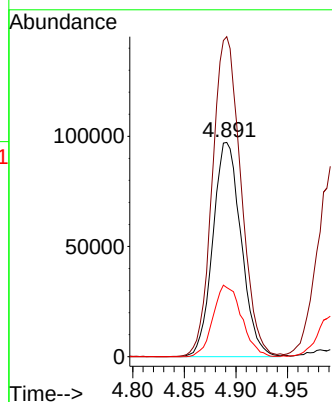
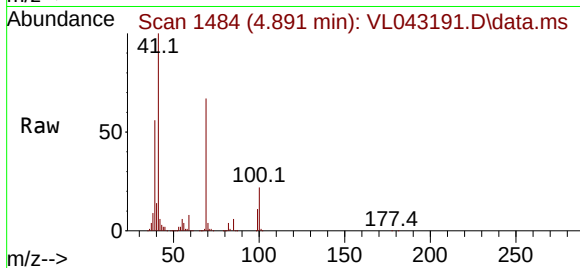
Tgt Ion: 69 Resp: 184954

Ion Ratio Lower Upper

69 100

41 150.9 120.5 180.7

100 33.7 29.0 43.4



#44

2,2,4-Trimethylpentane

Concen: 11.376 ppbv

RT: 4.655 min Scan# 1411

Delta R.T. 0.010 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

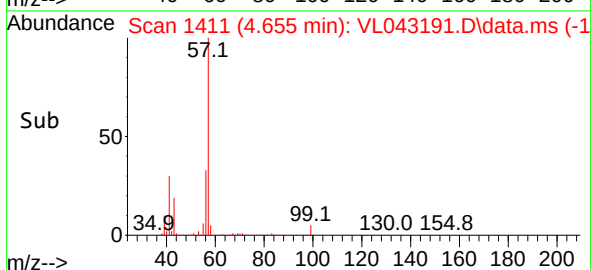
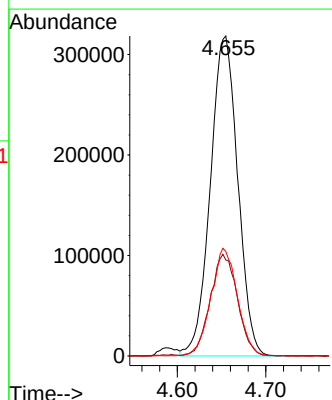
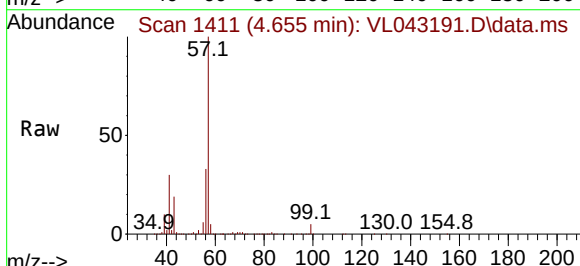
Tgt Ion: 57 Resp: 685708

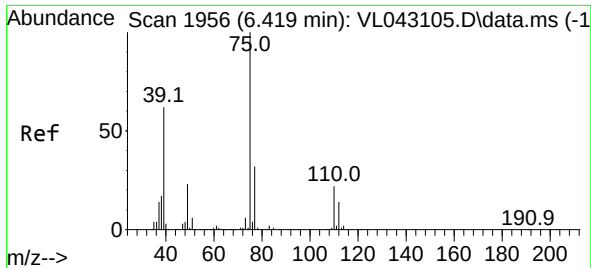
Ion Ratio Lower Upper

57 100

41 32.1 26.3 39.5

56 32.6 25.9 38.9

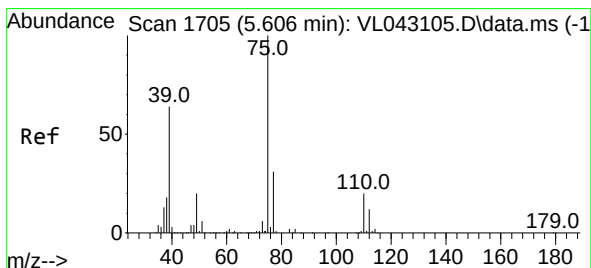
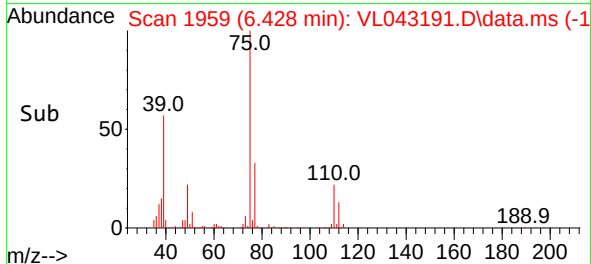
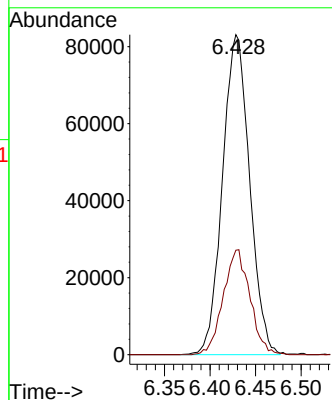
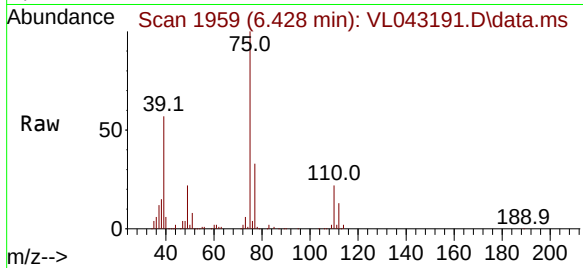




#45
 t-1,3-Dichloropropene
 Concen: 9.458 ppbv
 RT: 6.428 min Scan# 1956
 Delta R.T. 0.010 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

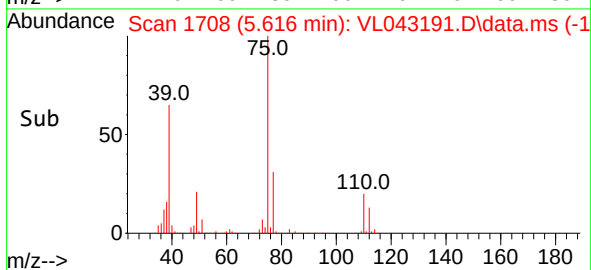
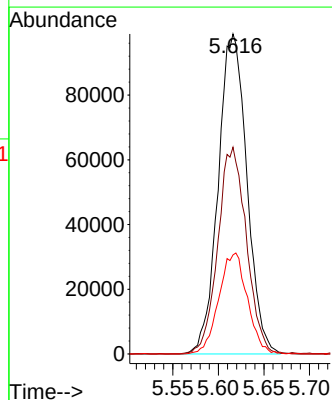
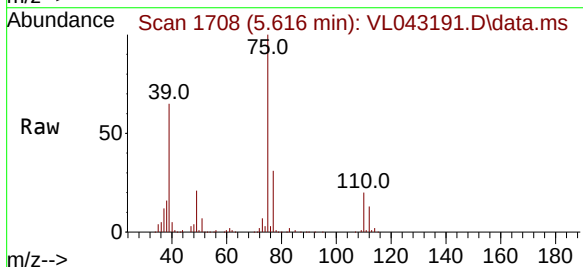
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

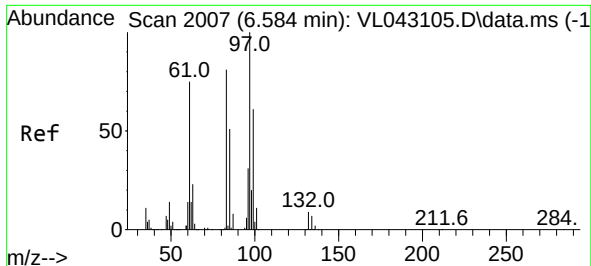
Tgt Ion: 75 Resp: 172223
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.2



#46
 cis-1,3-Dichloropropene
 Concen: 9.947 ppbv
 RT: 5.616 min Scan# 1708
 Delta R.T. 0.010 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

Tgt Ion: 75 Resp: 216380
 Ion Ratio Lower Upper
 75 100
 39 64.6 51.0 76.6
 77 31.0 25.0 37.4





#47

1,1,2-Trichloroethane

Concen: 10.924 ppbv

RT: 6.590 min Scan# 2007

Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 154071

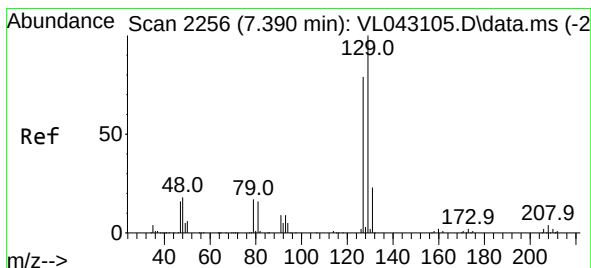
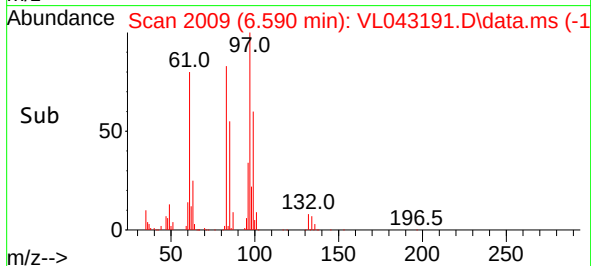
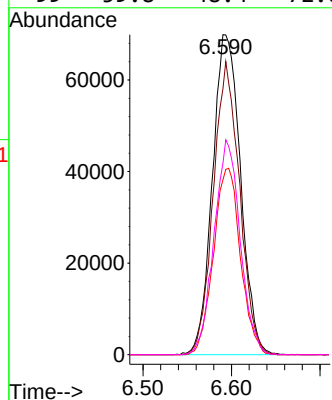
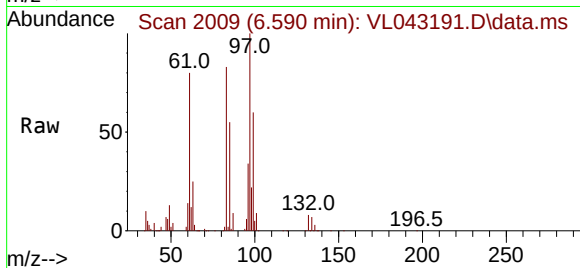
Ion Ratio Lower Upper

97 100

83 83.2 64.6 96.8

85 54.7 40.6 60.8

99 59.8 48.4 72.6



#48

Dibromochloromethane

Concen: 10.729 ppbv

RT: 7.396 min Scan# 2258

Delta R.T. 0.006 min

Lab File: VL043191.D

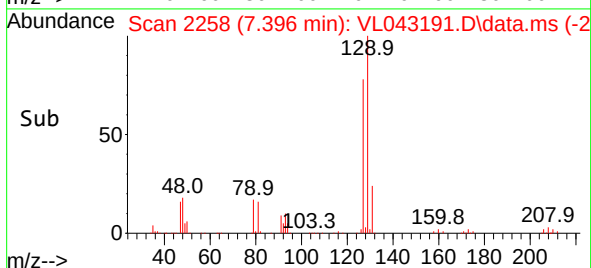
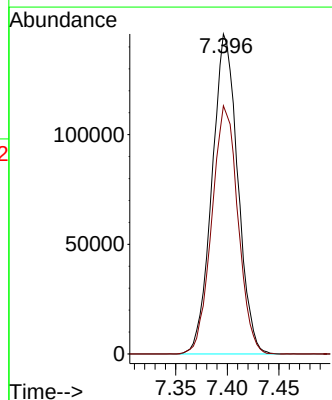
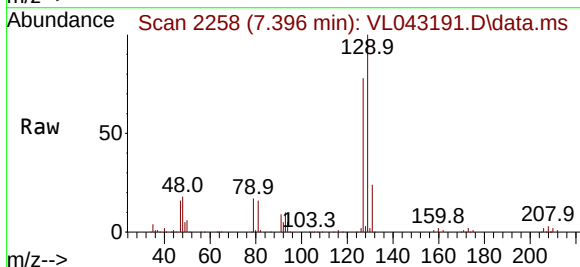
Acq: 13 Nov 2025 09:01

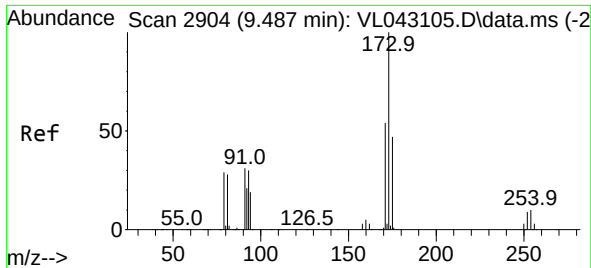
Tgt Ion: 129 Resp: 253004

Ion Ratio Lower Upper

129 100

127 78.8 39.3 117.9

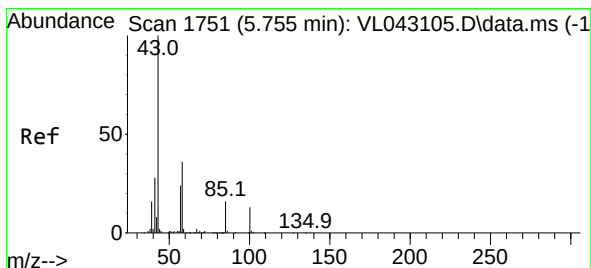
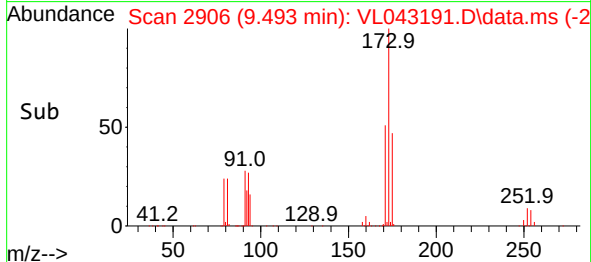
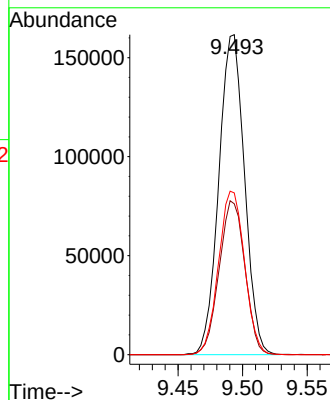
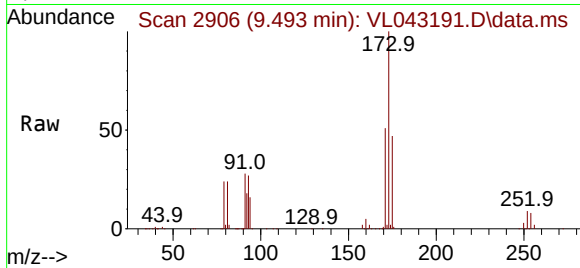




#49
Bromoform
Concen: 11.657 ppbv
RT: 9.493 min Scan# 2906
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

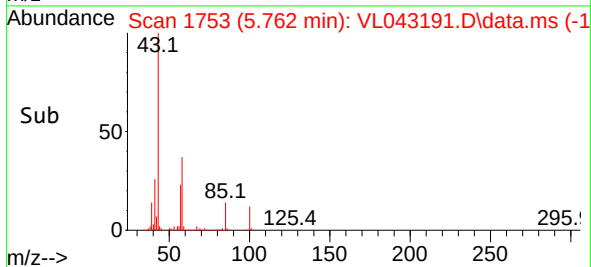
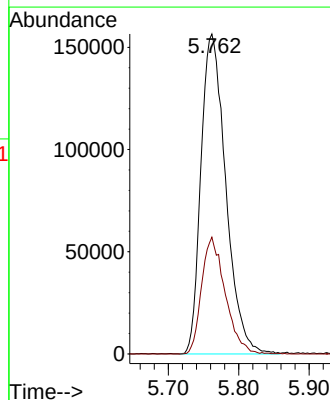
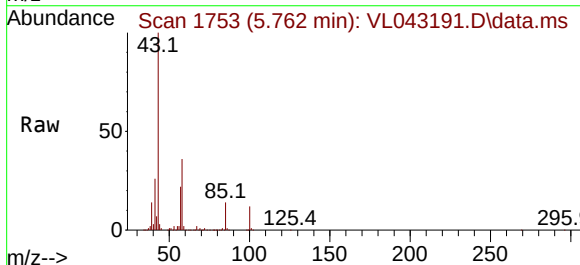
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

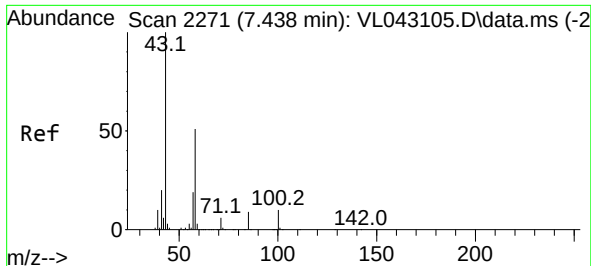
Tgt Ion:173 Resp: 223457
Ion Ratio Lower Upper
173 100
175 48.3 38.8 58.2
171 51.7 41.7 62.5



#50
4-Methyl-2-Pentanone
Concen: 10.896 ppbv
RT: 5.762 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion: 43 Resp: 383415
Ion Ratio Lower Upper
43 100
58 34.7 29.1 43.7

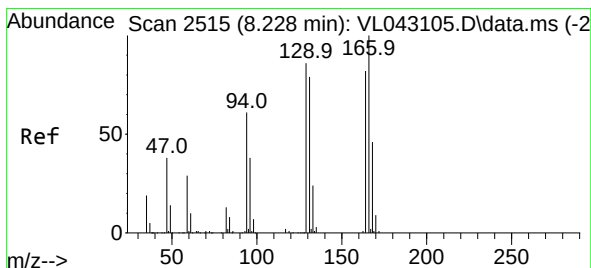
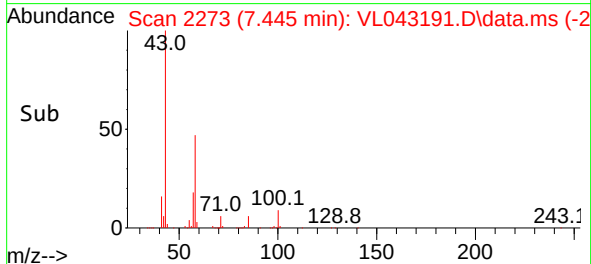
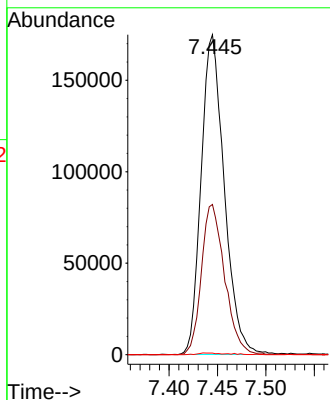
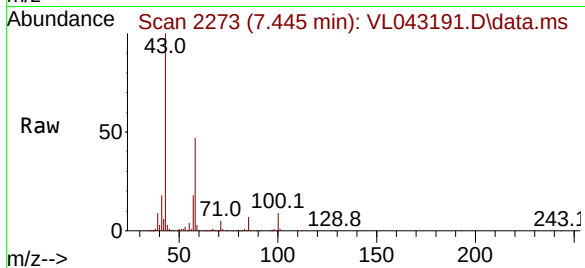




#51
2-Hexanone
Concen: 10.990 ppbv
RT: 7.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

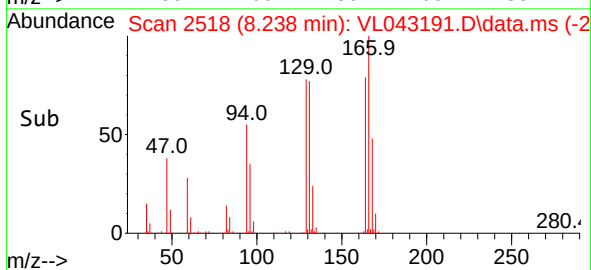
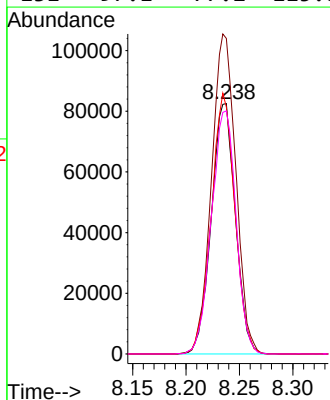
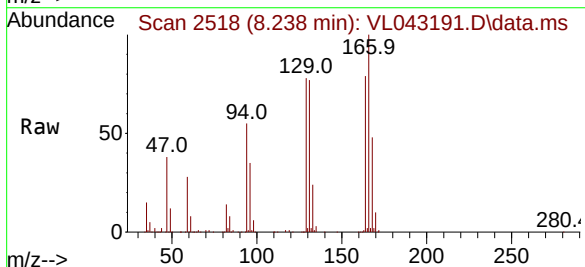
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

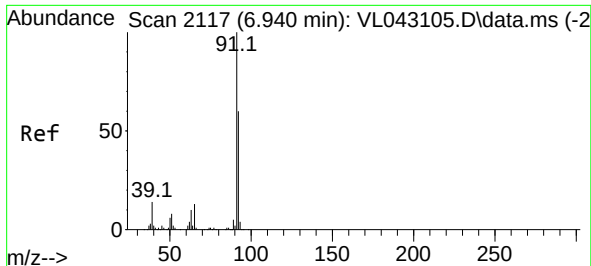
Tgt Ion: 43 Resp: 290059
Ion Ratio Lower Upper
43 100
58 47.3 40.4 60.6
98 0.7 0.1 0.1#



#52
Tetrachloroethene
Concen: 10.058 ppbv
RT: 8.238 min Scan# 2518
Delta R.T. 0.010 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion:164 Resp: 129582
Ion Ratio Lower Upper
164 100
166 126.0 97.6 146.4
129 98.5 84.5 126.7
131 97.1 77.2 115.8

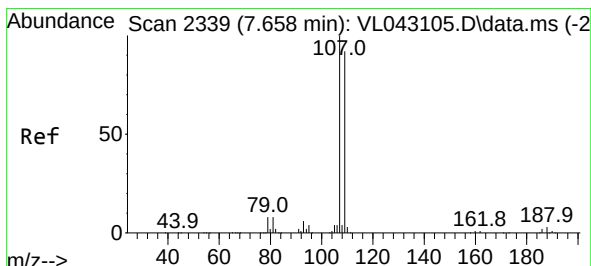
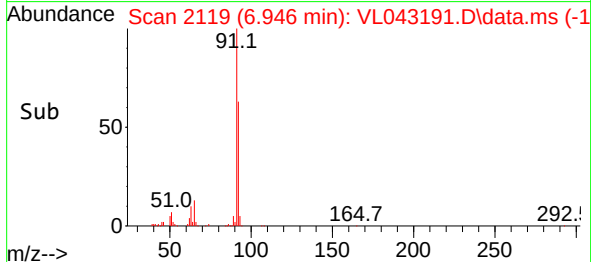
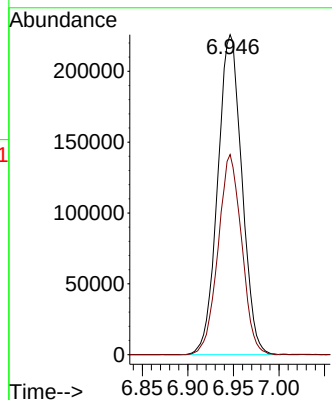
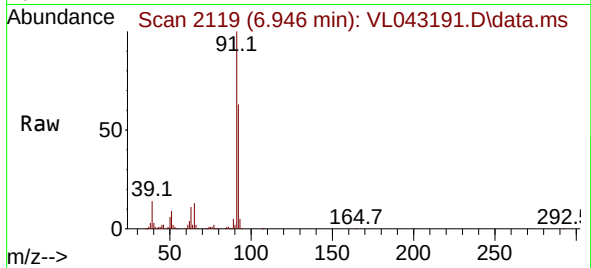




#53
Toluene
Concen: 9.842 ppbv
RT: 6.946 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

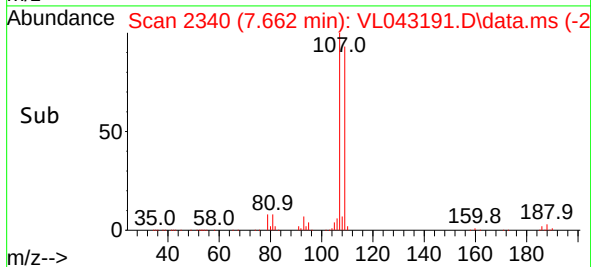
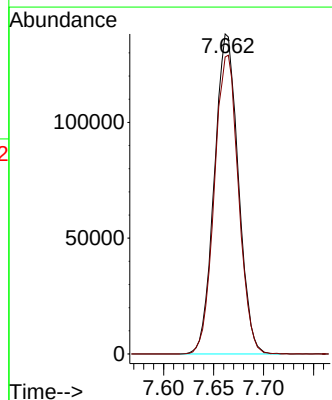
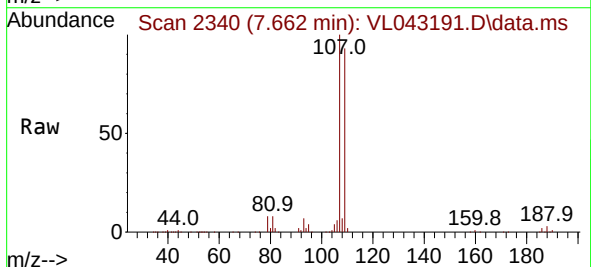
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

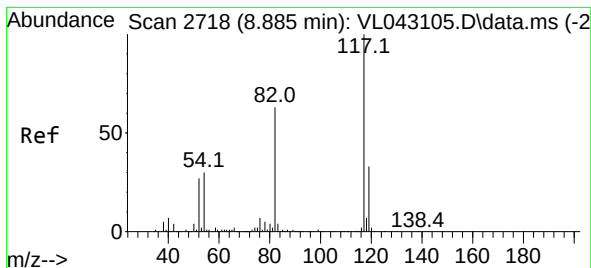
Tgt Ion: 91 Resp: 417333
Ion Ratio Lower Upper
91 100
92 60.9 48.8 73.2



#54
1,2-Dibromoethane
Concen: 10.434 ppbv
RT: 7.662 min Scan# 2340
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion: 107 Resp: 230500
Ion Ratio Lower Upper
107 100
109 92.8 73.4 110.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 2718

Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

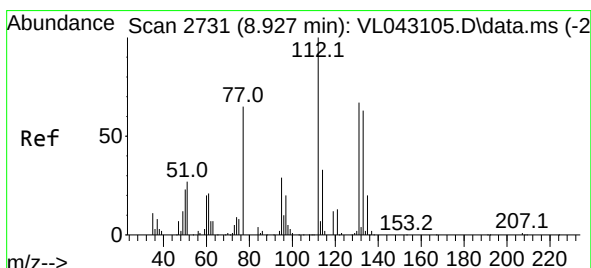
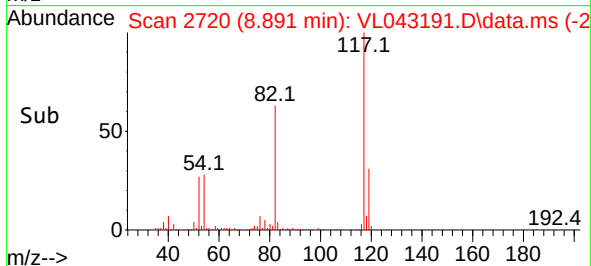
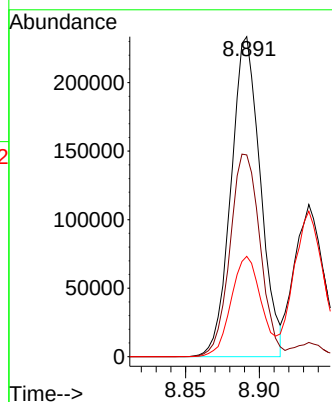
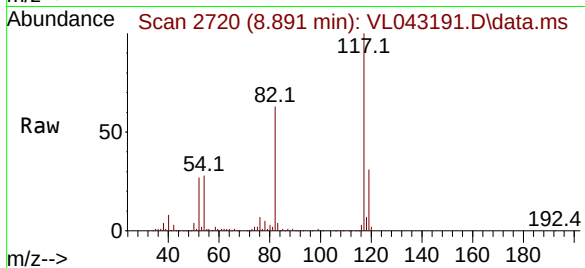
Tgt Ion:117 Resp: 324654

Ion Ratio Lower Upper

117 100

82 69.3 53.8 80.8

119 33.1 25.4 38.0



#56

1,1,1,2-Tetrachloroethane

Concen: 11.648 ppbv

RT: 8.934 min Scan# 2733

Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

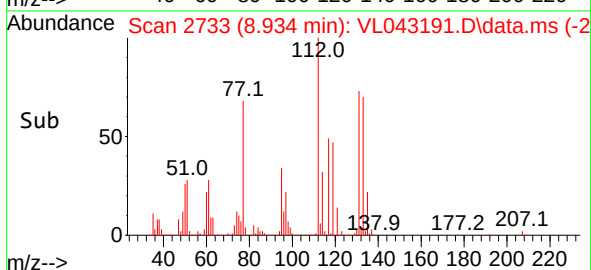
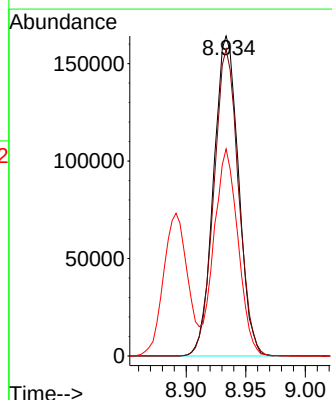
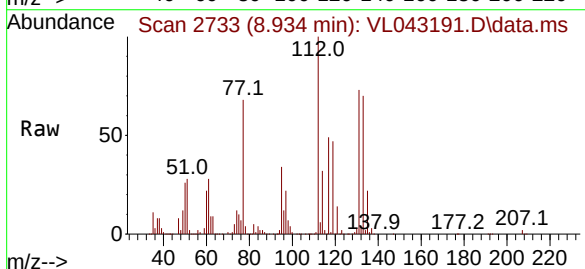
Tgt Ion:131 Resp: 238374

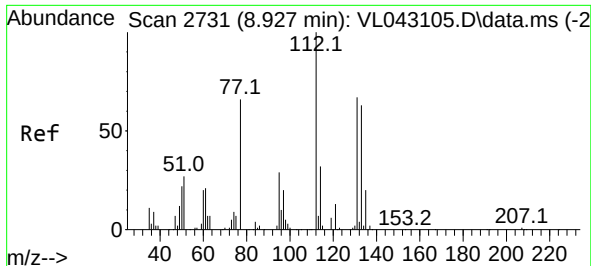
Ion Ratio Lower Upper

131 100

133 94.9 75.7 113.5

119 63.8 50.6 76.0

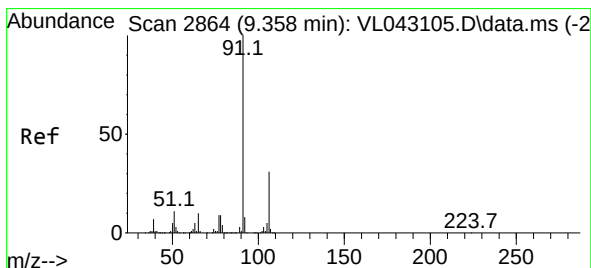
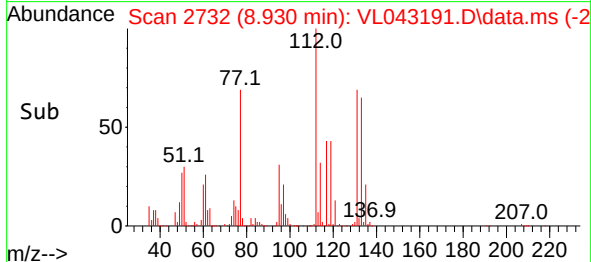
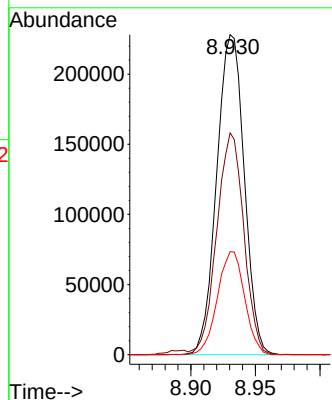
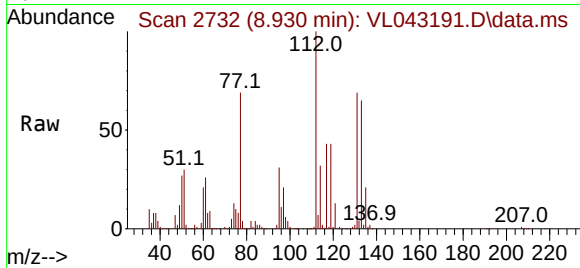




#57
Chlorobenzene
Concen: 11.148 ppbv
RT: 8.930 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

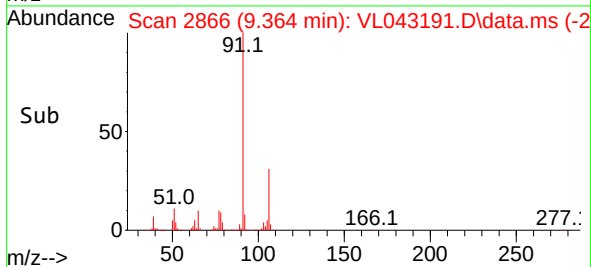
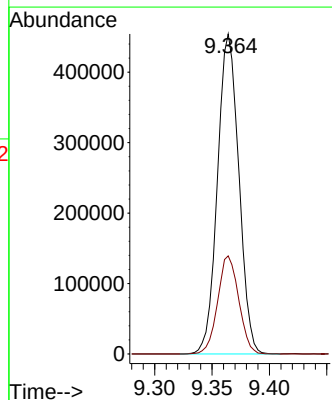
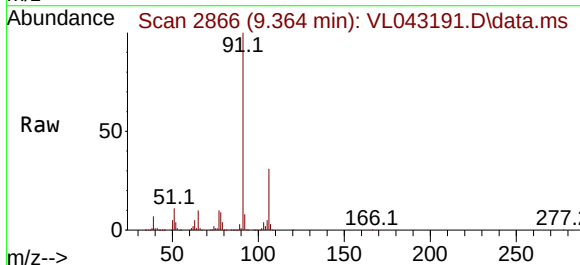
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

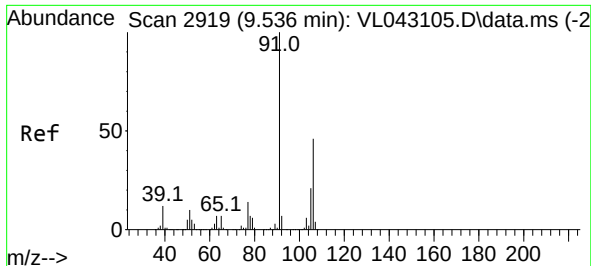
Tgt Ion:112 Resp: 338588
Ion Ratio Lower Upper
112 100
77 69.2 53.3 79.9
114 32.2 29.3 35.8



#58
Ethyl Benzene
Concen: 10.543 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion: 91 Resp: 587423
Ion Ratio Lower Upper
91 100
106 30.6 24.8 37.2





#59

m/p-Xylene

Concen: 12.248 ppbv

RT: 9.542 min Scan# 2919

Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Instrument :

MSVOA_1

ClientSampleId :

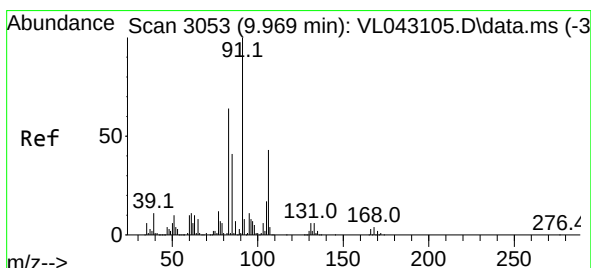
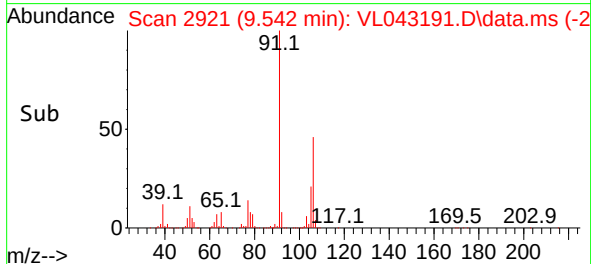
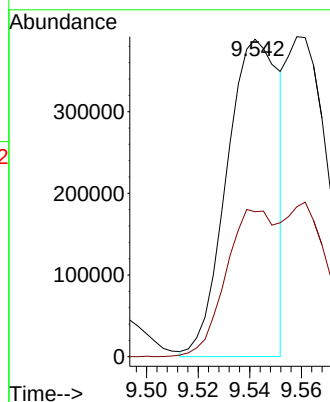
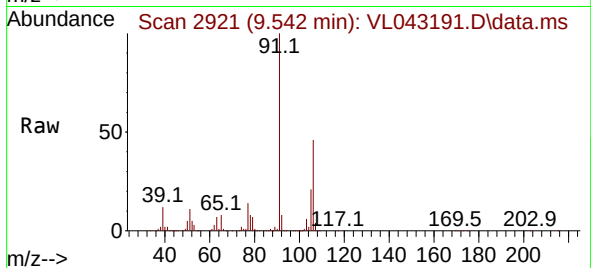
VSTDCCC010

Tgt Ion: 91 Resp: 544298

Ion Ratio Lower Upper

91 100

106 0.0 38.0 57.0#



#60

o-Xylene

Concen: 11.090 ppbv

RT: 9.973 min Scan# 3054

Delta R.T. 0.003 min

Lab File: VL043191.D

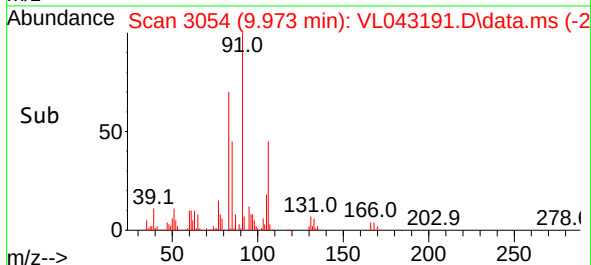
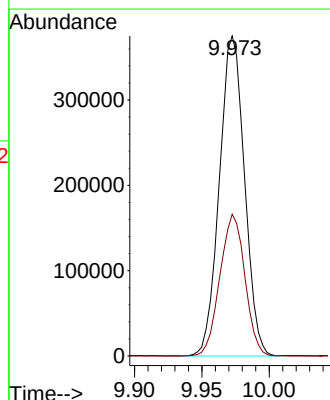
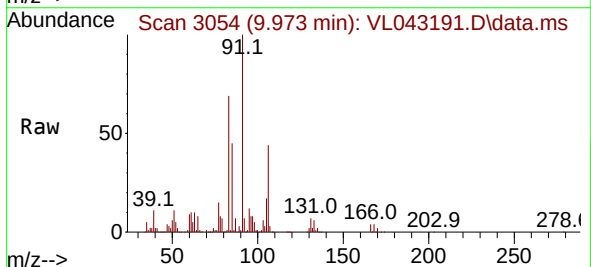
Acq: 13 Nov 2025 09:01

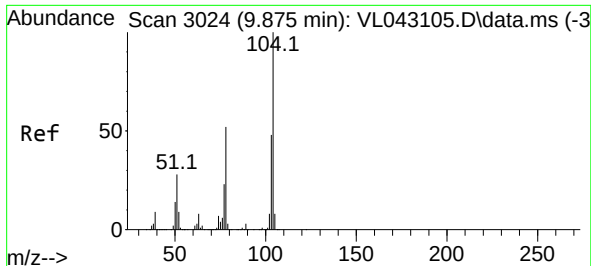
Tgt Ion: 91 Resp: 486760

Ion Ratio Lower Upper

91 100

106 44.0 21.9 65.8

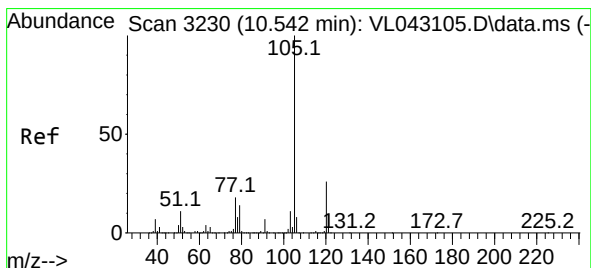
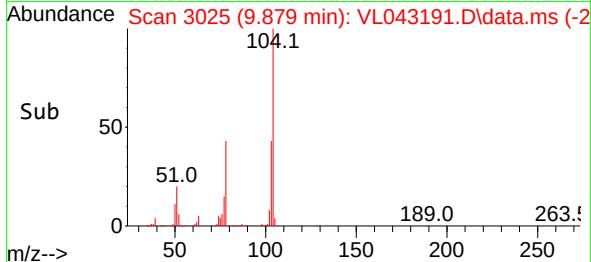
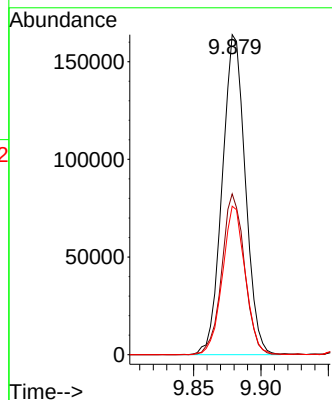
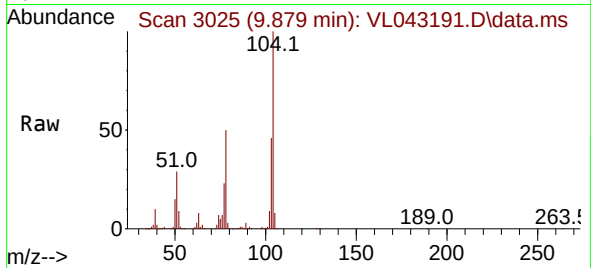




#61
Styrene
Concen: 9.851 ppbv
RT: 9.879 min Scan# 3024
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

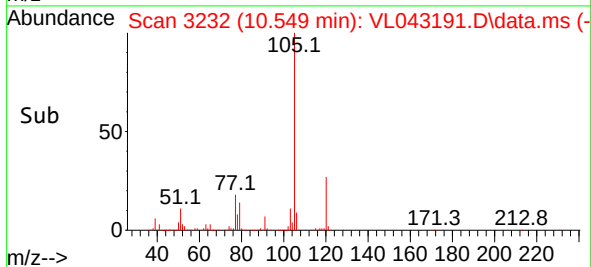
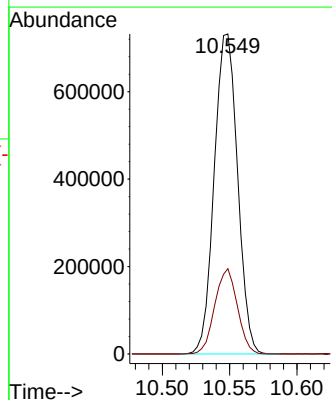
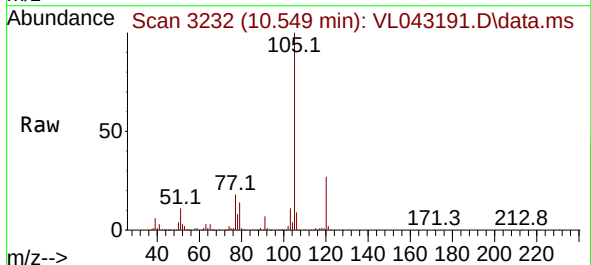
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

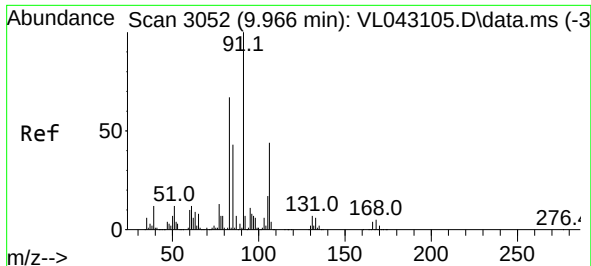
Tgt Ion:104 Resp: 195183
Ion Ratio Lower Upper
104 100
78 49.6 40.2 60.2
103 46.0 36.9 55.3



#62
Isopropylbenzene
Concen: 11.111 ppbv
RT: 10.549 min Scan# 3232
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion:105 Resp: 881218
Ion Ratio Lower Upper
105 100
120 25.8 20.2 30.4

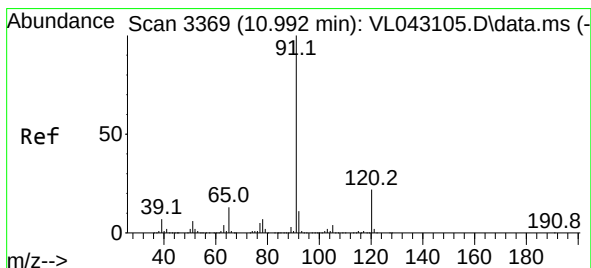
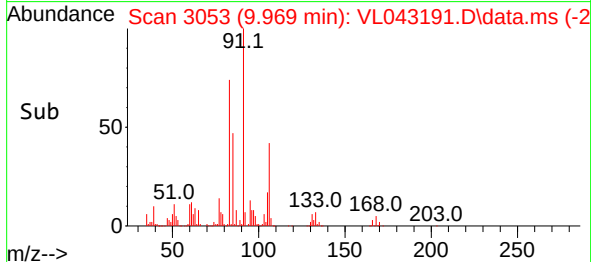
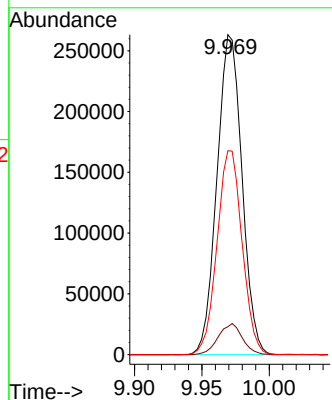
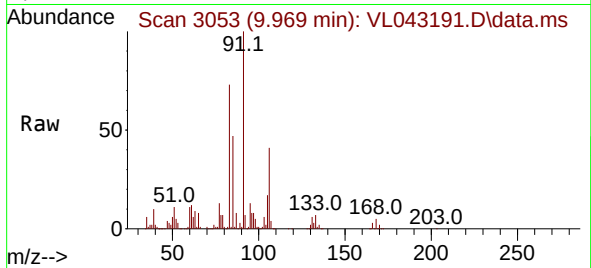




#63
1,1,2,2-Tetrachloroethane
Concen: 11.592 ppbv
RT: 9.969 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

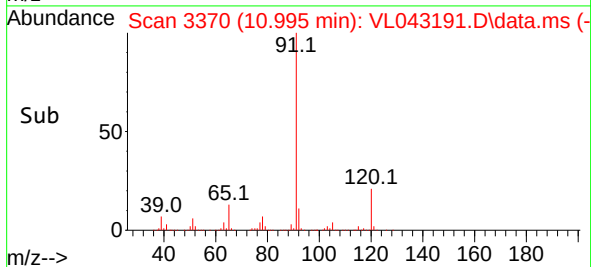
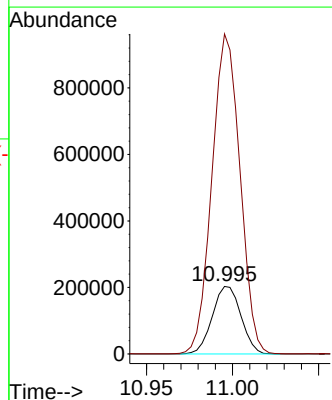
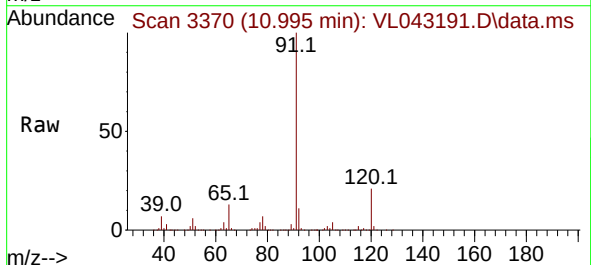
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

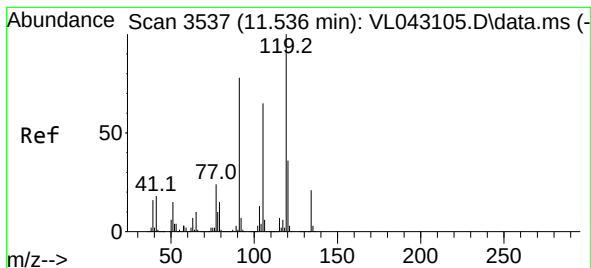
Tgt Ion: 83 Resp: 340692
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.3
85 63.9 32.0 96.0



#64
n-propylbenzene
Concen: 11.181 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion: 120 Resp: 234766
Ion Ratio Lower Upper
120 100
91 466.0 361.6 542.4





#65

tert-Butylbenzene

Concen: 10.727 ppbv

RT: 11.539 min Scan# 3537

Delta R.T. 0.003 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

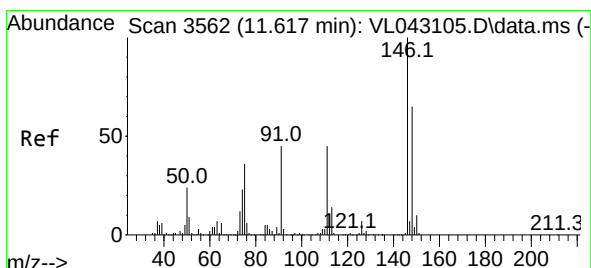
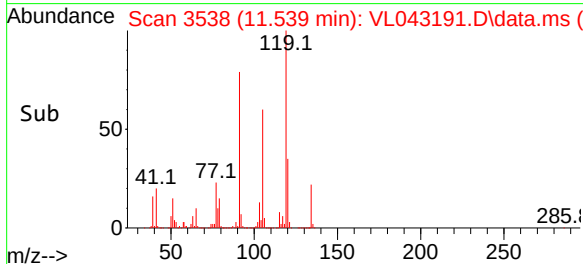
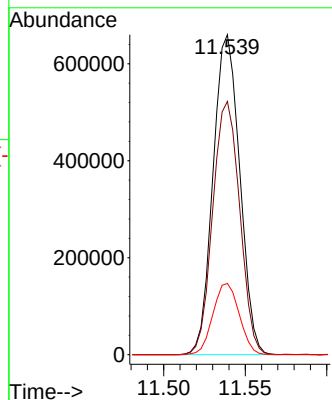
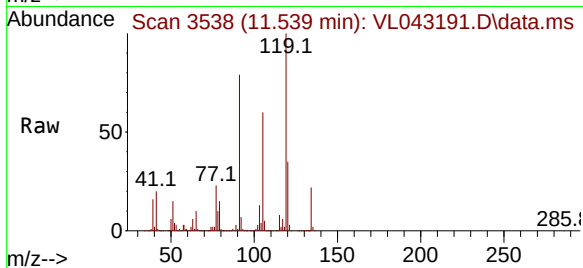
Tgt Ion:119 Resp: 751341

Ion Ratio Lower Upper

119 100

91 80.0 63.4 95.0

134 21.9 17.3 25.9



#66

Benzyl Chloride

Concen: 8.537 ppbv

RT: 11.623 min Scan# 3564

Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

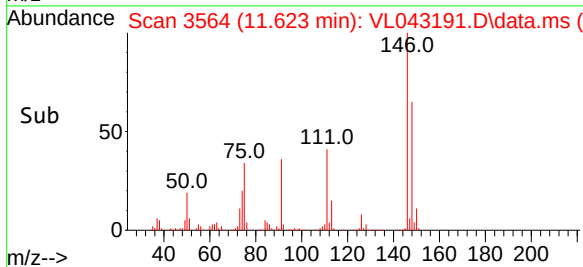
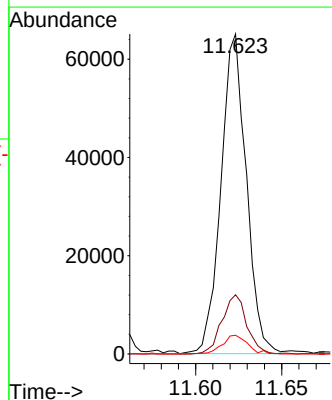
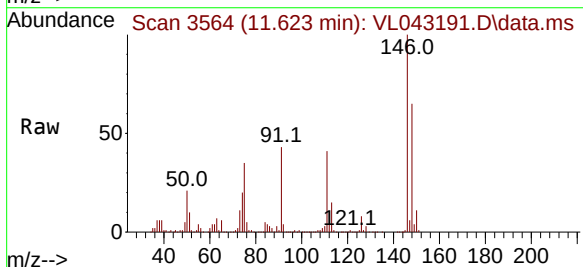
Tgt Ion: 91 Resp: 66547

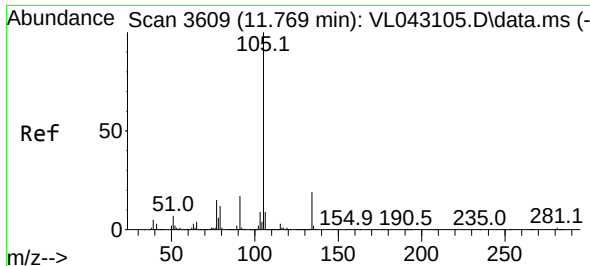
Ion Ratio Lower Upper

91 100

126 18.3 14.6 22.0

128 5.8 4.6 6.8

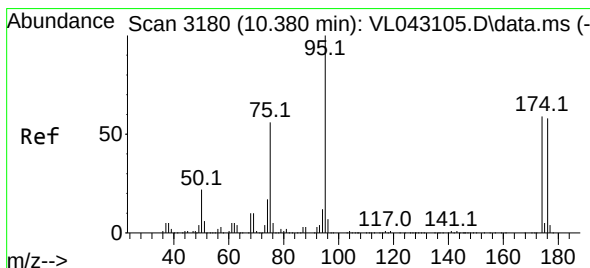
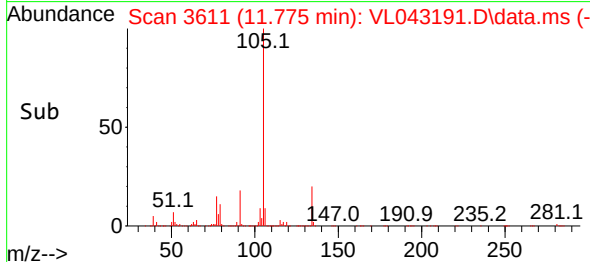
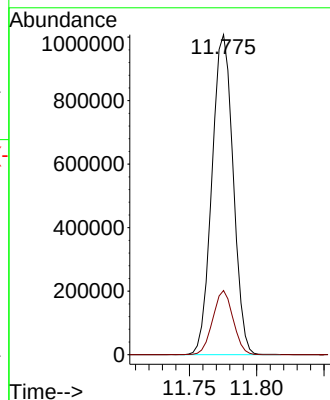
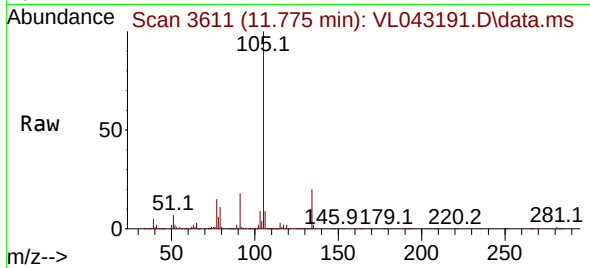




#67
 sec-Butylbenzene
 Concen: 11.092 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.006 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

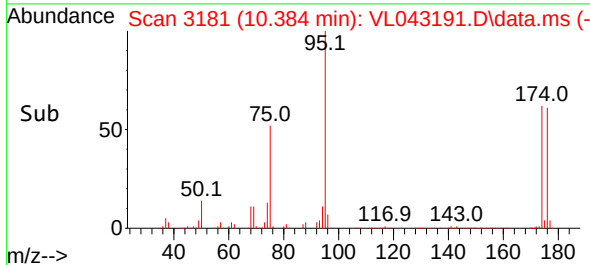
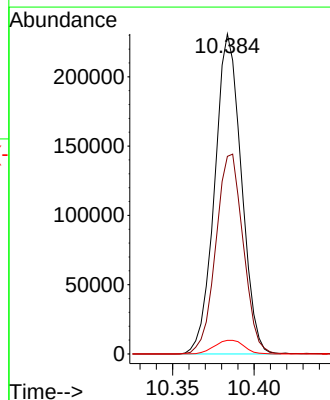
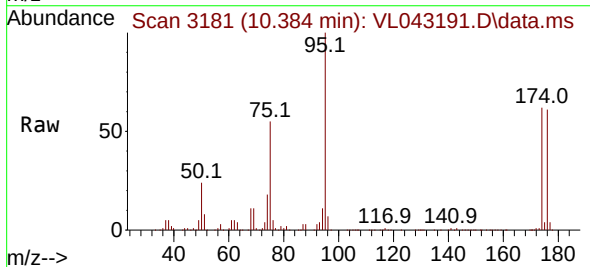
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

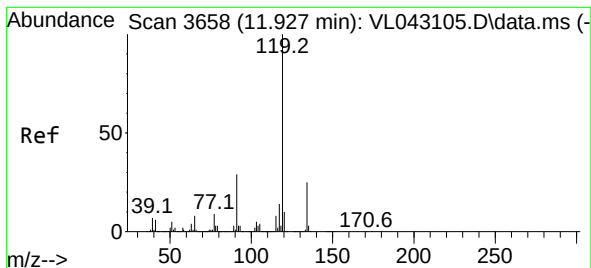
Tgt Ion:105 Resp: 1102574
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.5 23.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.406 ppbv
 RT: 10.384 min Scan# 3181
 Delta R.T. 0.003 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

Tgt Ion: 95 Resp: 262602
 Ion Ratio Lower Upper
 95 100
 174 64.5 48.3 72.5
 175 4.8 3.8 5.8

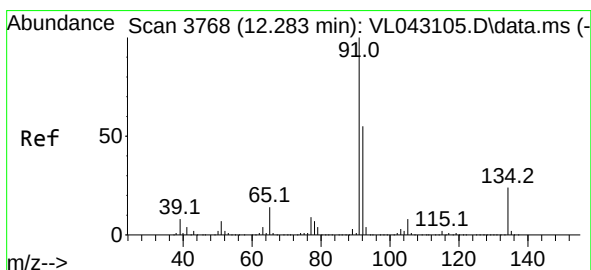
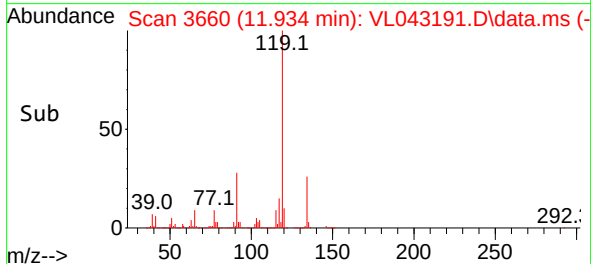
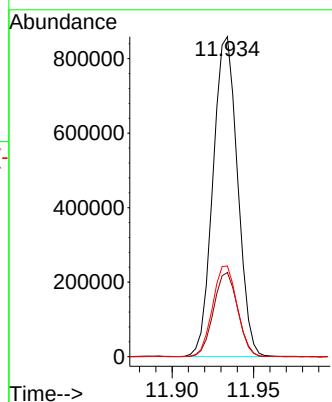
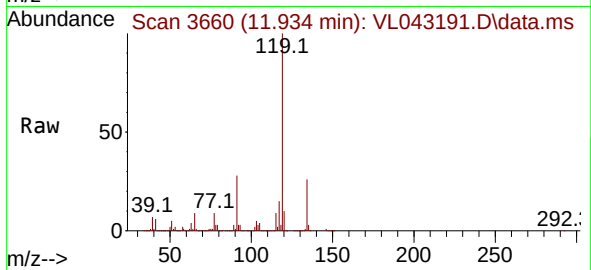




#69
p-Isopropyltoluene
Concen: 10.634 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

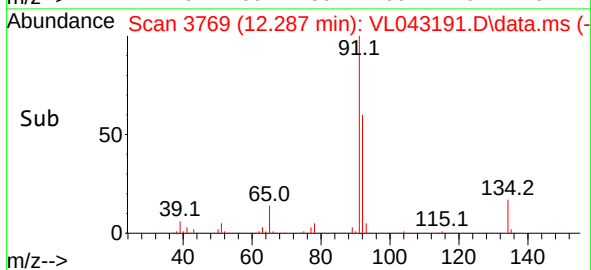
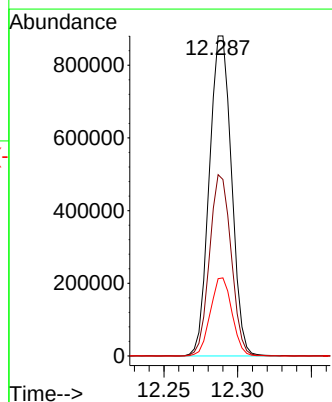
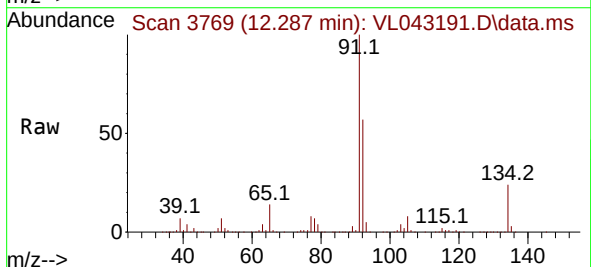
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

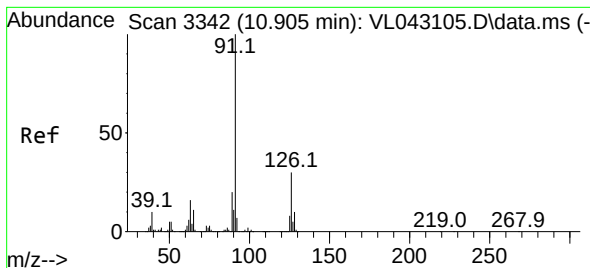
Tgt Ion:119 Resp: 898238
Ion Ratio Lower Upper
119 100
134 26.1 20.3 30.5
91 28.5 22.6 33.8



#70
n-Butylbenzene
Concen: 11.043 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion: 91 Resp: 919213
Ion Ratio Lower Upper
91 100
92 55.4 44.5 66.7
134 23.9 19.3 28.9

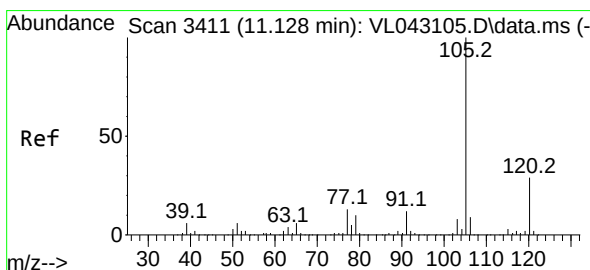
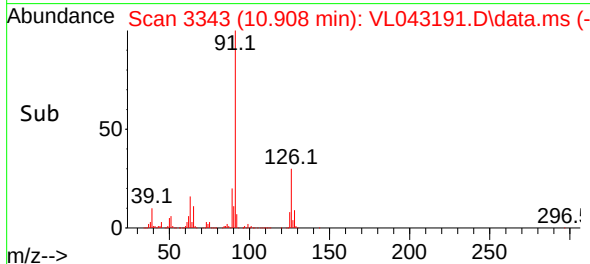
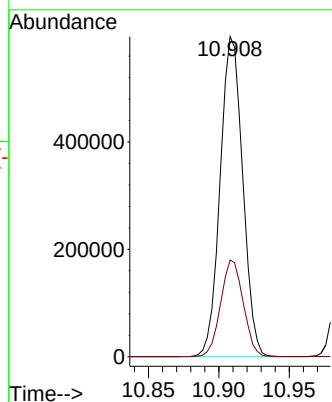
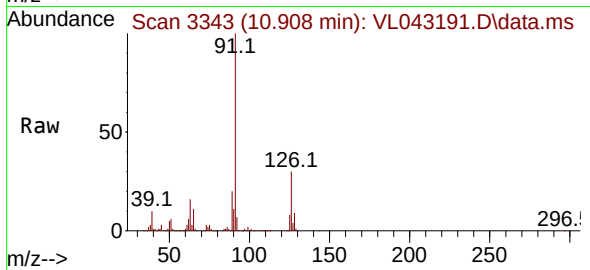




#71
2-Chlorotoluene
Concen: 11.000 ppbv
RT: 10.908 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

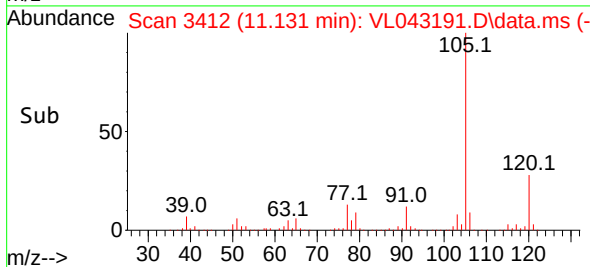
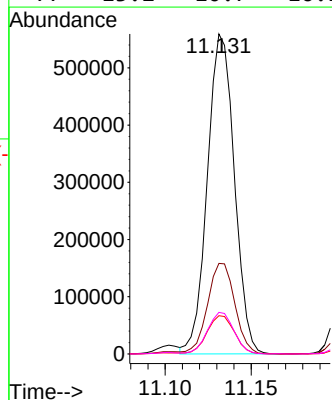
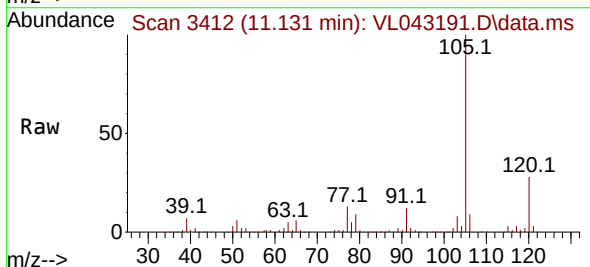
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MSVOA_1
ClientSampleId :
VSTDCCC010

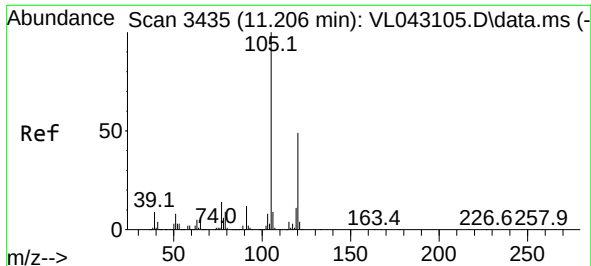
Tgt Ion: 91 Resp: 665438
Ion Ratio Lower Upper
91 100
126 30.2 12.0 48.0



#72
4-Ethyltoluene
Concen: 11.307 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion: 105 Resp: 610233
Ion Ratio Lower Upper
105 100
120 29.3 24.2 36.4
91 12.6 10.0 15.0
77 13.2 10.7 16.1

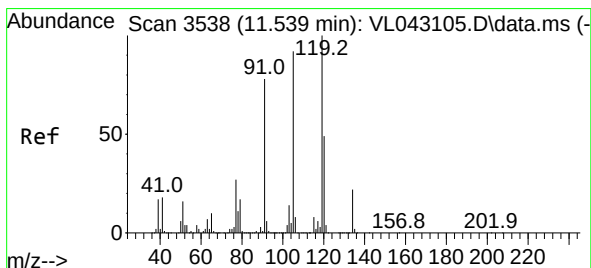
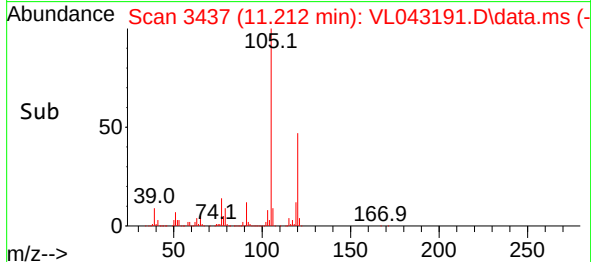
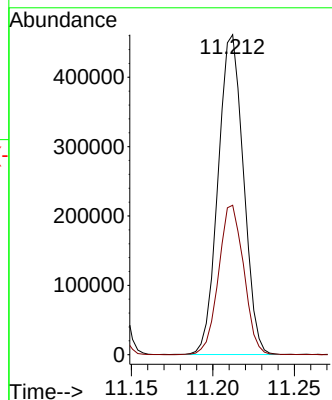
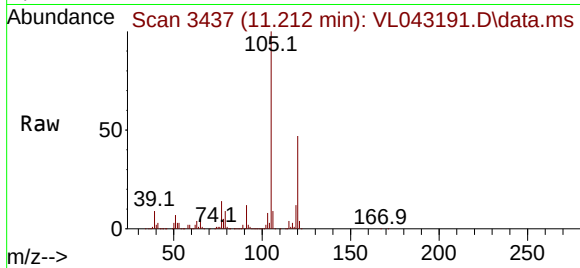




#73
 1,3,5-Trimethylbenzene
 Concen: 11.207 ppbv
 RT: 11.212 min Scan# 3435
 Delta R.T. 0.006 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

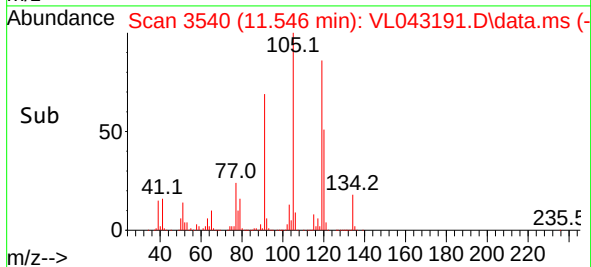
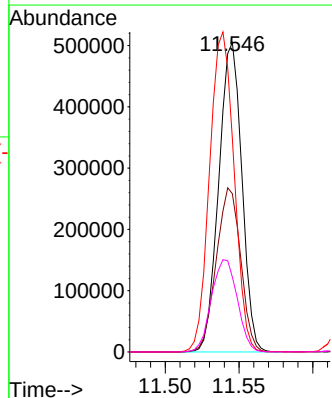
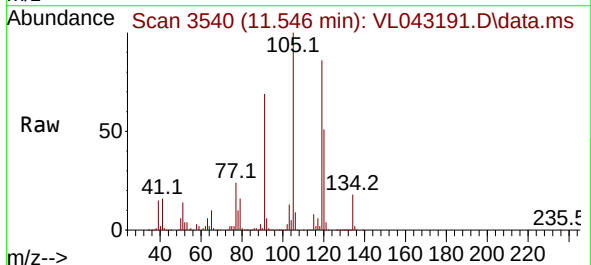
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

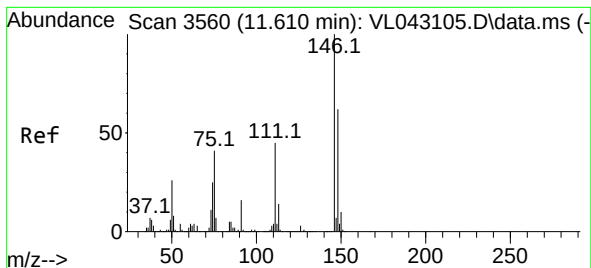
Tgt Ion:105 Resp: 498832
 Ion Ratio Lower Upper
 105 100
 120 46.7 39.0 58.6



#74
 1,2,4-Trimethylbenzene
 Concen: 11.044 ppbv
 RT: 11.546 min Scan# 3540
 Delta R.T. 0.006 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

Tgt Ion:105 Resp: 550086
 Ion Ratio Lower Upper
 105 100
 120 51.1 42.8 64.2
 91 68.8 68.3 102.5
 77 24.2 23.4 35.0





#75

1,3-Dichlorobenzene

Concen: 11.801 ppbv

RT: 11.613 min Scan# 3560

Delta R.T. 0.003 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

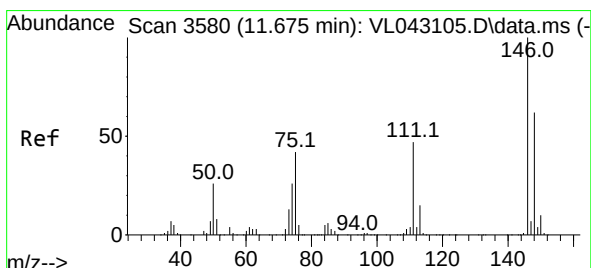
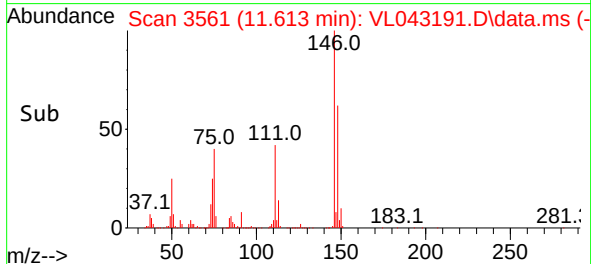
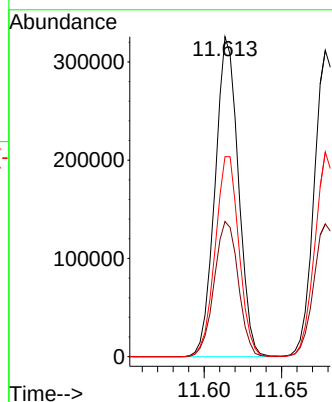
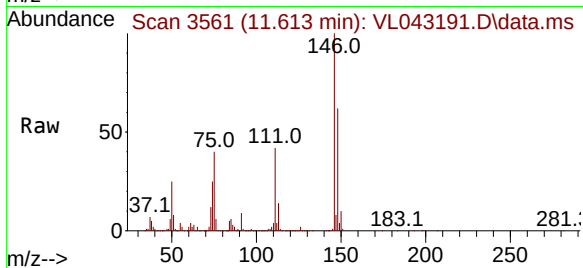
Tgt Ion:146 Resp: 340928

Ion Ratio Lower Upper

146 100

111 43.7 23.3 69.9

148 63.7 31.6 95.0



#76

1,4-Dichlorobenzene

Concen: 11.518 ppbv

RT: 11.678 min Scan# 3581

Delta R.T. 0.003 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

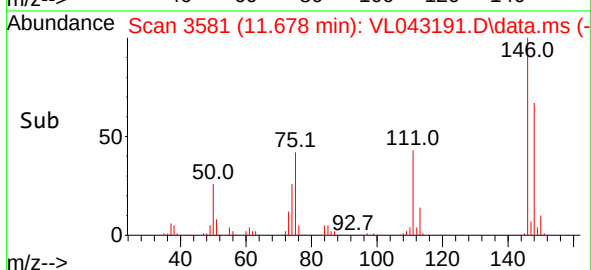
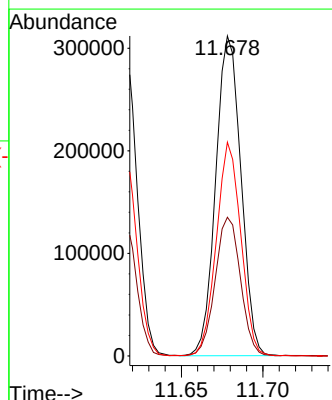
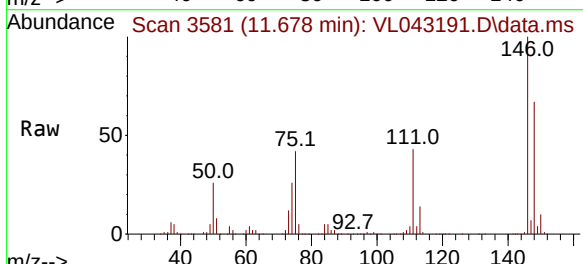
Tgt Ion:146 Resp: 335522

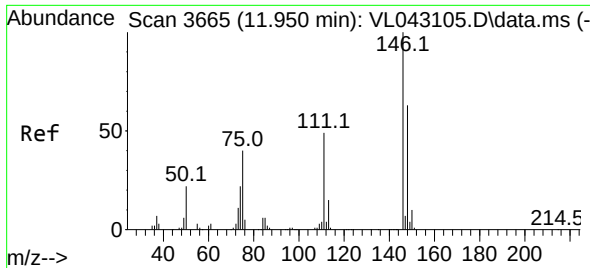
Ion Ratio Lower Upper

146 100

111 43.7 22.4 67.0

148 64.9 31.6 94.7

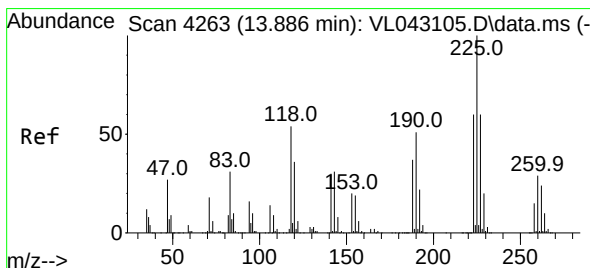
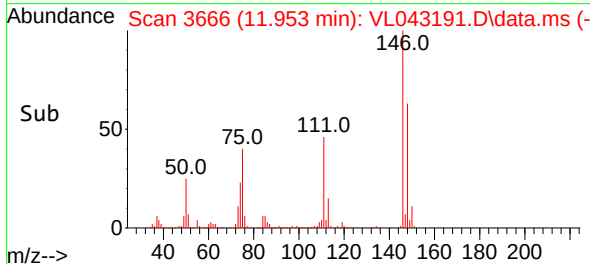
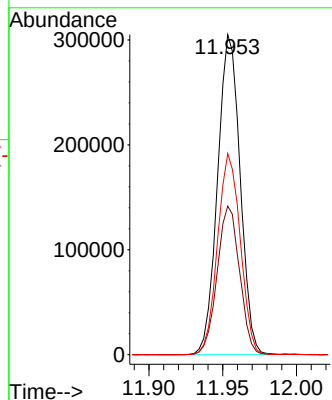
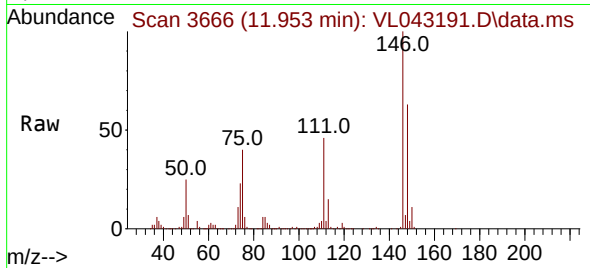




#77
1,2-Dichlorobenzene
Concen: 11.620 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

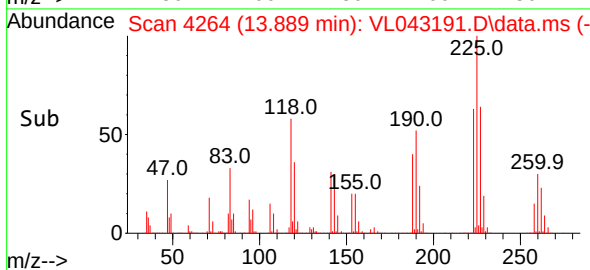
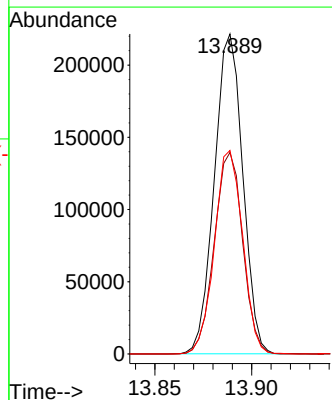
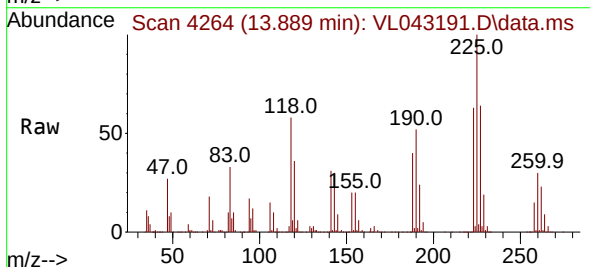
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

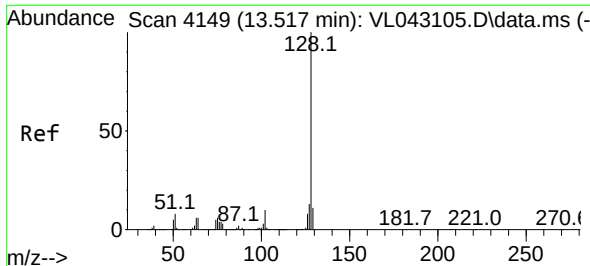
Tgt Ion:146 Resp: 324755
Ion Ratio Lower Upper
146 100
111 46.3 24.0 72.0
148 63.4 31.1 93.3



#78
Hexachloro-1,3-Butadiene
Concen: 10.443 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion:225 Resp: 225968
Ion Ratio Lower Upper
225 100
223 63.0 50.2 75.4
227 63.1 49.6 74.4

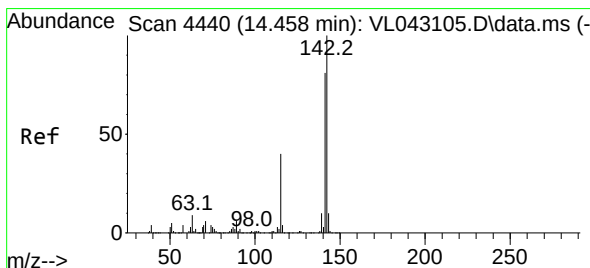
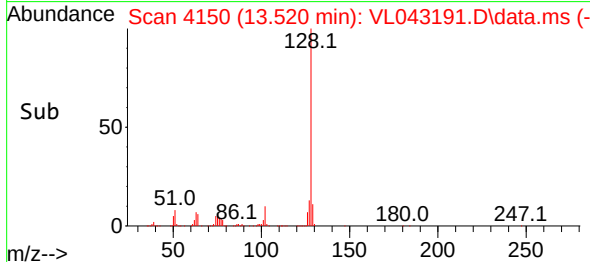
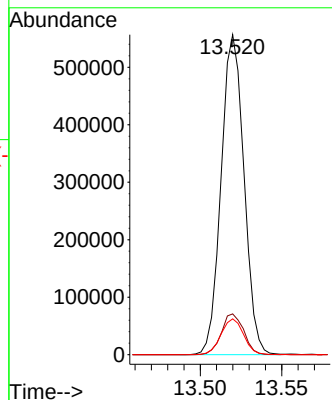
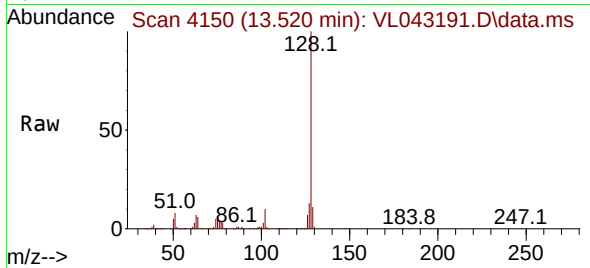




#79
Naphthalene
Concen: 10.430 ppbv
RT: 13.520 min Scan# 4149
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

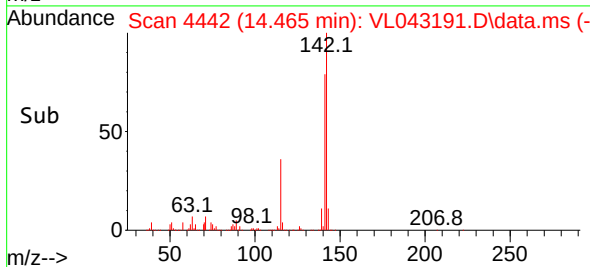
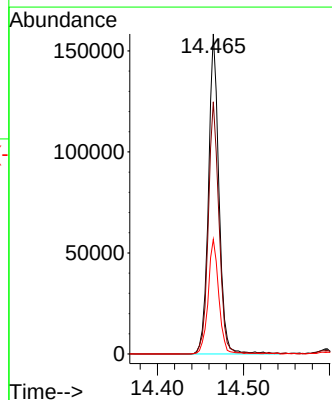
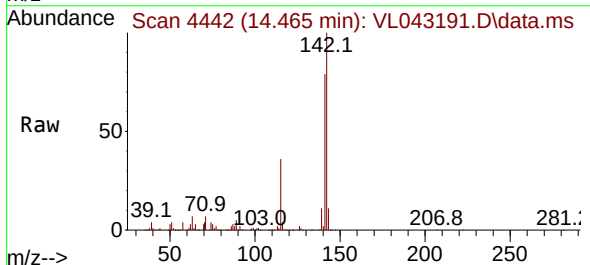
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

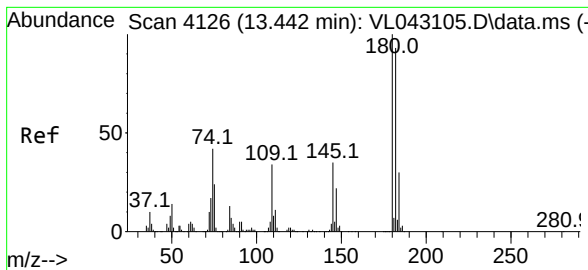
Tgt Ion:128 Resp: 543024
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 11.2 9.1 13.7



#80
Naphthalene,2-methyl-
Concen: 9.870 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion:142 Resp: 133878
Ion Ratio Lower Upper
142 100
141 81.5 64.6 97.0
115 36.8 30.2 45.4





#81
 1,2,4-Trichlorobenzene
 Concen: 10.671 ppbv
 RT: 13.449 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:	180	Resp:	230586
Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.5	113.3
184	29.9	23.9	35.9

