

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111125\
 Data File : VL043180.D
 Acq On : 11 Nov 2025 08:15
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Nov 12 00:12:56 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	2.800	49	132532	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	370924	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.898	117	319069	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	254836	10.275	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.505	85	183723	9.751	ppbv	98
3) Chlorodifluoromethane	1.483	51	202454	9.931	ppbv	100
4) Chloromethane	1.541	50	62541	8.379	ppbv	98
5) Vinyl Chloride	1.586	62	61391	8.386	ppbv	97
6) Bromomethane	1.677	94	38477	9.584	ppbv	100
7) Chloroethane	1.712	64	25756	8.605	ppbv	96
8) Dichlorotetrafluoroethane	1.560	85	147205	9.667	ppbv	91
9) Propene	1.489	41	79706	8.816	ppbv	99
10) Heptane	5.007	43	245150	9.418	ppbv	98
11) Trichlorofluoromethane	1.887	101	198142	10.751	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.149	101	152666	10.289	ppbv	97
13) Ethanol	1.729	45	22752	6.803	ppbv	97
14) Bromoethene	1.790	108	54128	9.820	ppbv	97
15) Acetone	1.842	43	152492	8.537	ppbv	100
16) 1,3-Butadiene	1.615	39	68719	8.072	ppbv	97
17) tert-Butyl alcohol	2.049	59	210931	8.602	ppbv	96
18) 1,1-Dichloroethene	2.046	96	65440	10.117	ppbv	91
19) Isopropyl Alcohol	1.894	45	89581	8.052	ppbv	91
20) Methylene Chloride	2.072	84	58402	8.271	ppbv	96
21) Allyl Chloride	2.107	41	114525	8.700	ppbv	95
22) trans-1,2-Dichloroethene	2.353	96	77870	10.071	ppbv	89
23) Vinyl Acetate	2.473	43	309477	11.827	ppbv #	97
24) 1,1-Dichloroethane	2.421	63	143474	9.604	ppbv	99
25) Ethyl Acetate	2.845	43	440087	9.935	ppbv	99
26) Hexane	2.842	57	199063	9.752	ppbv	99
27) Carbon Disulfide	2.162	76	186799	9.988	ppbv	99
28) Methyl tert-Butyl Ether	2.454	73	90840	9.782	ppbv	93
29) Chloroform	2.861	83	301692	10.201	ppbv	100
30) Cyclohexane	3.878	84	160214	8.993	ppbv	99
31) cis-1,2-Dichloroethene	2.735	61	194237	9.965	ppbv	99
32) 1,1,1-Trichloroethane	3.386	97	296240	9.618	ppbv	100
34) 2-Butanone	2.567	43	296563	11.894	ppbv	98
35) Carbon Tetrachloride	3.781	117	301277	11.297	ppbv	96
36) Benzene	3.677	78	383103	10.966	ppbv	98
37) 1,2-Dichloroethane	3.234	62	232445	11.550	ppbv	99
38) Trichloroethene	4.574	130	144831	9.926	ppbv	97
39) 1,2-Dichloropropane	4.337	63	140510	11.001	ppbv	96
40) 1,4-Dioxane	4.603	88	57730	10.101	ppbv #	96
41) Tetrahydrofuran	3.065	42	150298	10.778	ppbv	97
42) Bromodichloromethane	4.512	83	318665	11.440	ppbv	97
43) Methyl Methacrylate	4.904	69	182621	10.292	ppbv	98
44) 2,2,4-Trimethylpentane	4.664	57	655191	11.116	ppbv	99
45) t-1,3-Dichloropropene	6.441	75	179639	10.088	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111125\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

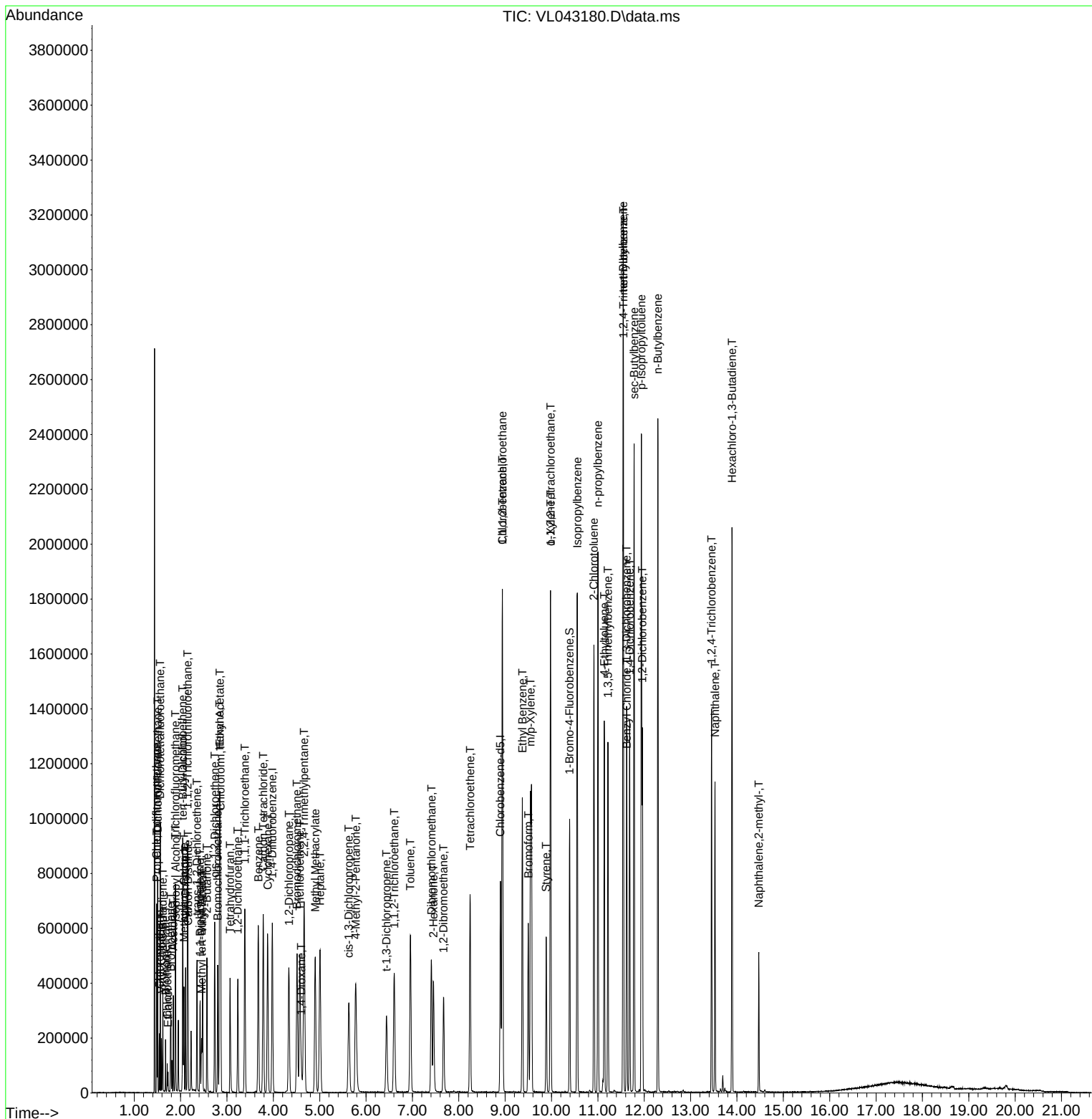
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 MSVOA_L
 ClientSampleId :
 VSTDCCC010

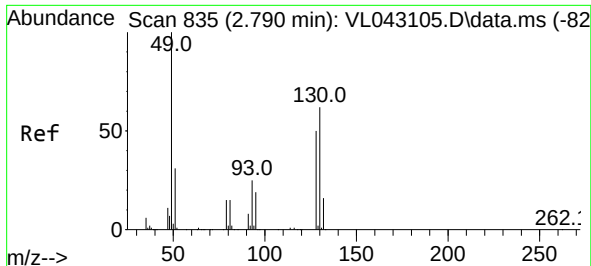
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Oct 15 02:12:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.629	75	215528	10.132	ppbv	98
47) 1,1,2-Trichloroethane	6.606	97	152159	11.032	ppbv	97
48) Dibromochloromethane	7.409	129	251658	10.913	ppbv	98
49) Bromoform	9.500	173	214367	11.436	ppbv	99
50) 4-Methyl-2-Pentanone	5.778	43	207546	6.032	ppbv #	55
51) 2-Hexanone	7.454	43	278490	10.790	ppbv #	97
52) Tetrachloroethene	8.244	164	129615	10.288	ppbv	95
53) Toluene	6.956	91	421396	10.163	ppbv	98
54) 1,2-Dibromoethane	7.671	107	226943	10.505	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.940	131	231293	11.499	ppbv	97
57) Chlorobenzene	8.940	112	326657	10.944	ppbv	99
58) Ethyl Benzene	9.370	91	587375	10.726	ppbv	98
59) m/p-Xylene	9.548	91	513577	11.759	ppbv #	29
60) o-Xylene	9.979	91	472838	10.961	ppbv	99
61) Styrene	9.885	104	194324	9.979	ppbv	99
62) Isopropylbenzene	10.555	105	856402	10.987	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.979	83	320460	11.095	ppbv	99
64) n-propylbenzene	11.002	120	223050	10.808	ppbv	94
65) tert-Butylbenzene	11.545	119	725442	10.539	ppbv	99
66) Benzyl Chloride	11.626	91	67343	8.790	ppbv	100
67) sec-Butylbenzene	11.782	105	1058230	10.832	ppbv	99
69) p-Isopropyltoluene	11.940	119	878084	10.578	ppbv	99
70) n-Butylbenzene	12.293	91	892212	10.907	ppbv	99
71) 2-Chlorotoluene	10.914	91	645588	10.859	ppbv	99
72) 4-Ethyltoluene	11.137	105	583156	10.994	ppbv	99
73) 1,3,5-Trimethylbenzene	11.215	105	483034	11.042	ppbv	95
74) 1,2,4-Trimethylbenzene	11.552	105	527359	10.773	ppbv #	86
75) 1,3-Dichlorobenzene	11.620	146	323378	11.390	ppbv	99
76) 1,4-Dichlorobenzene	11.684	146	323615	11.304	ppbv	98
77) 1,2-Dichlorobenzene	11.960	146	308369	11.227	ppbv	97
78) Hexachloro-1,3-Butadiene	13.892	225	215523	10.134	ppbv	99
79) Naphthalene	13.526	128	523078	10.223	ppbv	98
80) Naphthalene,2-methyl-	14.471	142	137671	10.328	ppbv	97
81) 1,2,4-Trichlorobenzene	13.452	180	229828	10.822	ppbv	100

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

Quant Time: Nov 12 00:12:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
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QLast Update : Wed Oct 15 02:12:58 2025
Response via : Initial Calibration

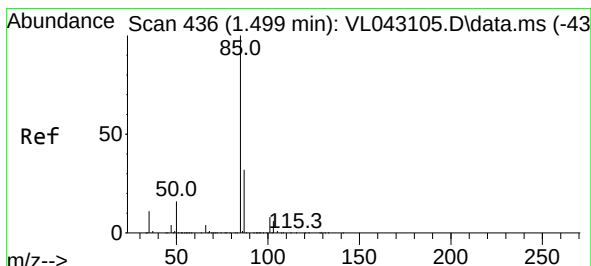
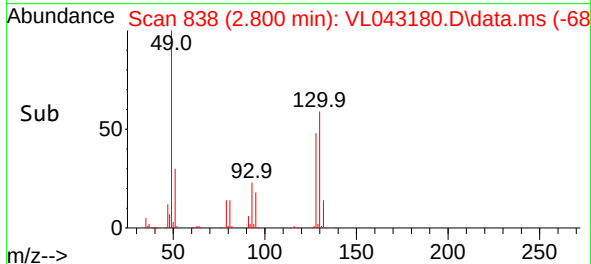
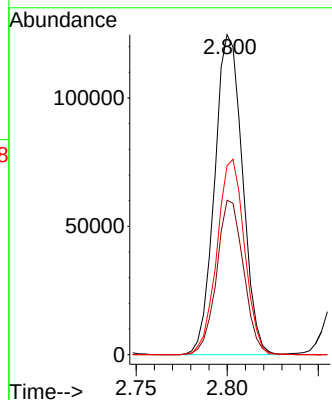
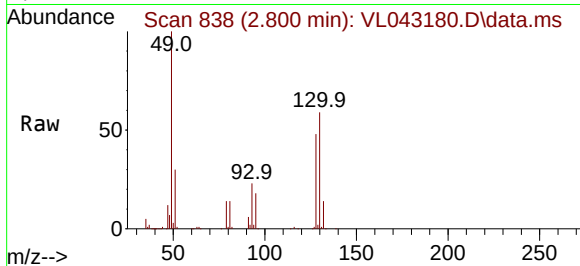




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

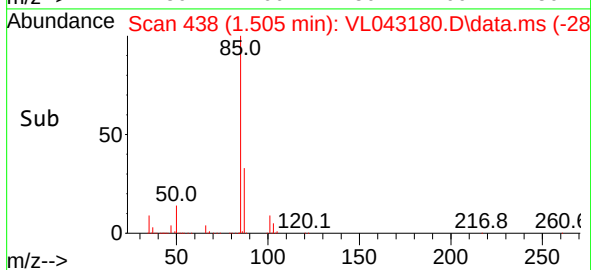
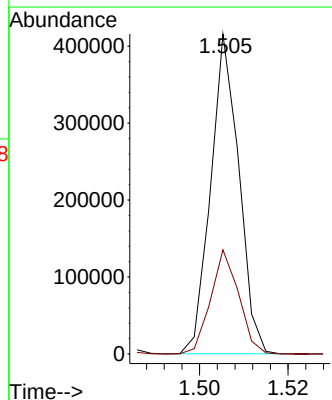
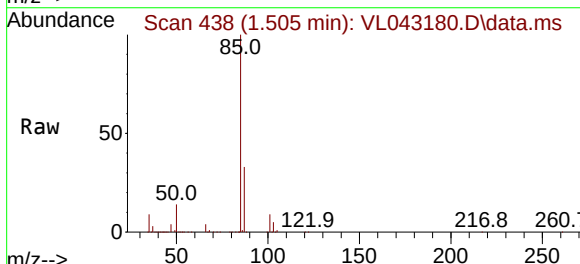
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

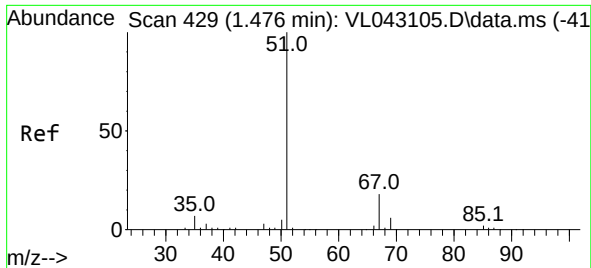
Tgt Ion: 49 Resp: 132532
Ion Ratio Lower Upper
49 100
128 46.7 24.4 73.4
130 60.3 31.0 93.0



#2
Dichlorodifluoromethane
Concen: 9.751 ppbv
RT: 1.505 min Scan# 438
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 85 Resp: 183723
Ion Ratio Lower Upper
85 100
87 32.6 25.3 37.9

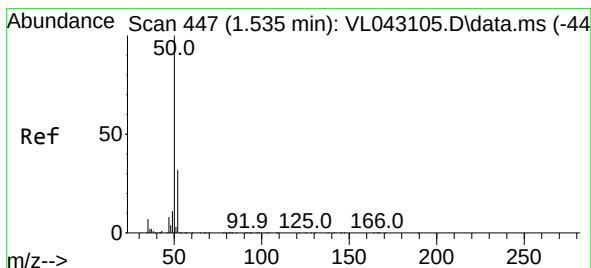
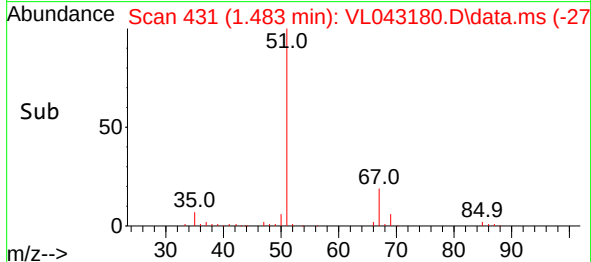
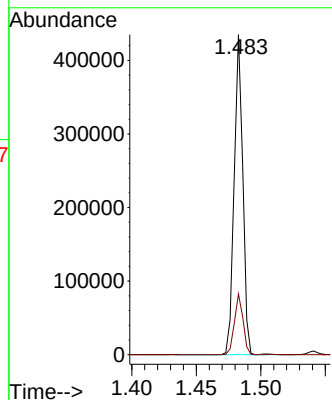
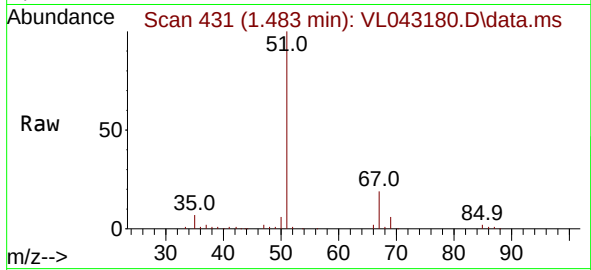




#3
Chlorodifluoromethane
Concen: 9.931 ppbv
RT: 1.483 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

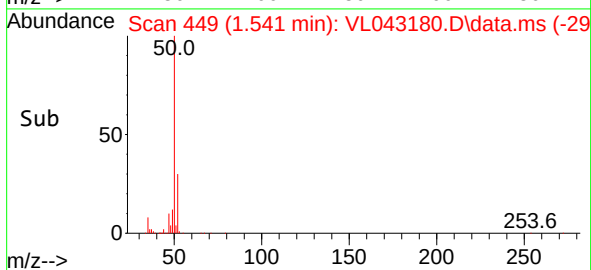
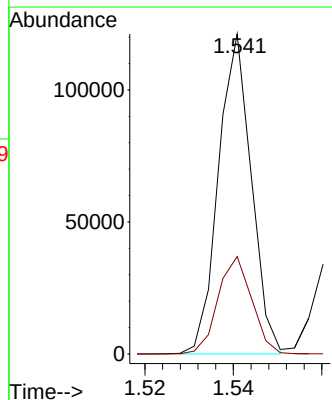
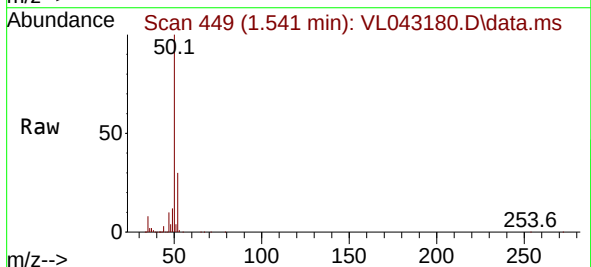
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ClientSampleId :
VSTDCCC010

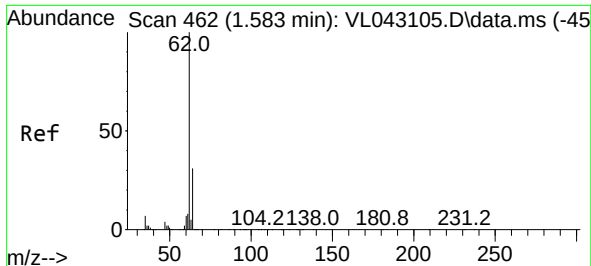
Tgt Ion: 51 Resp: 202454
Ion Ratio Lower Upper
51 100
67 19.0 15.1 22.7



#4
Chloromethane
Concen: 8.379 ppbv
RT: 1.541 min Scan# 449
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 50 Resp: 62541
Ion Ratio Lower Upper
50 100
52 30.4 25.2 37.8

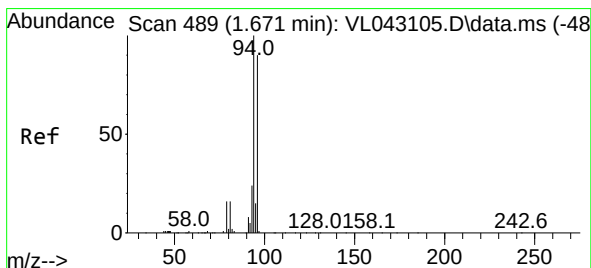
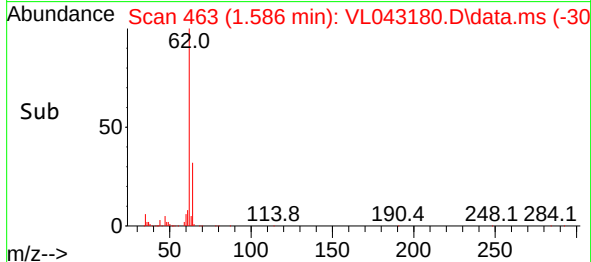
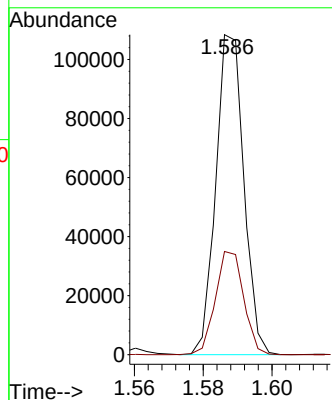
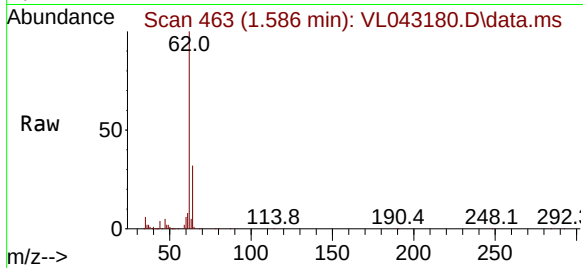




#5
 Vinyl Chloride
 Concen: 8.386 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. 0.003 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

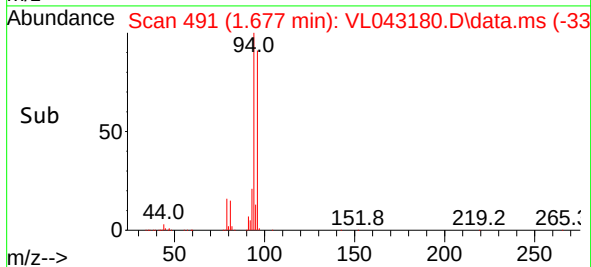
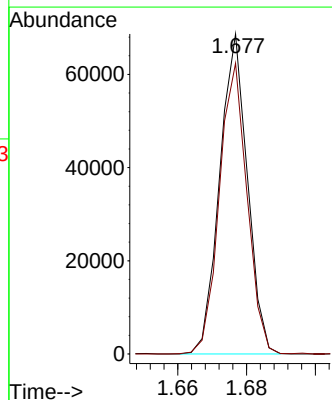
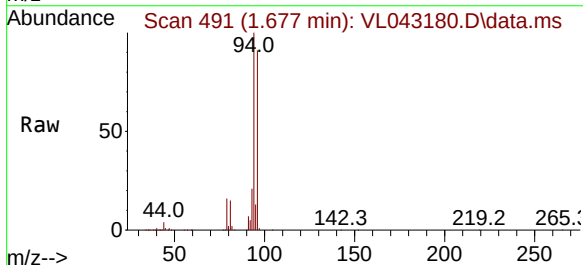
Instrument :
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 ClientSampleId :
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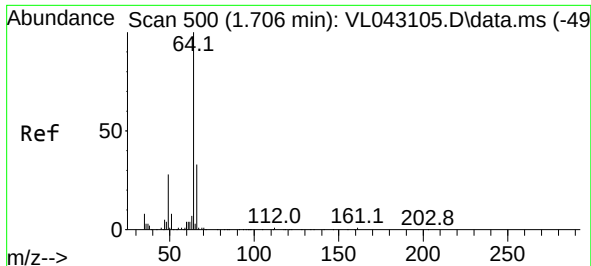
Tgt Ion: 62 Resp: 61391
 Ion Ratio Lower Upper
 62 100
 64 32.2 24.6 36.8



#6
 Bromomethane
 Concen: 9.584 ppbv
 RT: 1.677 min Scan# 491
 Delta R.T. 0.006 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Tgt Ion: 94 Resp: 38477
 Ion Ratio Lower Upper
 94 100
 96 90.7 72.2 108.4

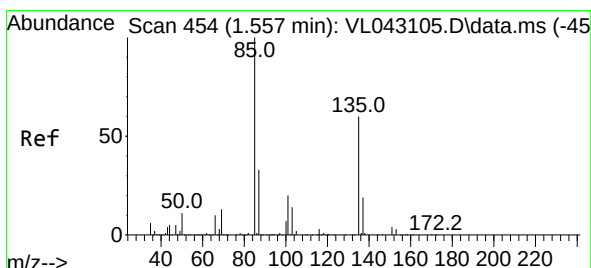
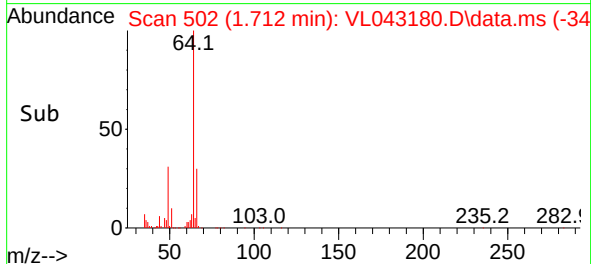
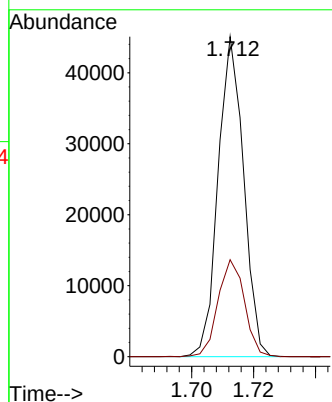
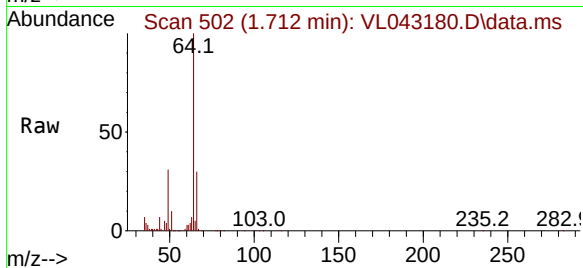




#7
Chloroethane
Concen: 8.605 ppbv
RT: 1.712 min Scan# 500
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

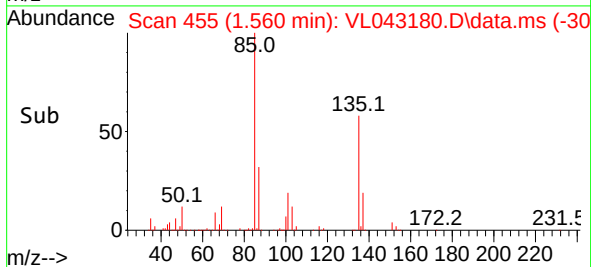
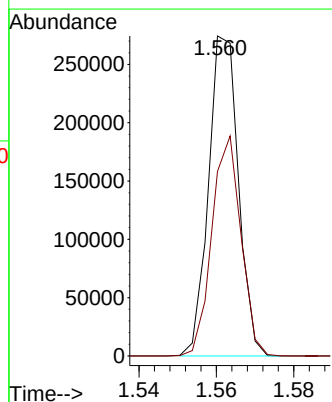
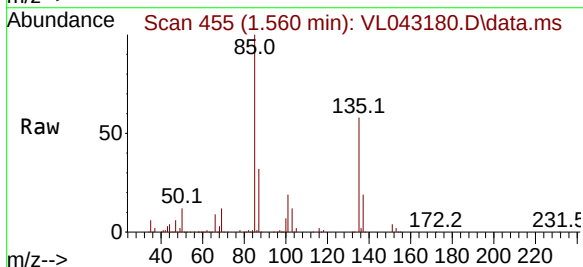
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ClientSampleId :
VSTDCCC010

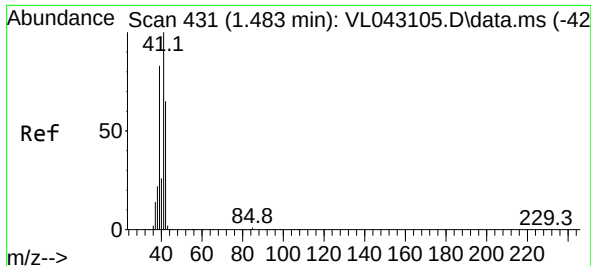
Tgt Ion: 64 Resp: 25756
Ion Ratio Lower Upper
64 100
66 30.3 26.0 39.0



#8
Dichlorotetrafluoroethane
Concen: 9.667 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 85 Resp: 147205
Ion Ratio Lower Upper
85 100
135 66.8 48.2 72.4

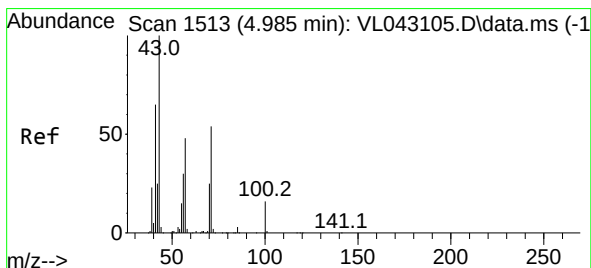
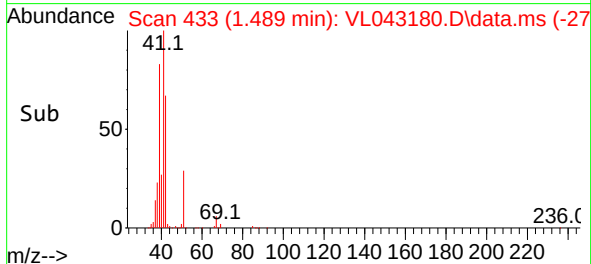
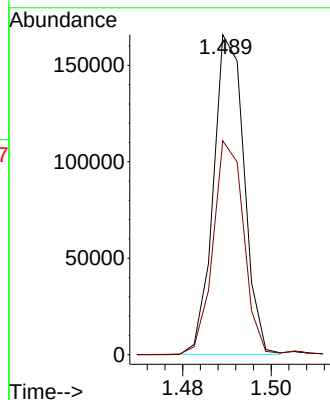
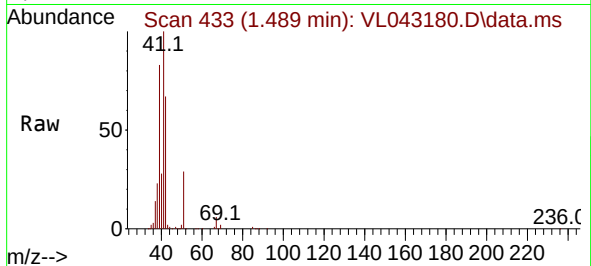




#9
Propene
Concen: 8.816 ppbv
RT: 1.489 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

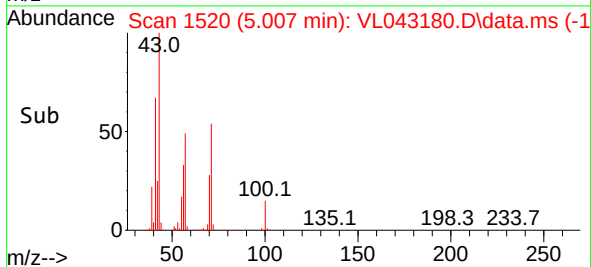
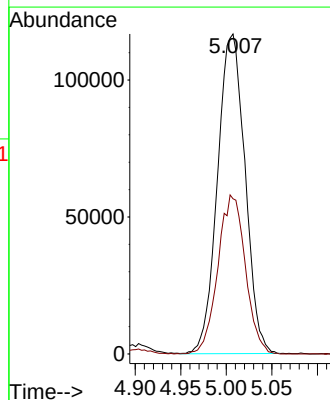
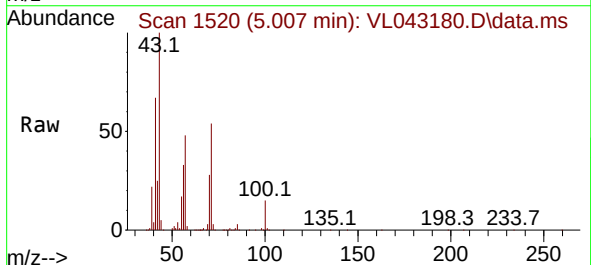
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

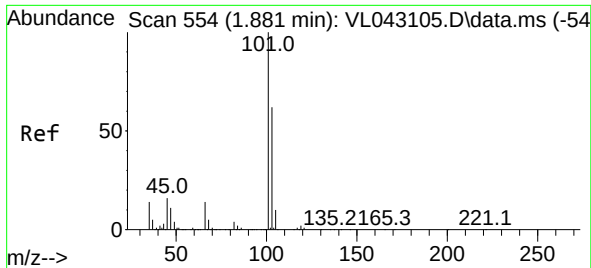
Tgt Ion: 41 Resp: 79706
Ion Ratio Lower Upper
41 100
42 67.9 55.1 82.7



#10
Heptane
Concen: 9.418 ppbv
RT: 5.007 min Scan# 1520
Delta R.T. 0.022 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 43 Resp: 245150
Ion Ratio Lower Upper
43 100
57 49.7 40.8 61.2

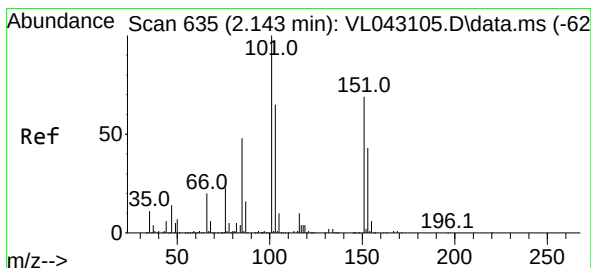
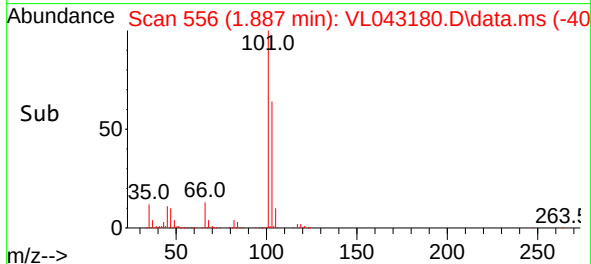
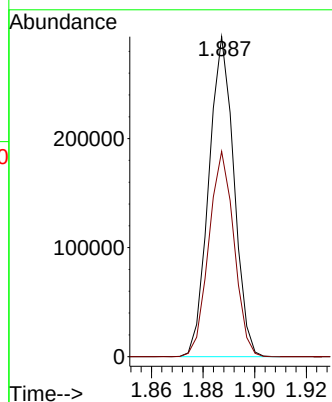
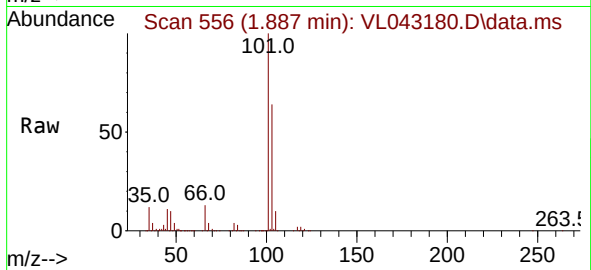




#11
Trichlorofluoromethane
Concen: 10.751 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

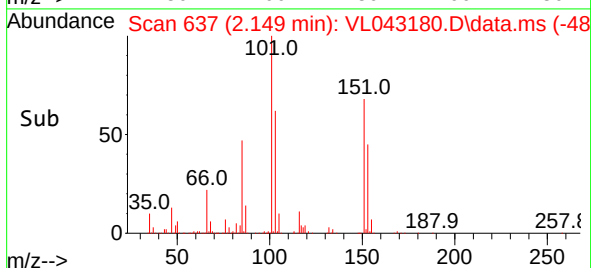
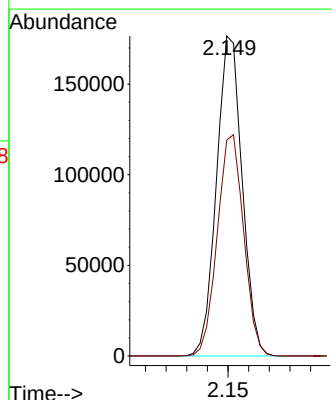
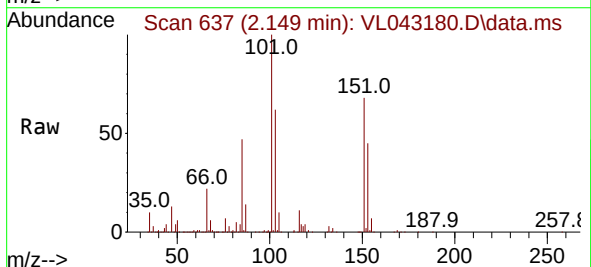
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

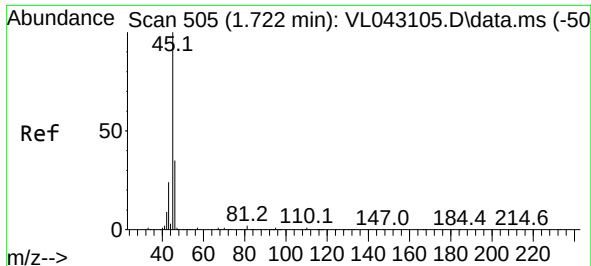
Tgt Ion:101 Resp: 198142
Ion Ratio Lower Upper
101 100
103 64.1 49.3 73.9



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.289 ppbv
RT: 2.149 min Scan# 637
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion:101 Resp: 152666
Ion Ratio Lower Upper
101 100
151 70.9 54.7 82.1

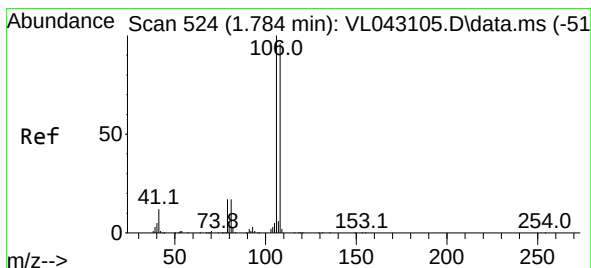
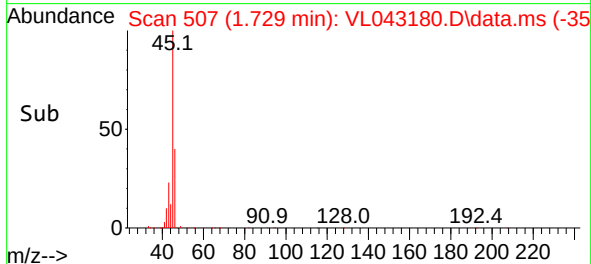
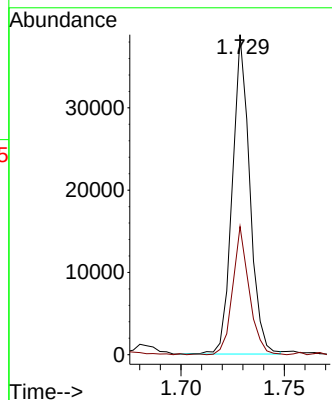
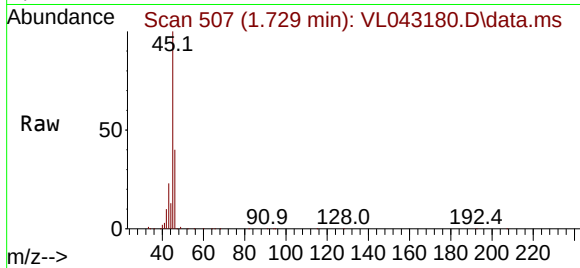




#13
Ethanol
Concen: 6.803 ppbv
RT: 1.729 min Scan# 505
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

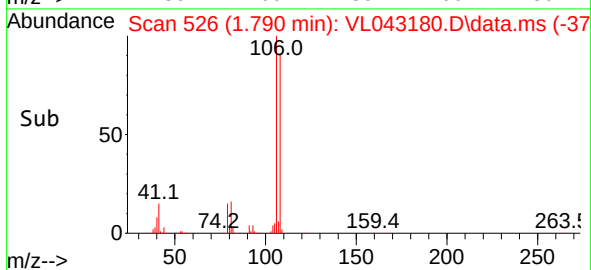
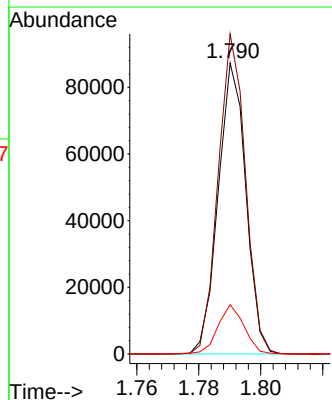
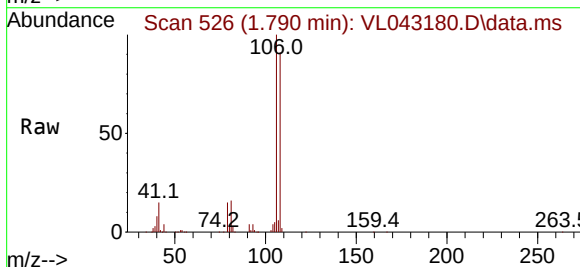
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

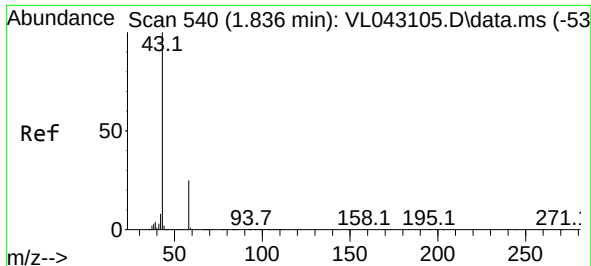
Tgt Ion: 45 Resp: 22752
Ion Ratio Lower Upper
45 100
46 38.4 14.7 58.9



#14
Bromoethene
Concen: 9.820 ppbv
RT: 1.790 min Scan# 526
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 108 Resp: 54128
Ion Ratio Lower Upper
108 100
106 108.0 84.4 126.6
79 16.3 15.3 22.9

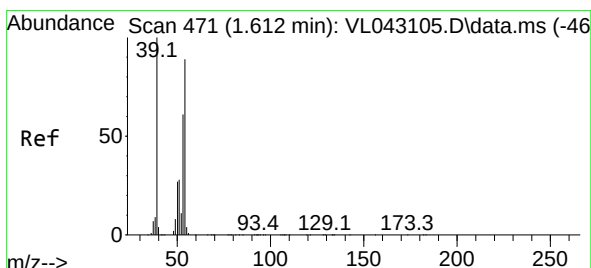
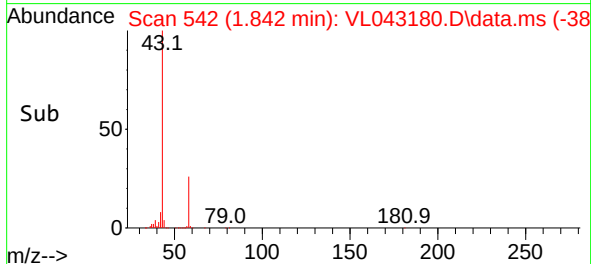
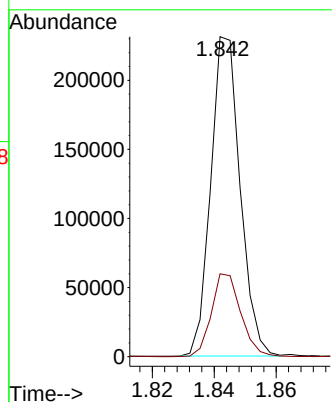
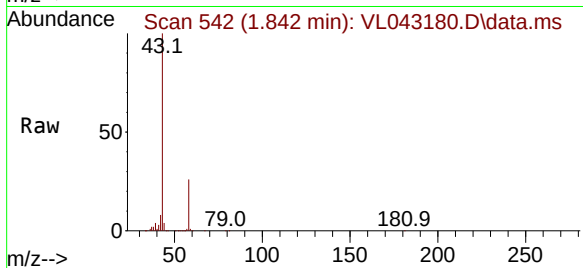




#15
Acetone
Concen: 8.537 ppbv
RT: 1.842 min Scan# 540
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

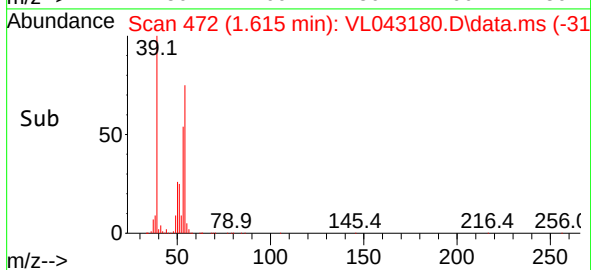
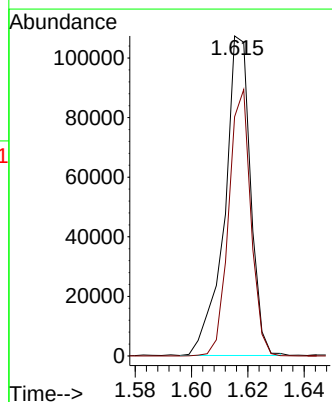
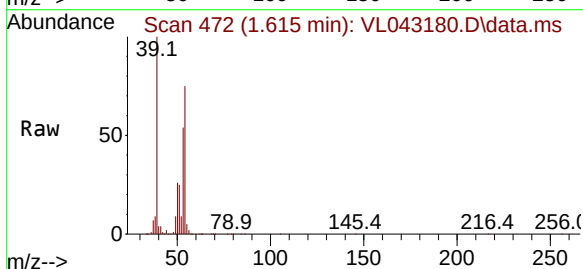
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

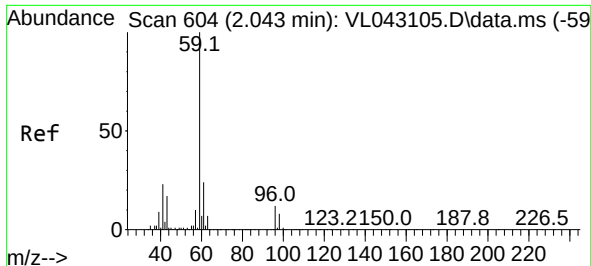
Tgt Ion: 43 Resp: 152492
Ion Ratio Lower Upper
43 100
58 26.2 20.8 31.2



#16
1,3-Butadiene
Concen: 8.072 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.003 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 39 Resp: 68719
Ion Ratio Lower Upper
39 100
54 71.1 59.0 88.4





#17

tert-Butyl alcohol

Concen: 8.602 ppbv

RT: 2.049 min Scan# 605

Delta R.T. 0.006 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

Instrument :

MSVOA_L

ClientSampleId :

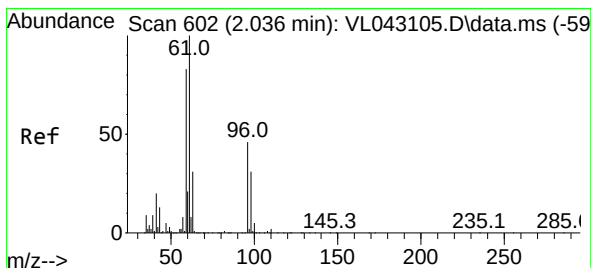
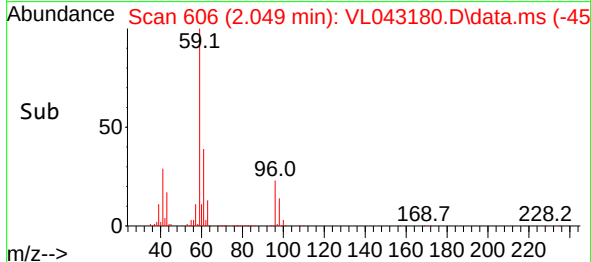
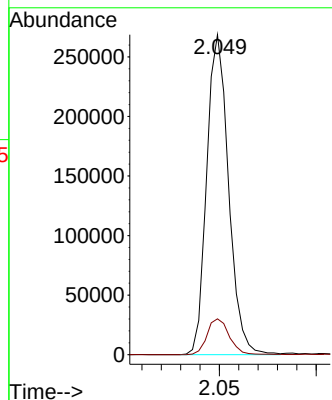
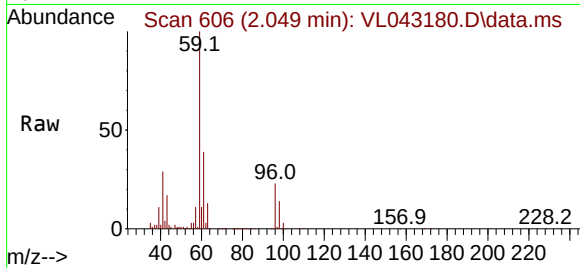
VSTDCCC010

Tgt Ion: 59 Resp: 210931

Ion Ratio Lower Upper

59 100

57 11.7 8.2 12.4



#18

1,1-Dichloroethene

Concen: 10.117 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.010 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

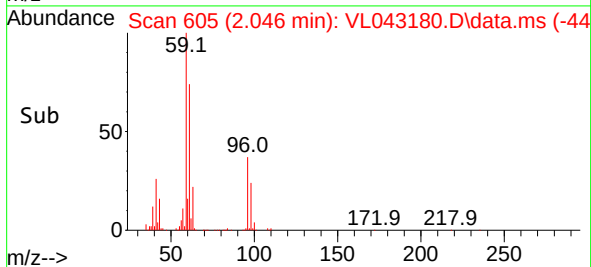
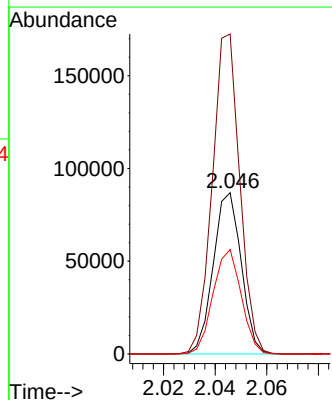
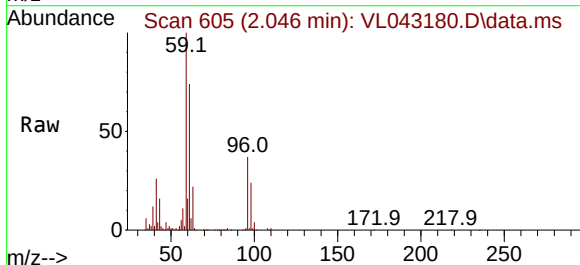
Tgt Ion: 96 Resp: 65440

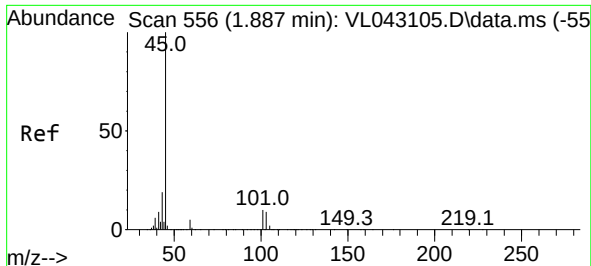
Ion Ratio Lower Upper

96 100

61 198.5 173.4 260.0

98 64.8 53.2 79.8

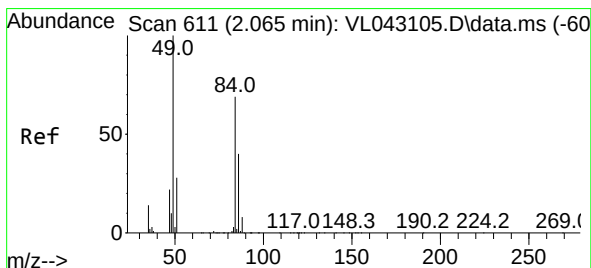
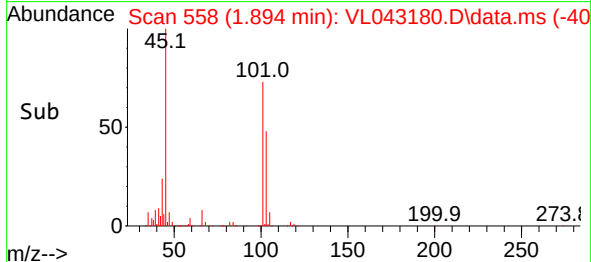
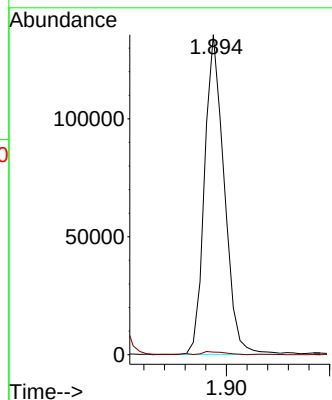
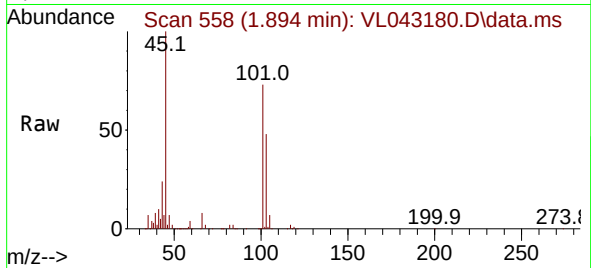




#19
Isopropyl Alcohol
Concen: 8.052 ppbv
RT: 1.894 min Scan# 51
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

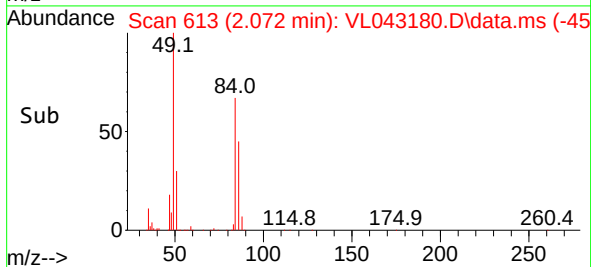
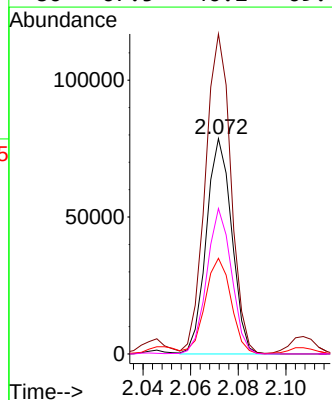
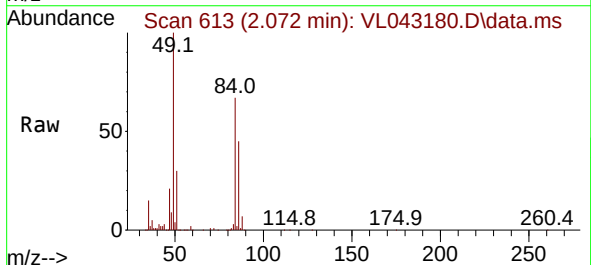
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

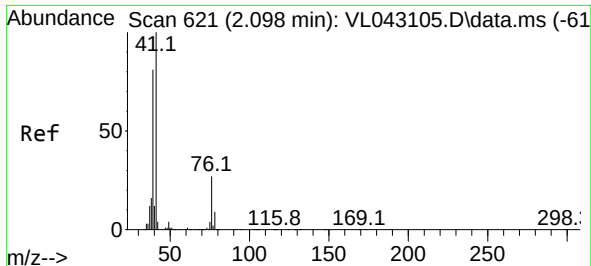
Tgt Ion: 45 Resp: 89581
Ion Ratio Lower Upper
45 100
58 44.5 31.3 46.9



#20
Methylene Chloride
Concen: 8.271 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 84 Resp: 58402
Ion Ratio Lower Upper
84 100
49 147.3 116.6 175.0
51 43.9 34.8 52.2
86 67.5 46.2 69.4





#21

Allyl Chloride

Concen: 8.700 ppbv

RT: 2.107 min Scan# 61

Delta R.T. 0.010 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

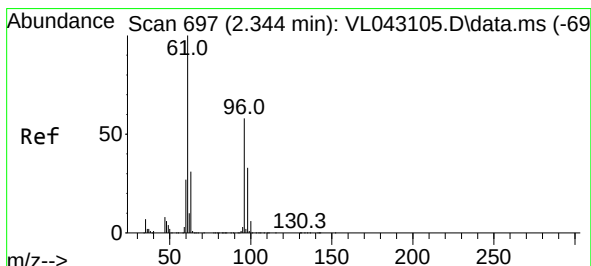
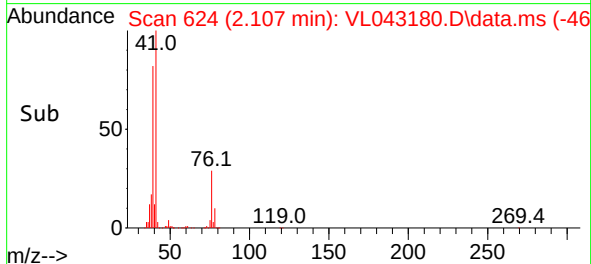
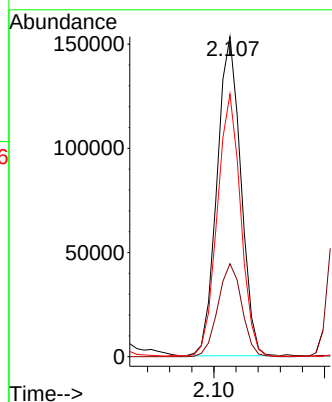
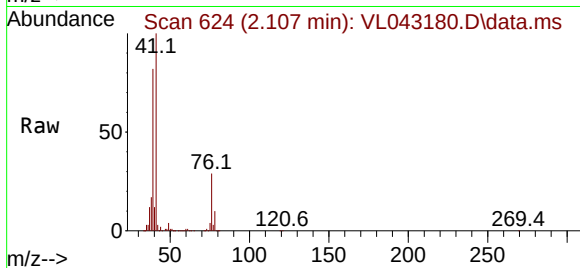
Tgt Ion: 41 Resp: 114525

Ion Ratio Lower Upper

41 100

76 29.2 21.5 32.3

39 80.8 60.8 91.2



#22

trans-1,2-Dichloroethene

Concen: 10.071 ppbv

RT: 2.353 min Scan# 700

Delta R.T. 0.010 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

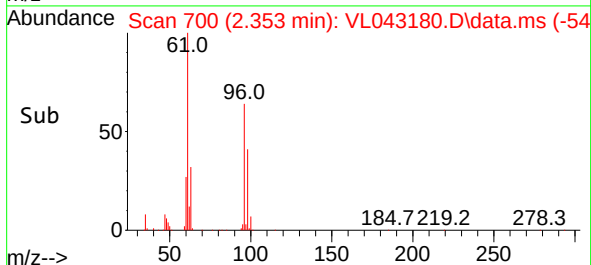
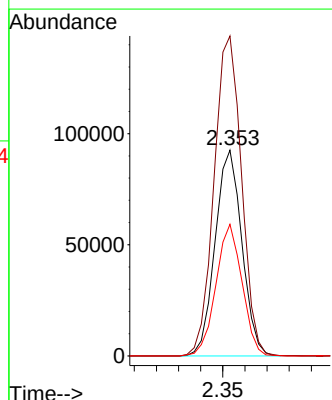
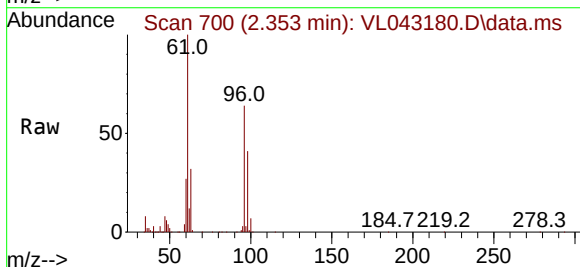
Tgt Ion: 96 Resp: 77870

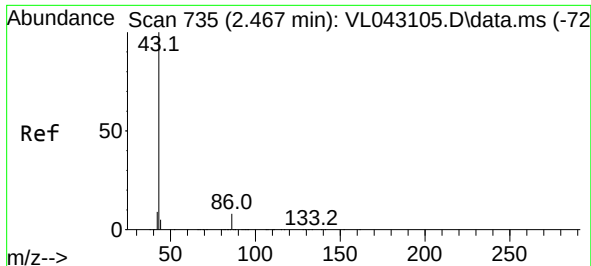
Ion Ratio Lower Upper

96 100

61 155.5 137.0 205.6

98 64.0 45.5 68.3



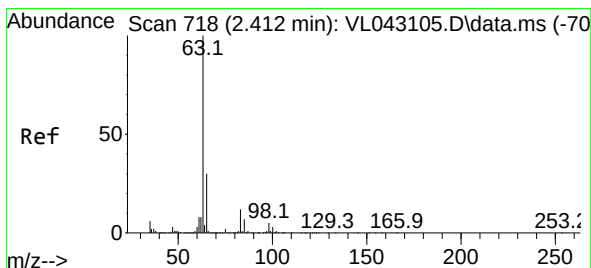
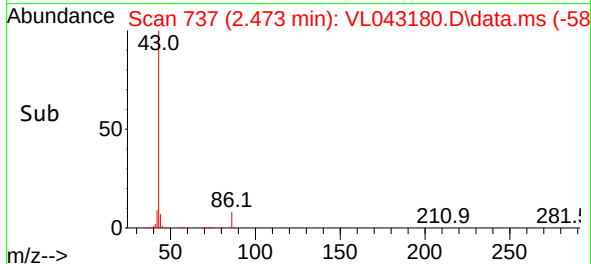
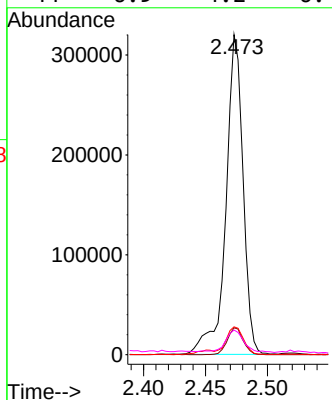
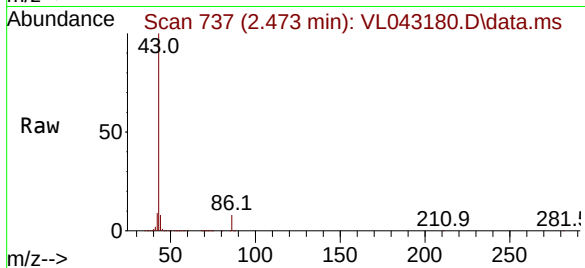


#23
 Vinyl Acetate
 Concen: 11.827 ppbv
 RT: 2.473 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 309477

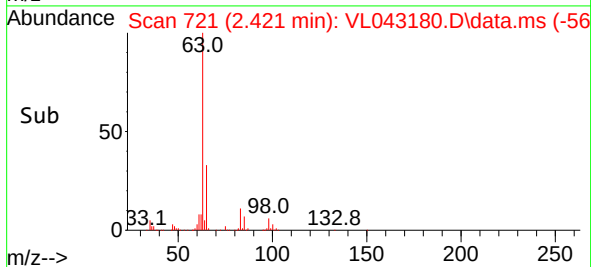
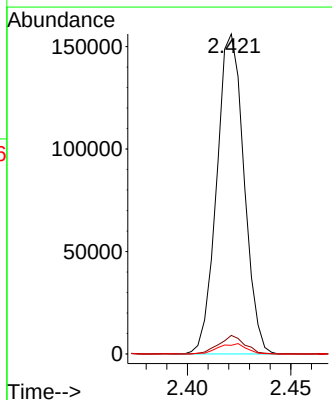
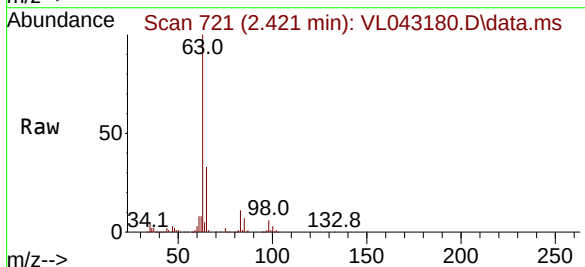
Ion	Ratio	Lower	Upper
43	100		
86	8.4	6.2	9.2
42	8.6	7.6	11.4
44	6.9	4.2	6.4

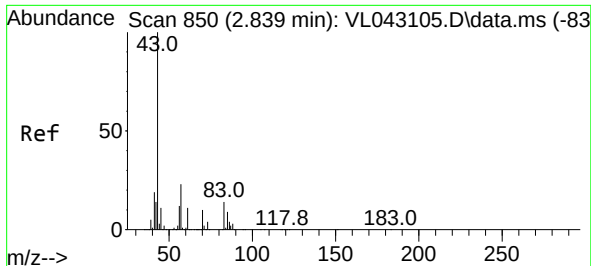


#24
 1,1-Dichloroethane
 Concen: 9.604 ppbv
 RT: 2.421 min Scan# 721
 Delta R.T. 0.010 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Tgt Ion: 63 Resp: 143474

Ion	Ratio	Lower	Upper
63	100		
98	5.8	2.6	7.8
100	2.7	1.5	4.4

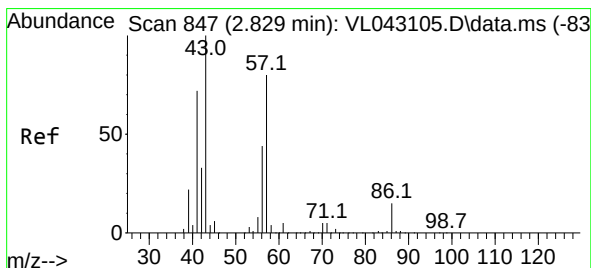
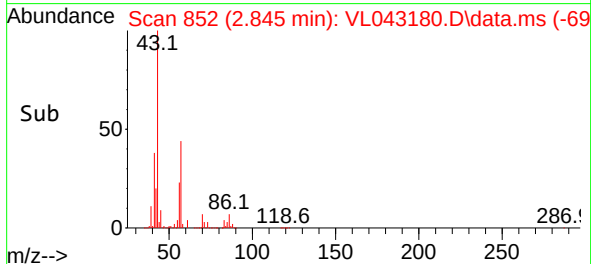
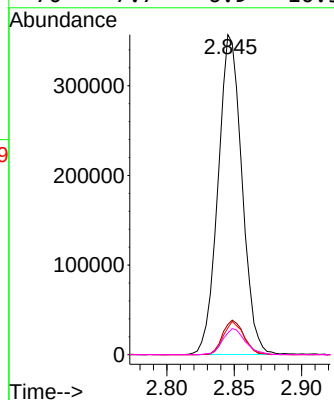
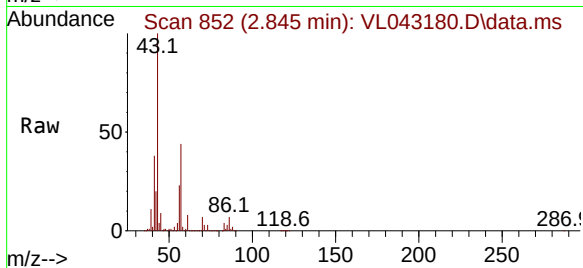




#25
Ethyl Acetate
Concen: 9.935 ppbv
RT: 2.845 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

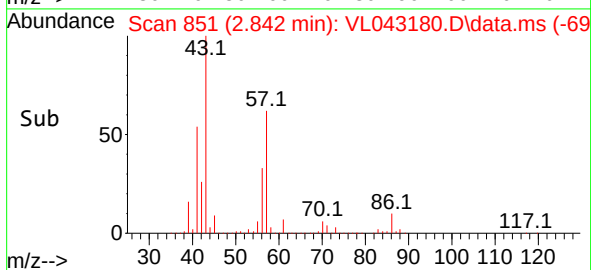
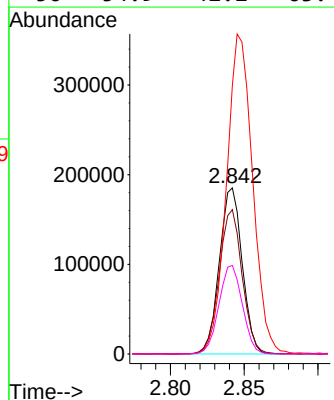
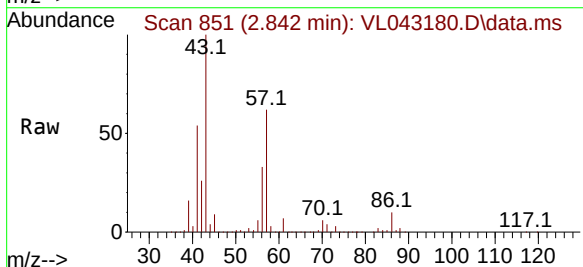
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

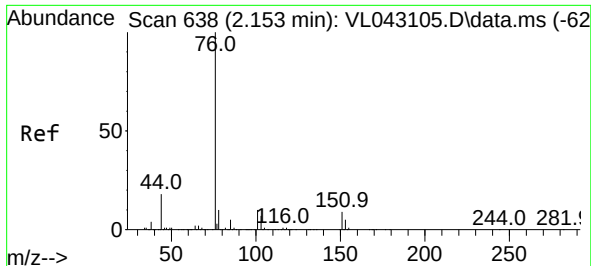
Tgt Ion: 43	Resp: 440087
Ion Ratio	Lower Upper
43 100	
45 9.7	7.8 11.8
61 8.9	7.0 10.6
70 7.7	6.9 10.3



#26
Hexane
Concen: 9.752 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.013 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 57	Resp: 199063
Ion Ratio	Lower Upper
57 100	
41 89.1	71.4 107.0
43 222.4	178.5 267.7
56 54.9	42.2 63.4

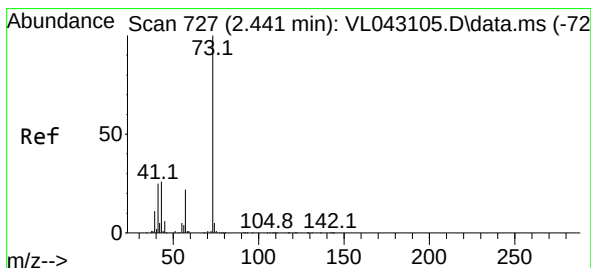
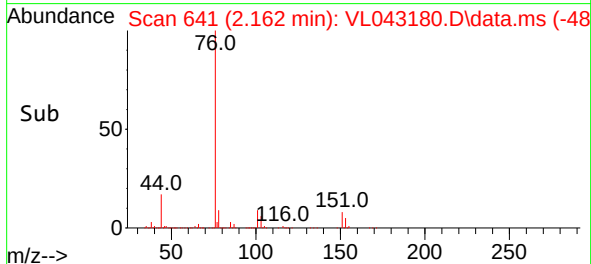
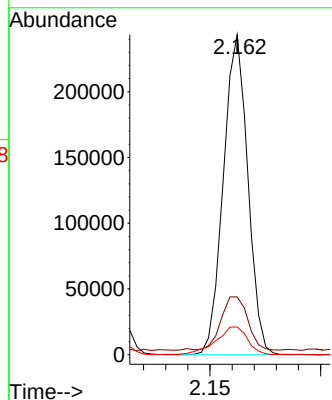
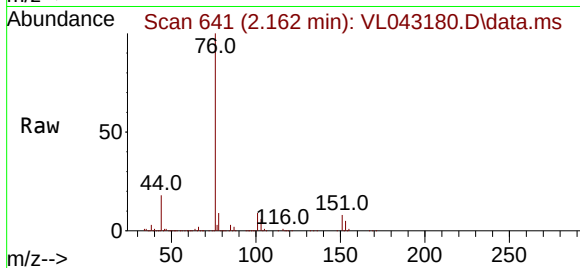




#27
Carbon Disulfide
Concen: 9.988 ppbv
RT: 2.162 min Scan# 641
Delta R.T. 0.010 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

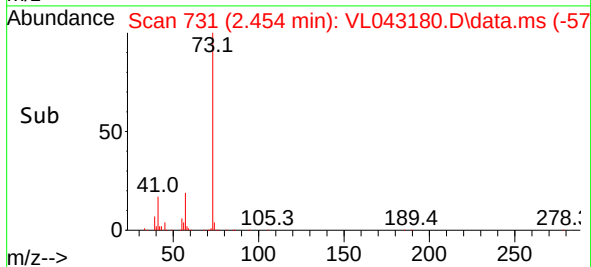
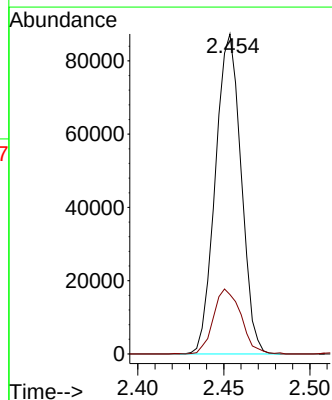
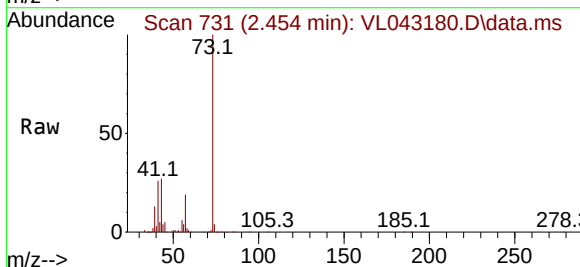
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

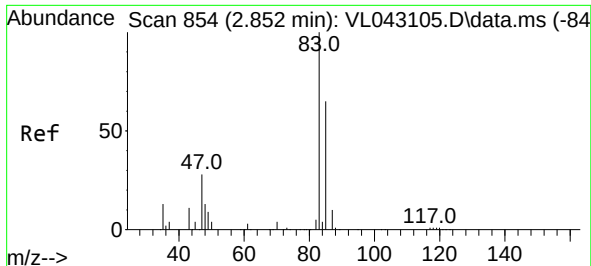
Tgt Ion: 76 Resp: 186799
Ion Ratio Lower Upper
76 100
44 20.4 16.7 25.1
78 11.2 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 9.782 ppbv
RT: 2.454 min Scan# 731
Delta R.T. 0.013 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 73 Resp: 90840
Ion Ratio Lower Upper
73 100
57 21.9 20.5 30.7

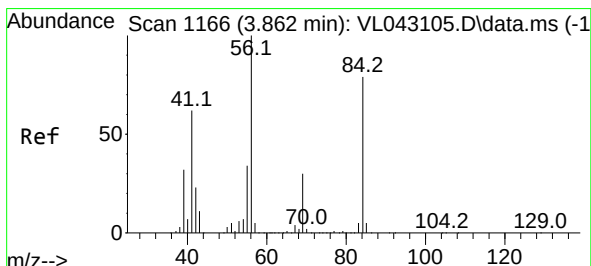
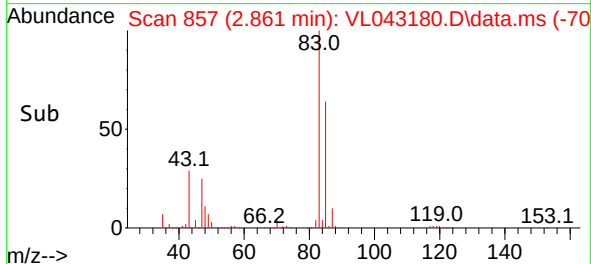
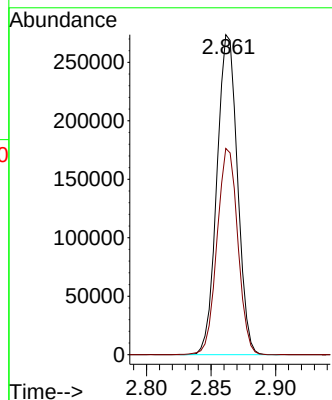
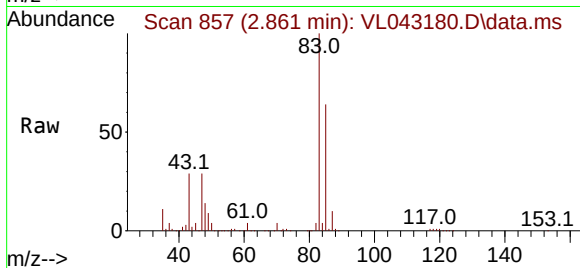




#29
Chloroform
Concen: 10.201 ppbv
RT: 2.861 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

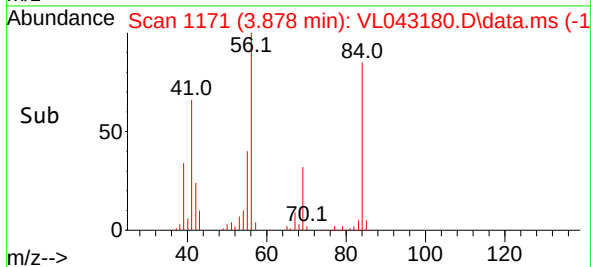
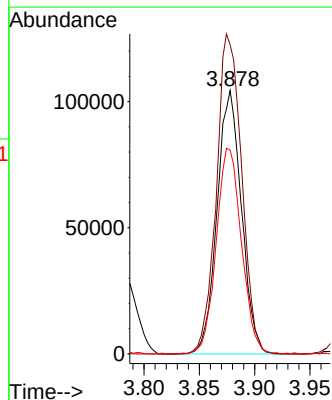
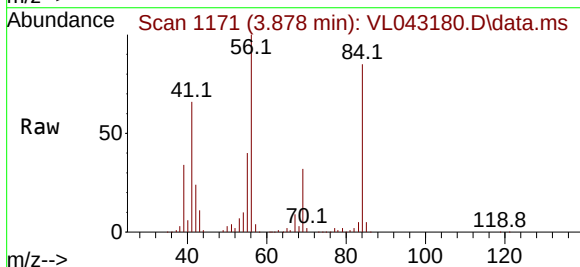
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

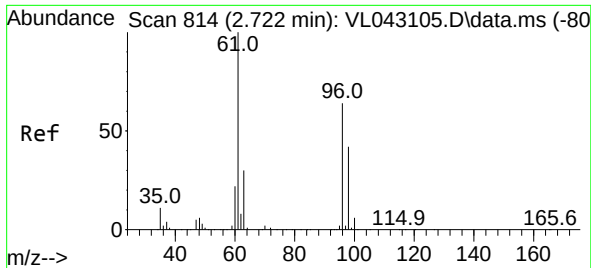
Tgt Ion: 83 Resp: 301692
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.6



#30
Cyclohexane
Concen: 8.993 ppbv
RT: 3.878 min Scan# 1171
Delta R.T. 0.016 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 84 Resp: 160214
Ion Ratio Lower Upper
84 100
56 125.3 100.9 151.3
41 81.0 63.8 95.6

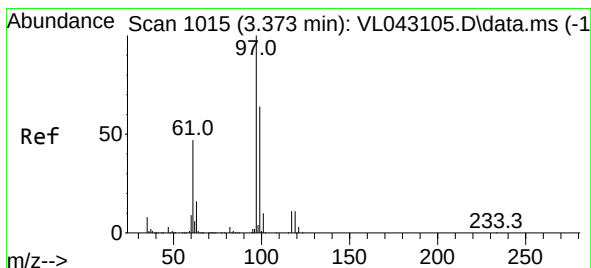
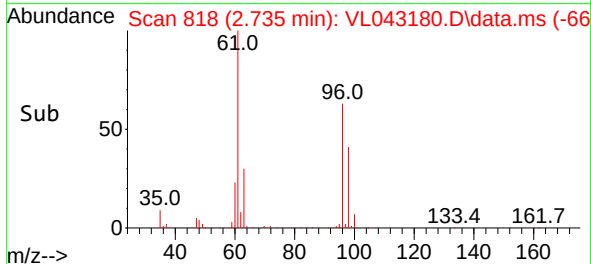
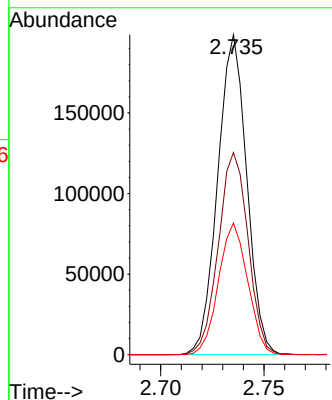
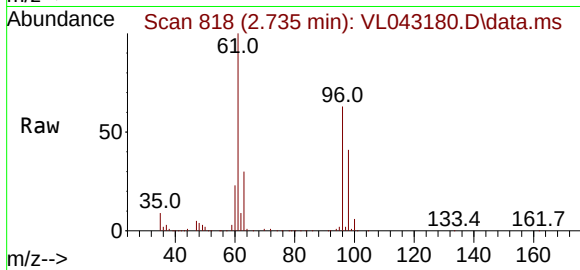




#31
 cis-1,2-Dichloroethene
 Concen: 9.965 ppbv
 RT: 2.735 min Scan# 814
 Delta R.T. 0.013 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

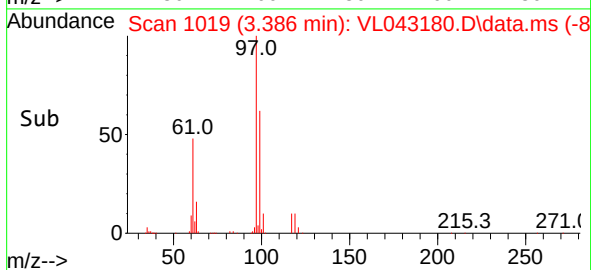
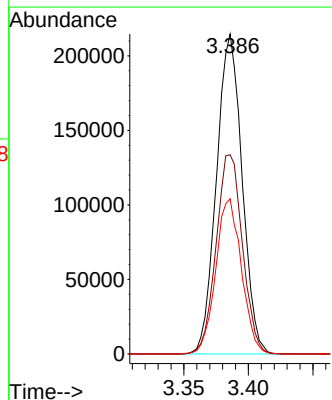
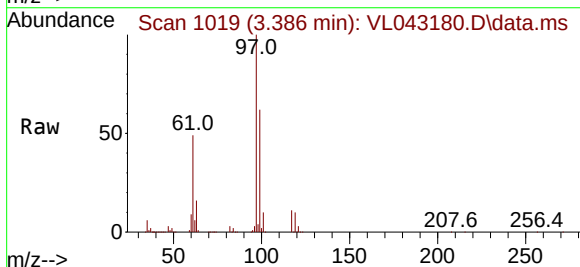
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

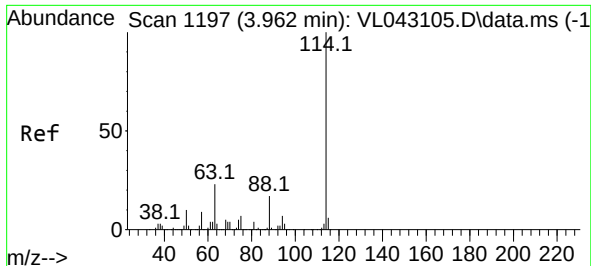
Tgt Ion: 61 Resp: 194237
 Ion Ratio Lower Upper
 61 100
 96 63.2 51.0 76.6
 98 41.1 33.5 50.3



#32
 1,1,1-Trichloroethane
 Concen: 9.618 ppbv
 RT: 3.386 min Scan# 1019
 Delta R.T. 0.013 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Tgt Ion: 97 Resp: 296240
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.3 76.9
 61 48.6 38.4 57.6

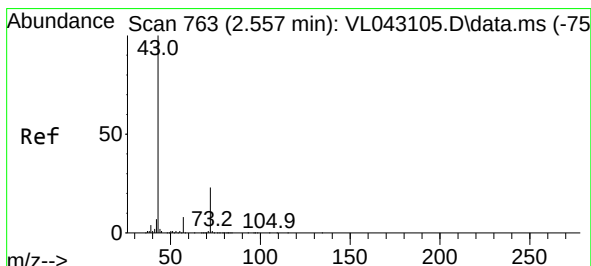
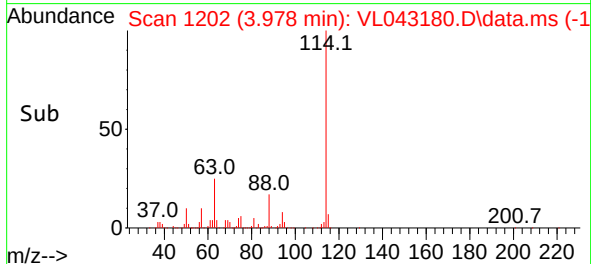
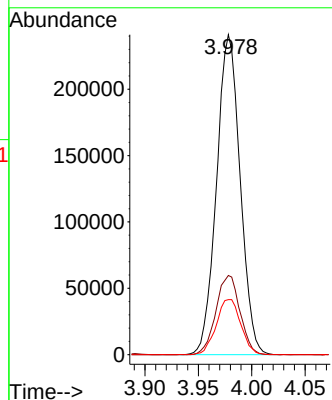
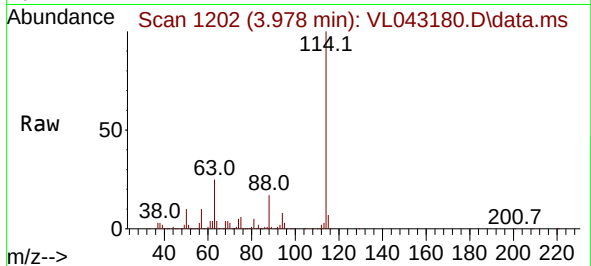




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan# 1197
Delta R.T. 0.016 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

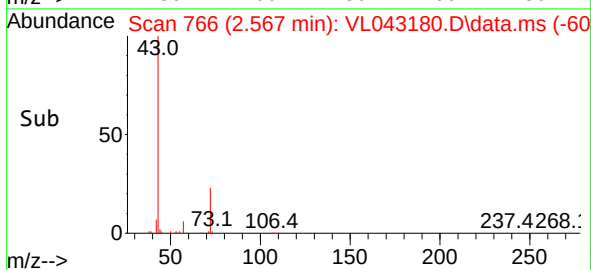
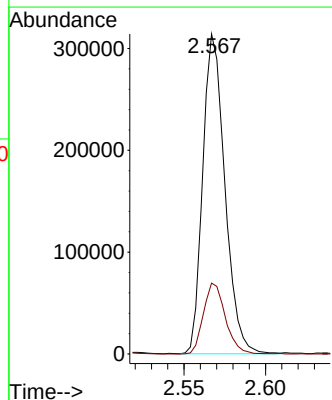
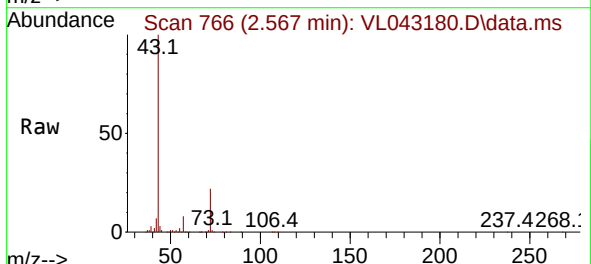
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

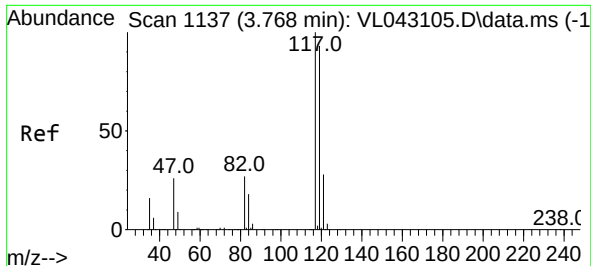
Tgt Ion:114 Resp: 370924
Ion Ratio Lower Upper
114 100
63 25.2 19.3 28.9
88 17.9 13.9 20.9



#34
2-Butanone
Concen: 11.894 ppbv
RT: 2.567 min Scan# 766
Delta R.T. 0.010 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 43 Resp: 296563
Ion Ratio Lower Upper
43 100
72 22.0 18.4 27.6

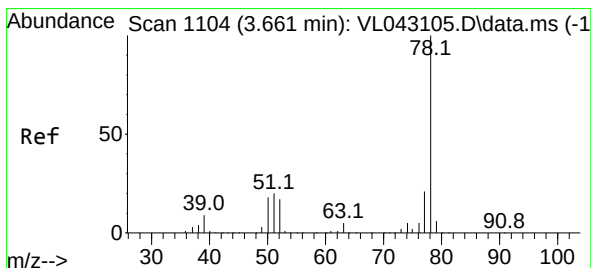
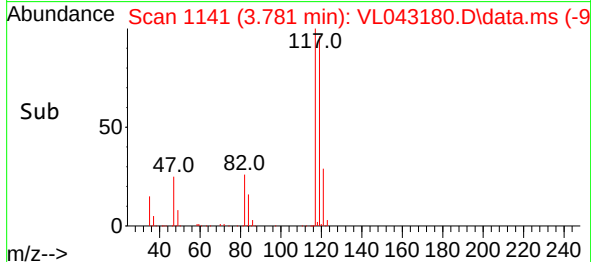
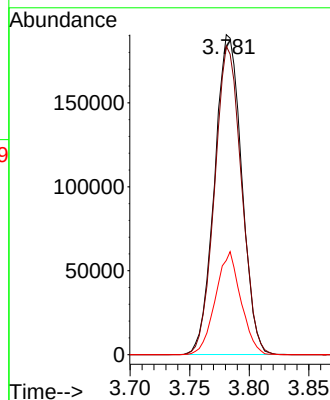
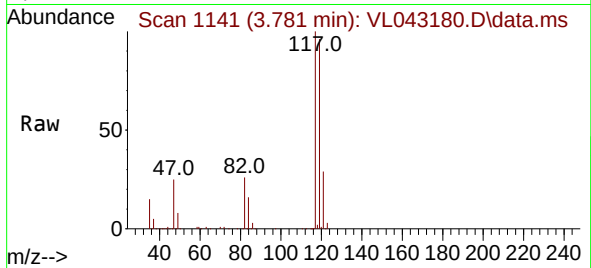




#35
Carbon Tetrachloride
Concen: 11.297 ppbv
RT: 3.781 min Scan# 1141
Delta R.T. 0.013 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

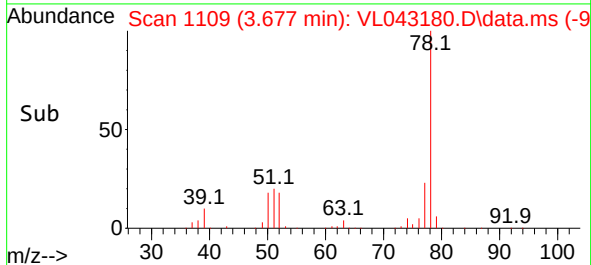
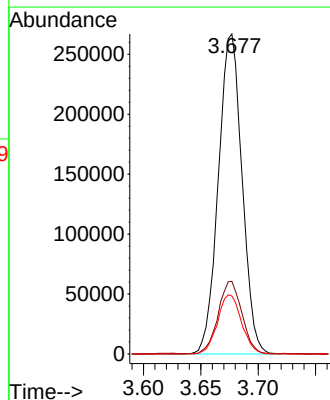
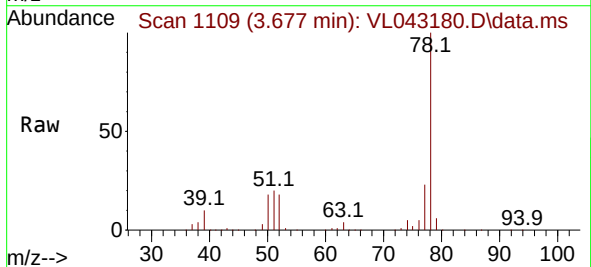
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

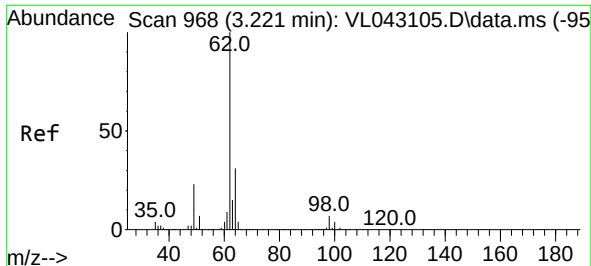
Tgt Ion:117 Resp: 301277
Ion Ratio Lower Upper
117 100
119 96.5 74.1 111.1
121 29.5 22.2 33.2



#36
Benzene
Concen: 10.966 ppbv
RT: 3.677 min Scan# 1109
Delta R.T. 0.016 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 78 Resp: 383103
Ion Ratio Lower Upper
78 100
77 22.7 17.0 25.6
50 18.1 14.6 22.0





#37

1,2-Dichloroethane

Concen: 11.550 ppbv

RT: 3.234 min Scan# 91

Delta R.T. 0.013 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

Instrument :

MSVOA_L

ClientSampleId :

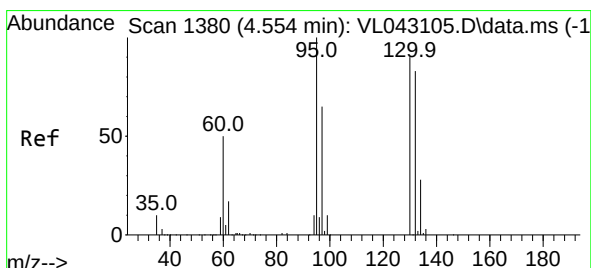
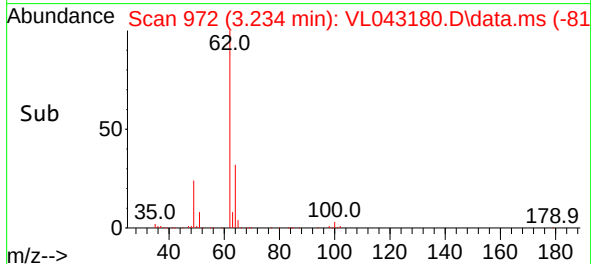
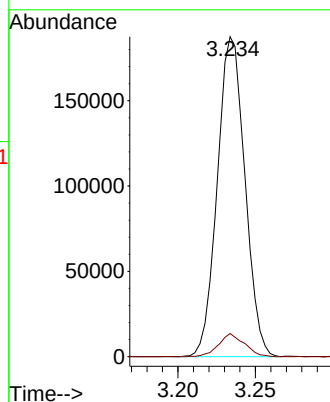
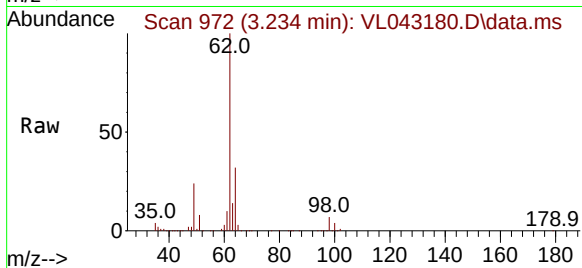
VSTDCCC010

Tgt Ion: 62 Resp: 232445

Ion Ratio Lower Upper

62 100

98 6.8 5.8 8.6



#38

Trichloroethene

Concen: 9.926 ppbv

RT: 4.574 min Scan# 1386

Delta R.T. 0.019 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

Tgt Ion:130 Resp: 144831

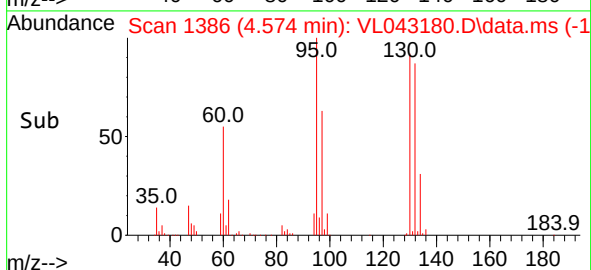
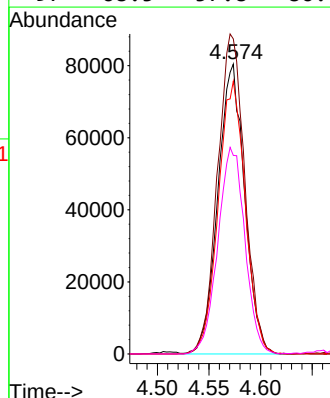
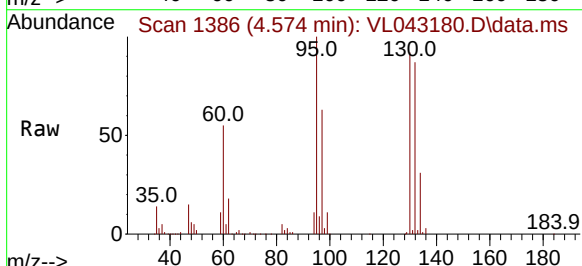
Ion Ratio Lower Upper

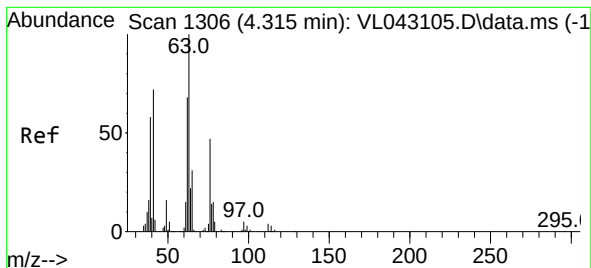
130 100

95 108.6 88.6 133.0

132 93.9 73.4 110.0

97 68.5 57.8 86.6





#39

1,2-Dichloropropane

Concen: 11.001 ppbv

RT: 4.337 min Scan# 1

Delta R.T. 0.022 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

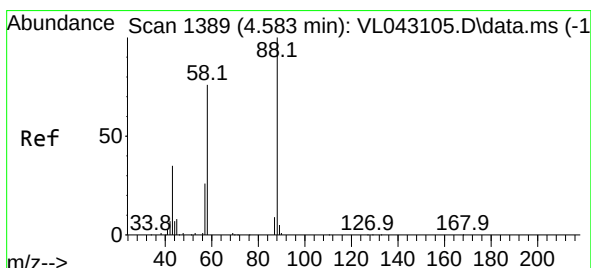
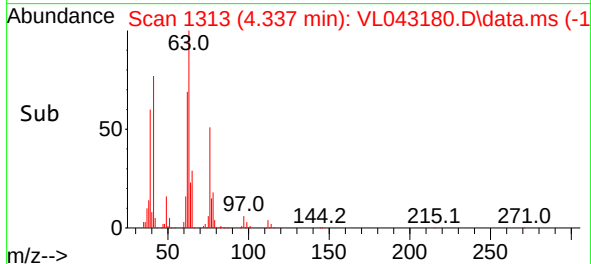
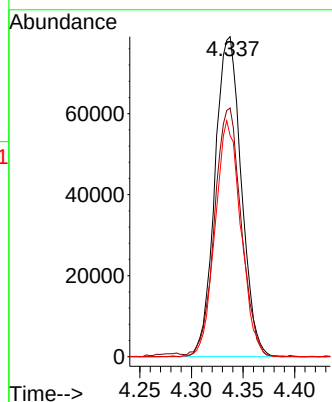
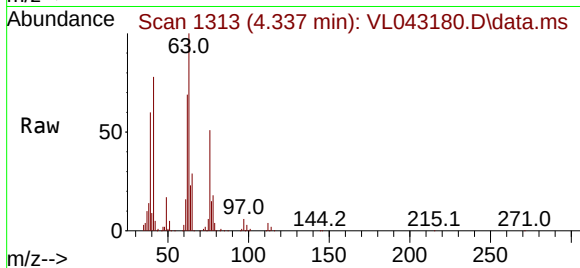
Tgt Ion: 63 Resp: 140510

Ion Ratio Lower Upper

63 100

41 77.5 58.0 87.0

62 69.1 54.7 82.1



#40

1,4-Dioxane

Concen: 10.101 ppbv

RT: 4.603 min Scan# 1395

Delta R.T. 0.019 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

Tgt Ion: 88 Resp: 57730

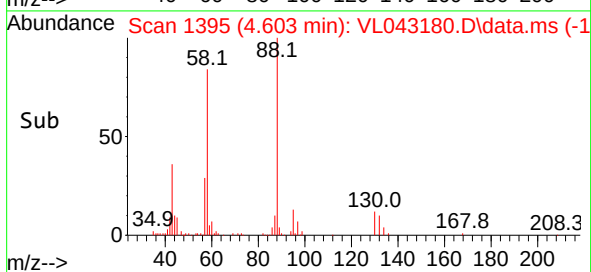
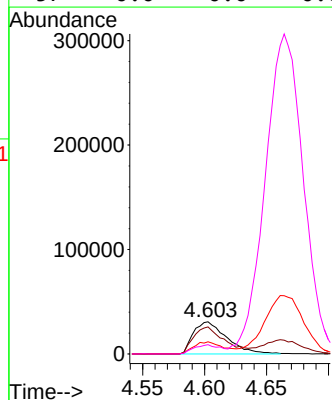
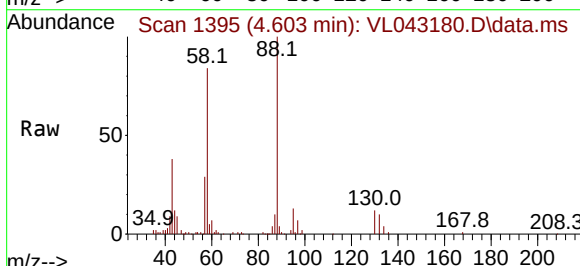
Ion Ratio Lower Upper

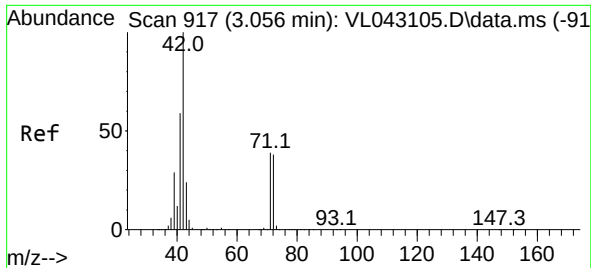
88 100

58 78.4 61.1 91.7

43 34.5 24.0 36.0

57 0.0 0.0 0.0

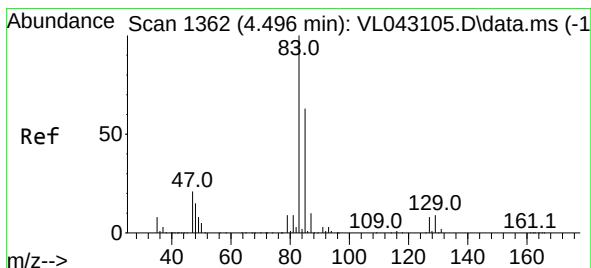
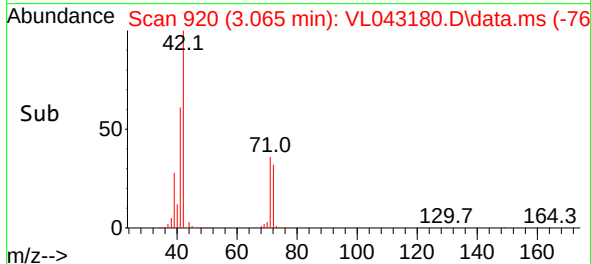
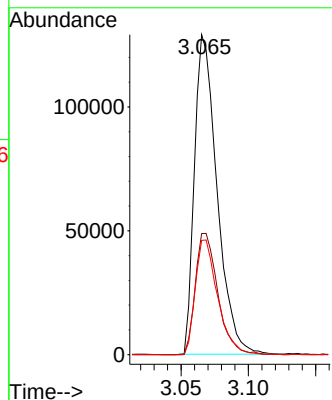
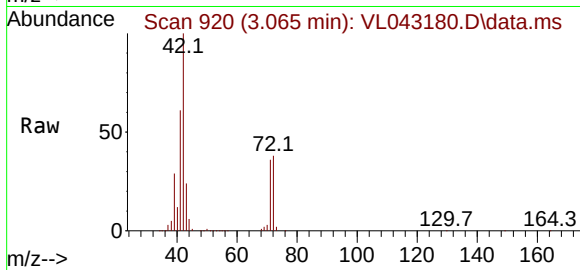




#41
Tetrahydrofuran
Concen: 10.778 ppbv
RT: 3.065 min Scan# 917
Delta R.T. 0.009 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

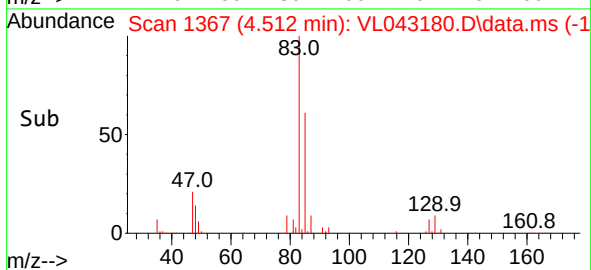
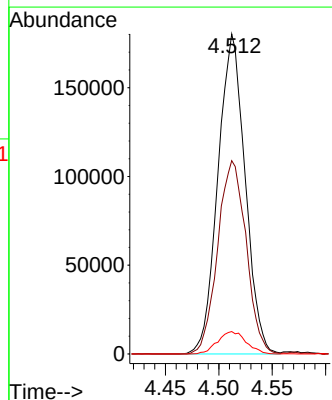
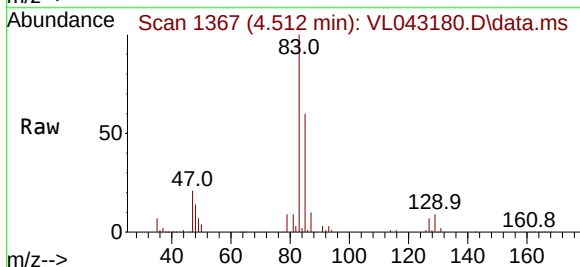
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

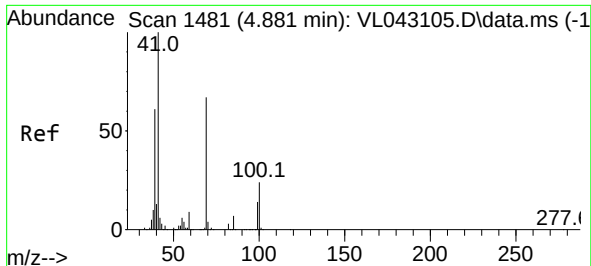
Tgt Ion: 42 Resp: 150298
Ion Ratio Lower Upper
42 100
72 38.0 31.3 46.9
71 35.7 30.4 45.6



#42
Bromodichloromethane
Concen: 11.440 ppbv
RT: 4.512 min Scan# 1367
Delta R.T. 0.016 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 83 Resp: 318665
Ion Ratio Lower Upper
83 100
85 60.4 50.6 75.8
127 7.0 6.3 9.5

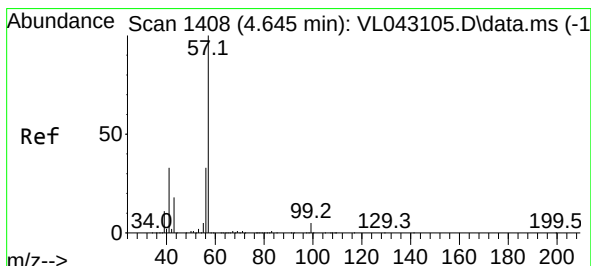
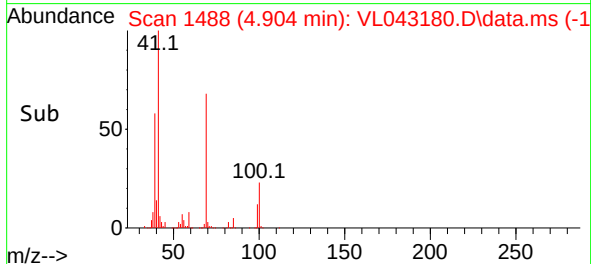
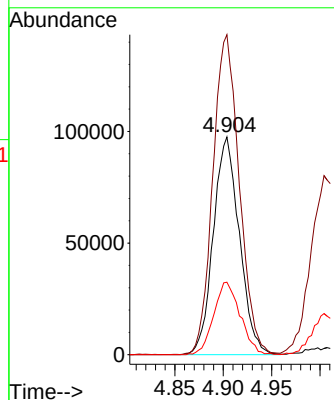
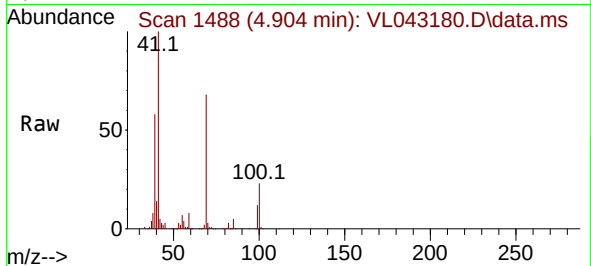




#43
Methyl Methacrylate
Concen: 10.292 ppbv
RT: 4.904 min Scan# 1414
Delta R.T. 0.022 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

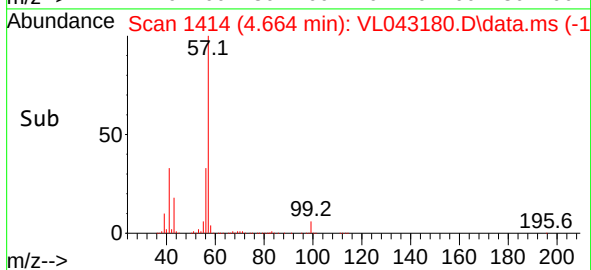
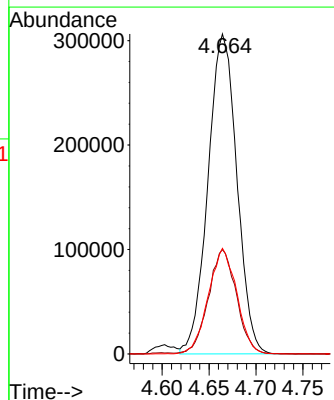
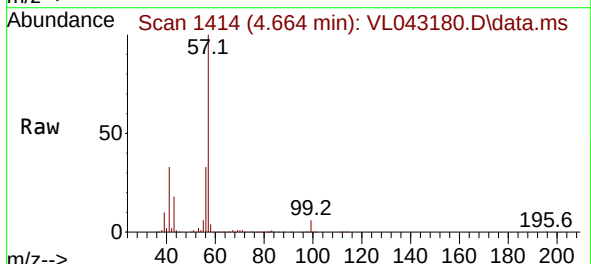
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

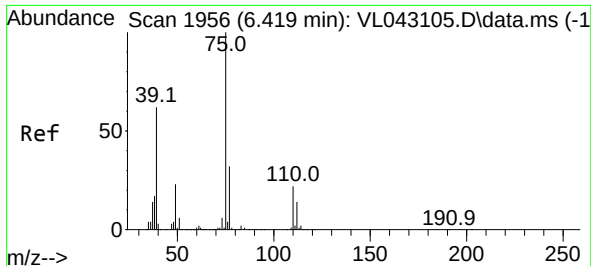
Tgt Ion: 69 Resp: 182621
Ion Ratio Lower Upper
69 100
41 148.7 120.5 180.7
100 33.8 29.0 43.4



#44
2,2,4-Trimethylpentane
Concen: 11.116 ppbv
RT: 4.664 min Scan# 1414
Delta R.T. 0.019 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 57 Resp: 655191
Ion Ratio Lower Upper
57 100
41 32.1 26.3 39.5
56 32.5 25.9 38.9

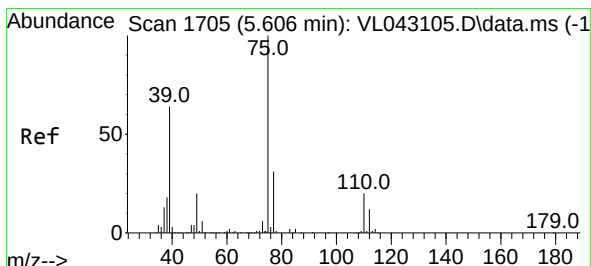
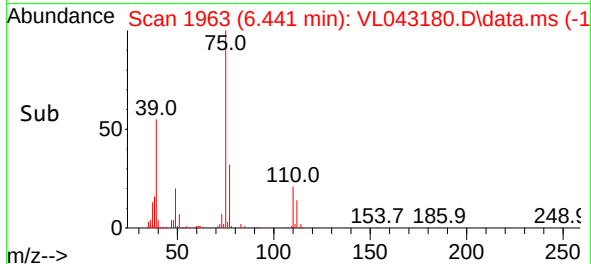
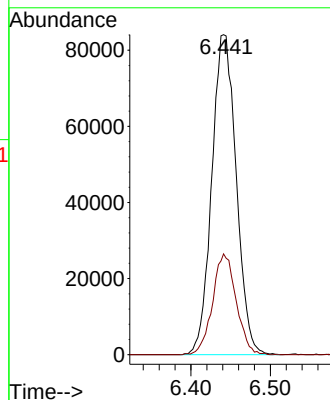
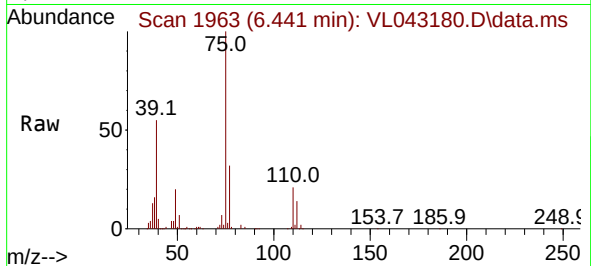




#45
 t-1,3-Dichloropropene
 Concen: 10.088 ppbv
 RT: 6.441 min Scan# 1956
 Delta R.T. 0.022 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

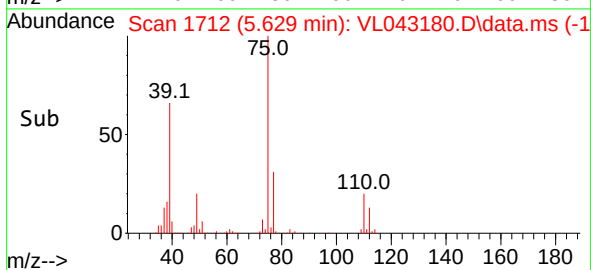
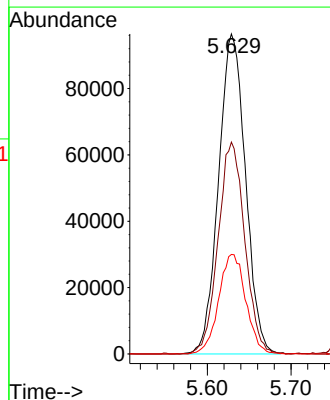
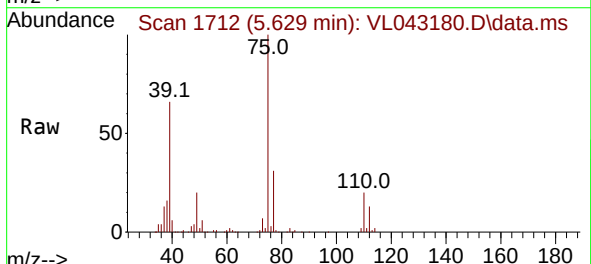
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

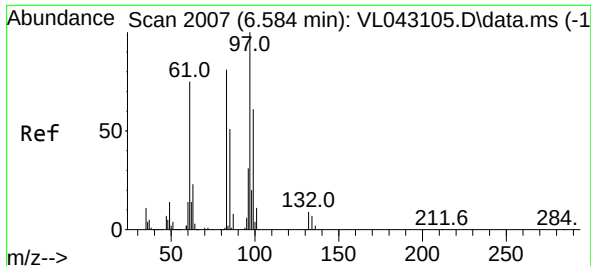
Tgt Ion: 75 Resp: 179639
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2



#46
 cis-1,3-Dichloropropene
 Concen: 10.132 ppbv
 RT: 5.629 min Scan# 1712
 Delta R.T. 0.022 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Tgt Ion: 75 Resp: 215528
 Ion Ratio Lower Upper
 75 100
 39 66.2 51.0 76.6
 77 31.1 25.0 37.4

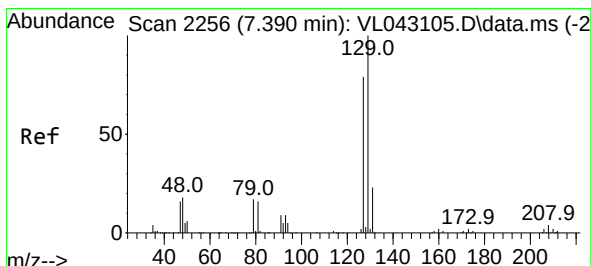
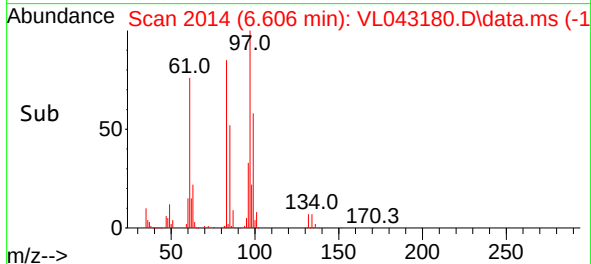
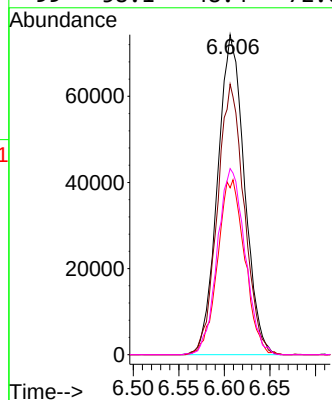
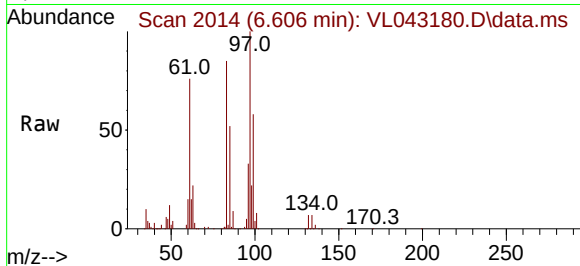




#47
 1,1,2-Trichloroethane
 Concen: 11.032 ppbv
 RT: 6.606 min Scan# 20
 Delta R.T. 0.022 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

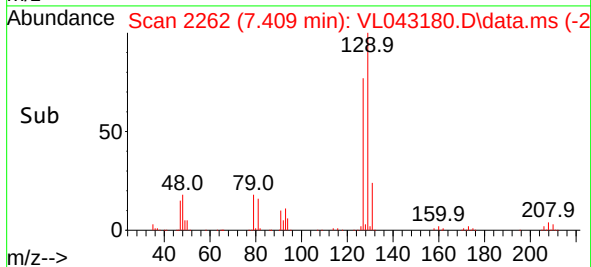
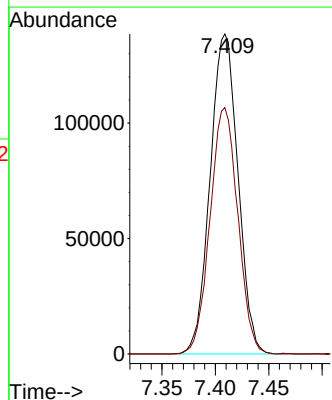
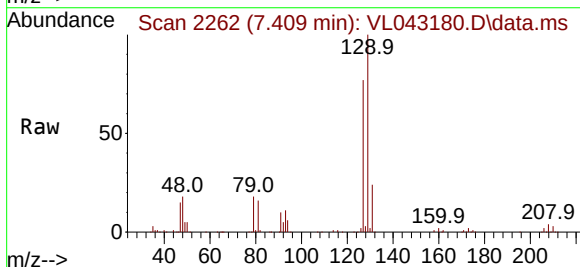
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

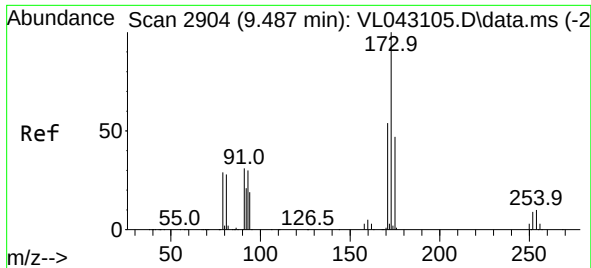
Tgt Ion: 97	Resp: 152159
Ion Ratio	Lower Upper
97 100	
83 84.5	64.6 96.8
85 52.2	40.6 60.8
99 58.1	48.4 72.6



#48
 Dibromochloromethane
 Concen: 10.913 ppbv
 RT: 7.409 min Scan# 2262
 Delta R.T. 0.019 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Tgt Ion:129	Resp: 251658
Ion Ratio	Lower Upper
129 100	
127 76.8	39.3 117.9

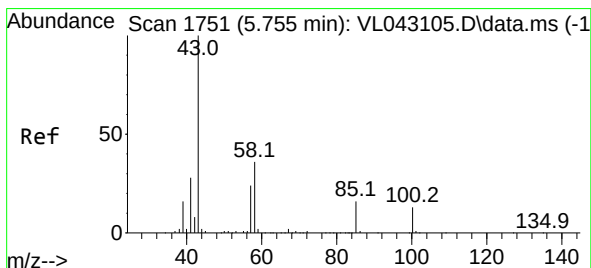
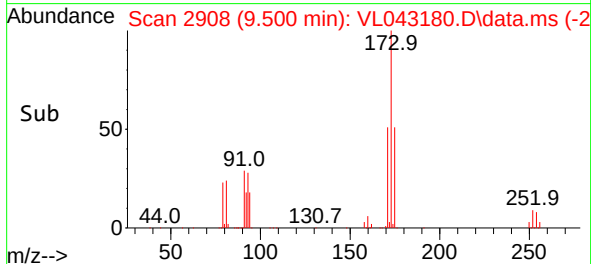
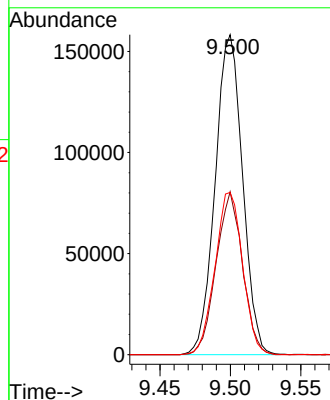
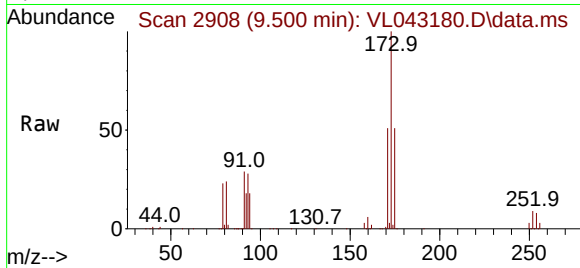




#49
Bromoform
Concen: 11.436 ppbv
RT: 9.500 min Scan# 2904
Delta R.T. 0.013 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

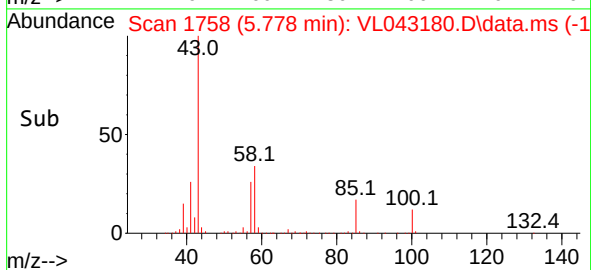
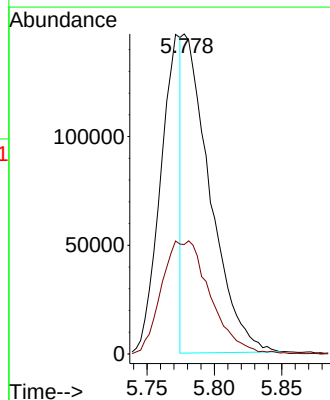
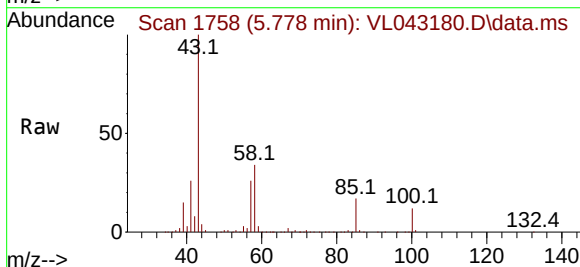
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

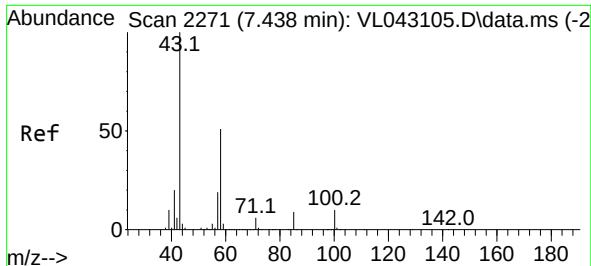
Tgt Ion:173 Resp: 214367
Ion Ratio Lower Upper
173 100
175 49.1 38.8 58.2
171 51.1 41.7 62.5



#50
4-Methyl-2-Pentanone
Concen: 6.032 ppbv
RT: 5.778 min Scan# 1758
Delta R.T. 0.022 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 43 Resp: 207546
Ion Ratio Lower Upper
43 100
58 63.1 29.1 43.7#

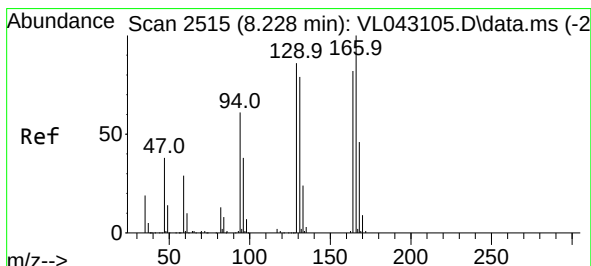
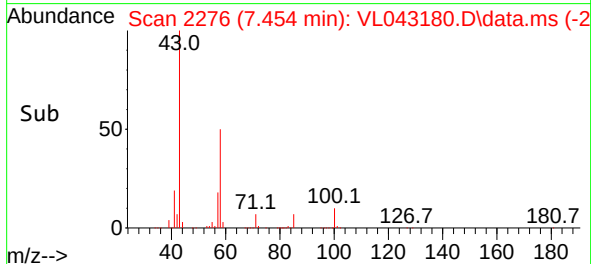
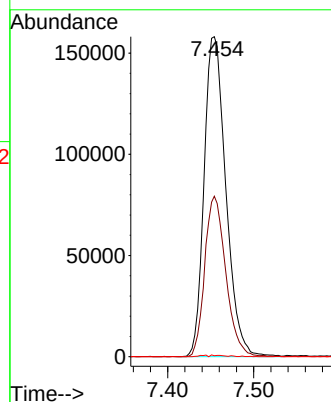
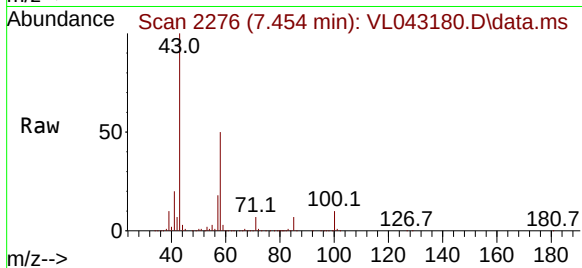




#51
2-Hexanone
Concen: 10.790 ppbv
RT: 7.454 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

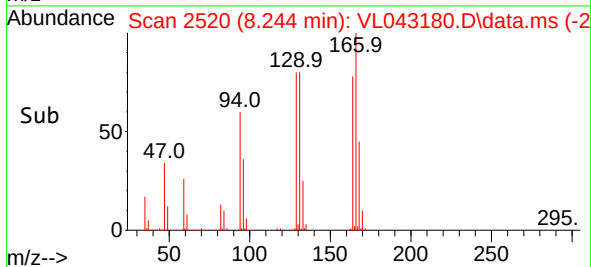
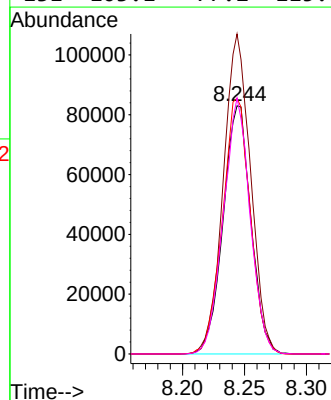
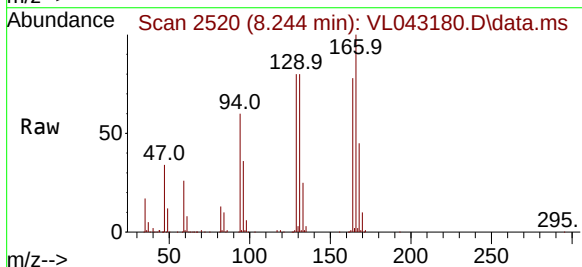
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

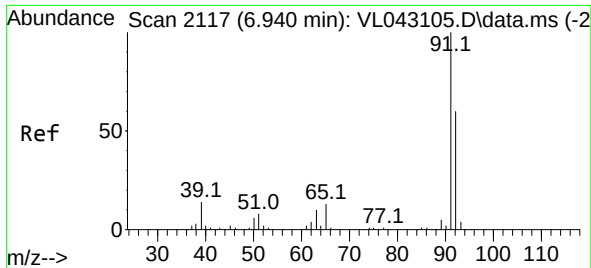
Tgt Ion: 43 Resp: 278490
Ion Ratio Lower Upper
43 100
58 48.4 40.4 60.6
98 0.5 0.1 0.1#



#52
Tetrachloroethene
Concen: 10.288 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. 0.016 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion:164 Resp: 129615
Ion Ratio Lower Upper
164 100
166 129.0 97.6 146.4
129 103.0 84.5 126.7
131 103.1 77.2 115.8

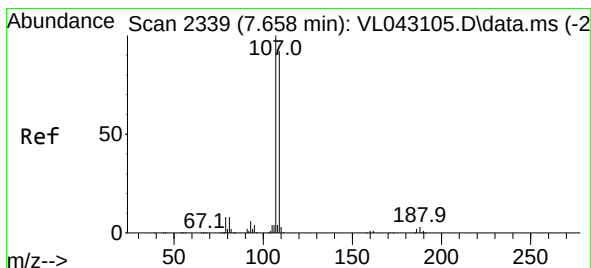
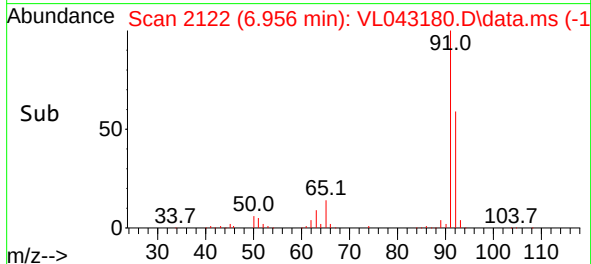
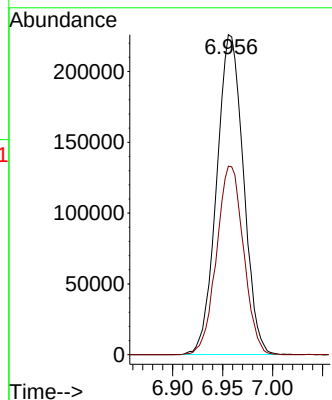
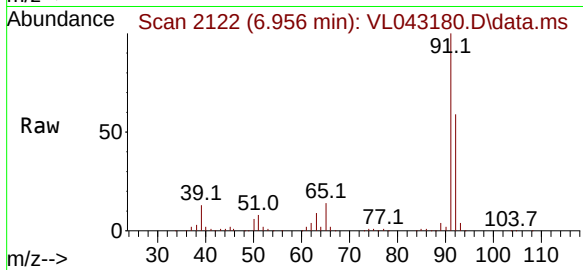




#53
Toluene
Concen: 10.163 ppbv
RT: 6.956 min Scan# 2117
Delta R.T. 0.016 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

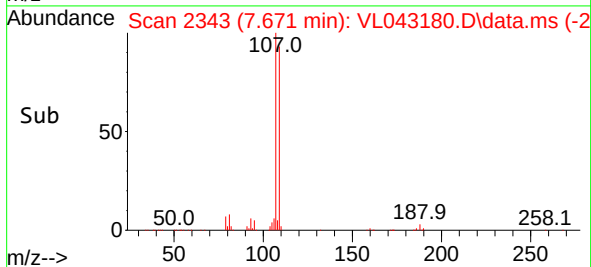
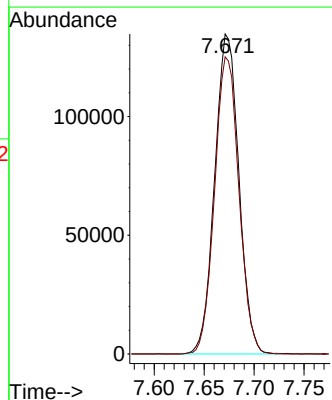
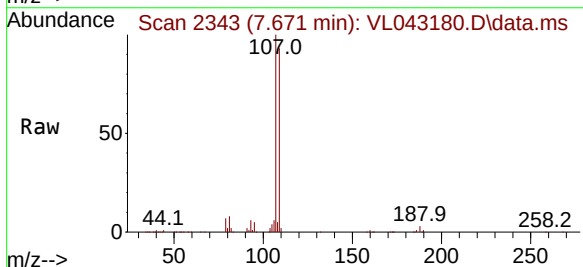
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

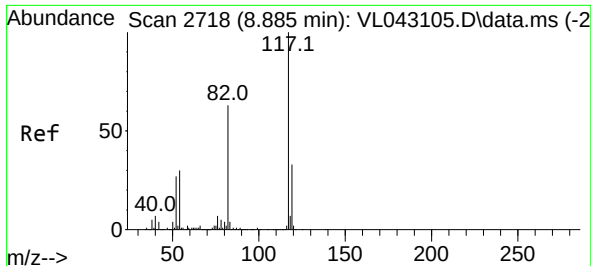
Tgt Ion: 91 Resp: 421396
Ion Ratio Lower Upper
91 100
92 59.5 48.8 73.2



#54
1,2-Dibromoethane
Concen: 10.505 ppbv
RT: 7.671 min Scan# 2343
Delta R.T. 0.013 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 107 Resp: 226943
Ion Ratio Lower Upper
107 100
109 92.9 73.4 110.2

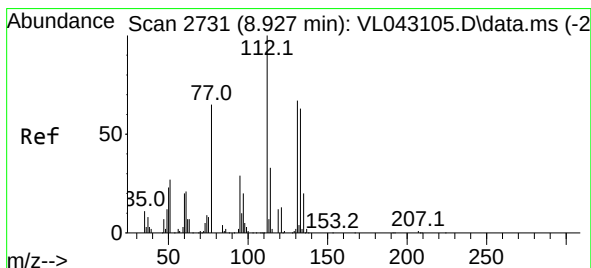
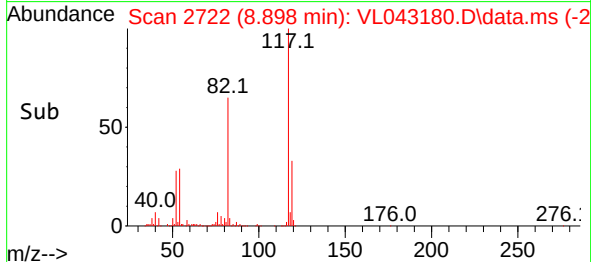
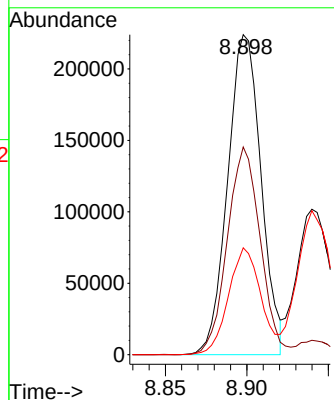
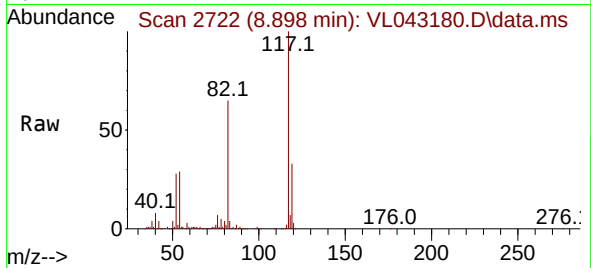




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2718
Delta R.T. 0.013 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

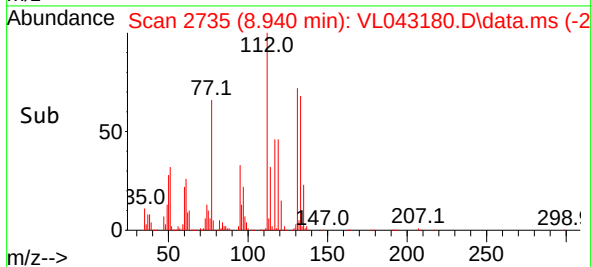
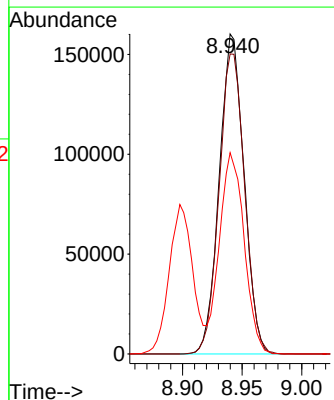
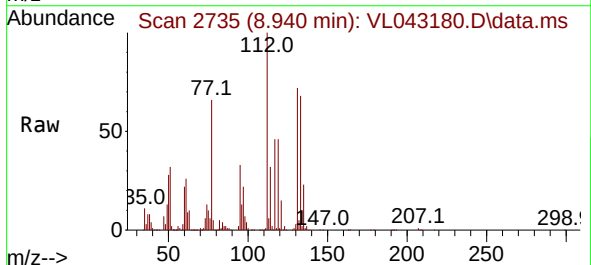
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

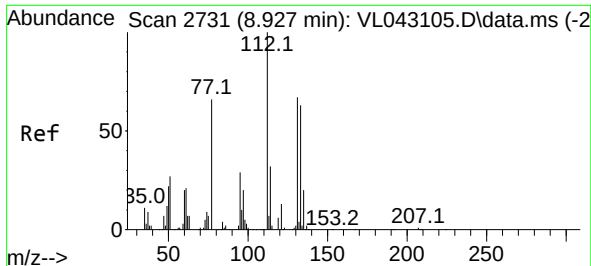
Tgt Ion:117 Resp: 319069
Ion Ratio Lower Upper
117 100
82 68.3 53.8 80.8
119 34.1 25.4 38.0



#56
1,1,1,2-Tetrachloroethane
Concen: 11.499 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. 0.013 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion:131 Resp: 231293
Ion Ratio Lower Upper
131 100
133 97.0 75.7 113.5
119 60.8 50.6 76.0





#57

Chlorobenzene

Concen: 10.944 ppbv

RT: 8.940 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

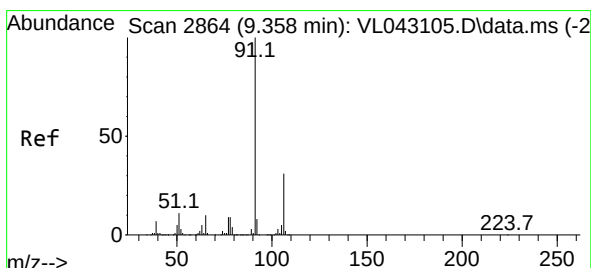
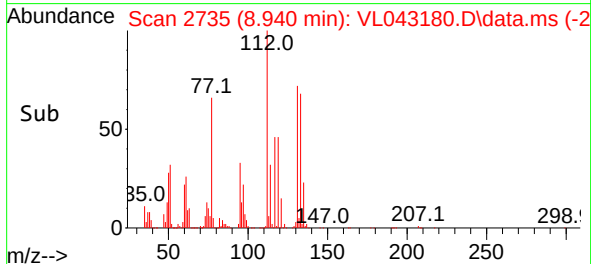
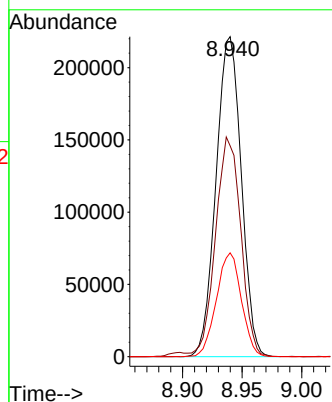
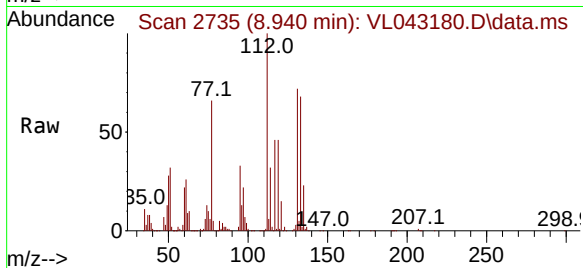
Tgt Ion:112 Resp: 326657

Ion Ratio Lower Upper

112 100

77 65.9 53.3 79.9

114 32.4 29.3 35.8



#58

Ethyl Benzene

Concen: 10.726 ppbv

RT: 9.370 min Scan# 2868

Delta R.T. 0.013 min

Lab File: VL043180.D

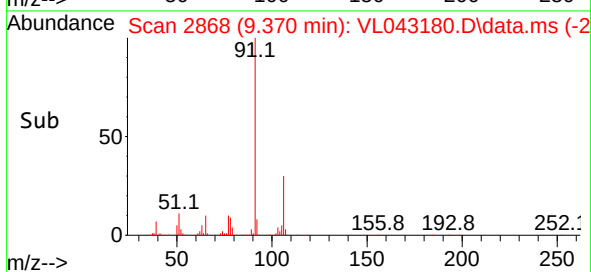
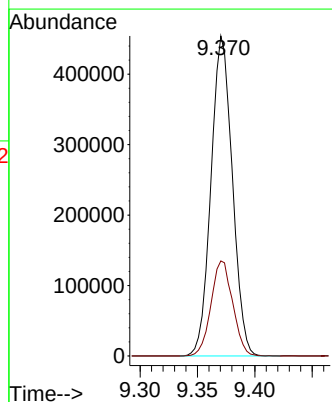
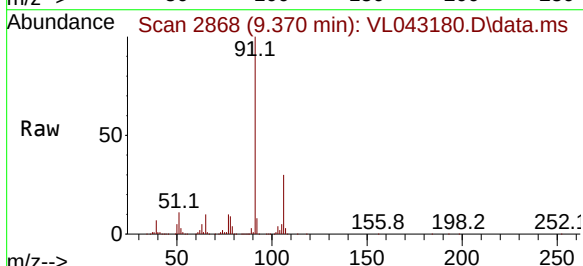
Acq: 11 Nov 2025 08:15

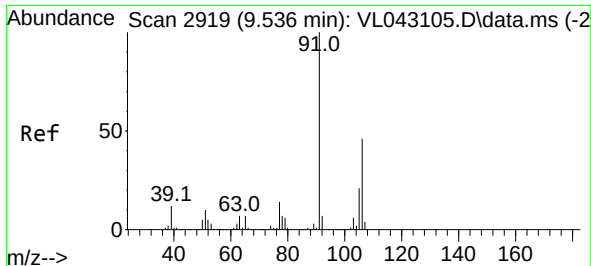
Tgt Ion: 91 Resp: 587375

Ion Ratio Lower Upper

91 100

106 29.7 24.8 37.2





#59

m/p-Xylene

Concen: 11.759 ppbv

RT: 9.548 min Scan# 2919

Delta R.T. 0.013 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

Instrument :

MSVOA_1

ClientSampleId :

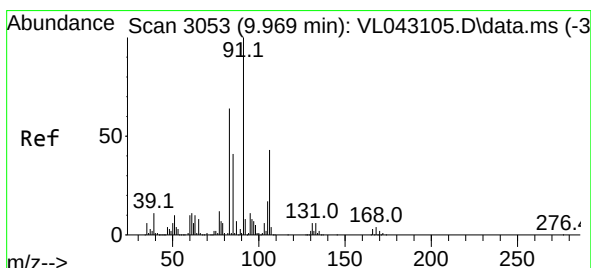
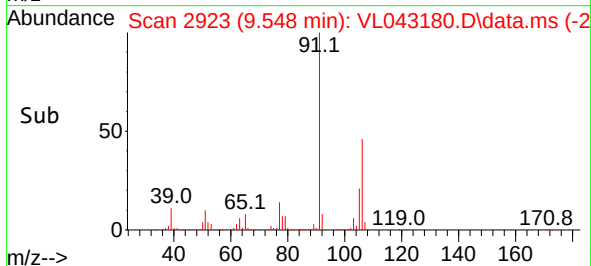
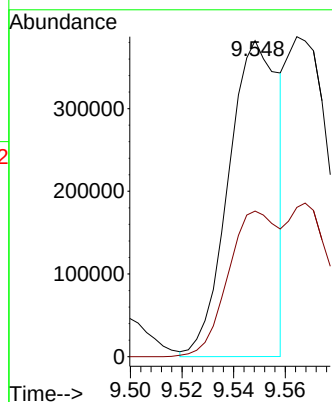
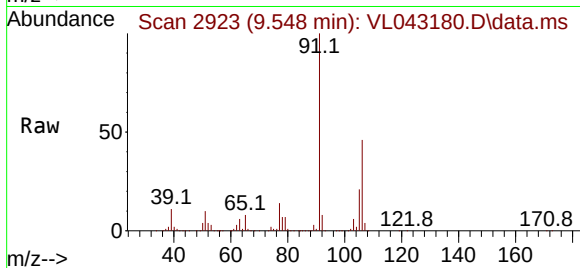
VSTDCCC010

Tgt Ion: 91 Resp: 513577

Ion Ratio Lower Upper

91 100

106 0.0 38.0 57.0#



#60

o-Xylene

Concen: 10.961 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. 0.010 min

Lab File: VL043180.D

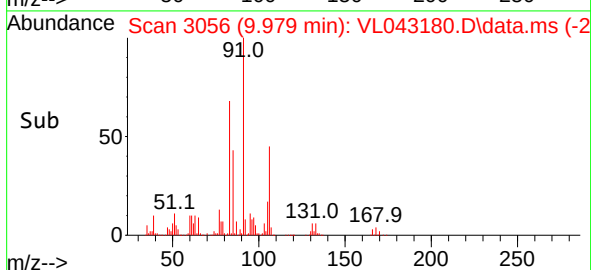
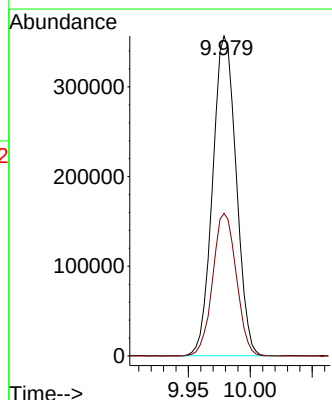
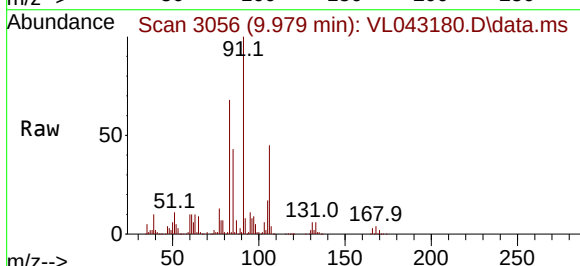
Acq: 11 Nov 2025 08:15

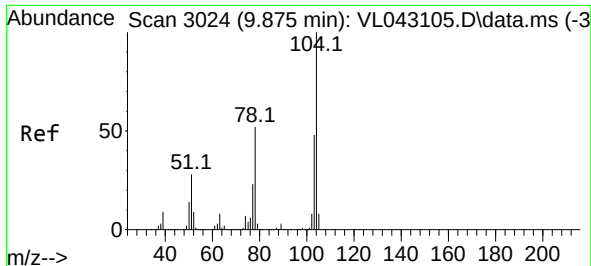
Tgt Ion: 91 Resp: 472838

Ion Ratio Lower Upper

91 100

106 44.7 21.9 65.8

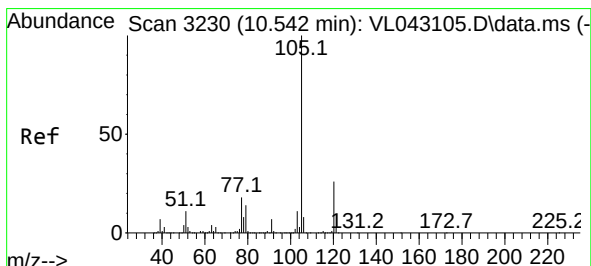
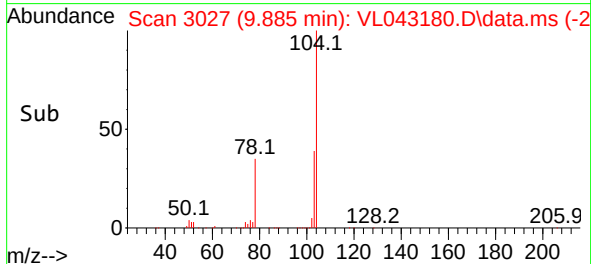
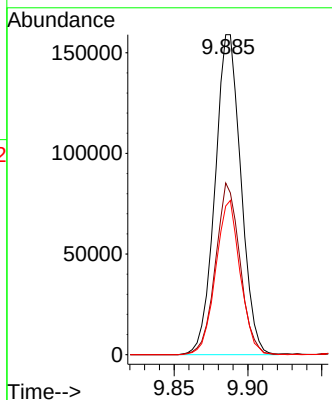
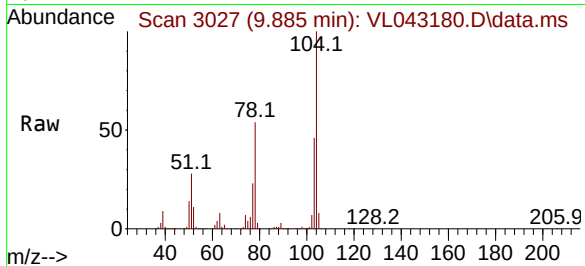




#61
Styrene
Concen: 9.979 ppbv
RT: 9.885 min Scan# 3024
Delta R.T. 0.010 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

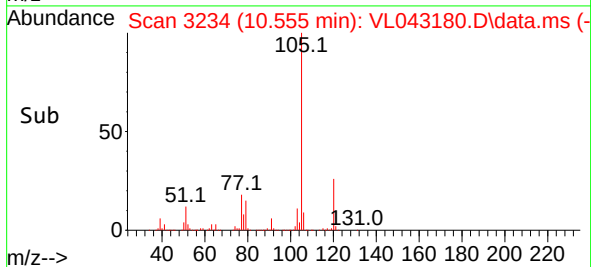
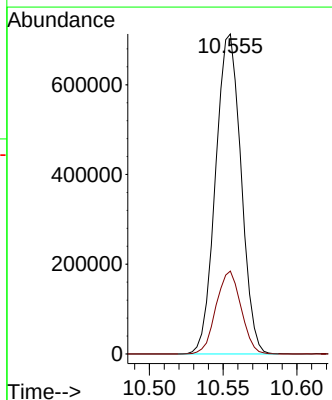
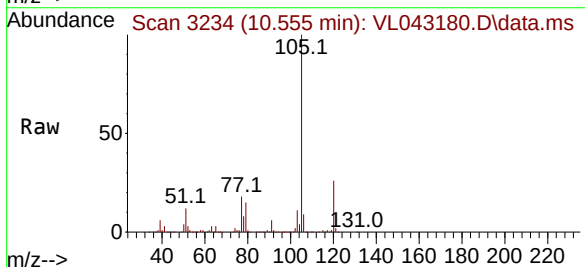
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

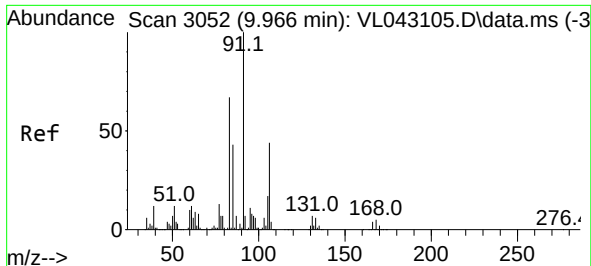
Tgt Ion:104 Resp: 194324
Ion Ratio Lower Upper
104 100
78 50.7 40.2 60.2
103 45.8 36.9 55.3



#62
Isopropylbenzene
Concen: 10.987 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. 0.013 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion:105 Resp: 856402
Ion Ratio Lower Upper
105 100
120 25.4 20.2 30.4





#63

1,1,2,2-Tetrachloroethane

Concen: 11.095 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. 0.013 min

Lab File: VL043180.D

Acq: 11 Nov 2025 08:15

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

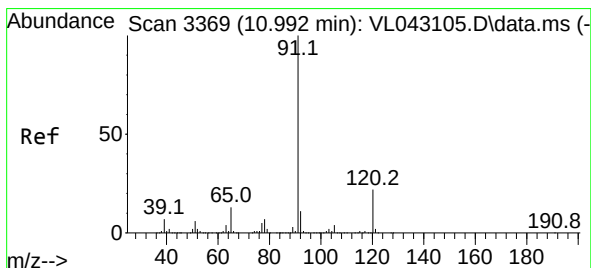
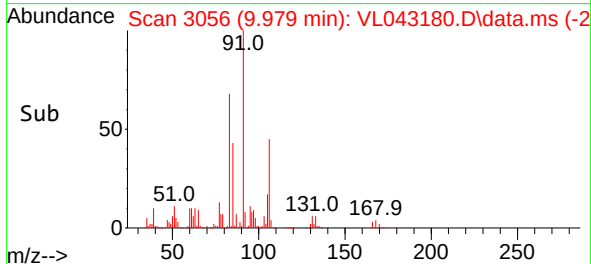
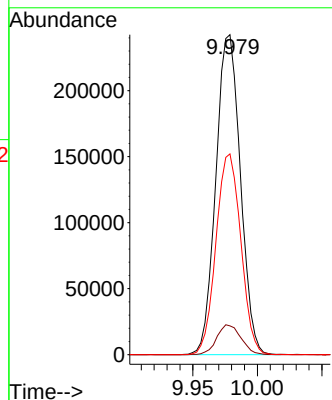
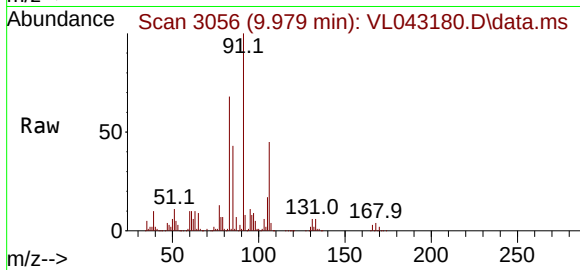
Tgt Ion: 83 Resp: 320460

Ion Ratio Lower Upper

83 100

131 9.2 4.8 14.3

85 63.5 32.0 96.0



#64

n-propylbenzene

Concen: 10.808 ppbv

RT: 11.002 min Scan# 3372

Delta R.T. 0.009 min

Lab File: VL043180.D

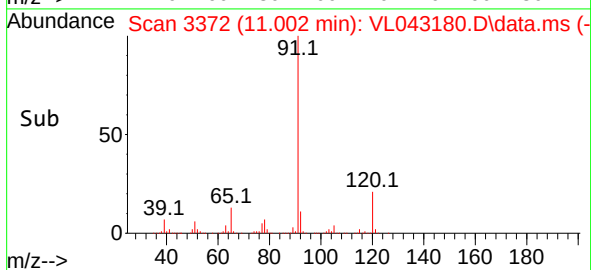
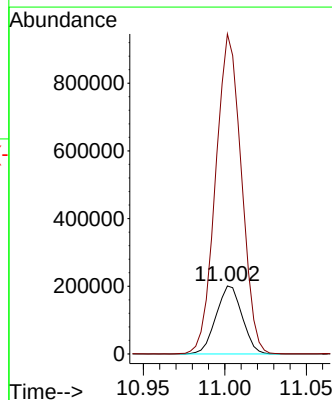
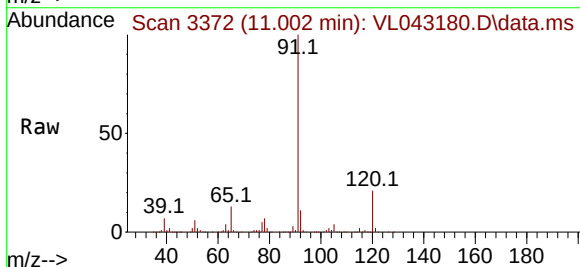
Acq: 11 Nov 2025 08:15

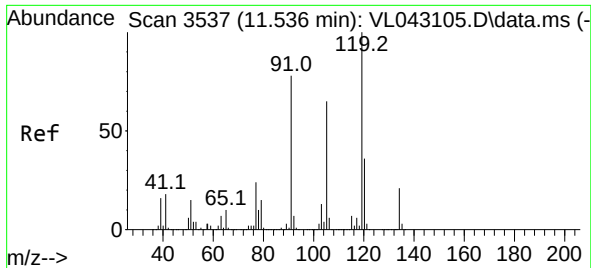
Tgt Ion: 120 Resp: 223050

Ion Ratio Lower Upper

120 100

91 466.2 361.6 542.4

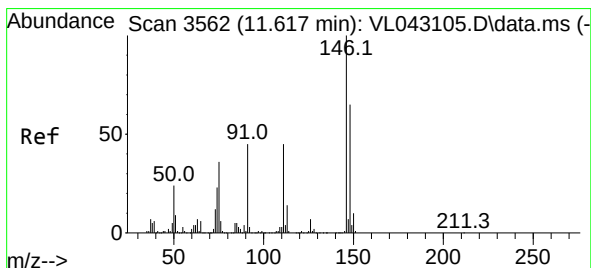
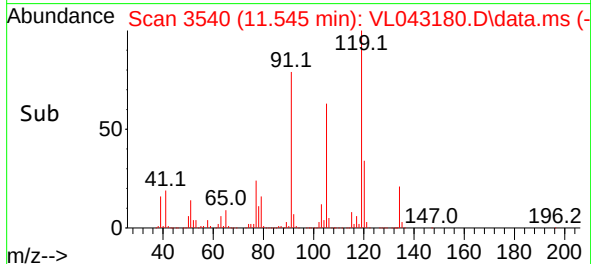
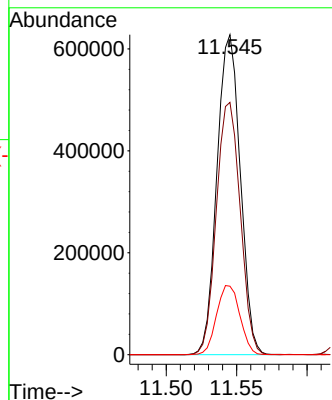
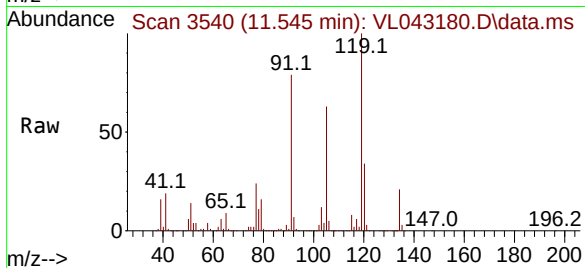




#65
tert-Butylbenzene
Concen: 10.539 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. 0.009 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

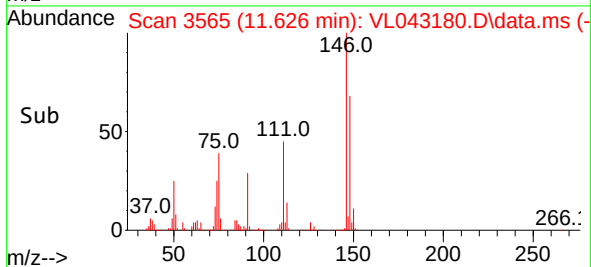
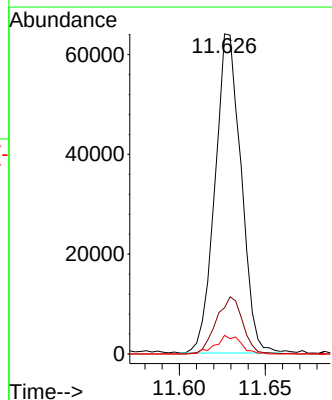
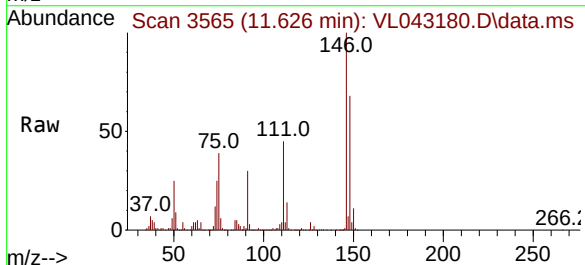
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

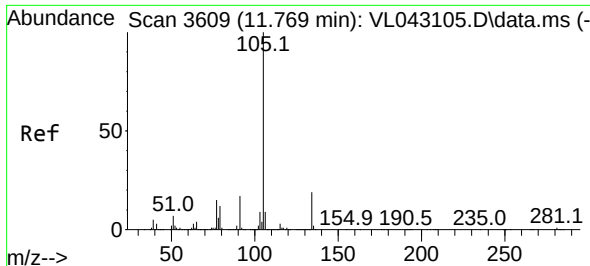
Tgt Ion:119 Resp: 725442
Ion Ratio Lower Upper
119 100
91 80.6 63.4 95.0
134 21.5 17.3 25.9



#66
Benzyl Chloride
Concen: 8.790 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.009 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 91 Resp: 67343
Ion Ratio Lower Upper
91 100
126 18.2 14.6 22.0
128 5.6 4.6 6.8

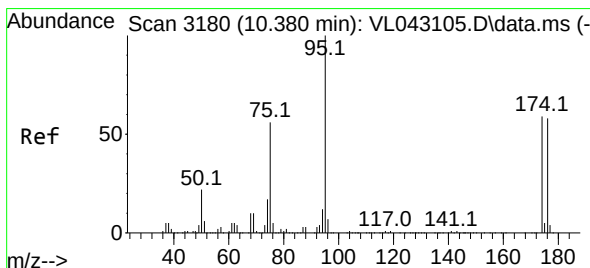
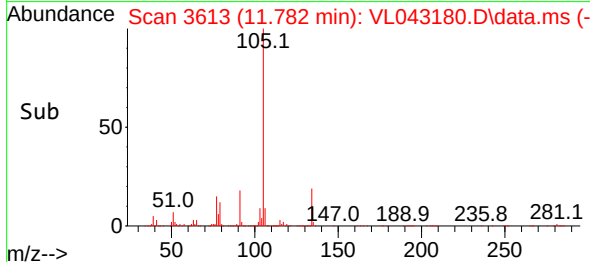
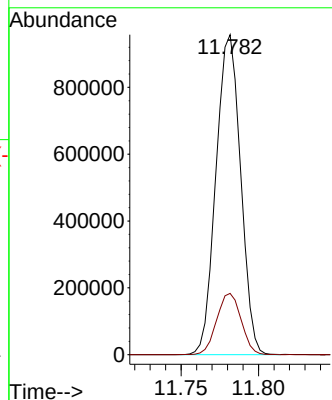
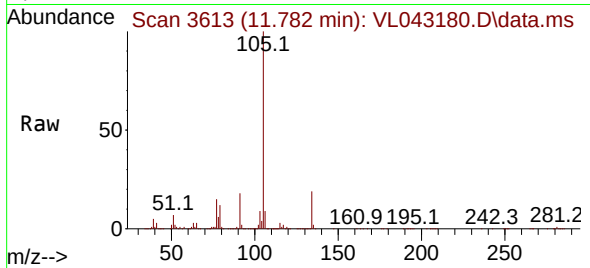




#67
 sec-Butylbenzene
 Concen: 10.832 ppbv
 RT: 11.782 min Scan# 3113
 Delta R.T. 0.013 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

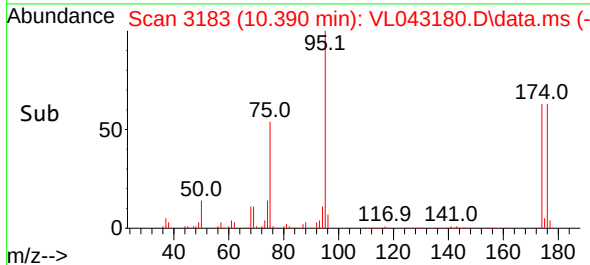
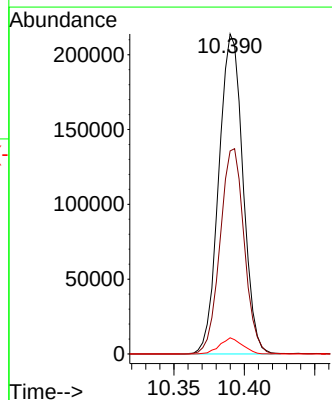
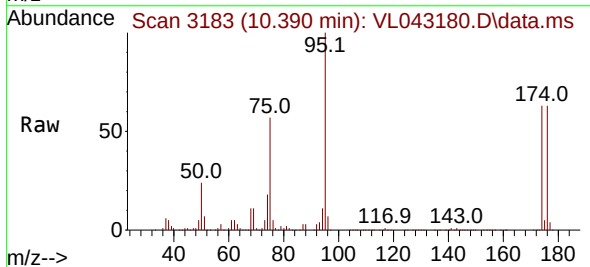
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

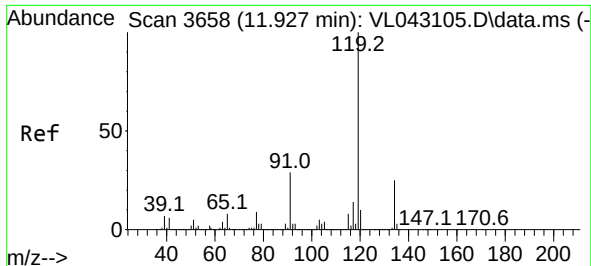
Tgt Ion:105 Resp: 1058230
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.5 23.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.275 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. 0.010 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Tgt Ion: 95 Resp: 254836
 Ion Ratio Lower Upper
 95 100
 174 64.5 48.3 72.5
 175 4.7 3.8 5.8

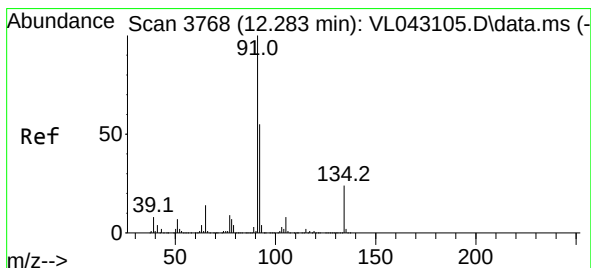
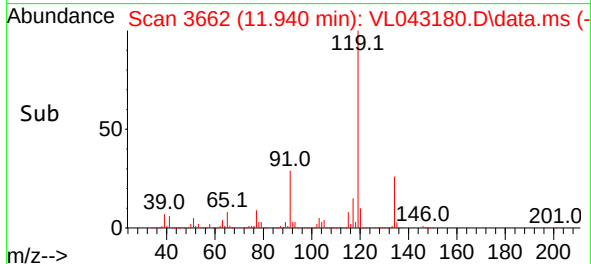
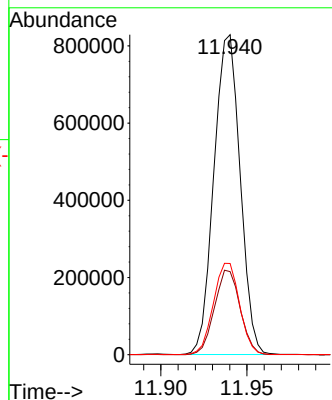
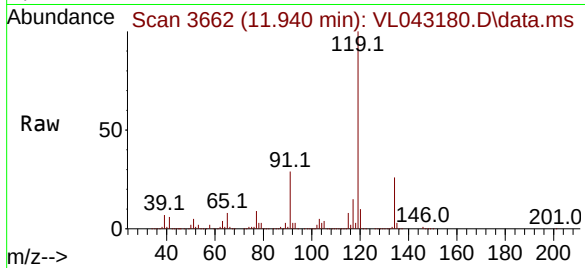




#69
 p-Isopropyltoluene
 Concen: 10.578 ppbv
 RT: 11.940 min Scan# 3662
 Delta R.T. 0.013 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

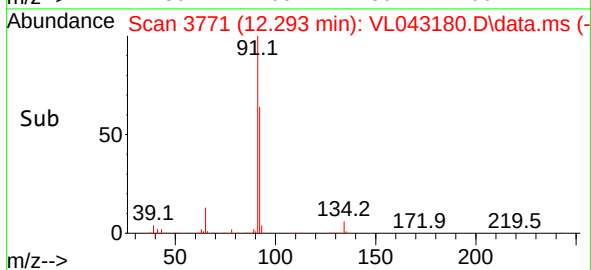
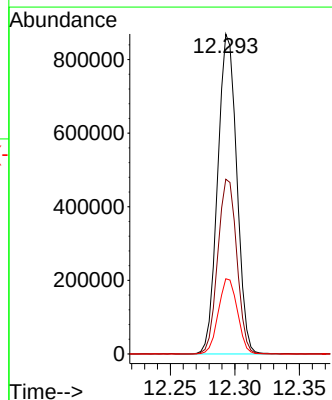
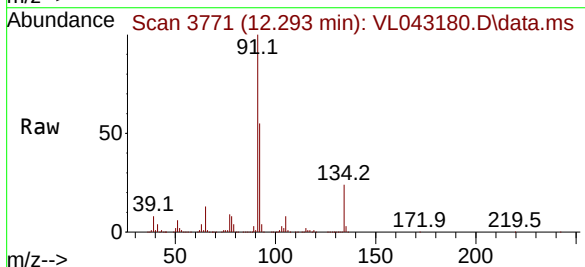
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

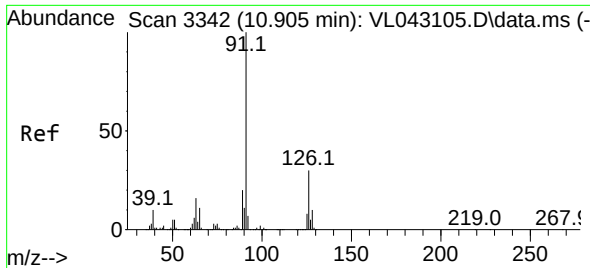
Tgt Ion:119 Resp: 878084
 Ion Ratio Lower Upper
 119 100
 134 25.9 20.3 30.5
 91 28.8 22.6 33.8



#70
 n-Butylbenzene
 Concen: 10.907 ppbv
 RT: 12.293 min Scan# 3771
 Delta R.T. 0.009 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Tgt Ion: 91 Resp: 892212
 Ion Ratio Lower Upper
 91 100
 92 54.6 44.5 66.7
 134 23.4 19.3 28.9

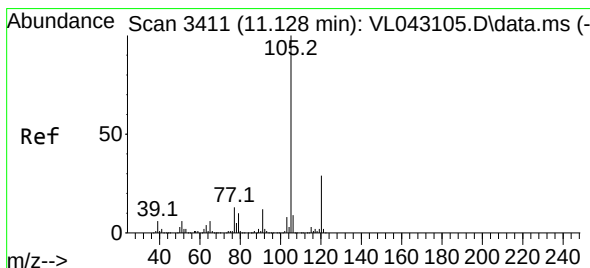
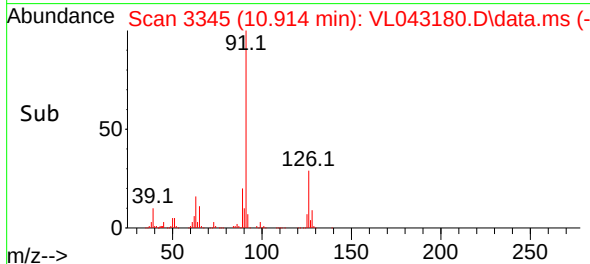
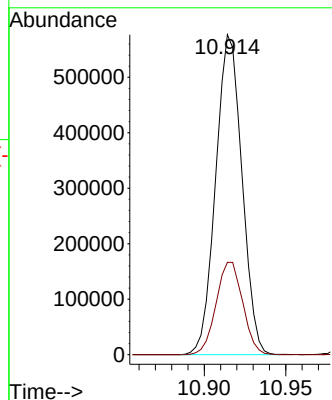
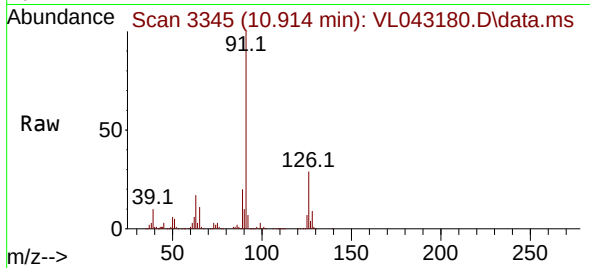




#71
2-Chlorotoluene
Concen: 10.859 ppbv
RT: 10.914 min Scan# 31
Delta R.T. 0.009 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

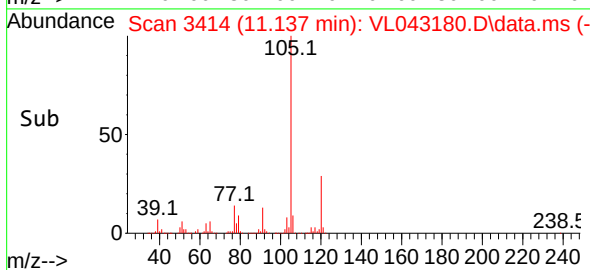
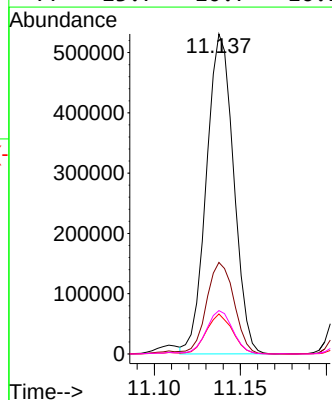
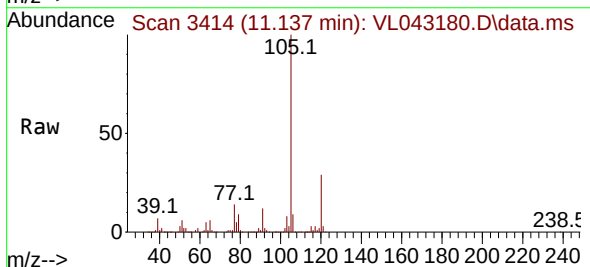
Instrument :
MSVOA_L
ClientSampleId :
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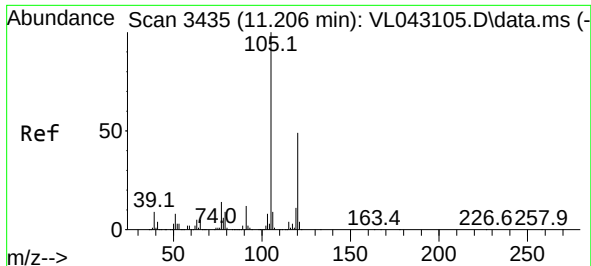
Tgt Ion: 91 Resp: 645588
Ion Ratio Lower Upper
91 100
126 29.3 12.0 48.0



#72
4-Ethyltoluene
Concen: 10.994 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. 0.010 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion: 105 Resp: 583156
Ion Ratio Lower Upper
105 100
120 29.8 24.2 36.4
91 12.4 10.0 15.0
77 13.7 10.7 16.1

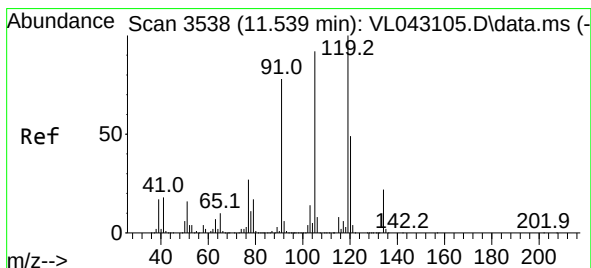
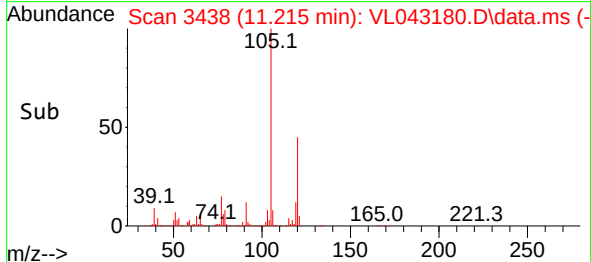
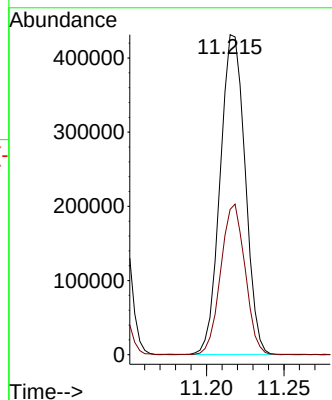
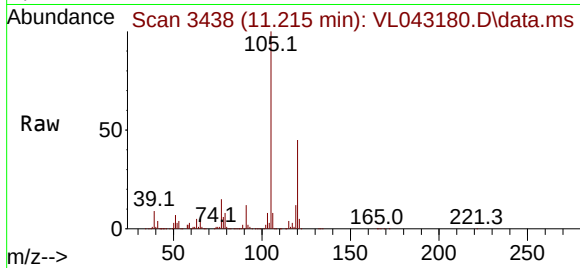




#73
 1,3,5-Trimethylbenzene
 Concen: 11.042 ppbv
 RT: 11.215 min Scan# 3438
 Delta R.T. 0.009 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

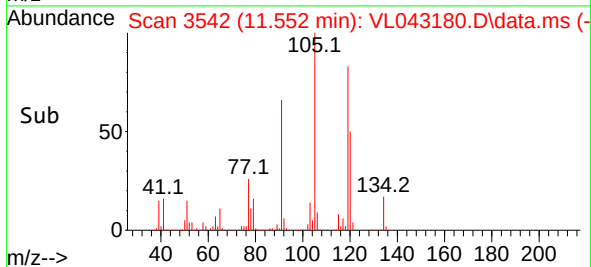
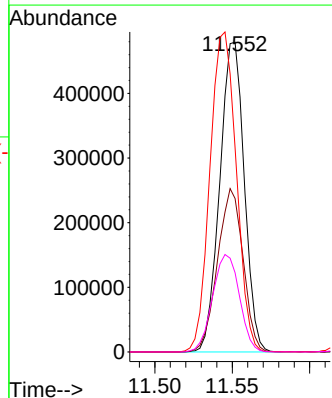
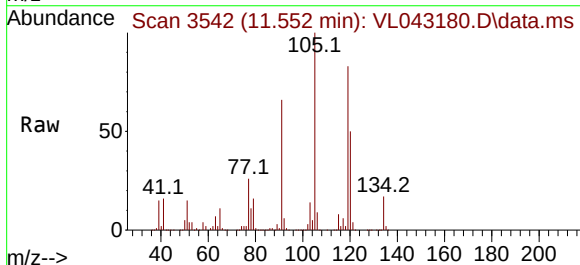
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

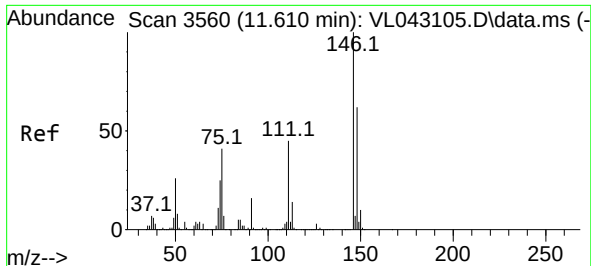
Tgt Ion:105 Resp: 483034
 Ion Ratio Lower Upper
 105 100
 120 45.4 39.0 58.6



#74
 1,2,4-Trimethylbenzene
 Concen: 10.773 ppbv
 RT: 11.552 min Scan# 3542
 Delta R.T. 0.013 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Tgt Ion:105 Resp: 527359
 Ion Ratio Lower Upper
 105 100
 120 49.5 42.8 64.2
 91 65.8 68.3 102.5#
 77 25.5 23.4 35.0

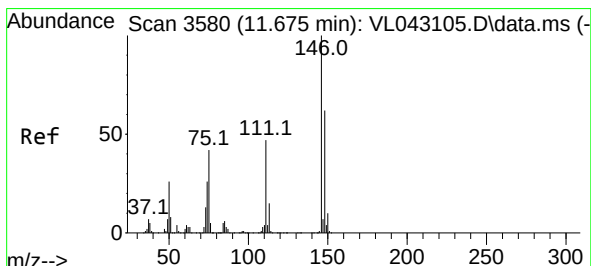
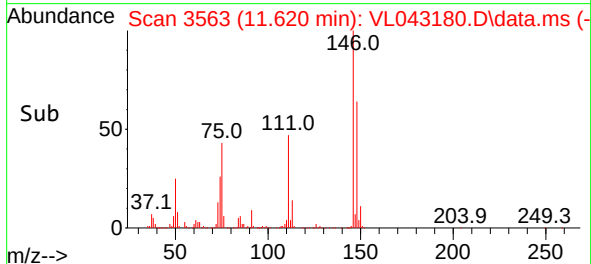
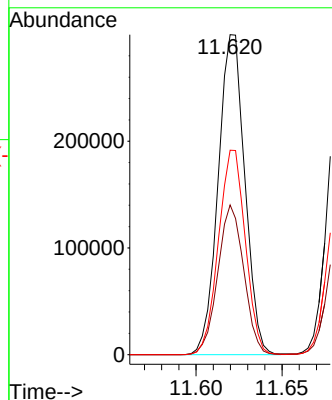
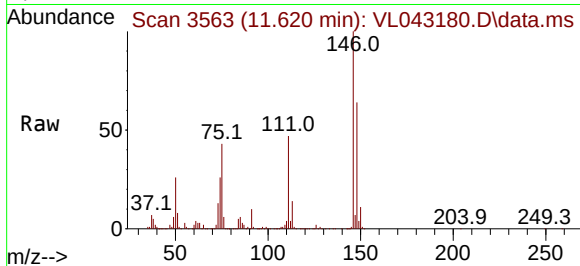




#75
1,3-Dichlorobenzene
Concen: 11.390 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.009 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

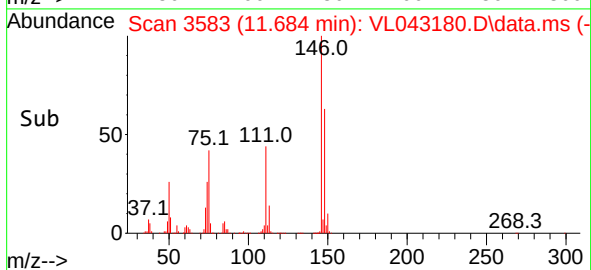
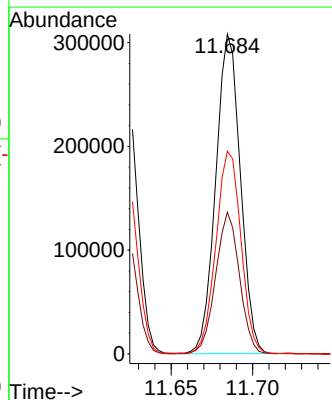
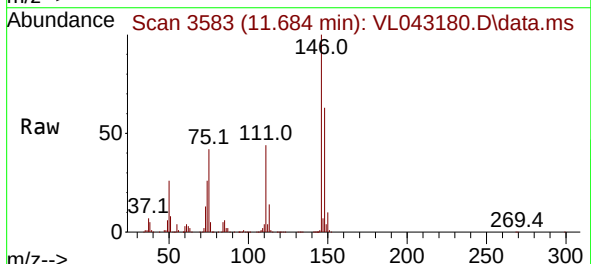
Instrument :
MSVOA_1
ClientSampleId :
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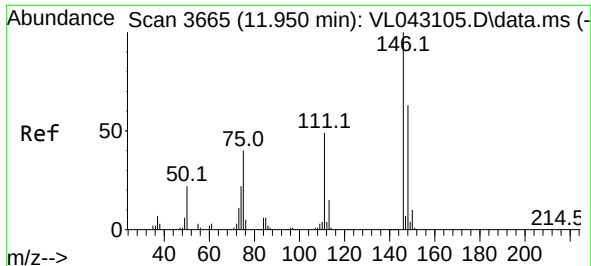
Tgt Ion:146 Resp: 323378
Ion Ratio Lower Upper
146 100
111 45.5 23.3 69.9
148 64.3 31.6 95.0



#76
1,4-Dichlorobenzene
Concen: 11.304 ppbv
RT: 11.684 min Scan# 3583
Delta R.T. 0.009 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion:146 Resp: 323615
Ion Ratio Lower Upper
146 100
111 43.1 22.4 67.0
148 64.9 31.6 94.7

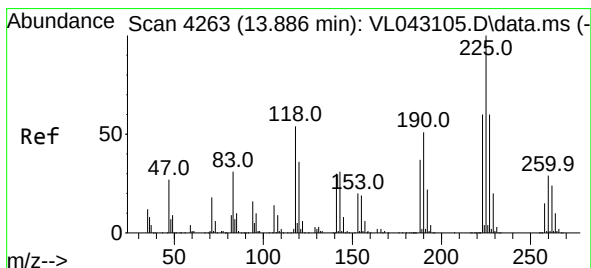
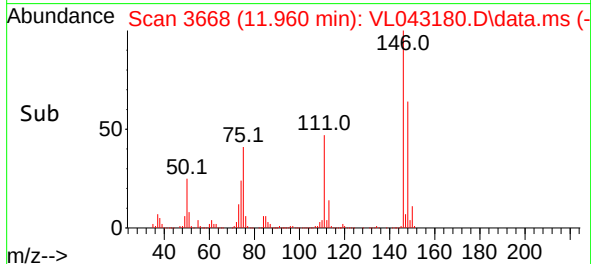
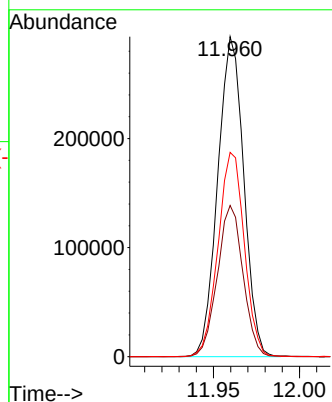
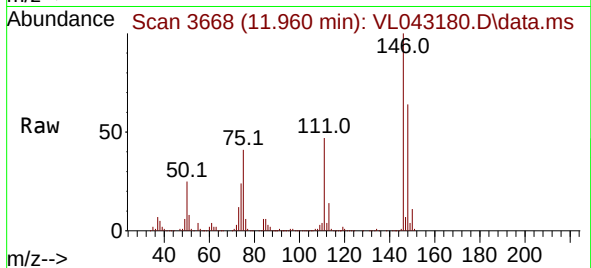




#77
1,2-Dichlorobenzene
Concen: 11.227 ppbv
RT: 11.960 min Scan# 3668
Delta R.T. 0.009 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

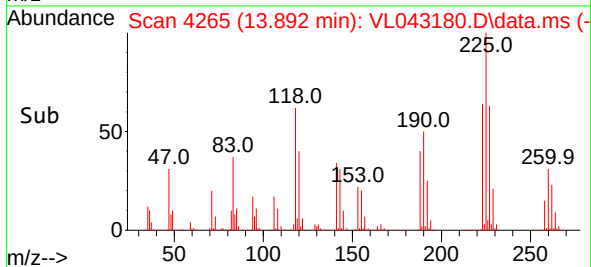
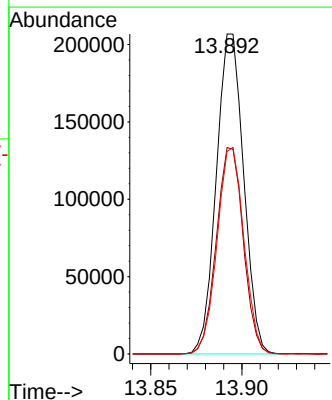
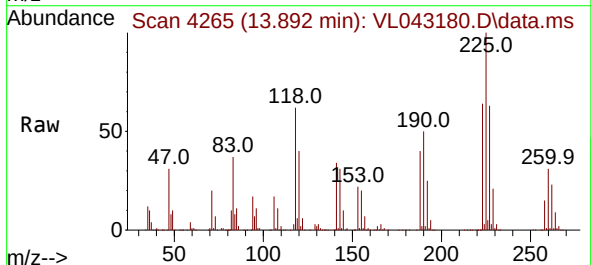
Instrument :
MSVOA_L
ClientSampleId :
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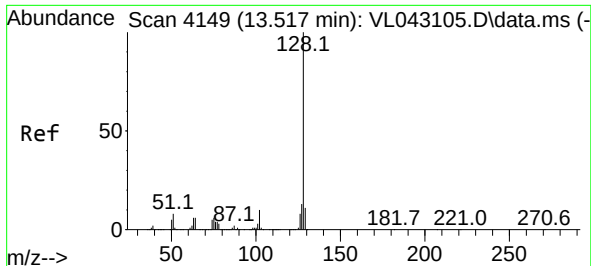
Tgt Ion:146 Resp: 308369
Ion Ratio Lower Upper
146 100
111 46.7 24.0 72.0
148 64.7 31.1 93.3



#78
Hexachloro-1,3-Butadiene
Concen: 10.134 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. 0.006 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion:225 Resp: 215523
Ion Ratio Lower Upper
225 100
223 63.5 50.2 75.4
227 63.3 49.6 74.4

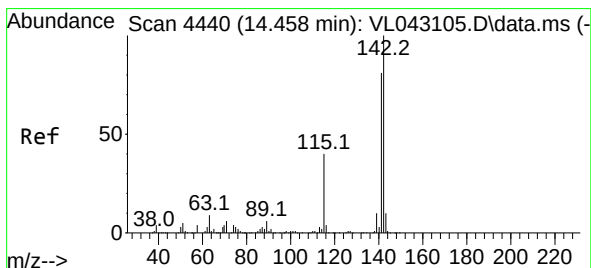
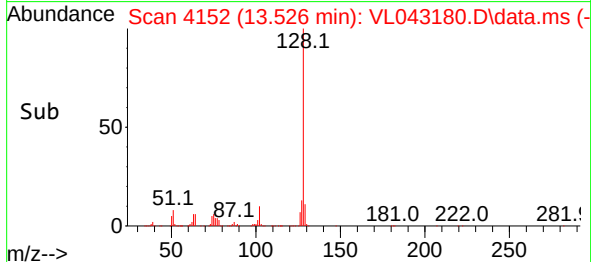
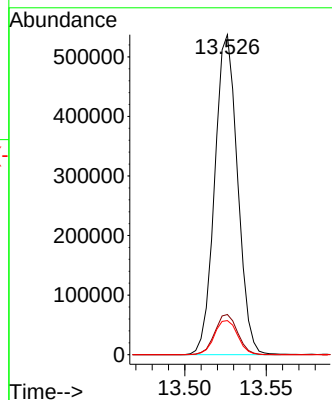
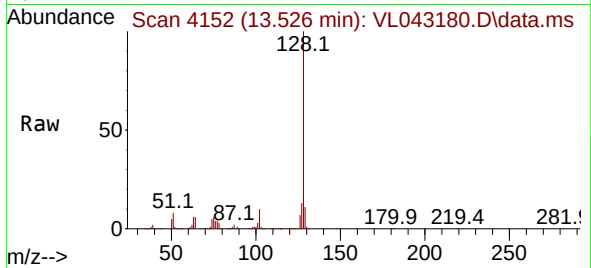




#79
Naphthalene
Concen: 10.223 ppbv
RT: 13.526 min Scan# 4149
Delta R.T. 0.010 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

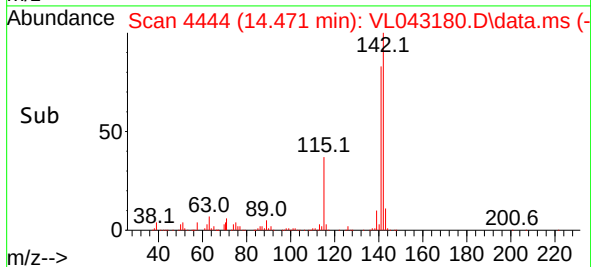
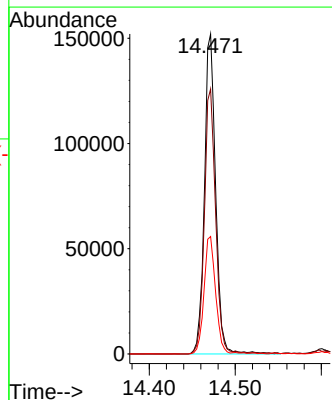
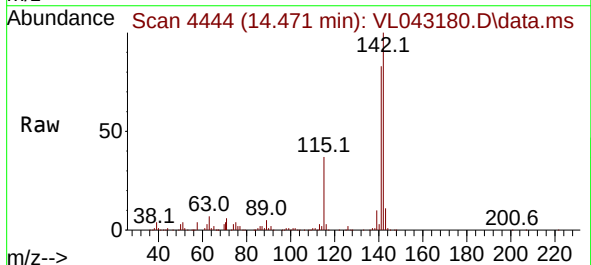
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

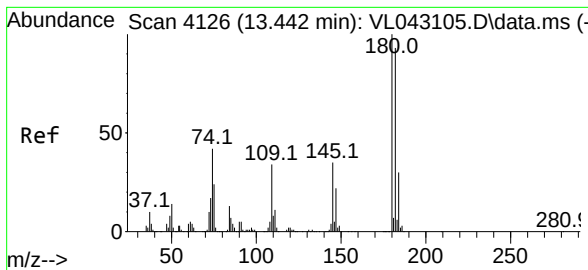
Tgt Ion:128 Resp: 523078
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.7 9.1 13.7



#80
Naphthalene,2-methyl-
Concen: 10.328 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. 0.013 min
Lab File: VL043180.D
Acq: 11 Nov 2025 08:15

Tgt Ion:142 Resp: 137671
Ion Ratio Lower Upper
142 100
141 83.7 64.6 97.0
115 38.8 30.2 45.4





#81
 1,2,4-Trichlorobenzene
 Concen: 10.822 ppbv
 RT: 13.452 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL043180.D
 Acq: 11 Nov 2025 08:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180	Resp:	229828
Ion	Ratio	Lower Upper
180	100	
182	94.6	75.5 113.3
184	29.8	23.9 35.9

