

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022525\
 Data File : VL042041.D
 Acq On : 25 Feb 2025 08:56
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Feb 25 10:10:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 18 00:13:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	161135	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	422655	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	374249	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	285943	9.263	ppbv	0.00
Spiked Amount	10.000	Range 65 - 135	Recovery	=	92.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.502	85	152005	5.480	ppbv	99
3) Chlorodifluoromethane	1.479	51	211185	6.887	ppbv	96
4) Chloromethane	1.538	50	55364	5.136	ppbv	98
5) Vinyl Chloride	1.586	62	54228	4.207	ppbv	98
6) Bromomethane	1.674	94	25846	5.173	ppbv	90
7) Chloroethane	1.709	64	21717	5.169	ppbv	96
8) Dichlorotetrafluoroethane	1.560	85	125595	5.147	ppbv	94
9) Propene	1.489	41	84038	6.357	ppbv	97
10) Heptane	5.007	43	267860	7.296	ppbv	97
11) Trichlorofluoromethane	1.884	101	152112	5.449	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.146	101	112374	5.162	ppbv	93
13) Ethanol	1.729	45	3178	2.131	ppbv	85
14) Bromoethene	1.787	108	42461	5.223	ppbv	99
15) Acetone	1.842	43	115085	4.327	ppbv	95
16) 1,3-Butadiene	1.615	39	57707	4.574	ppbv	100
17) tert-Butyl alcohol	2.049	59	153073	4.651	ppbv	100
18) 1,1-Dichloroethene	2.043	96	51534	4.954	ppbv	95
19) Isopropyl Alcohol	1.894	45	67445	4.522	ppbv	98
20) Methylene Chloride	2.069	84	41998	4.195	ppbv	94
21) Allyl Chloride	2.104	41	86723	4.504	ppbv	99
22) trans-1,2-Dichloroethene	2.350	96	57617	5.104	ppbv	96
23) Vinyl Acetate	2.473	43	83866	5.823	ppbv	98
24) 1,1-Dichloroethane	2.418	63	107817	4.704	ppbv	100
25) Ethyl Acetate	2.852	43	511505	7.007	ppbv	99
26) Hexane	2.839	57	206577	7.052	ppbv	98
27) Carbon Disulfide	2.159	76	137978	5.008	ppbv	97
28) Methyl tert-Butyl Ether	2.450	73	84091	4.696	ppbv	98
29) Chloroform	2.862	83	277411	6.538	ppbv	96
30) Cyclohexane	3.875	84	173351	7.295	ppbv	98
31) cis-1,2-Dichloroethene	2.732	61	199354	6.886	ppbv	98
32) 1,1,1-Trichloroethane	3.383	97	285335	6.064	ppbv	98
34) 2-Butanone	2.570	43	292449	8.043	ppbv	100
35) Carbon Tetrachloride	3.781	117	276677	6.741	ppbv	97
36) Benzene	3.674	78	409501	7.999	ppbv	98
37) 1,2-Dichloroethane	3.234	62	219829	7.543	ppbv	100
38) Trichloroethene	4.570	130	159933	7.689	ppbv	93
39) 1,2-Dichloropropane	4.337	63	151036	8.047	ppbv	99
40) 1,4-Dioxane	4.609	88	69399	7.105	ppbv #	76
41) Tetrahydrofuran	3.072	42	176830	8.509	ppbv	95
42) Bromodichloromethane	4.512	83	312250	7.908	ppbv	97

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Instrument :
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 ClientSampleId :
 VSTDICCC010

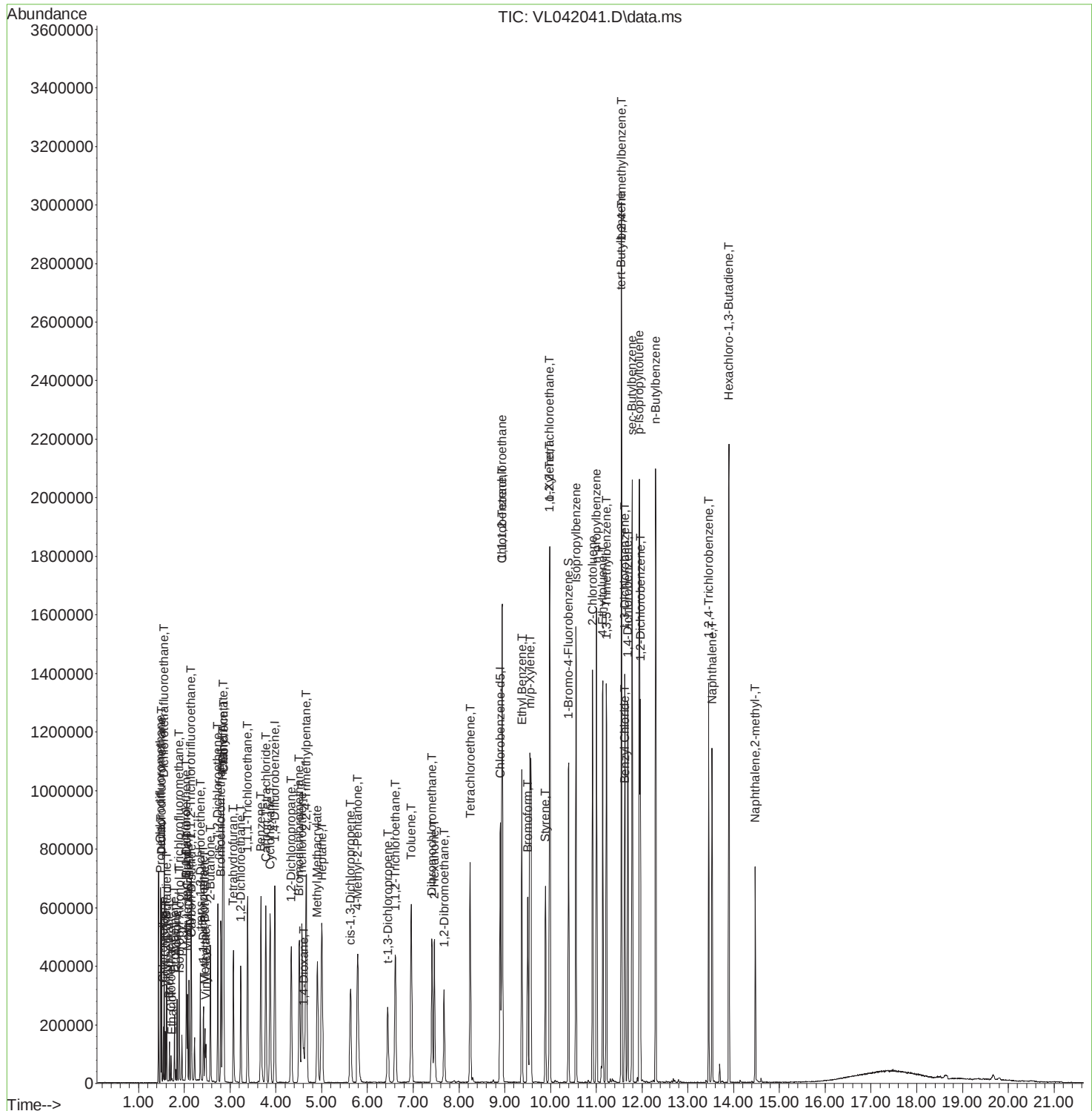
Quant Time: Feb 25 10:10:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 18 00:13:37 2025
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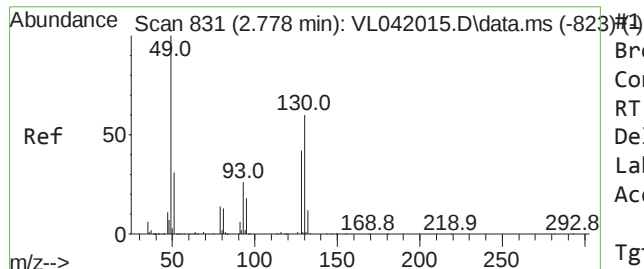
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Methyl Methacrylate	4.907	69	165494	7.091	ppbv	97
44) 2,2,4-Trimethylpentane	4.661	57	705920	8.122	ppbv	97
45) t-1,3-Dichloropropene	6.444	75	166207	7.544	ppbv	91
46) cis-1,3-Dichloropropene	5.629	75	218294	7.809	ppbv	99
47) 1,1,2-Trichloroethane	6.610	97	152556	7.723	ppbv	97
48) Dibromochloromethane	7.412	129	251213	7.593	ppbv	99
49) Bromoform	9.503	173	222057	8.183	ppbv	98
50) 4-Methyl-2-Pentanone	5.787	43	428434	7.666	ppbv	100
51) 2-Hexanone	7.464	43	352331	7.709	ppbv #	96
52) Tetrachloroethene	8.244	164	138263	7.743	ppbv	94
53) Toluene	6.959	91	460041	7.541	ppbv	97
54) 1,2-Dibromoethane	7.678	107	211395	7.772	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.943	131	188811	7.049	ppbv	97
57) Chlorobenzene	8.940	112	340525	7.735	ppbv	97
58) Ethyl Benzene	9.374	91	633939	7.739	ppbv	98
59) m/p-Xylene	9.552	91	504964	7.827	ppbv #	31
60) o-Xylene	9.982	91	493069	7.557	ppbv	97
61) Styrene	9.888	104	246161	7.912	ppbv	98
62) Isopropylbenzene	10.555	105	736884	7.522	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.979	83	317313	7.538	ppbv	100
64) n-propylbenzene	11.005	120	196044	8.145	ppbv	90
65) tert-Butylbenzene	11.545	119	648698	7.596	ppbv	97
66) Benzyl Chloride	11.630	91	57345	6.699	ppbv #	97
67) sec-Butylbenzene	11.782	105	928863	7.744	ppbv	99
69) p-Isopropyltoluene	11.940	119	756264	7.702	ppbv	98
70) n-Butylbenzene	12.296	91	774646	8.009	ppbv	99
71) 2-Chlorotoluene	10.918	91	566619	7.681	ppbv	97
72) 4-Ethyltoluene	11.141	105	606538	7.934	ppbv	98
73) 1,3,5-Trimethylbenzene	11.219	105	516875	7.838	ppbv	100
74) 1,2,4-Trimethylbenzene	11.552	105	550412	7.777	ppbv	98
75) 1,3-Dichlorobenzene	11.623	146	325160	8.535	ppbv	97
76) 1,4-Dichlorobenzene	11.685	146	322404	8.678	ppbv	97
77) 1,2-Dichlorobenzene	11.963	146	312942	8.593	ppbv	96
78) Hexachloro-1,3-Butadiene	13.895	225	238217	7.907	ppbv	100
79) Naphthalene	13.526	128	513192	7.372	ppbv	99
80) Naphthalene,2-methyl-	14.471	142	210405	6.676	ppbv	95
81) 1,2,4-Trichlorobenzene	13.455	180	241031	8.517	ppbv	99

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

Instrument :
MSVOA_L
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VSTDICCC010

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Bromochloromethane

Concen: 10.000 ppbv

RT: 2.800 min Scan#

Delta R.T. 0.000 min

Lab File: VL042041.D

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Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

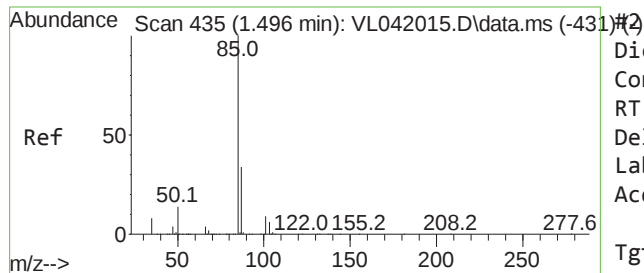
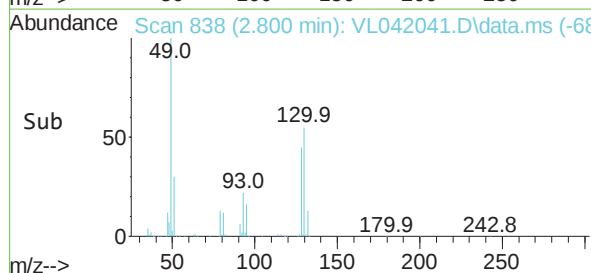
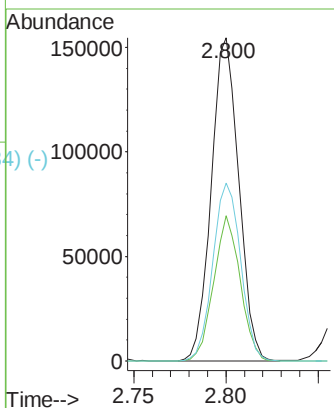
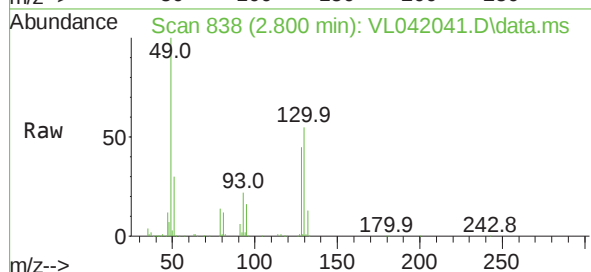
Tgt Ion: 49 Resp: 161135

Ion Ratio Lower Upper

49 100

128 43.2 22.7 68.0

130 55.6 29.9 89.8



Dichlorodifluoromethane

Concen: 5.480 ppbv

RT: 1.502 min Scan# 437

Delta R.T. 0.000 min

Lab File: VL042041.D

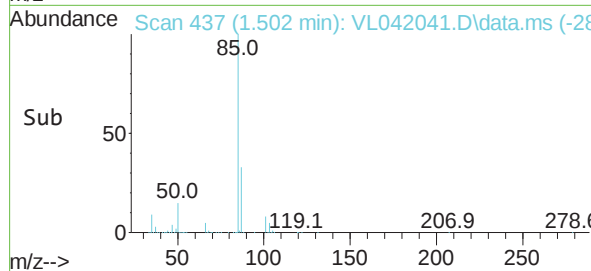
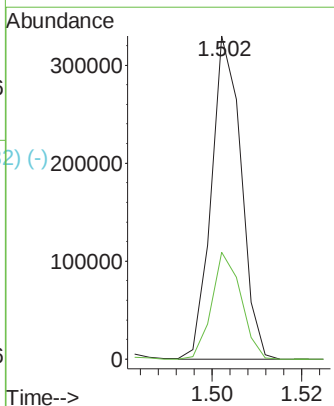
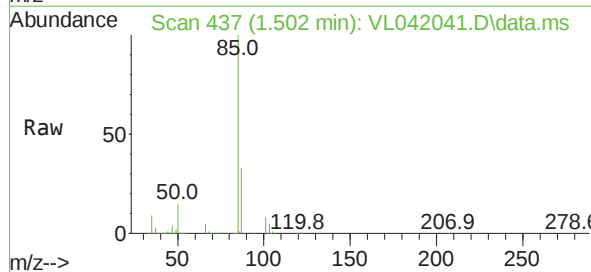
Acq: 25 Feb 2025 08:56

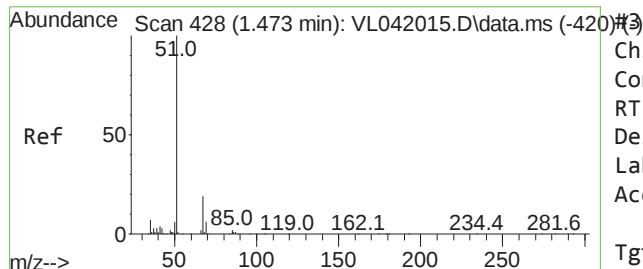
Tgt Ion: 85 Resp: 152005

Ion Ratio Lower Upper

85 100

87 33.0 26.9 40.3





Chlorodifluoromethane

Concen: 6.887 ppbv

RT: 1.479 min Scan#

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_L

ClientSampleId :

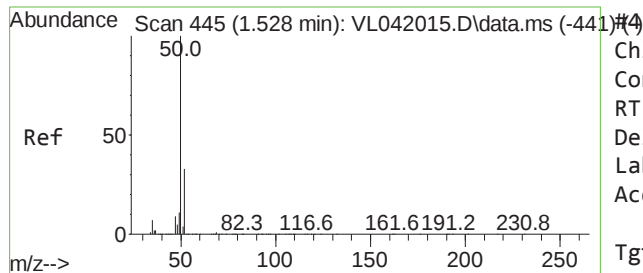
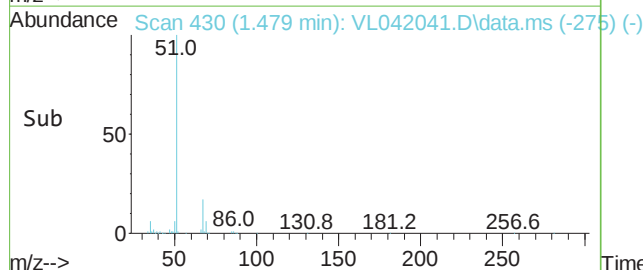
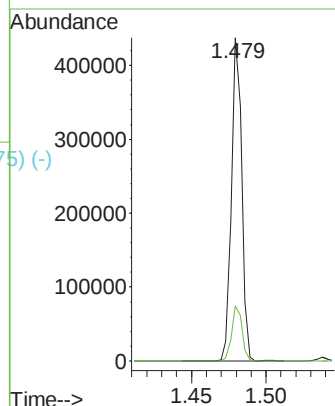
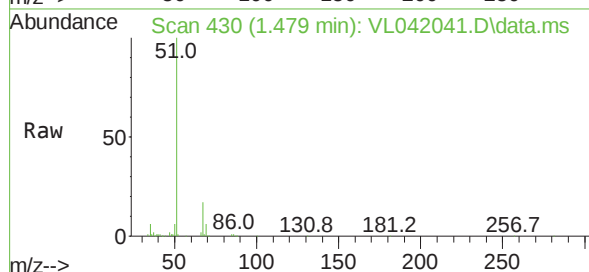
VSTDICCC010

Tgt Ion: 51 Resp: 211185

Ion Ratio Lower Upper

51 100

67 17.1 15.0 22.6



Chloromethane

Concen: 5.136 ppbv

RT: 1.538 min Scan# 448

Delta R.T. 0.000 min

Lab File: VL042041.D

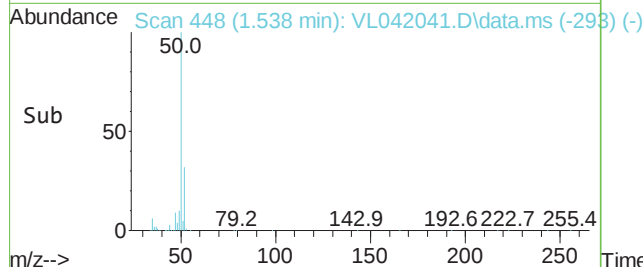
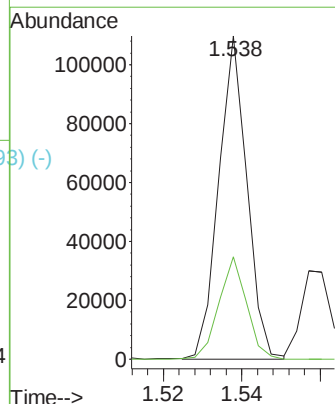
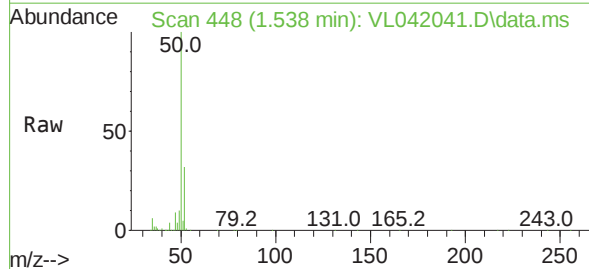
Acq: 25 Feb 2025 08:56

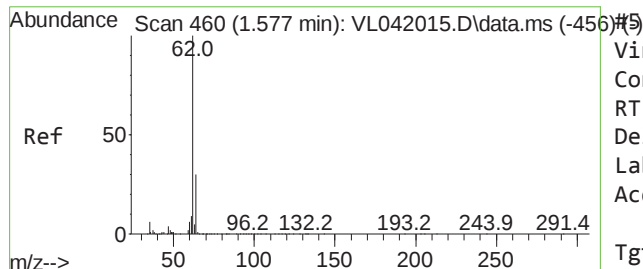
Tgt Ion: 50 Resp: 55364

Ion Ratio Lower Upper

50 100

52 31.7 26.2 39.2





Vinyl Chloride

Concen: 4.207 ppbv

RT: 1.586 min Scan

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_1

ClientSampleId :

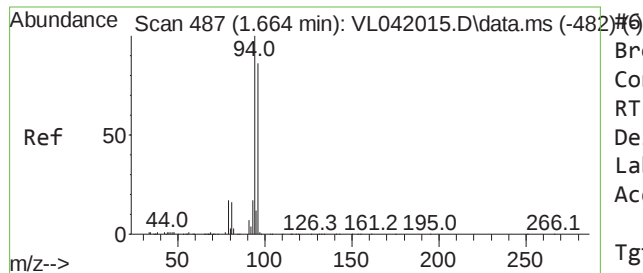
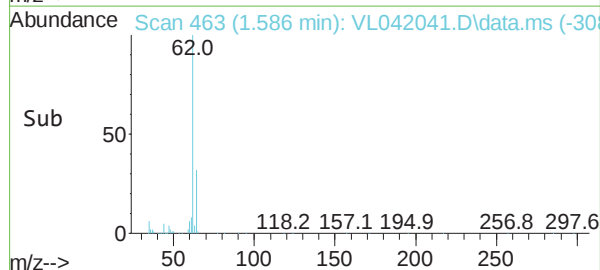
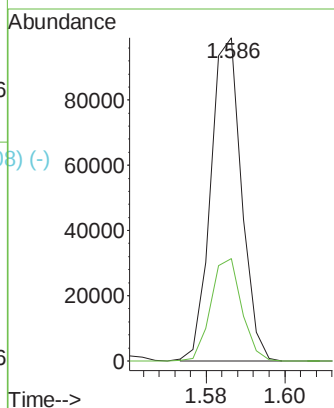
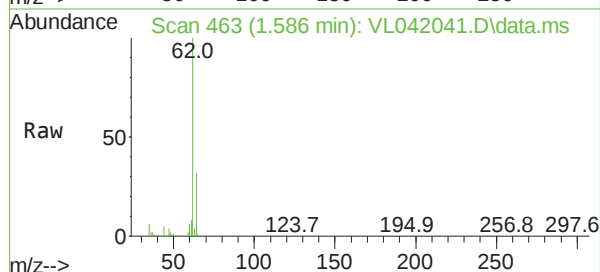
VSTDICCC010

Tgt Ion: 62 Resp: 54228

Ion Ratio Lower Upper

62 100

64 31.6 24.4 36.6



Bromomethane

Concen: 5.173 ppbv

RT: 1.674 min Scan# 490

Delta R.T. 0.000 min

Lab File: VL042041.D

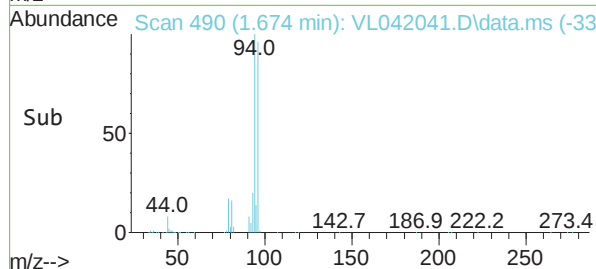
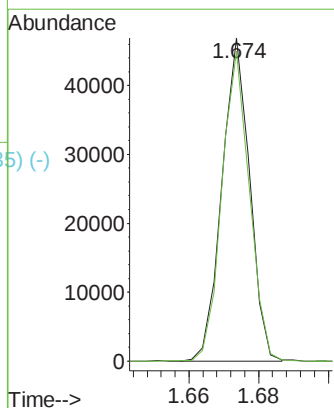
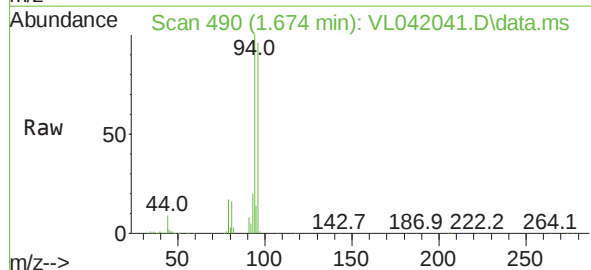
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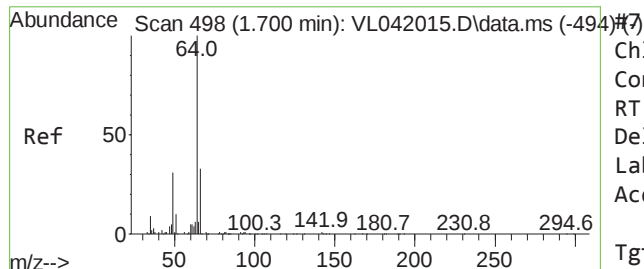
Tgt Ion: 94 Resp: 25846

Ion Ratio Lower Upper

94 100

96 95.6 69.0 103.6





Chloroethane

Concen: 5.169 ppbv

RT: 1.709 min Scan# 498

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_1

ClientSampleId :

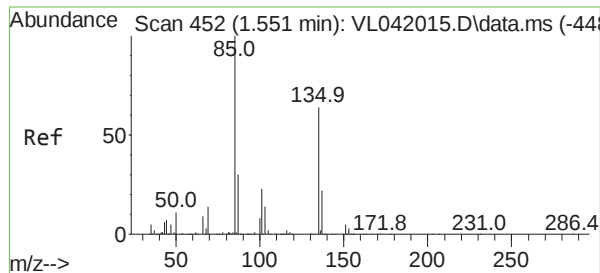
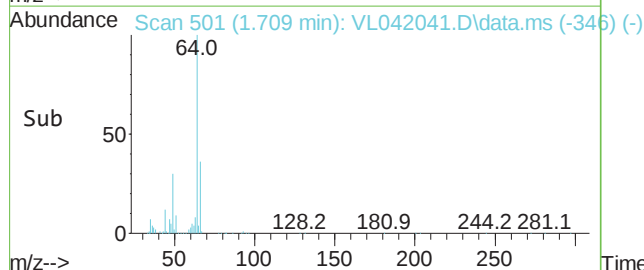
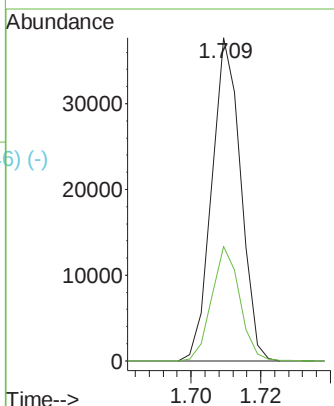
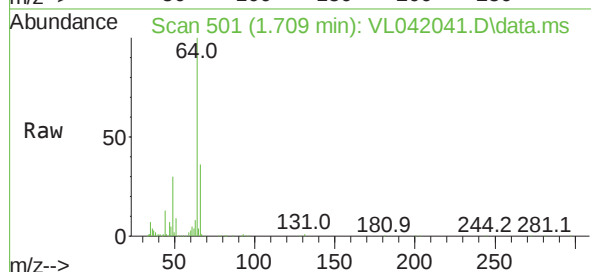
VSTDICCC010

Tgt Ion: 64 Resp: 21717

Ion Ratio Lower Upper

64 100

66 35.5 26.5 39.7



Dichlorotetrafluoroethane

Concen: 5.147 ppbv

RT: 1.560 min Scan# 455

Delta R.T. 0.000 min

Lab File: VL042041.D

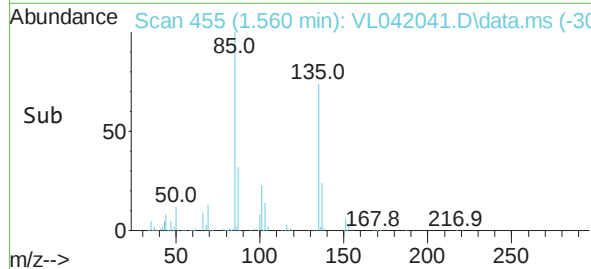
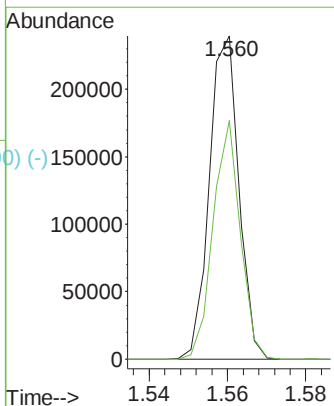
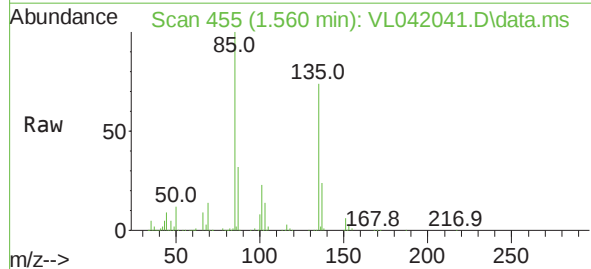
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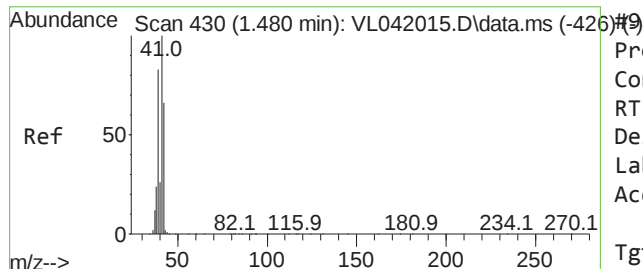
Tgt Ion: 85 Resp: 125595

Ion Ratio Lower Upper

85 100

135 68.2 50.9 76.3





Propene

Concen: 6.357 ppbv

RT: 1.489 min Scan# 430

Delta R.T. 0.000 min

Lab File: VL042041.D

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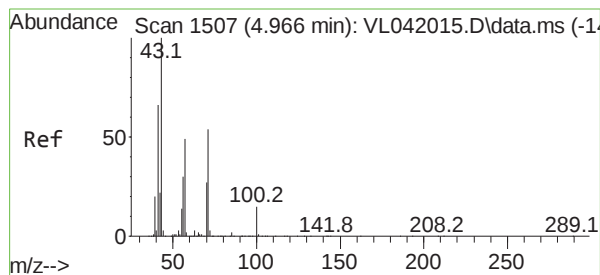
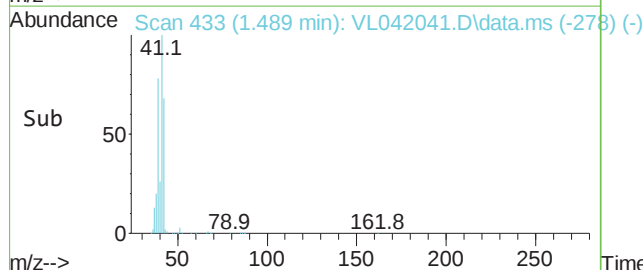
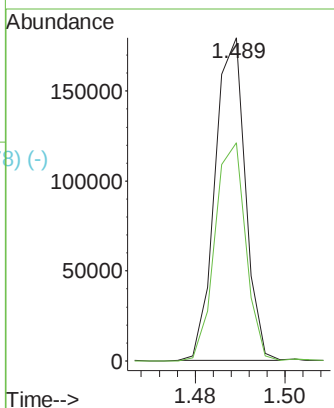
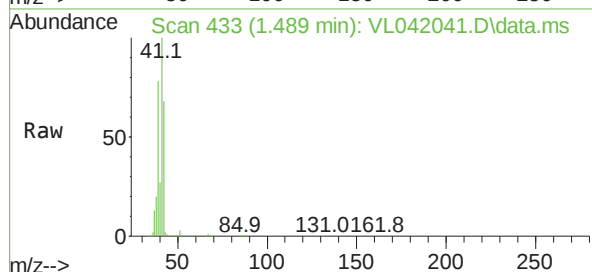
VSTDICCC010

Tgt Ion: 41 Resp: 84038

Ion Ratio Lower Upper

41 100

42 69.7 53.5 80.3



Heptane

Concen: 7.296 ppbv

RT: 5.007 min Scan# 1520

Delta R.T. 0.003 min

Lab File: VL042041.D

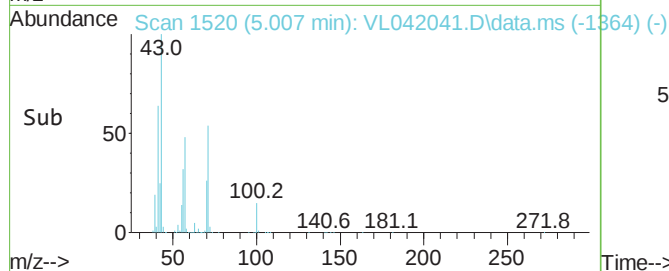
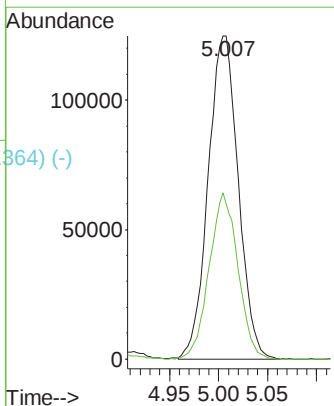
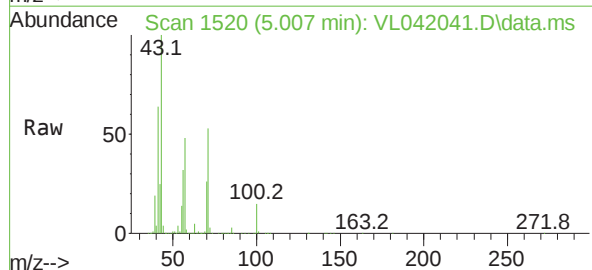
Acq: 25 Feb 2025 08:56

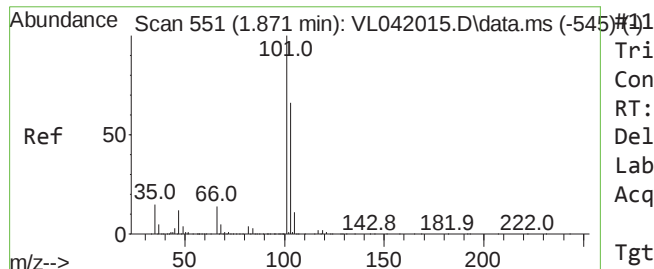
Tgt Ion: 43 Resp: 267860

Ion Ratio Lower Upper

43 100

57 49.2 41.0 61.6





Trichlorofluoromethane

Concen: 5.449 ppbv

RT: 1.884 min Scan# 555

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_L

ClientSampleId :

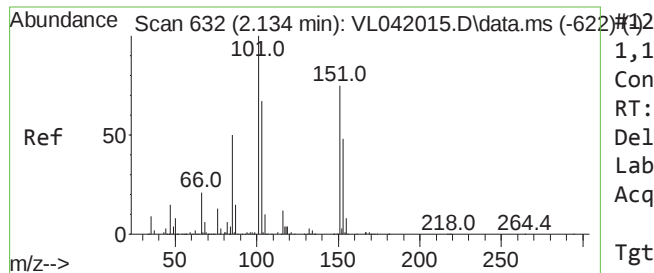
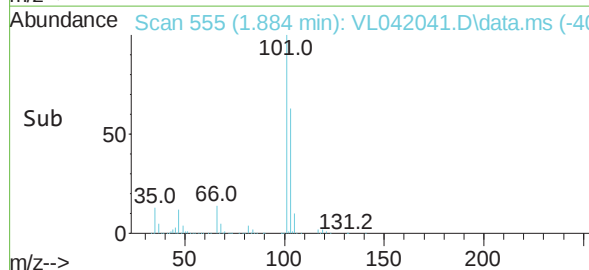
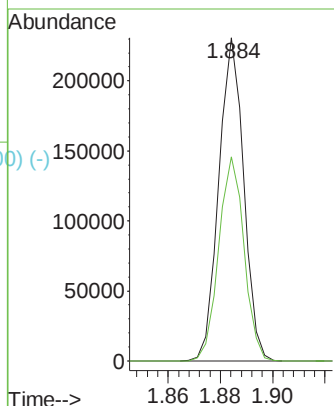
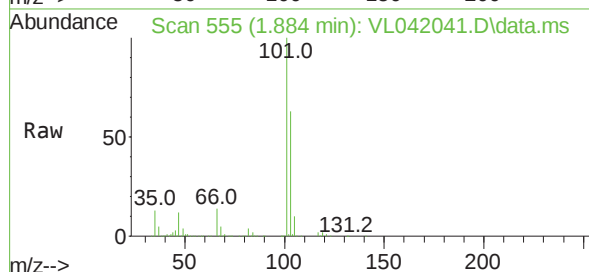
VSTDICCC010

Tgt Ion:101 Resp: 152112

Ion Ratio Lower Upper

101 100

103 63.2 52.9 79.3



1,1,2-Trichlorotrifluoroethane

Concen: 5.162 ppbv

RT: 2.146 min Scan# 636

Delta R.T. -0.003 min

Lab File: VL042041.D

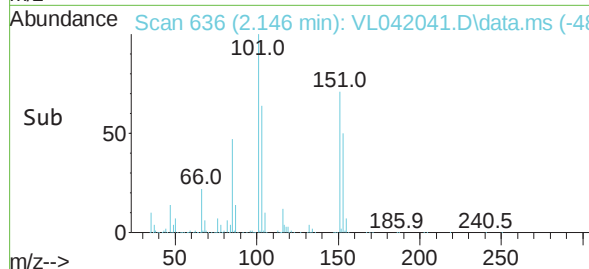
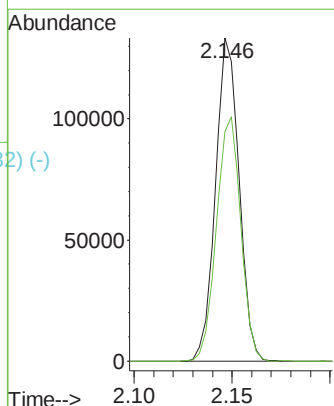
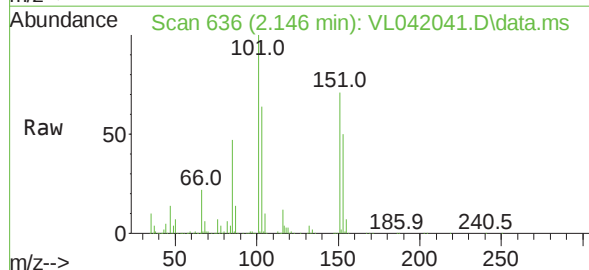
Acq: 25 Feb 2025 08:56

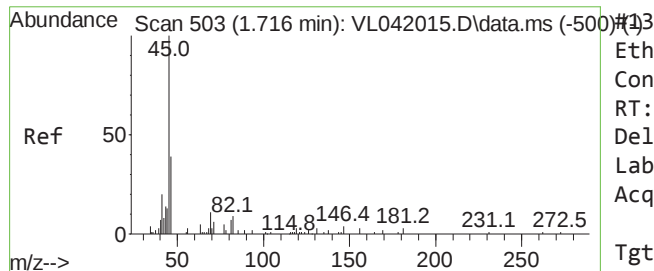
Tgt Ion:101 Resp: 112374

Ion Ratio Lower Upper

101 100

151 78.3 58.2 87.2

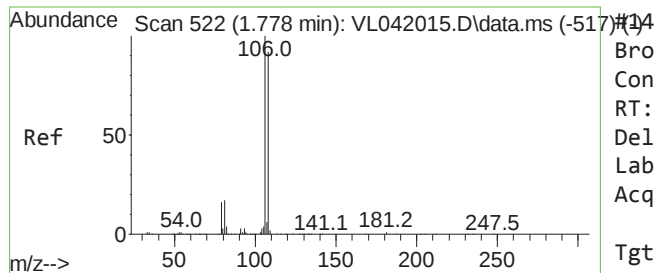
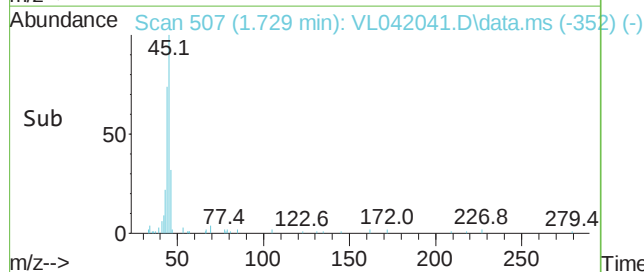
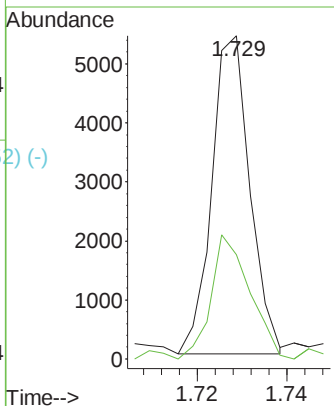
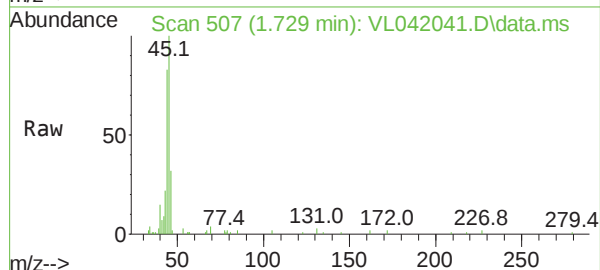




Ethanol
 Concen: 2.131 ppbv
 RT: 1.729 min Scan# 503
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

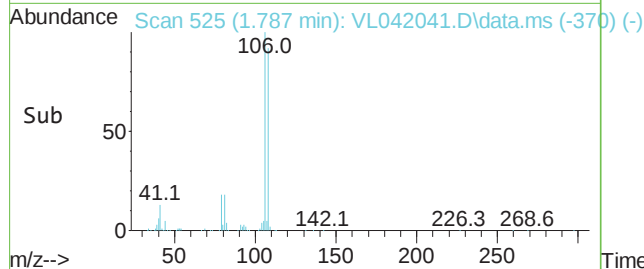
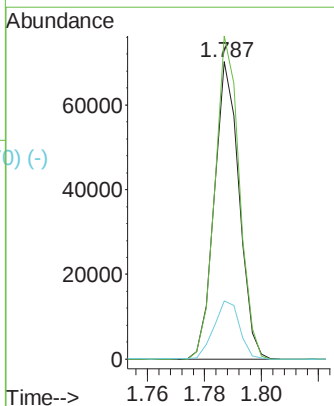
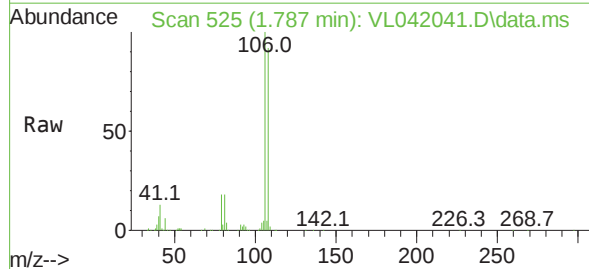
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

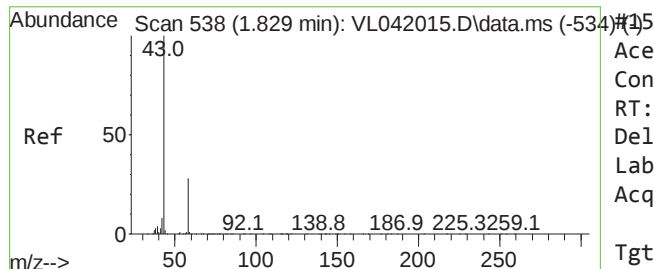
Tgt Ion: 45 Resp: 3178
 Ion Ratio Lower Upper
 45 100
 46 42.7 21.3 85.1



Bromoethene
 Concen: 5.223 ppbv
 RT: 1.787 min Scan# 525
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

Tgt Ion: 108 Resp: 42461
 Ion Ratio Lower Upper
 108 100
 106 106.7 85.0 127.6
 79 20.6 17.3 25.9





Acetone

Concen: 4.327 ppbv

RT: 1.842 min Scan# 472

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_L

ClientSampleId :

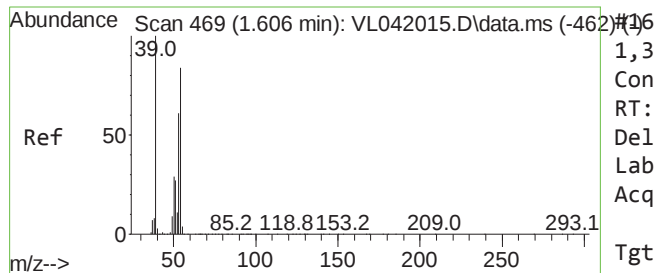
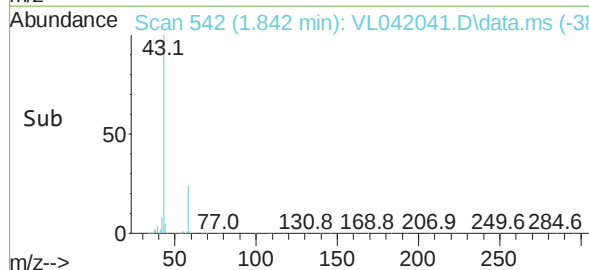
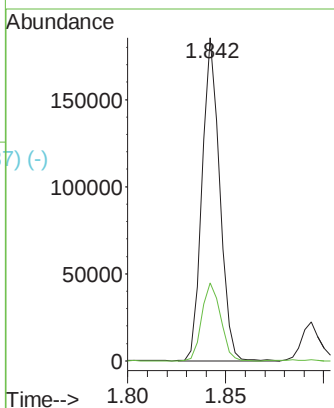
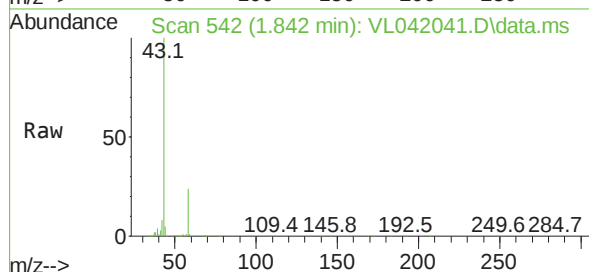
VSTDICCC010

Tgt Ion: 43 Resp: 115085

Ion Ratio Lower Upper

43 100

58 25.9 22.9 34.3



1,3-Butadiene

Concen: 4.574 ppbv

RT: 1.615 min Scan# 472

Delta R.T. 0.000 min

Lab File: VL042041.D

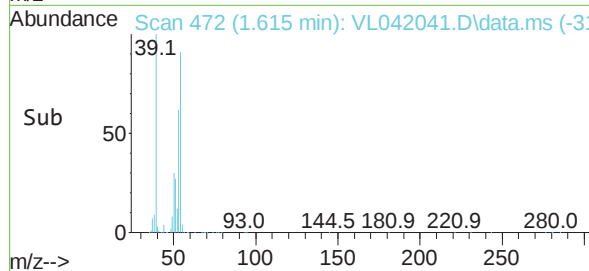
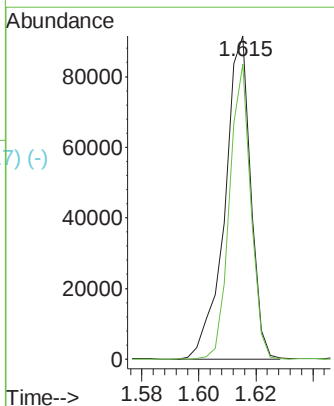
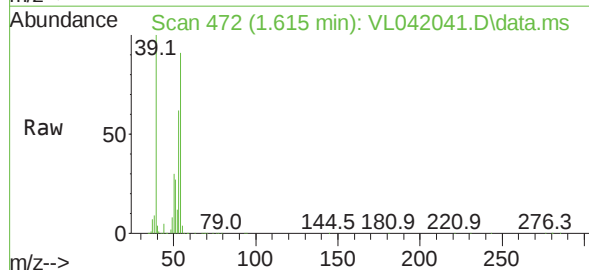
Acq: 25 Feb 2025 08:56

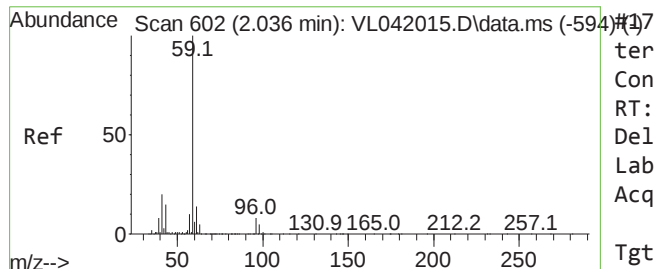
Tgt Ion: 39 Resp: 57707

Ion Ratio Lower Upper

39 100

54 74.5 59.4 89.2





tert-Butyl alcohol

Concen: 4.651 ppbv

RT: 2.049 min Scan# 606

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_1

ClientSampleId :

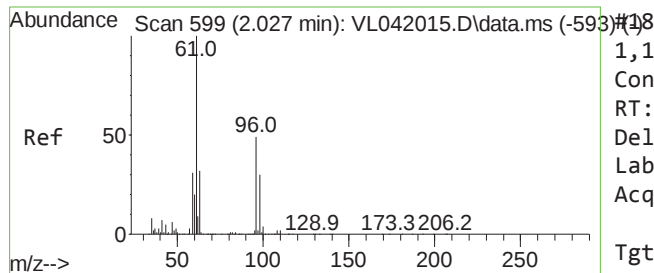
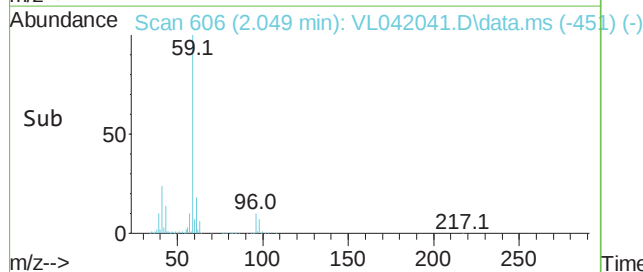
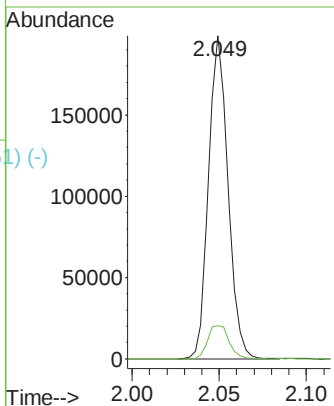
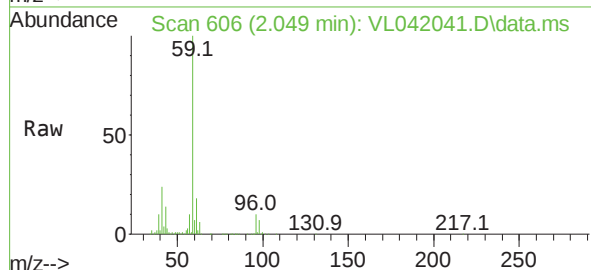
VSTDICCC010

Tgt Ion: 59 Resp: 153073

Ion Ratio Lower Upper

59 100

57 11.6 9.2 13.8



1,1-Dichloroethene

Concen: 4.954 ppbv

RT: 2.043 min Scan# 604

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

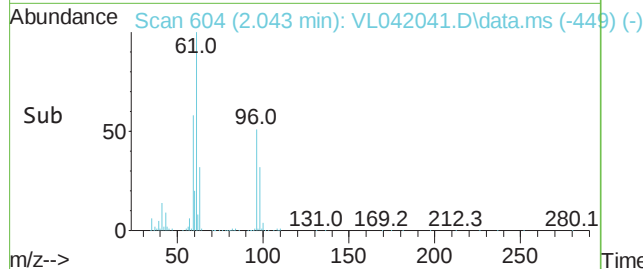
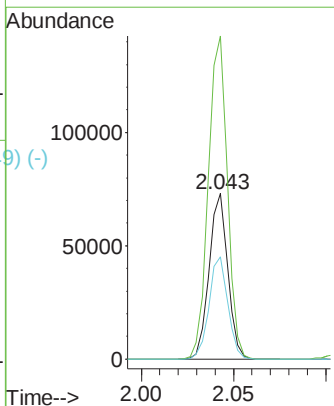
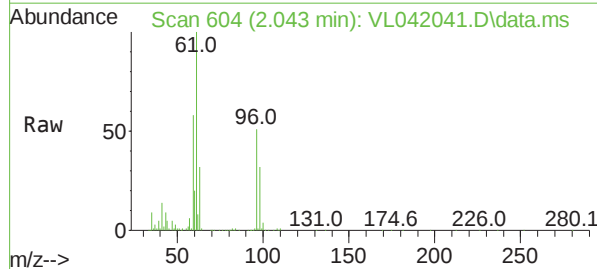
Tgt Ion: 96 Resp: 51534

Ion Ratio Lower Upper

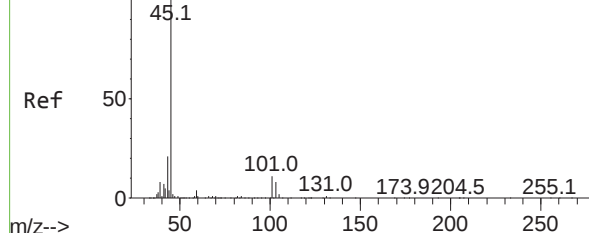
96 100

61 195.0 163.5 245.3

98 61.8 49.4 74.0



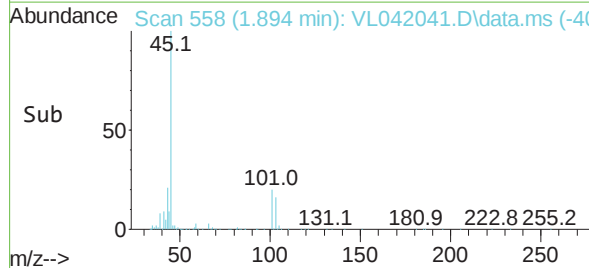
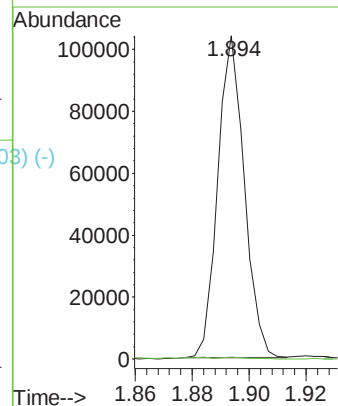
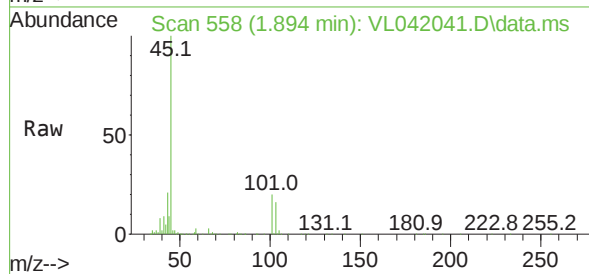
Abundance Scan 554 (1.881 min): VL042015.D\data.ms (-548) #19



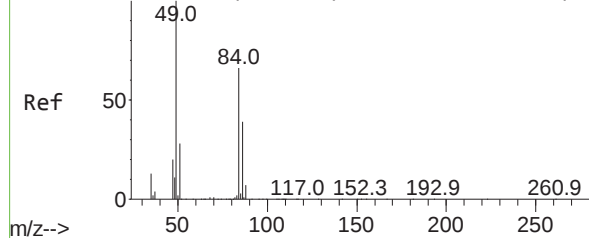
Isopropyl Alcohol
 Concen: 4.522 ppbv
 RT: 1.894 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 45 Resp: 67445
 Ion Ratio Lower Upper
 45 100
 58 44.1 36.2 54.4

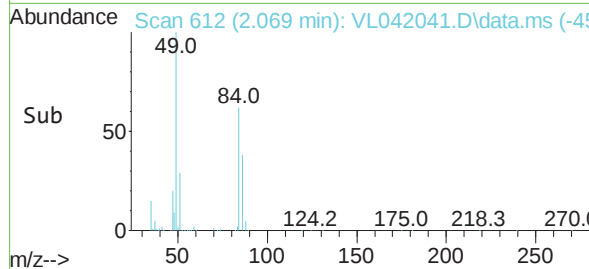
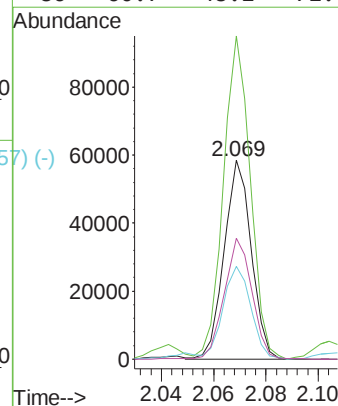
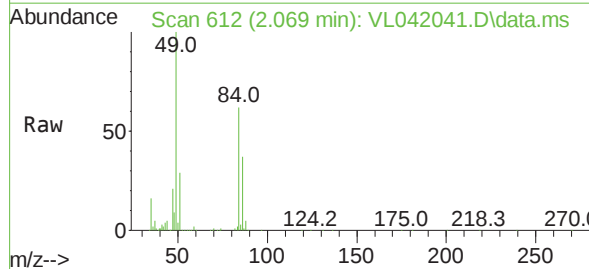


Abundance Scan 608 (2.056 min): VL042015.D\data.ms (-603) #20

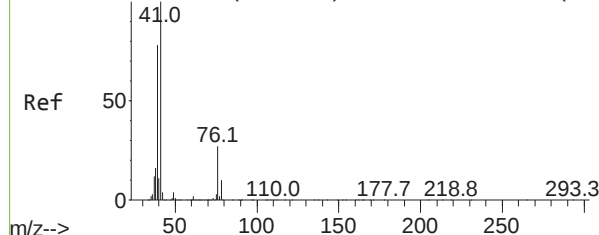


Methylene Chloride
 Concen: 4.195 ppbv
 RT: 2.069 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

Tgt Ion: 84 Resp: 41998
 Ion Ratio Lower Upper
 84 100
 49 162.5 121.0 181.4
 51 46.7 35.1 52.7
 86 60.7 48.2 72.4



Abundance Scan 618 (2.088 min): VL042015.D\data.ms (-612) #21



Allyl Chloride

Concen: 4.504 ppbv

RT: 2.104 min Scan# 623

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 86723

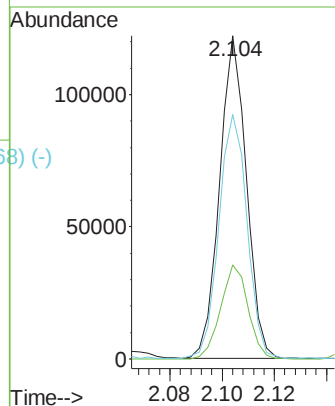
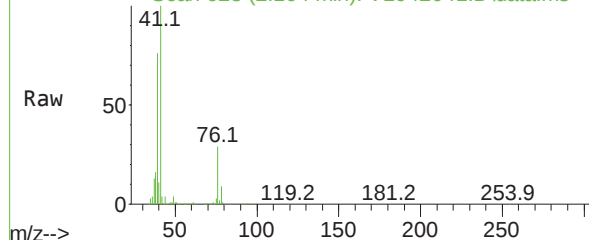
Ion Ratio Lower Upper

41 100

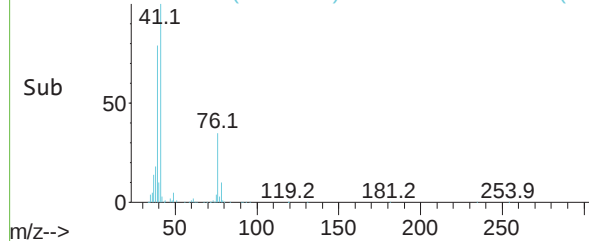
76 29.7 23.7 35.5

39 79.7 63.0 94.6

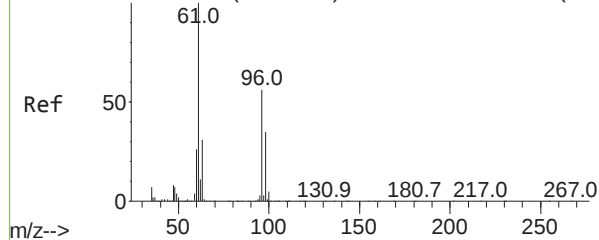
Abundance Scan 623 (2.104 min): VL042041.D\data.ms



Abundance Scan 623 (2.104 min): VL042041.D\data.ms (-468) (-)



Abundance Scan 694 (2.334 min): VL042015.D\data.ms (-687) #22



trans-1,2-Dichloroethene

Concen: 5.104 ppbv

RT: 2.350 min Scan# 699

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Tgt Ion: 96 Resp: 57617

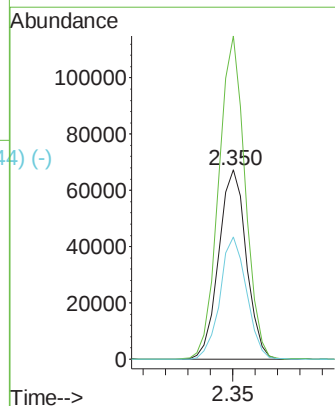
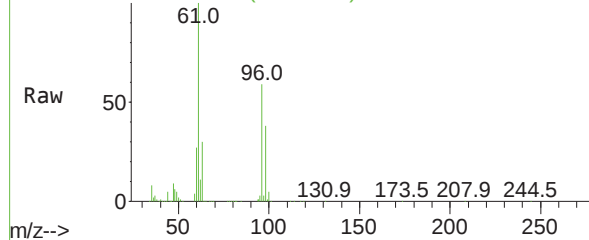
Ion Ratio Lower Upper

96 100

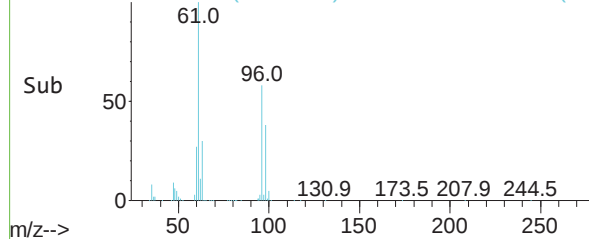
61 170.8 142.3 213.5

98 64.7 50.2 75.2

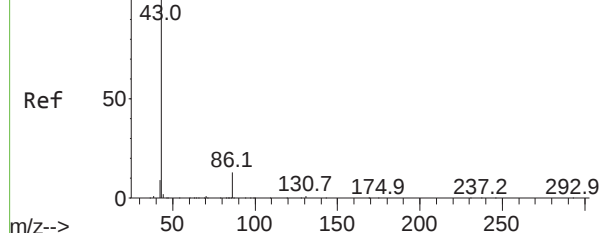
Abundance Scan 699 (2.350 min): VL042041.D\data.ms



Abundance Scan 699 (2.350 min): VL042041.D\data.ms (-544) (-)



Abundance Scan 731 (2.454 min): VL042015.D\data.ms (-727) #23



Vinyl Acetate

Concen: 5.823 ppbv

RT: 2.473 min Scan

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 83866

Ion Ratio Lower Upper

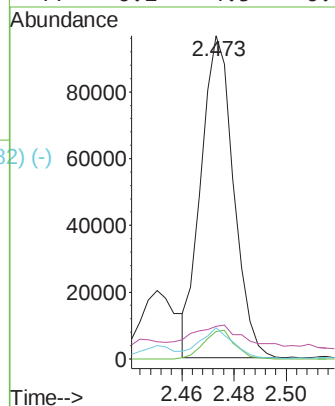
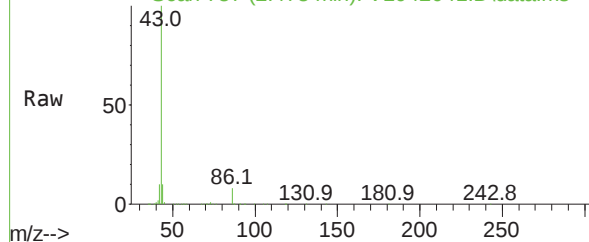
43 100

86 8.7 8.1 12.1

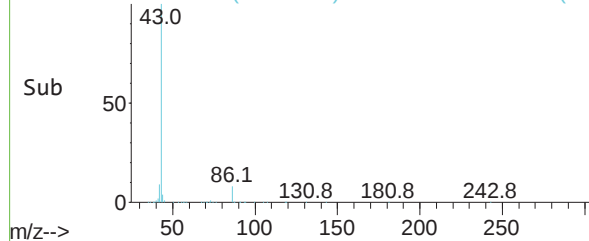
42 9.5 7.5 11.3

44 6.2 4.5 6.7

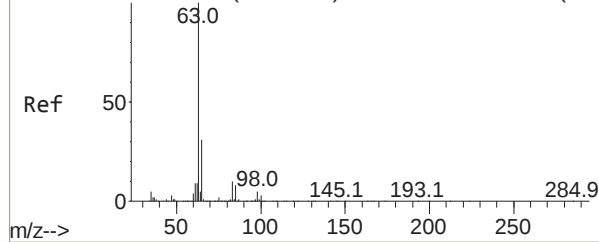
Abundance Scan 737 (2.473 min): VL042041.D\data.ms



Abundance Scan 737 (2.473 min): VL042041.D\data.ms (-582) (-)



Abundance Scan 715 (2.402 min): VL042015.D\data.ms (-706) #24



1,1-Dichloroethane

Concen: 4.704 ppbv

RT: 2.418 min Scan# 720

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Tgt Ion: 63 Resp: 107817

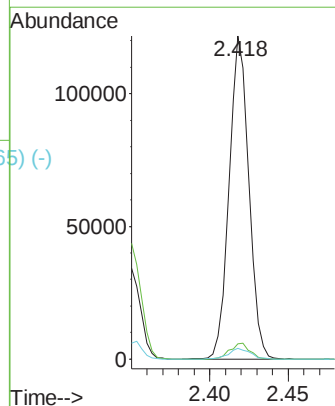
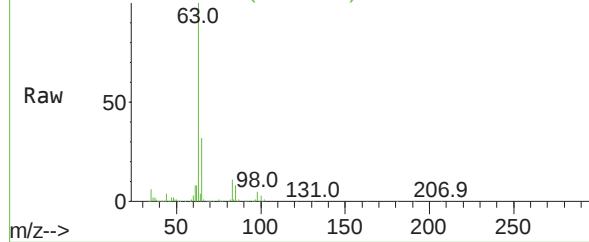
Ion Ratio Lower Upper

63 100

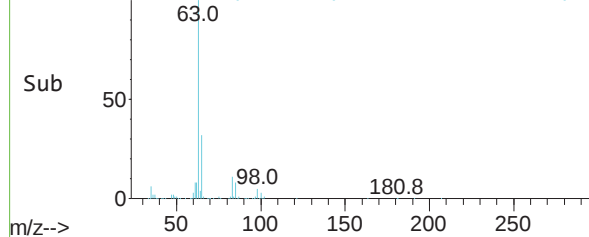
98 4.8 2.4 7.2

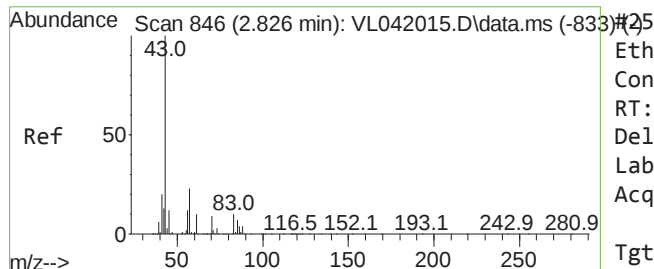
100 3.3 1.6 4.8

Abundance Scan 720 (2.418 min): VL042041.D\data.ms



Abundance Scan 720 (2.418 min): VL042041.D\data.ms (-565) (-)





Ethyl Acetate

Concen: 7.007 ppbv

RT: 2.852 min Scan# 854

Delta R.T. 0.003 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 511505

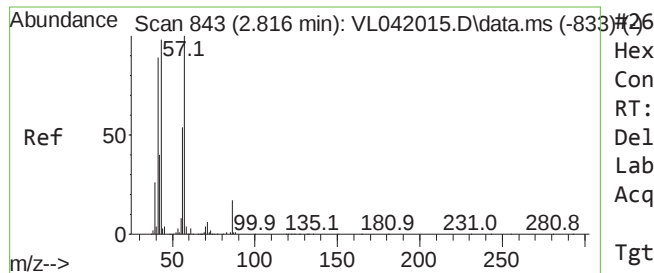
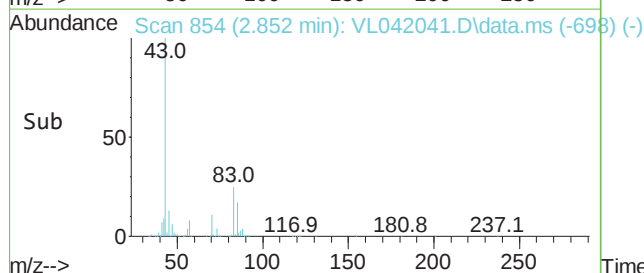
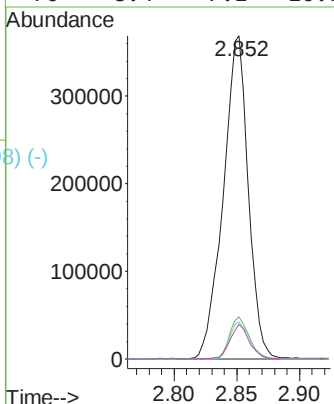
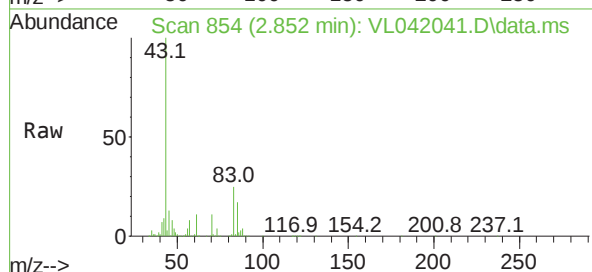
Ion Ratio Lower Upper

43 100

45 10.1 8.1 12.1

61 9.0 7.5 11.3

70 8.4 7.1 10.7



Hexane

Concen: 7.052 ppbv

RT: 2.839 min Scan# 850

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Tgt Ion: 57 Resp: 206577

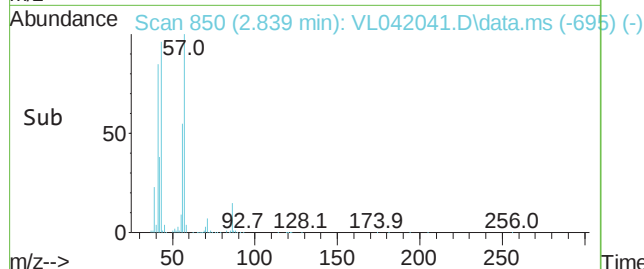
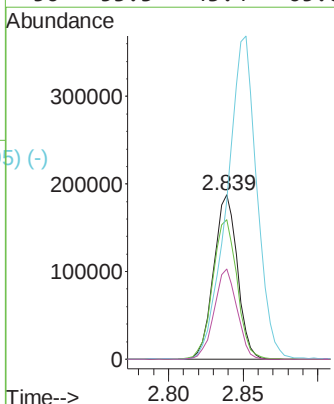
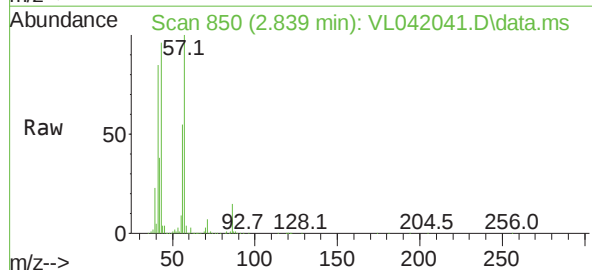
Ion Ratio Lower Upper

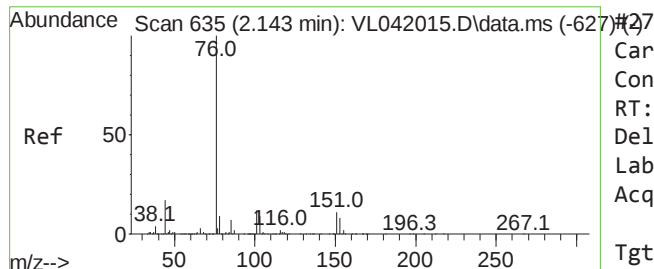
57 100

41 88.3 73.2 109.8

43 249.2 200.8 301.2

56 53.3 43.4 65.0





Carbon Disulfide

Concen: 5.008 ppbv

RT: 2.159 min Scan# 640

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

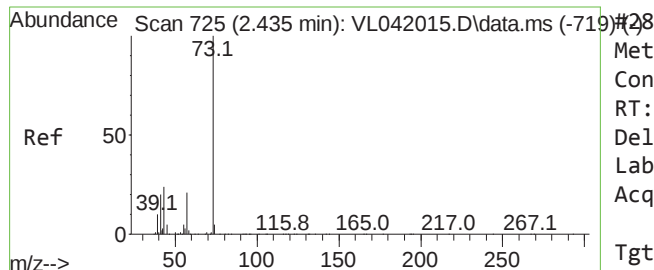
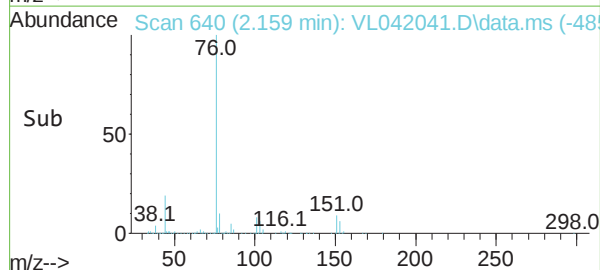
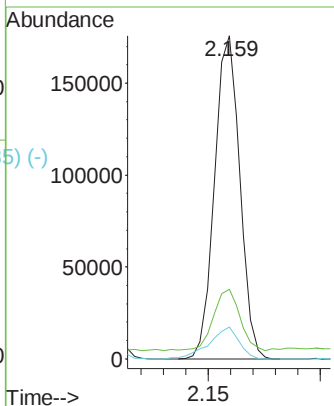
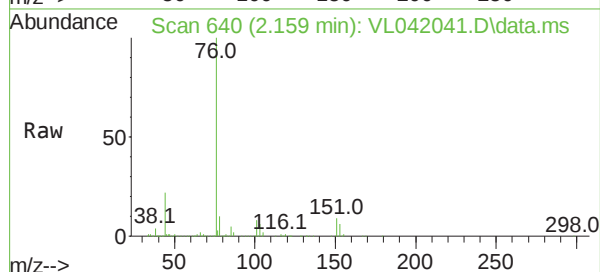
Tgt Ion: 76 Resp: 137978

Ion Ratio Lower Upper

76 100

44 20.2 18.1 27.1

78 11.7 9.5 14.3



Methyl tert-Butyl Ether

Concen: 4.696 ppbv

RT: 2.450 min Scan# 730

Delta R.T. -0.003 min

Lab File: VL042041.D

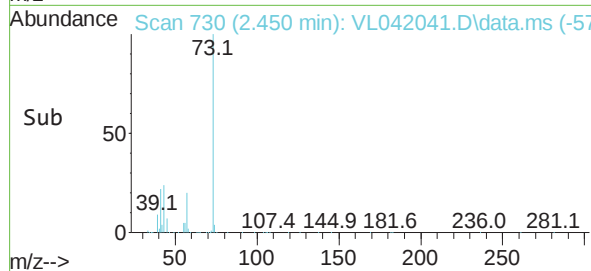
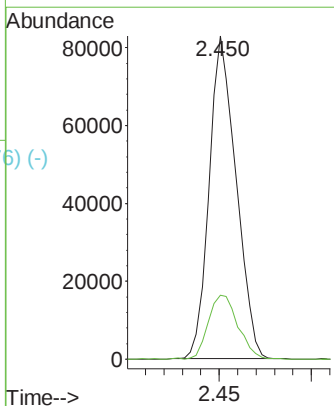
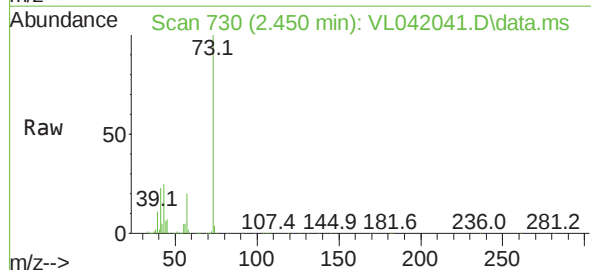
Acq: 25 Feb 2025 08:56

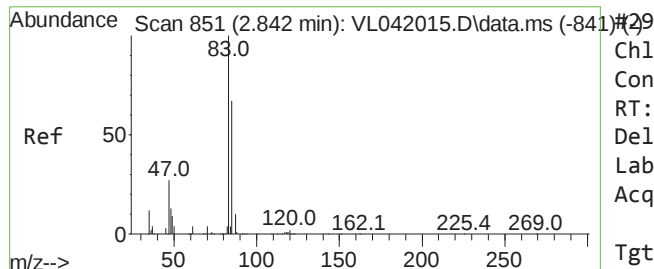
Tgt Ion: 73 Resp: 84091

Ion Ratio Lower Upper

73 100

57 22.1 18.3 27.5





Chloroform

Concen: 6.538 ppbv

RT: 2.862 min Scan# 857

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_L

ClientSampleId :

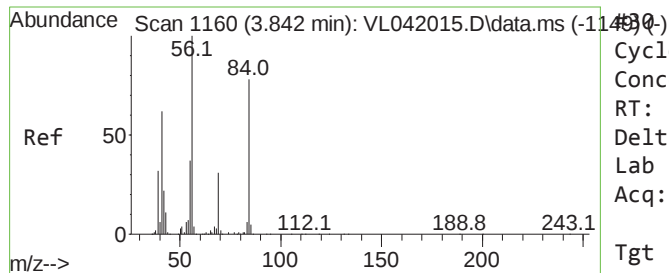
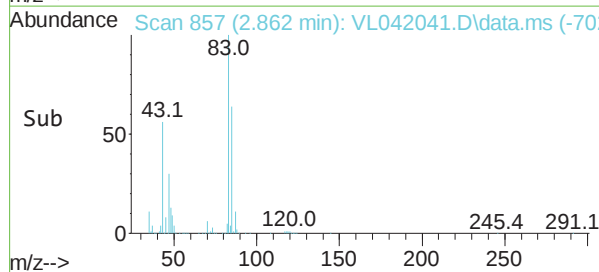
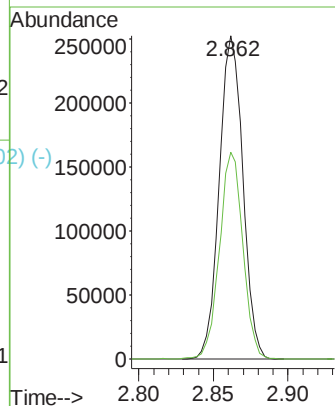
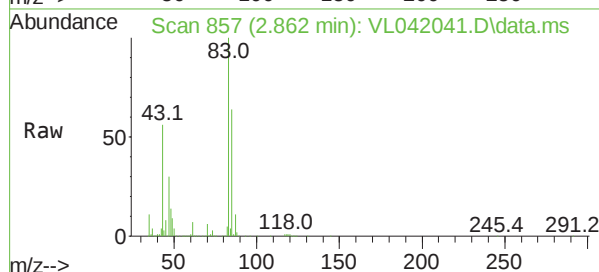
VSTDICCC010

Tgt Ion: 83 Resp: 277411

Ion Ratio Lower Upper

83 100

85 64.0 53.8 80.6



Cyclohexane

Concen: 7.295 ppbv

RT: 3.875 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

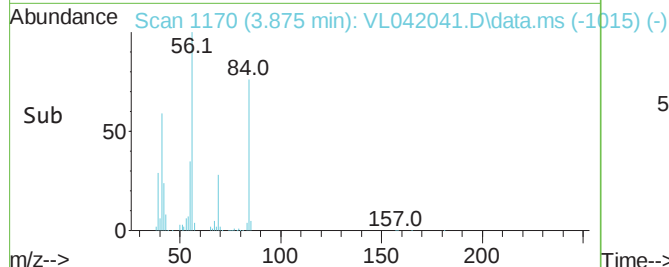
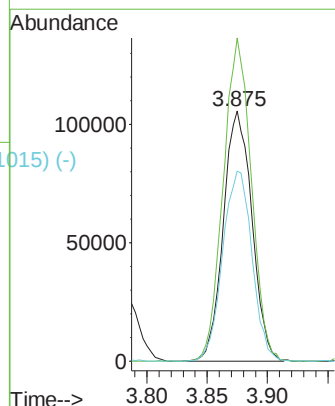
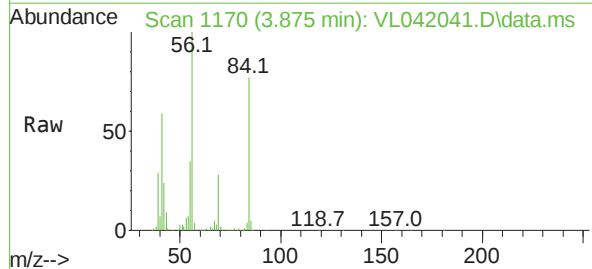
Tgt Ion: 84 Resp: 173351

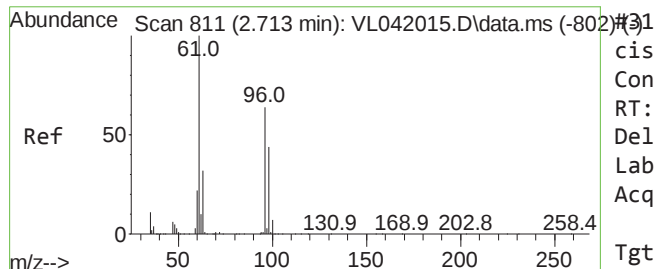
Ion Ratio Lower Upper

84 100

56 126.9 99.5 149.3

41 78.2 62.2 93.2





cis-1,2-Dichloroethene

Concen: 6.886 ppbv

RT: 2.732 min Scan# 811

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

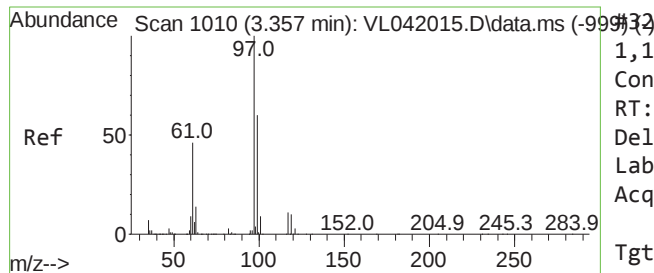
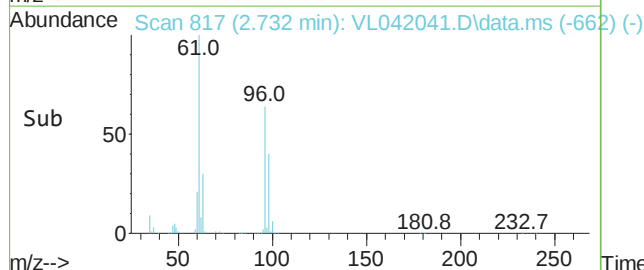
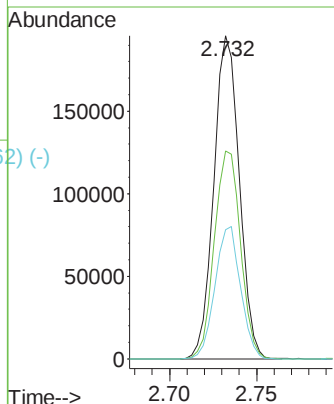
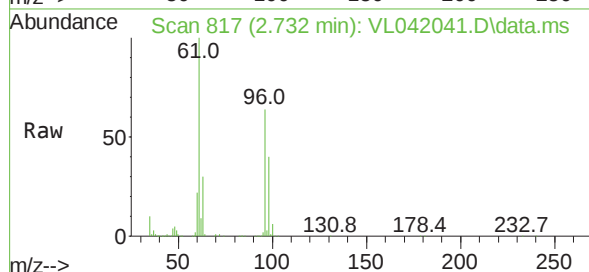
Tgt Ion: 61 Resp: 199354

Ion Ratio Lower Upper

61 100

96 64.4 51.6 77.4

98 40.0 34.8 52.2



1,1,1-Trichloroethane

Concen: 6.064 ppbv

RT: 3.383 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

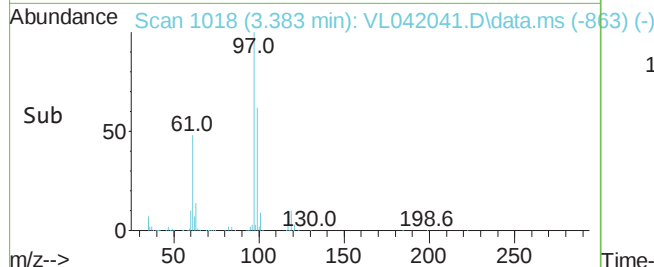
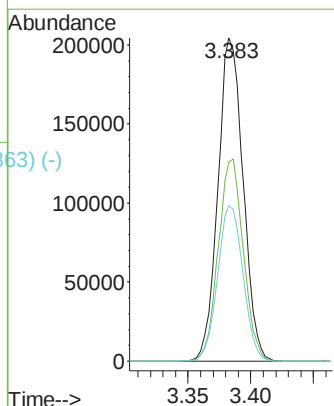
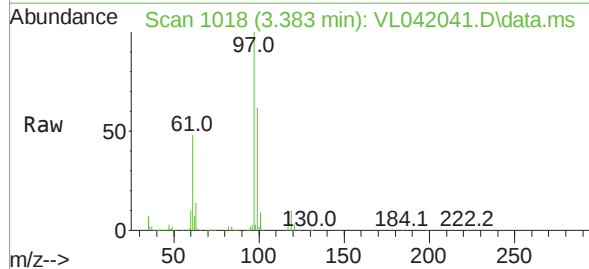
Tgt Ion: 97 Resp: 285335

Ion Ratio Lower Upper

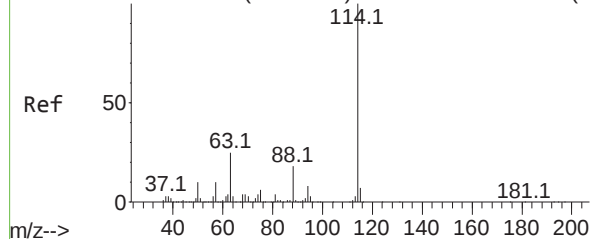
97 100

99 62.2 51.0 76.4

61 48.6 37.9 56.9



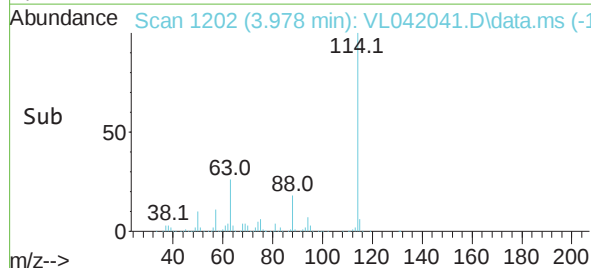
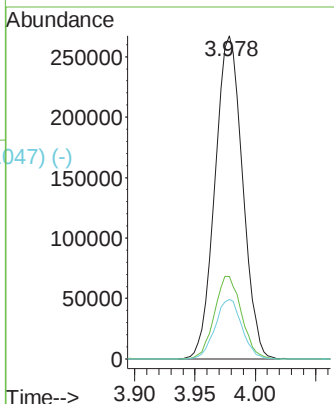
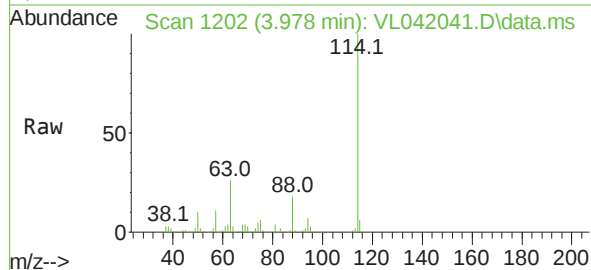
Abundance Scan 1192 (3.946 min): VL042015.D\data.ms (-11753)



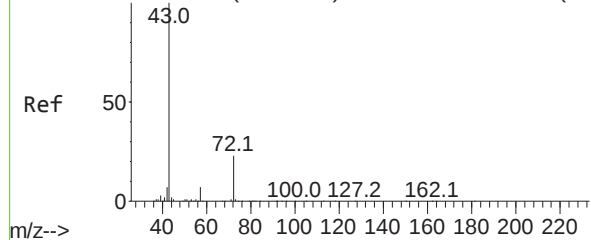
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion:114 Resp: 422655
Ion Ratio Lower Upper
114 100
63 25.1 20.2 30.2
88 17.9 14.4 21.6

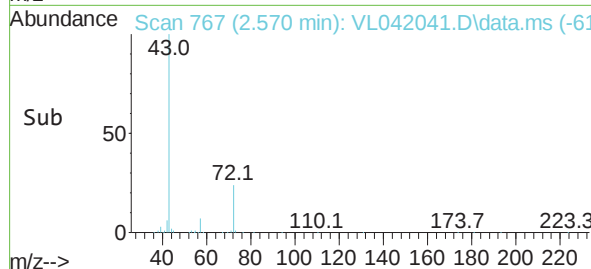
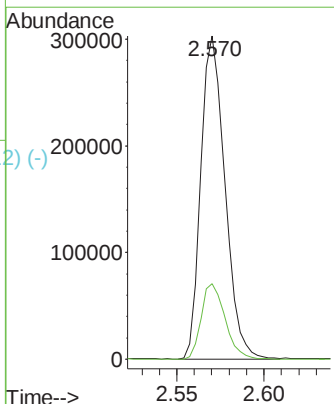
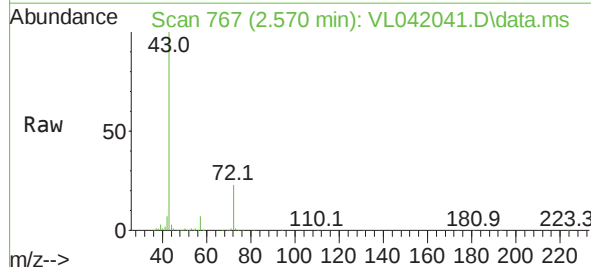


Abundance Scan 761 (2.551 min): VL042015.D\data.ms (-75534)

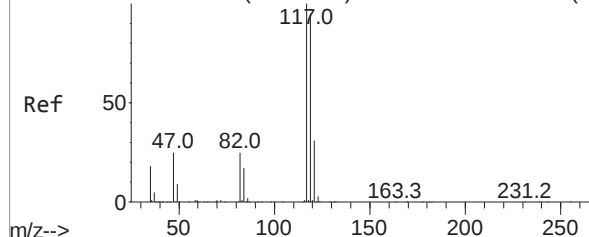


2-Butanone
Concen: 8.043 ppbv
RT: 2.570 min Scan# 767
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

Tgt Ion: 43 Resp: 292449
Ion Ratio Lower Upper
43 100
72 23.1 18.3 27.5



Abundance Scan 1132 (3.752 min): VL042015.D\data.ms (-1183)



Carbon Tetrachloride

Concen: 6.741 ppbv

RT: 3.781 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:117 Resp: 276677

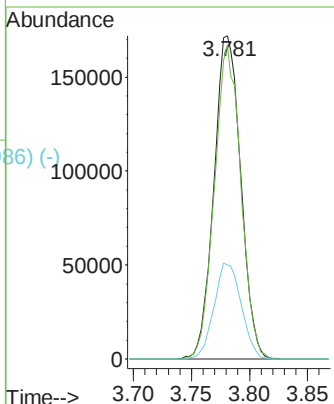
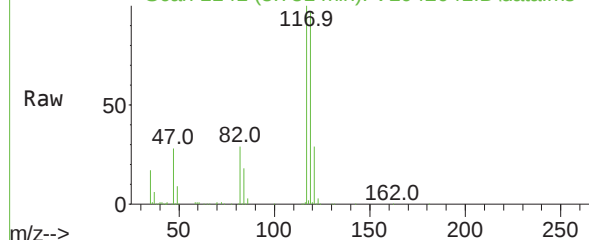
Ion Ratio Lower Upper

117 100

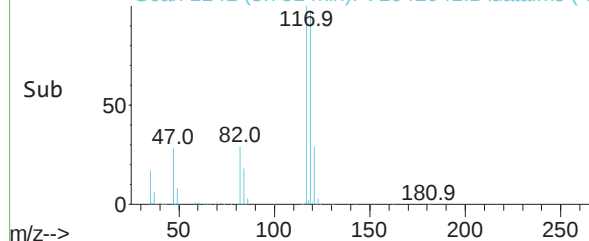
119 97.3 75.8 113.6

121 29.2 24.6 36.8

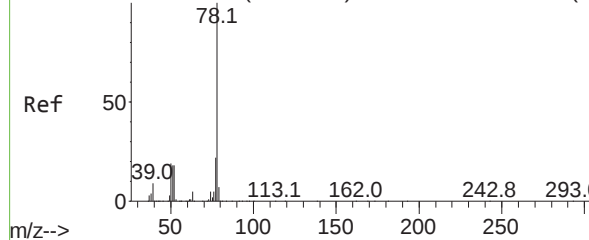
Abundance Scan 1141 (3.781 min): VL042041.D\data.ms



Abundance Scan 1141 (3.781 min): VL042041.D\data.ms (-986) (-)



Abundance Scan 1099 (3.645 min): VL042015.D\data.ms (-1083)



Benzene

Concen: 7.999 ppbv

RT: 3.674 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Tgt Ion: 78 Resp: 409501

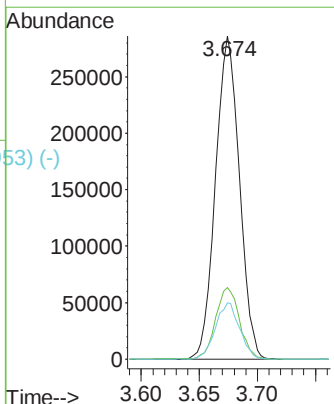
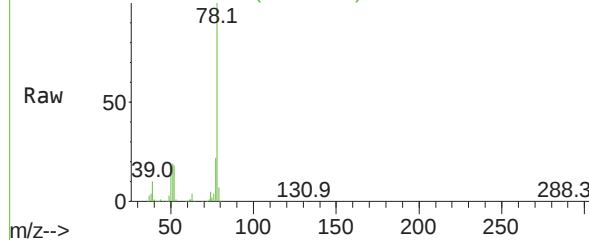
Ion Ratio Lower Upper

78 100

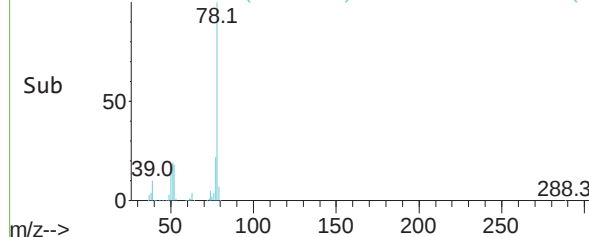
77 22.1 18.0 27.0

50 17.4 15.2 22.8

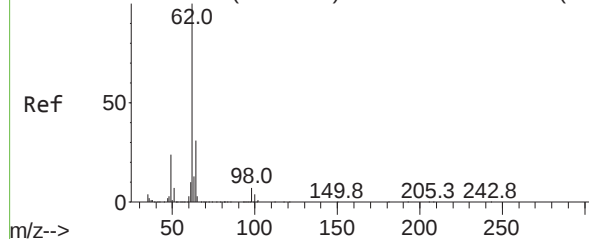
Abundance Scan 1108 (3.674 min): VL042041.D\data.ms



Abundance Scan 1108 (3.674 min): VL042041.D\data.ms (-953) (-)



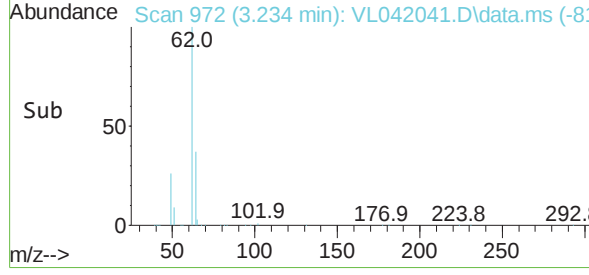
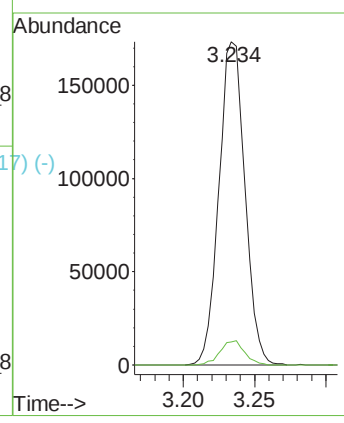
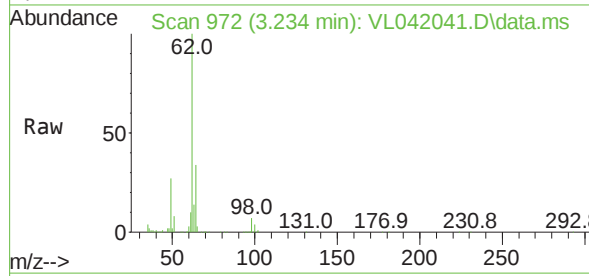
Abundance Scan 964 (3.208 min): VL042015.D\data.ms (-953) #37



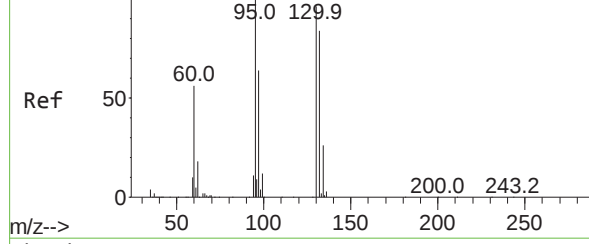
1,2-Dichloroethane
 Concen: 7.543 ppbv
 RT: 3.234 min Scan# 972
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

Tgt Ion:	62	Resp:	219829
Ion	Ratio	Lower	Upper
62	100		
98	7.1	5.7	8.5

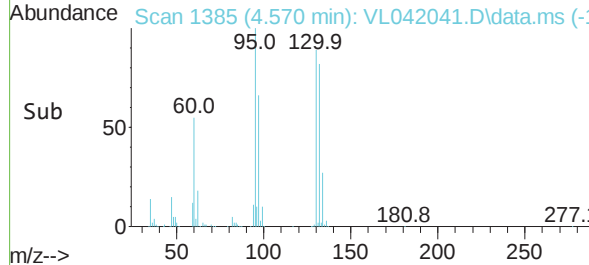
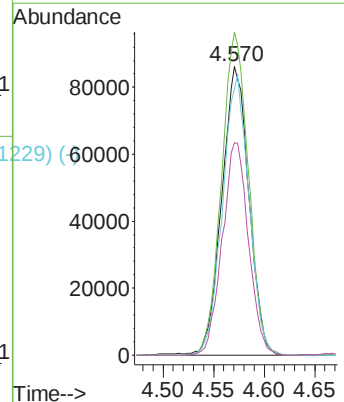
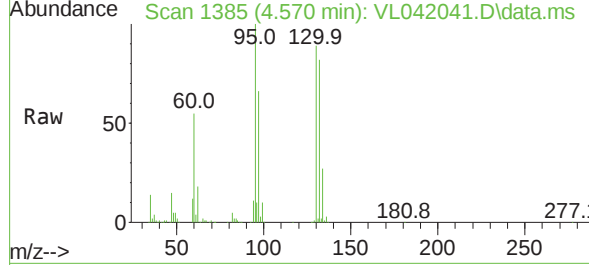


Abundance Scan 1373 (4.532 min): VL042015.D\data.ms (-1353) #38

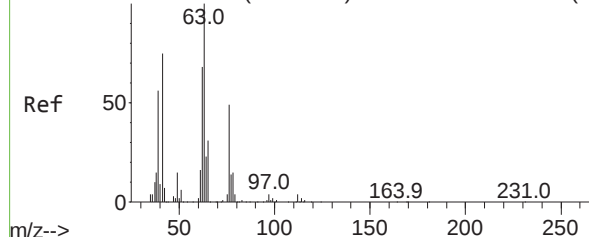


Trichloroethene
 Concen: 7.689 ppbv
 RT: 4.570 min Scan# 1385
 Delta R.T. 0.003 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

Tgt Ion:	130	Resp:	159933
Ion	Ratio	Lower	Upper
130	100		
95	111.9	82.8	124.2
132	92.2	70.0	105.0
97	73.5	53.3	79.9



Abundance Scan 1301 (4.299 min): VL042015.D\data.ms (-12909)



1,2-Dichloropropane

Concen: 8.047 ppbv

RT: 4.337 min Scan

Delta R.T. 0.003 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

Tgt Ion: 63 Resp: 151036

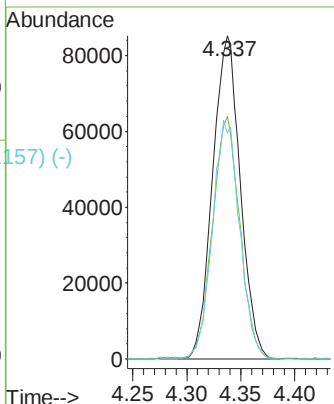
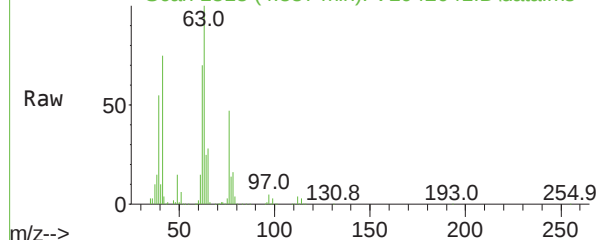
Ion Ratio Lower Upper

63 100

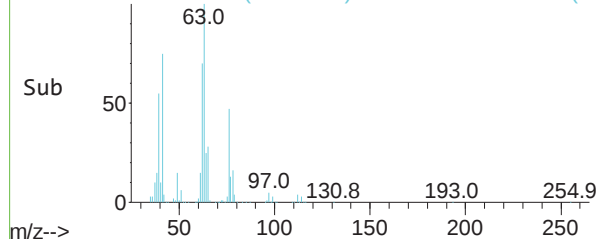
41 75.1 60.1 90.1

62 69.8 54.0 81.0

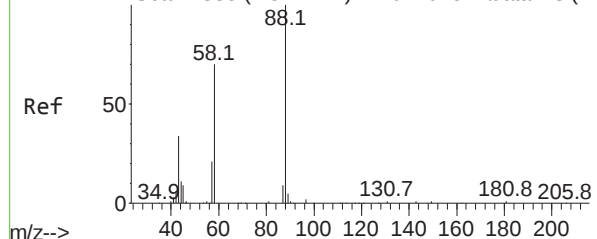
Abundance Scan 1313 (4.337 min): VL042041.D\data.ms



Abundance Scan 1313 (4.337 min): VL042041.D\data.ms (-1157) (-)



Abundance Scan 1385 (4.571 min): VL042015.D\data.ms (-13740)



1,4-Dioxane

Concen: 7.105 ppbv

RT: 4.609 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Tgt Ion: 88 Resp: 69399

Ion Ratio Lower Upper

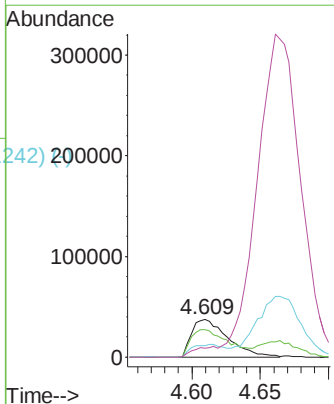
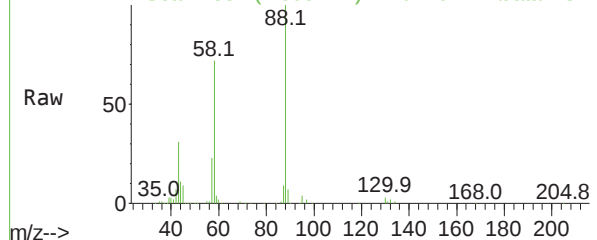
88 100

58 78.3 58.1 87.1

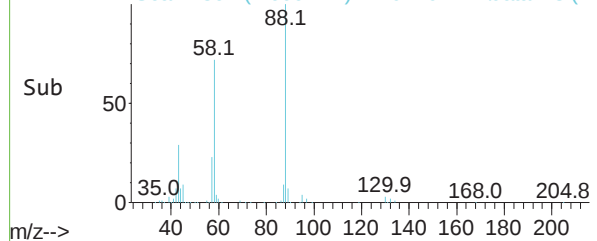
43 0.0 27.3 40.9#

57 0.0 0.0 0.0

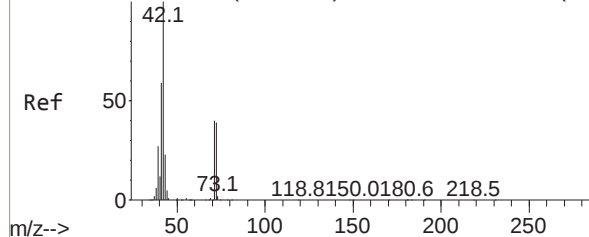
Abundance Scan 1397 (4.609 min): VL042041.D\data.ms



Abundance Scan 1397 (4.609 min): VL042041.D\data.ms (-1242)



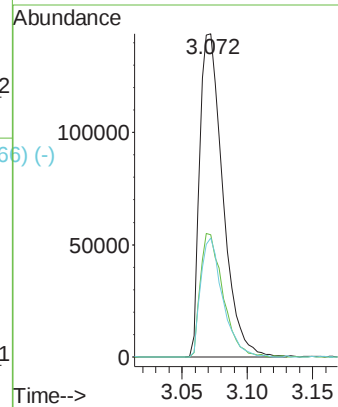
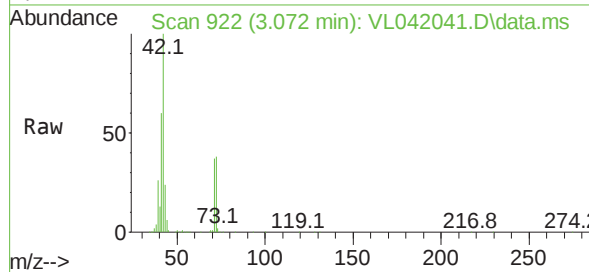
Abundance Scan 914 (3.046 min): VL042015.D\data.ms (-909) #41



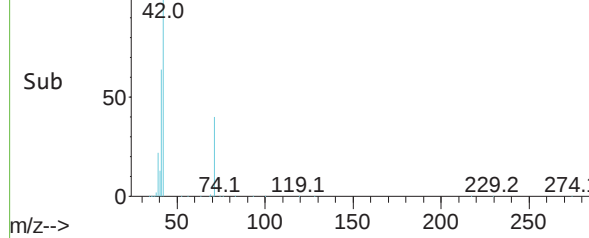
Tetrahydrofuran
 Concen: 8.509 ppbv
 RT: 3.072 min Scan# 1367
 Delta R.T. 0.004 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

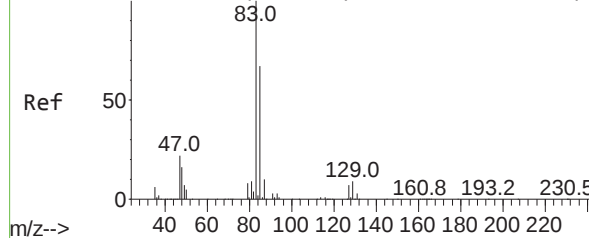
Tgt Ion:	42	Resp:	176830
Ion	Ratio	Lower	Upper
42	100		
72	37.7	32.3	48.5
71	35.3	30.9	46.3



Abundance Scan 922 (3.072 min): VL042041.D\data.ms (-766) (-)

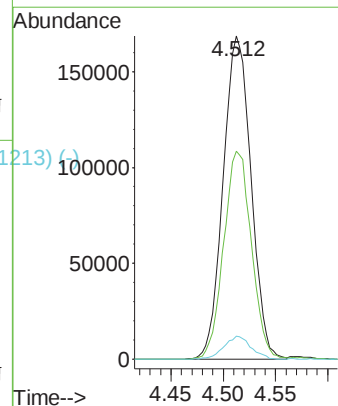
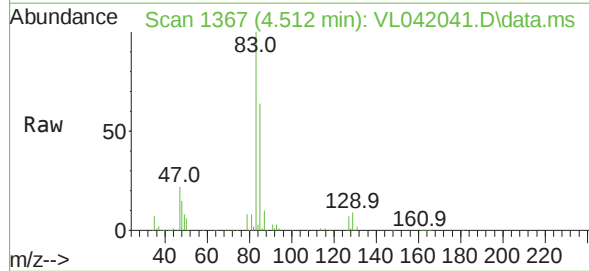


Abundance Scan 1355 (4.474 min): VL042015.D\data.ms (-1340) #42

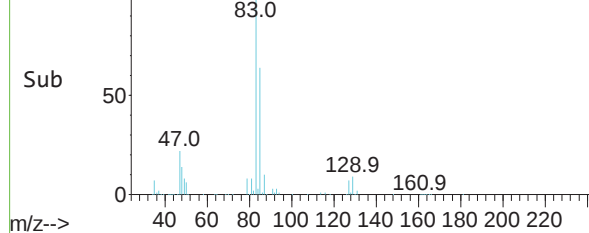


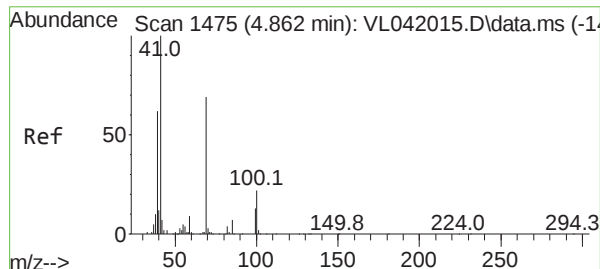
Bromodichloromethane
 Concen: 7.908 ppbv
 RT: 4.512 min Scan# 1367
 Delta R.T. -0.003 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

Tgt Ion:	83	Resp:	312250
Ion	Ratio	Lower	Upper
83	100		
85	64.3	53.3	79.9
127	7.2	6.0	9.0



Abundance Scan 1367 (4.512 min): VL042041.D\data.ms (-1213) (-)





Methyl Methacrylate

Concen: 7.091 ppbv

RT: 4.907 min Scan# 1475

Delta R.T. 0.003 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

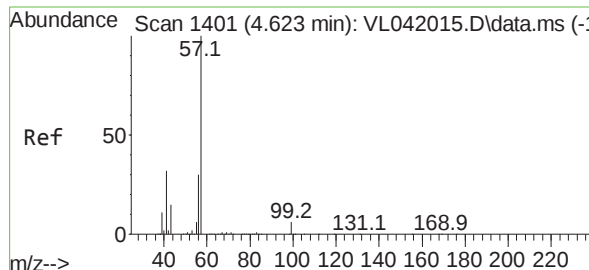
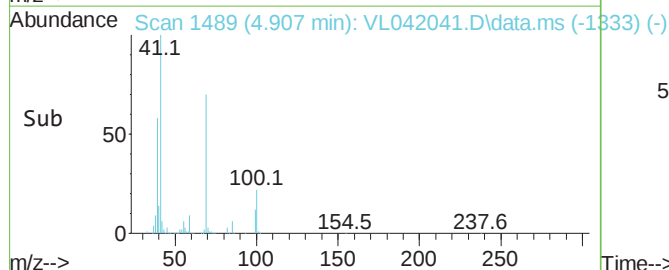
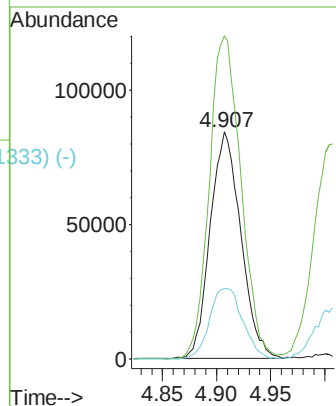
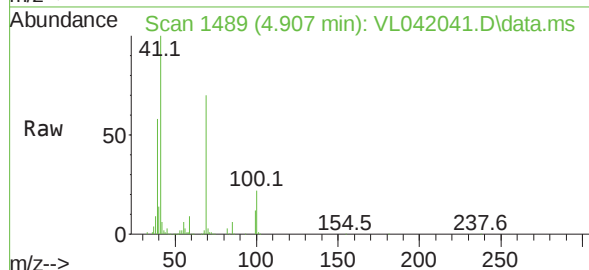
Tgt Ion: 69 Resp: 165494

Ion Ratio Lower Upper

69 100

41 147.8 114.9 172.3

100 33.7 28.8 43.2



2,2,4-Trimethylpentane

Concen: 8.122 ppbv

RT: 4.661 min Scan# 1413

Delta R.T. -0.003 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

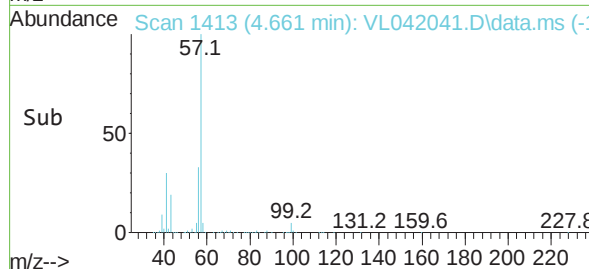
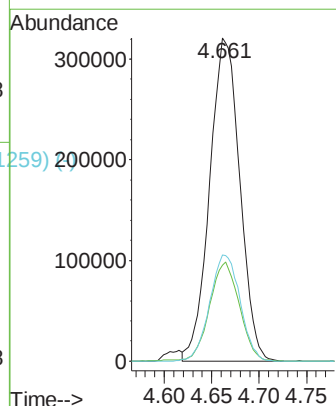
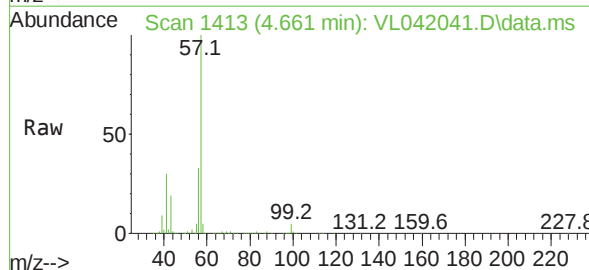
Tgt Ion: 57 Resp: 705920

Ion Ratio Lower Upper

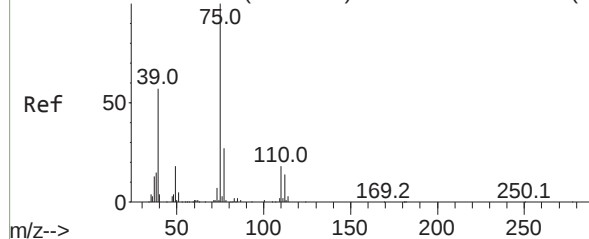
57 100

41 30.5 25.9 38.9

56 33.1 24.9 37.3



Abundance Scan 1950 (6.399 min): VL042015.D\data.ms (-1935)



t-1,3-Dichloropropene

Concen: 7.544 ppbv

RT: 6.444 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

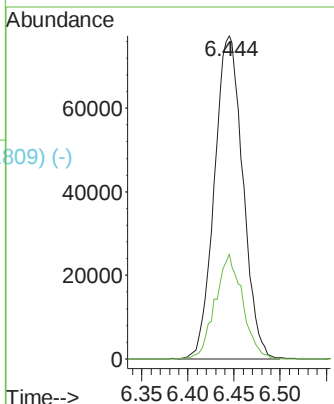
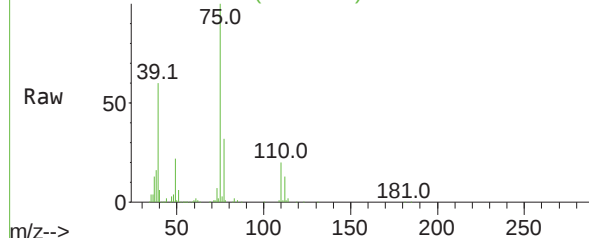
Tgt Ion: 75 Resp: 166207

Ion Ratio Lower Upper

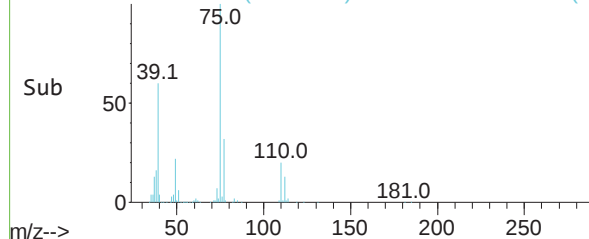
75 100

77 32.4 22.1 33.1

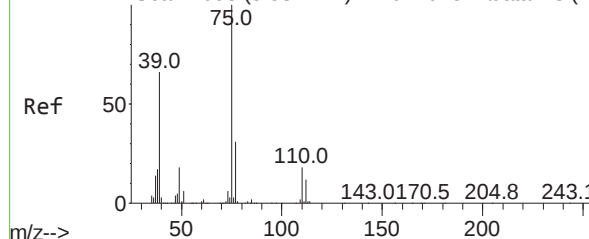
Abundance Scan 1964 (6.444 min): VL042041.D\data.ms



Abundance Scan 1964 (6.444 min): VL042041.D\data.ms (-1809) (-)



Abundance Scan 1698 (5.584 min): VL042015.D\data.ms (-1682)



cis-1,3-Dichloropropene

Concen: 7.809 ppbv

RT: 5.629 min Scan# 1712

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Tgt Ion: 75 Resp: 218294

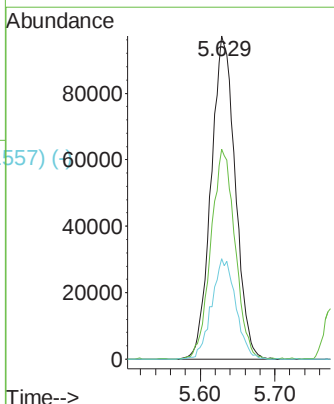
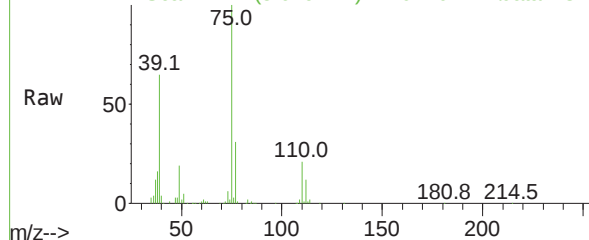
Ion Ratio Lower Upper

75 100

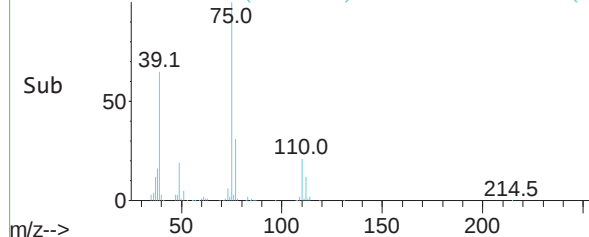
39 64.9 52.2 78.4

77 31.1 24.5 36.7

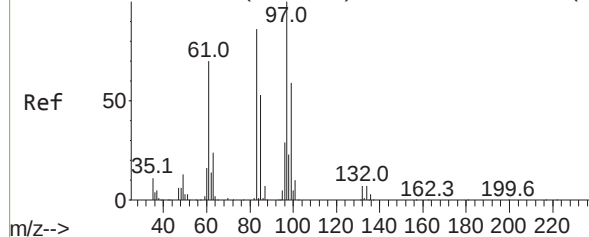
Abundance Scan 1712 (5.629 min): VL042041.D\data.ms



Abundance Scan 1712 (5.629 min): VL042041.D\data.ms (-1557) (-)



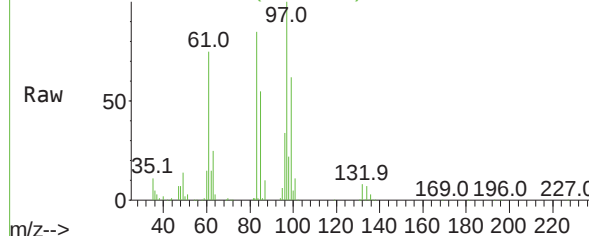
Abundance Scan 2001 (6.565 min): VL042015.D\data.ms (-1985)



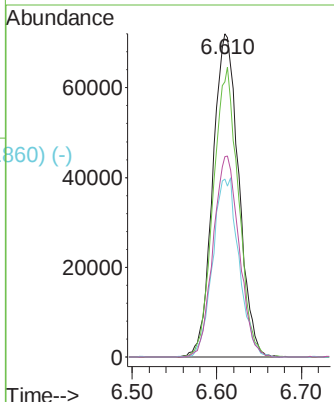
1,1,2-Trichloroethane
Concen: 7.723 ppbv
RT: 6.610 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

Instrument :
MSVOA_1
Client Sample Id :
VSTDICCC010

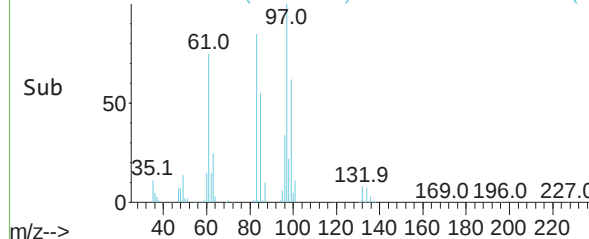
Abundance Scan 2015 (6.610 min): VL042041.D\data.ms



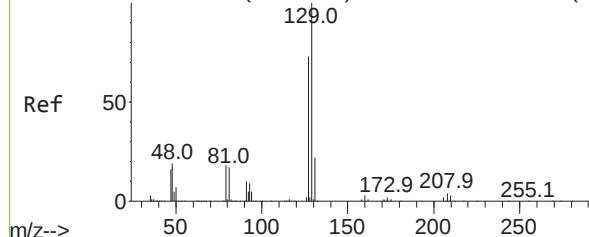
Tgt Ion:	97	Resp:	152556
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.6	102.8
85	55.0	42.2	63.4
99	61.9	46.7	70.1



Abundance Scan 2015 (6.610 min): VL042041.D\data.ms (-1860) (-)



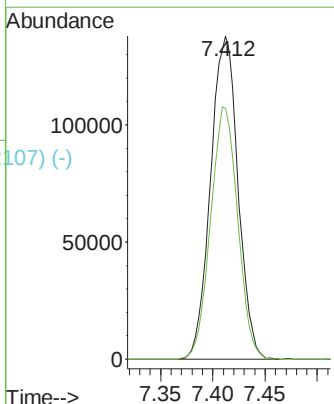
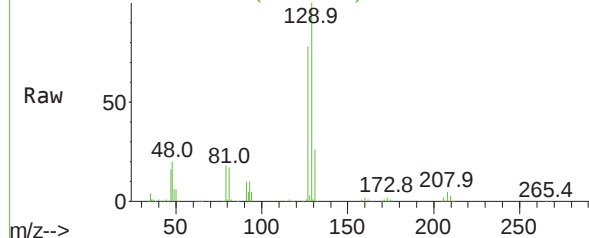
Abundance Scan 2250 (7.370 min): VL042015.D\data.ms (-2237)



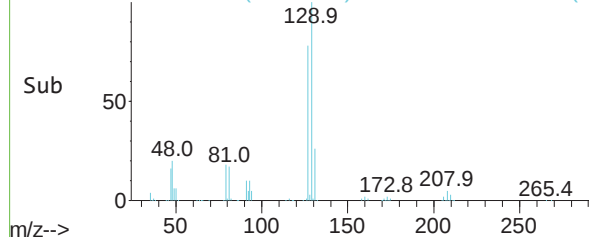
Dibromochloromethane
Concen: 7.593 ppbv
RT: 7.412 min Scan# 2263
Delta R.T. 0.004 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

Tgt Ion:	129	Resp:	251213
Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.2	114.6

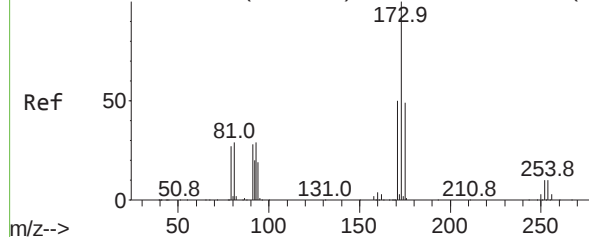
Abundance Scan 2263 (7.412 min): VL042041.D\data.ms



Abundance Scan 2263 (7.412 min): VL042041.D\data.ms (-2107) (-)



Abundance Scan 2899 (9.471 min): VL042015.D\data.ms (-28871)

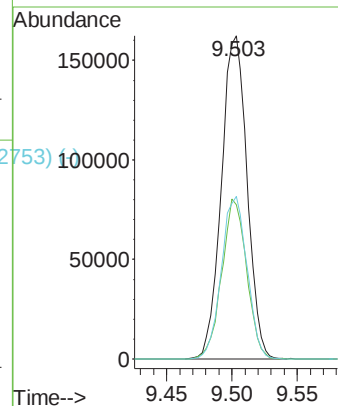
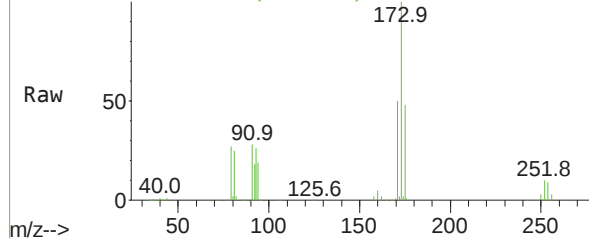


Bromoform
Concen: 8.183 ppbv
RT: 9.503 min Scan# 173
Delta R.T. 0.004 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

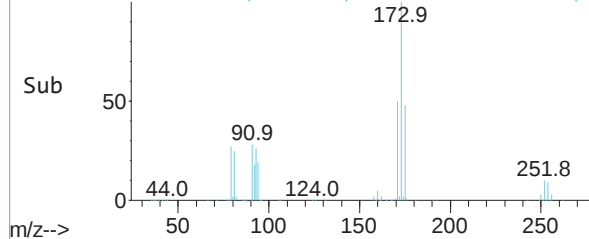
Instrument :
MSVOA_1
Client Sample Id :
VSTDICCC010

Tgt Ion:	173	Resp:	222057
Ion	Ratio	Lower	Upper
173	100		
175	47.9	39.3	58.9
171	50.2	41.4	62.2

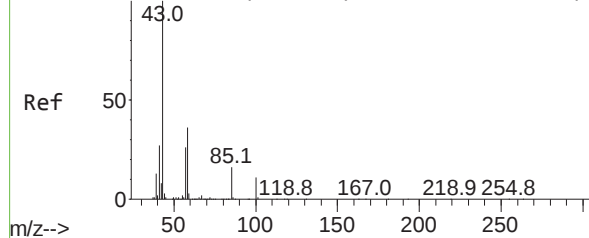
Abundance Scan 2909 (9.503 min): VL042041.D\data.ms



Abundance Scan 2909 (9.503 min): VL042041.D\data.ms (-2753)



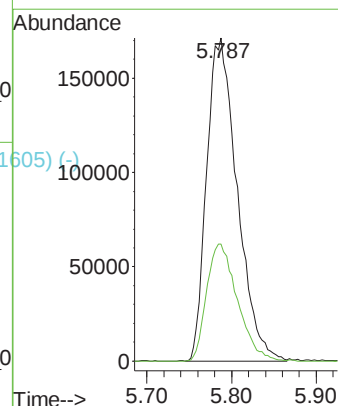
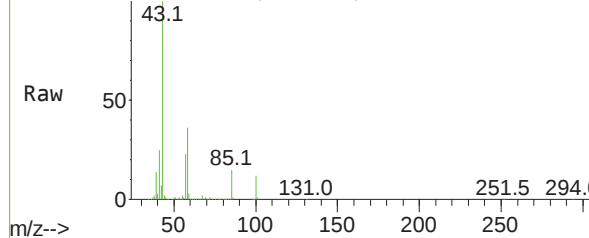
Abundance Scan 1743 (5.729 min): VL042015.D\data.ms (-17350)



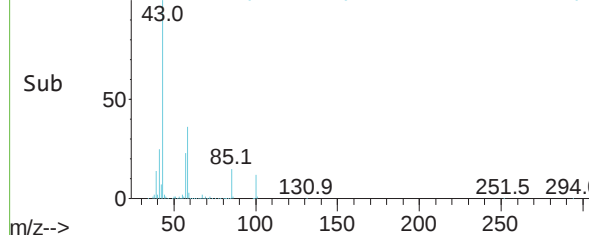
4-Methyl-2-Pentanone
Concen: 7.666 ppbv
RT: 5.787 min Scan# 1761
Delta R.T. 0.003 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

Tgt Ion:	43	Resp:	428434
Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.4	44.0

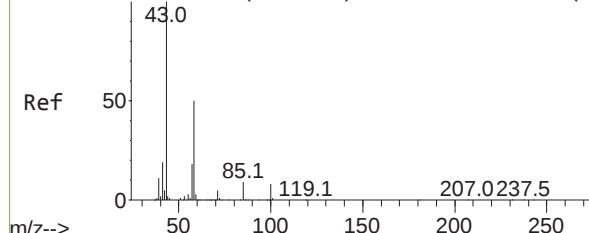
Abundance Scan 1761 (5.787 min): VL042041.D\data.ms



Abundance Scan 1761 (5.787 min): VL042041.D\data.ms (-1605)



Abundance Scan 2265 (7.419 min): VL042015.D\data.ms (-22551)

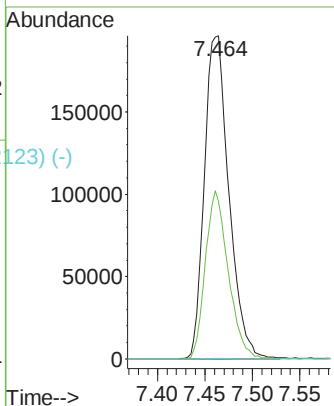
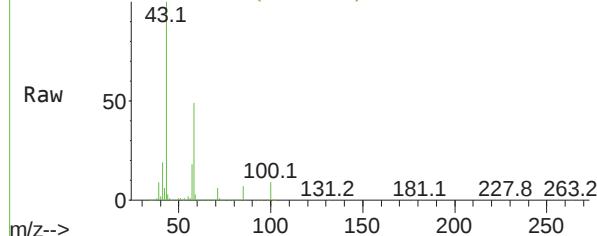


2-Hexanone
Concen: 7.709 ppbv
RT: 7.464 min Scan# 2265
Delta R.T. 0.004 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

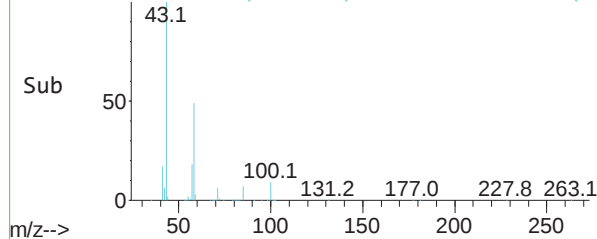
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 352331
Ion Ratio Lower Upper
43 100
58 48.8 41.4 62.0
98 0.1 0.0 0.0#

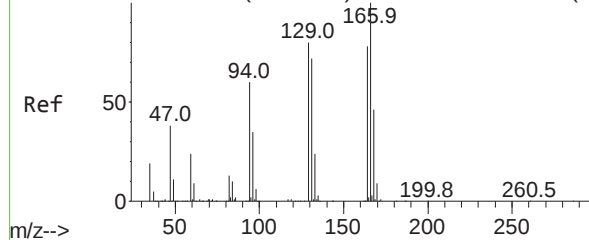
Abundance Scan 2279 (7.464 min): VL042041.D\data.ms



Abundance Scan 2279 (7.464 min): VL042041.D\data.ms (-2123) (-)



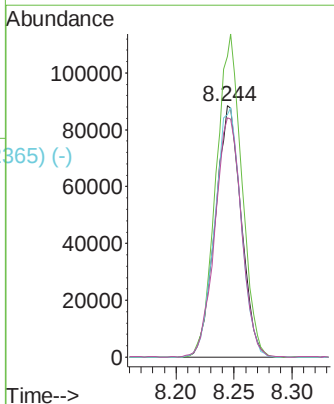
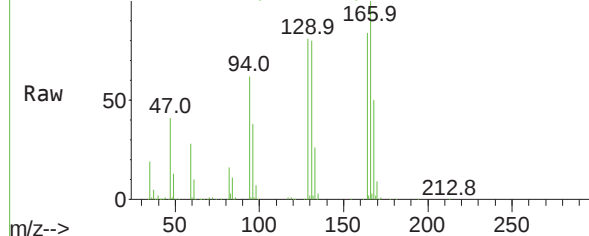
Abundance Scan 2510 (8.212 min): VL042015.D\data.ms (-24952)



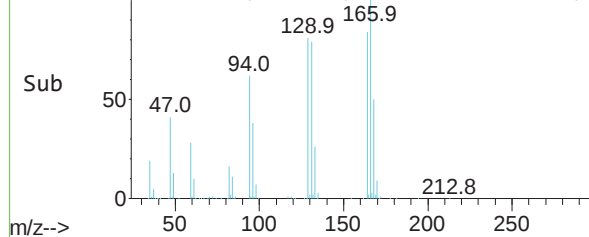
Tetrachloroethene
Concen: 7.743 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

Tgt Ion: 164 Resp: 138263
Ion Ratio Lower Upper
164 100
166 119.6 102.2 153.2
129 96.4 82.2 123.4
131 95.0 73.7 110.5

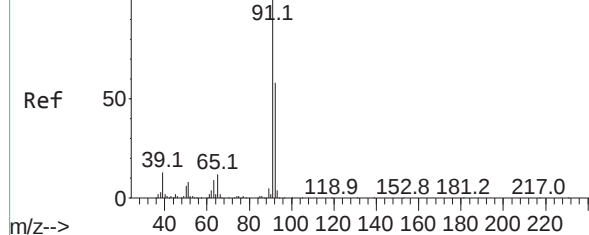
Abundance Scan 2520 (8.244 min): VL042041.D\data.ms



Abundance Scan 2520 (8.244 min): VL042041.D\data.ms (-2365) (-)



Abundance Scan 2110 (6.917 min): VL042015.D\data.ms (-20953)

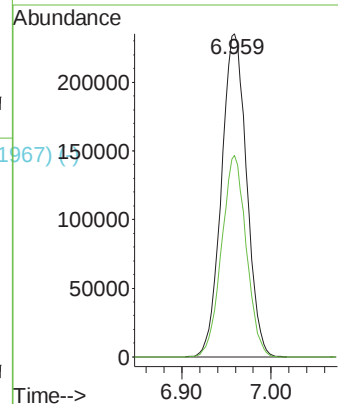
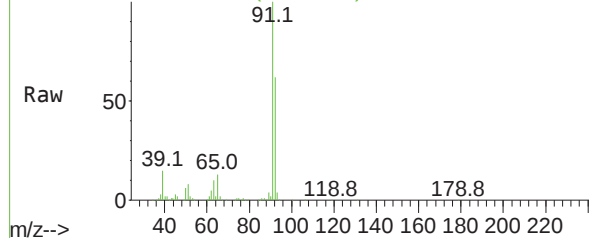


Toluene
Concen: 7.541 ppbv
RT: 6.959 min Scan# 2110
Delta R.T. 0.004 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

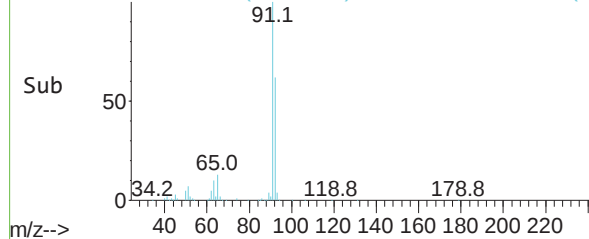
Instrument :
MSVOA_1
Client Sample Id :
VSTDICCC010

Tgt Ion: 91 Resp: 460041
Ion Ratio Lower Upper
91 100
92 61.3 47.5 71.3

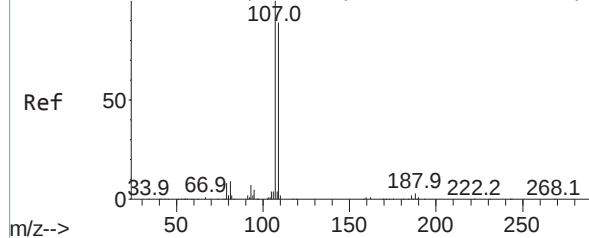
Abundance Scan 2123 (6.959 min): VL042041.D\data.ms



Abundance Scan 2123 (6.959 min): VL042041.D\data.ms (-196715)



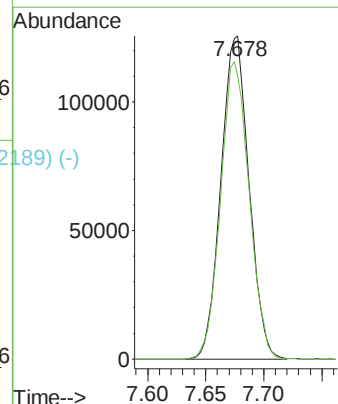
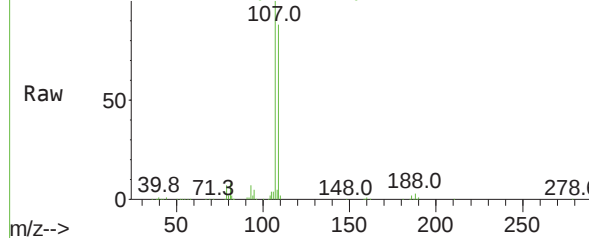
Abundance Scan 2333 (7.639 min): VL042015.D\data.ms (-23154)



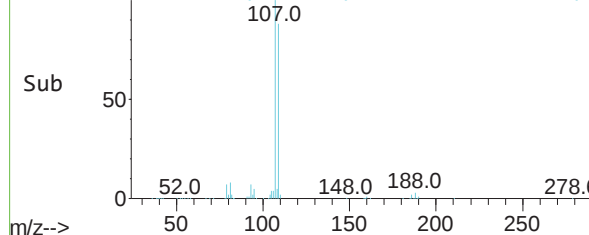
1,2-Dibromoethane
Concen: 7.772 ppbv
RT: 7.678 min Scan# 2345
Delta R.T. 0.003 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

Tgt Ion: 107 Resp: 211395
Ion Ratio Lower Upper
107 100
109 87.8 71.5 107.3

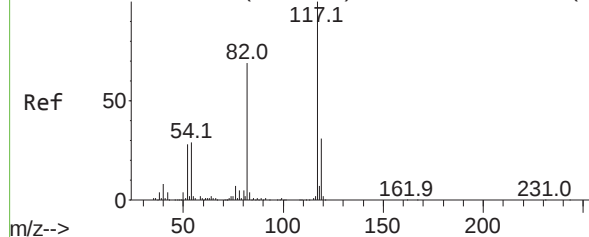
Abundance Scan 2345 (7.678 min): VL042041.D\data.ms



Abundance Scan 2345 (7.678 min): VL042041.D\data.ms (-21891)



Abundance Scan 2713 (8.869 min): VL042015.D\data.ms (-27051)

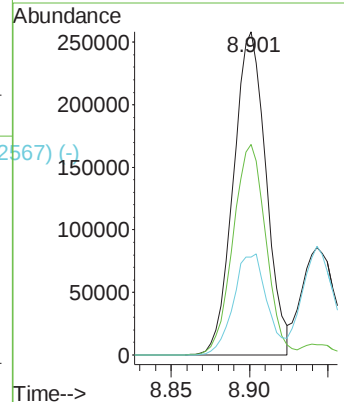
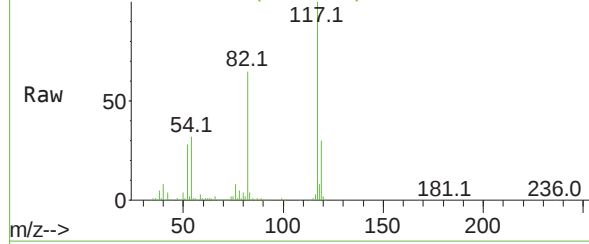


Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 2713
Delta R.T. 0.004 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

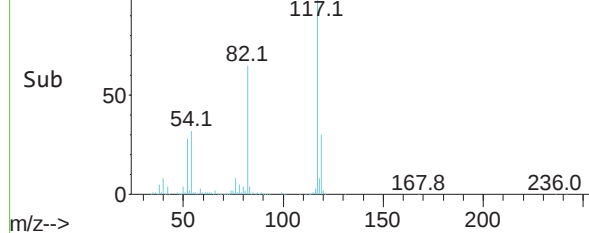
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion:	117	Resp:	374249
Ion	Ratio	Lower	Upper
117	100		
82	68.8	55.7	83.5
119	32.4	25.2	37.8

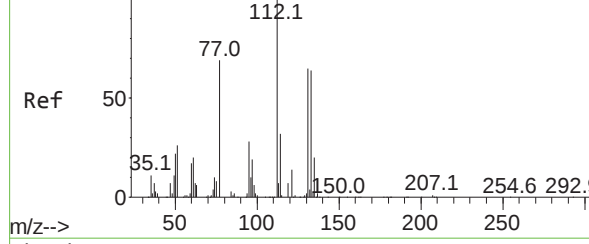
Abundance Scan 2723 (8.901 min): VL042041.D\data.ms



Abundance Scan 2723 (8.901 min): VL042041.D\data.ms (-2567) (-)



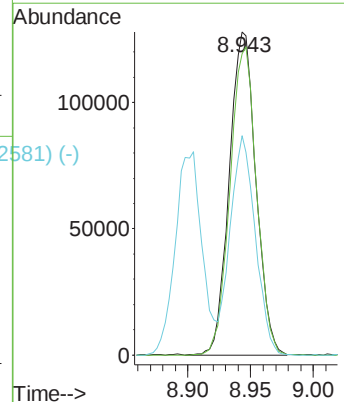
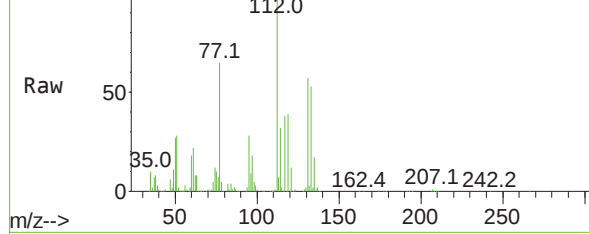
Abundance Scan 2727 (8.914 min): VL042015.D\data.ms (-27051)



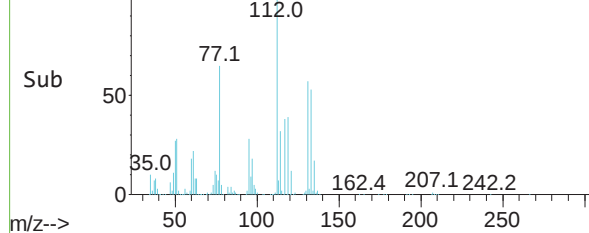
1,1,1,2-Tetrachloroethane
Concen: 7.049 ppbv
RT: 8.943 min Scan# 2736
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

Tgt Ion:	131	Resp:	188811
Ion	Ratio	Lower	Upper
131	100		
133	94.8	77.8	116.8
119	65.1	49.1	73.7

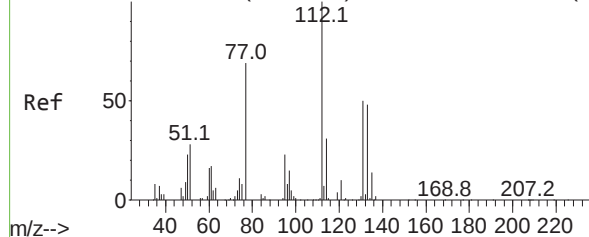
Abundance Scan 2736 (8.943 min): VL042041.D\data.ms



Abundance Scan 2736 (8.943 min): VL042041.D\data.ms (-2581) (-)



Abundance Scan 2725 (8.908 min): VL042015.D\data.ms (-27157)



Chlorobenzene

Concen: 7.735 ppbv

RT: 8.940 min Scan# 2735

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

Tgt Ion:112 Resp: 340525

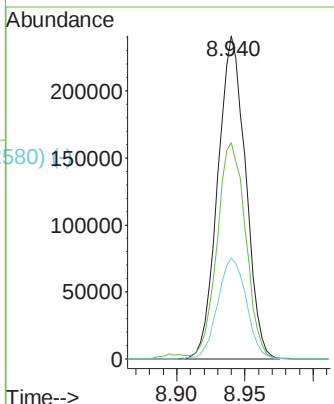
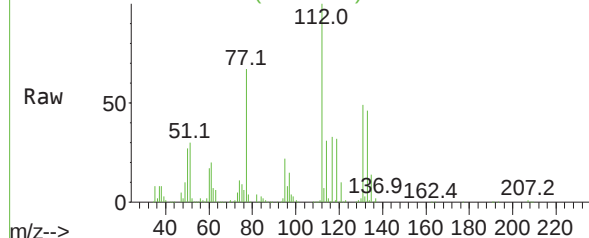
Ion Ratio Lower Upper

112 100

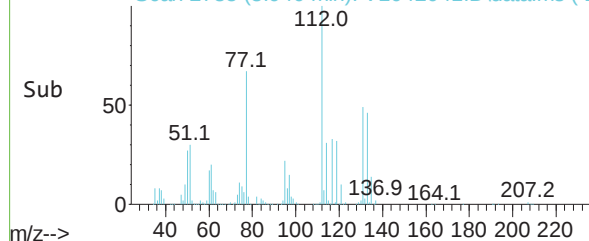
77 66.8 56.2 84.2

114 31.4 28.2 34.4

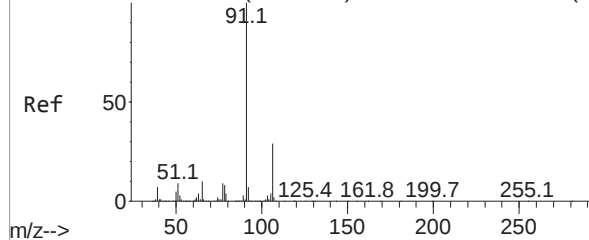
Abundance Scan 2735 (8.940 min): VL042041.D\data.ms



Abundance Scan 2735 (8.940 min): VL042041.D\data.ms (-2580)



Abundance Scan 2859 (9.342 min): VL042015.D\data.ms (-28458)



Ethyl Benzene

Concen: 7.739 ppbv

RT: 9.374 min Scan# 2869

Delta R.T. 0.004 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

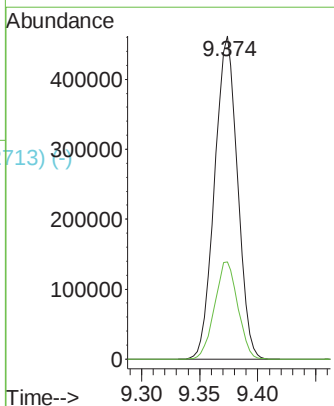
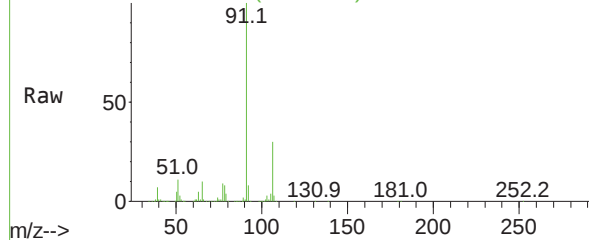
Tgt Ion: 91 Resp: 633939

Ion Ratio Lower Upper

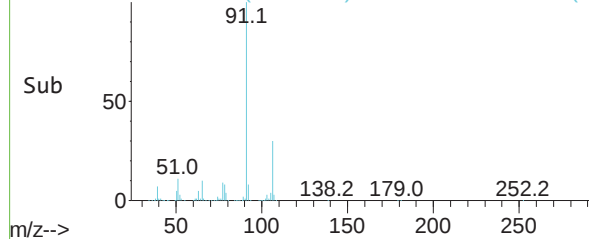
91 100

106 30.2 23.1 34.7

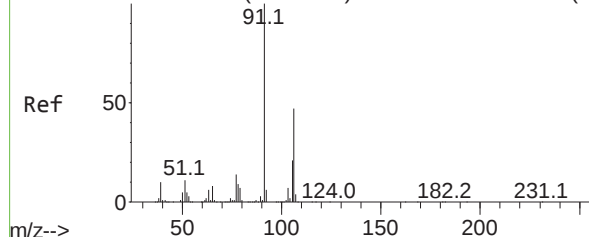
Abundance Scan 2869 (9.374 min): VL042041.D\data.ms



Abundance Scan 2869 (9.374 min): VL042041.D\data.ms (-2713)



Abundance Scan 2920 (9.539 min): VL042015.D\data.ms (-29059)

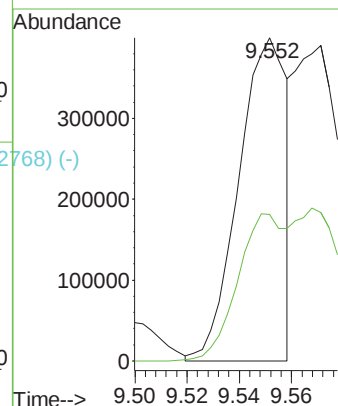
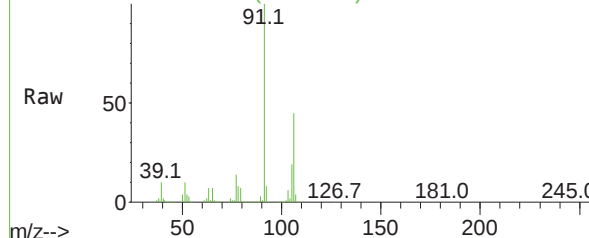


m/p-Xylene
Concen: 7.827 ppbv
RT: 9.552 min Scan# 3057
Delta R.T. 0.004 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

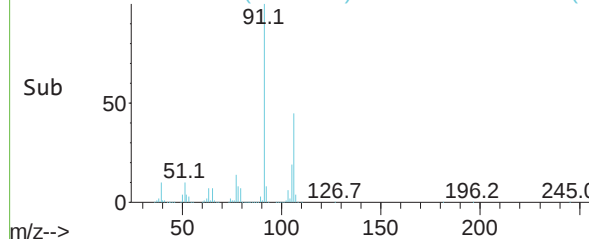
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 504964
Ion Ratio Lower Upper
91 100
106 0.0 35.8 53.8#

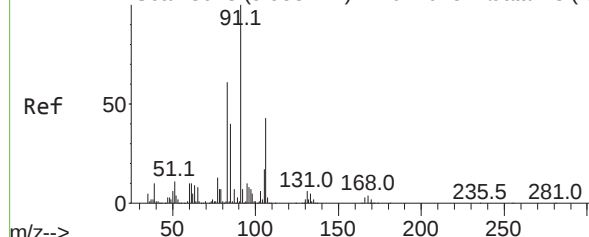
Abundance Scan 2924 (9.552 min): VL042041.D\data.ms



Abundance Scan 2924 (9.552 min): VL042041.D\data.ms (-2768) (-)



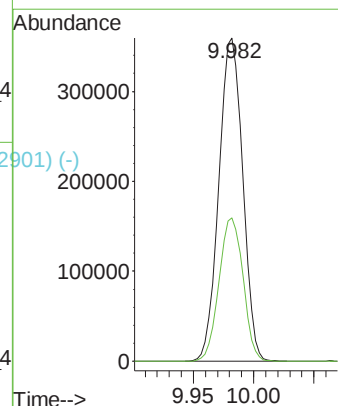
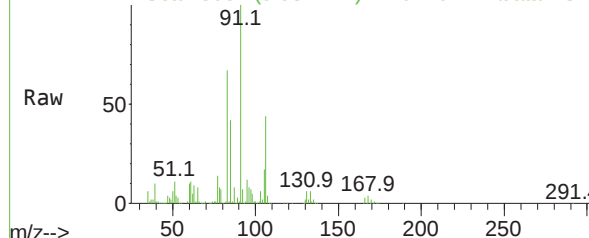
Abundance Scan 3048 (9.953 min): VL042015.D\data.ms (-30359)



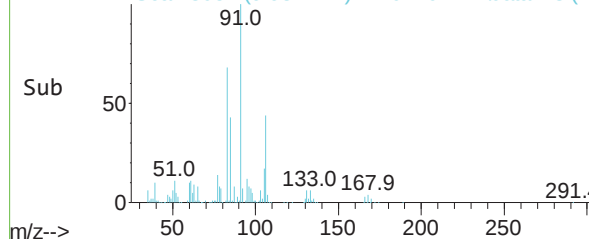
o-Xylene
Concen: 7.557 ppbv
RT: 9.982 min Scan# 3057
Delta R.T. 0.004 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

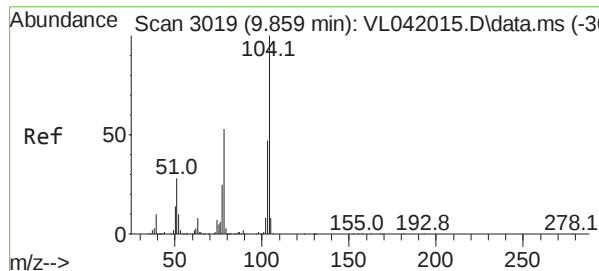
Tgt Ion: 91 Resp: 493069
Ion Ratio Lower Upper
91 100
106 44.5 21.4 64.3

Abundance Scan 3057 (9.982 min): VL042041.D\data.ms



Abundance Scan 3057 (9.982 min): VL042041.D\data.ms (-2901) (-)





Styrene

Concen: 7.912 ppbv

RT: 9.888 min Scan# 3228

Delta R.T. 0.004 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

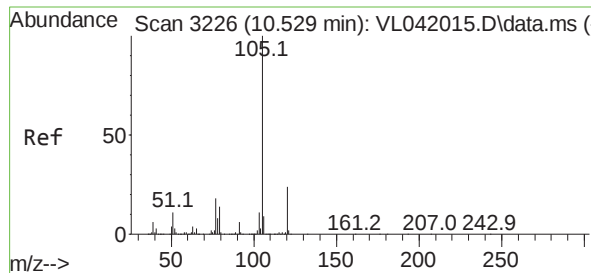
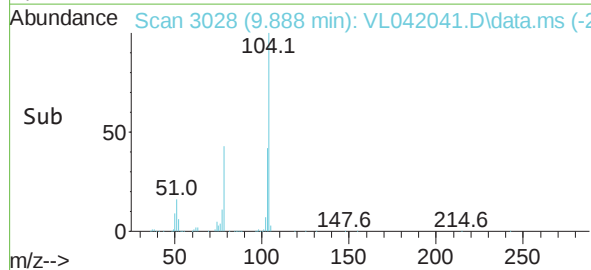
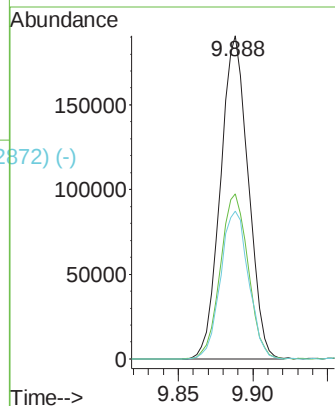
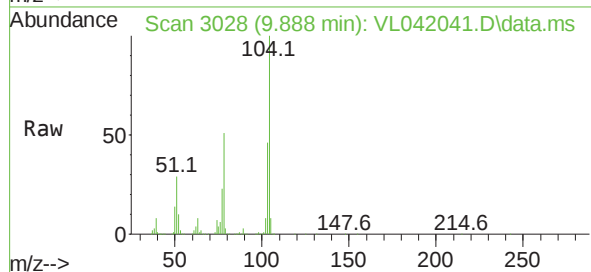
Tgt Ion:104 Resp: 246161

Ion Ratio Lower Upper

104 100

78 51.2 42.2 63.4

103 46.3 38.1 57.1



Isopropylbenzene

Concen: 7.522 ppbv

RT: 10.555 min Scan# 3234

Delta R.T. 0.000 min

Lab File: VL042041.D

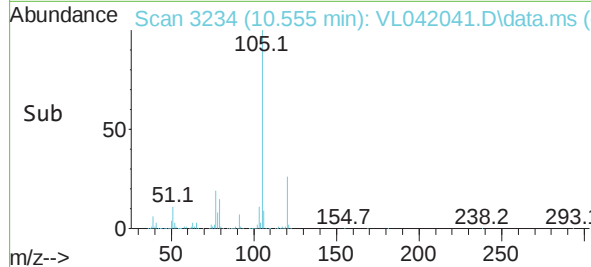
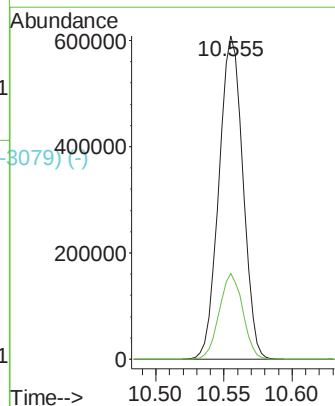
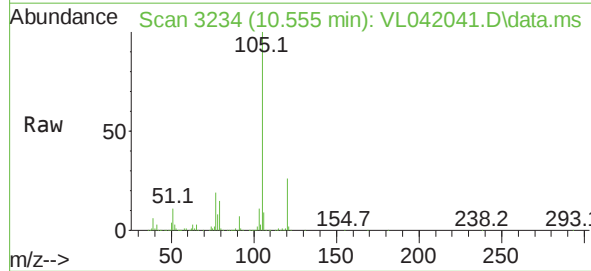
Acq: 25 Feb 2025 08:56

Tgt Ion:105 Resp: 736884

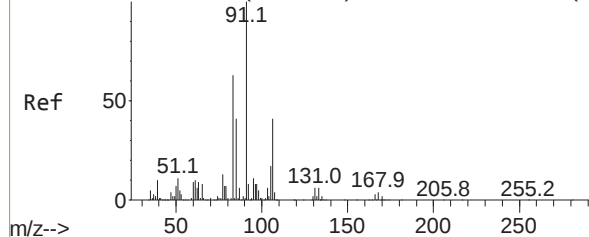
Ion Ratio Lower Upper

105 100

120 25.9 19.8 29.8



Abundance Scan 3047 (9.950 min): VL042015.D\data.ms (-30361)

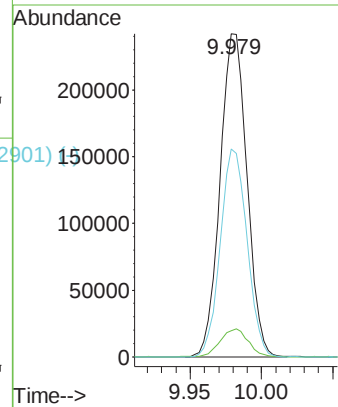
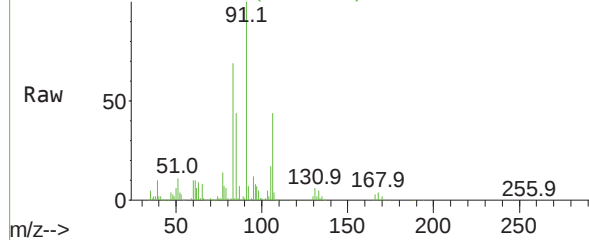


1,1,2,2-Tetrachloroethane
Concen: 7.538 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

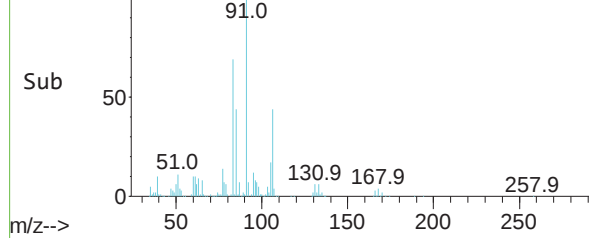
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion:	83	Resp:	317313
Ion	Ratio	Lower	Upper
83	100		
131	9.1	5.0	15.0
85	64.2	32.1	96.3

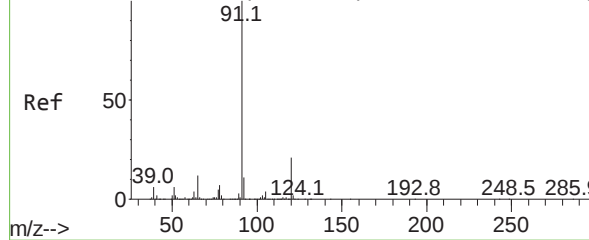
Abundance Scan 3056 (9.979 min): VL042041.D\data.ms



Abundance Scan 3056 (9.979 min): VL042041.D\data.ms (-2901)



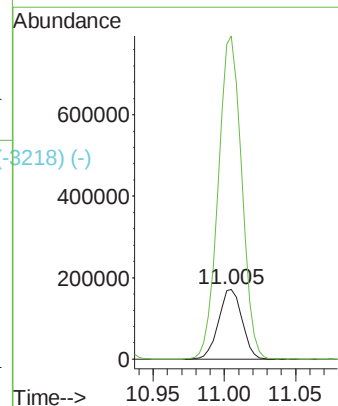
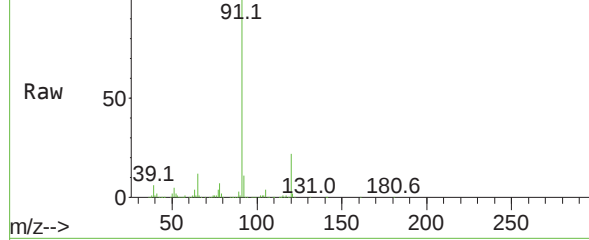
Abundance Scan 3365 (10.979 min): VL042015.D\data.ms (-3364)



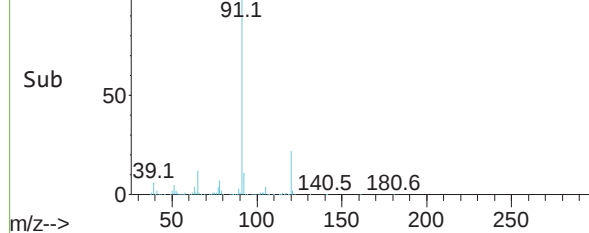
n-propylbenzene
Concen: 8.145 ppbv
RT: 11.005 min Scan# 3373
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

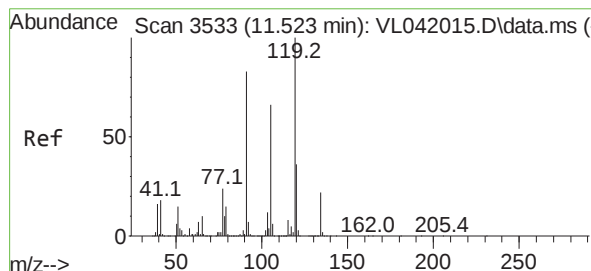
Tgt Ion:	120	Resp:	196044
Ion	Ratio	Lower	Upper
120	100		
91	463.3	392.2	588.2

Abundance Scan 3373 (11.005 min): VL042041.D\data.ms



Abundance Scan 3373 (11.005 min): VL042041.D\data.ms (-3218)

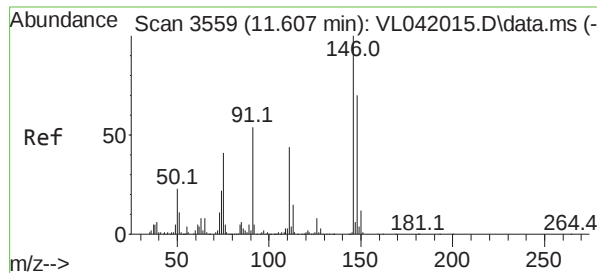
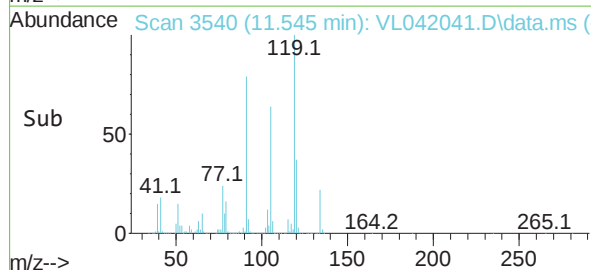
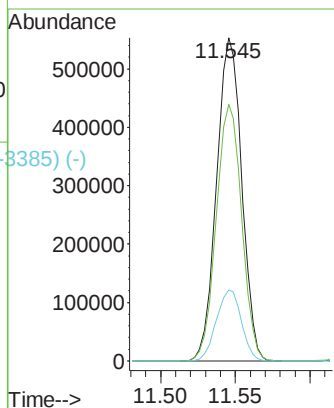
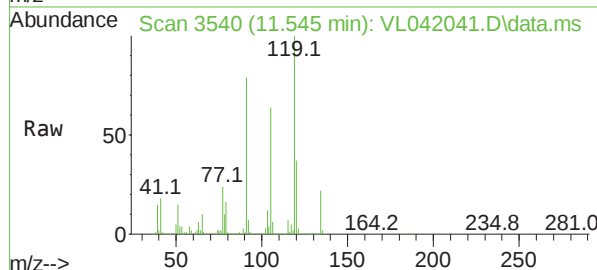




tert-Butylbenzene
 Concen: 7.596 ppbv
 RT: 11.545 min Scan# 3535
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

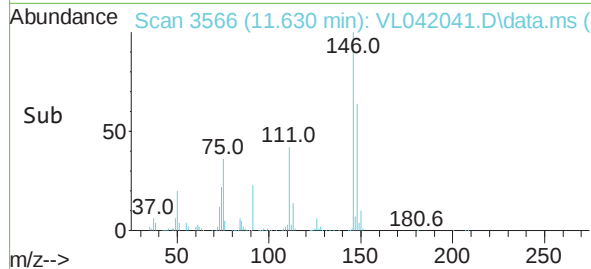
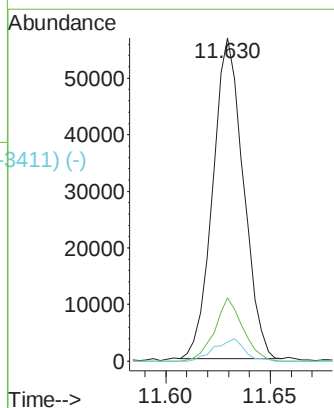
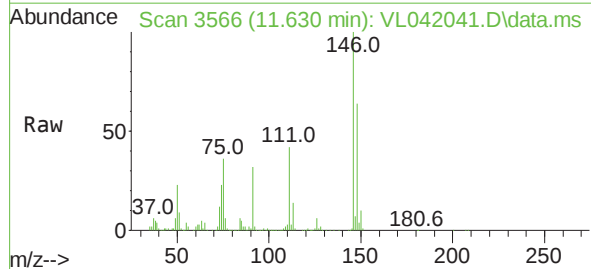
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

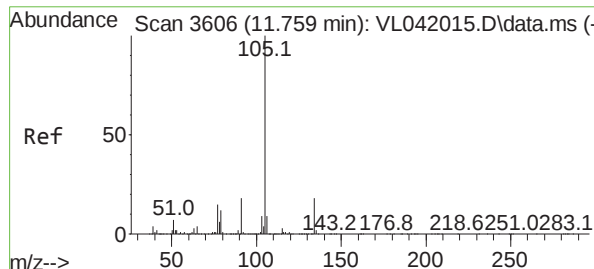
Tgt Ion:	119	Resp:	648698
Ion	Ratio	Lower	Upper
119	100		
91	80.2	66.5	99.7
134	21.8	16.6	24.8



Benzyl Chloride
 Concen: 6.699 ppbv
 RT: 11.630 min Scan# 3566
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

Tgt Ion:	91	Resp:	57345
Ion	Ratio	Lower	Upper
91	100		
126	18.1	13.8	20.6
128	6.8	4.1	6.1#

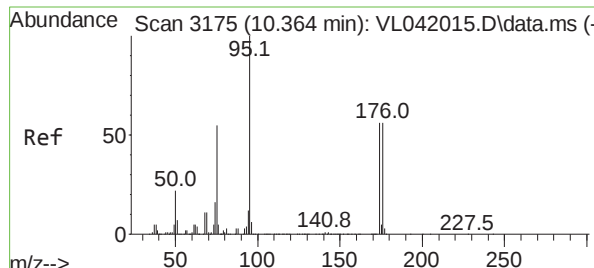
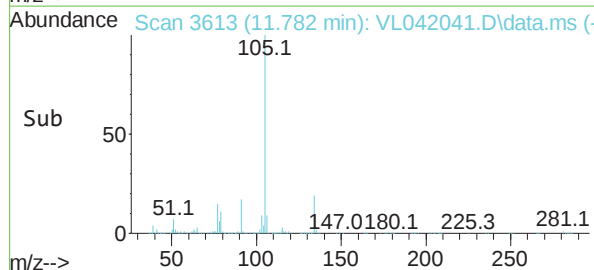
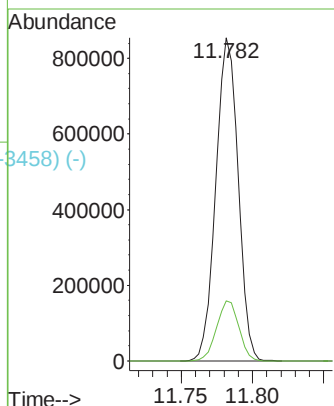
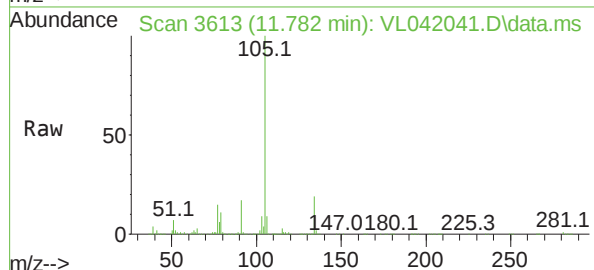




sec-Butylbenzene
 Concen: 7.744 ppbv
 RT: 11.782 min Scan# 3613
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

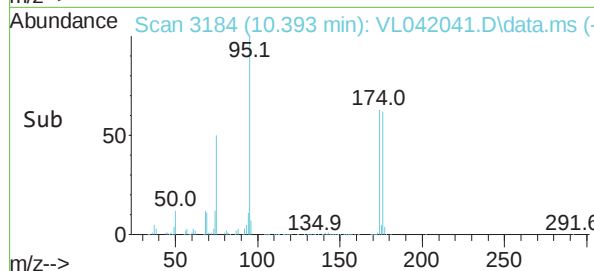
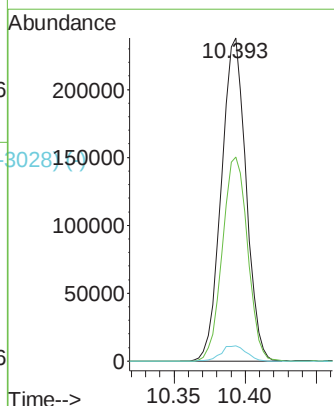
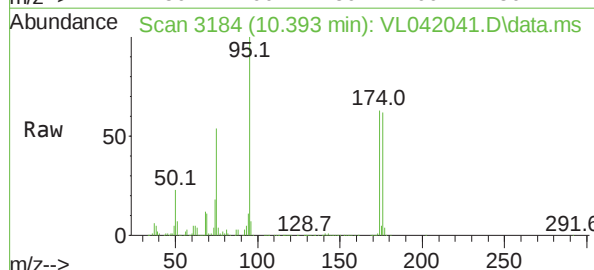
Instrument :
 MSVOA_1
 Client Sample Id :
 VSTDICCC010

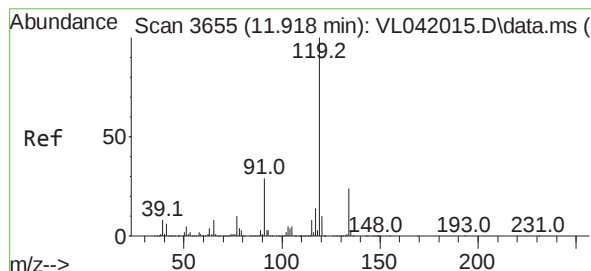
Tgt Ion: 105 Resp: 928863
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.7 22.1



1-Bromo-4-Fluorobenzene
 Concen: 9.263 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. 0.003 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

Tgt Ion: 95 Resp: 285943
 Ion Ratio Lower Upper
 95 100
 174 64.7 46.7 70.1
 175 4.9 3.7 5.5

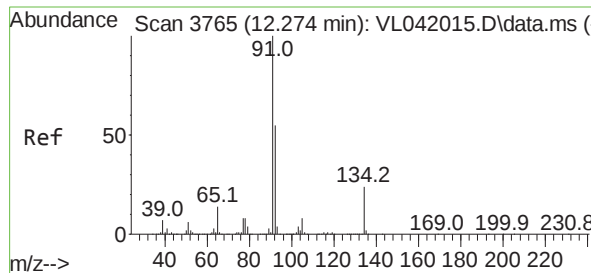
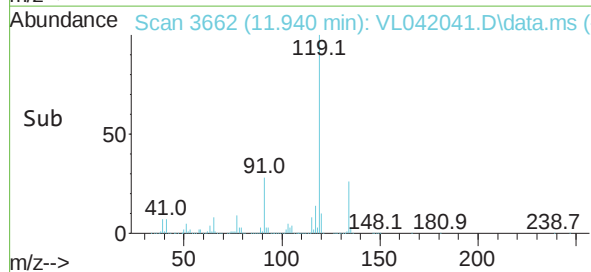
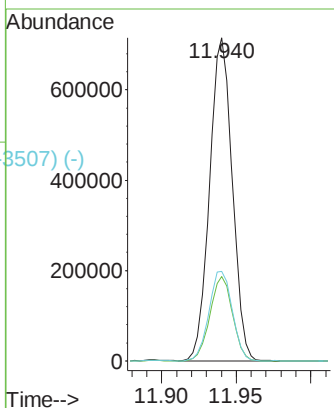
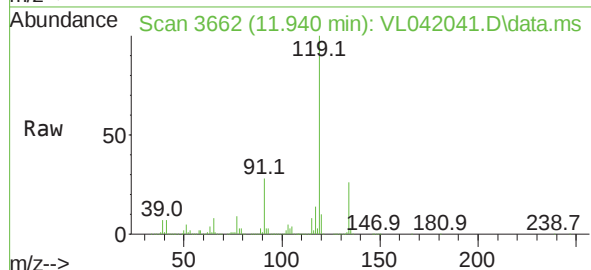




Scan 3655 (11.918 min): VL042015.D\data.ms (-3655) (-)
 p-Isopropyltoluene
 Concen: 7.702 ppbv
 RT: 11.940 min Scan# 3662
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

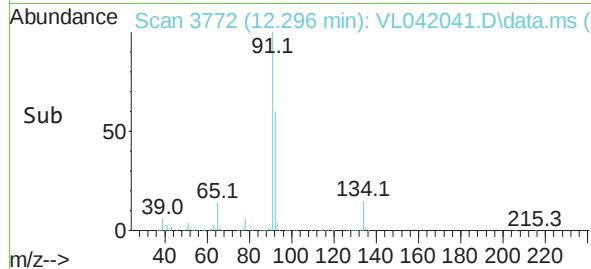
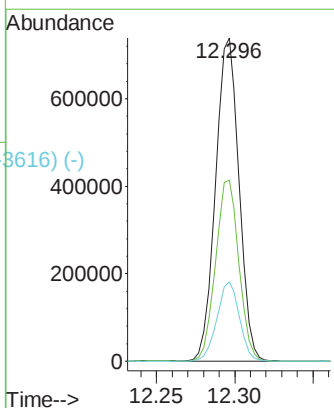
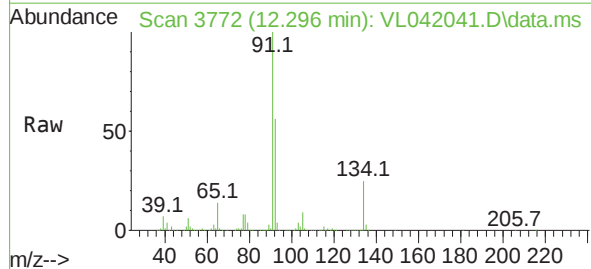
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

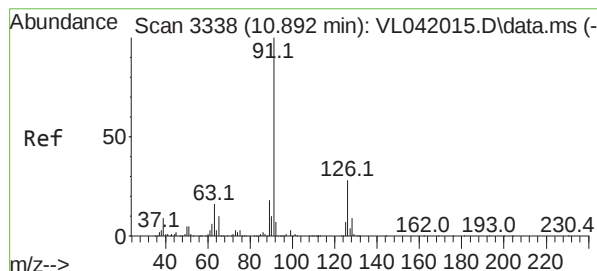
Tgt Ion:	119	Resp:	756264
Ion	Ratio	Lower	Upper
119	100		
134	26.1	19.4	29.0
91	28.9	23.4	35.2



Scan 3765 (12.274 min): VL042015.D\data.ms (-3770) (-)
 n-Butylbenzene
 Concen: 8.009 ppbv
 RT: 12.296 min Scan# 3772
 Delta R.T. 0.004 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

Tgt Ion:	91	Resp:	774646
Ion	Ratio	Lower	Upper
91	100		
92	55.9	43.8	65.8
134	23.6	18.6	27.8

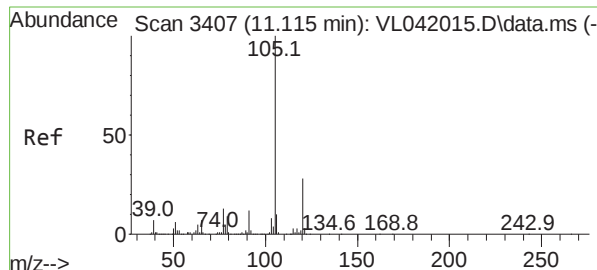
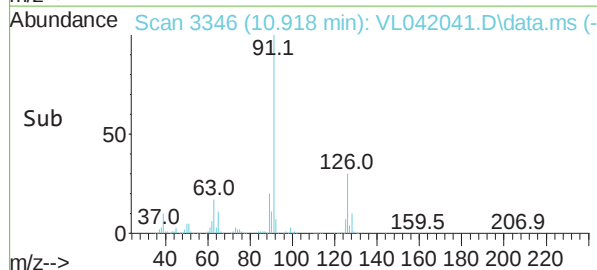
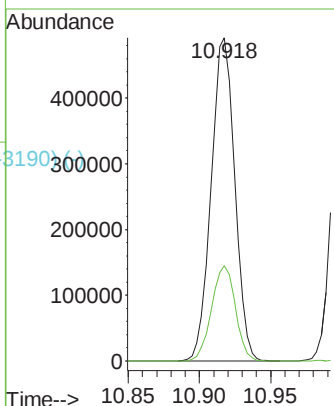
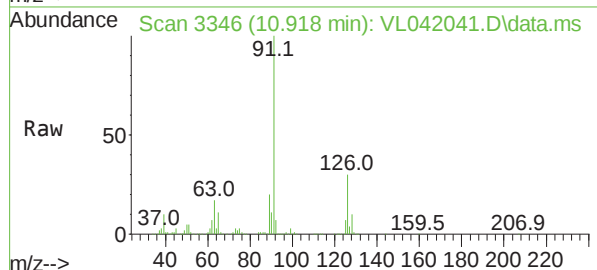




2-Chlorotoluene
 Concen: 7.681 ppbv
 RT: 10.918 min Scan# 3346
 Delta R.T. 0.003 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

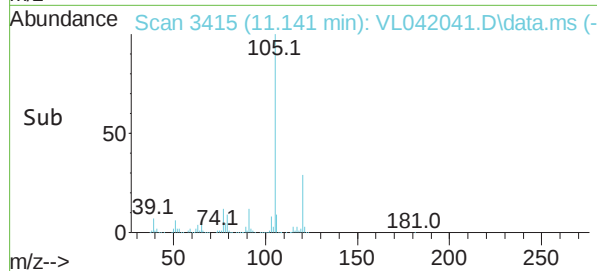
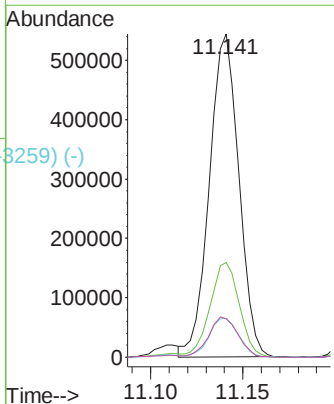
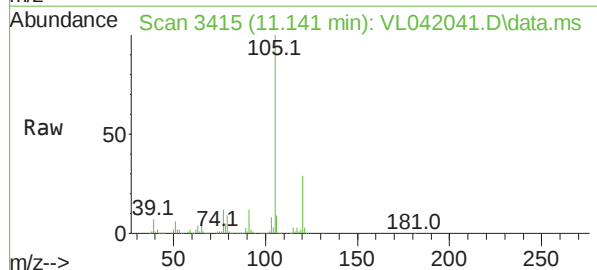
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

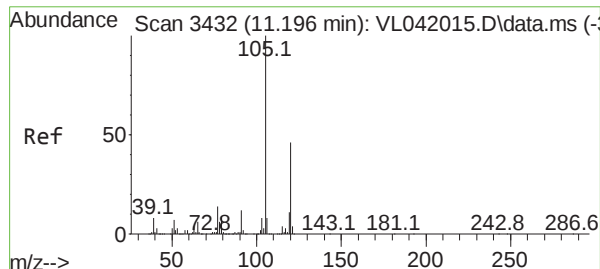
Tgt Ion: 91 Resp: 566619
 Ion Ratio Lower Upper
 91 100
 126 29.7 11.2 45.0



4-Ethyltoluene
 Concen: 7.934 ppbv
 RT: 11.141 min Scan# 3415
 Delta R.T. 0.004 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

Tgt Ion: 105 Resp: 606538
 Ion Ratio Lower Upper
 105 100
 120 30.1 22.7 34.1
 91 12.8 10.2 15.2
 77 13.0 11.0 16.4

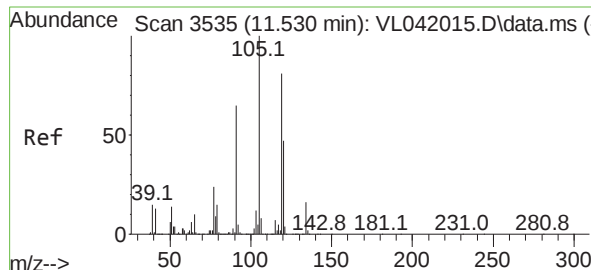
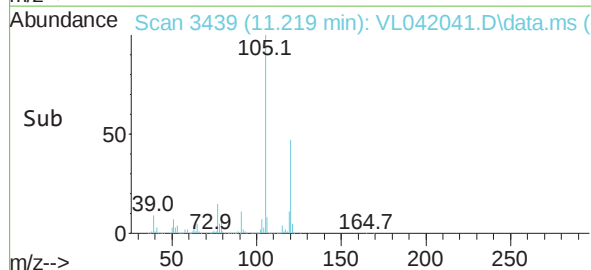
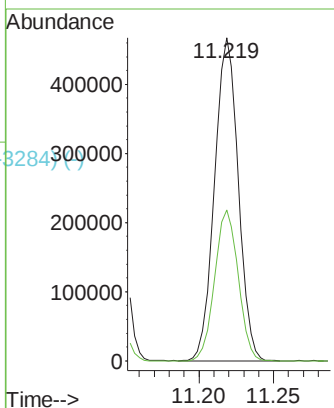
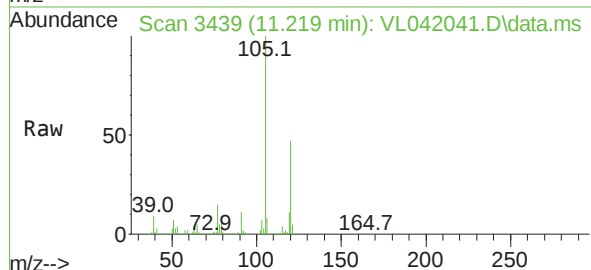




1,3,5-Trimethylbenzene
 Concen: 7.838 ppbv
 RT: 11.219 min Scan# 3439
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

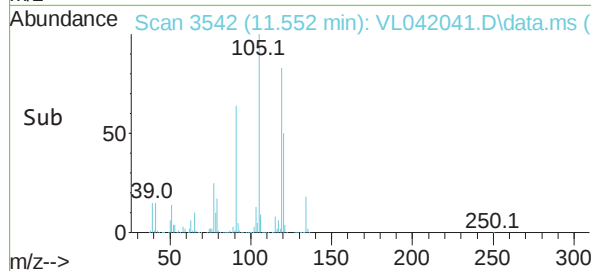
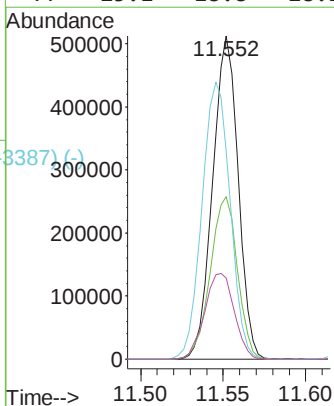
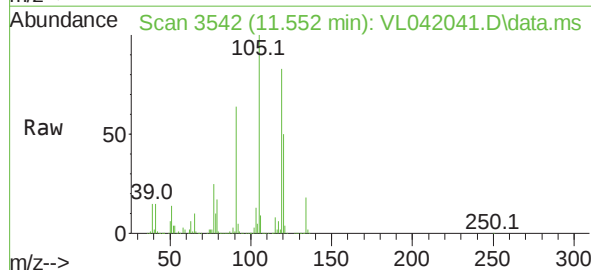
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

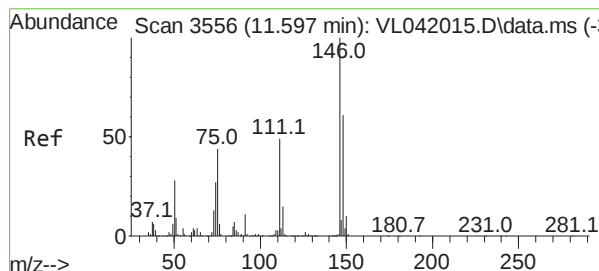
Tgt Ion:105 Resp: 516875
 Ion Ratio Lower Upper
 105 100
 120 46.7 37.1 55.7



1,2,4-Trimethylbenzene
 Concen: 7.777 ppbv
 RT: 11.552 min Scan# 3542
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

Tgt Ion:105 Resp: 550412
 Ion Ratio Lower Upper
 105 100
 120 50.2 37.5 56.3
 91 64.3 51.7 77.5
 77 25.1 18.8 28.2

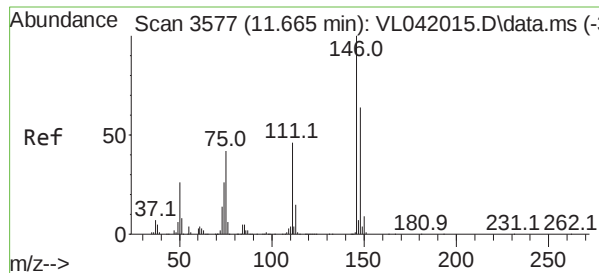
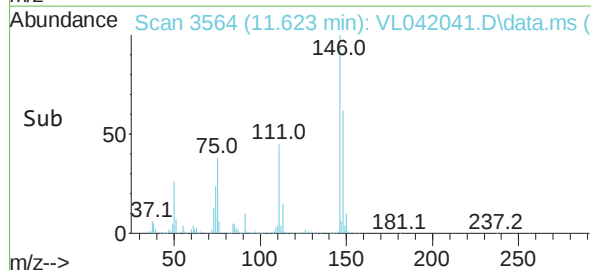
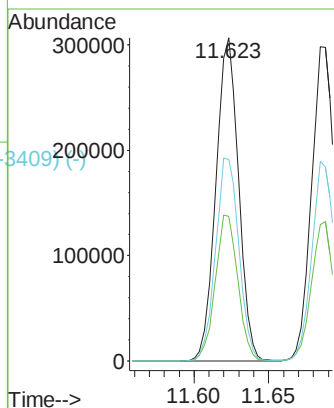
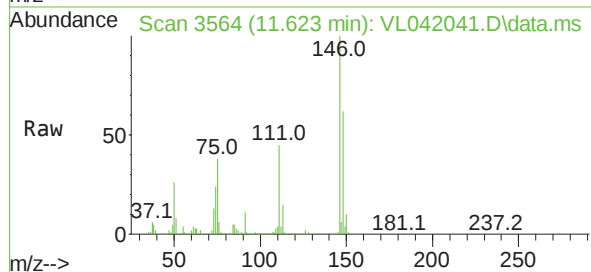




1,3-Dichlorobenzene
 Concen: 8.535 ppbv
 RT: 11.623 min Scan# 3556
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

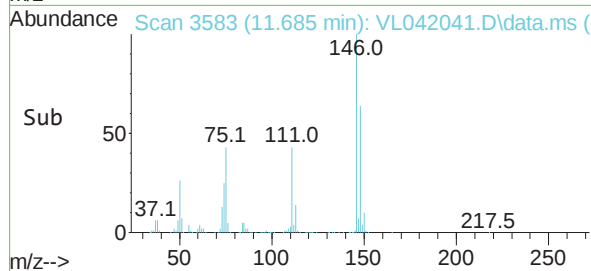
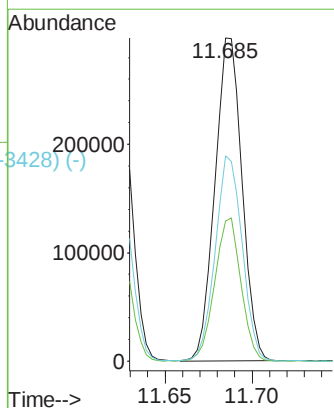
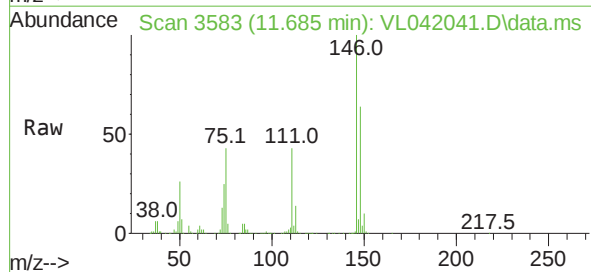
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

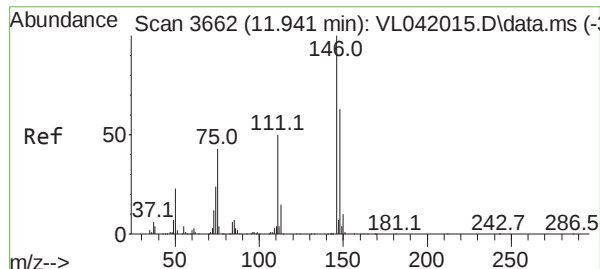
Tgt Ion:146 Resp: 325160
 Ion Ratio Lower Upper
 146 100
 111 44.8 23.9 71.7
 148 64.5 31.5 94.5



1,4-Dichlorobenzene
 Concen: 8.678 ppbv
 RT: 11.685 min Scan# 3583
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

Tgt Ion:146 Resp: 322404
 Ion Ratio Lower Upper
 146 100
 111 43.0 23.5 70.5
 148 63.3 32.3 96.9

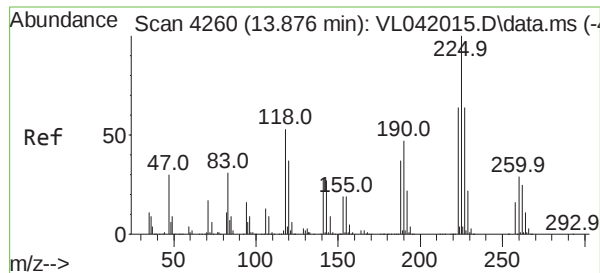
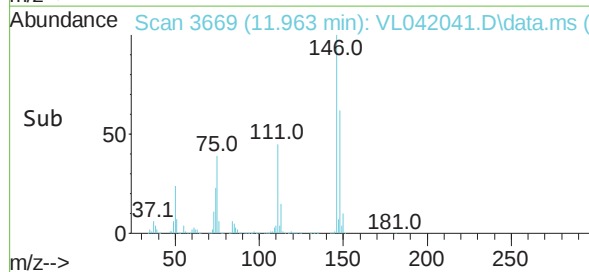
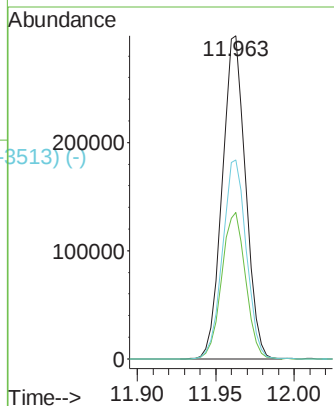
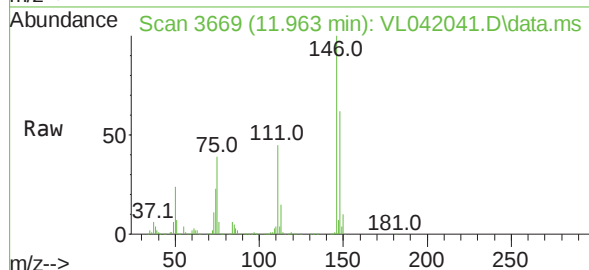




1,2-Dichlorobenzene
 Concen: 8.593 ppbv
 RT: 11.963 min Scan# 3669
 Delta R.T. 0.003 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

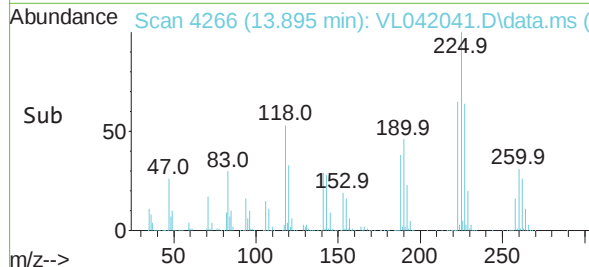
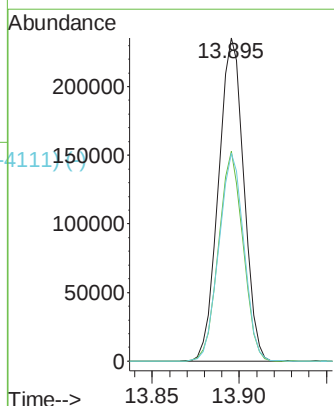
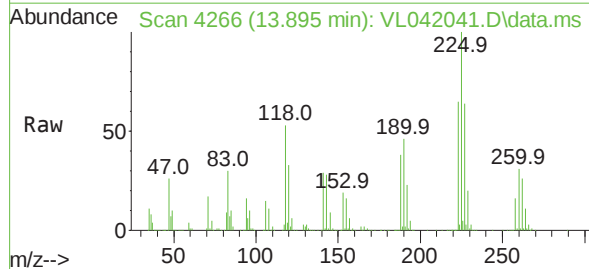
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

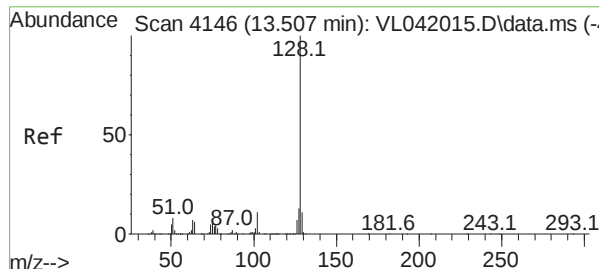
Tgt Ion:	146	Resp:	312942
Ion	Ratio	Lower	Upper
146	100		
111	46.4	25.6	76.8
148	62.8	31.9	95.7



Hexachloro-1,3-Butadiene
 Concen: 7.907 ppbv
 RT: 13.895 min Scan# 4266
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

Tgt Ion:	225	Resp:	238217
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	75.8
227	63.5	50.9	76.3

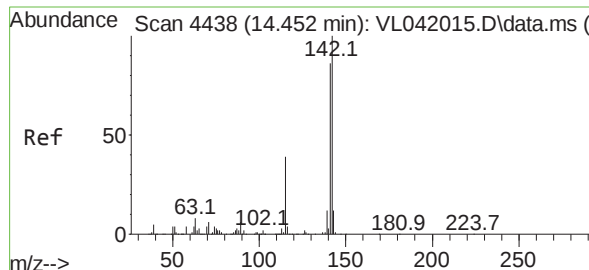
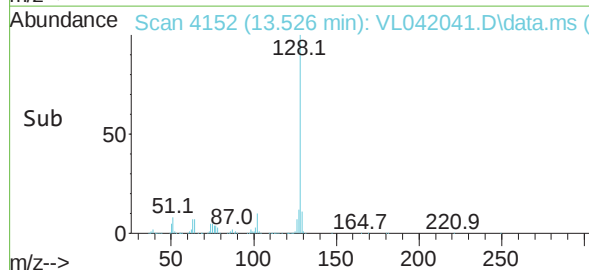
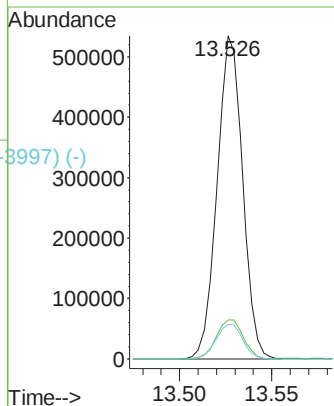
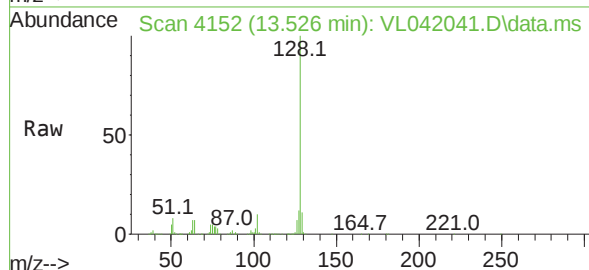




Naphthalene
 Concen: 7.372 ppbv
 RT: 13.526 min Scan# 4152
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

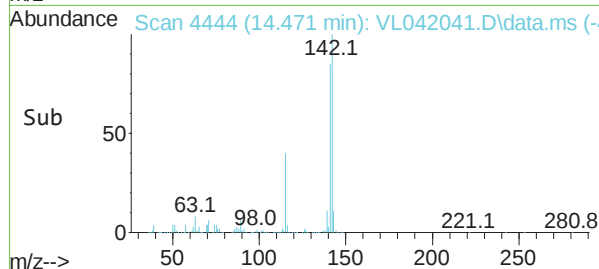
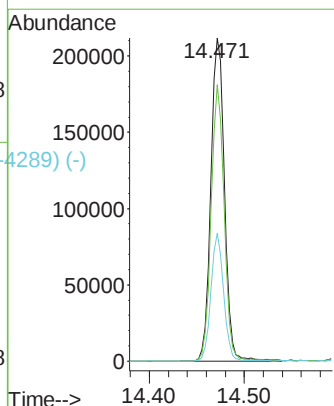
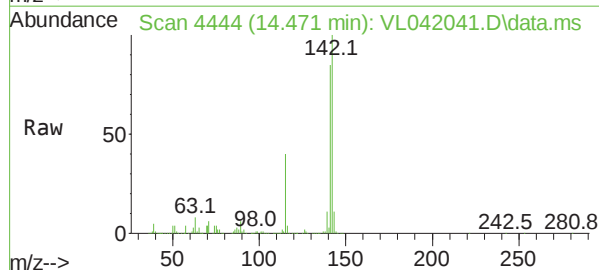
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

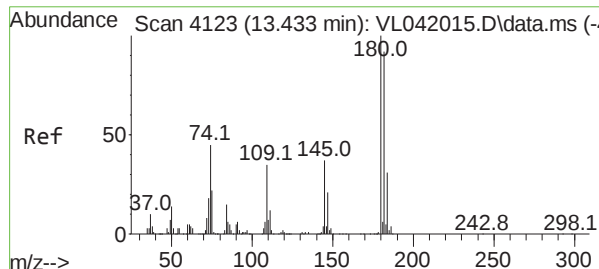
Tgt Ion:	128	Resp:	513192
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.2
129	10.7	8.6	13.0



Naphthalene, 2-methyl-
 Concen: 6.676 ppbv
 RT: 14.471 min Scan# 4444
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

Tgt Ion:	142	Resp:	210405
Ion	Ratio	Lower	Upper
142	100		
141	82.2	68.2	102.2
115	36.9	33.6	50.4





1,2,4-Trichlorobenzene
 Concen: 8.517 ppbv
 RT: 13.455 min Scan
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:	180	Resp:	241031
Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.8	113.6
184	29.7	24.2	36.4

