

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022525\
 Data File : VL042041.D
 Acq On : 25 Feb 2025 08:56
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC010

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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 Data File : VL042041.D
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC010

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

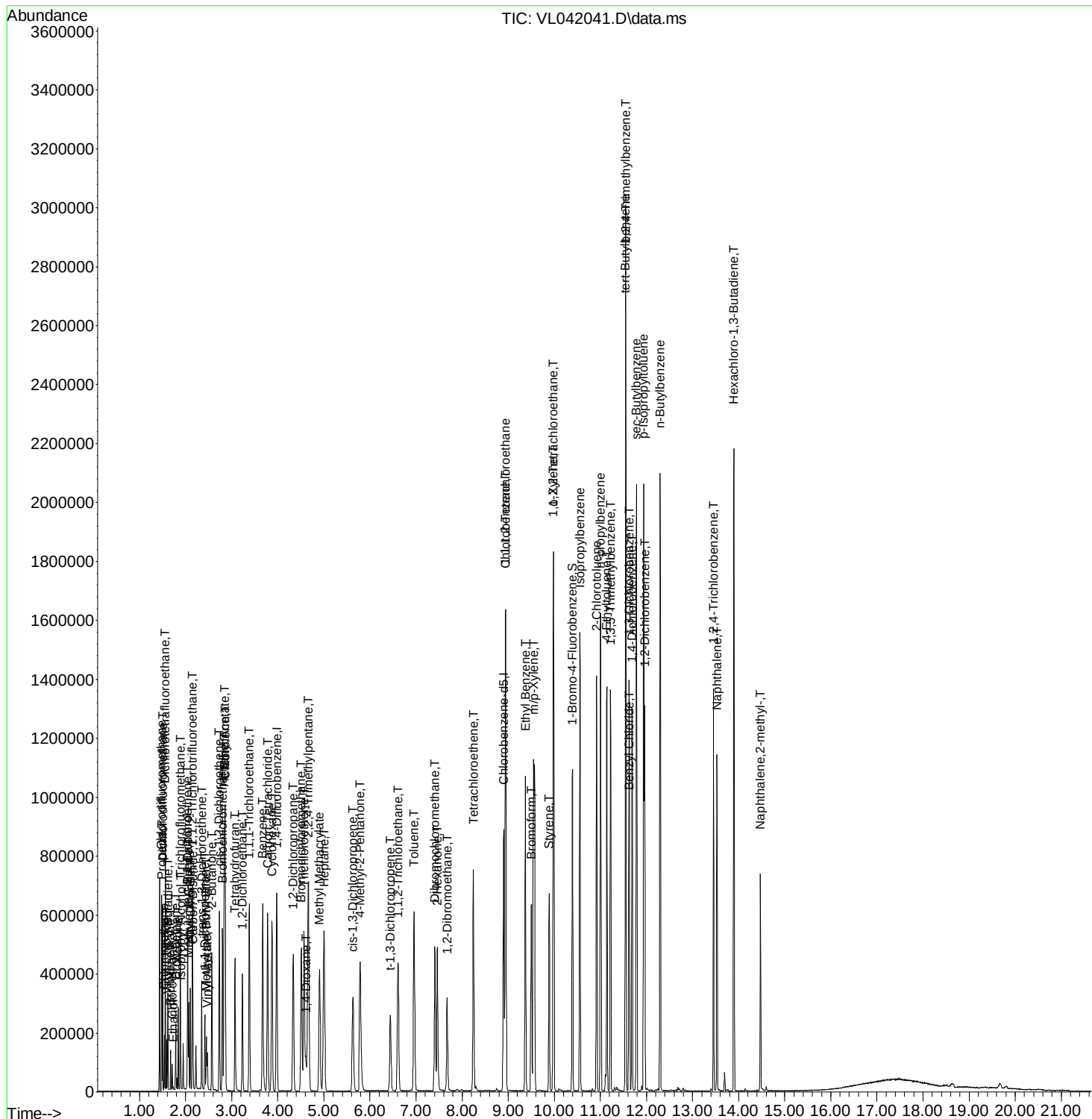
Response via : Initial Calibration

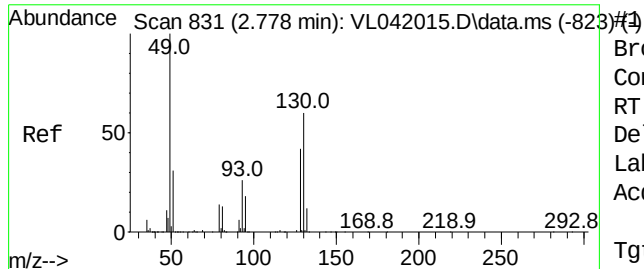
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Methyl Methacrylate	4.907	69	165494	7.091	ppbv	97
44) 2,2,4-Trimethylpentane	4.661	57	705920	8.122	ppbv	97
45) t-1,3-Dichloropropene	6.444	75	166207	7.544	ppbv	91
46) cis-1,3-Dichloropropene	5.629	75	218294	7.809	ppbv	99
47) 1,1,2-Trichloroethane	6.610	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
ClientSampleId :
VSTDICC010

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

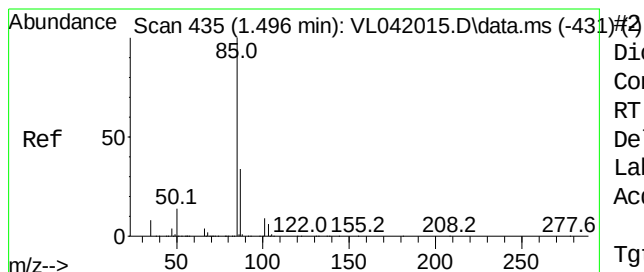
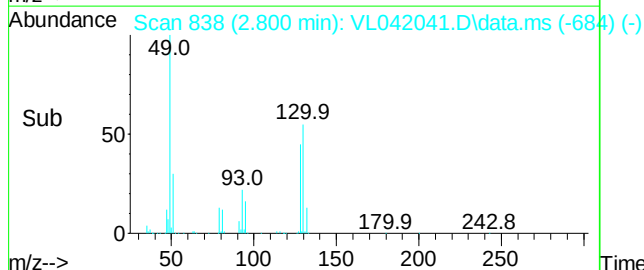
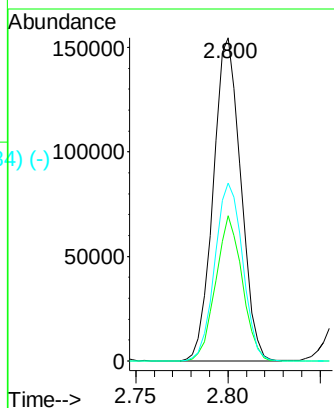
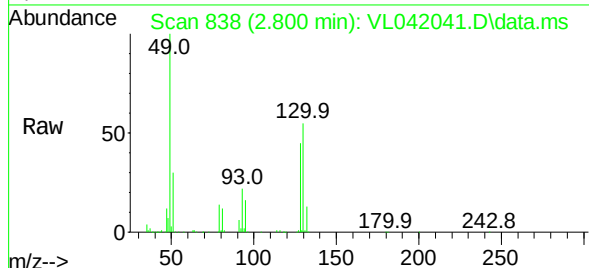




Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan#
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

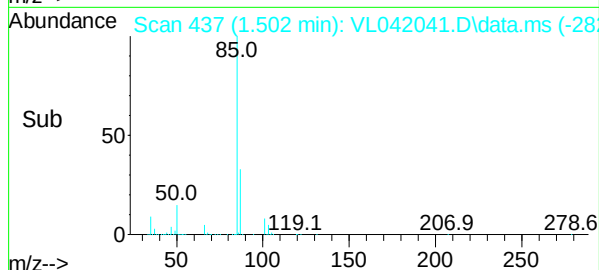
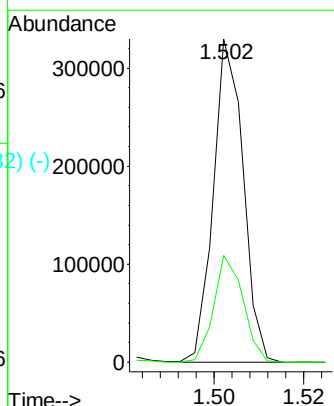
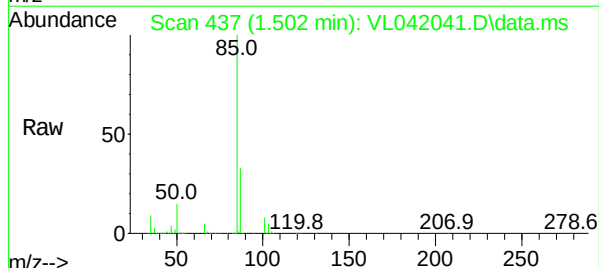
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC010

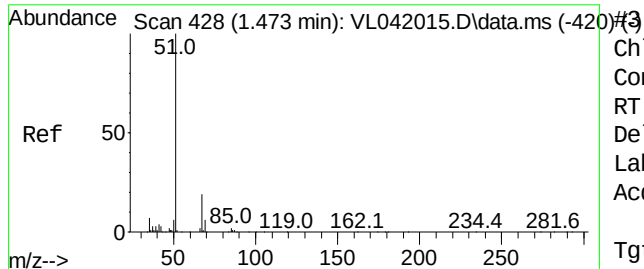
Tgt Ion: 49 Resp: 161135
Ion Ratio Lower Upper
49 100
128 43.2 22.7 68.0
130 55.6 29.9 89.8



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

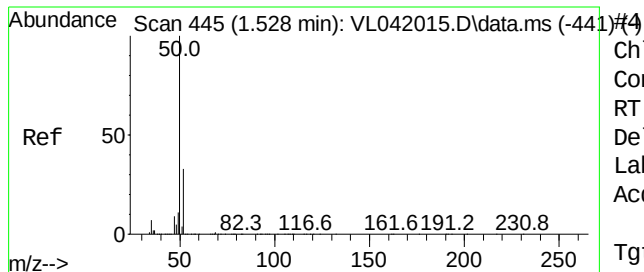
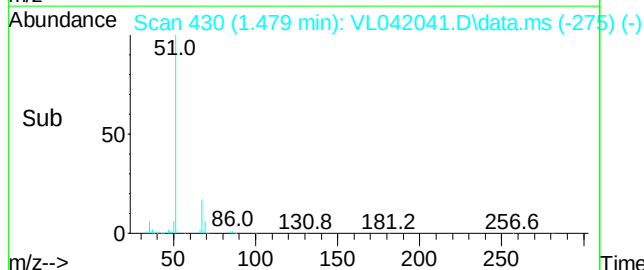
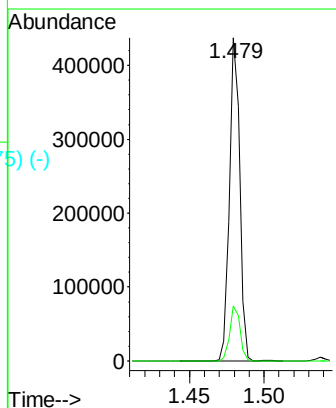
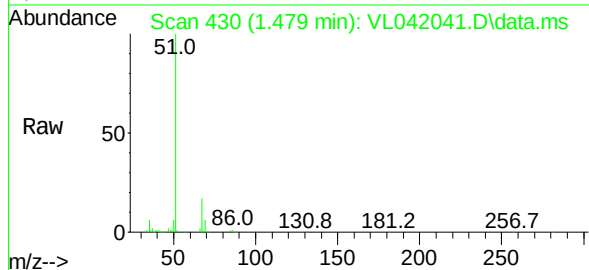




Chlorodifluoromethane
Concen: 6.887 ppbv
RT: 1.479 min Scan#
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

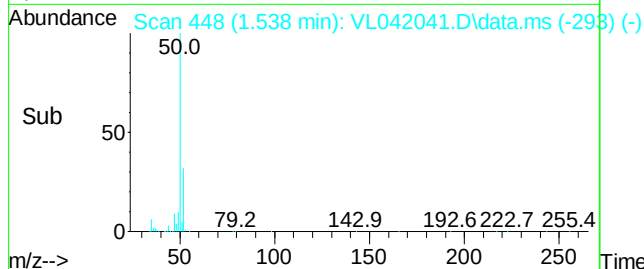
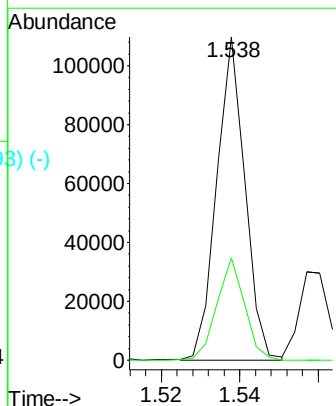
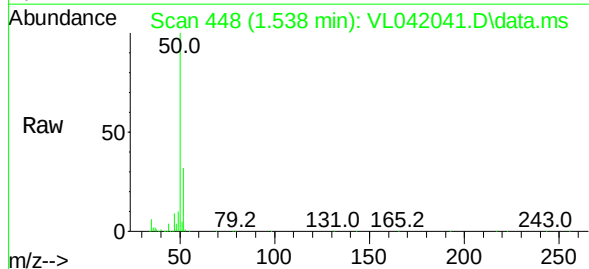
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MSVOA_L
ClientSampleId :
VSTDIC010

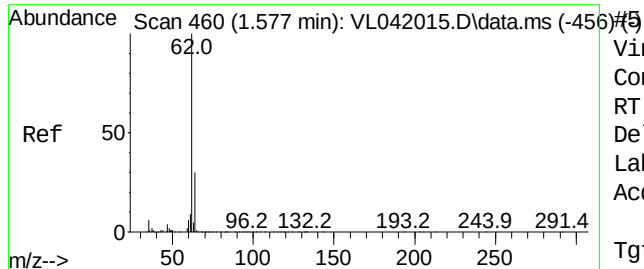
Tgt Ion: 51 Resp: 211185
Ion Ratio Lower Upper
51 100
67 17.1 15.0 22.6



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

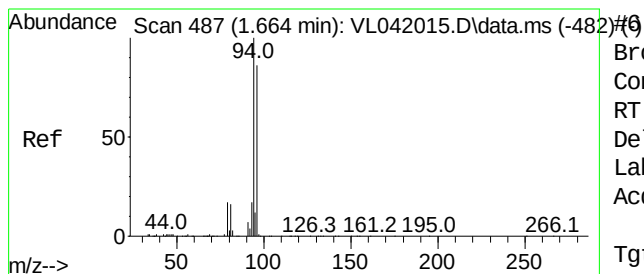
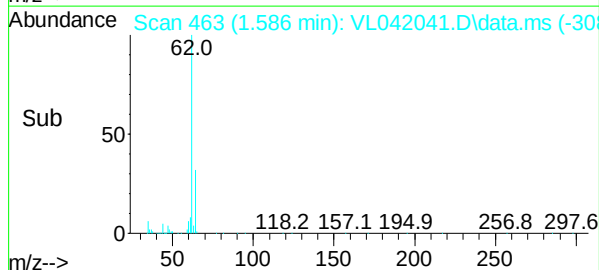
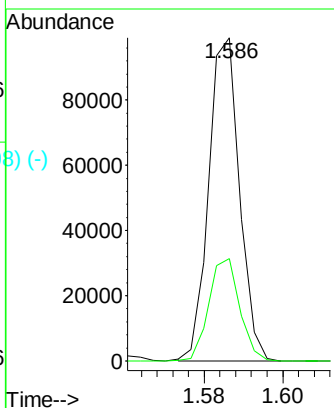
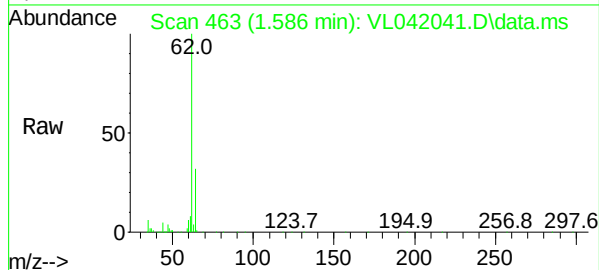




Vinyl Chloride
 Concen: 4.207 ppbv
 RT: 1.586 min Scan#
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

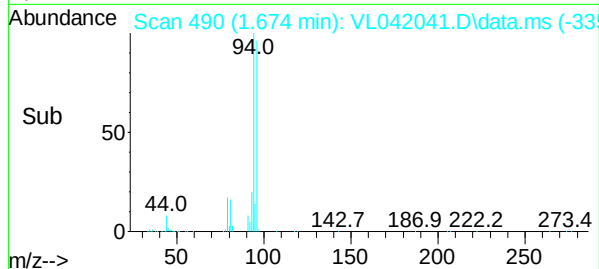
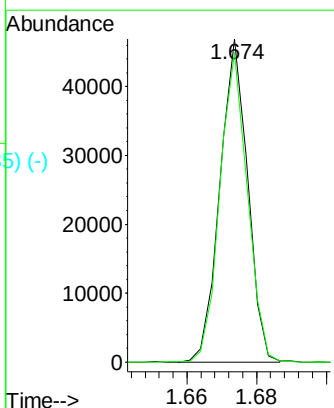
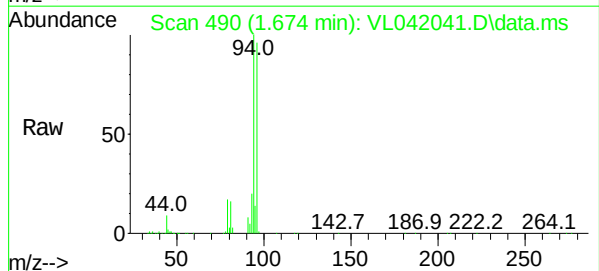
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC010

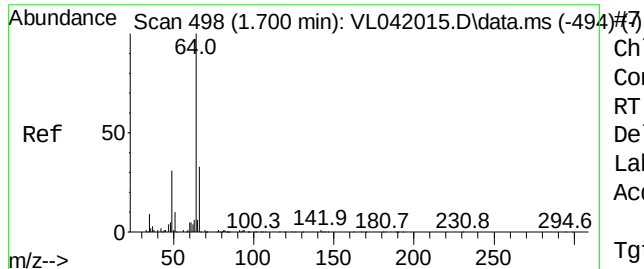
Tgt Ion: 62 Resp: 54228
 Ion Ratio Lower Upper
 62 100
 64 31.6 24.4 36.6



Bromomethane
 Concen: 5.173 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

Tgt Ion: 94 Resp: 25846
 Ion Ratio Lower Upper
 94 100
 96 95.6 69.0 103.6

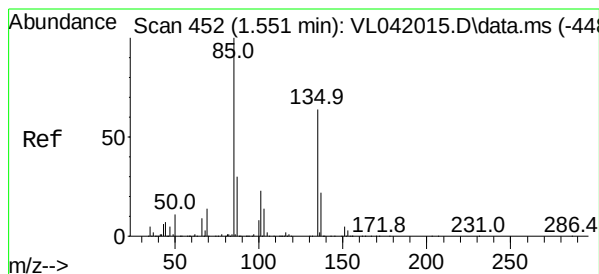
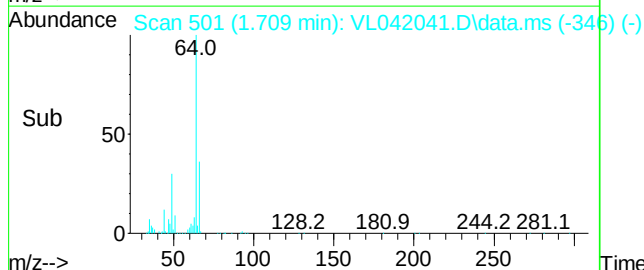
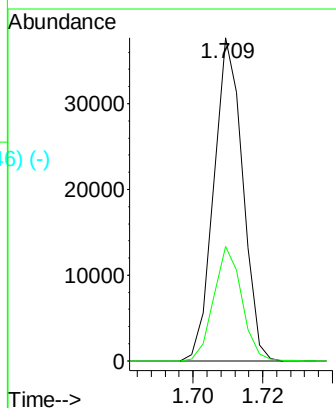
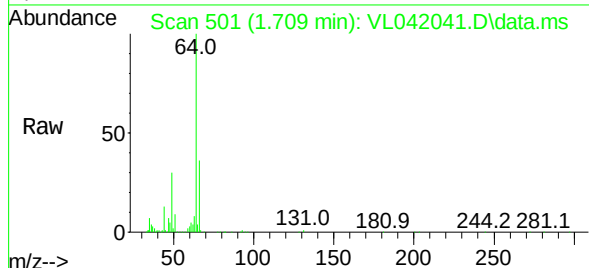




Chloroethane
 Concen: 5.169 ppbv
 RT: 1.709 min Scan# 5
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

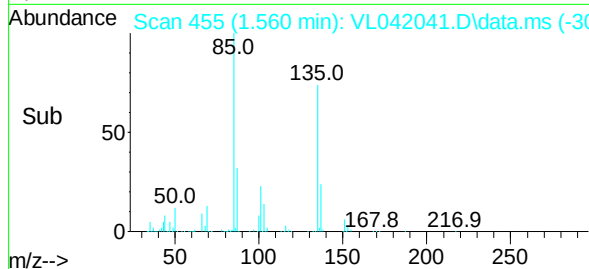
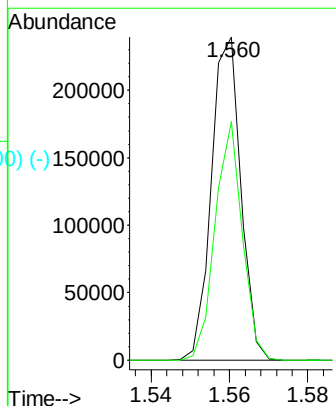
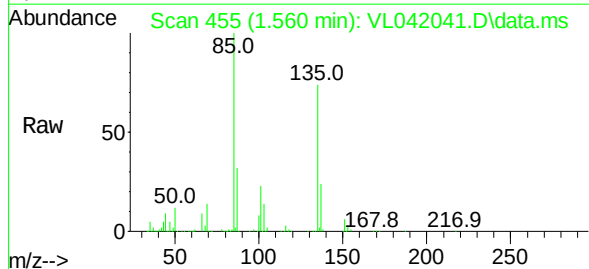
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC010

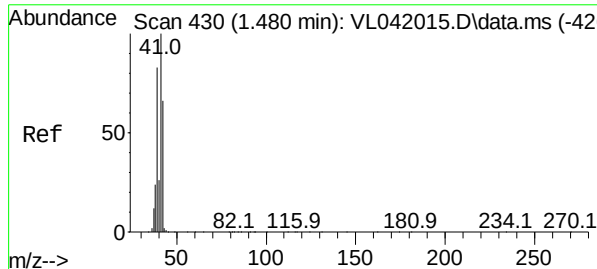
Tgt Ion: 64 Resp: 21717
 Ion Ratio Lower Upper
 64 100
 66 35.5 26.5 39.7



Dichlorotetrafluoroethane
 Concen: 5.147 ppbv
 RT: 1.560 min Scan# 455
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

Tgt Ion: 85 Resp: 125595
 Ion Ratio Lower Upper
 85 100
 135 68.2 50.9 76.3

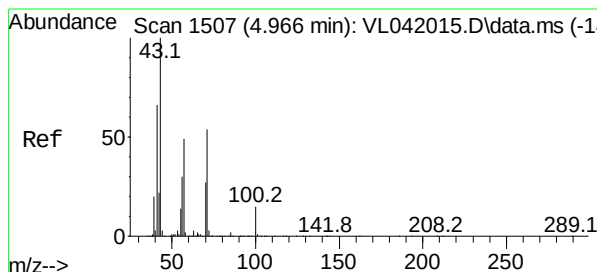
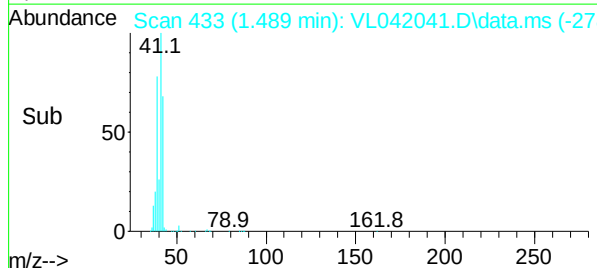
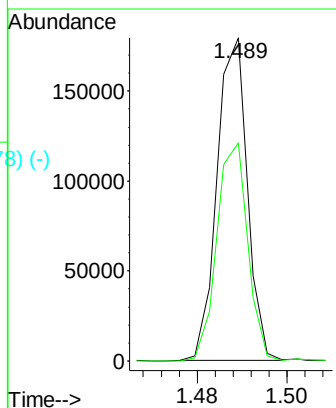
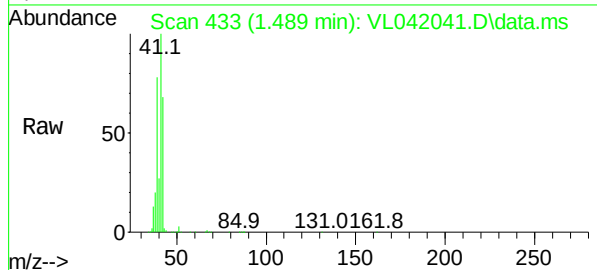




Propene
 Concen: 6.357 ppbv
 RT: 1.489 min Scan#
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

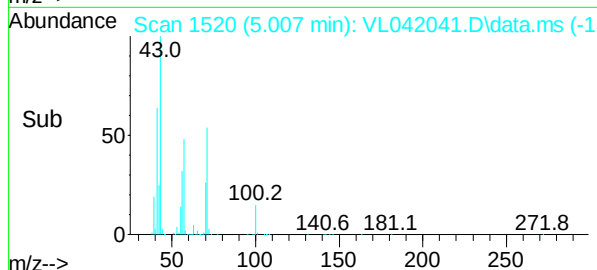
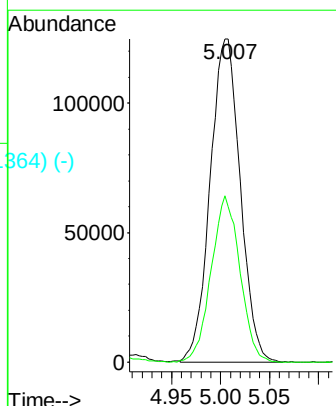
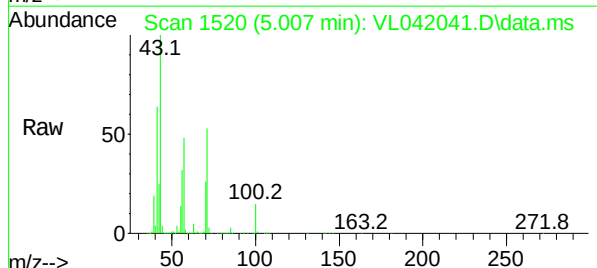
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC010

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

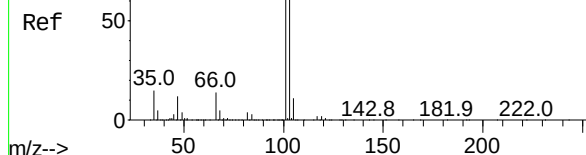
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 Ion Ratio Lower Upper
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 57 49.2 41.0 61.6



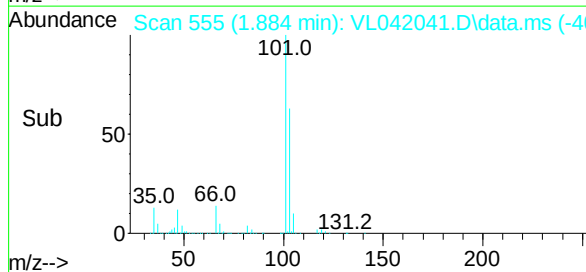
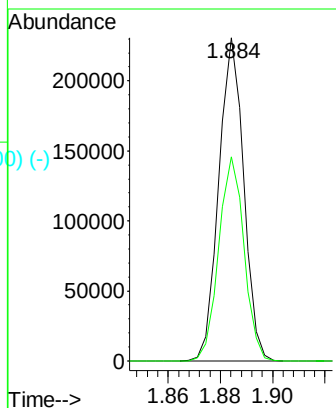
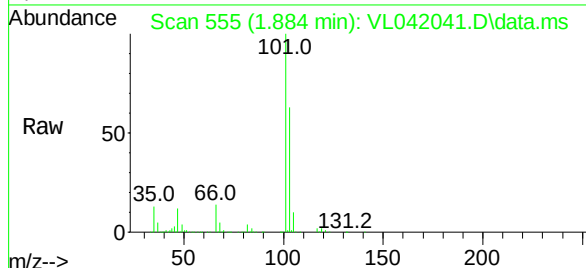
Abundance Scan 551 (1.871 min): VL042015.D\data.ms (-545) #11

Trichlorofluoromethane
Concen: 5.449 ppbv
RT: 1.884 min Scan# 551
Delta R.T. 0.000 min
Lab File: VL042041.D
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Instrument :
MSVOA_1
ClientSampleId :
VSTDIC010



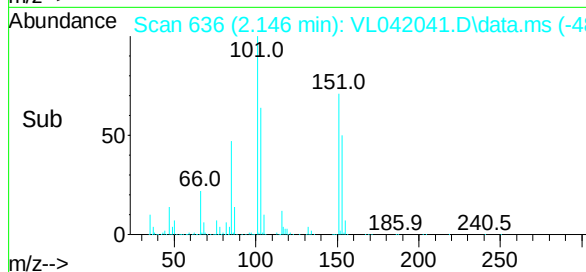
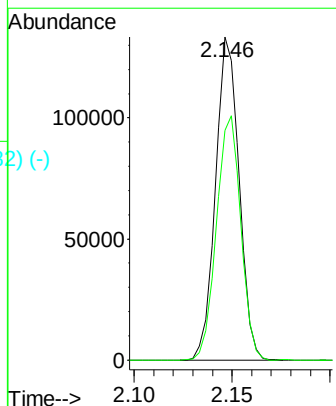
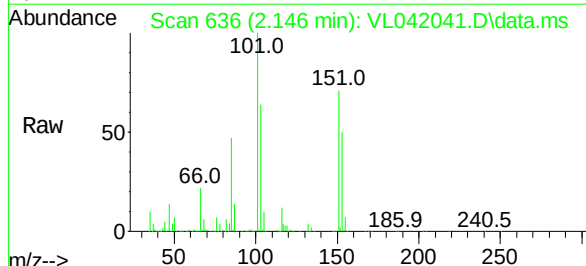
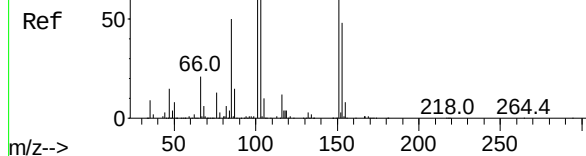
Tgt Ion:101 Resp: 152112
Ion Ratio Lower Upper
101 100
103 63.2 52.9 79.3

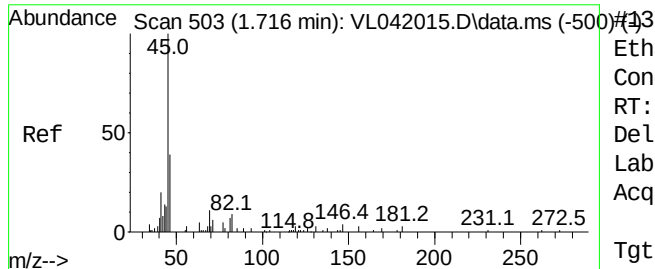


Abundance Scan 632 (2.134 min): VL042015.D\data.ms (-622) #12

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

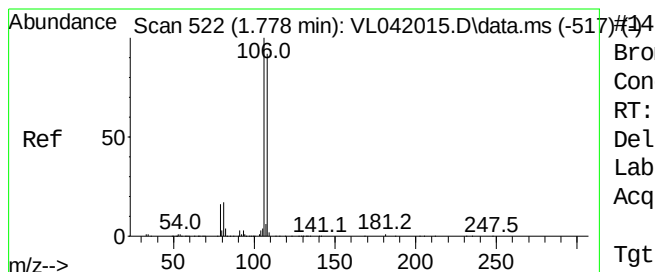
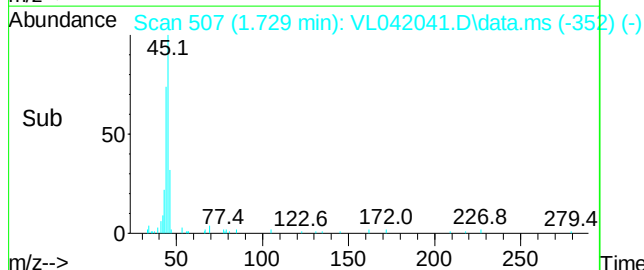
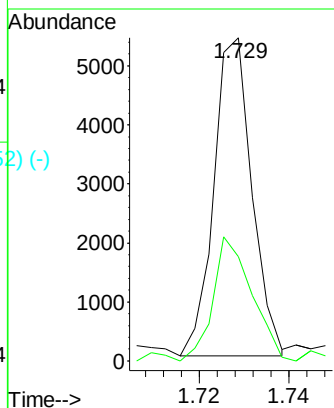
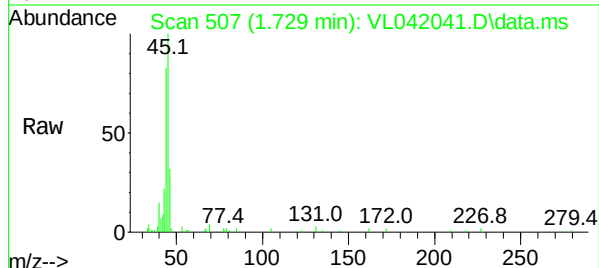




Ethanol
 Concen: 2.131 ppbv
 RT: 1.729 min Scan# 503
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

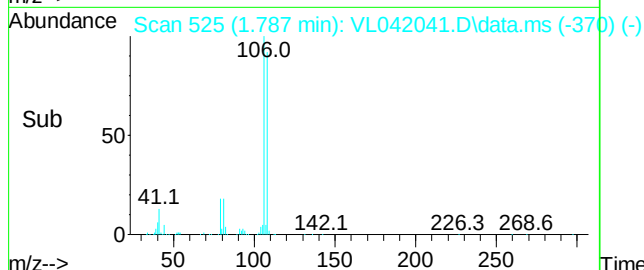
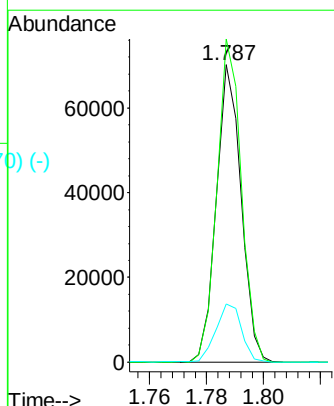
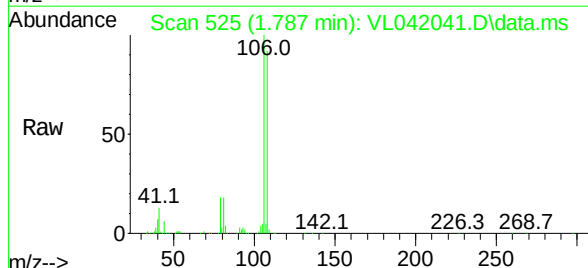
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC010

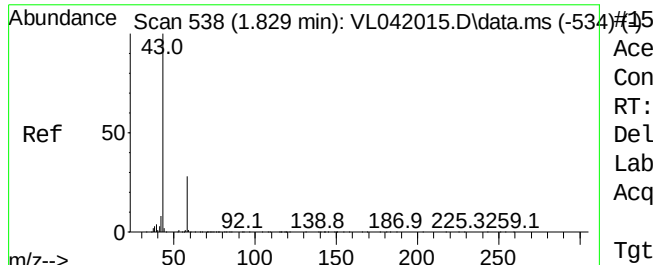
Tgt Ion: 45 Resp: 3178
 Ion Ratio Lower Upper
 45 100
 46 42.7 21.3 85.1



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

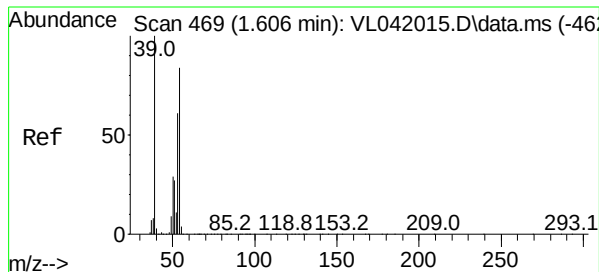
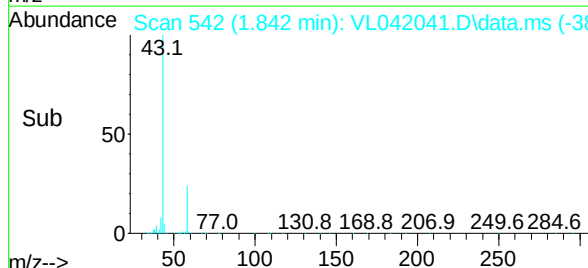
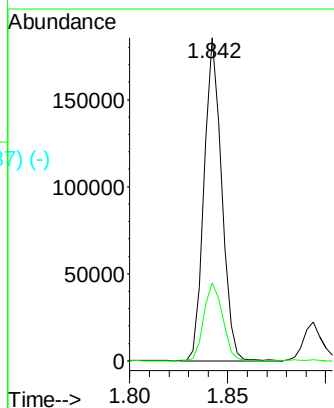
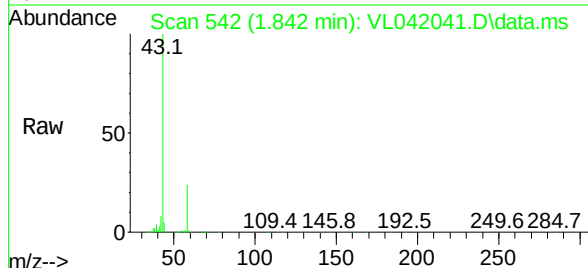




Acetone
 Concen: 4.327 ppbv
 RT: 1.842 min Scan# 5
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

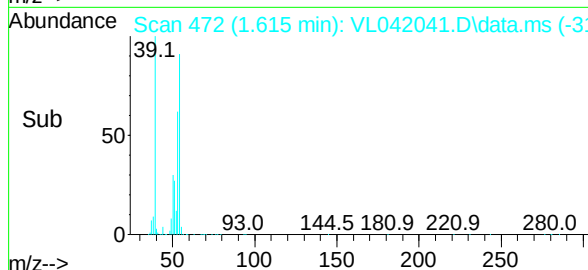
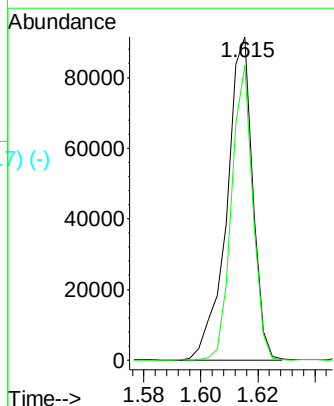
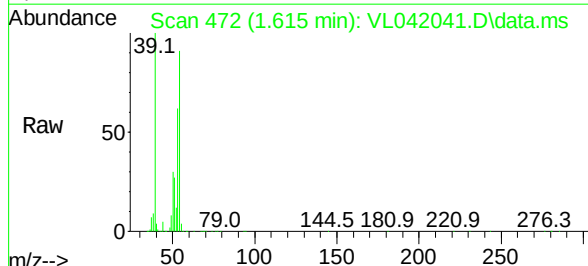
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC010

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

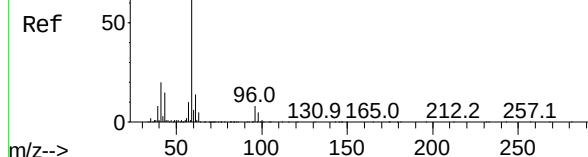
Tgt Ion: 39 Resp: 57707
 Ion Ratio Lower Upper
 39 100
 54 74.5 59.4 89.2



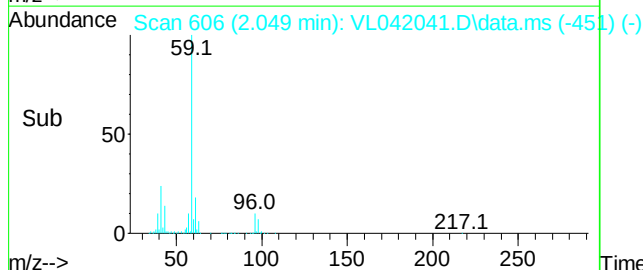
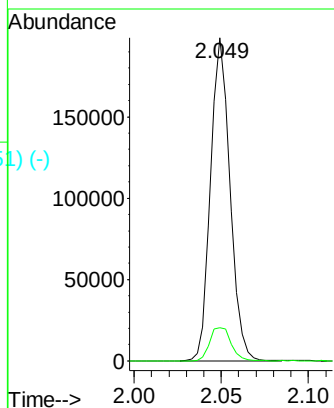
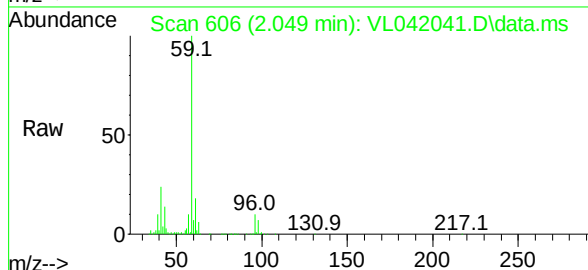
Abundance Scan 602 (2.036 min): VL042015.D\data.ms (-594) #17

tert-Butyl alcohol
Concen: 4.651 ppbv
RT: 2.049 min Scan#
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC010



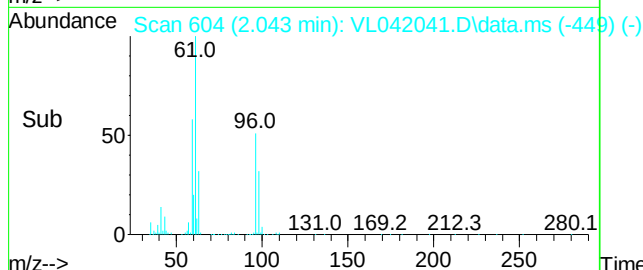
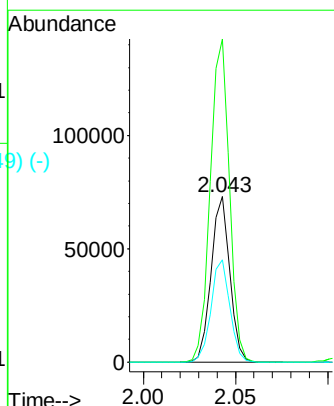
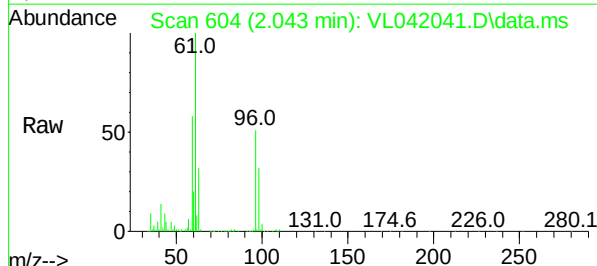
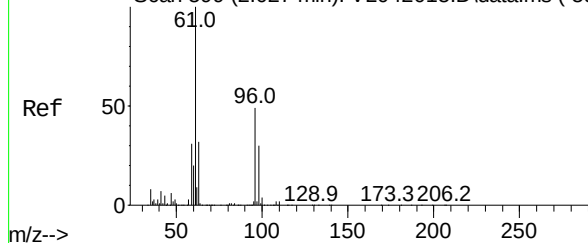
Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.6	9.2	13.8



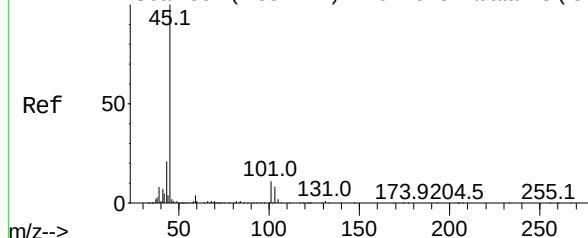
Abundance Scan 599 (2.027 min): VL042015.D\data.ms (-593) #18

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	Ratio	Lower	Upper
96	100		
61	195.0	163.5	245.3
98	61.8	49.4	74.0



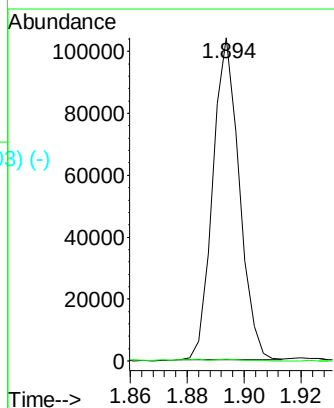
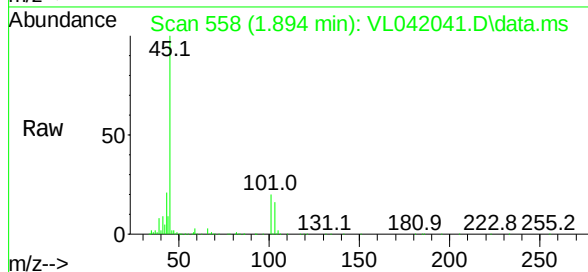
Abundance Scan 554 (1.881 min): VL042015.D\data.ms (-548) #19



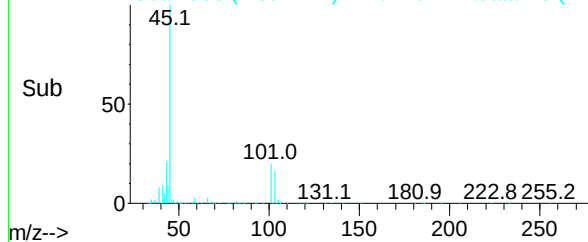
Isopropyl Alcohol
 Concen: 4.522 ppbv
 RT: 1.894 min Scan#
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC010

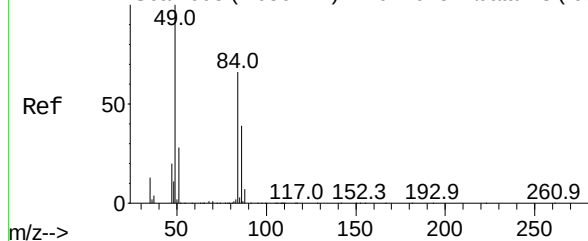
Tgt Ion: 45 Resp: 67445
 Ion Ratio Lower Upper
 45 100
 58 44.1 36.2 54.4



Abundance Scan 558 (1.894 min): VL042041.D\data.ms (-408) (-)

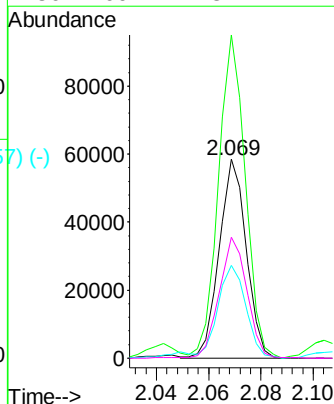
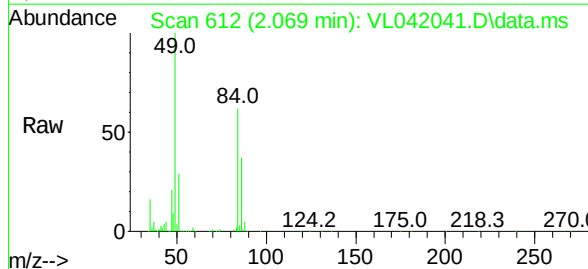


Abundance Scan 608 (2.056 min): VL042015.D\data.ms (-603) #20

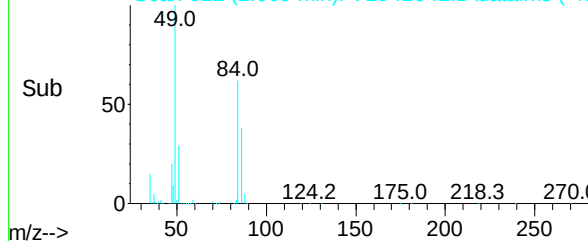


Methylene Chloride
 Concen: 4.195 ppbv
 RT: 2.069 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

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 612 (2.069 min): VL042041.D\data.ms (-457) (-)



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

Allyl Chloride

Concen: 4.504 ppbv

RT: 2.104 min Scan#

Delta R.T. 0.000 min

Lab File: VL042041.D

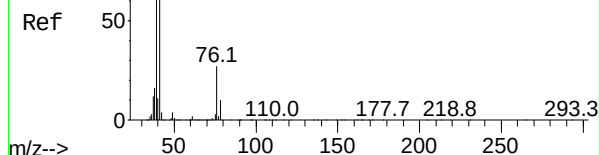
Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC010



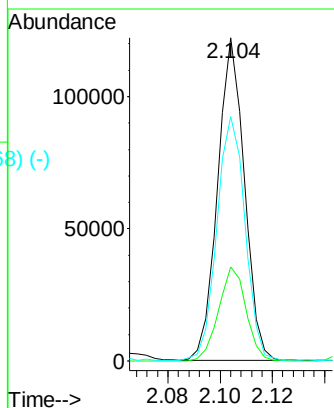
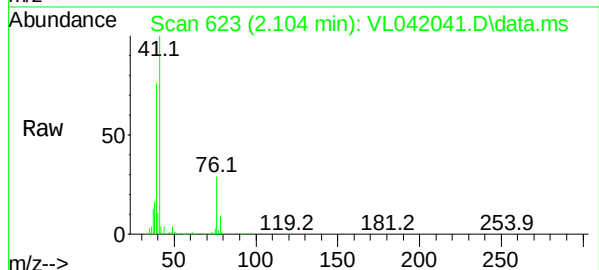
Tgt Ion: 41 Resp: 86723

Ion Ratio Lower Upper

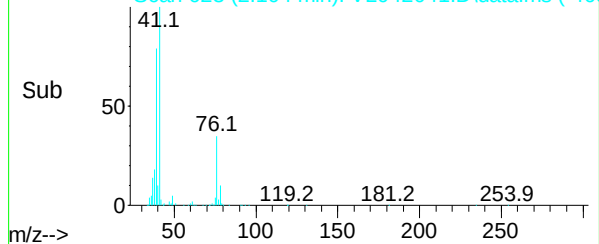
41 100

76 29.7 23.7 35.5

39 79.7 63.0 94.6



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



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

trans-1,2-Dichloroethene

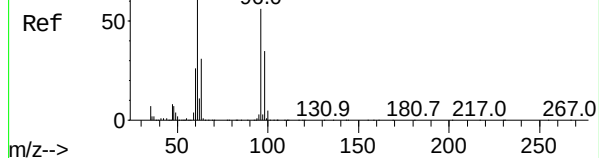
Concen: 5.104 ppbv

RT: 2.350 min Scan# 699

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56



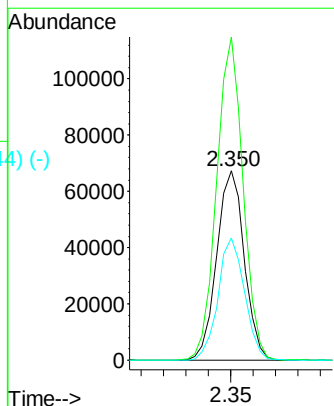
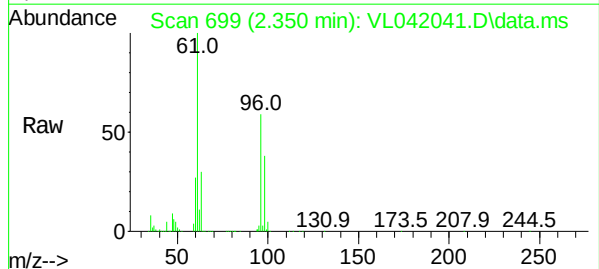
Tgt Ion: 96 Resp: 57617

Ion Ratio Lower Upper

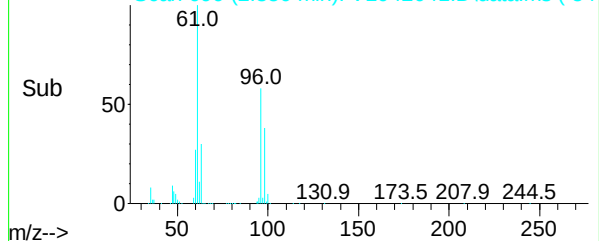
96 100

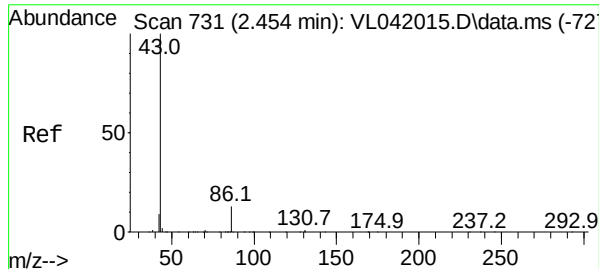
61 170.8 142.3 213.5

98 64.7 50.2 75.2



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

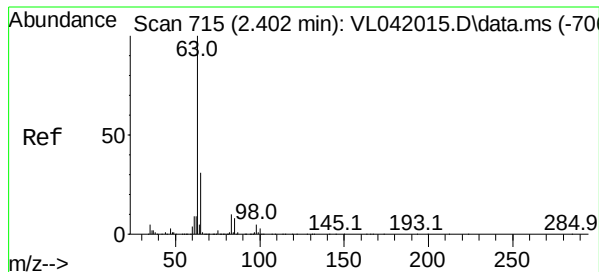
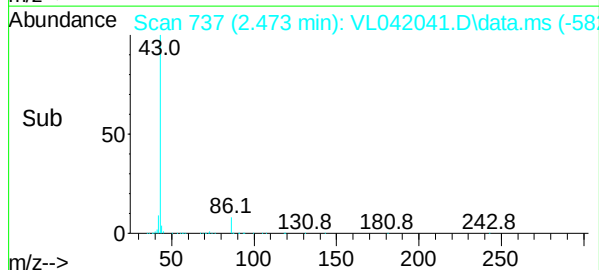
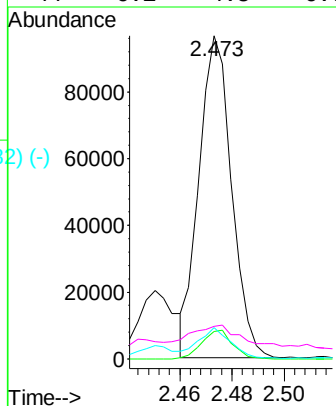
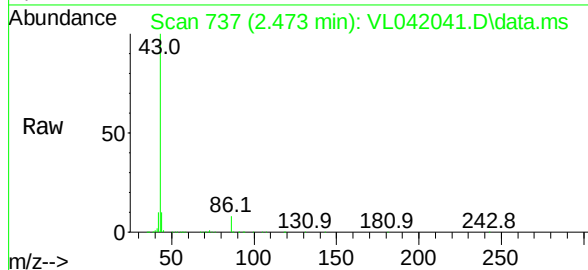




Vinyl Acetate
 Concen: 5.823 ppbv
 RT: 2.473 min Scan#
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

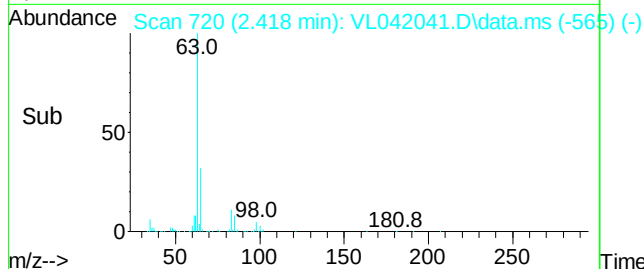
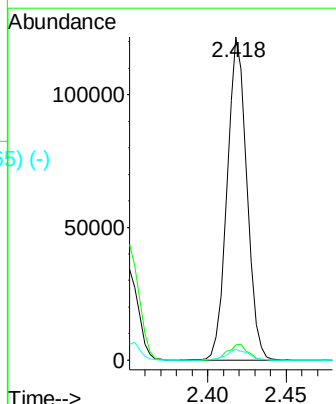
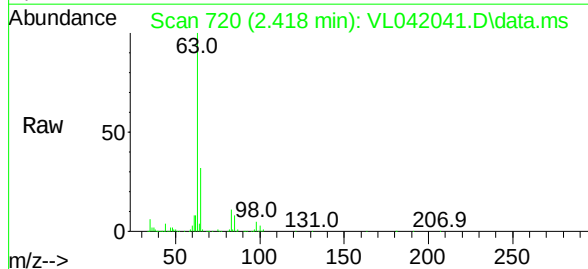
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC010

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



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

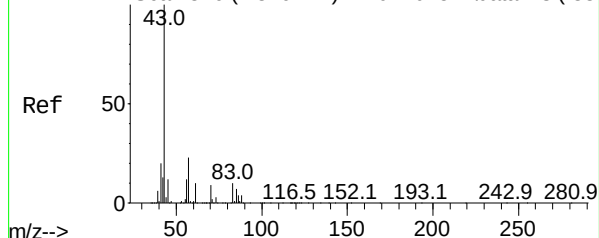
Tgt Ion:	63	Resp:	107817
Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.4	7.2
100	3.3	1.6	4.8



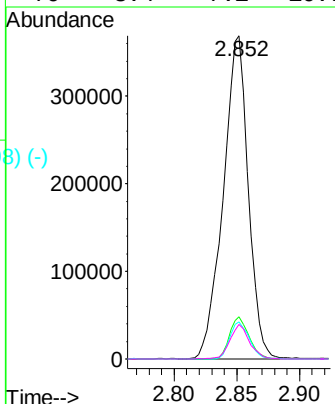
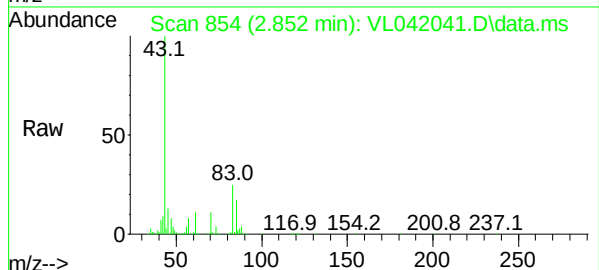
Abundance Scan 846 (2.826 min): VL042015.D\data.ms (-833) #25

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

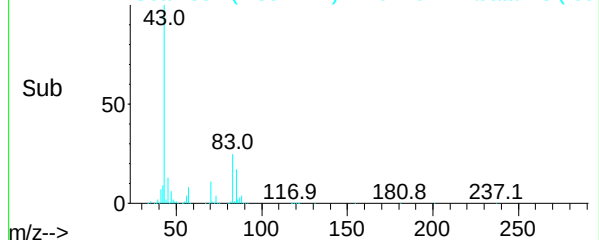
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC010



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



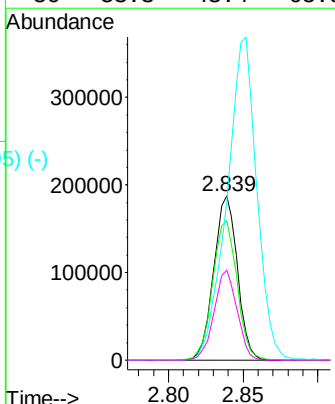
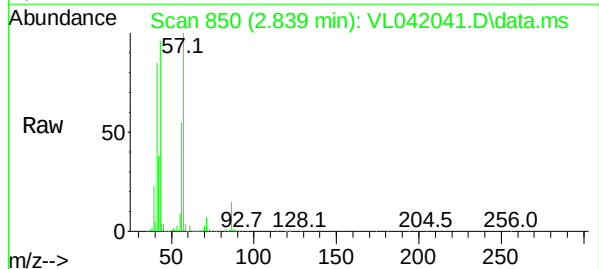
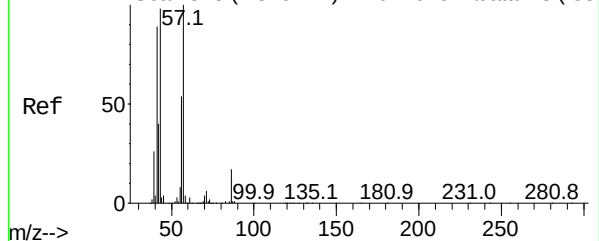
Abundance Scan 854 (2.852 min): VL042041.D\data.ms (-698) (-)



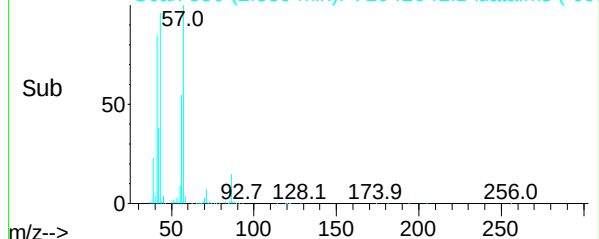
Abundance Scan 843 (2.816 min): VL042015.D\data.ms (-833) #26

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



Abundance Scan 850 (2.839 min): VL042041.D\data.ms (-695) (-)



Abundance Scan 635 (2.143 min): VL042015.D\data.ms (-627) #27

Carbon Disulfide

Concen: 5.008 ppbv

RT: 2.159 min Scan#

Delta R.T. 0.000 min

Lab File: VL042041.D

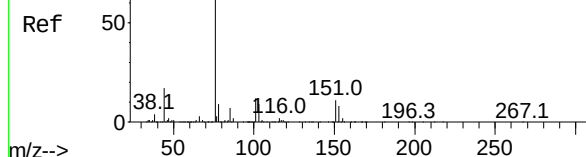
Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC010



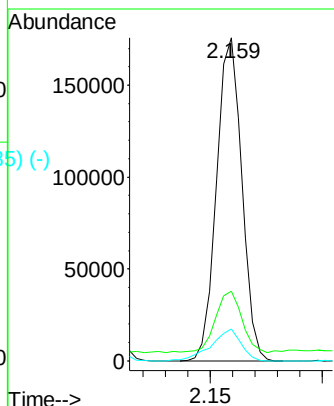
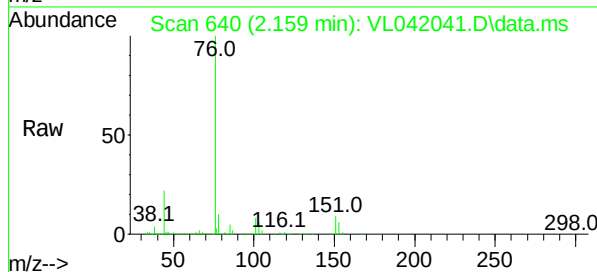
Tgt Ion: 76 Resp: 137978

Ion Ratio Lower Upper

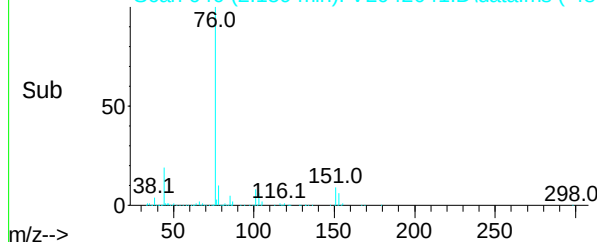
76 100

44 20.2 18.1 27.1

78 11.7 9.5 14.3



Abundance Scan 640 (2.159 min): VL042041.D\data.ms (-485) (-)



Abundance Scan 725 (2.435 min): VL042015.D\data.ms (-719) #28

Methyl tert-Butyl Ether

Concen: 4.696 ppbv

RT: 2.450 min Scan# 730

Delta R.T. -0.003 min

Lab File: VL042041.D

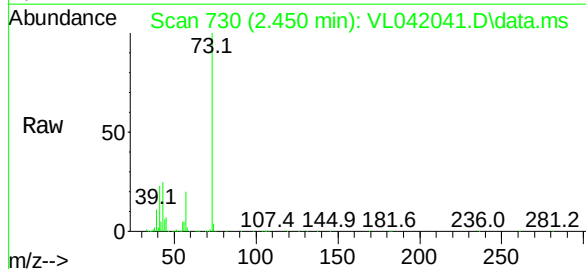
Acq: 25 Feb 2025 08:56

Tgt Ion: 73 Resp: 84091

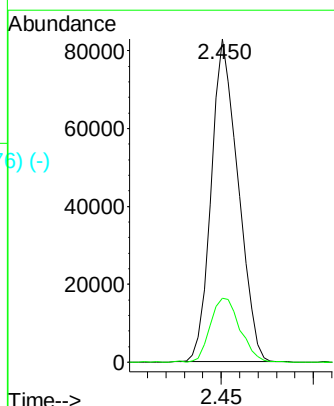
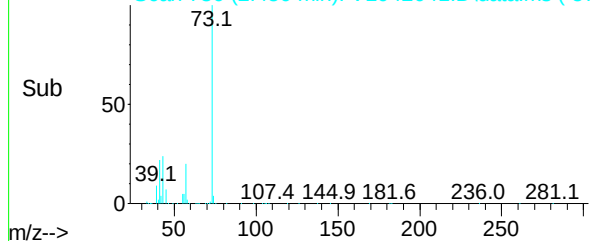
Ion Ratio Lower Upper

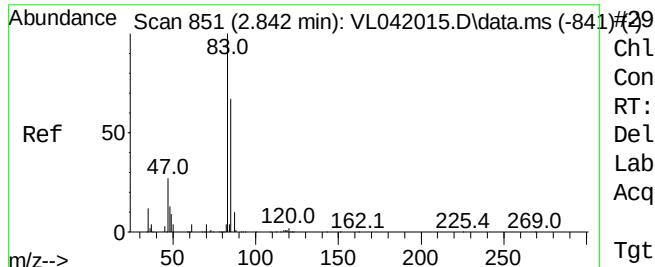
73 100

57 22.1 18.3 27.5



Abundance Scan 730 (2.450 min): VL042041.D\data.ms (-576) (-)

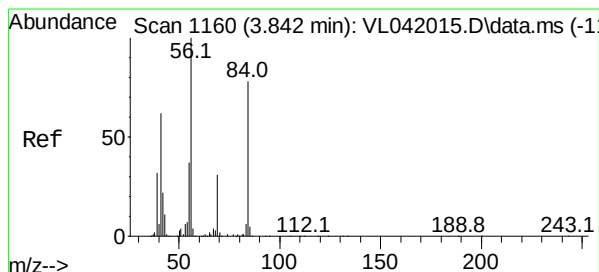
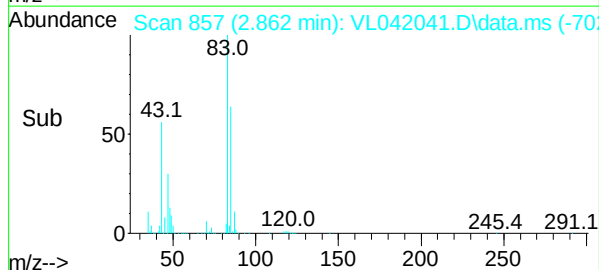
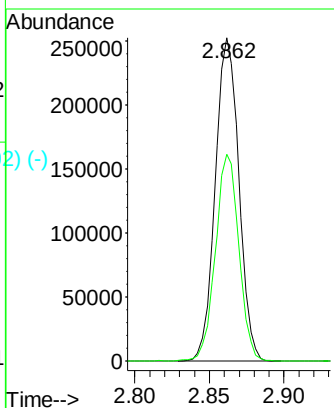
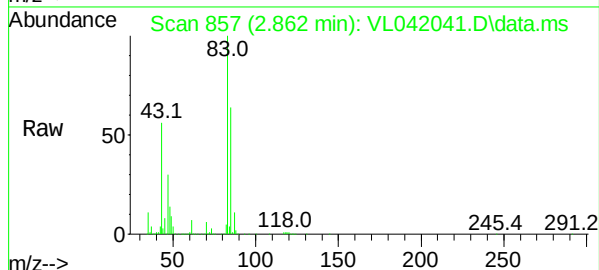




#29
Chloroform
Concen: 6.538 ppbv
RT: 2.862 min Scan#
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

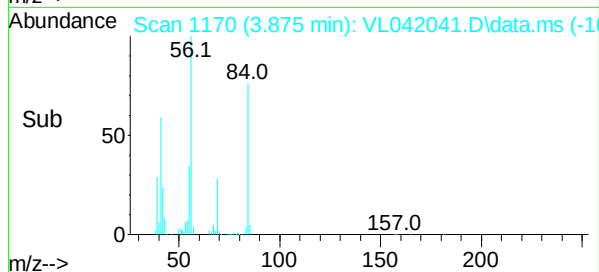
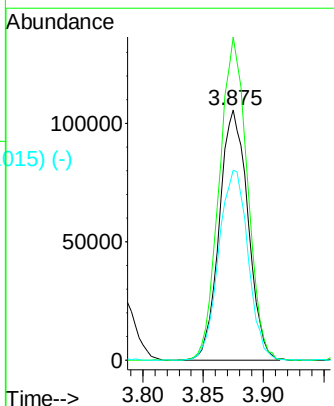
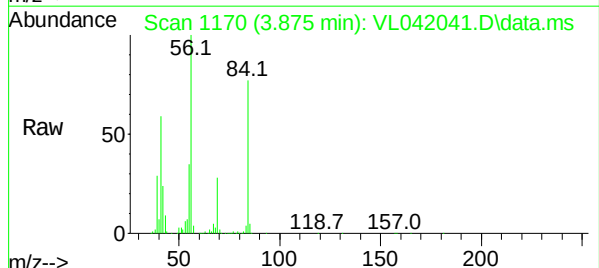
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC010

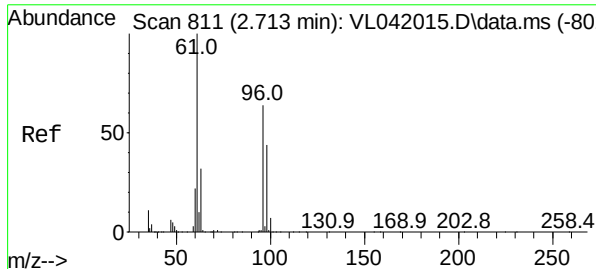
Tgt Ion: 83 Resp: 277411
Ion Ratio Lower Upper
83 100
85 64.0 53.8 80.6



#30
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

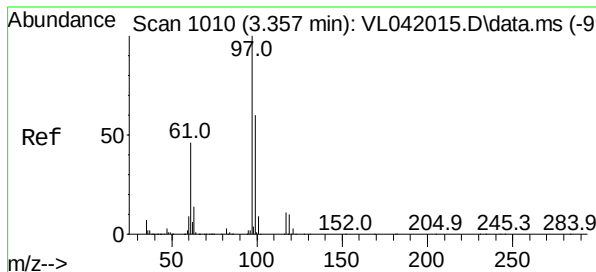
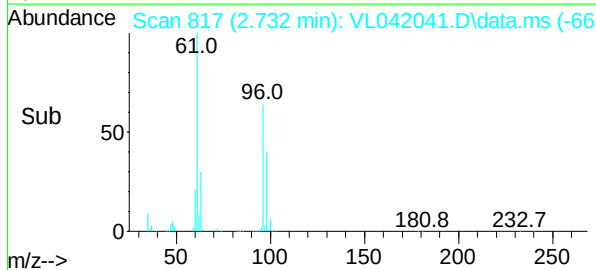
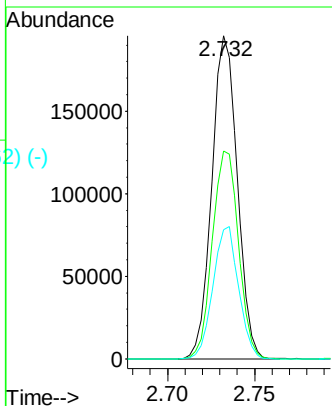
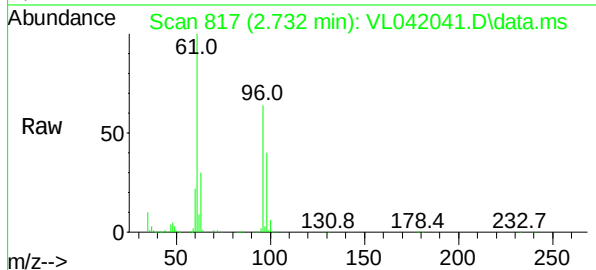




cis-1,2-Dichloroethene
Concen: 6.886 ppbv
RT: 2.732 min Scan#
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

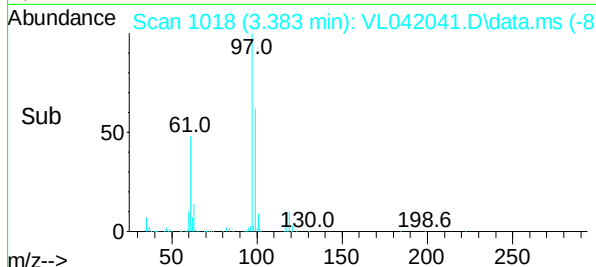
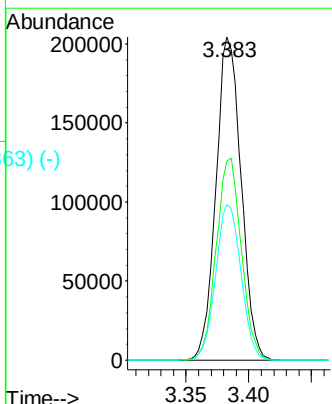
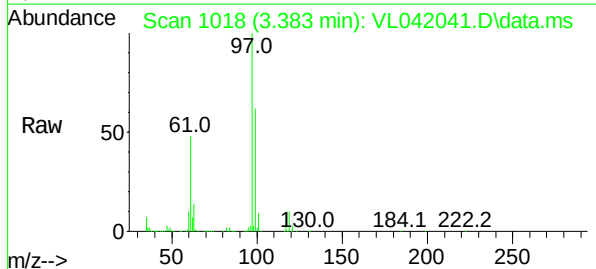
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC010

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

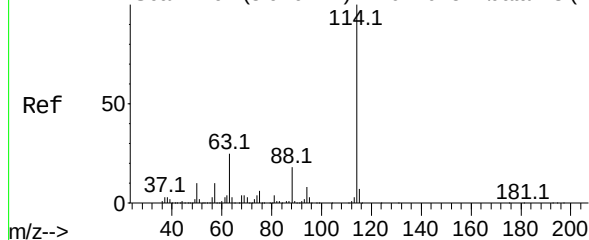


1,1,1-Trichloroethane
Concen: 6.064 ppbv
RT: 3.383 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

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



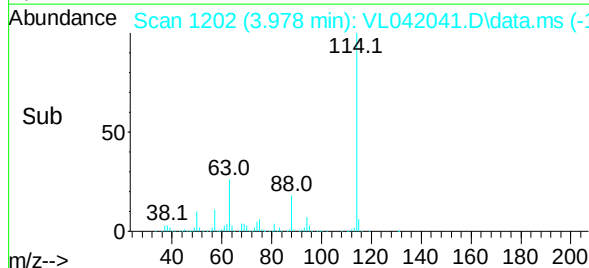
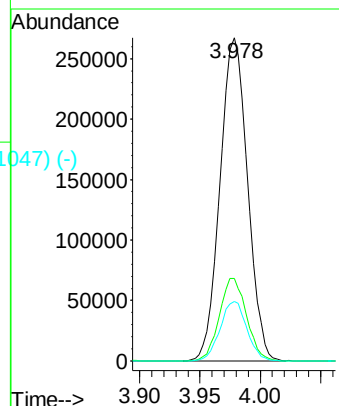
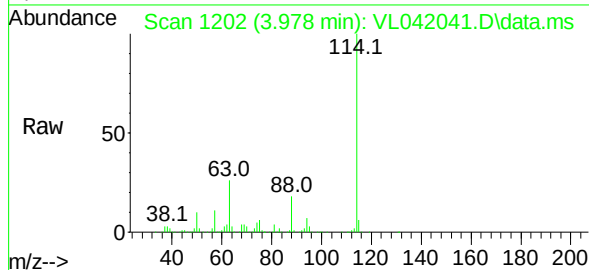
Abundance Scan 1192 (3.946 min): VL042015.D\data.ms (-11753)



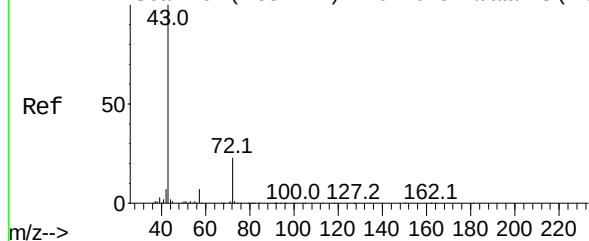
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan#
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC010

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

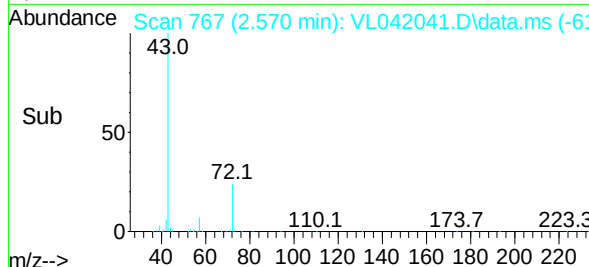
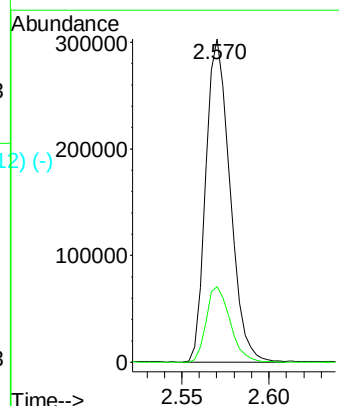
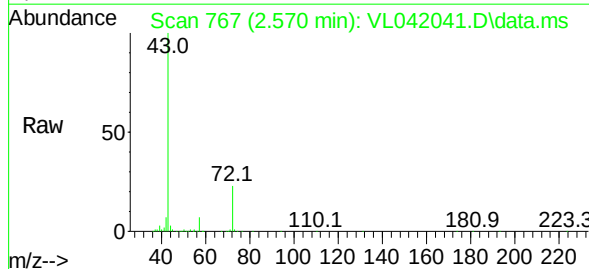


Abundance Scan 761 (2.551 min): VL042015.D\data.ms (-755) #34



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

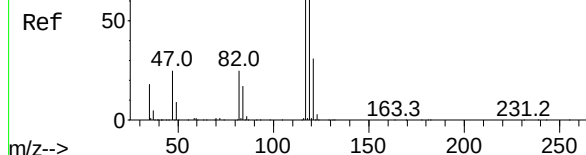
Tgt Ion:	43	Resp:	292449
Ion	Ratio	Lower	Upper
43	100		
72	23.1	18.3	27.5



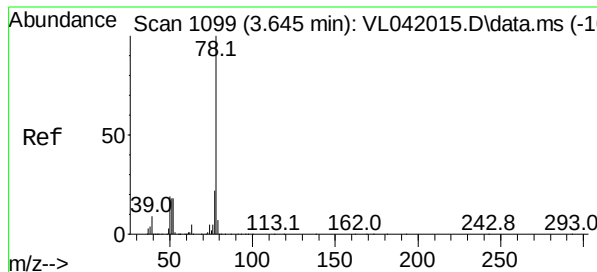
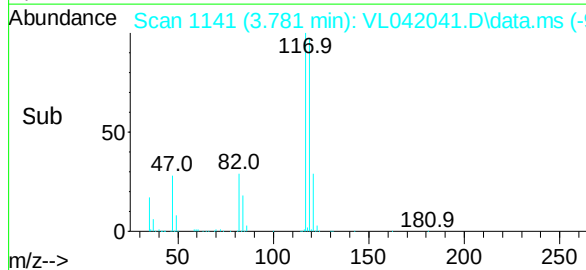
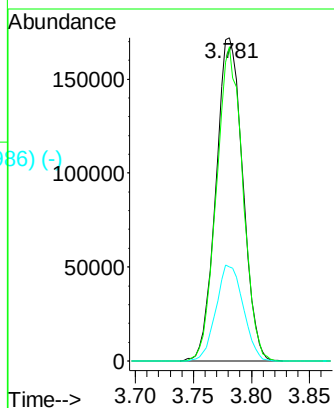
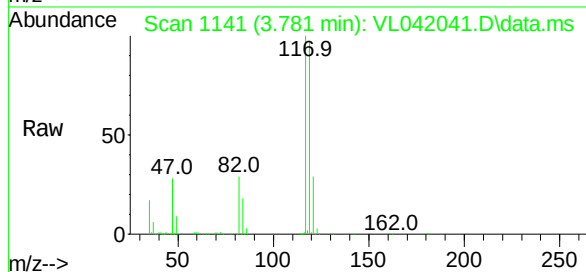
Abundance Scan 1132 (3.752 min): VL042015.D\data.ms (-111635)

Carbon Tetrachloride
Concen: 6.741 ppbv
RT: 3.781 min Scan#
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC010

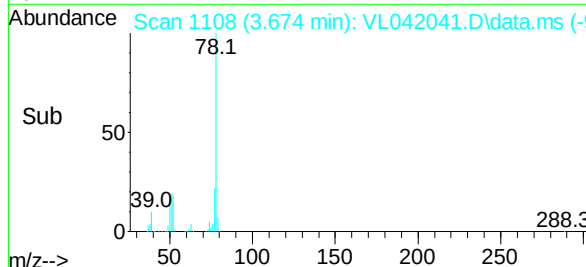
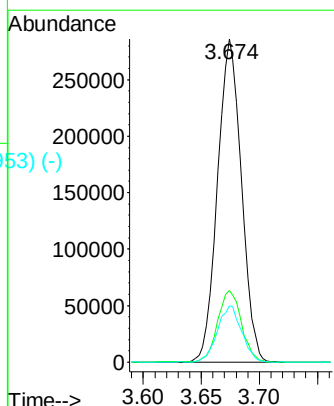
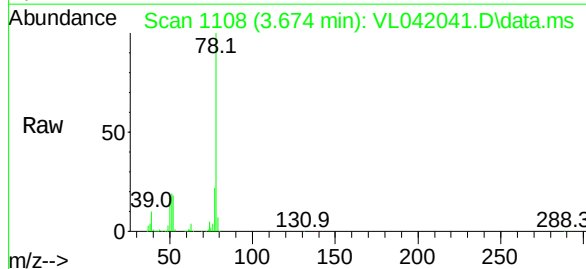


Tgt Ion:	117	Resp:	276677
Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.8	113.6
121	29.2	24.6	36.8



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

1,2-Dichloroethane

Concen: 7.543 ppbv

RT: 3.234 min Scan#

Delta R.T. 0.000 min

Lab File: VL042041.D

Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC010

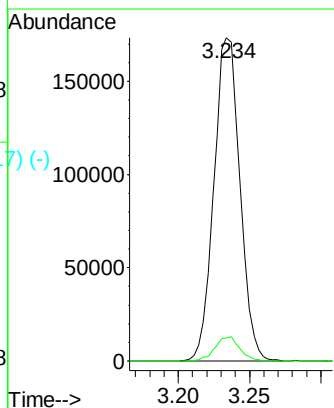
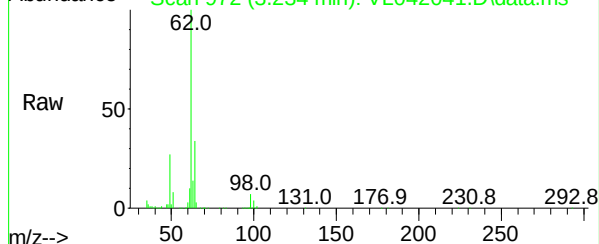
Tgt Ion: 62 Resp: 219829

Ion Ratio Lower Upper

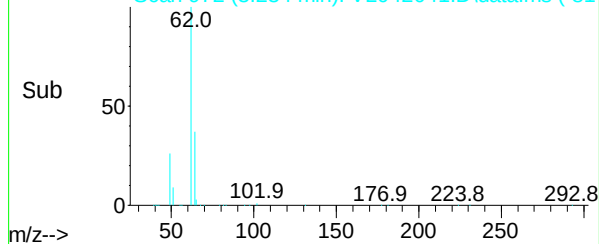
62 100

98 7.1 5.7 8.5

Abundance Scan 972 (3.234 min): VL042041.D\data.ms



Abundance Scan 972 (3.234 min): VL042041.D\data.ms (-817) (-)



Abundance Scan 1373 (4.532 min): VL042015.D\data.ms (-1358) #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

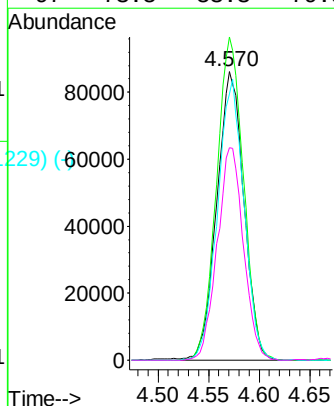
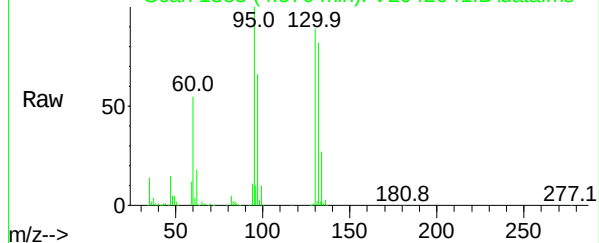
130 100

95 111.9 82.8 124.2

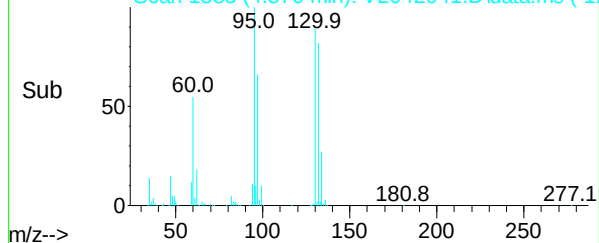
132 92.2 70.0 105.0

97 73.5 53.3 79.9

Abundance Scan 1385 (4.570 min): VL042041.D\data.ms



Abundance Scan 1385 (4.570 min): VL042041.D\data.ms (-1229) (-)



Abundance Scan 1301 (4.299 min): VL042015.D\data.ms (-129639)

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 :

VSTDIC010

Tgt Ion: 63 Resp: 151036

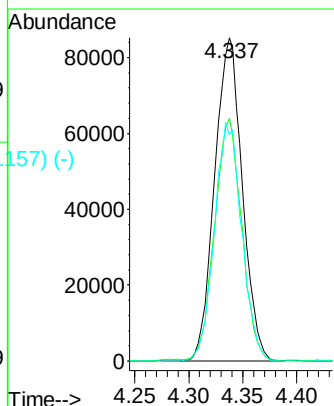
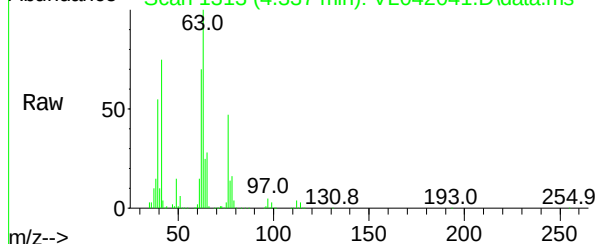
Ion Ratio Lower Upper

63 100

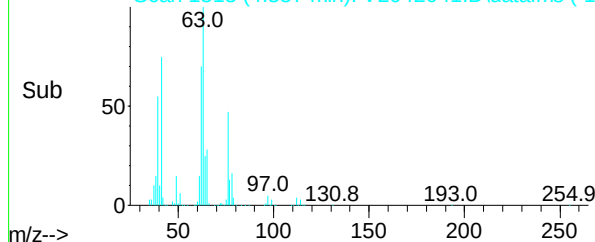
41 75.1 60.1 90.1

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 (-137610)

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

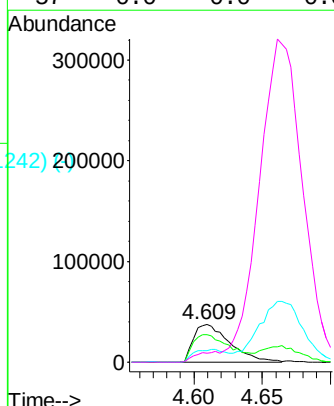
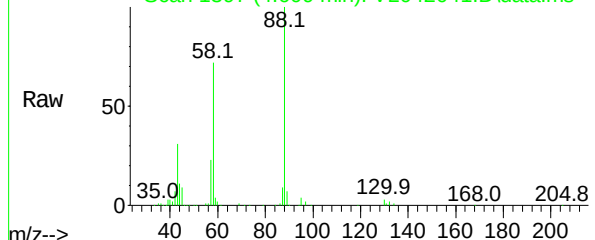
88 100

58 78.3 58.1 87.1

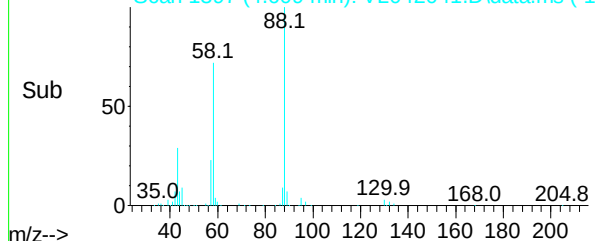
43 0.0 27.3 40.9#

57 0.0 0.0 0.0

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



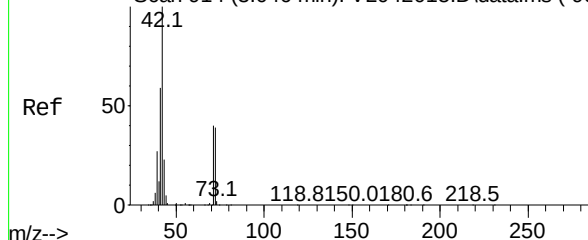
Abundance Scan 1397 (4.609 min): VL042041.D\data.ms (-1242)



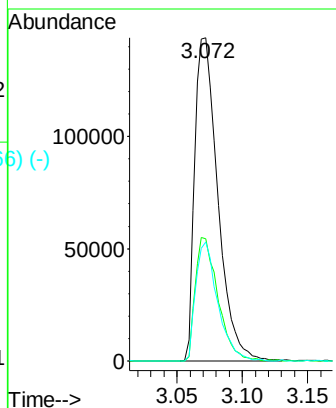
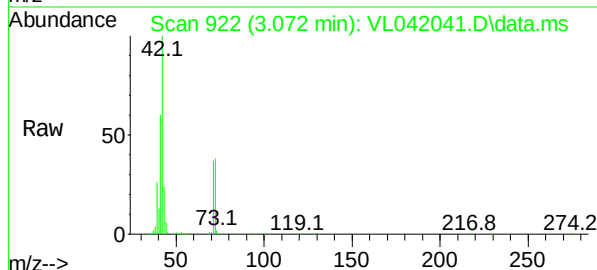
Abundance Scan 914 (3.046 min): VL042015.D\data.ms (-909) #41

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

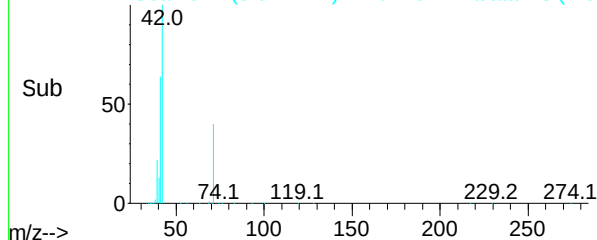
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC010



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



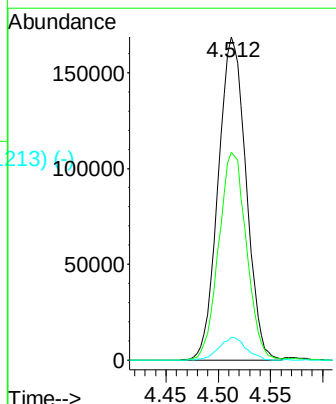
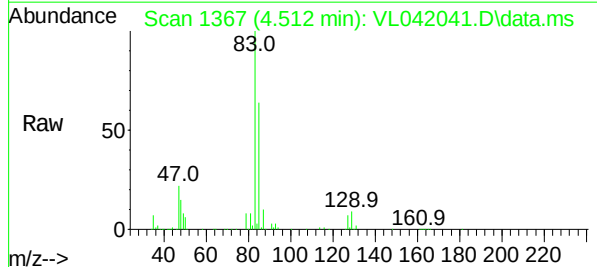
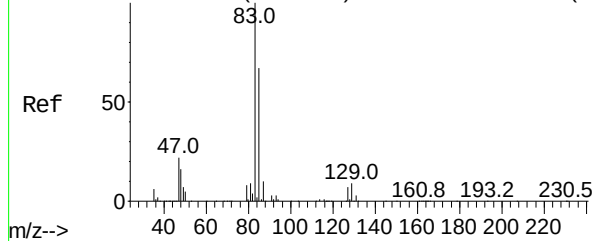
Abundance Scan 922 (3.072 min): VL042041.D\data.ms (-766) (-)



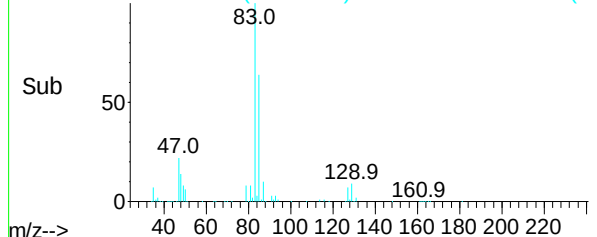
Abundance Scan 1355 (4.474 min): VL042015.D\data.ms (-1340) #42

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

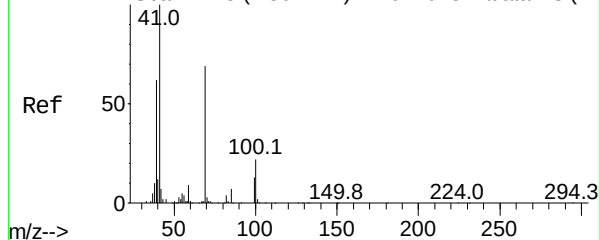
Tgt Ion:	83	Resp:	312250
Ion	Ratio	Lower	Upper
83	100		
85	64.3	53.3	79.9
127	7.2	6.0	9.0



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



Abundance Scan 1475 (4.862 min): VL042015.D\data.ms (-14614)

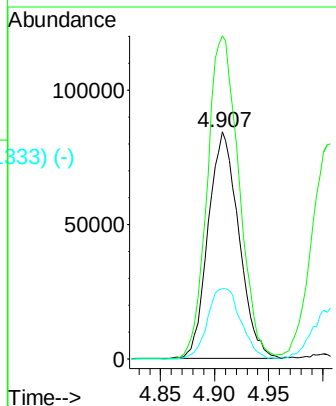
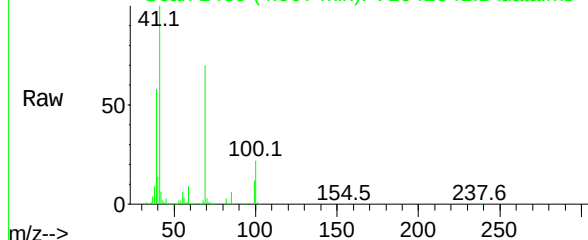


Methyl Methacrylate
Concen: 7.091 ppbv
RT: 4.907 min Scan#
Delta R.T. 0.003 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

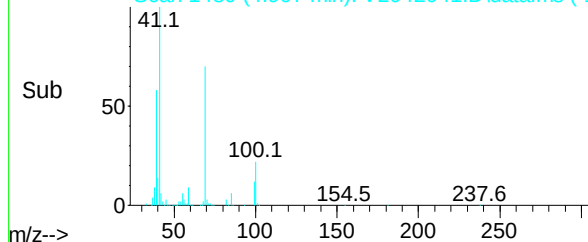
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC010

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

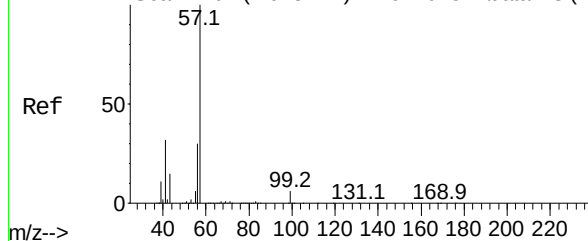
Abundance Scan 1489 (4.907 min): VL042041.D\data.ms



Abundance Scan 1489 (4.907 min): VL042041.D\data.ms (-1333) (-)



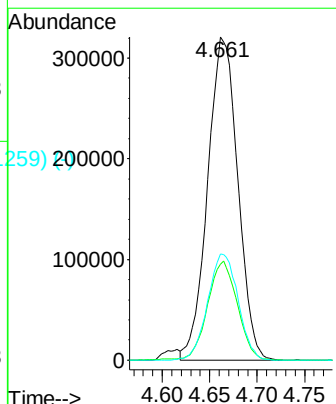
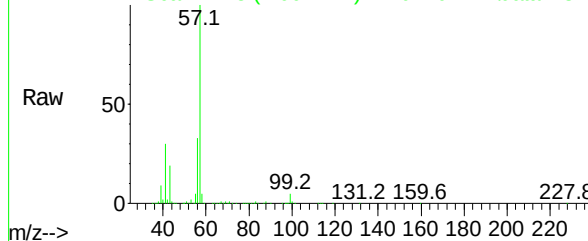
Abundance Scan 1401 (4.623 min): VL042015.D\data.ms (-13854)



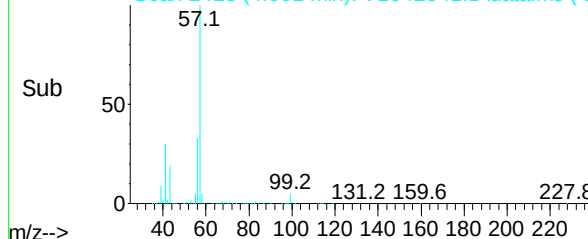
2,2,4-Trimethylpentane
Concen: 8.122 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. -0.003 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

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

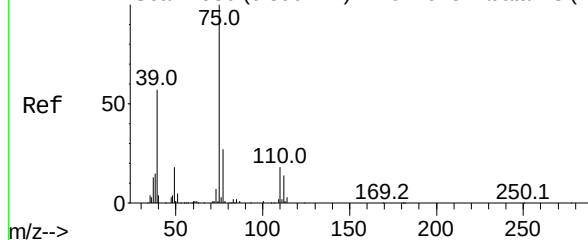
Abundance Scan 1413 (4.661 min): VL042041.D\data.ms



Abundance Scan 1413 (4.661 min): VL042041.D\data.ms (-1259) (-)



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

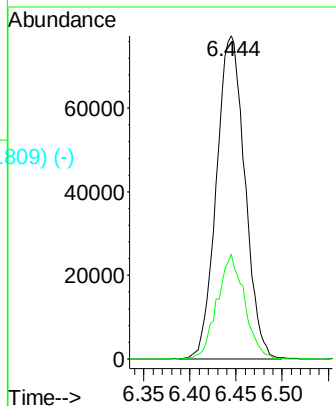
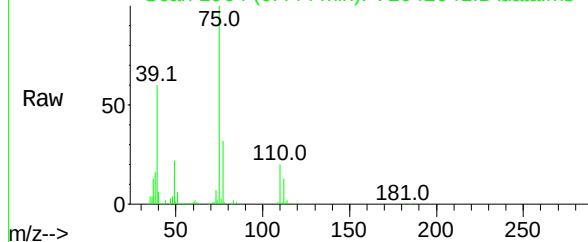


#15
t-1,3-Dichloropropene
Concen: 7.544 ppbv
RT: 6.444 min Scan#
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

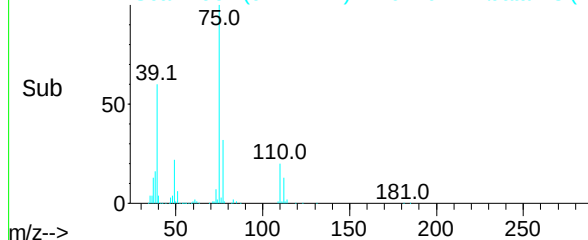
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 166207
Ion Ratio Lower Upper
75 100
77 32.4 22.1 33.1

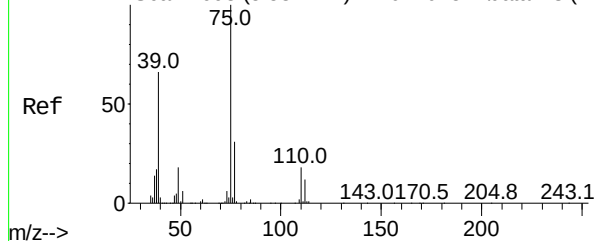
Abundance Scan 1964 (6.444 min): VL042041.D\data.ms



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



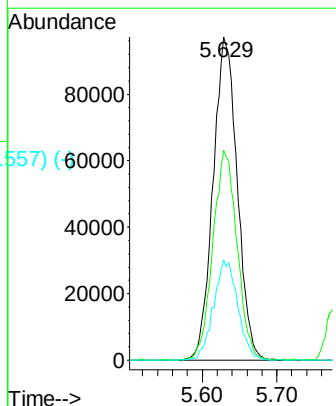
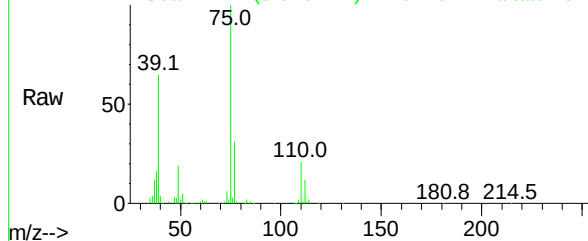
Abundance Scan 1698 (5.584 min): VL042015.D\data.ms (-1682)



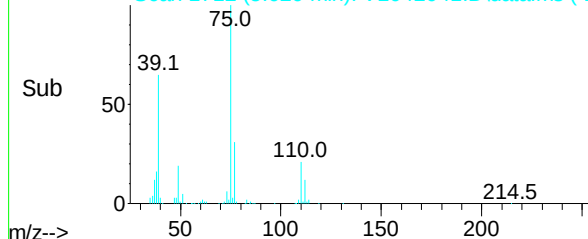
#16
cis-1,3-Dichloropropene
Concen: 7.809 ppbv
RT: 5.629 min Scan# 1712
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

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

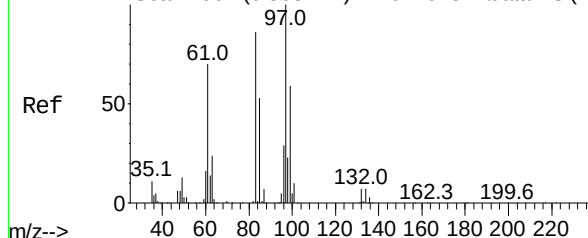
Abundance Scan 1712 (5.629 min): VL042041.D\data.ms



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



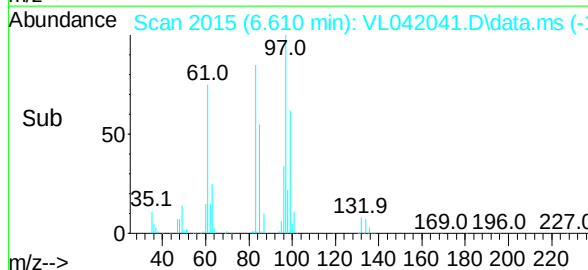
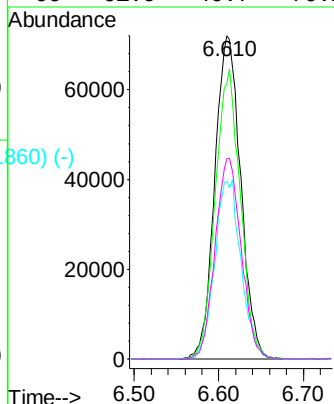
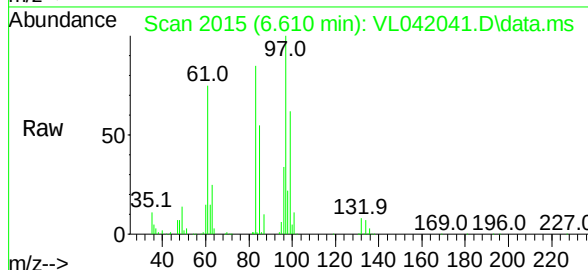
Abundance Scan 2001 (6.565 min): VL042015.D\data.ms (-1985)



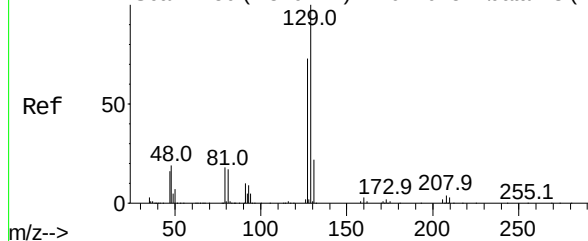
1,1,2-Trichloroethane
Concen: 7.723 ppbv
RT: 6.610 min Scan#
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC010

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

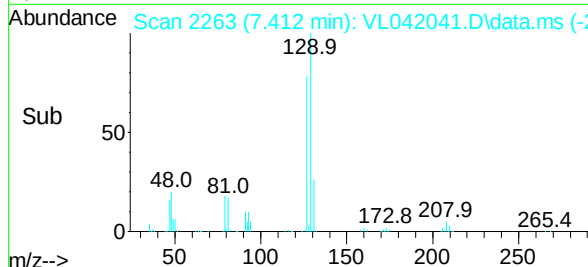
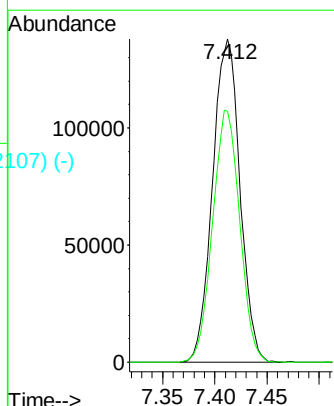
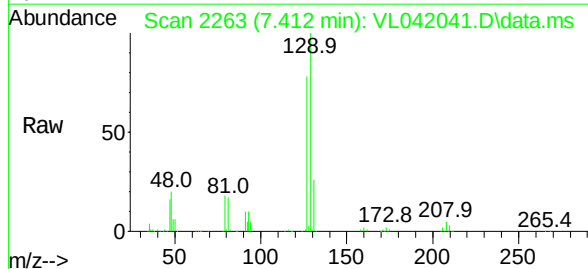


Abundance Scan 2250 (7.370 min): VL042015.D\data.ms (-2237)

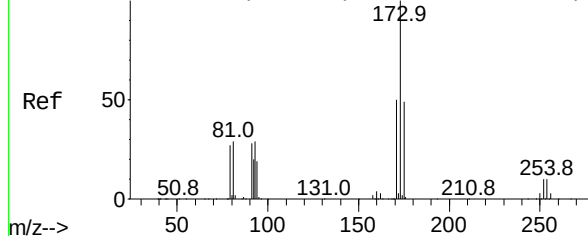


Dibromochloromethane
Concen: 7.593 ppbv
RT: 7.412 min Scan# 2263
Delta R.T. 0.004 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

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



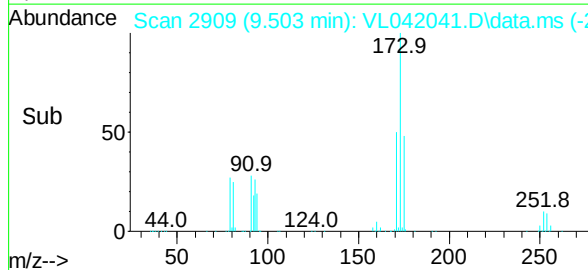
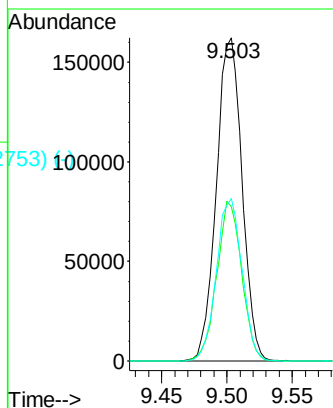
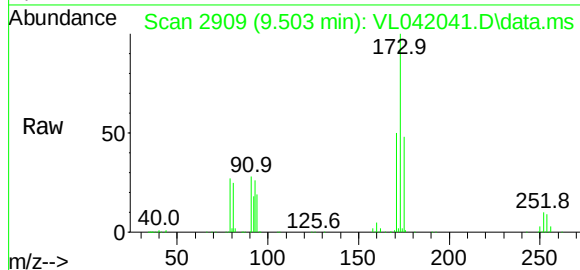
Abundance Scan 2899 (9.471 min): VL042015.D\data.ms (-28879)



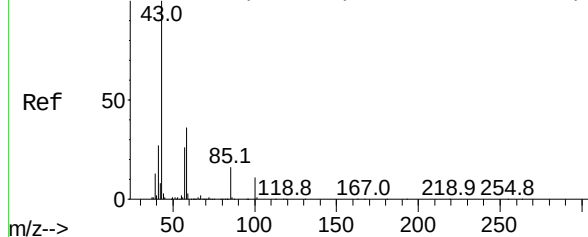
Bromoform
Concen: 8.183 ppbv
RT: 9.503 min Scan#
Delta R.T. 0.004 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC010

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

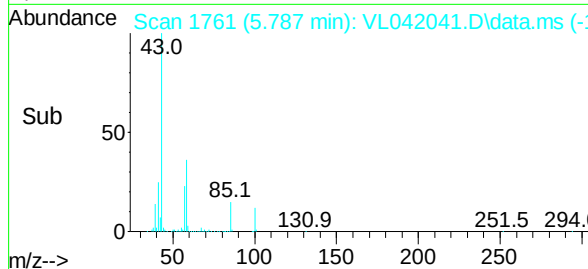
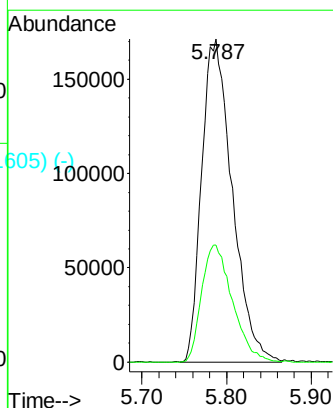
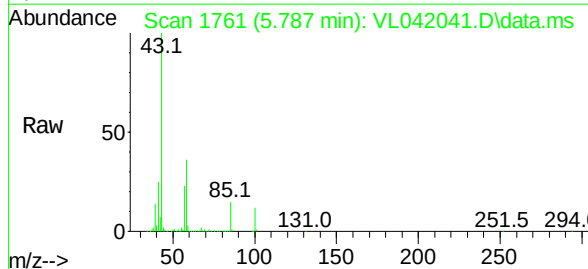


Abundance Scan 1743 (5.729 min): VL042015.D\data.ms (-17350)

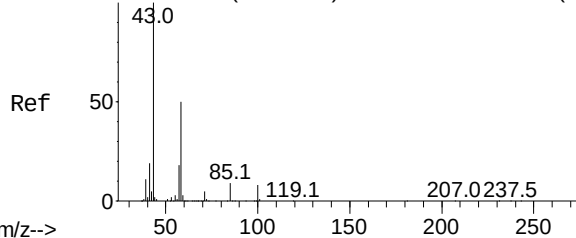


4-Methyl-2-Pentanone
Concen: 7.666 ppbv
RT: 5.787 min Scan# 1761
Delta R.T. 0.003 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

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

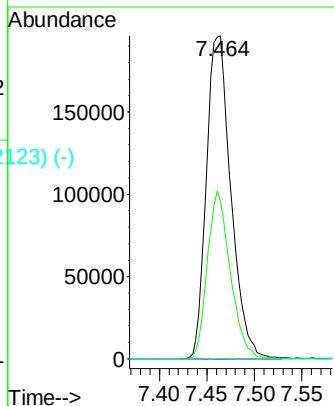
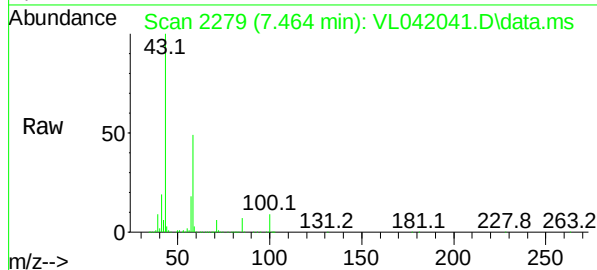


Abundance Scan 2265 (7.419 min): VL042015.D\data.ms (-22551)

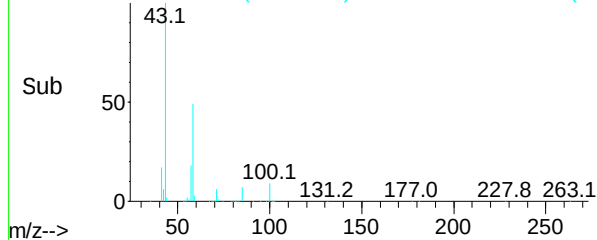


Instrument : MSVOA_1
 ClientSampleId : VSTDIC010
 2-Hexanone
 Concen: 7.709 ppbv
 RT: 7.464 min Scan#
 Delta R.T. 0.004 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

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#



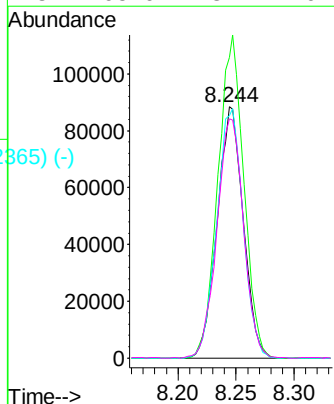
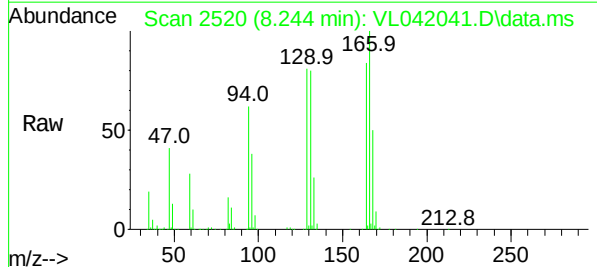
Abundance Scan 2279 (7.464 min): VL042041.D\data.ms (-2123) (-)



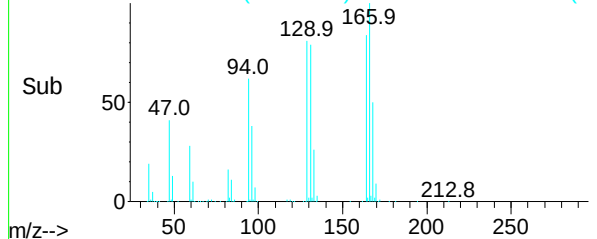
Abundance Scan 2510 (8.212 min): VL042015.D\data.ms (-24952)

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

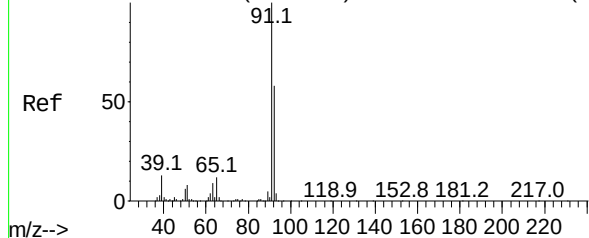
Tgt Ion:	164	Resp:	138263
Ion	Ratio	Lower	Upper
164	100		
166	119.6	102.2	153.2
129	96.4	82.2	123.4
131	95.0	73.7	110.5



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



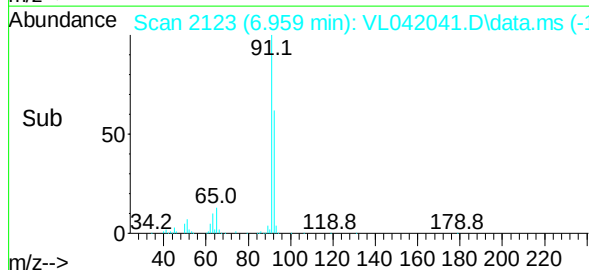
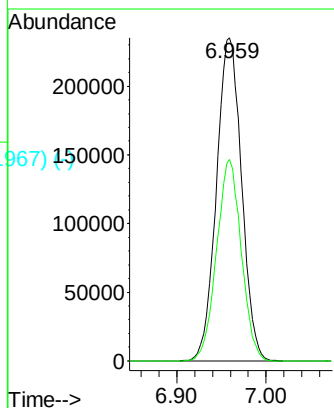
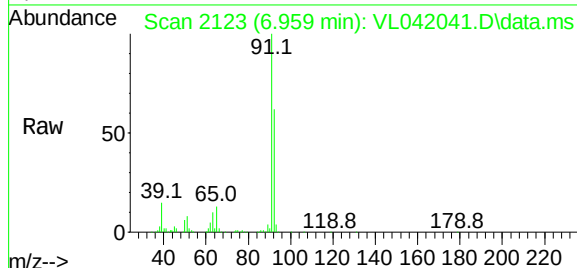
Abundance Scan 2110 (6.917 min): VL042015.D\data.ms (-20953)



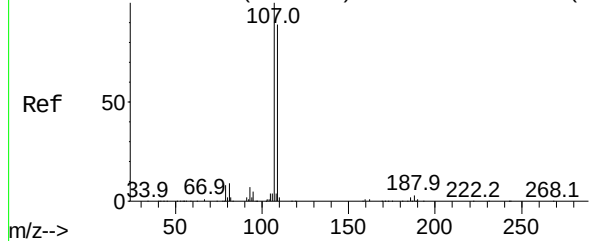
Toluene
Concen: 7.541 ppbv
RT: 6.959 min Scan# 2110
Delta R.T. 0.004 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC010

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

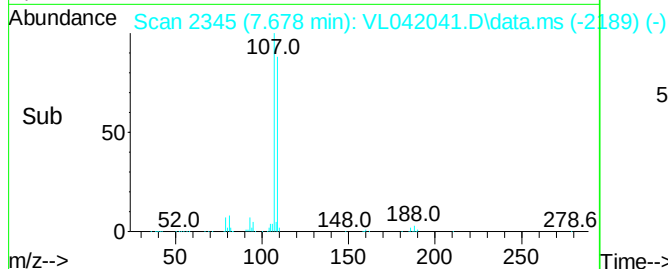
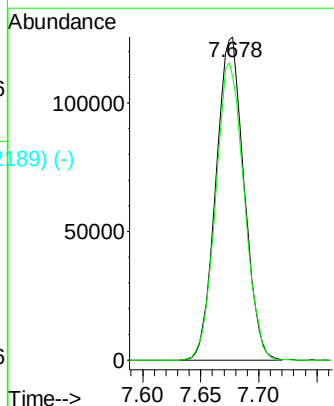
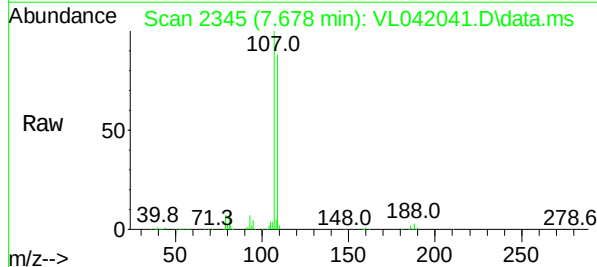


Abundance Scan 2333 (7.639 min): VL042015.D\data.ms (-23154)

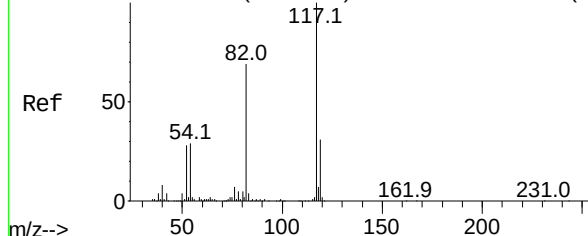


1,2-Dibromoethane
Concen: 7.772 ppbv
RT: 7.678 min Scan# 2345
Delta R.T. 0.003 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

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



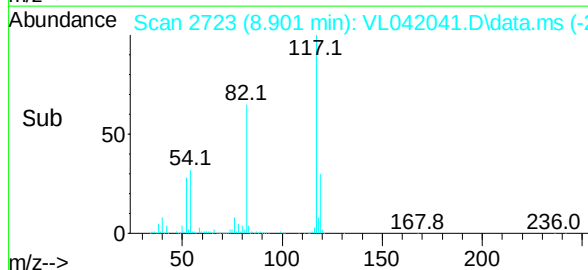
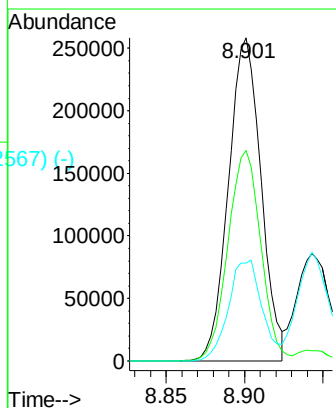
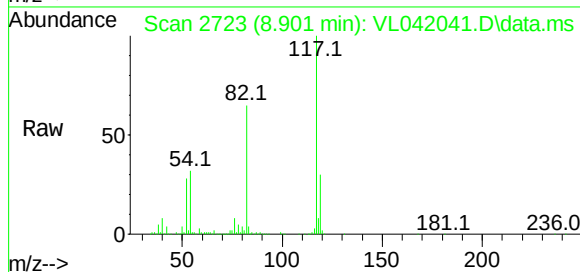
Abundance Scan 2713 (8.869 min): VL042015.D\data.ms (-27055)



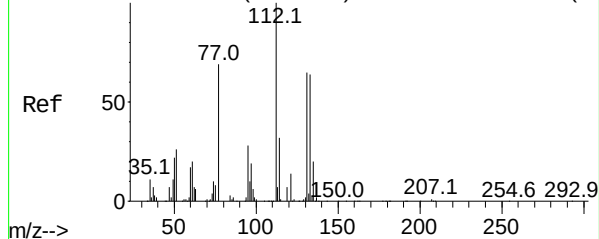
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan#
Delta R.T. 0.004 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC010

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

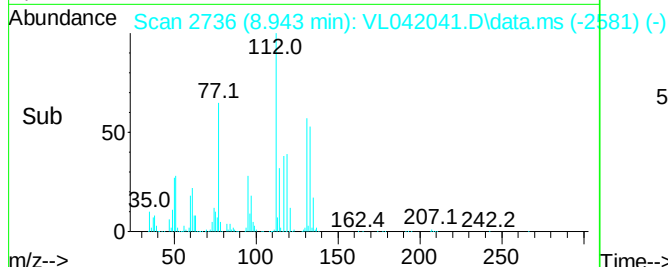
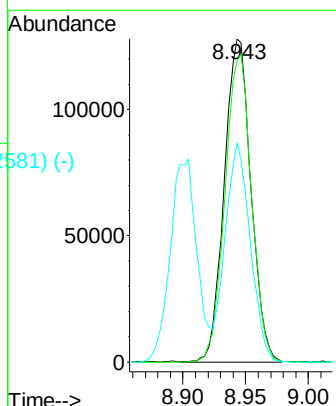
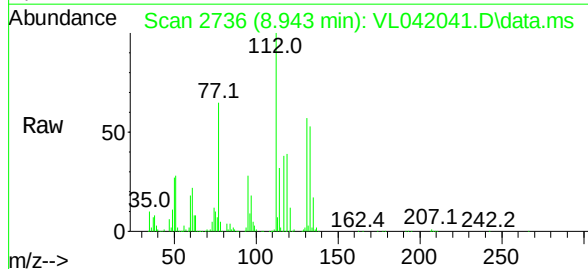


Abundance Scan 2727 (8.914 min): VL042015.D\data.ms (-27056)



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

Chlorobenzene

Concen: 7.735 ppbv

RT: 8.940 min Scan#

Delta R.T. 0.000 min

Lab File: VL042041.D

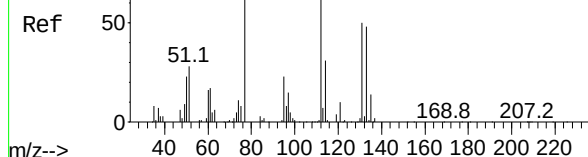
Acq: 25 Feb 2025 08:56

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC010



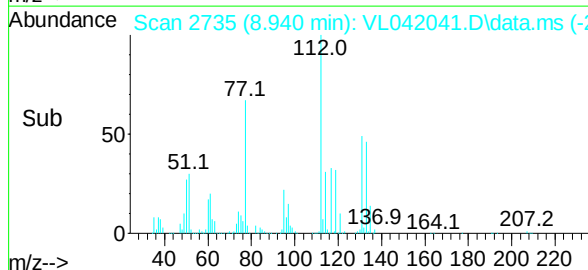
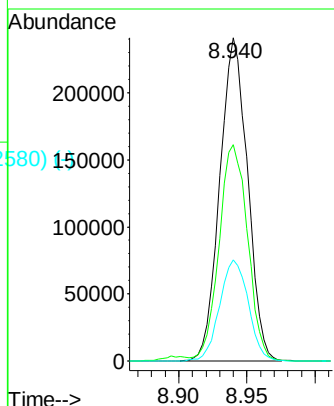
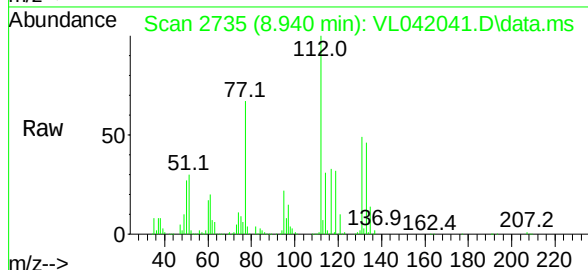
Tgt Ion: 112 Resp: 340525

Ion Ratio Lower Upper

112 100

77 66.8 56.2 84.2

114 31.4 28.2 34.4



Abundance Scan 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

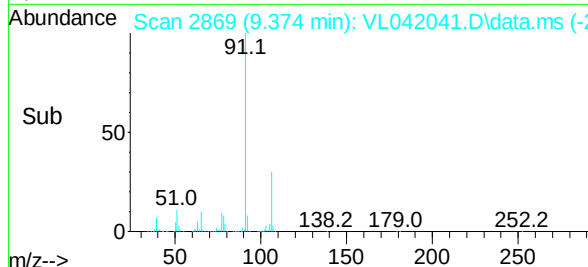
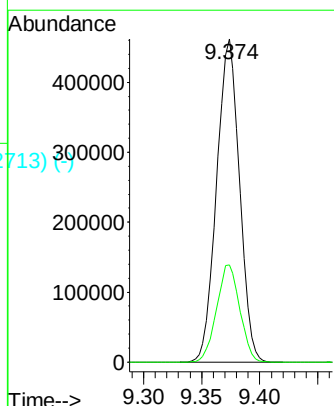
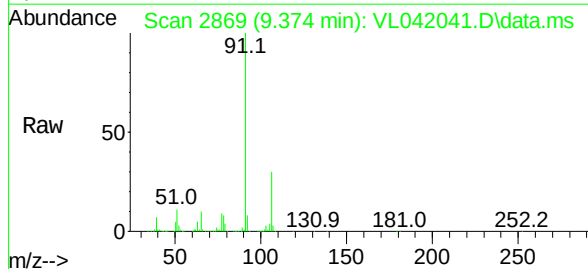
Acq: 25 Feb 2025 08:56

Tgt Ion: 91 Resp: 633939

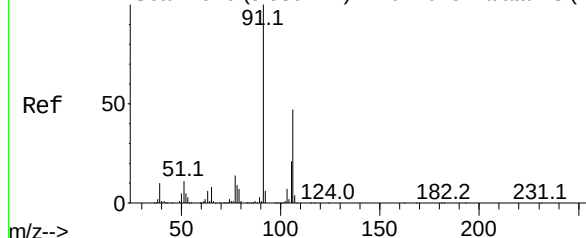
Ion Ratio Lower Upper

91 100

106 30.2 23.1 34.7



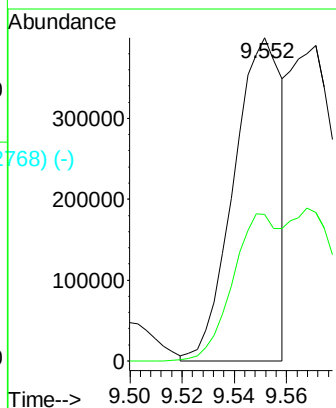
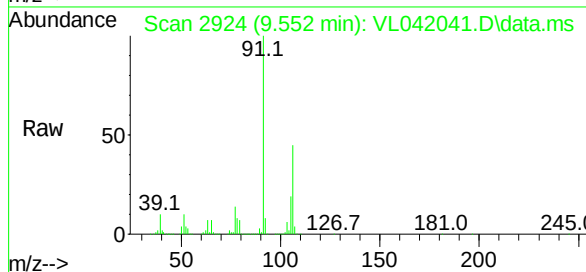
Abundance Scan 2920 (9.539 min): VL042015.D\data.ms (-29059)



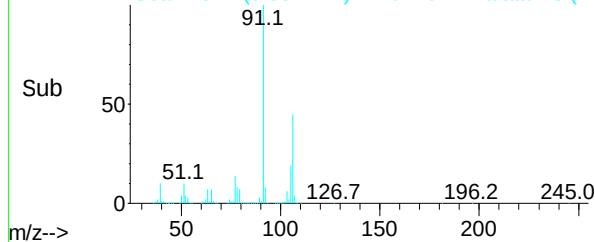
m/p-Xylene
Concen: 7.827 ppbv
RT: 9.552 min Scan# 2920
Delta R.T. 0.004 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC010

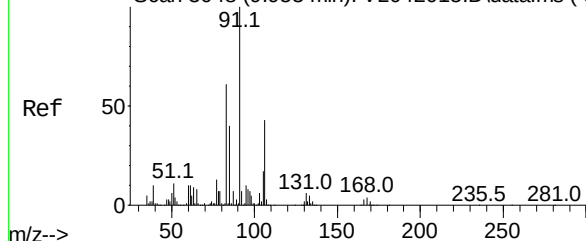
Tgt Ion: 91 Resp: 504964
Ion Ratio Lower Upper
91 100
106 0.0 35.8 53.8#



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

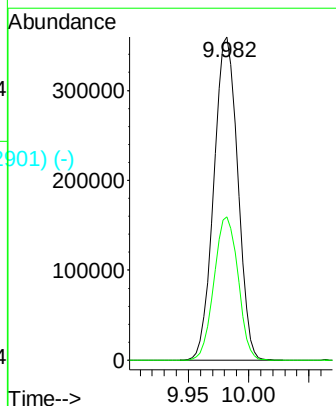
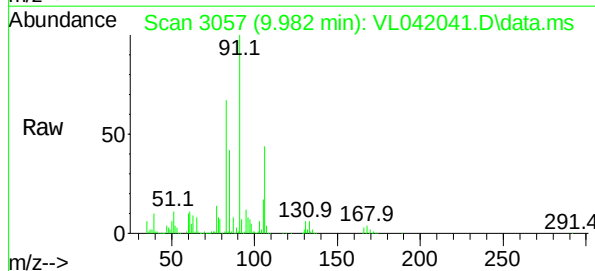


Abundance Scan 3048 (9.953 min): VL042015.D\data.ms (-30360)

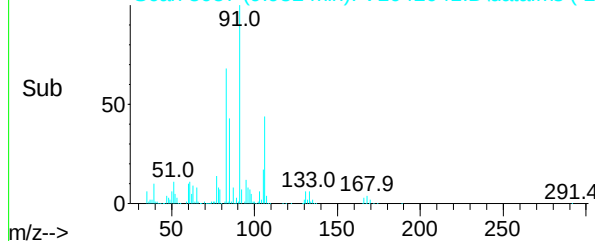


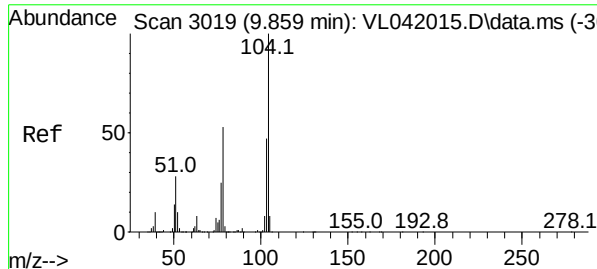
o-Xylene
Concen: 7.557 ppbv
RT: 9.982 min Scan# 3057
Delta R.T. 0.004 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

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 (-2901) (-)

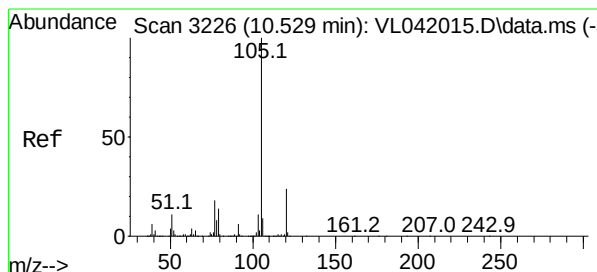
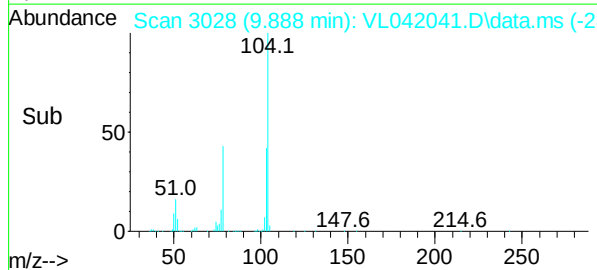
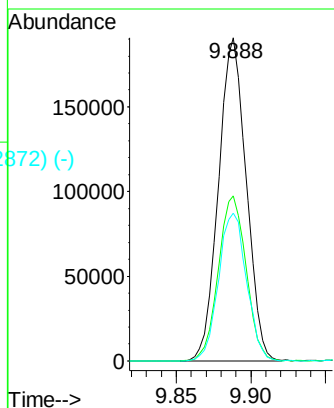
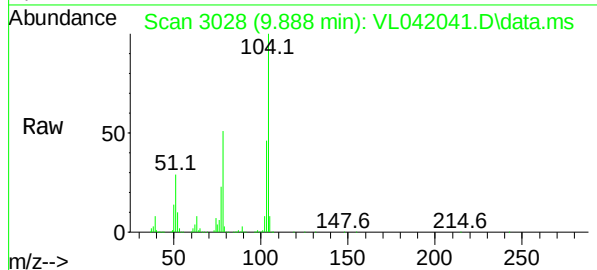




Styrene
Concen: 7.912 ppbv
RT: 9.888 min Scan#
Delta R.T. 0.004 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

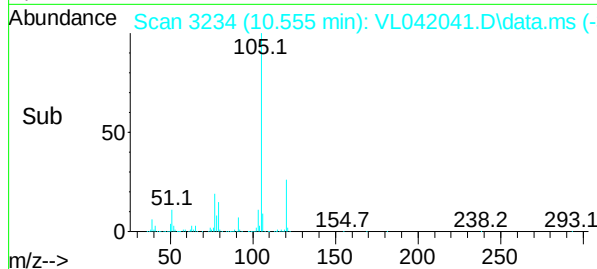
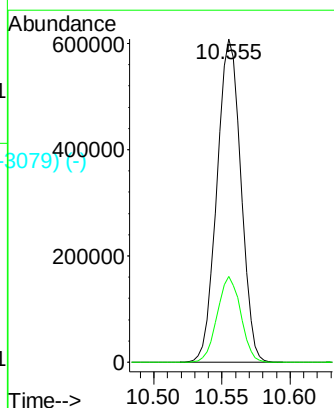
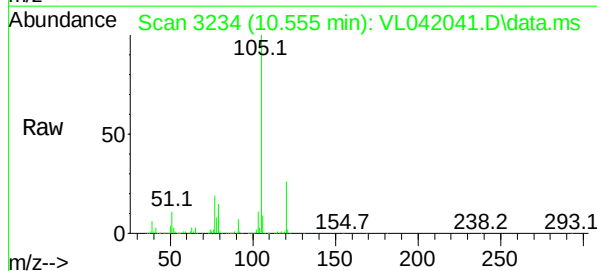
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC010

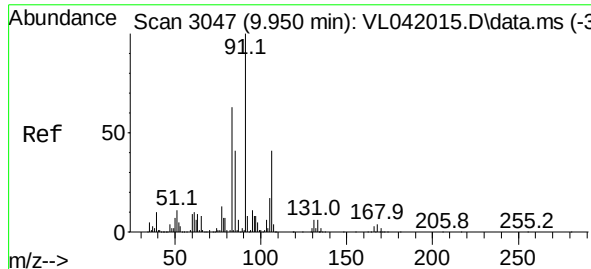
Tgt Ion:104 Resp: 246161
Ion Ratio Lower Upper
104 100
78 51.2 42.2 63.4
103 46.3 38.1 57.1



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

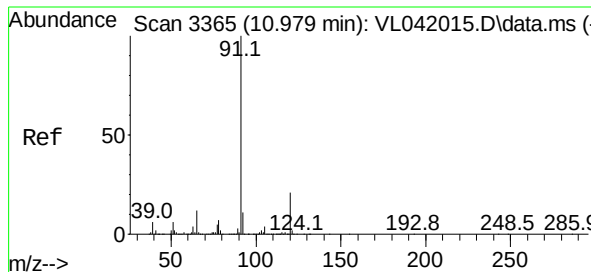
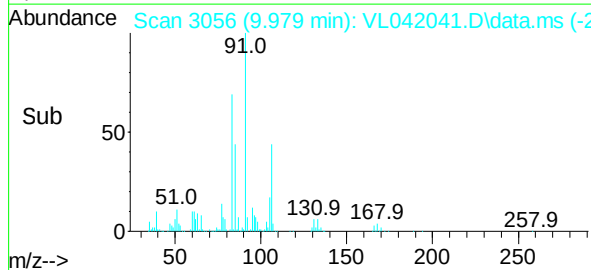
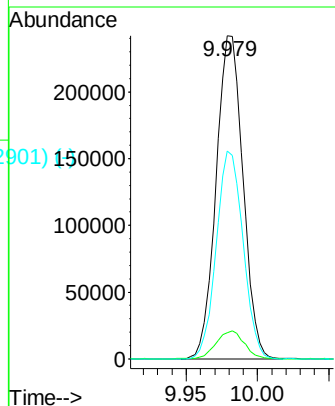
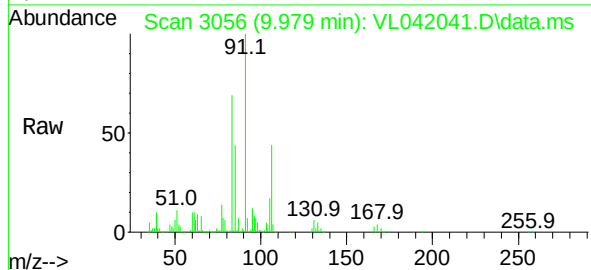




1,1,2,2-Tetrachloroethane
 Concen: 7.538 ppbv
 RT: 9.979 min Scan# 3373
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

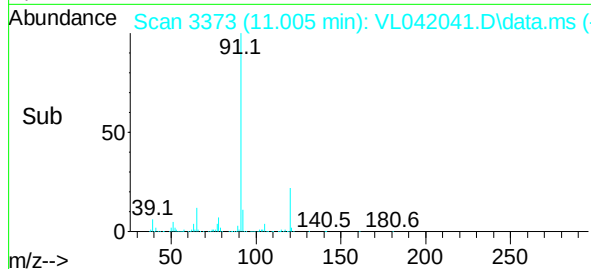
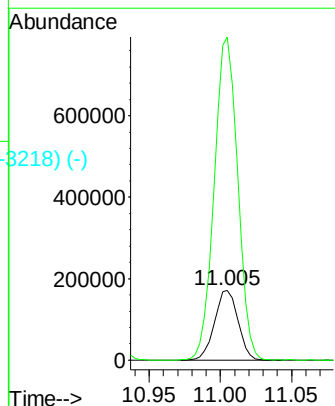
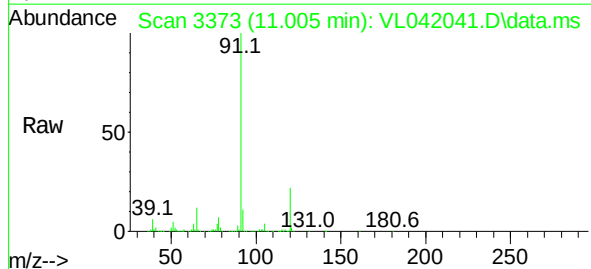
Instrument :
 MSVOA_1
 ClientSampleId :
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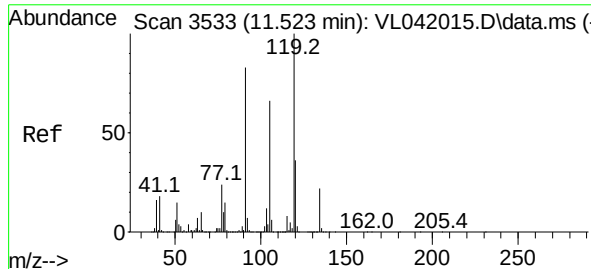
Tgt Ion:	83	Resp:	317313
Ion	Ratio	Lower	Upper
83	100		
131	9.1	5.0	15.0
85	64.2	32.1	96.3



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

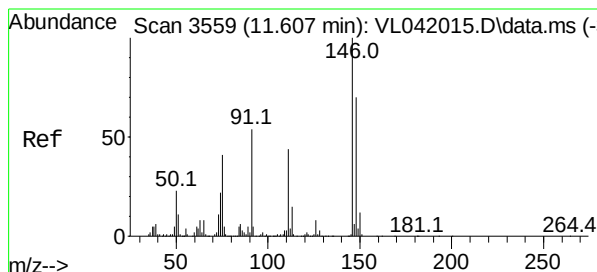
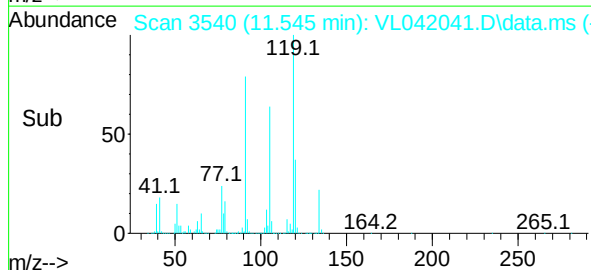
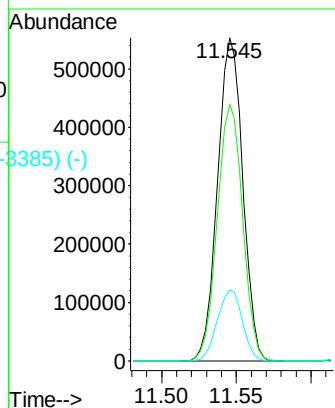
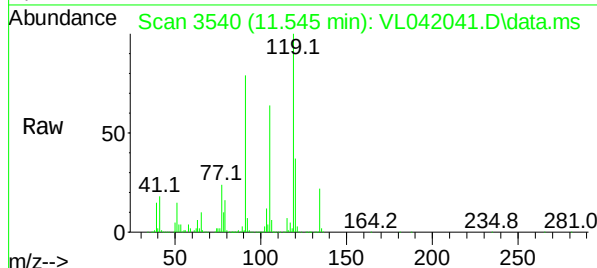




tert-Butylbenzene
Concen: 7.596 ppbv
RT: 11.545 min Scan#
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

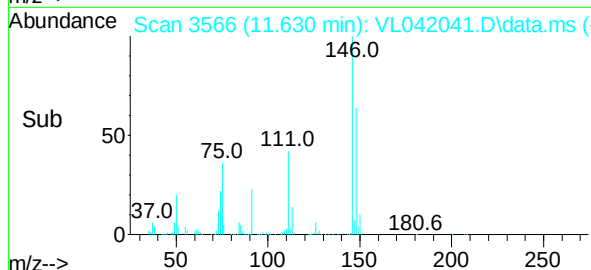
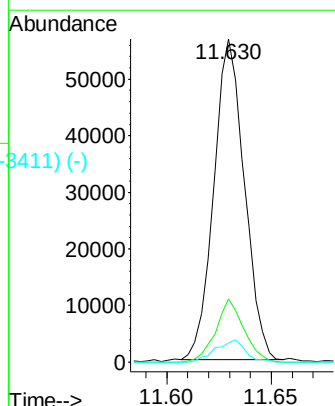
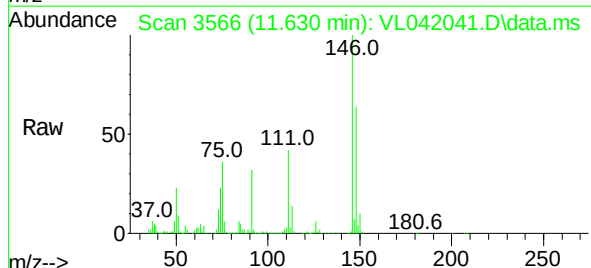
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC010

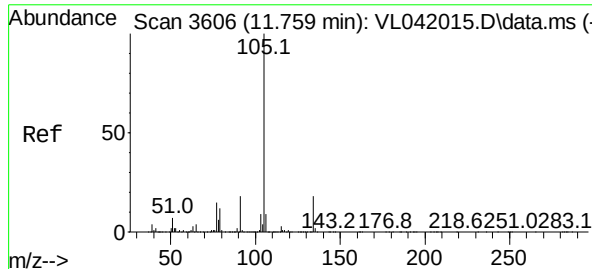
Tgt Ion:	119	Resp:	648698
Ion	Ratio	Lower	Upper
119	100		
91	80.2	66.5	99.7
134	21.8	16.6	24.8



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#

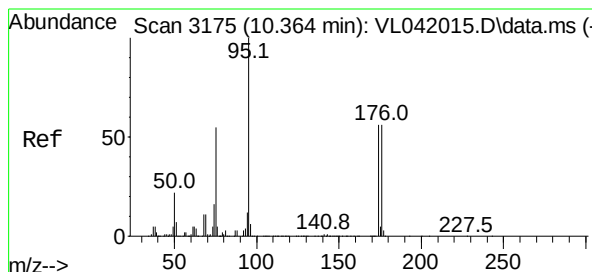
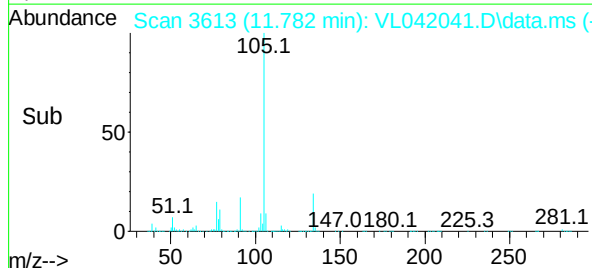
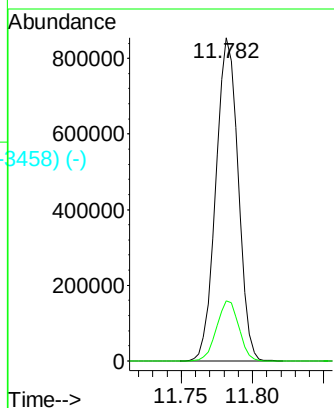
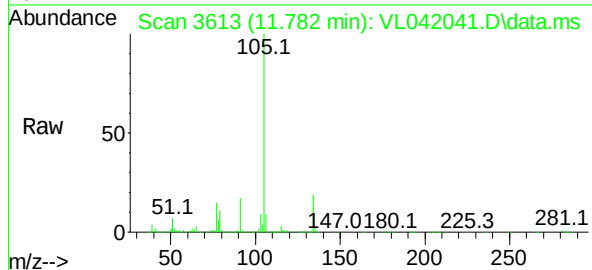




sec-Butylbenzene
Concen: 7.744 ppbv
RT: 11.782 min Scan#
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

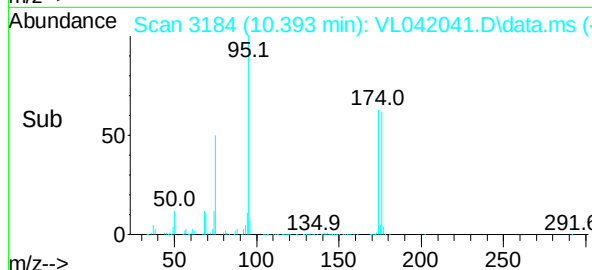
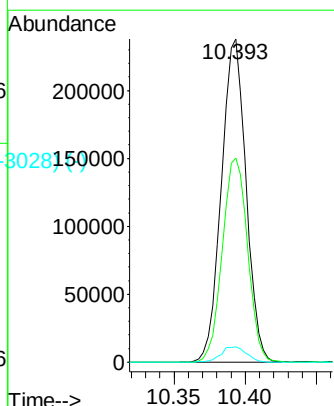
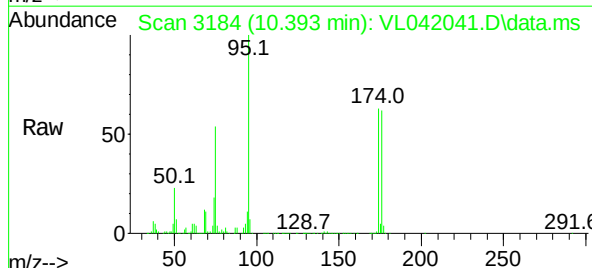
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC010

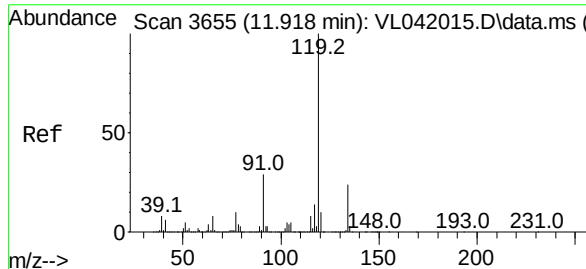
Tgt Ion: 105 Resp: 928863
Ion Ratio Lower Upper
105 100
134 18.6 14.7 22.1



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

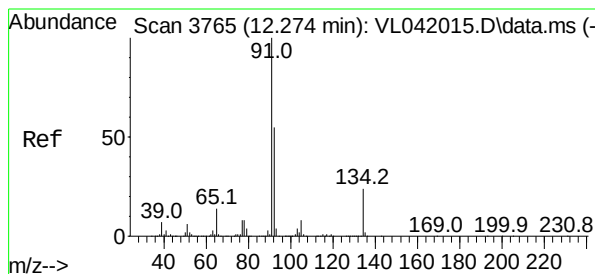
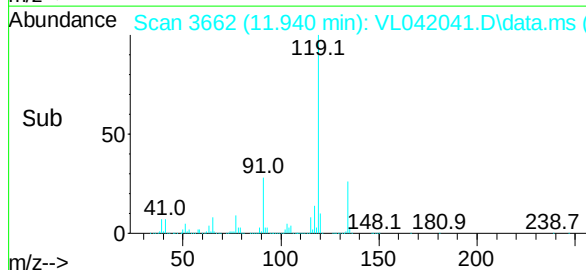
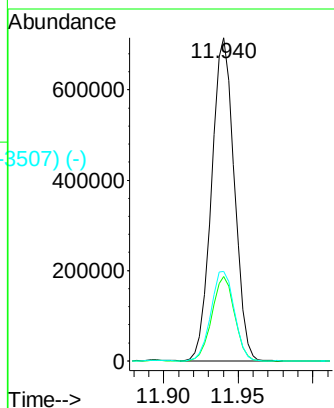
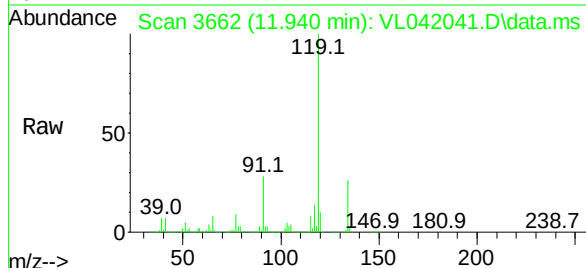




p-Isopropyltoluene
 Concen: 7.702 ppbv
 RT: 11.940 min Scan# 3662
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

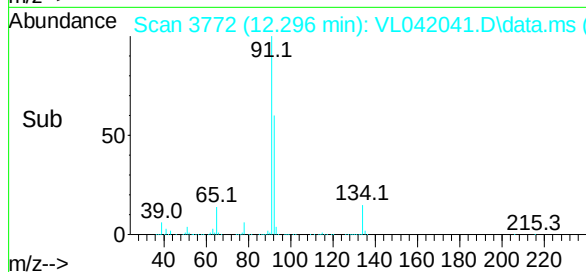
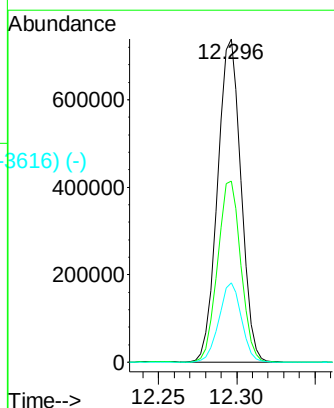
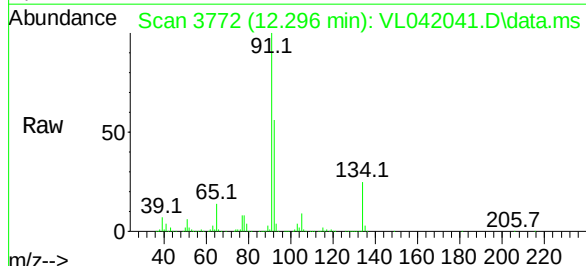
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC010

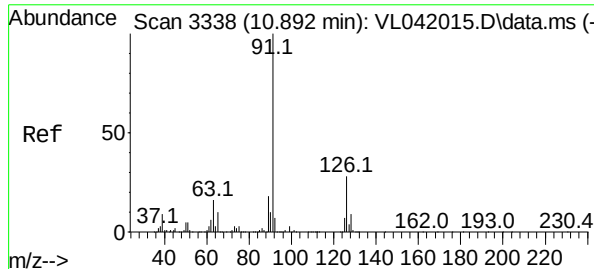
Tgt Ion:	119	Resp:	756264
Ion	Ratio	Lower	Upper
119	100		
134	26.1	19.4	29.0
91	28.9	23.4	35.2



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

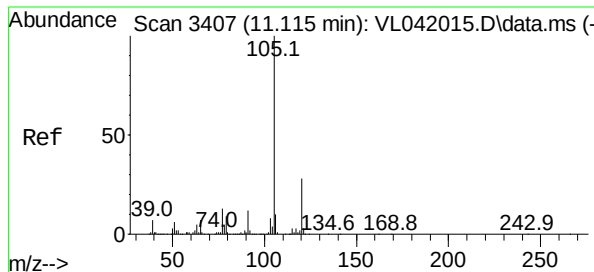
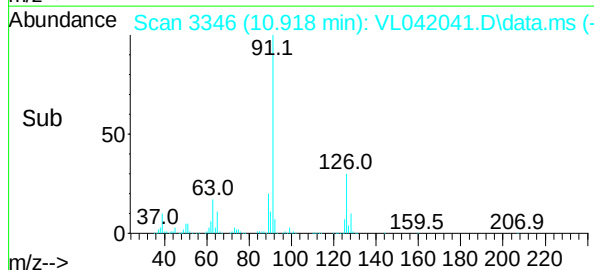
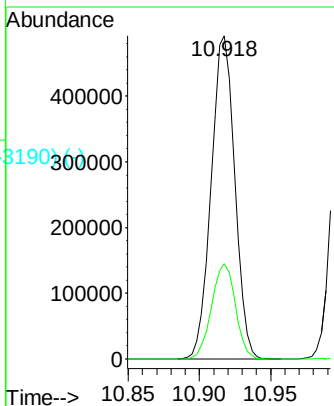
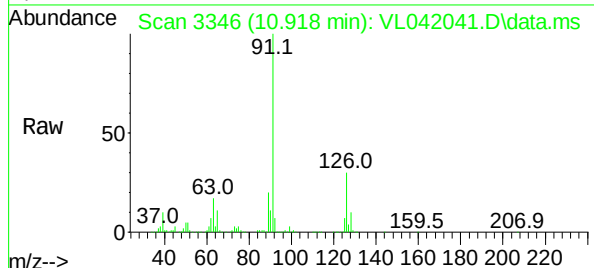




2-Chlorotoluene
 Concen: 7.681 ppbv
 RT: 10.918 min Scan#
 Delta R.T. 0.003 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

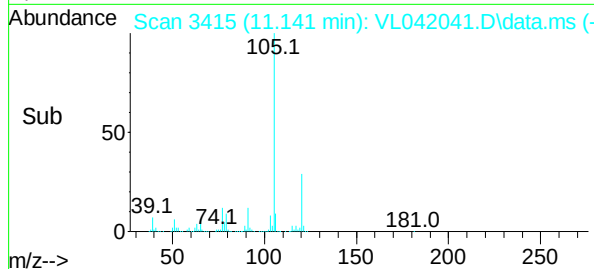
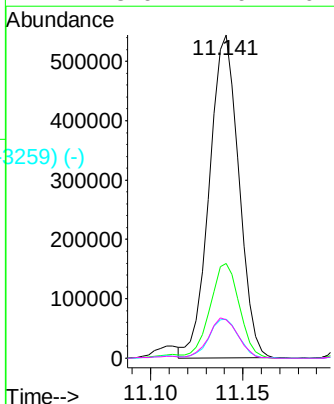
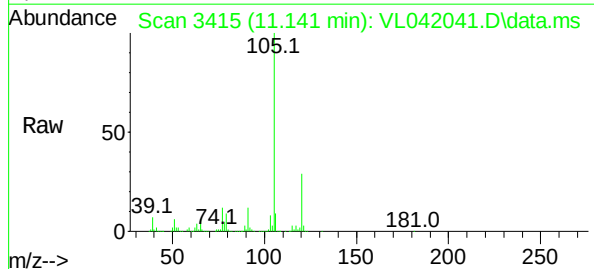
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC010

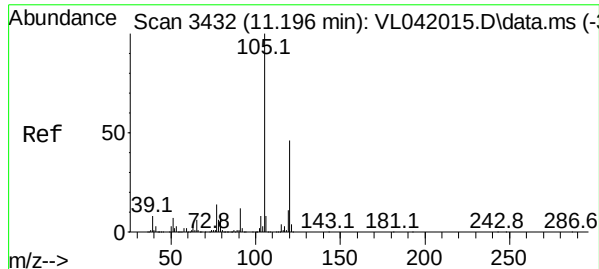
Tgt Ion: 91 Resp: 566619
 Ion Ratio Lower Upper
 91 100
 126 29.7 11.2 45.0



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

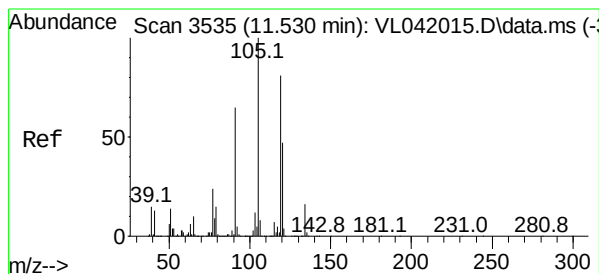
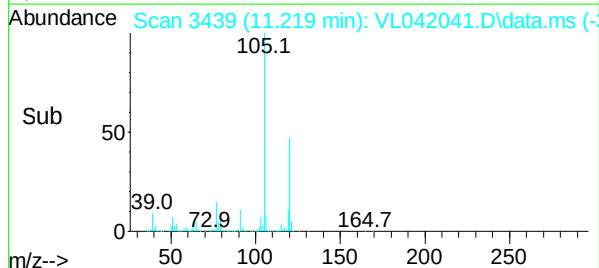
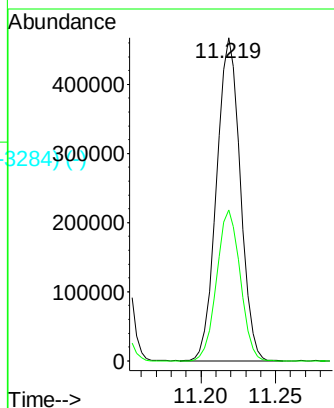
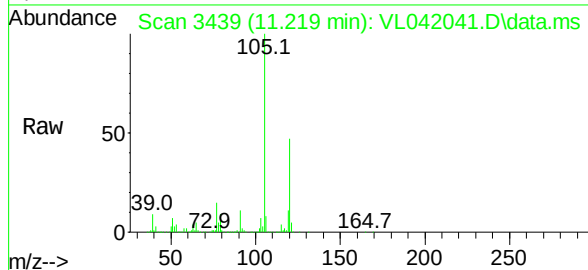




1,3,5-Trimethylbenzene
Concen: 7.838 ppbv
RT: 11.219 min Scan#
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

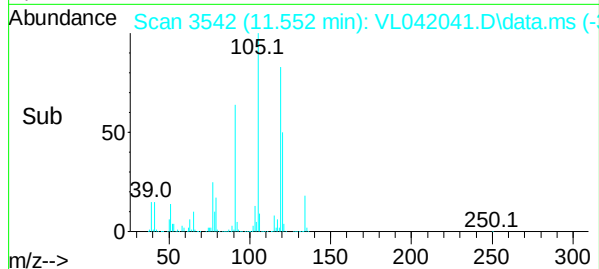
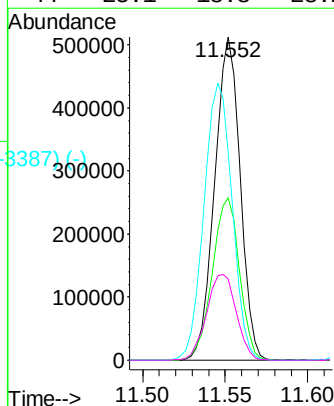
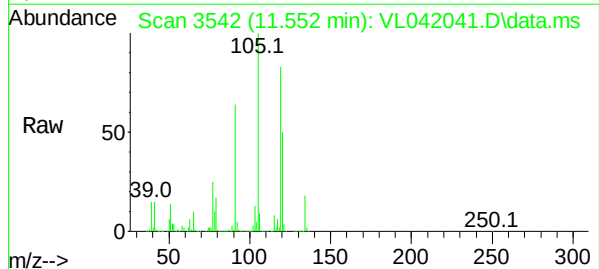
Instrument :
MSVOA_1
ClientSampleId :
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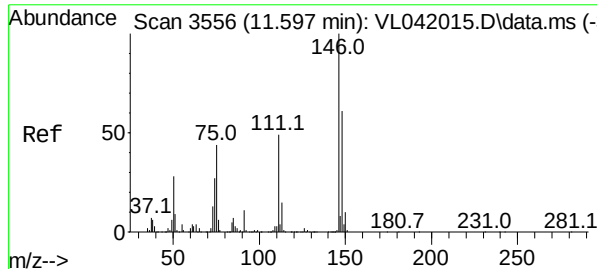
Tgt Ion:105 Resp: 516875
Ion Ratio Lower Upper
105 100
120 46.7 37.1 55.7



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

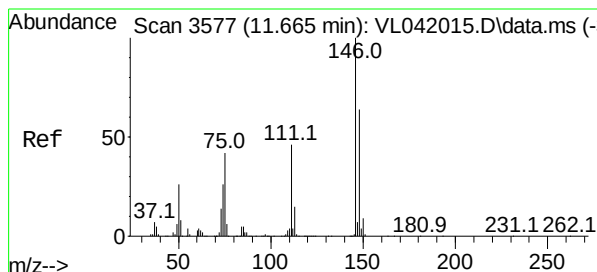
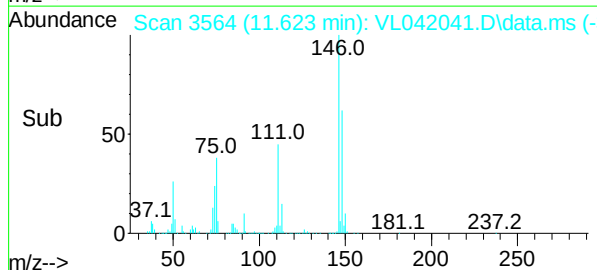
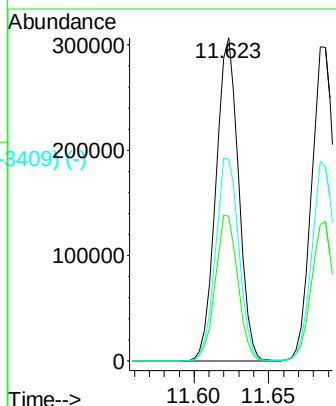
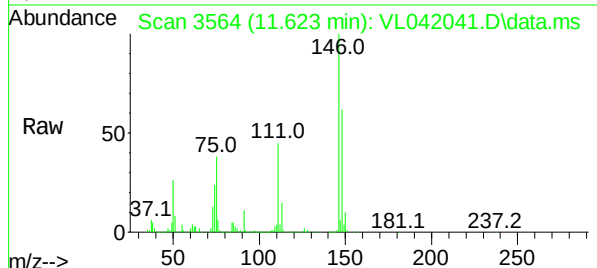




1,3-Dichlorobenzene
Concen: 8.535 ppbv
RT: 11.623 min Scan#
Delta R.T. 0.000 min
Lab File: VL042041.D
Acq: 25 Feb 2025 08:56

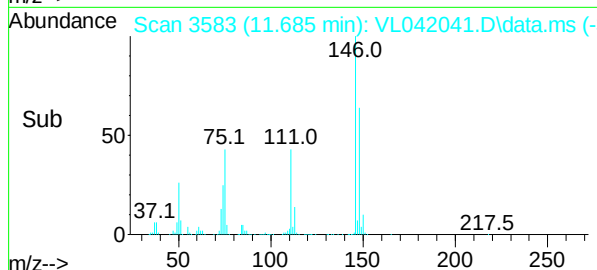
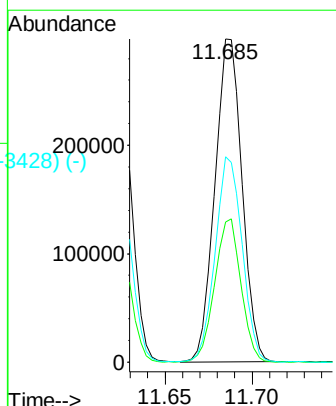
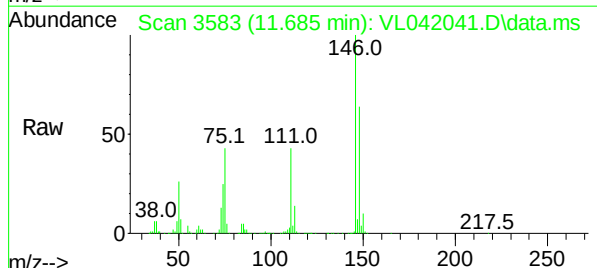
Instrument :
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ClientSampleId :
VSTDIC010

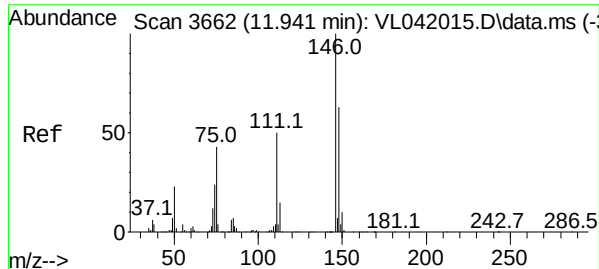
Tgt Ion:146 Resp: 325160
Ion Ratio Lower Upper
146 100
111 44.8 23.9 71.7
148 64.5 31.5 94.5



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

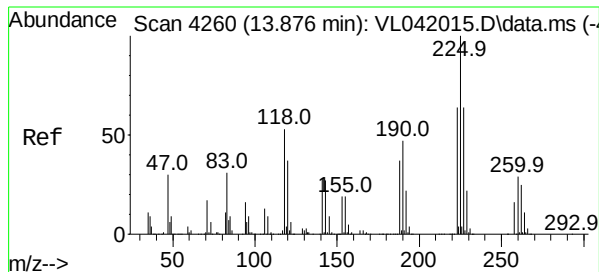
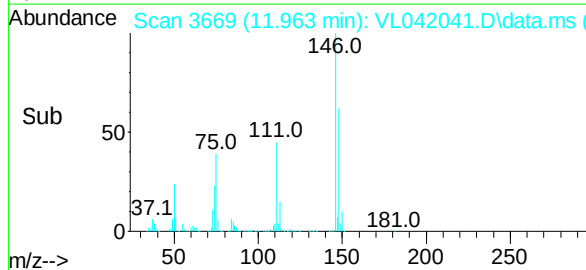
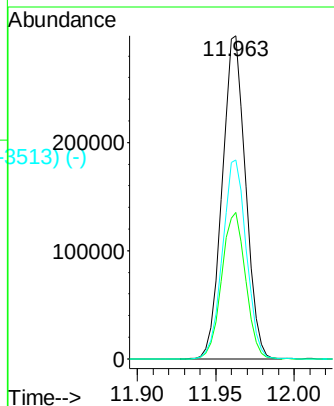
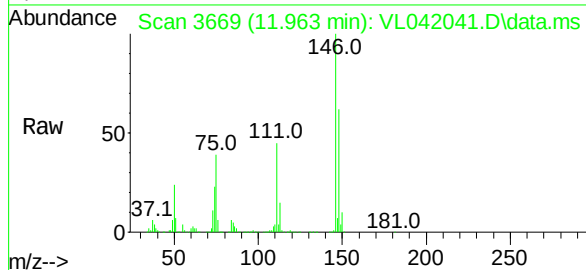




1,2-Dichlorobenzene
 Concen: 8.593 ppbv
 RT: 11.963 min Scan#
 Delta R.T. 0.003 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

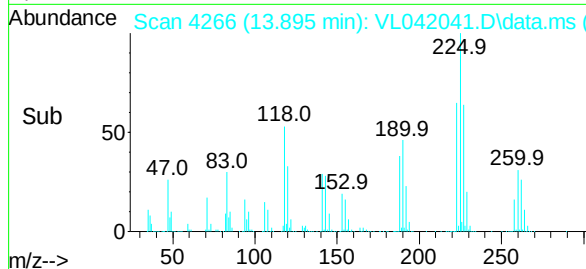
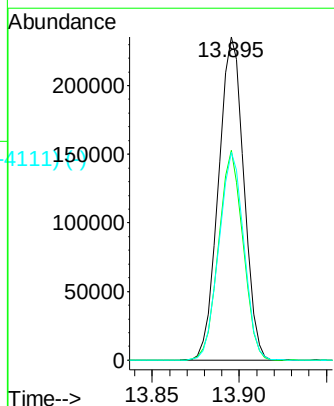
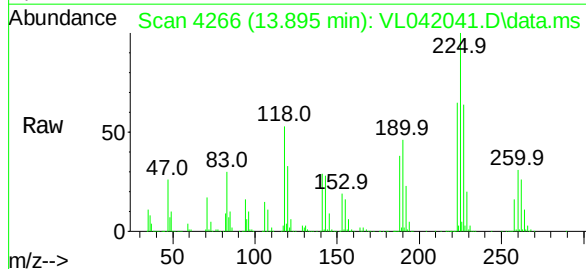
Instrument :
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 ClientSampleId :
 VSTDIC010

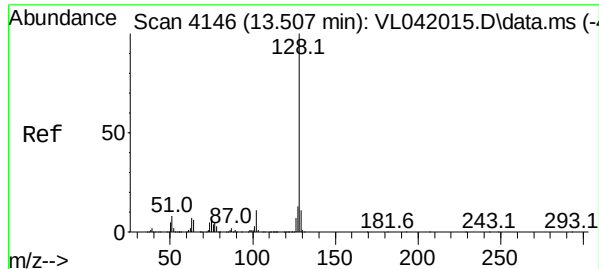
Tgt Ion:	146	Resp:	312942
Ion	Ratio	Lower	Upper
146	100		
111	46.4	25.6	76.8
148	62.8	31.9	95.7



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

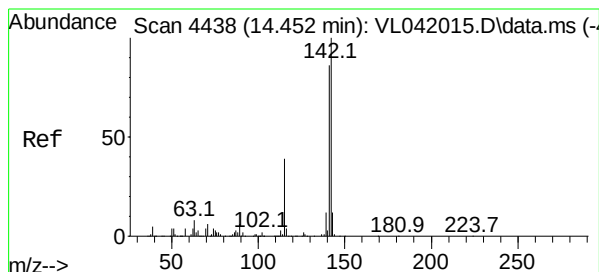
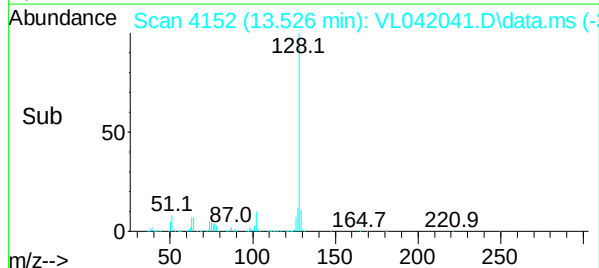
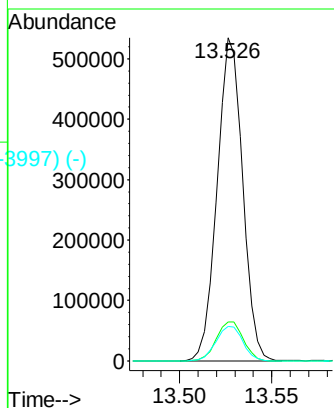
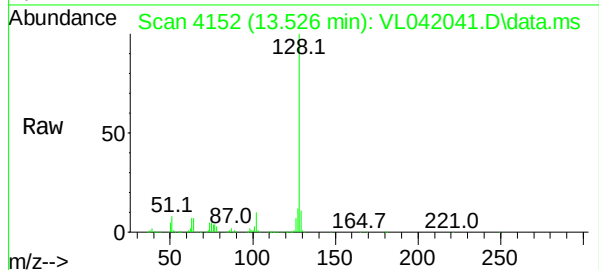




Naphthalene
 Concen: 7.372 ppbv
 RT: 13.526 min Scan#
 Delta R.T. 0.000 min
 Lab File: VL042041.D
 Acq: 25 Feb 2025 08:56

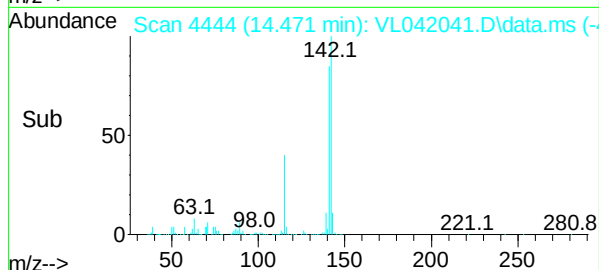
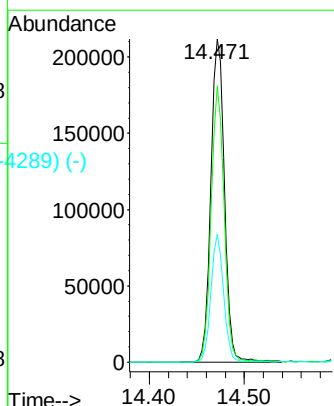
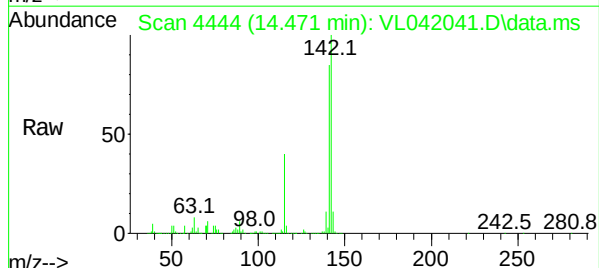
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC010

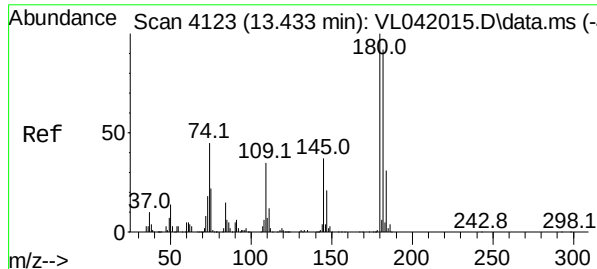
Tgt Ion:	128	Resp:	513192
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.2
129	10.7	8.6	13.0



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





#01 (-)
 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 :
 VSTDIC010

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

