

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022525\
 Data File : VL042047.D
 Acq On : 25 Feb 2025 12:07
 Operator : SY/MD
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Quant Time: Feb 25 12:35:10 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 25 10:31:48 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	159015	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	401919	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.904	117	351637	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.393	95	273846	9.441	ppbv	0.00
Spiked Amount	10.000	Range 65 - 135	Recovery	=	94.400%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	231978	8.474	ppbv	99
3) Chlorodifluoromethane	1.479	51	324821	10.733	ppbv	100
4) Chloromethane	1.537	50	82097	7.718	ppbv	98
5) Vinyl Chloride	1.586	62	81863	6.436	ppbv	99
6) Bromomethane	1.673	94	39366	7.983	ppbv	97
7) Chloroethane	1.709	64	33329	8.039	ppbv	92
8) Dichlorotetrafluoroethane	1.560	85	188716	7.837	ppbv	98
9) Propene	1.489	41	133086	10.201	ppbv	97
10) Heptane	5.004	43	400418	11.052	ppbv	99
11) Trichlorofluoromethane	1.884	101	230938	8.383	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.149	101	184306	8.579	ppbv	99
13) Ethanol	1.725	45	4281	2.909	ppbv	100
14) Bromoethene	1.787	108	65496	8.164	ppbv	99
15) Acetone	1.842	43	172538	6.574	ppbv	98
16) 1,3-Butadiene	1.615	39	87490	7.027	ppbv	100
17) tert-Butyl alcohol	2.049	59	239569	7.377	ppbv	98
18) 1,1-Dichloroethene	2.042	96	80535	7.845	ppbv	98
19) Isopropyl Alcohol	1.894	45	102365	6.955	ppbv	99
20) Methylene Chloride	2.068	84	66282	6.709	ppbv	98
21) Allyl Chloride	2.104	41	140726	7.406	ppbv	99
22) trans-1,2-Dichloroethene	2.350	96	94321	8.466	ppbv	95
23) Vinyl Acetate	2.473	43	139727	9.831	ppbv	99
24) 1,1-Dichloroethane	2.418	63	180882	7.997	ppbv	99
25) Ethyl Acetate	2.848	43	767353	10.652	ppbv	99
26) Hexane	2.839	57	306864	10.615	ppbv	99
27) Carbon Disulfide	2.159	76	224609	8.261	ppbv	98
28) Methyl tert-Butyl Ether	2.453	73	168058	9.510	ppbv	98
29) Chloroform	2.861	83	409240	9.774	ppbv	100
30) Cyclohexane	3.874	84	256687	10.946	ppbv	98
31) cis-1,2-Dichloroethene	2.732	61	299324	10.476	ppbv	96
32) 1,1,1-Trichloroethane	3.386	97	417615	8.994	ppbv	98
34) 2-Butanone	2.570	43	457602	13.234	ppbv	98
35) Carbon Tetrachloride	3.780	117	410730	10.524	ppbv	96
36) Benzene	3.674	78	602107	12.367	ppbv	97
37) 1,2-Dichloroethane	3.233	62	335275	12.097	ppbv	99
38) Trichloroethene	4.573	130	228298	11.542	ppbv	98
39) 1,2-Dichloropropane	4.337	63	228418	12.797	ppbv	98
40) 1,4-Dioxane	4.609	88	104519	11.253	ppbv #	96
41) Tetrahydrofuran	3.068	42	271202	13.724	ppbv	100
42) Bromodichloromethane	4.512	83	461272	12.285	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022525\
 Data File : VL042047.D
 Acq On : 25 Feb 2025 12:07
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 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Quant Time: Feb 25 12:35:10 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 25 10:31:48 2025

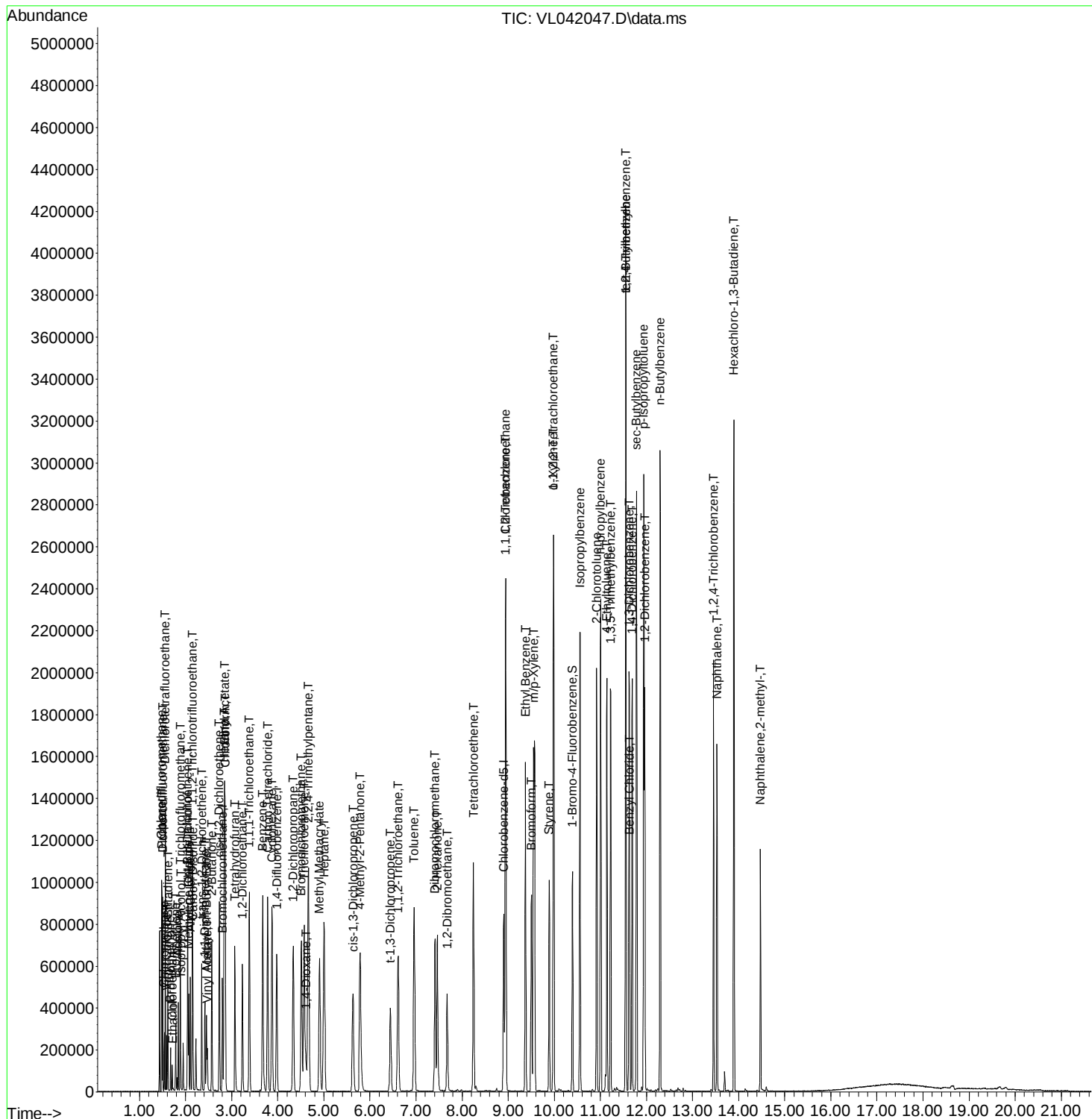
Response via : Initial Calibration

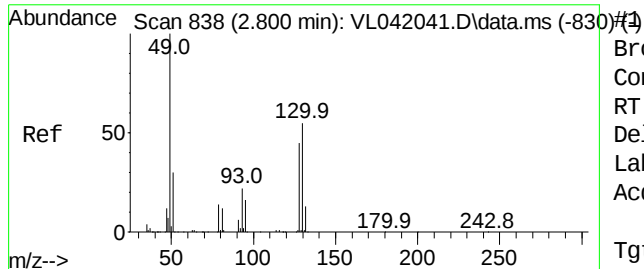
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Methyl Methacrylate	4.907	69	246468	11.105	ppbv	97
44) 2,2,4-Trimethylpentane	4.667	57	1054880	12.763	ppbv	99
45) t-1,3-Dichloropropene	6.444	75	249612	11.914	ppbv	95
46) cis-1,3-Dichloropropene	5.635	75	317266	11.935	ppbv	98
47) 1,1,2-Trichloroethane	6.609	97	226021	12.032	ppbv	95
48) Dibromochloromethane	7.412	129	369666	11.750	ppbv	99
49) Bromoform	9.503	173	317322	12.297	ppbv	99
50) 4-Methyl-2-Pentanone	5.787	43	650307	12.237	ppbv	99
51) 2-Hexanone	7.461	43	530165	12.198	ppbv #	100
52) Tetrachloroethene	8.247	164	203233	11.968	ppbv	94
53) Toluene	6.959	91	673822	11.615	ppbv	99
54) 1,2-Dibromoethane	7.677	107	309982	11.985	ppbv	95
56) 1,1,1,2-Tetrachloroethane	8.946	131	276326	10.979	ppbv	99
57) Chlorobenzene	8.943	112	494606	11.957	ppbv	98
58) Ethyl Benzene	9.373	91	922265	11.984	ppbv	100
59) m/p-Xylene	9.551	91	770010	12.703	ppbv #	100
60) o-Xylene	9.982	91	712735	11.626	ppbv	99
61) Styrene	9.888	104	363855	12.446	ppbv	99
62) Isopropylbenzene	10.558	105	1068777	11.612	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.982	83	459839	11.626	ppbv	100
64) n-propylbenzene	11.005	120	282364	12.486	ppbv	99
65) tert-Butylbenzene	11.548	119	924810	11.526	ppbv	99
66) Benzyl Chloride	11.633	91	78975	9.819	ppbv	98
67) sec-Butylbenzene	11.785	105	1315730	11.674	ppbv	99
69) p-Isopropyltoluene	11.940	119	1084253	11.752	ppbv	99
70) n-Butylbenzene	12.296	91	1118373	12.306	ppbv	99
71) 2-Chlorotoluene	10.917	91	818204	11.804	ppbv	100
72) 4-Ethyltoluene	11.141	105	880883	12.264	ppbv	99
73) 1,3,5-Trimethylbenzene	11.218	105	738619	11.921	ppbv	98
74) 1,2,4-Trimethylbenzene	11.552	105	784701	11.801	ppbv	91
75) 1,3-Dichlorobenzene	11.623	146	465436	13.003	ppbv	98
76) 1,4-Dichlorobenzene	11.688	146	467249	13.386	ppbv	99
77) 1,2-Dichlorobenzene	11.963	146	449222	13.129	ppbv	98
78) Hexachloro-1,3-Butadiene	13.895	225	351085	12.403	ppbv	100
79) Naphthalene	13.526	128	764990	11.696	ppbv	99
80) Naphthalene,2-methyl-	14.471	142	324431	10.956	ppbv	99
81) 1,2,4-Trichlorobenzene	13.455	180	354990	13.351	ppbv	99

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

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

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Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Feb 25 10:31:48 2025
Response via : Initial Calibration

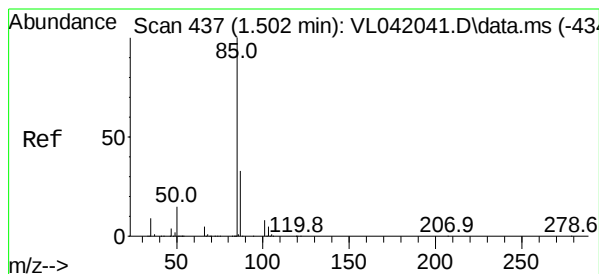
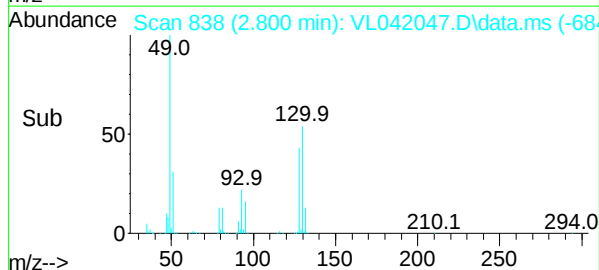
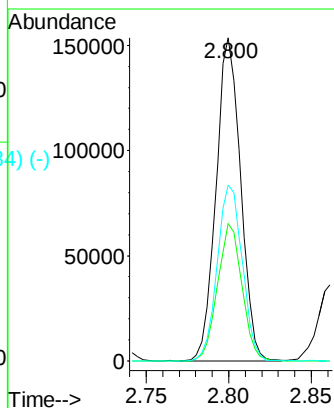
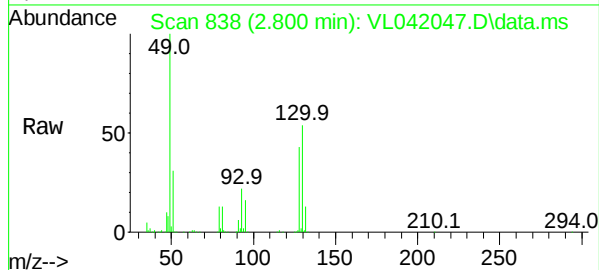




Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan#
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

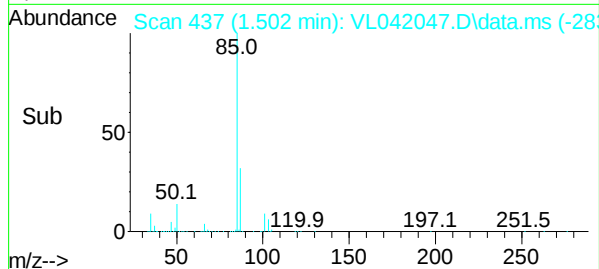
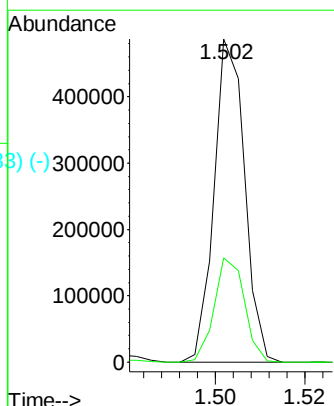
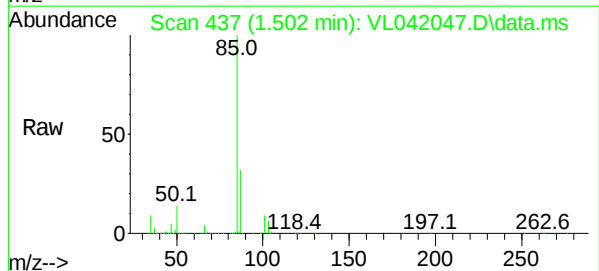
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

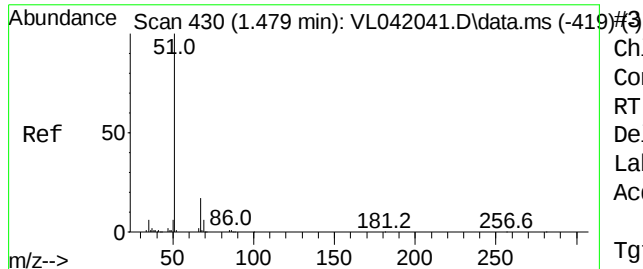
Tgt Ion: 49 Resp: 159015
Ion Ratio Lower Upper
49 100
128 42.1 21.6 64.8
130 55.6 27.8 83.4



Dichlorodifluoromethane
Concen: 8.474 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion: 85 Resp: 231978
Ion Ratio Lower Upper
85 100
87 32.2 26.4 39.6

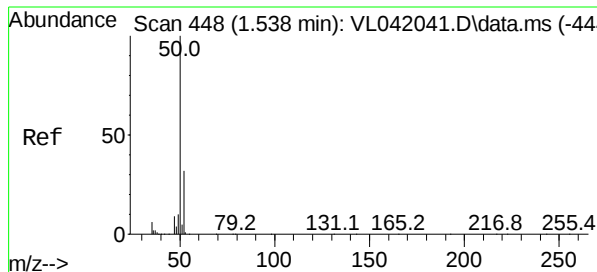
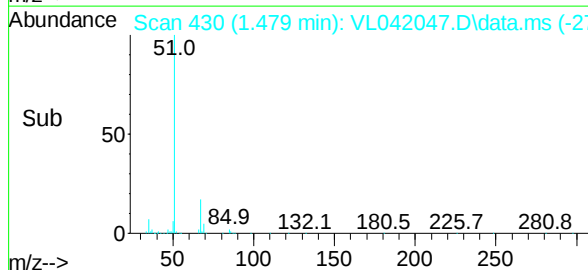
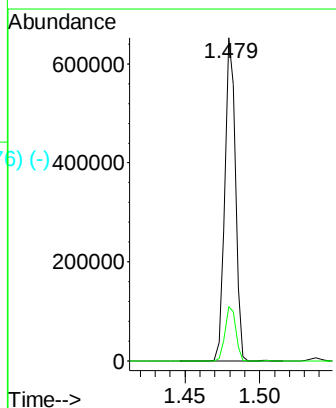
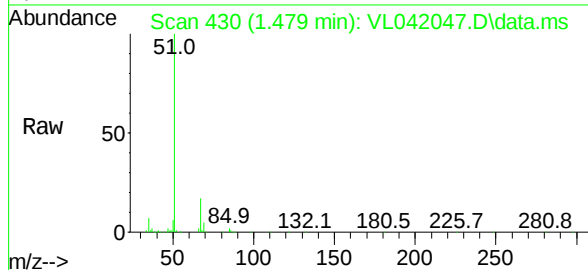




Chlorodifluoromethane
Concen: 10.733 ppbv
RT: 1.479 min Scan#
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

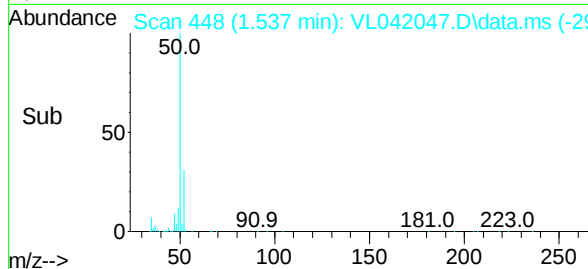
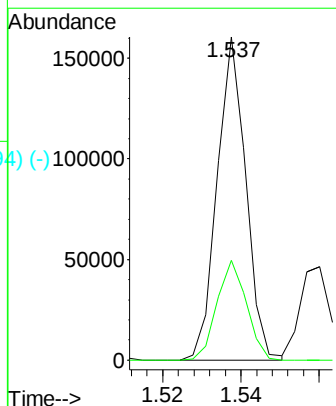
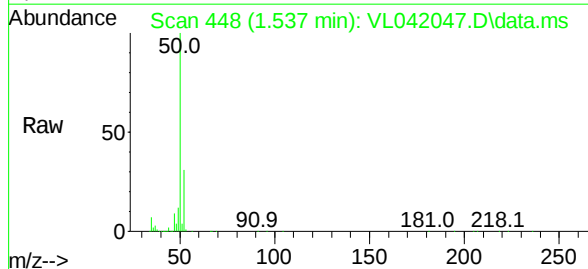
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

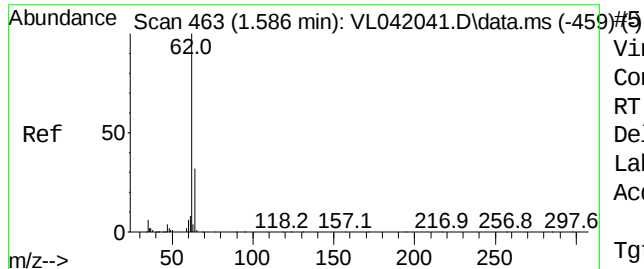
Tgt Ion: 51 Resp: 324821
Ion Ratio Lower Upper
51 100
67 17.1 13.7 20.5



Chloromethane
Concen: 7.718 ppbv
RT: 1.537 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion: 50 Resp: 82097
Ion Ratio Lower Upper
50 100
52 30.8 25.4 38.0

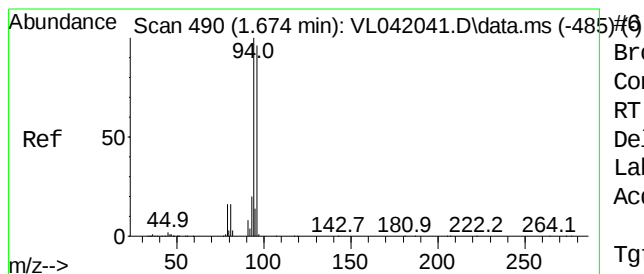
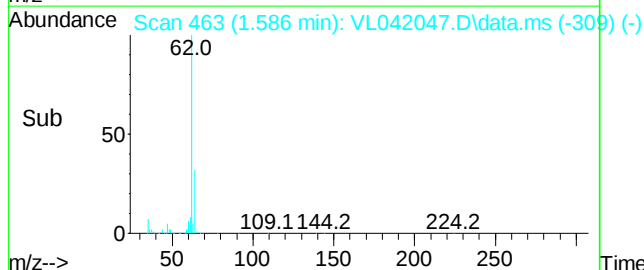
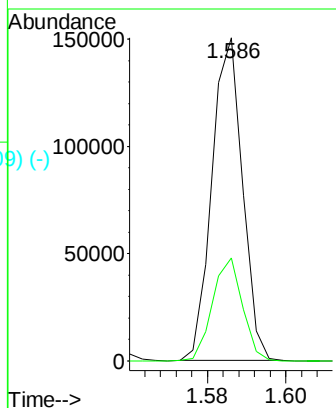
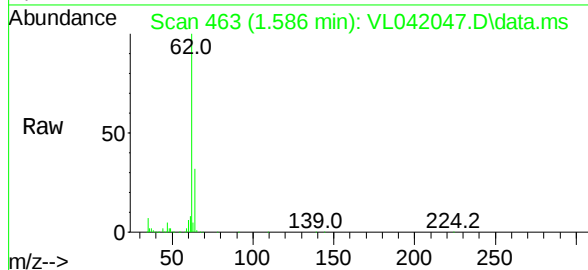




Vinyl Chloride
 Concen: 6.436 ppbv
 RT: 1.586 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

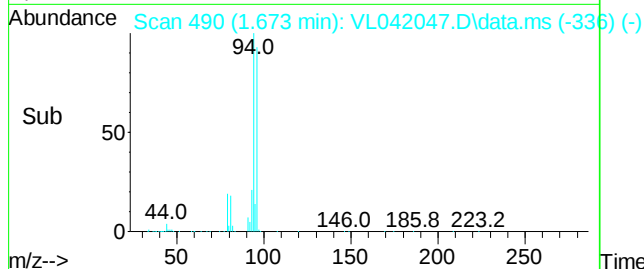
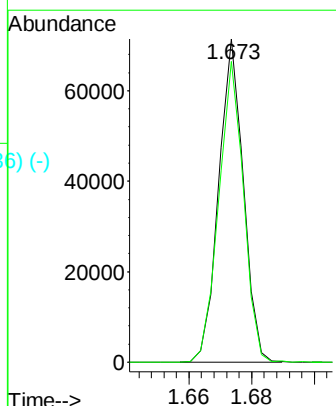
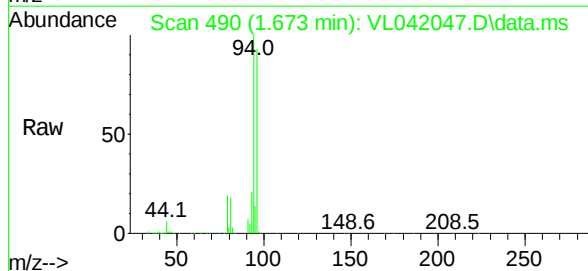
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

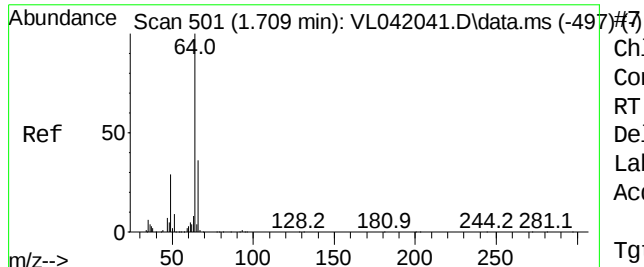
Tgt Ion: 62 Resp: 81863
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.3 37.9



Bromomethane
 Concen: 7.983 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

Tgt Ion: 94 Resp: 39366
 Ion Ratio Lower Upper
 94 100
 96 93.0 76.5 114.7

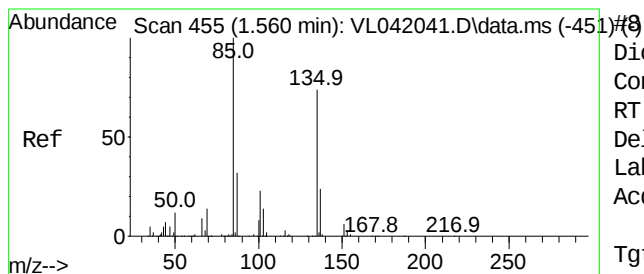
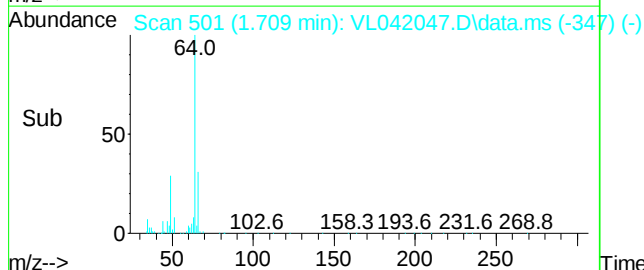
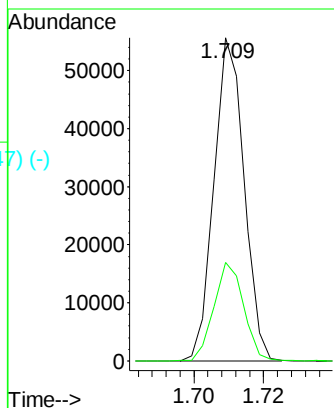
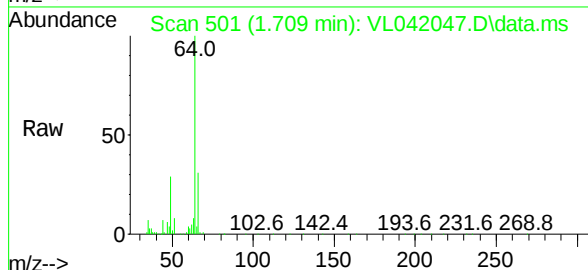




Chloroethane
 Concen: 8.039 ppbv
 RT: 1.709 min Scan# 501
 Delta R.T. -0.000 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

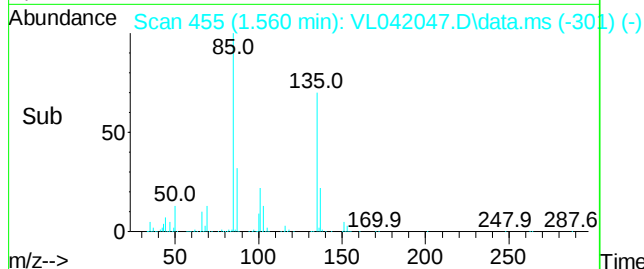
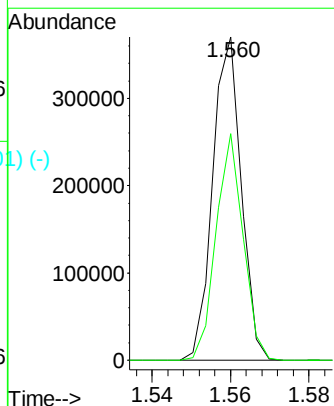
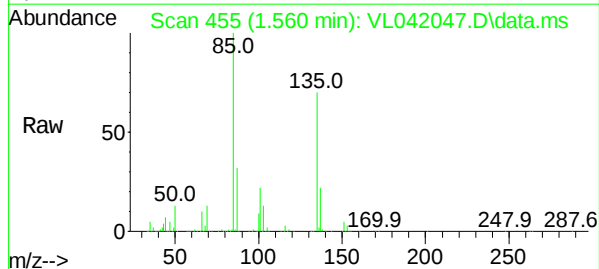
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

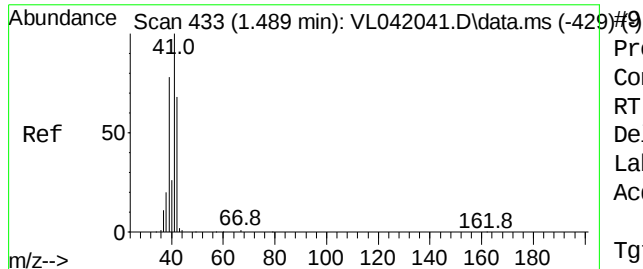
Tgt Ion: 64 Resp: 33329
 Ion Ratio Lower Upper
 64 100
 66 30.6 28.4 42.6



Dichlorotetrafluoroethane
 Concen: 7.837 ppbv
 RT: 1.560 min Scan# 455
 Delta R.T. -0.000 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

Tgt Ion: 85 Resp: 188716
 Ion Ratio Lower Upper
 85 100
 135 66.5 54.6 81.8

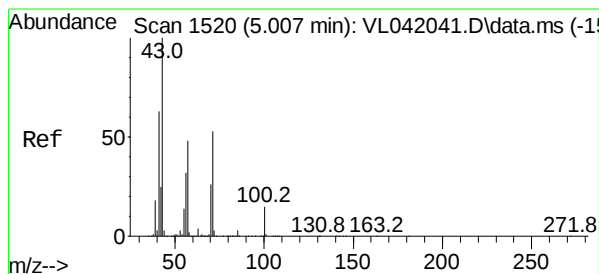
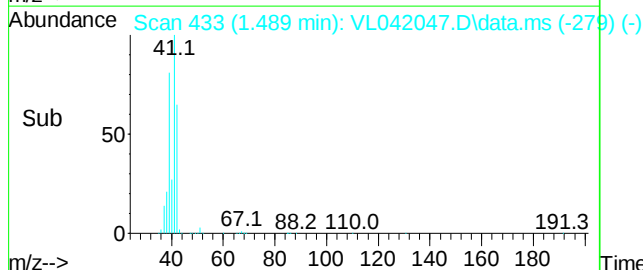
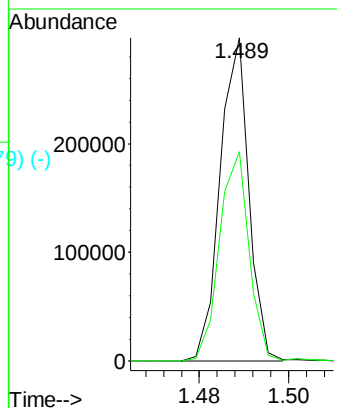
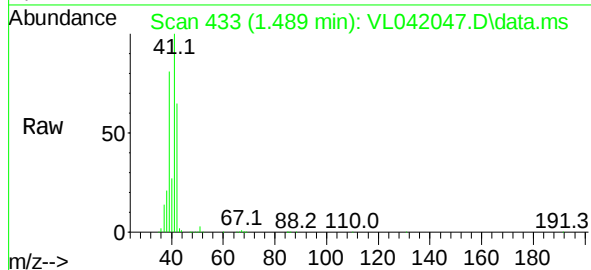




Propene
Concen: 10.201 ppbv
RT: 1.489 min Scan#
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

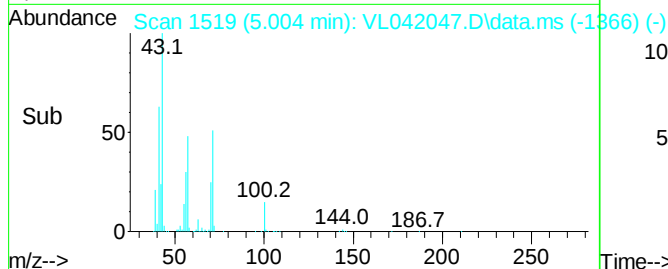
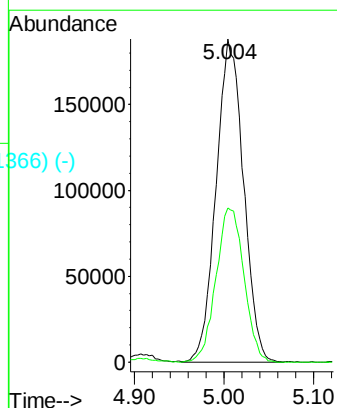
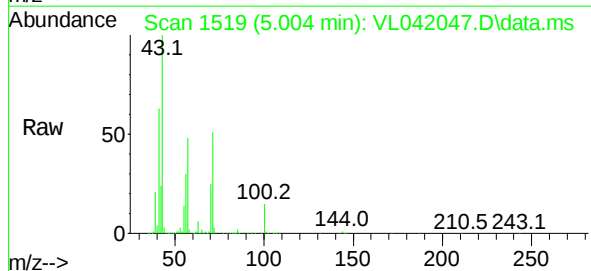
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 41 Resp: 133086
Ion Ratio Lower Upper
41 100
42 67.4 55.8 83.6



Heptane
Concen: 11.052 ppbv
RT: 5.004 min Scan# 1519
Delta R.T. -0.004 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

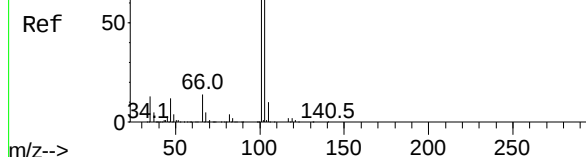
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57 48.8 39.4 59.0



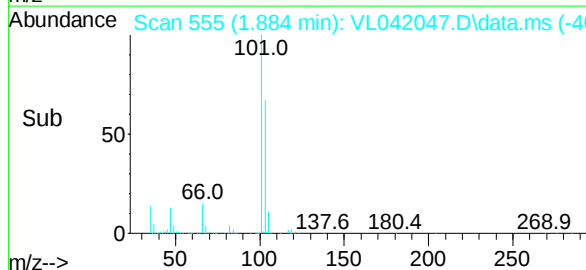
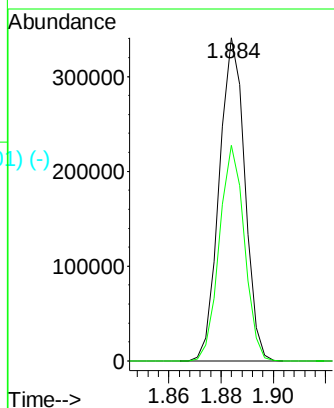
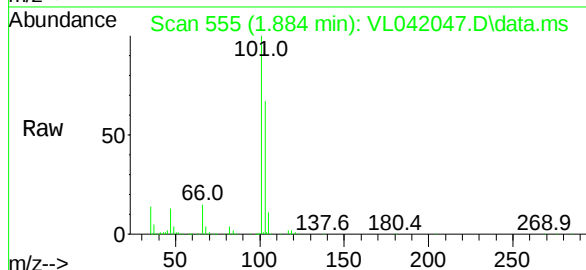
Abundance Scan 555 (1.884 min): VL042041.D\data.ms (-549) #11

Trichlorofluoromethane
Concen: 8.383 ppbv
RT: 1.884 min Scan# 555
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



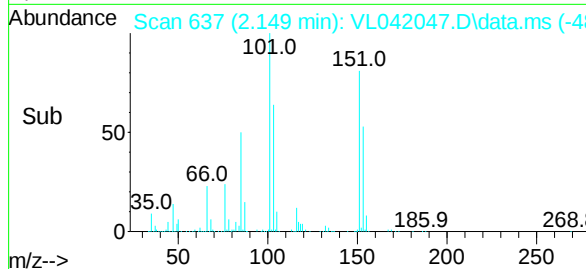
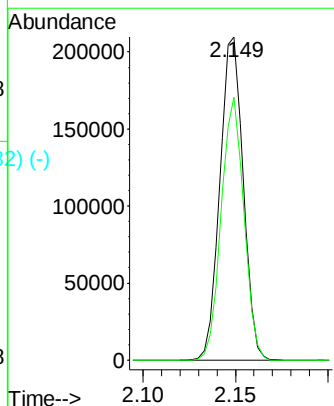
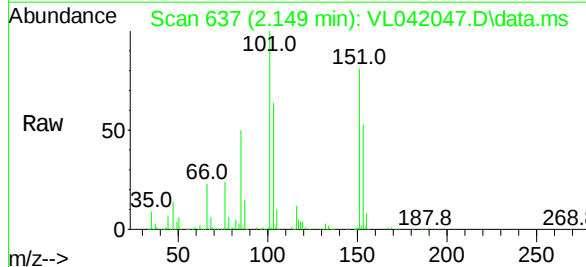
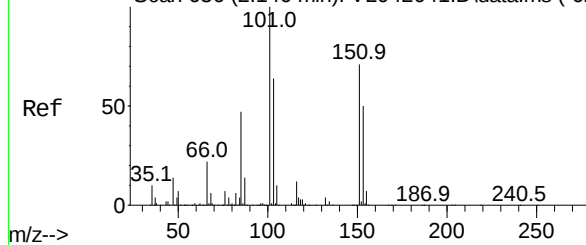
Tgt Ion:101 Resp: 230938
Ion Ratio Lower Upper
101 100
103 66.7 50.6 75.8

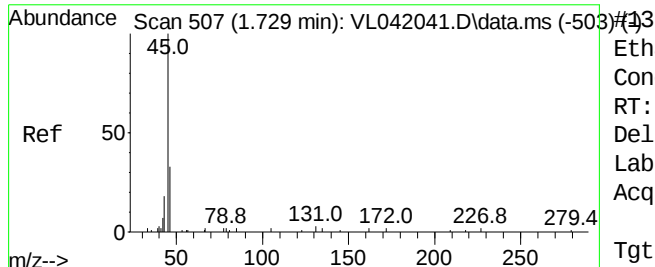


Abundance Scan 636 (2.146 min): VL042041.D\data.ms (-629) #12

1,1,2-Trichlorotrifluoroethane
Concen: 8.579 ppbv
RT: 2.149 min Scan# 637
Delta R.T. 0.003 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion:101 Resp: 184306
Ion Ratio Lower Upper
101 100
151 79.1 62.6 94.0

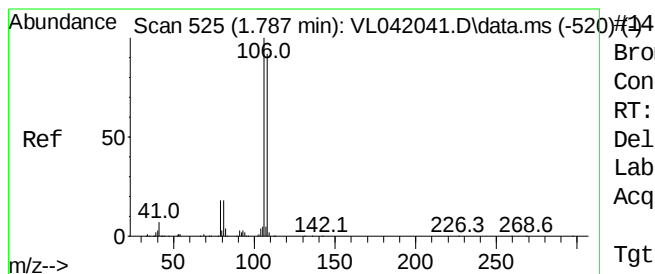
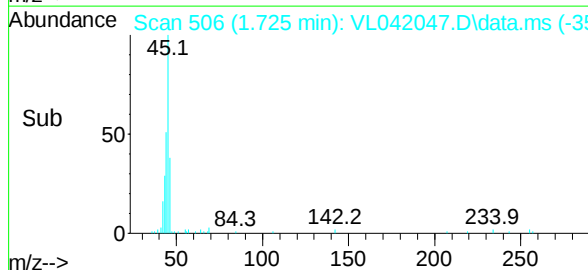
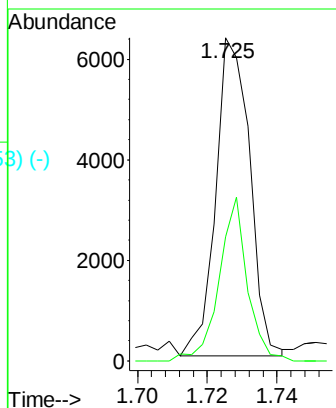
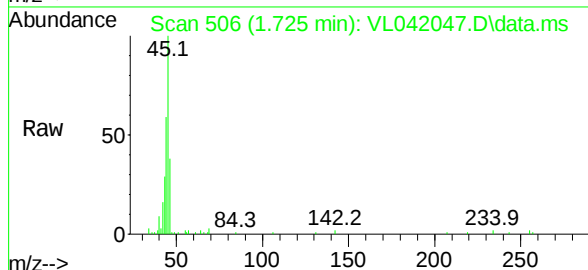




Ethanol
Concen: 2.909 ppbv
RT: 1.725 min Scan# 507
Delta R.T. -0.003 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

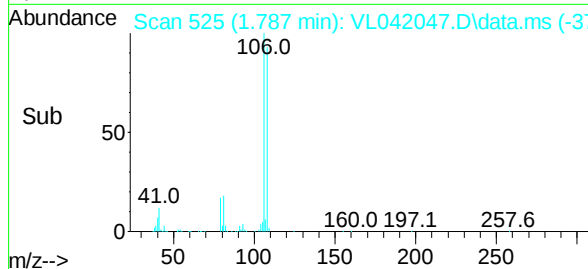
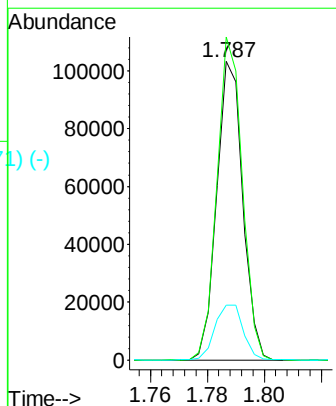
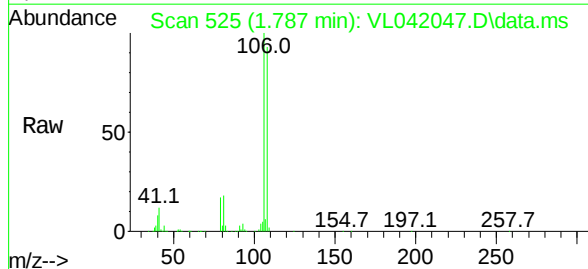
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

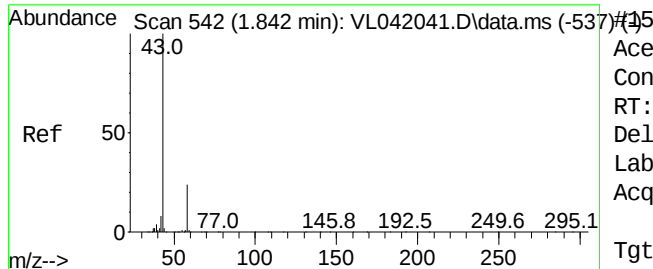
Tgt Ion: 45 Resp: 4281
Ion Ratio Lower Upper
45 100
46 42.7 17.1 68.3



Bromoethene
Concen: 8.164 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion:108 Resp: 65496
Ion Ratio Lower Upper
108 100
106 105.7 85.4 128.0
79 20.5 16.5 24.7

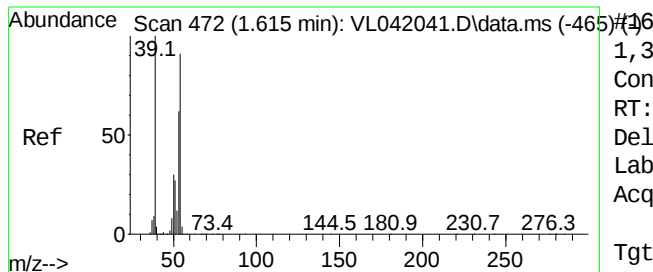
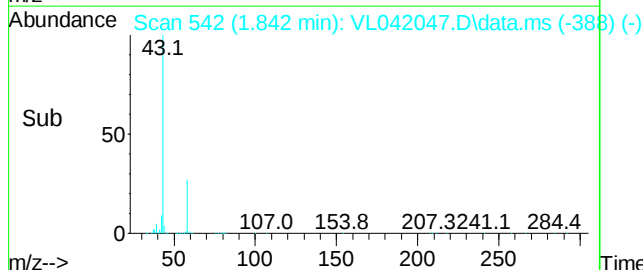
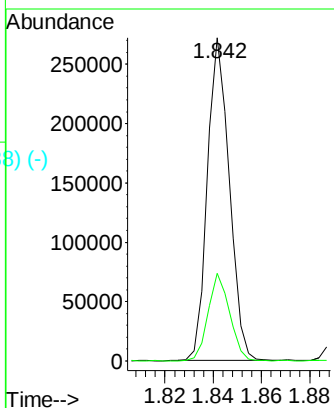
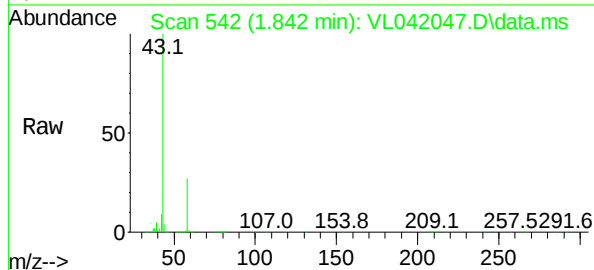




Acetone
Concen: 6.574 ppbv
RT: 1.842 min Scan# 542
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

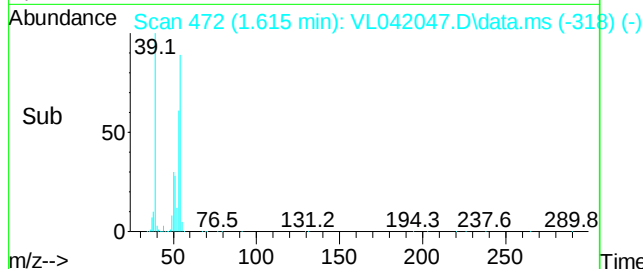
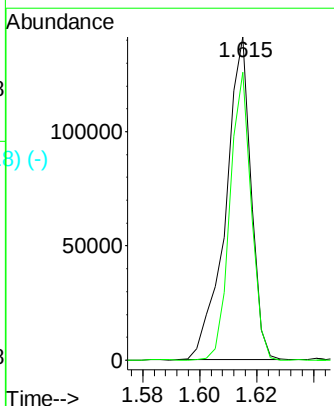
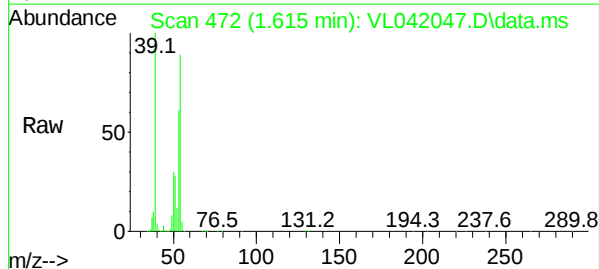
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 172538
Ion Ratio Lower Upper
43 100
58 26.7 20.7 31.1



1,3-Butadiene
Concen: 7.027 ppbv
RT: 1.615 min Scan# 472
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

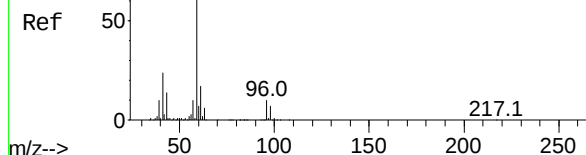
Tgt Ion: 39 Resp: 87490
Ion Ratio Lower Upper
39 100
54 74.6 59.6 89.4



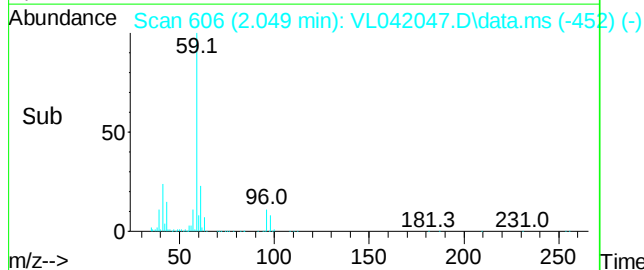
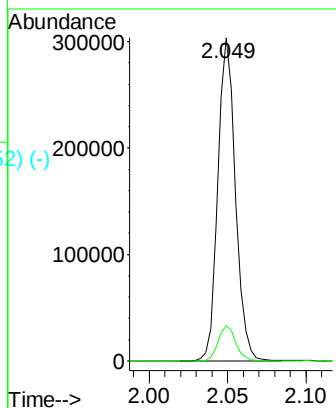
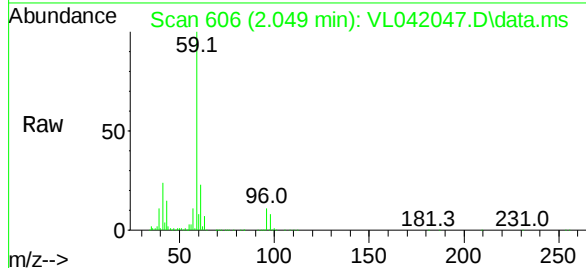
Abundance Scan 606 (2.049 min): VL042041.D\data.ms (-599) #17

tert-Butyl alcohol
Concen: 7.377 ppbv
RT: 2.049 min Scan#
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015



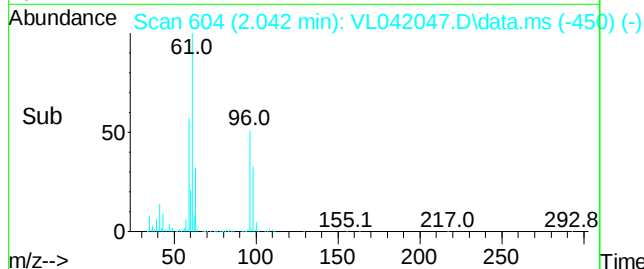
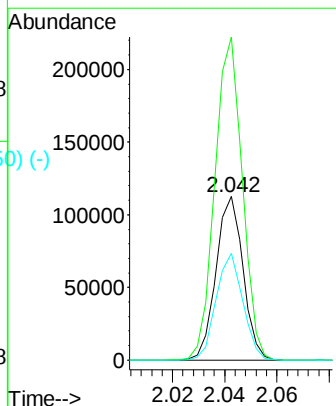
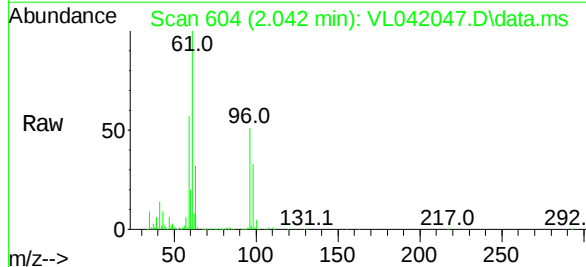
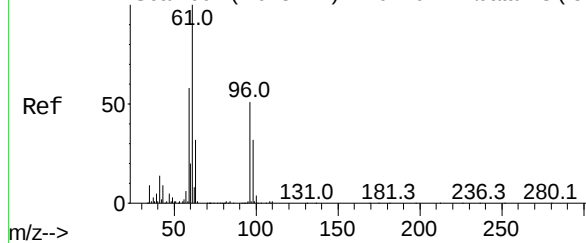
Tgt Ion:	59	Resp:	239569
Ion	Ratio	Lower	Upper
59	100		
57	10.9	9.3	13.9



Abundance Scan 604 (2.043 min): VL042041.D\data.ms (-597) #18

1,1-Dichloroethene
Concen: 7.845 ppbv
RT: 2.042 min Scan# 604
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

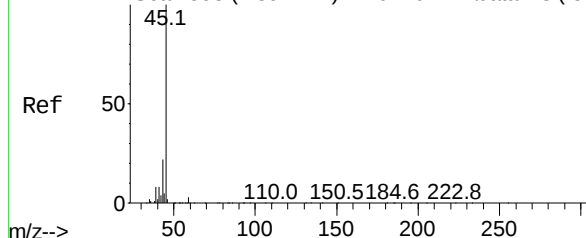
Tgt Ion:	96	Resp:	80535
Ion	Ratio	Lower	Upper
96	100		
61	197.3	156.0	234.0
98	65.4	49.4	74.2



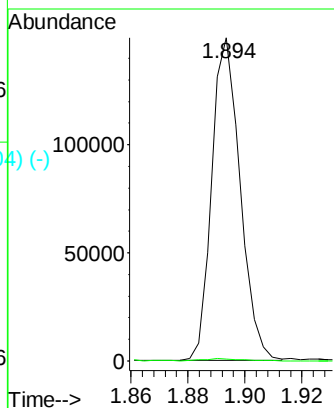
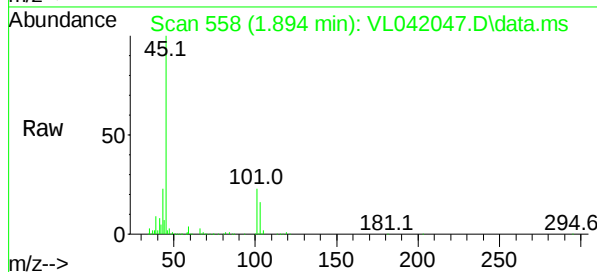
Abundance Scan 558 (1.894 min): VL042041.D\data.ms (-553) #19

Isopropyl Alcohol
Concen: 6.955 ppbv
RT: 1.894 min Scan#
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

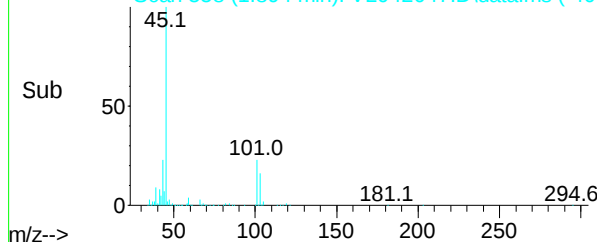
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 45 Resp: 102365
Ion Ratio Lower Upper
45 100
58 45.1 35.3 52.9



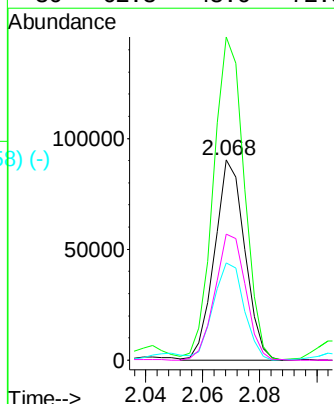
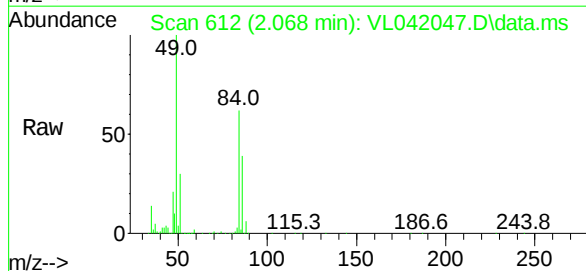
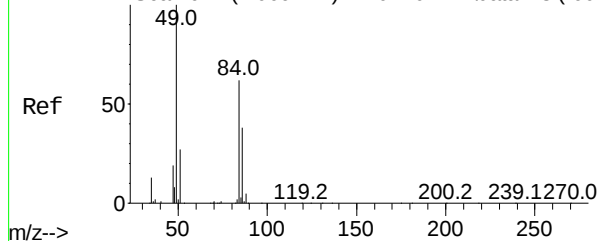
Abundance Scan 558 (1.894 min): VL042047.D\data.ms (-404) (-)



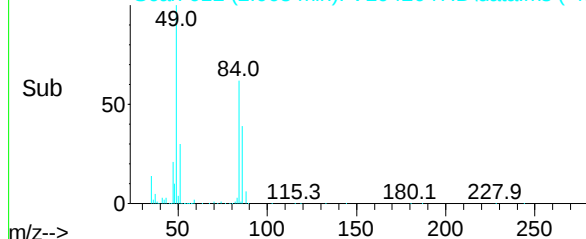
Abundance Scan 612 (2.069 min): VL042041.D\data.ms (-606) #20

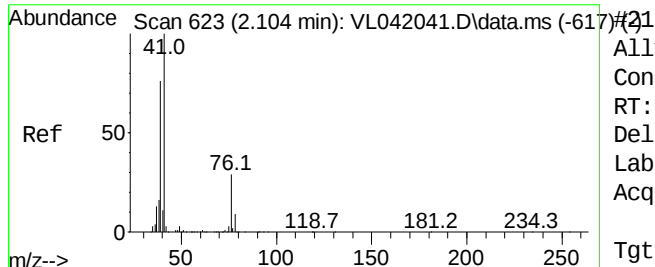
Methylene Chloride
Concen: 6.709 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion: 84 Resp: 66282
Ion Ratio Lower Upper
84 100
49 161.0 130.0 195.0
51 48.1 37.4 56.0
86 62.8 48.6 72.8



Abundance Scan 612 (2.068 min): VL042047.D\data.ms (-458) (-)

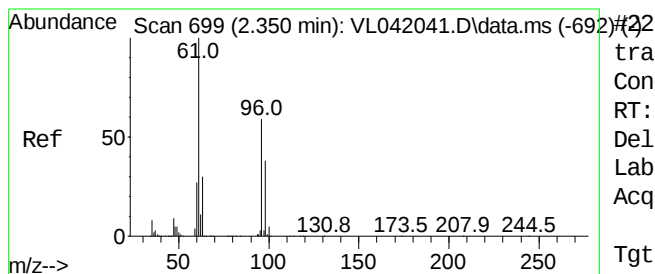
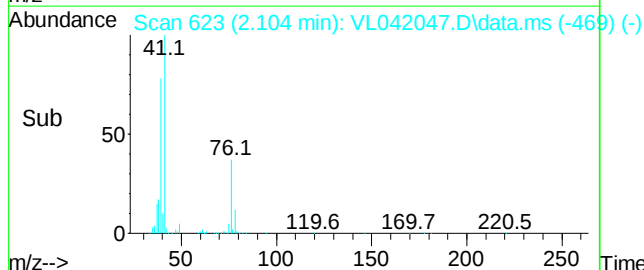
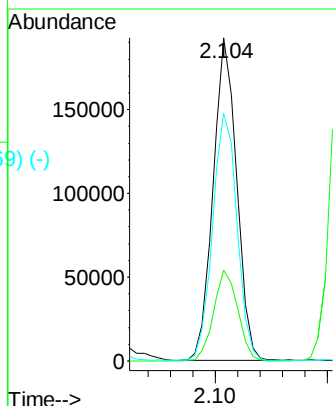
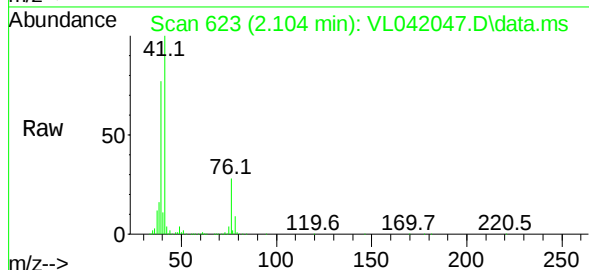




Allyl Chloride
 Concen: 7.406 ppbv
 RT: 2.104 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

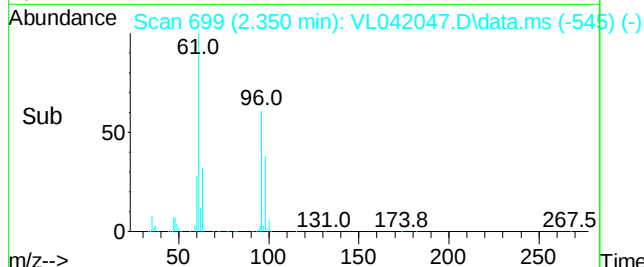
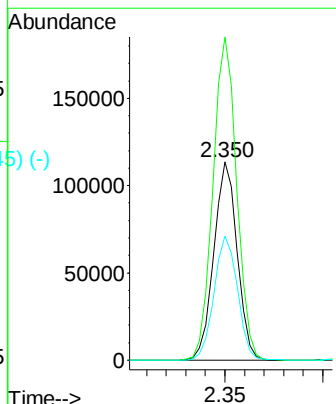
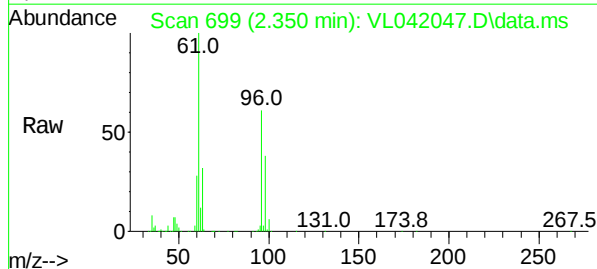
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

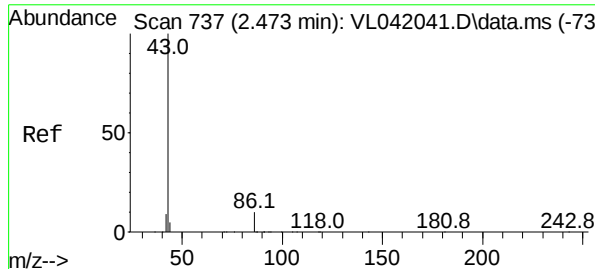
Tgt Ion:	41	Resp:	140726
Ion	Ratio	Lower	Upper
41	100		
76	28.8	23.8	35.6
39	79.2	63.8	95.6



trans-1,2-Dichloroethene
 Concen: 8.466 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. -0.000 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

Tgt Ion:	96	Resp:	94321
Ion	Ratio	Lower	Upper
96	100		
61	162.9	136.6	205.0
98	62.6	51.8	77.6

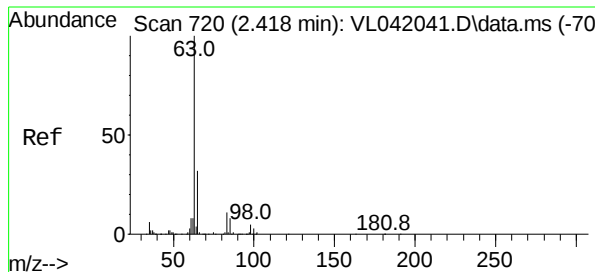
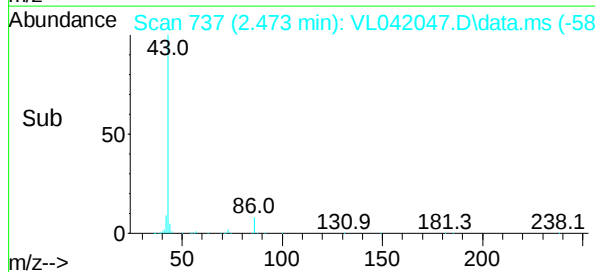
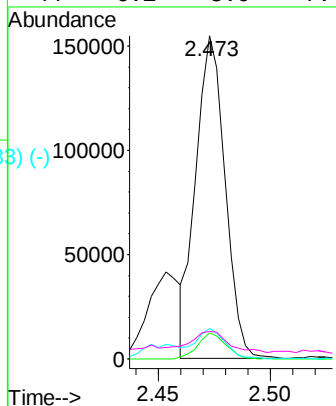
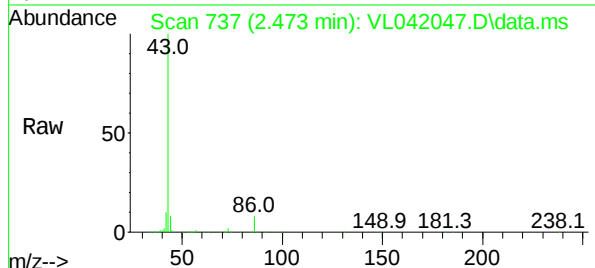




Vinyl Acetate
 Concen: 9.831 ppbv
 RT: 2.473 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

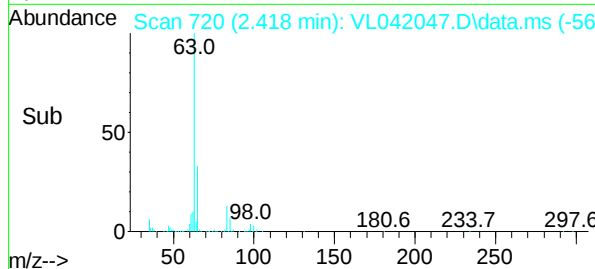
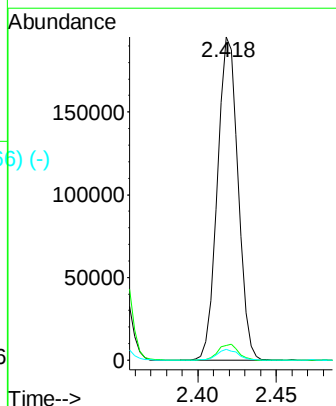
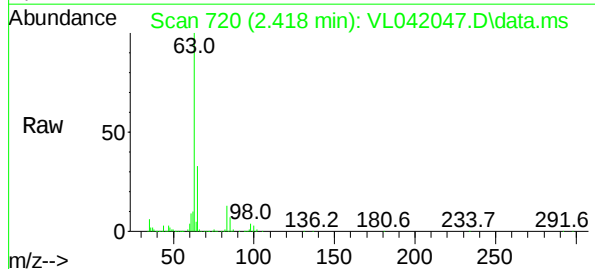
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

Tgt Ion:	43	Resp:	139727
Ion	Ratio	Lower	Upper
43	100		
86	8.1	7.0	10.4
42	9.5	7.6	11.4
44	6.2	5.0	7.4



1,1-Dichloroethane
 Concen: 7.997 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.000 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

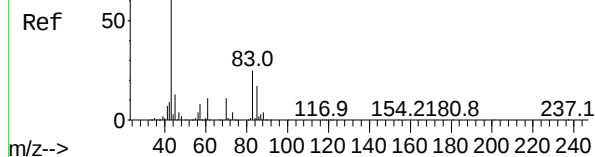
Tgt Ion:	63	Resp:	180882
Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.4	7.2
100	3.3	1.7	5.0



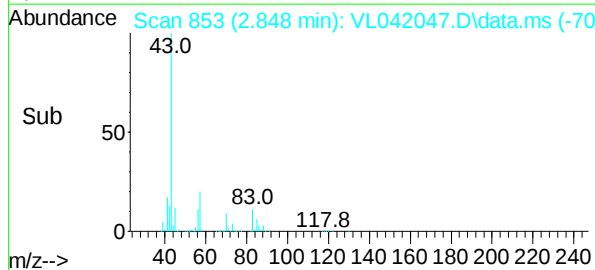
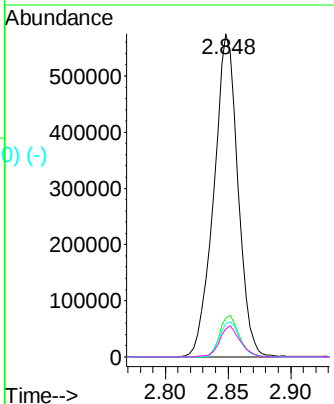
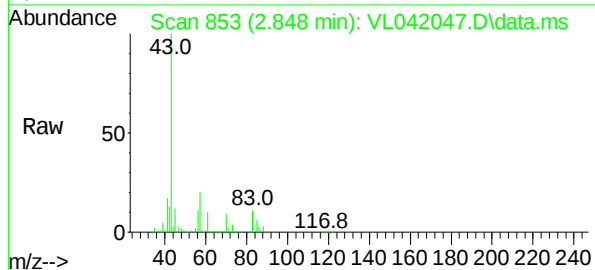
Abundance Scan 854 (2.852 min): VL042041.D\data.ms (-839) #25

Ethyl Acetate
Concen: 10.652 ppbv
RT: 2.848 min Scan#
Delta R.T. -0.004 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



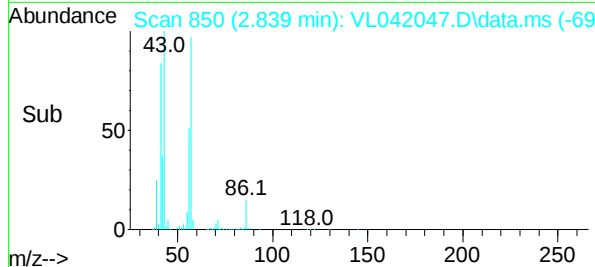
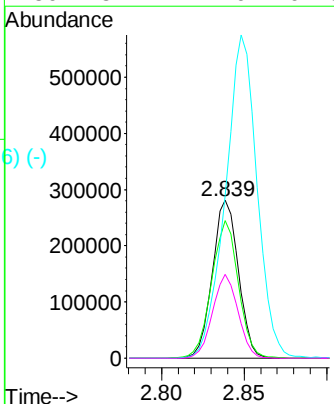
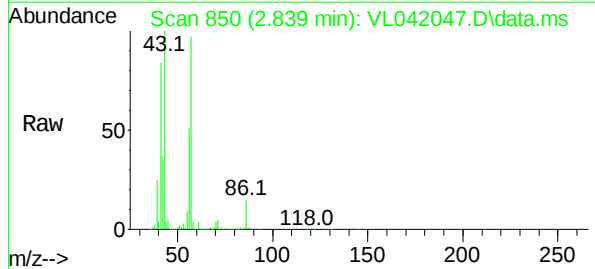
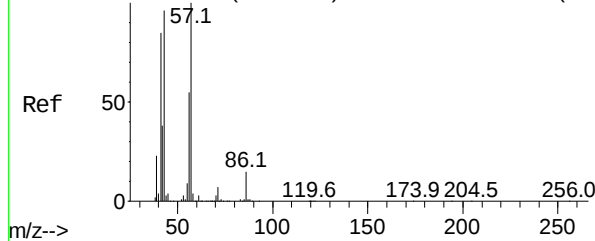
Tgt Ion:	43	Resp:	767353
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.1	12.1
61	9.1	7.2	10.8
70	8.2	6.7	10.1

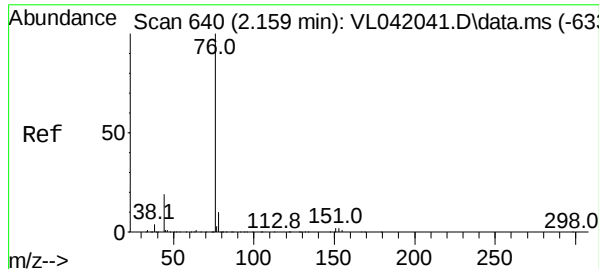


Abundance Scan 850 (2.839 min): VL042041.D\data.ms (-840) #26

Hexane
Concen: 10.615 ppbv
RT: 2.839 min Scan# 850
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion:	57	Resp:	306864
Ion	Ratio	Lower	Upper
57	100		
41	89.9	70.6	106.0
43	250.3	199.4	299.0
56	51.7	42.6	64.0

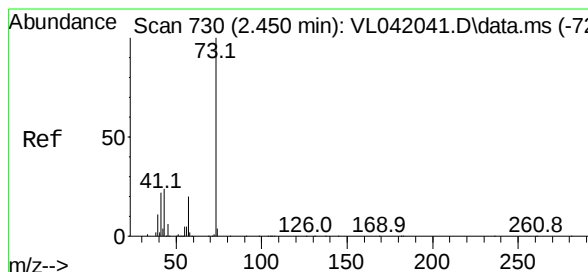
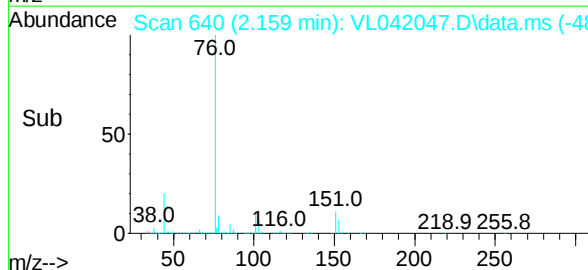
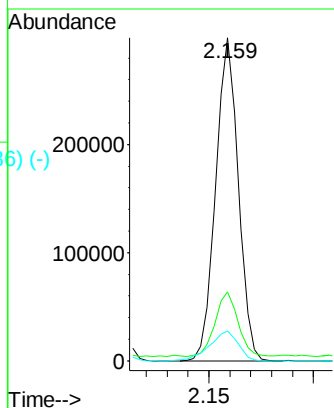
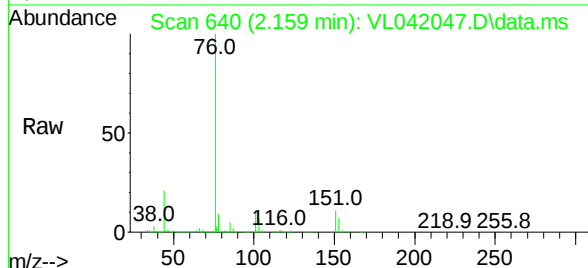




Carbon Disulfide
 Concen: 8.261 ppbv
 RT: 2.159 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

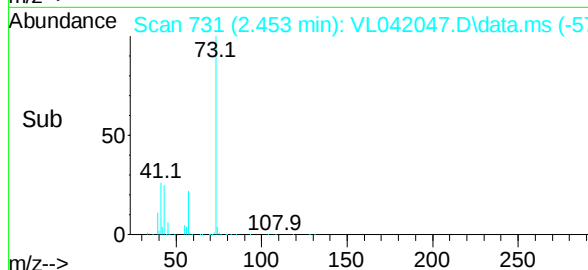
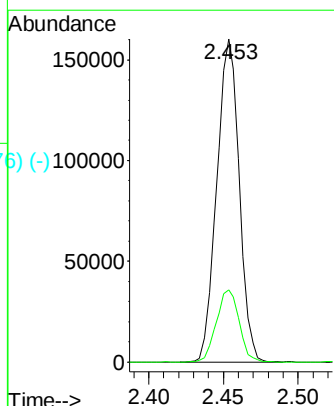
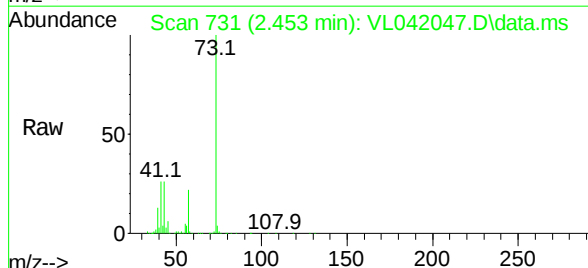
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

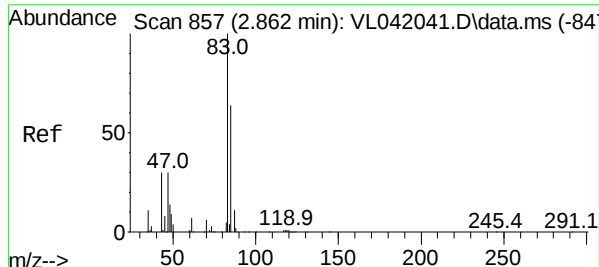
Tgt Ion:	76	Resp:	224609
Ion	Ratio	Lower	Upper
76	100		
44	21.3	16.2	24.2
78	11.7	9.4	14.0



Methyl tert-Butyl Ether
 Concen: 9.510 ppbv
 RT: 2.453 min Scan# 731
 Delta R.T. 0.003 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

Tgt Ion:	73	Resp:	168058
Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.7	26.5

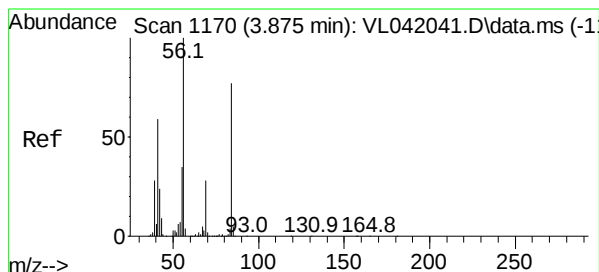
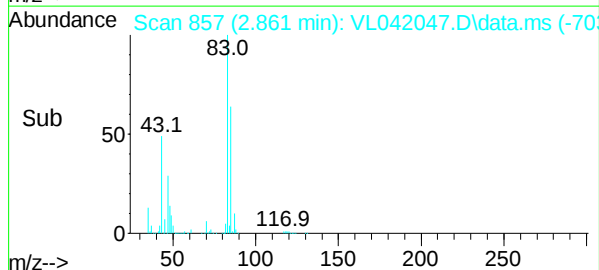
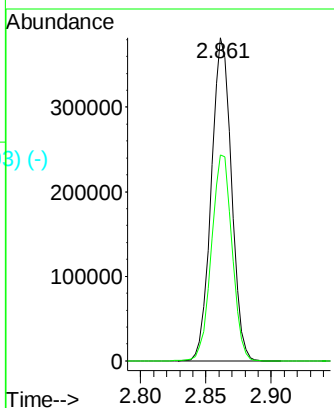
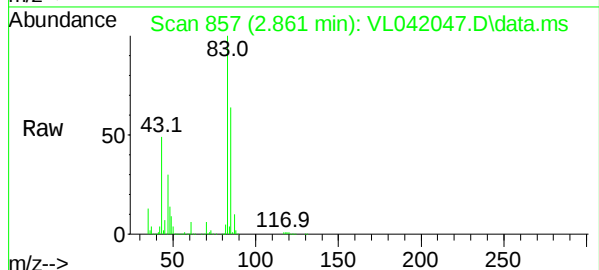




Chloroform
 Concen: 9.774 ppbv
 RT: 2.861 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

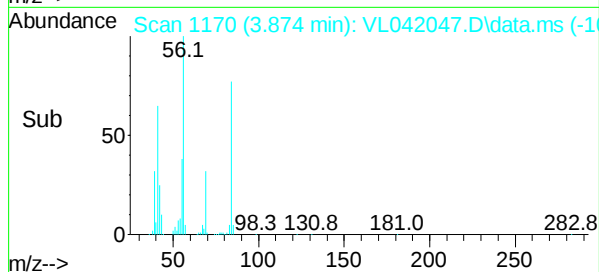
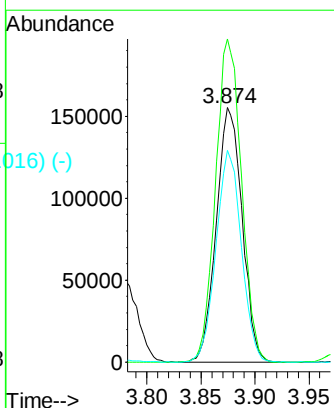
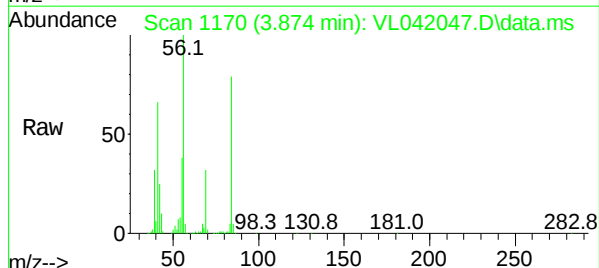
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

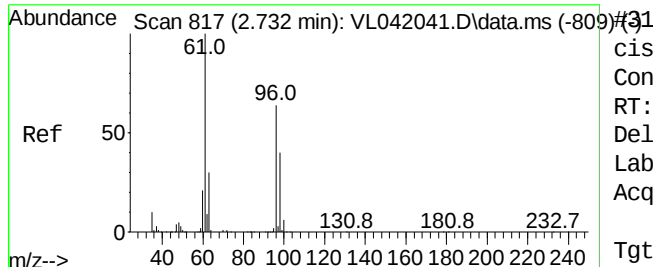
Tgt Ion: 83 Resp: 409240
 Ion Ratio Lower Upper
 83 100
 85 63.7 51.2 76.8



Cyclohexane
 Concen: 10.946 ppbv
 RT: 3.874 min Scan# 1170
 Delta R.T. -0.000 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

Tgt Ion: 84 Resp: 256687
 Ion Ratio Lower Upper
 84 100
 56 127.5 101.5 152.3
 41 81.7 62.6 93.8

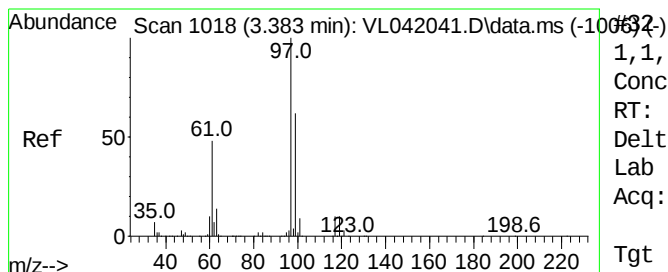
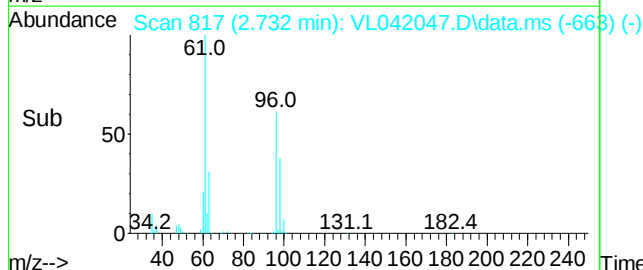
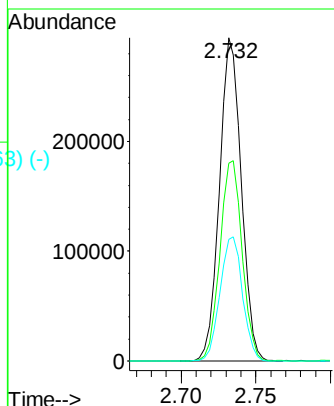
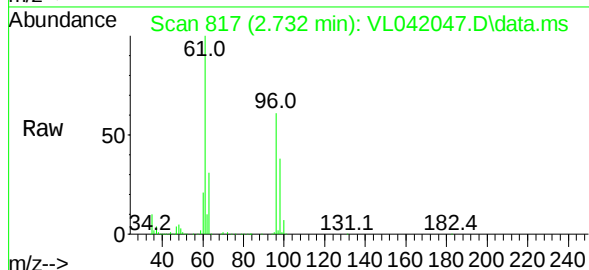




cis-1,2-Dichloroethene
Concen: 10.476 ppbv
RT: 2.732 min Scan# 817
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

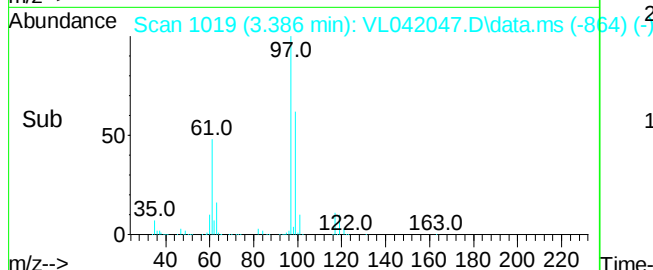
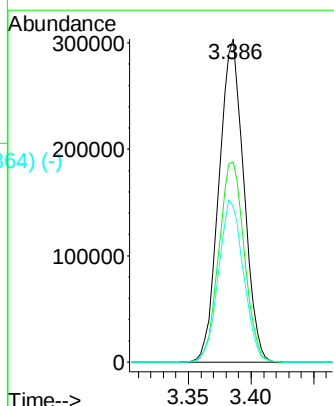
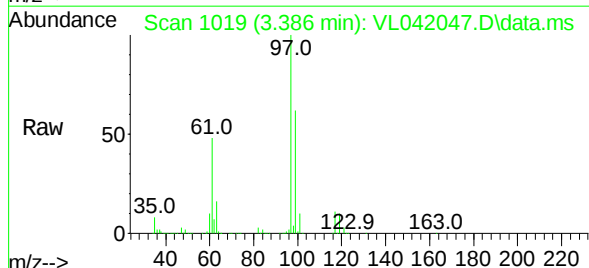
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:	61	Resp:	299324
Ion	Ratio	Lower	Upper
61	100		
96	61.2	51.5	77.3
98	37.6	32.0	48.0



1,1,1-Trichloroethane
Concen: 8.994 ppbv
RT: 3.386 min Scan# 1019
Delta R.T. 0.003 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion:	97	Resp:	417615
Ion	Ratio	Lower	Upper
97	100		
99	63.5	49.8	74.6
61	50.7	38.9	58.3



Abundance Scan 1202 (3.978 min): VL042041.D\data.ms (-11853)

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.978 min Scan#

Delta R.T. -0.000 min

Lab File: VL042047.D

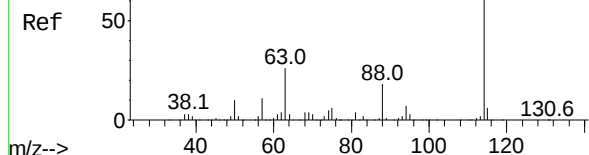
Acq: 25 Feb 2025 12:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015



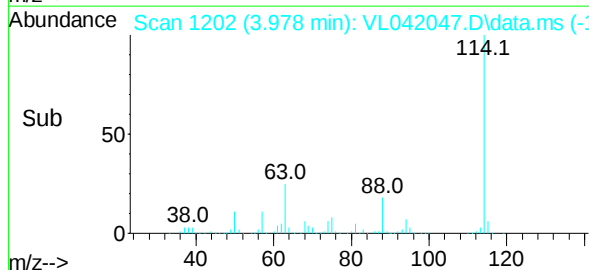
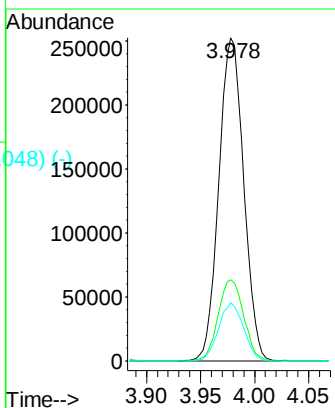
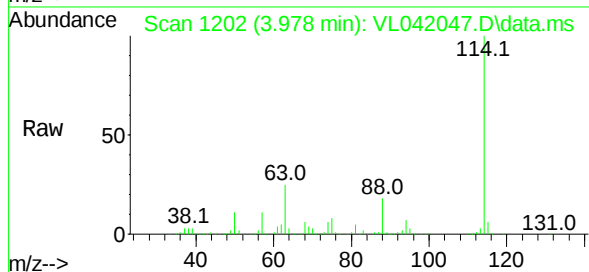
Tgt Ion:114 Resp: 401919

Ion Ratio Lower Upper

114 100

63 25.7 20.1 30.1

88 18.1 14.3 21.5



Abundance Scan 767 (2.570 min): VL042041.D\data.ms (-761734)

2-Butanone

Concen: 13.234 ppbv

RT: 2.570 min Scan# 767

Delta R.T. -0.000 min

Lab File: VL042047.D

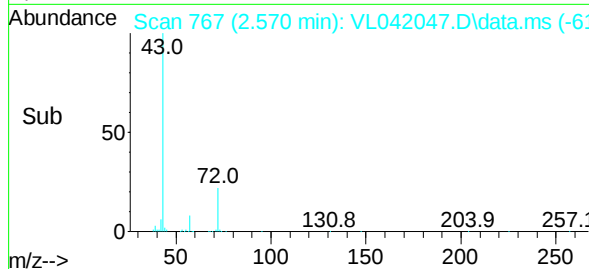
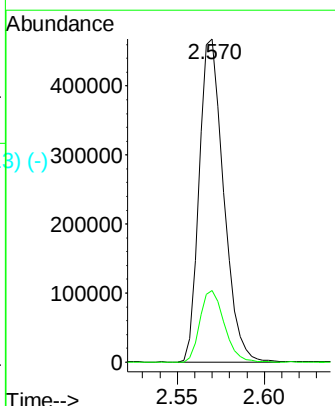
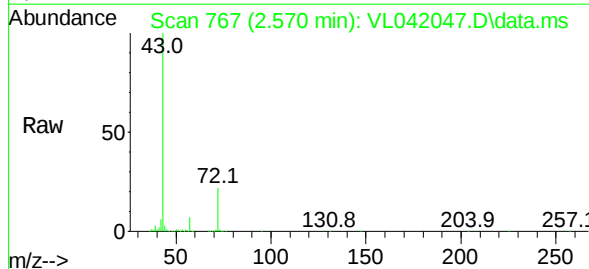
Acq: 25 Feb 2025 12:07

Tgt Ion: 43 Resp: 457602

Ion Ratio Lower Upper

43 100

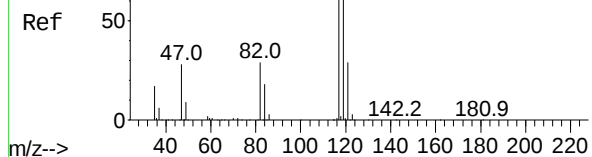
72 22.1 18.5 27.7



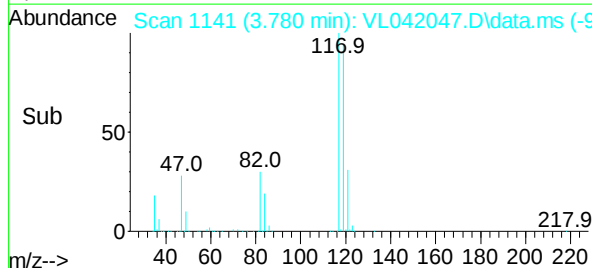
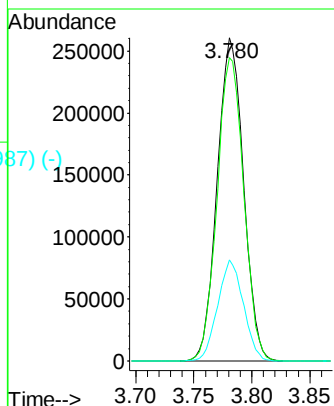
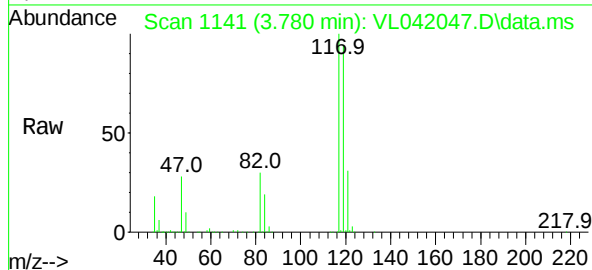
Abundance Scan 1141 (3.781 min): VL042041.D\data.ms (-112835)

Carbon Tetrachloride
Concen: 10.524 ppbv
RT: 3.780 min Scan#
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015



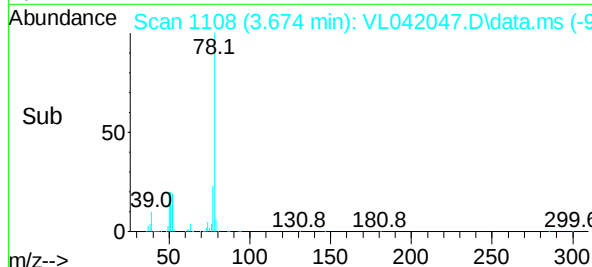
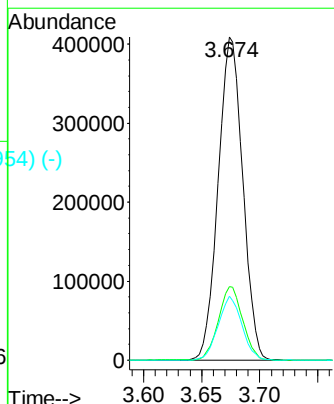
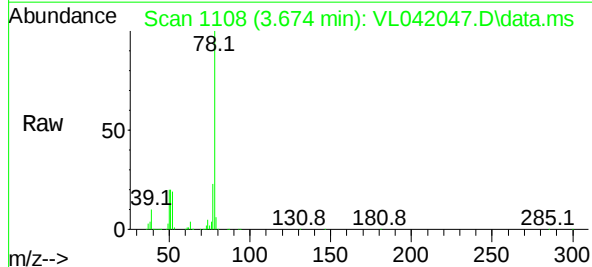
Tgt Ion:	117	Resp:	410730
Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.8	116.8
121	31.3	23.4	35.0

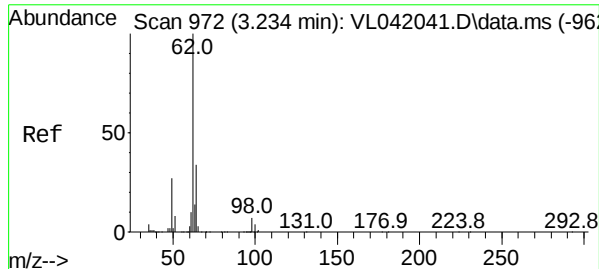


Abundance Scan 1108 (3.674 min): VL042041.D\data.ms (-109536)

Benzene
Concen: 12.367 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion:	78	Resp:	602107
Ion	Ratio	Lower	Upper
78	100		
77	22.7	17.7	26.5
50	19.7	13.9	20.9

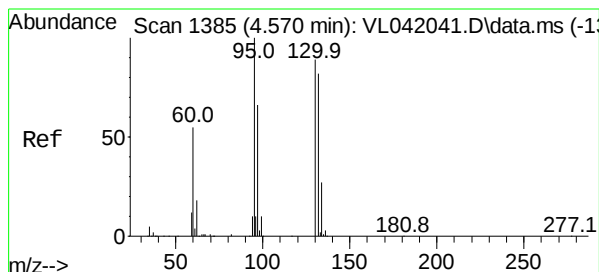
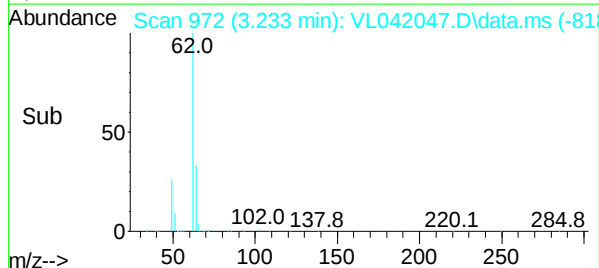
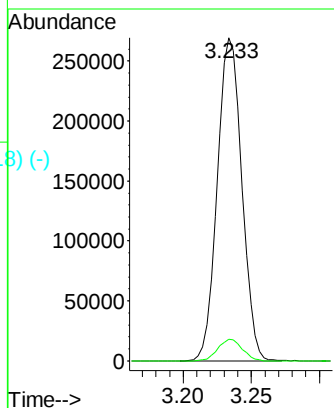
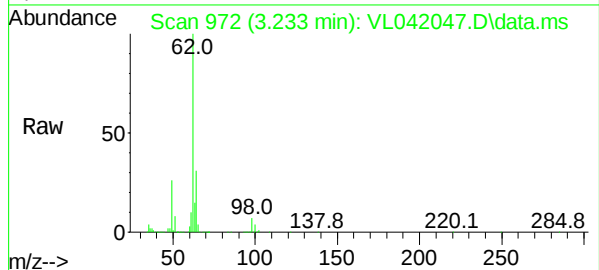




1,2-Dichloroethane
 Concen: 12.097 ppbv
 RT: 3.233 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

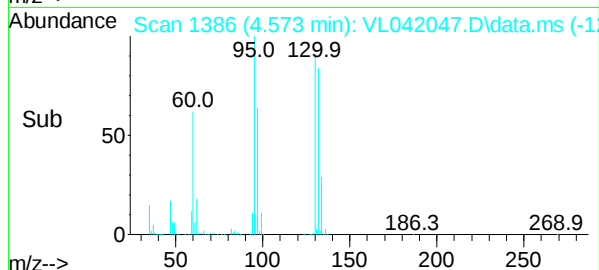
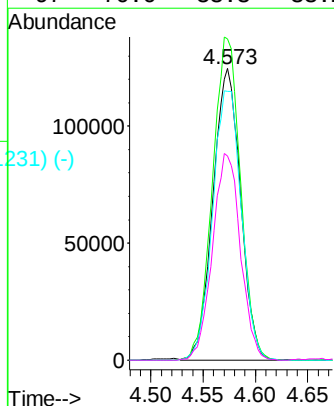
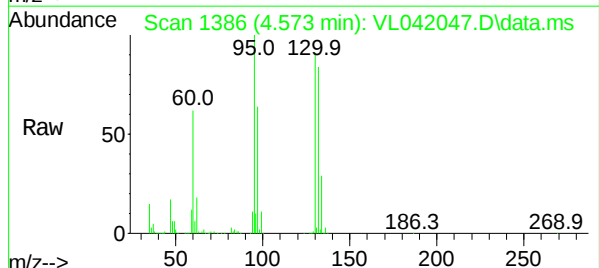
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

Tgt Ion: 62 Resp: 335275
 Ion Ratio Lower Upper
 62 100
 98 6.7 5.7 8.5



Trichloroethene
 Concen: 11.542 ppbv
 RT: 4.573 min Scan# 1386
 Delta R.T. 0.003 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

Tgt Ion:130 Resp: 228298
 Ion Ratio Lower Upper
 130 100
 95 110.1 89.5 134.3
 132 92.2 73.8 110.6
 97 70.0 58.8 88.2



Abundance Scan 1313 (4.337 min): VL042041.D\data.ms (-12959)

1,2-Dichloropropane

Concen: 12.797 ppbv

RT: 4.337 min Scan#

Delta R.T. -0.000 min

Lab File: VL042047.D

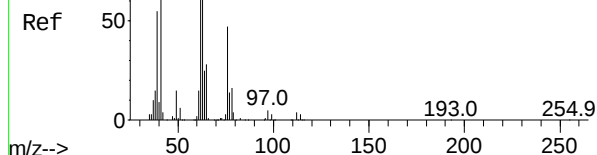
Acq: 25 Feb 2025 12:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015



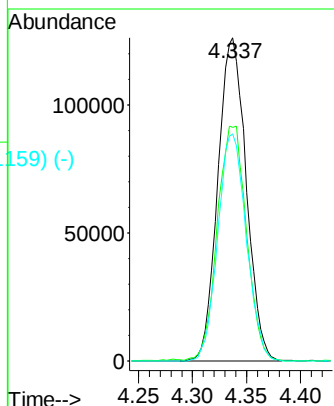
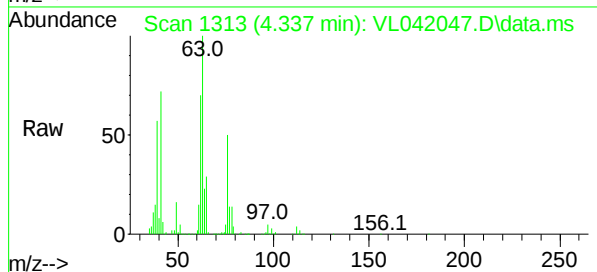
Tgt Ion: 63 Resp: 228418

Ion Ratio Lower Upper

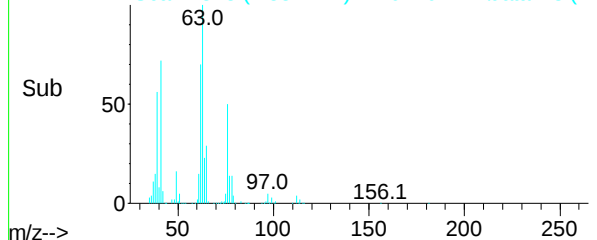
63 100

41 72.2 60.1 90.1

62 70.3 55.8 83.8



Abundance Scan 1313 (4.337 min): VL042047.D\data.ms (-1159) (-)



Abundance Scan 1397 (4.609 min): VL042041.D\data.ms (-13940)

1,4-Dioxane

Concen: 11.253 ppbv

RT: 4.609 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VL042047.D

Acq: 25 Feb 2025 12:07

Tgt Ion: 88 Resp: 104519

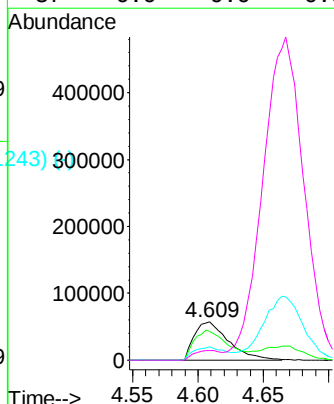
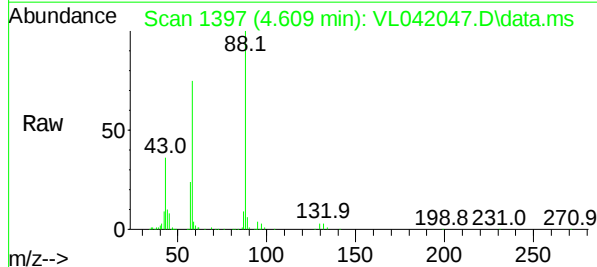
Ion Ratio Lower Upper

88 100

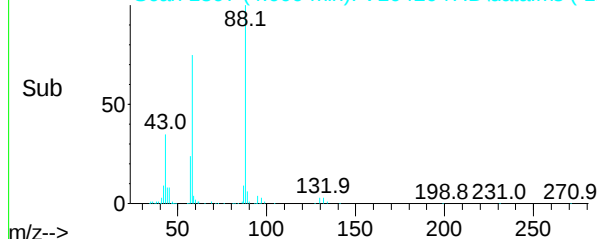
58 81.6 62.6 94.0

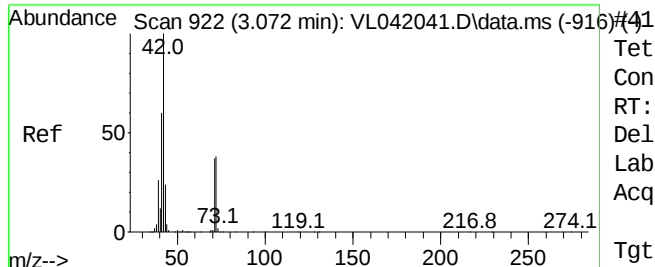
43 30.4 0.0 0.0#

57 0.0 0.0 0.0



Abundance Scan 1397 (4.609 min): VL042047.D\data.ms (-1243)

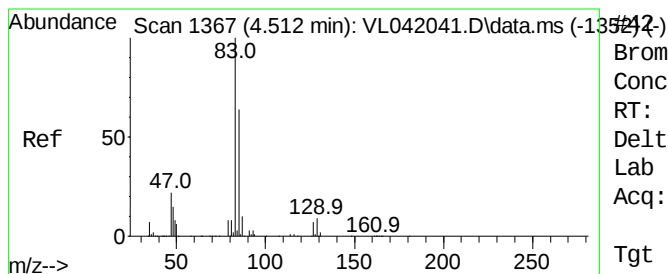
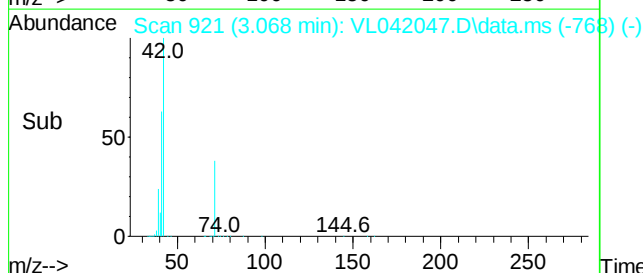
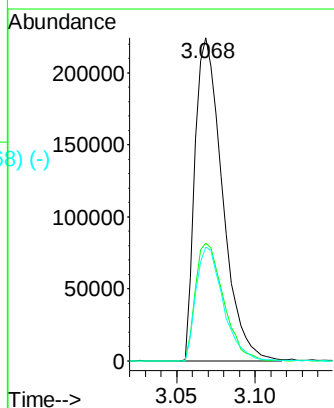
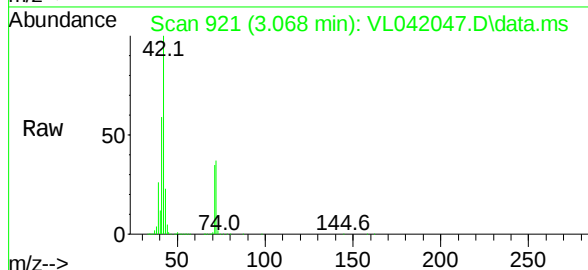




Tetrahydrofuran
Concen: 13.724 ppbv
RT: 3.068 min Scan#
Delta R.T. -0.004 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

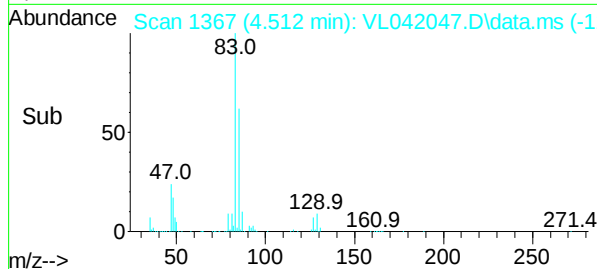
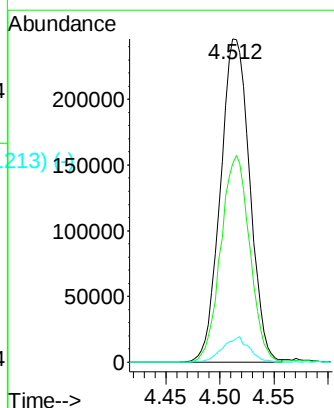
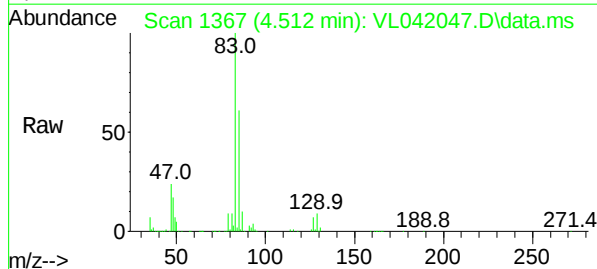
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:	42	Resp:	271202
Ion	Ratio	Lower	Upper
42	100		
72	37.5	30.2	45.2
71	35.1	28.2	42.4



Bromodichloromethane
Concen: 12.285 ppbv
RT: 4.512 min Scan# 1367
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion:	83	Resp:	461272
Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.4	77.2
127	6.6	5.8	8.6



Abundance Scan 1489 (4.907 min): VL042041.D\data.ms (-1474)

Methyl Methacrylate

Concen: 11.105 ppbv

RT: 4.907 min Scan#

Delta R.T. -0.000 min

Lab File: VL042047.D

Acq: 25 Feb 2025 12:07

Instrument :

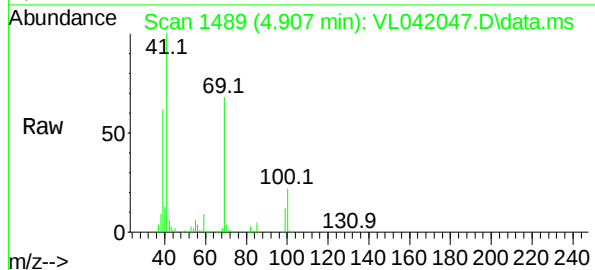
MSVOA_1

ClientSampleId :

VSTDIC015

Ref 50

m/z-->



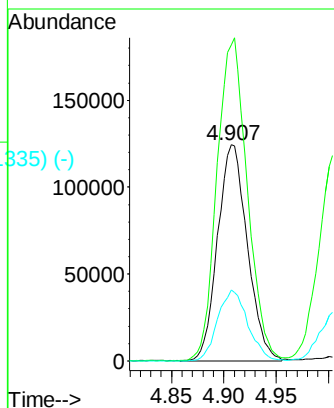
Tgt Ion: 69 Resp: 246468

Ion Ratio Lower Upper

69 100

41 151.9 118.2 177.4

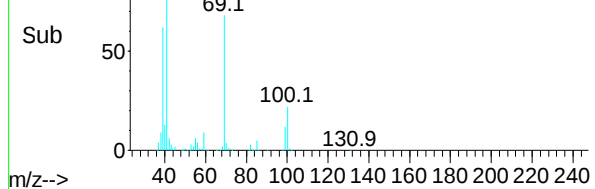
100 33.2 27.0 40.4



Abundance Scan 1489 (4.907 min): VL042047.D\data.ms (-1335) (-)

Sub 50

m/z-->



Abundance Scan 1413 (4.661 min): VL042041.D\data.ms (-1404)

2,2,4-Trimethylpentane

Concen: 12.763 ppbv

RT: 4.667 min Scan# 1415

Delta R.T. 0.006 min

Lab File: VL042047.D

Acq: 25 Feb 2025 12:07

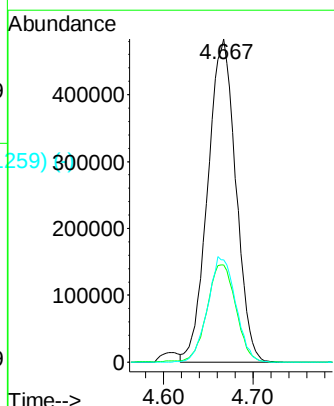
Tgt Ion: 57 Resp: 1054880

Ion Ratio Lower Upper

57 100

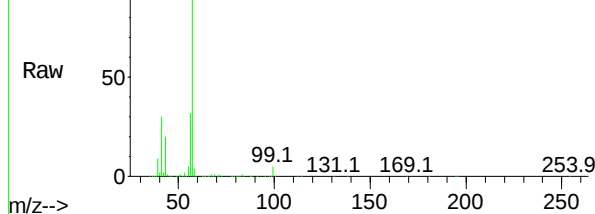
41 31.2 24.4 36.6

56 32.4 26.5 39.7



Ref 50

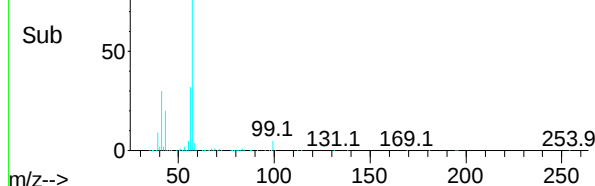
m/z-->



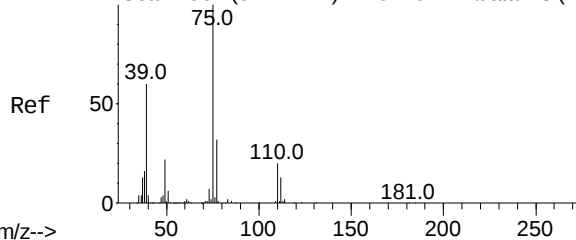
Abundance Scan 1415 (4.667 min): VL042047.D\data.ms (-1259)

Sub 50

m/z-->



Abundance Scan 1964 (6.444 min): VL042041.D\data.ms (-19415)

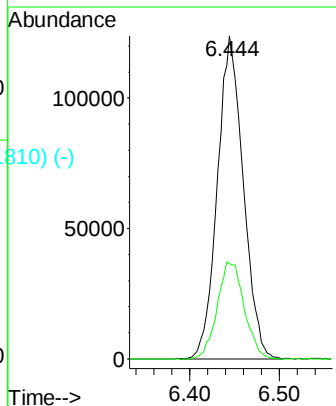
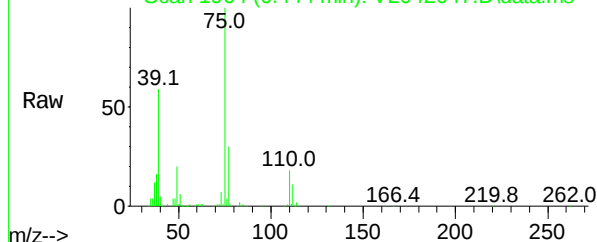


t-1,3-Dichloropropene
Concen: 11.914 ppbv
RT: 6.444 min Scan#
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

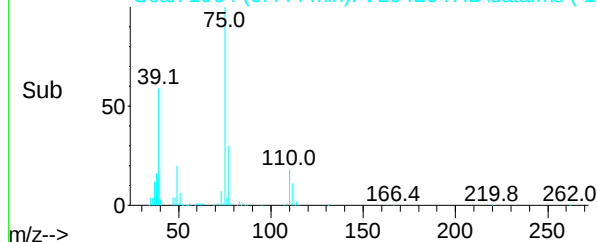
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 75 Resp: 249612
Ion Ratio Lower Upper
75 100
77 29.6 25.9 38.9

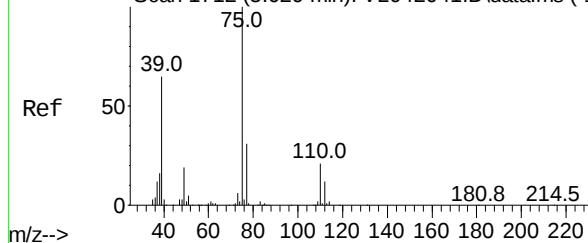
Abundance Scan 1964 (6.444 min): VL042047.D\data.ms



Abundance Scan 1964 (6.444 min): VL042047.D\data.ms (-1810) (-)



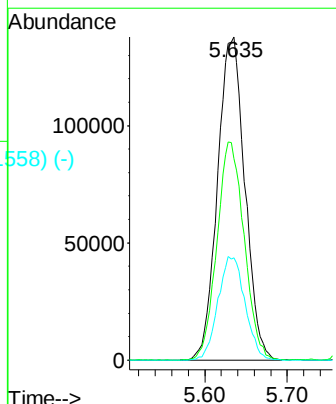
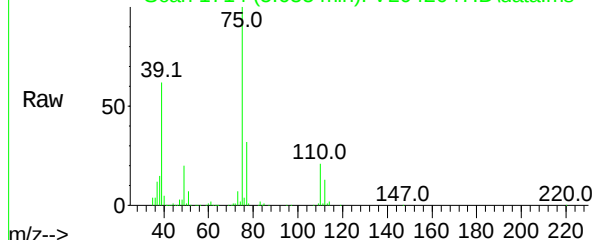
Abundance Scan 1712 (5.629 min): VL042041.D\data.ms (-16946)



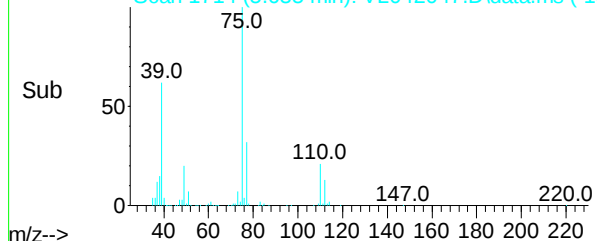
cis-1,3-Dichloropropene
Concen: 11.935 ppbv
RT: 5.635 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion: 75 Resp: 317266
Ion Ratio Lower Upper
75 100
39 62.4 51.9 77.9
77 31.6 24.9 37.3

Abundance Scan 1714 (5.635 min): VL042047.D\data.ms



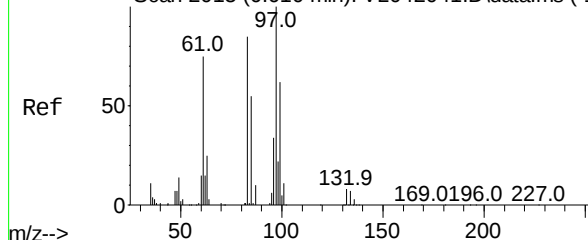
Abundance Scan 1714 (5.635 min): VL042047.D\data.ms (-1558) (-)



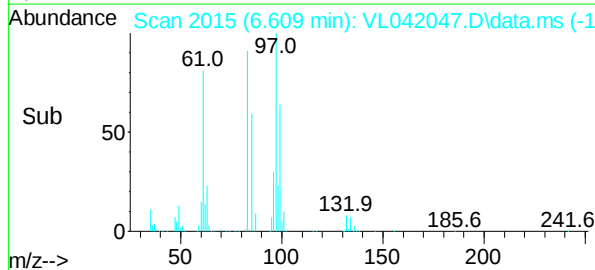
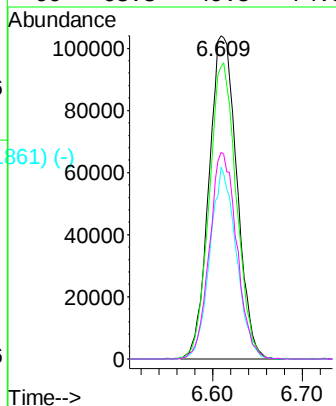
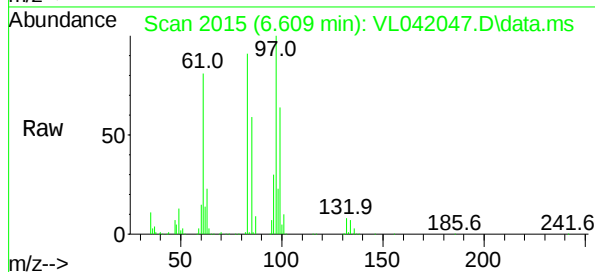
Abundance Scan 2015 (6.610 min): VL042041.D\data.ms (-1998)

1,1,2-Trichloroethane
Concen: 12.032 ppbv
RT: 6.609 min Scan#
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



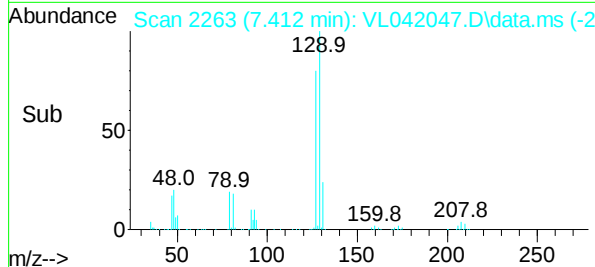
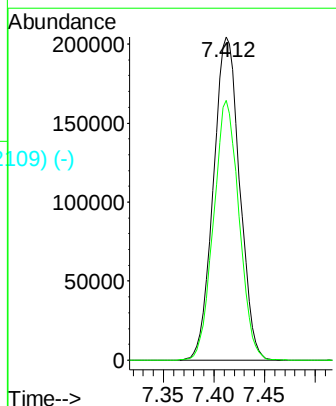
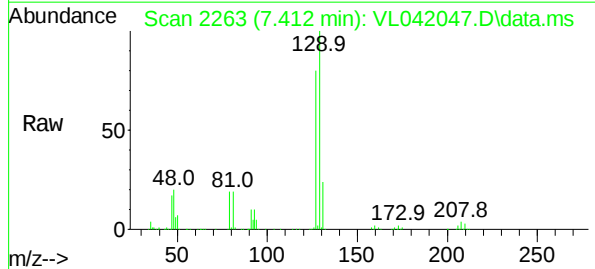
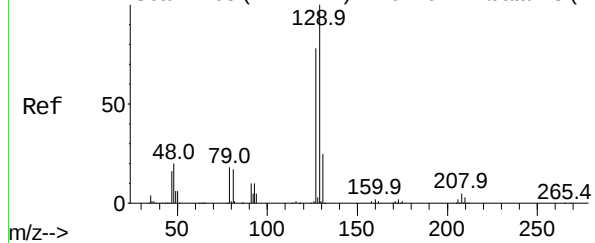
Tgt Ion:	97	Resp:	226021
Ion	Ratio	Lower	Upper
97	100		
83	90.5	68.1	102.1
85	59.4	44.0	66.0
99	63.8	49.5	74.3



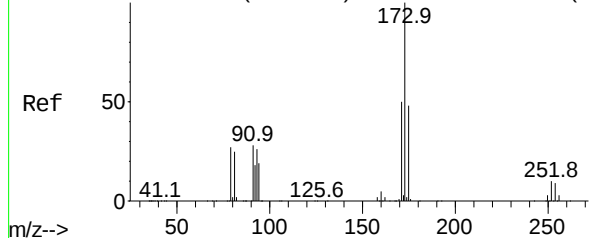
Abundance Scan 2263 (7.412 min): VL042041.D\data.ms (-2249)

Dibromochloromethane
Concen: 11.750 ppbv
RT: 7.412 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion:	129	Resp:	369666
Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.6	115.8



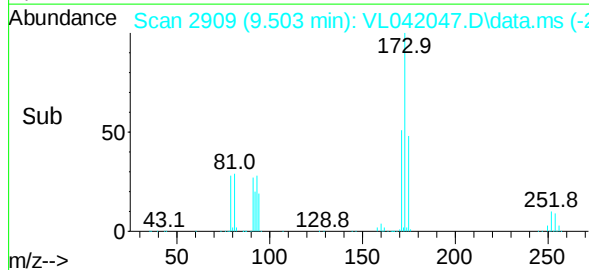
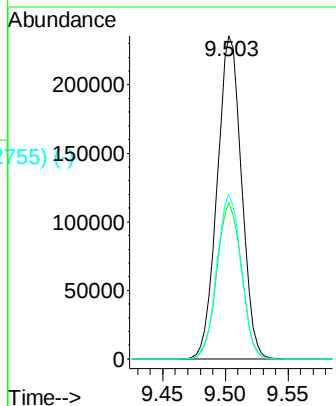
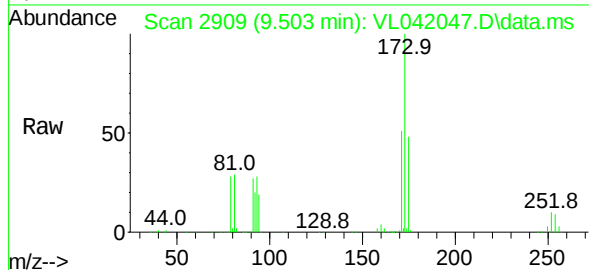
Abundance Scan 2909 (9.503 min): VL042041.D\data.ms (-289719)



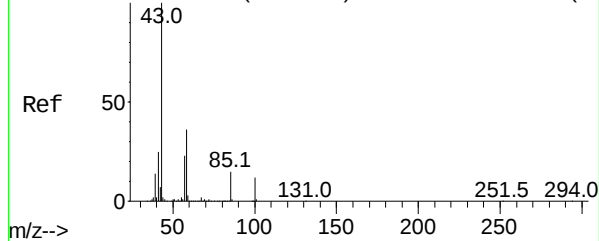
Bromoform
Concen: 12.297 ppbv
RT: 9.503 min Scan# 17
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.3	57.5
171	51.2	40.2	60.2

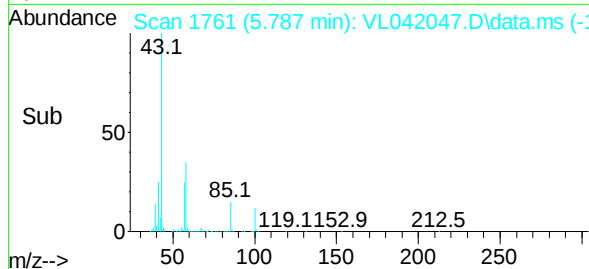
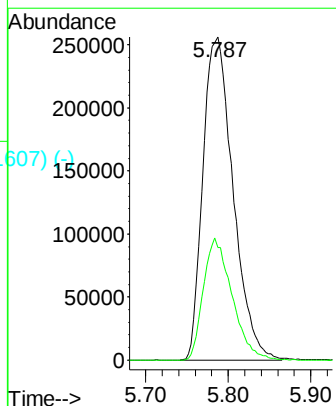
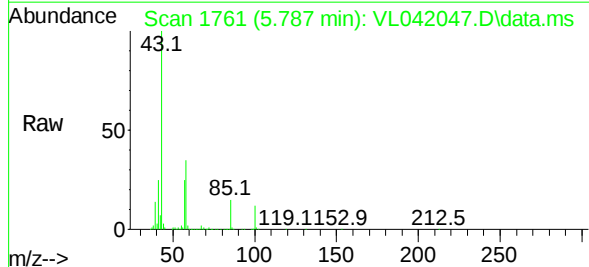


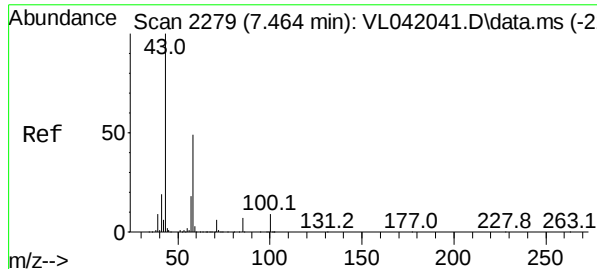
Abundance Scan 1761 (5.787 min): VL042041.D\data.ms (-174850)



4-Methyl-2-Pentanone
Concen: 12.237 ppbv
RT: 5.787 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.9	29.3	43.9

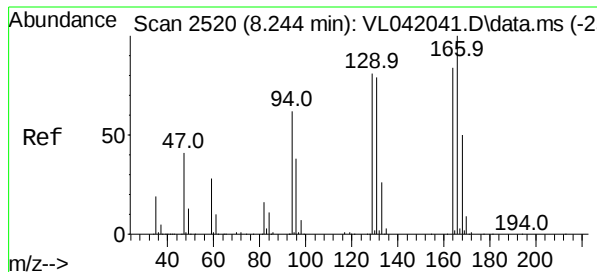
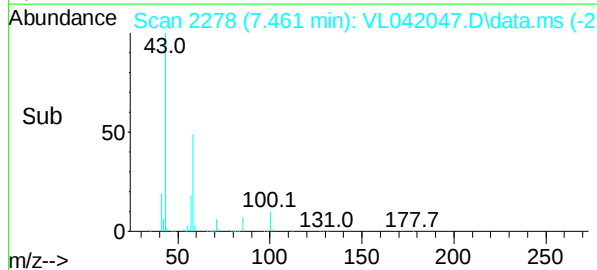
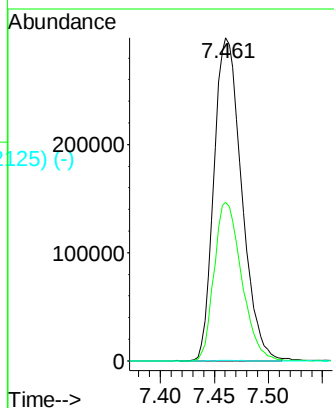
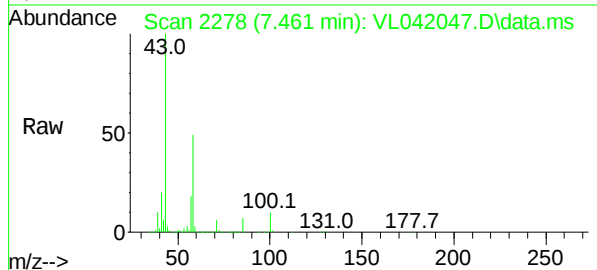




Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

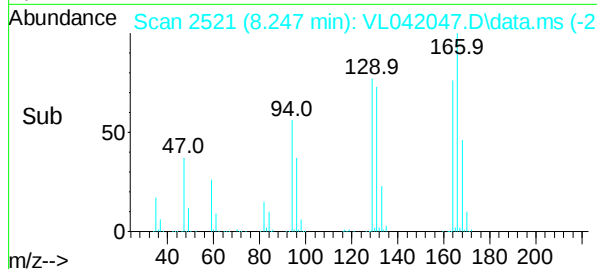
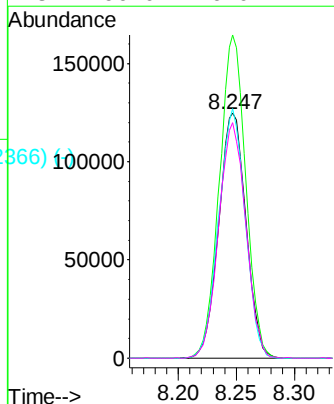
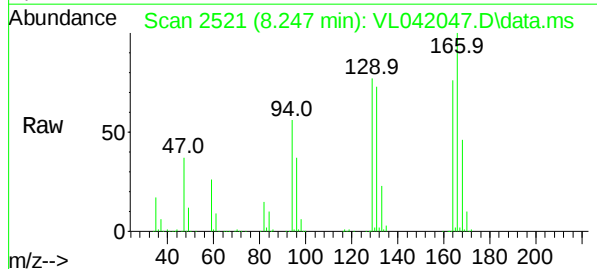
2-Hexanone
Concen: 12.198 ppbv
RT: 7.461 min Scan#
Delta R.T. -0.004 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion: 43 Resp: 530165
Ion Ratio Lower Upper
43 100
58 48.8 39.0 58.6
98 0.2 0.1 0.1#

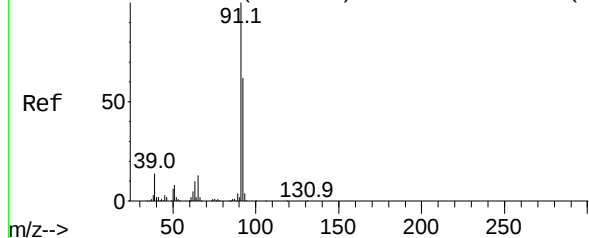


Tetrachloroethene
Concen: 11.968 ppbv
RT: 8.247 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion:164 Resp: 203233
Ion Ratio Lower Upper
164 100
166 132.0 95.7 143.5
129 102.0 77.1 115.7
131 96.0 76.0 114.0



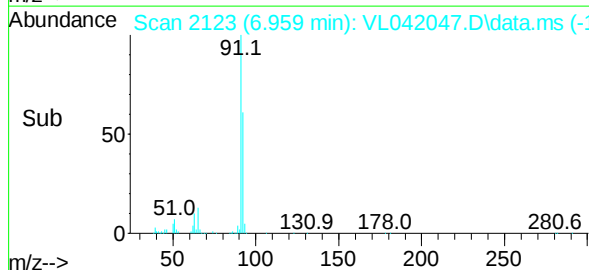
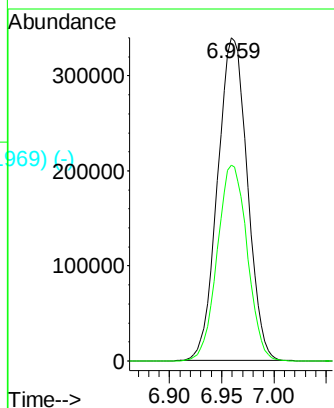
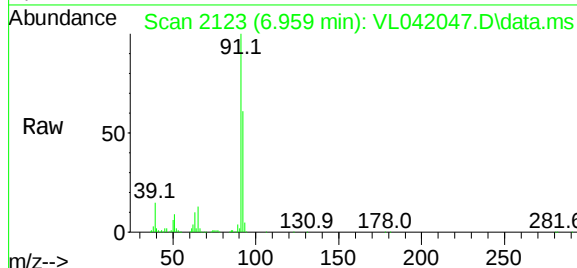
Abundance Scan 2123 (6.959 min): VL042041.D\data.ms (-210653)



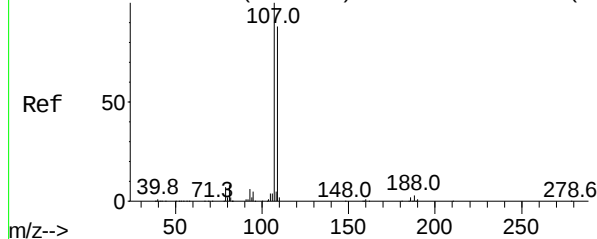
Toluene
Concen: 11.615 ppbv
RT: 6.959 min Scan# 2123
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 91 Resp: 673822
Ion Ratio Lower Upper
91 100
92 60.9 49.0 73.6

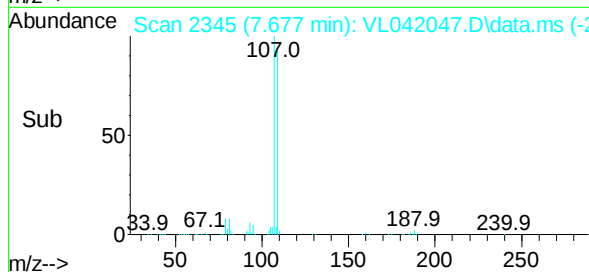
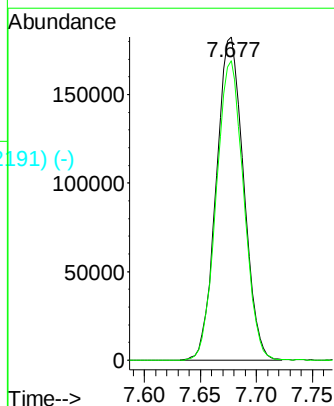
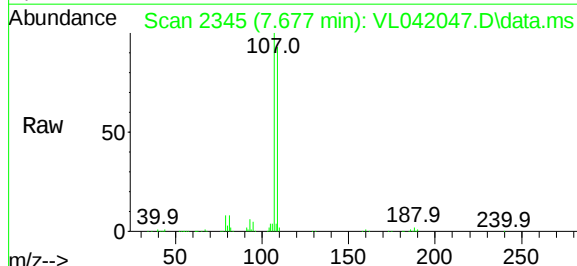


Abundance Scan 2345 (7.677 min): VL042041.D\data.ms (-233454)

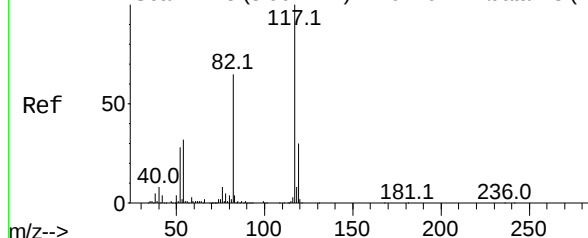


1,2-Dibromoethane
Concen: 11.985 ppbv
RT: 7.677 min Scan# 2345
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion:107 Resp: 309982
Ion Ratio Lower Upper
107 100
109 92.7 70.2 105.4



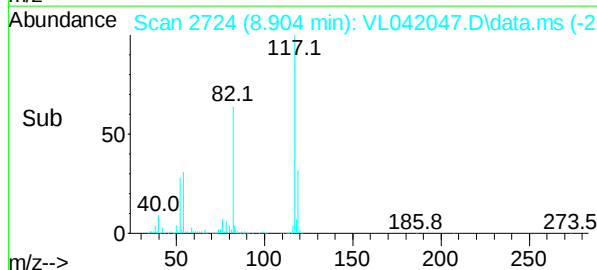
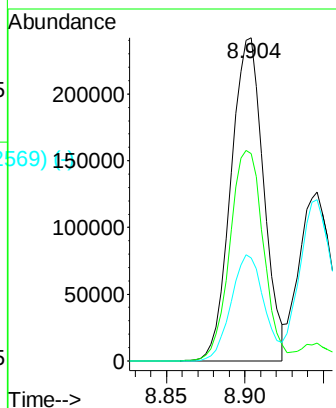
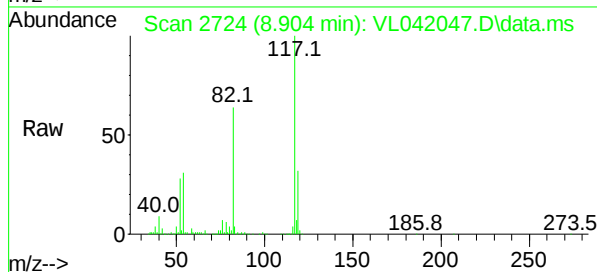
Abundance Scan 2723 (8.901 min): VL042041.D\data.ms (-27255)



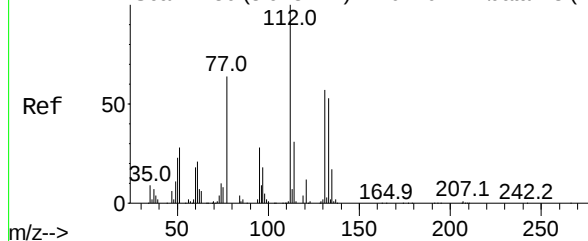
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.904 min Scan#
Delta R.T. 0.003 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

Tgt Ion:117 Resp: 351637
Ion Ratio Lower Upper
117 100
82 72.2 55.0 82.6
119 33.3 25.9 38.9

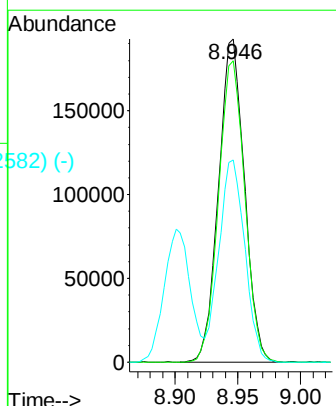
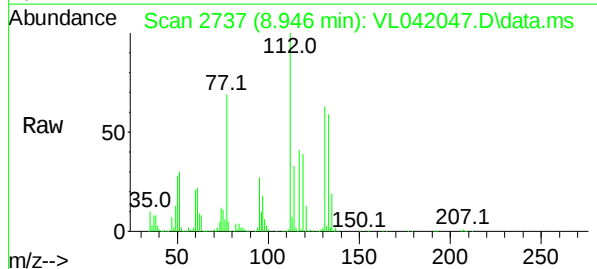


Abundance Scan 2736 (8.943 min): VL042041.D\data.ms (-27256)

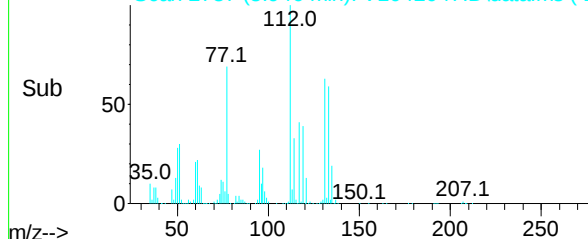


1,1,1,2-Tetrachloroethane
Concen: 10.979 ppbv
RT: 8.946 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion:131 Resp: 276326
Ion Ratio Lower Upper
131 100
133 94.6 75.8 113.8
119 63.6 52.1 78.1



Abundance Scan 2737 (8.946 min): VL042047.D\data.ms (-2582) (-)



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

Chlorobenzene

Concen: 11.957 ppbv

RT: 8.943 min Scan#

Delta R.T. 0.003 min

Lab File: VL042047.D

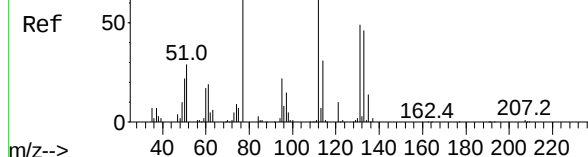
Acq: 25 Feb 2025 12:07

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC015



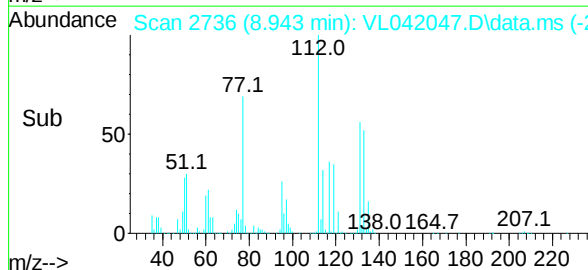
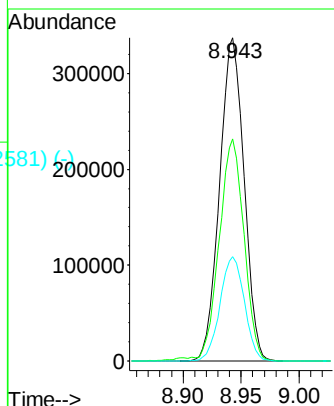
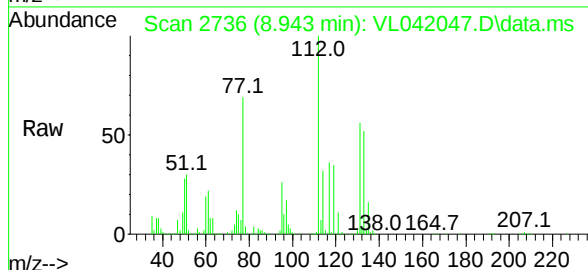
Tgt Ion: 112 Resp: 494606

Ion Ratio Lower Upper

112 100

77 68.6 53.4 80.2

114 32.4 28.3 34.5



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

Ethyl Benzene

Concen: 11.984 ppbv

RT: 9.373 min Scan# 2869

Delta R.T. -0.000 min

Lab File: VL042047.D

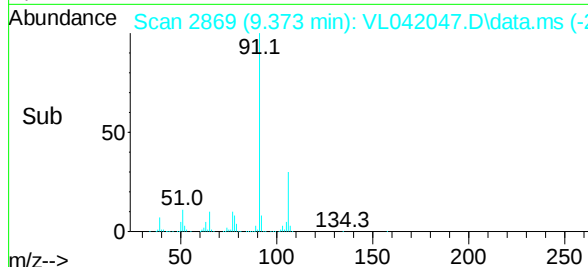
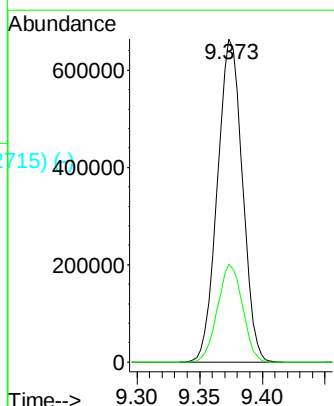
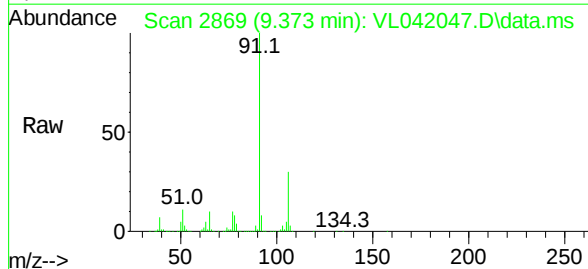
Acq: 25 Feb 2025 12:07

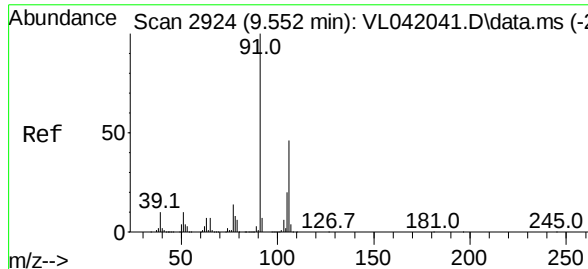
Tgt Ion: 91 Resp: 922265

Ion Ratio Lower Upper

91 100

106 30.2 24.2 36.2

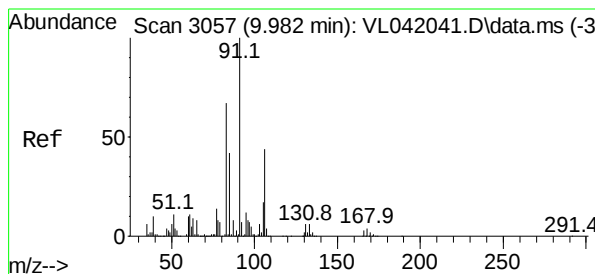
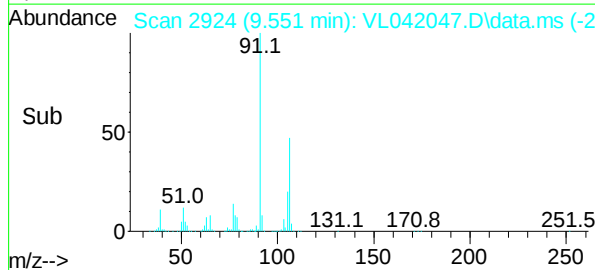
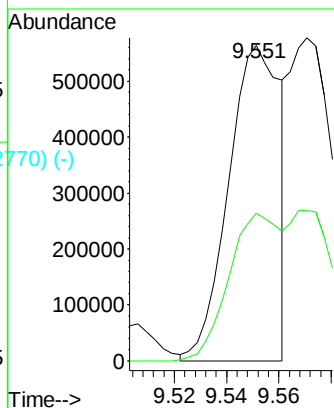
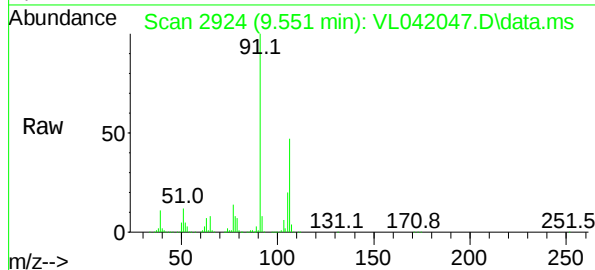




#59
m/p-Xylene
Concen: 12.703 ppbv
RT: 9.551 min Scan# 1
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

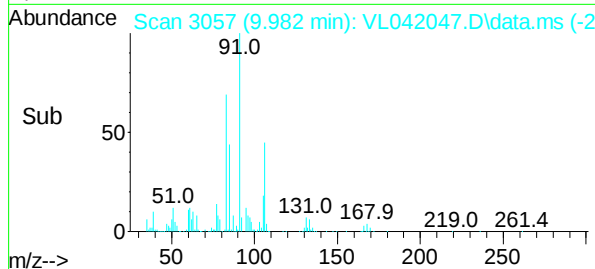
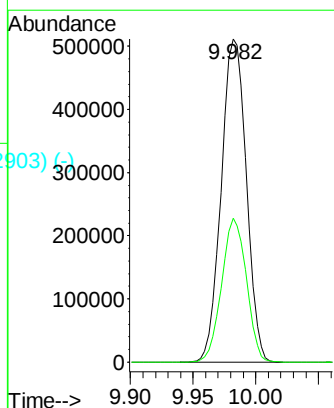
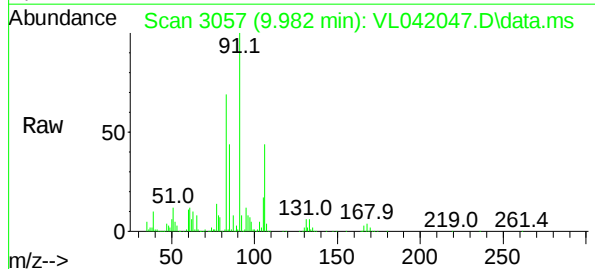
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

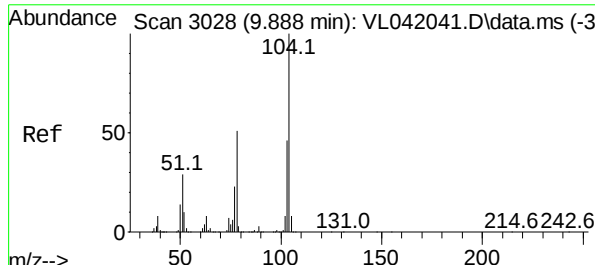
Tgt Ion: 91 Resp: 770010
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0



#60
o-Xylene
Concen: 11.626 ppbv
RT: 9.982 min Scan# 3057
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion: 91 Resp: 712735
Ion Ratio Lower Upper
91 100
106 43.8 22.3 66.8

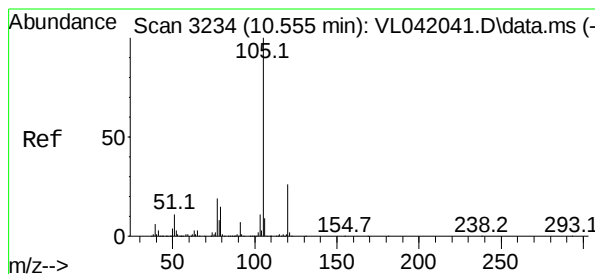
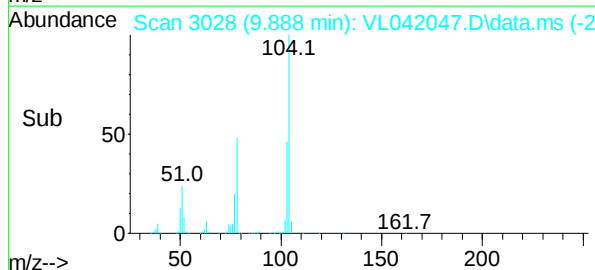
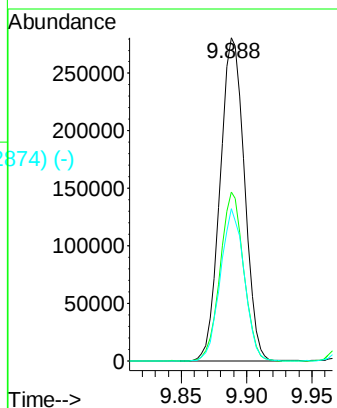
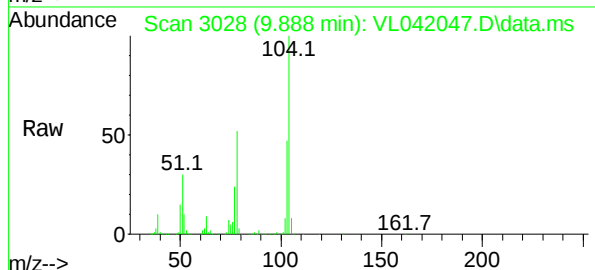




Styrene
Concen: 12.446 ppbv
RT: 9.888 min Scan#
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

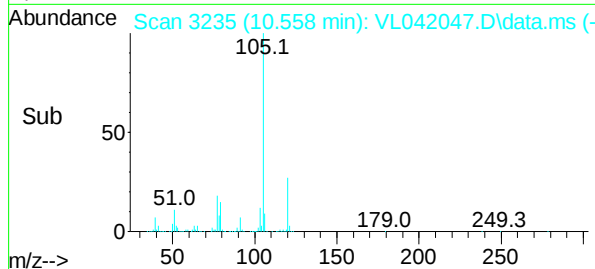
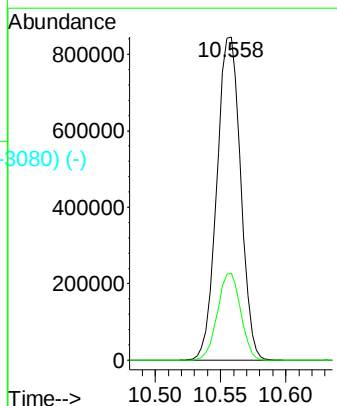
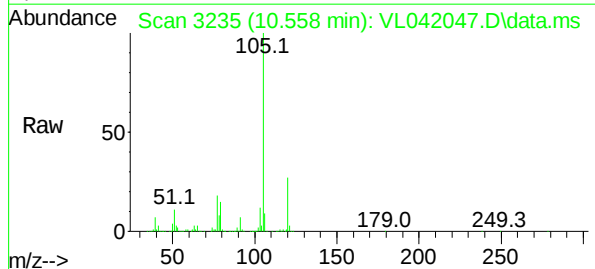
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

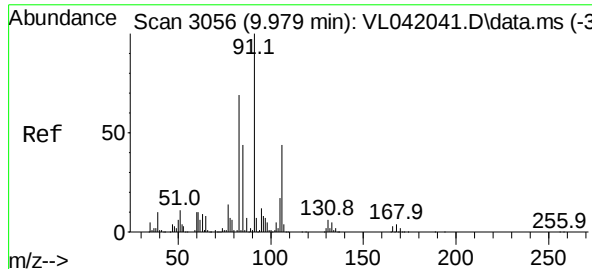
Tgt Ion:104 Resp: 363855
Ion Ratio Lower Upper
104 100
78 50.5 41.0 61.4
103 46.2 37.0 55.6



Isopropylbenzene
Concen: 11.612 ppbv
RT: 10.558 min Scan# 3235
Delta R.T. 0.003 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion:105 Resp: 1068777
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1

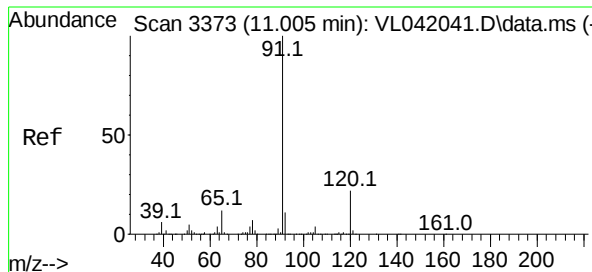
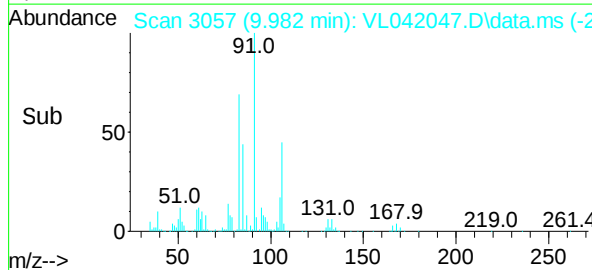
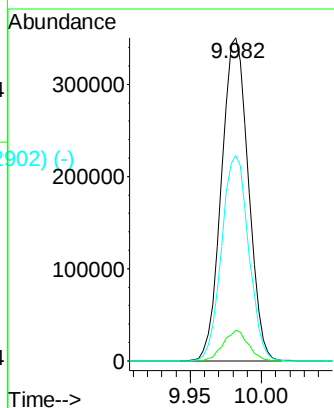
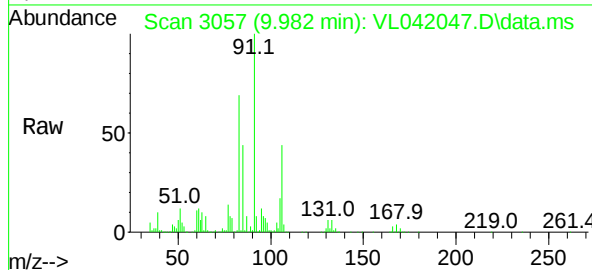




1,1,2,2-Tetrachloroethane
Concen: 11.626 ppbv
RT: 9.982 min Scan# 3056
Delta R.T. 0.003 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

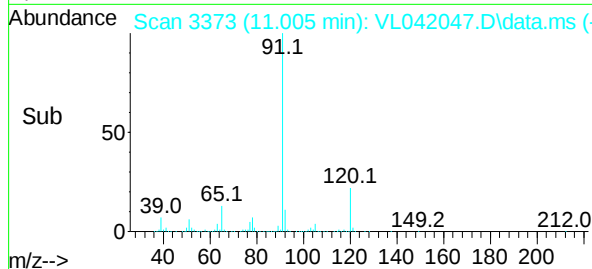
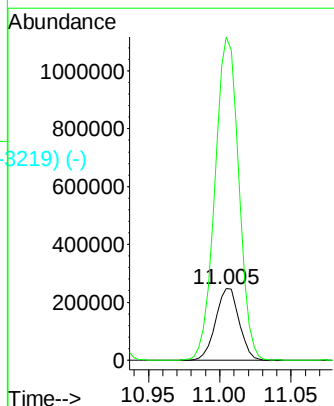
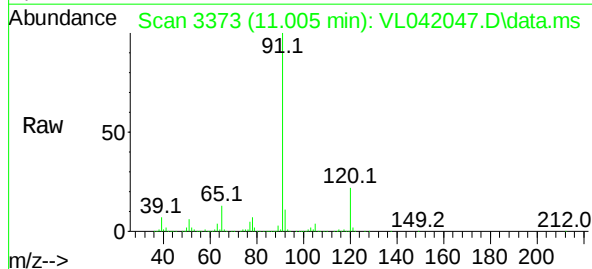
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

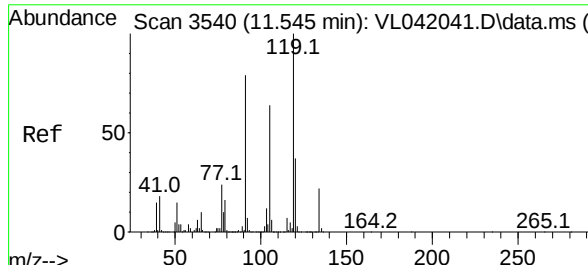
Tgt Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.5	13.7
85	63.9	32.1	96.3



n-propylbenzene
Concen: 12.486 ppbv
RT: 11.005 min Scan# 3373
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion	Ratio	Lower	Upper
120	100		
91	460.6	370.6	556.0

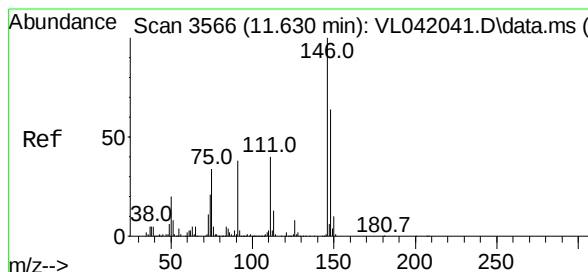
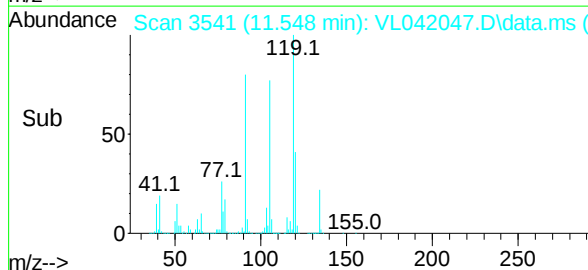
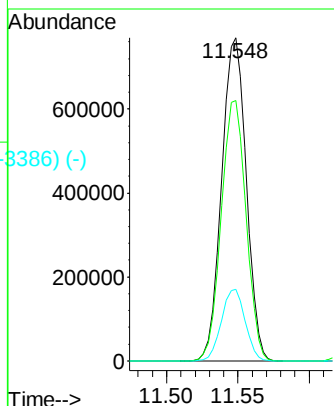
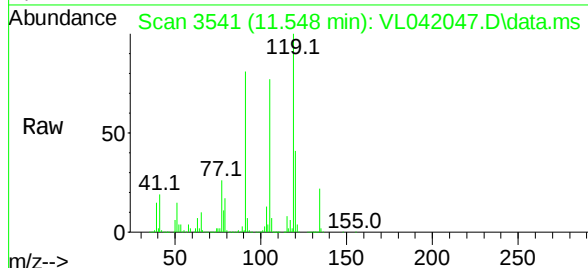




tert-Butylbenzene
 Concen: 11.526 ppbv
 RT: 11.548 min Scan#
 Delta R.T. 0.003 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

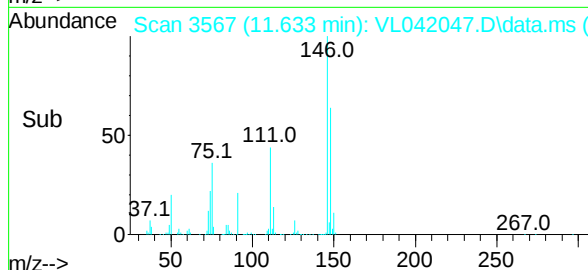
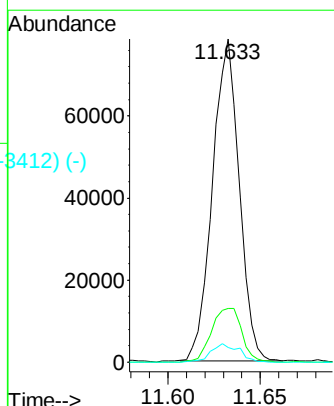
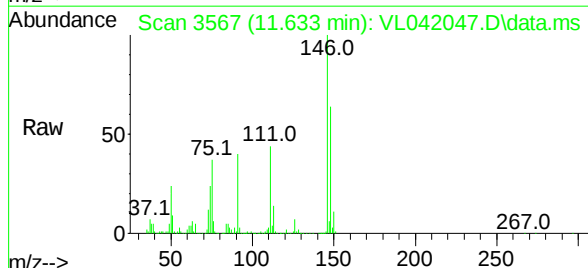
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

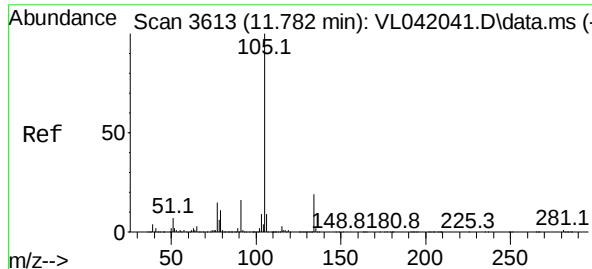
Tgt Ion:	119	Resp:	924810
Ion	Ratio	Lower	Upper
119	100		
91	81.2	64.2	96.2
134	21.4	17.4	26.2



Benzyl Chloride
 Concen: 9.819 ppbv
 RT: 11.633 min Scan# 3567
 Delta R.T. 0.003 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

Tgt Ion:	91	Resp:	78975
Ion	Ratio	Lower	Upper
91	100		
126	19.0	14.5	21.7
128	6.0	5.4	8.2

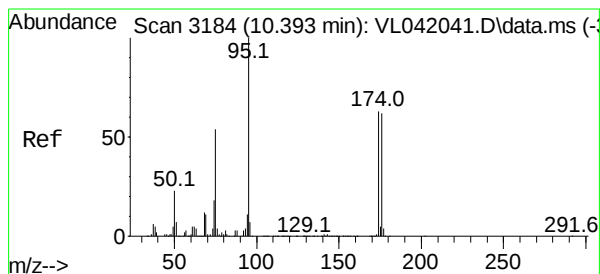
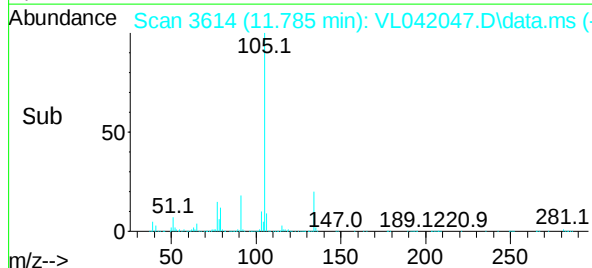
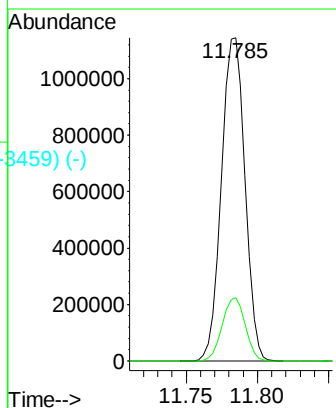
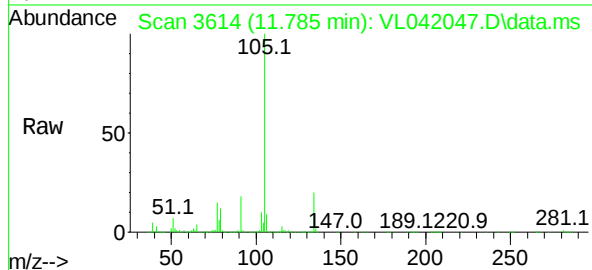




sec-Butylbenzene
 Concen: 11.674 ppbv
 RT: 11.785 min Scan#
 Delta R.T. 0.003 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

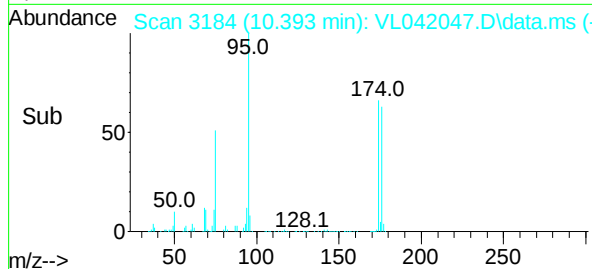
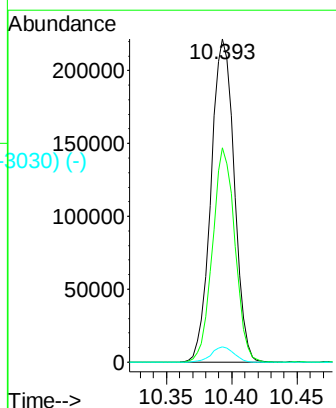
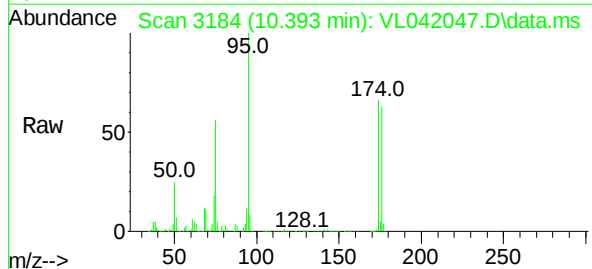
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

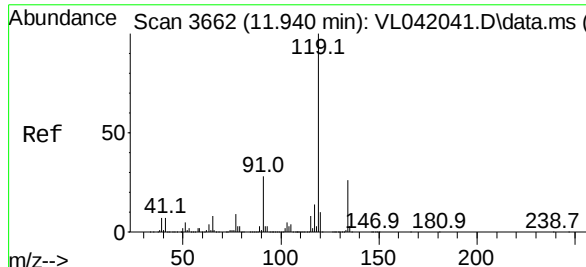
Tgt Ion:105 Resp: 1315730
 Ion Ratio Lower Upper
 105 100
 134 19.2 14.9 22.3



1-Bromo-4-Fluorobenzene
 Concen: 9.441 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. -0.000 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

Tgt Ion: 95 Resp: 273846
 Ion Ratio Lower Upper
 95 100
 174 64.0 51.8 77.6
 175 4.6 3.9 5.9

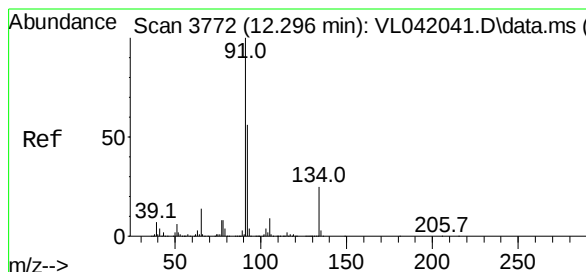
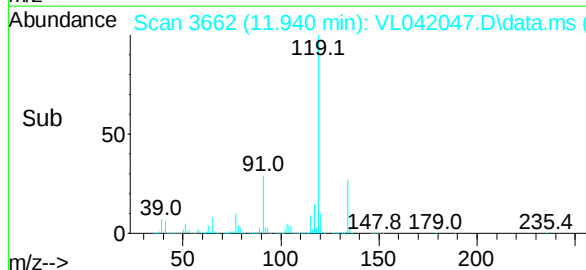
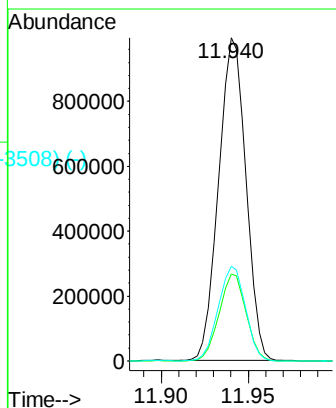
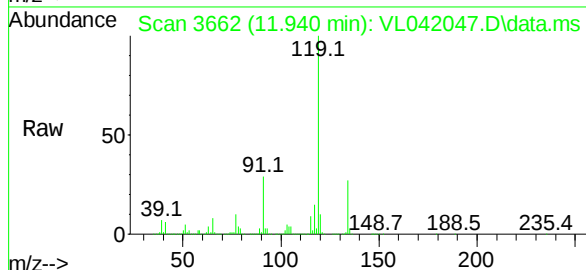




Scan 3662 (11.940 min): VL042041.D\data.ms (-3659) (-)
 p-Isopropyltoluene
 Concen: 11.752 ppbv
 RT: 11.940 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

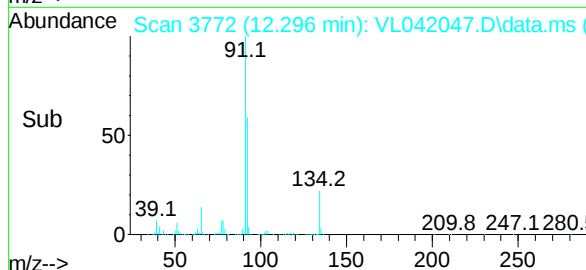
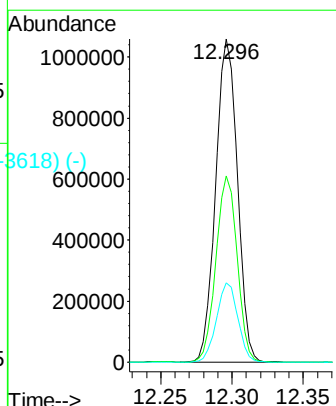
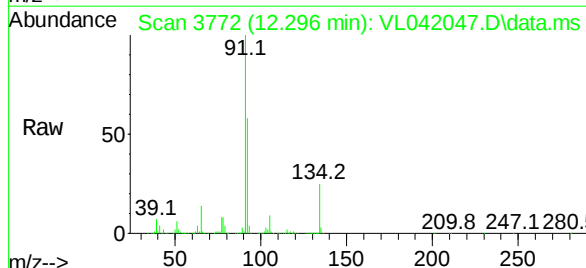
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

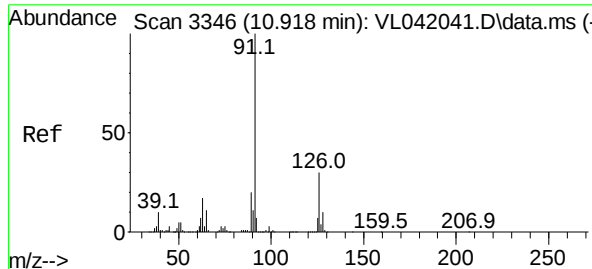
Tgt Ion:	119	Resp:	1084253
Ion	Ratio	Lower	Upper
119	100		
134	26.6	20.9	31.3
91	29.4	23.1	34.7



Scan 3772 (12.296 min): VL042041.D\data.ms (-3769) (-)
 n-Butylbenzene
 Concen: 12.306 ppbv
 RT: 12.296 min Scan# 3772
 Delta R.T. -0.000 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

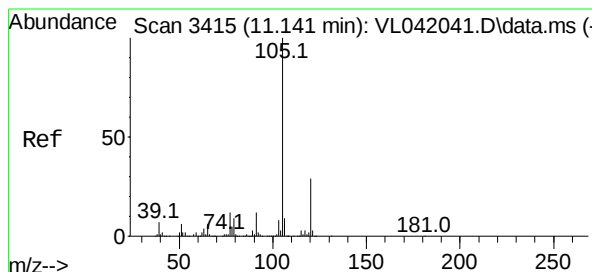
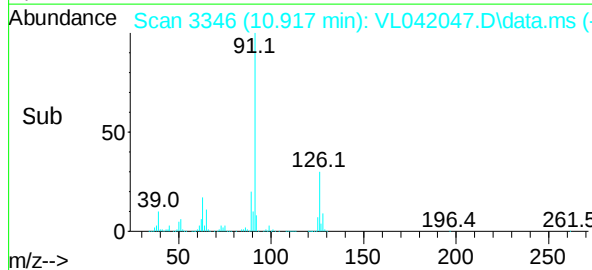
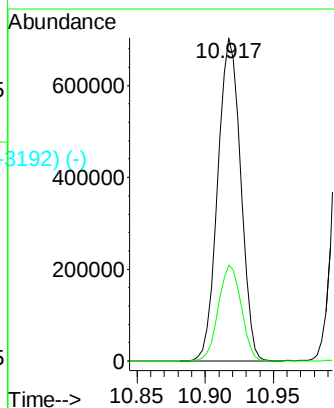
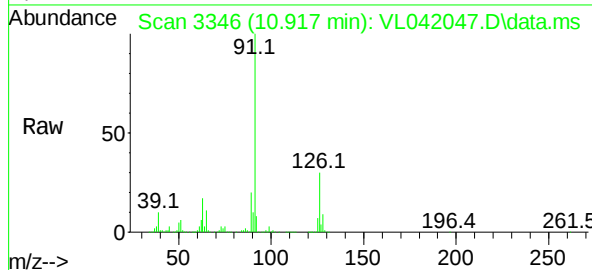
Tgt Ion:	91	Resp:	1118373
Ion	Ratio	Lower	Upper
91	100		
92	56.6	44.7	67.1
134	24.0	18.9	28.3





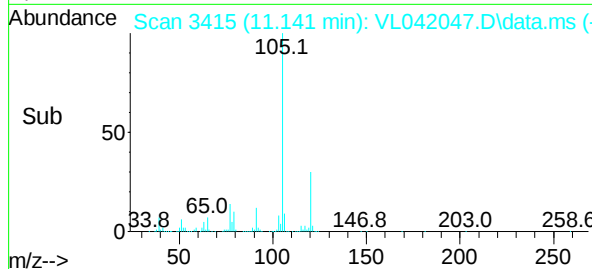
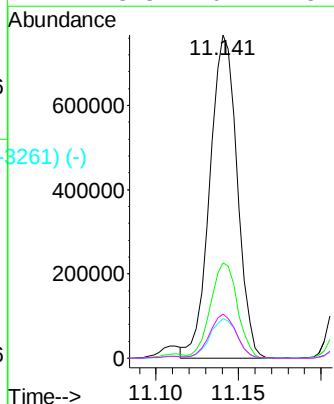
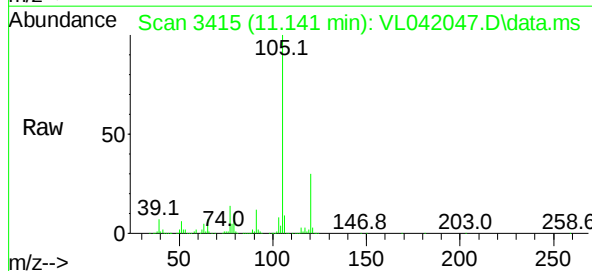
Instrument : MSVOA_1
 ClientSampleId : VSTDIC015
 2-Chlorotoluene
 Concen: 11.804 ppbv
 RT: 10.917 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

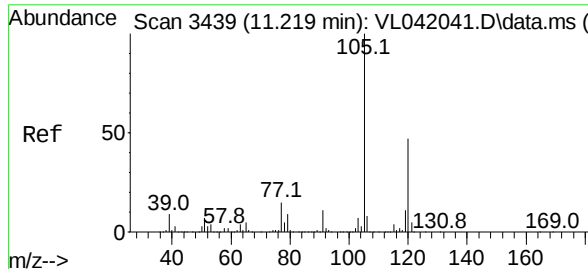
Tgt Ion: 91 Resp: 818204
 Ion Ratio Lower Upper
 91 100
 126 29.5 11.9 47.5



Instrument : MSVOA_1
 ClientSampleId : VSTDIC015
 4-Ethyltoluene
 Concen: 12.264 ppbv
 RT: 11.141 min Scan# 3415
 Delta R.T. -0.000 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

Tgt Ion: 105 Resp: 880883
 Ion Ratio Lower Upper
 105 100
 120 30.4 24.1 36.1
 91 12.7 10.2 15.4
 77 13.8 10.4 15.6

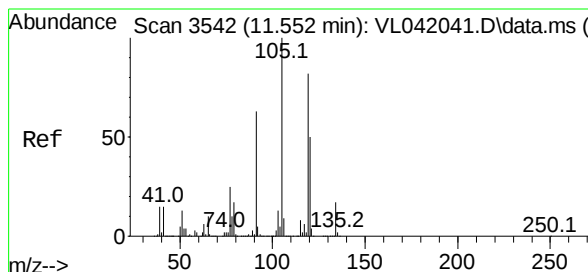
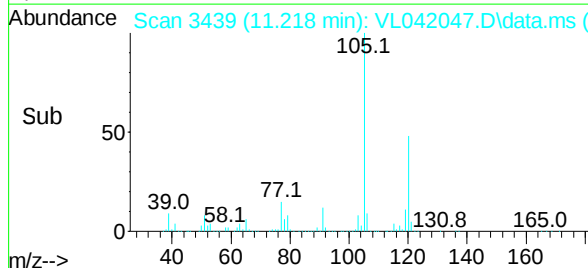
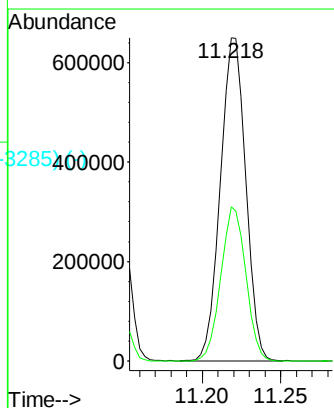
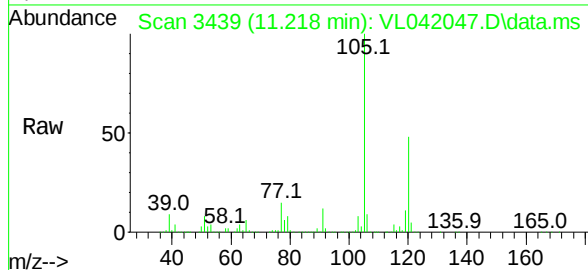




1,3,5-Trimethylbenzene
Concen: 11.921 ppbv
RT: 11.218 min Scan#
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

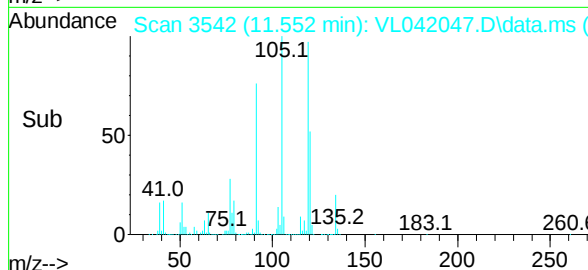
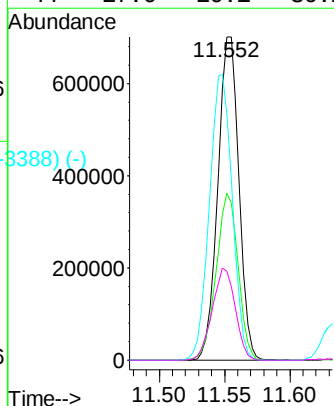
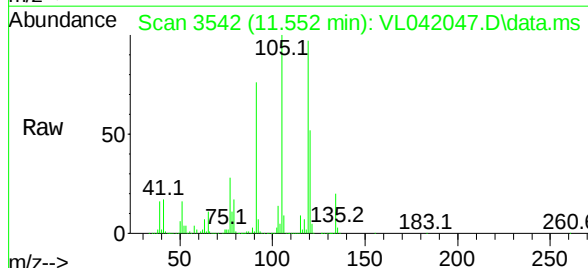
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

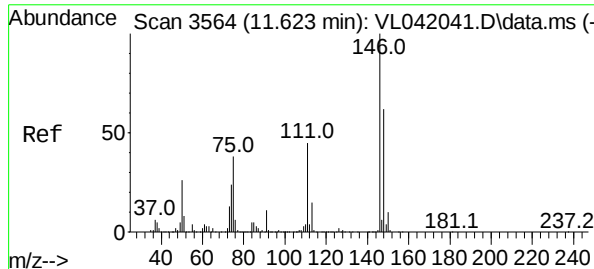
Tgt Ion:105 Resp: 738619
Ion Ratio Lower Upper
105 100
120 47.8 37.4 56.0



1,2,4-Trimethylbenzene
Concen: 11.801 ppbv
RT: 11.552 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion:105 Resp: 784701
Ion Ratio Lower Upper
105 100
120 51.6 40.2 60.2
91 76.3 51.4 77.2
77 27.6 20.1 30.1

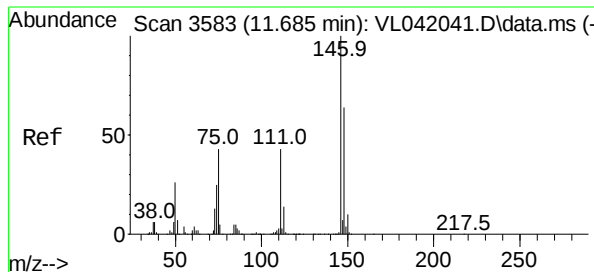
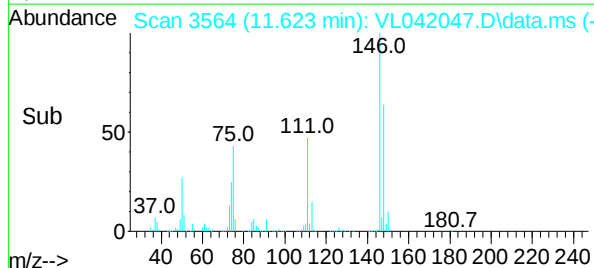
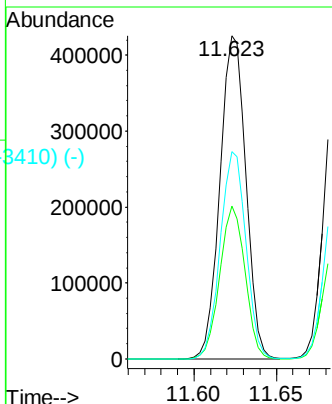
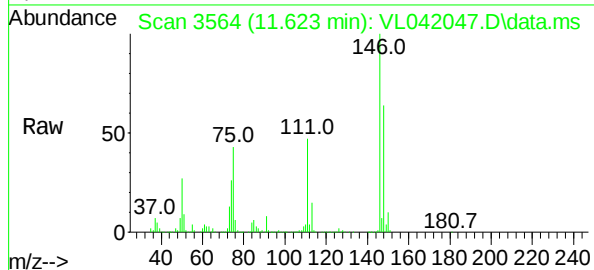




1,3-Dichlorobenzene
 Concen: 13.003 ppbv
 RT: 11.623 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

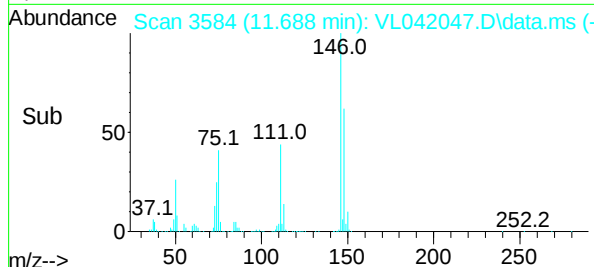
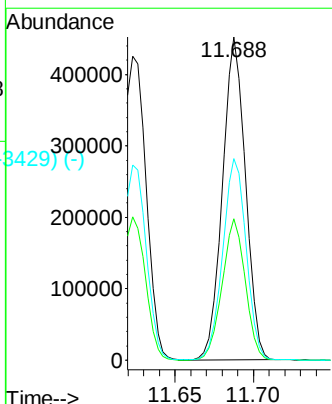
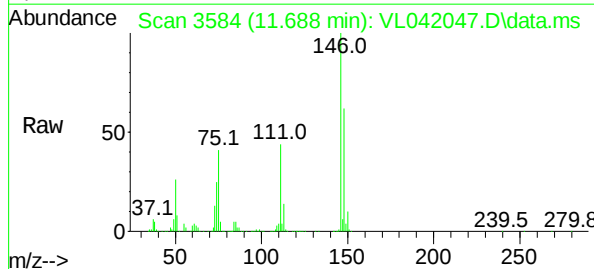
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

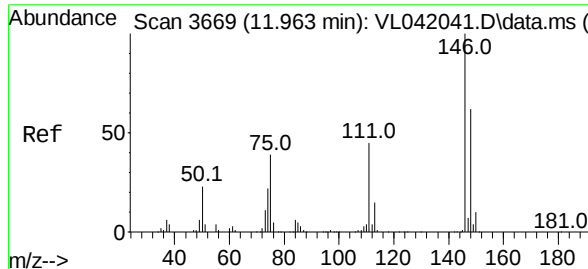
Tgt Ion:	146	Resp:	465436
Ion	Ratio	Lower	Upper
146	100		
111	46.0	22.4	67.2
148	63.5	32.3	96.8



1,4-Dichlorobenzene
 Concen: 13.386 ppbv
 RT: 11.688 min Scan# 3584
 Delta R.T. 0.003 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

Tgt Ion:	146	Resp:	467249
Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.5	64.5
148	63.7	31.6	95.0

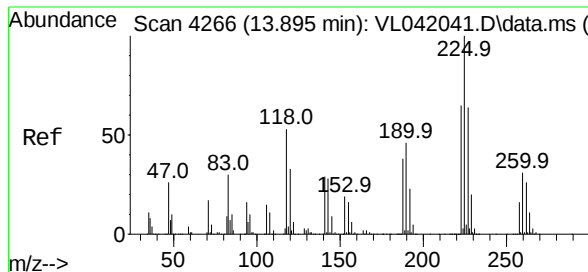
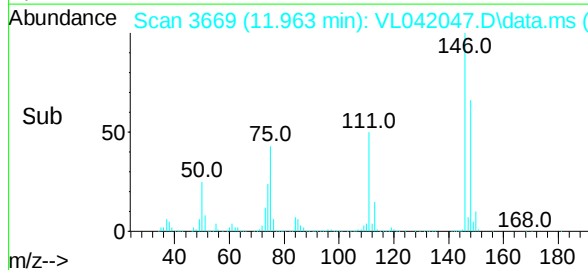
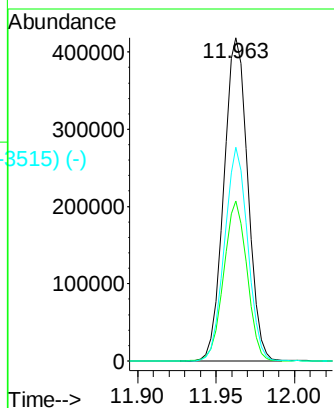
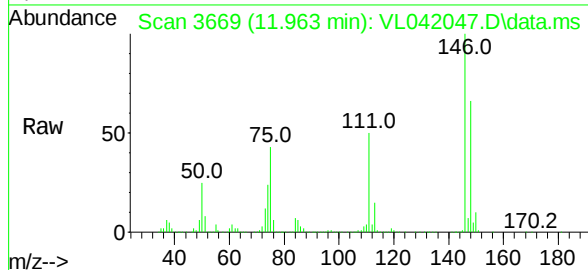




1,2-Dichlorobenzene
Concen: 13.129 ppbv
RT: 11.963 min Scan#
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

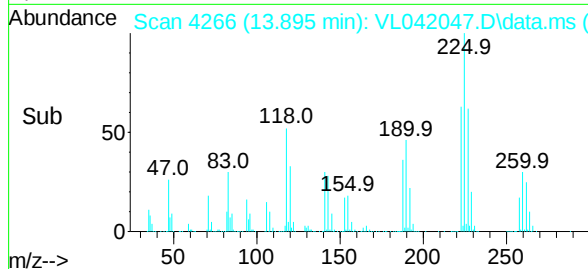
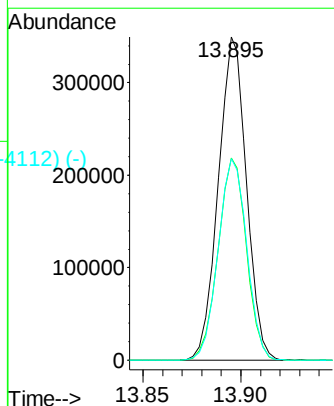
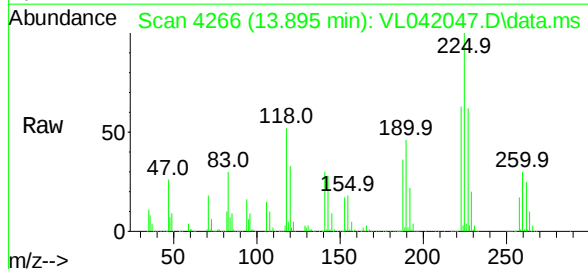
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

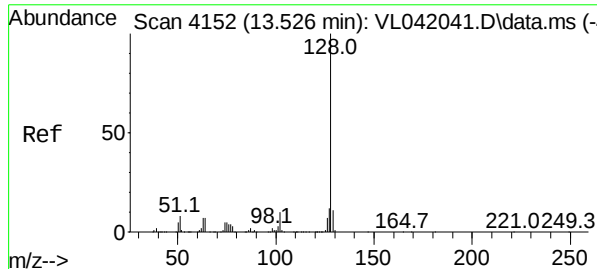
Tgt Ion:	146	Resp:	449222
Ion	Ratio	Lower	Upper
146	100		
111	48.1	23.2	69.6
148	64.0	31.4	94.2



Hexachloro-1,3-Butadiene
Concen: 12.403 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion:	225	Resp:	351085
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.2
227	63.4	50.8	76.2

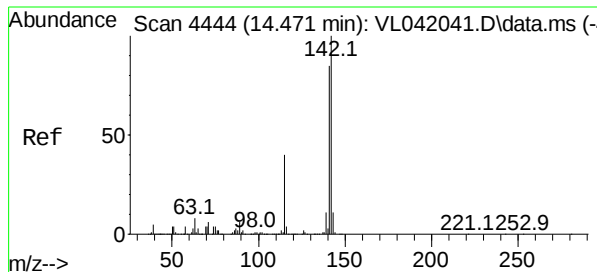
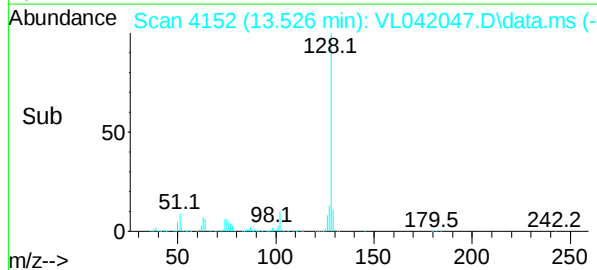
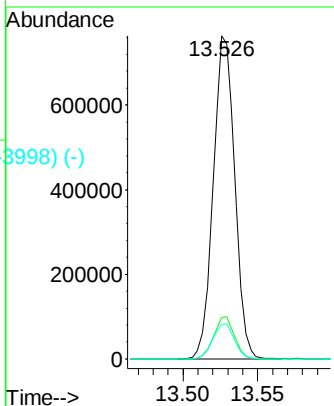
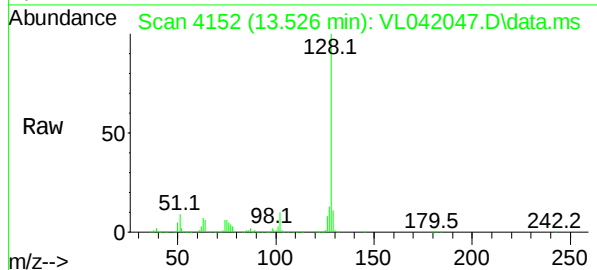




#179 (-)
Naphthalene
Concen: 11.696 ppbv
RT: 13.526 min Scan#
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

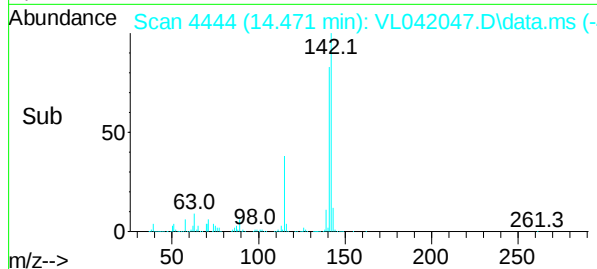
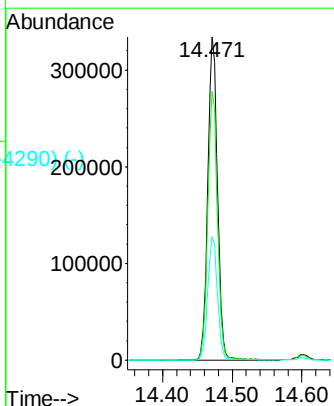
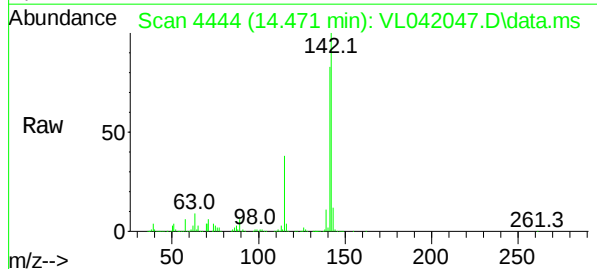
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

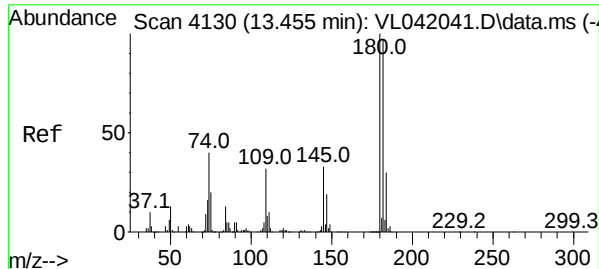
Tgt Ion:	128	Resp:	764990
Ion	Ratio	Lower	Upper
128	100		
127	12.9	9.8	14.6
129	10.7	8.6	12.8



#429 (-)
Naphthalene, 2-methyl-
Concen: 10.956 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. -0.000 min
Lab File: VL042047.D
Acq: 25 Feb 2025 12:07

Tgt Ion:	142	Resp:	324431
Ion	Ratio	Lower	Upper
142	100		
141	82.9	65.8	98.6
115	38.5	29.5	44.3





1,2,4-Trichlorobenzene
 Concen: 13.351 ppbv
 RT: 13.455 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042047.D
 Acq: 25 Feb 2025 12:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion:	180	Resp:	354990
Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.1	112.7
184	29.9	23.8	35.6

