

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022525\
 Data File : VL042044.D
 Acq On : 25 Feb 2025 10:31
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Feb 25 10:56:41 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	2.797	49	159644	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	421340	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	365954	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.390	95	281042	9.310	ppbv	0.00
Spiked Amount	10.000	Range 65 - 135	Recovery	=	93.100%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.502	85	8852	0.322	ppbv	98
3) Chlorodifluoromethane	1.479	51	11921	0.392	ppbv	94
4) Chloromethane	1.537	50	3497	0.327	ppbv #	88
5) Vinyl Chloride	1.583	62	3005	0.235	ppbv	98
6) Bromomethane	1.673	94	1359	0.275	ppbv	92
7) Chloroethane	1.709	64	1205	0.290	ppbv	89
8) Dichlorotetrafluoroethane	1.557	85	7123	0.295	ppbv	99
9) Propene	1.486	41	4904	0.374	ppbv	94
10) Heptane	5.004	43	15731	0.432	ppbv	98
11) Trichlorofluoromethane	1.884	101	8429	0.305	ppbv	92
12) 1,1,2-Trichlorotrifluo...	2.146	101	7336	0.340	ppbv	98
13) Ethanol	1.725	45	426	0.288	ppbv	75
14) Bromoethene	1.787	108	2598	0.323	ppbv #	89
15) Acetone	1.842	43	8655	0.328	ppbv	96
16) 1,3-Butadiene	1.615	39	3803	0.304	ppbv	97
17) tert-Butyl alcohol	2.049	59	9447	0.290	ppbv #	90
18) 1,1-Dichloroethene	2.039	96	3173	0.308	ppbv	94
19) Isopropyl Alcohol	1.894	45	4481	0.303	ppbv #	32
20) Methylene Chloride	2.068	84	3423	0.345	ppbv	97
21) Allyl Chloride	2.104	41	5640	0.296	ppbv	100
22) trans-1,2-Dichloroethene	2.039	96	3173	0.284	ppbv	92
23) Vinyl Acetate	2.473	43	5499	0.385	ppbv #	86
24) 1,1-Dichloroethane	2.418	63	7396	0.326	ppbv #	88
25) Ethyl Acetate	2.848	43	30593	0.423	ppbv	98
26) Hexane	2.832	57	12739	0.439	ppbv	98
27) Carbon Disulfide	2.159	76	8316	0.305	ppbv #	15
28) Methyl tert-Butyl Ether	2.450	73	5185	0.292	ppbv #	80
29) Chloroform	2.858	83	17278	0.411	ppbv	93
30) Cyclohexane	3.874	84	9209	0.391	ppbv	88
31) cis-1,2-Dichloroethene	2.729	61	11344	0.395	ppbv	97
32) 1,1,1-Trichloroethane	3.382	97	15027	0.322	ppbv	93
34) 2-Butanone	2.570	43	17555	0.484	ppbv	99
35) Carbon Tetrachloride	3.780	117	14223	0.348	ppbv	90
36) Benzene	3.670	78	22728	0.445	ppbv	95
37) 1,2-Dichloroethane	3.230	62	13141	0.452	ppbv	100
38) Trichloroethene	4.570	130	9115	0.440	ppbv #	87
39) 1,2-Dichloropropane	4.331	63	8723	0.466	ppbv	91
40) 1,4-Dioxane	4.622	88	3478	0.357	ppbv #	33
41) Tetrahydrofuran	3.078	42	9880	0.477	ppbv	98
42) Bromodichloromethane	4.505	83	16973	0.431	ppbv #	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022525\
 Data File : VL042044.D
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 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Feb 25 10:56:41 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

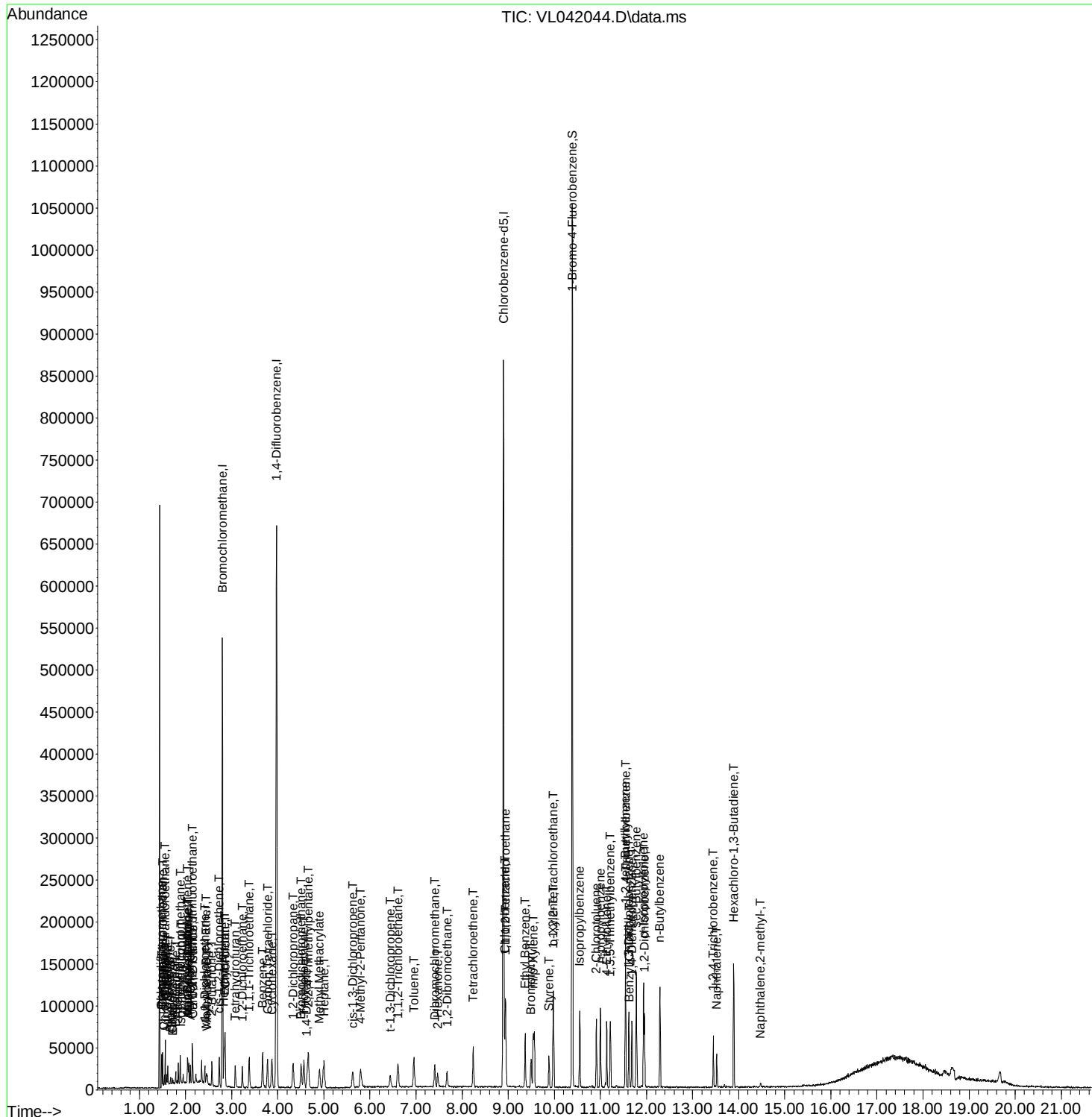
Response via : Initial Calibration

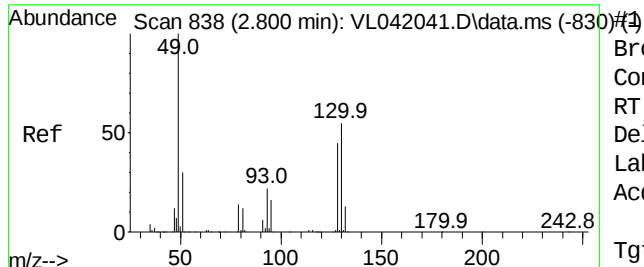
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Methyl Methacrylate	4.904	69	8428	0.362	ppbv	93
44) 2,2,4-Trimethylpentane	4.661	57	40623	0.469	ppbv	98
45) t-1,3-Dichloropropene	6.441	75	8004	0.364	ppbv	90
46) cis-1,3-Dichloropropene	5.629	75	4036	0.145	ppbv	89
47) 1,1,2-Trichloroethane	6.609	97	5914	0.300	ppbv #	82
48) Dibromochloromethane	7.406	129	12677	0.384	ppbv	99
49) Bromoform	9.496	173	11640	0.430	ppbv	98
50) 4-Methyl-2-Pentanone	5.794	43	11029	0.198	ppbv #	38
51) 2-Hexanone	7.470	43	11717	0.257	ppbv #	95
52) Tetrachloroethene	8.241	164	8012	0.450	ppbv	95
53) Toluene	6.956	91	24224	0.398	ppbv	96
54) 1,2-Dibromoethane	7.674	107	5550	0.205	ppbv	85
56) 1,1,1,2-Tetrachloroethane	8.940	131	11100	0.424	ppbv #	61
57) Chlorobenzene	8.936	112	20167	0.468	ppbv	97
58) Ethyl Benzene	9.370	91	34506	0.431	ppbv	90
59) m/p-Xylene	9.545	91	28109	0.446	ppbv #	100
60) o-Xylene	9.979	91	28757	0.451	ppbv	95
61) Styrene	9.885	104	12051	0.396	ppbv	99
62) Isopropylbenzene	10.552	105	42074	0.439	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.975	83	18774	0.456	ppbv	96
64) n-propylbenzene	11.001	120	10900	0.463	ppbv	100
65) tert-Butylbenzene	11.542	119	38066	0.456	ppbv	98
66) Benzyl Chloride	11.626	91	2589	0.309	ppbv #	96
67) sec-Butylbenzene	11.778	105	54394	0.464	ppbv	97
69) p-Isopropyltoluene	11.937	119	40978	0.427	ppbv	95
70) n-Butylbenzene	12.293	91	42673	0.451	ppbv	99
71) 2-Chlorotoluene	10.914	91	32161	0.446	ppbv	99
72) 4-Ethyltoluene	11.137	105	32477	0.434	ppbv #	95
73) 1,3,5-Trimethylbenzene	11.215	105	29130	0.452	ppbv	91
74) 1,2,4-Trimethylbenzene	11.548	105	33950	0.491	ppbv	97
75) 1,3-Dichlorobenzene	11.616	146	20339	0.546	ppbv	96
76) 1,4-Dichlorobenzene	11.684	146	20492	0.564	ppbv	93
77) 1,2-Dichlorobenzene	11.959	146	19373	0.544	ppbv	96
78) Hexachloro-1,3-Butadiene	13.892	225	15367	0.522	ppbv	99
79) Naphthalene	13.523	128	17897	0.263	ppbv #	95
80) Naphthalene,2-methyl-	14.478	142	1646	0.053	ppbv #	81
81) 1,2,4-Trichlorobenzene	13.452	180	10771	0.389	ppbv	94

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

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCO.5

Quant Time: Feb 25 10:56:41 2025
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 25 10:31:48 2025
Response via : Initial Calibration

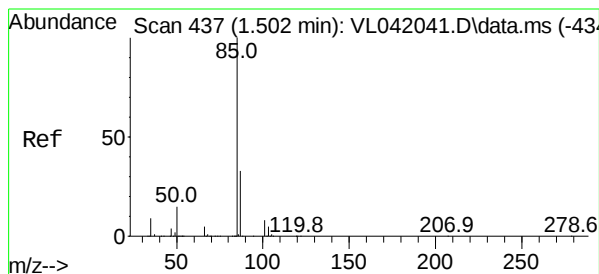
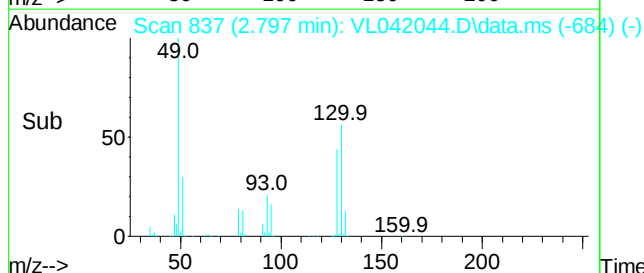
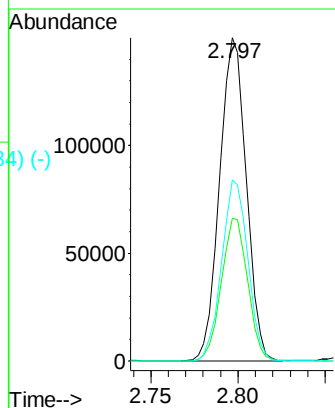
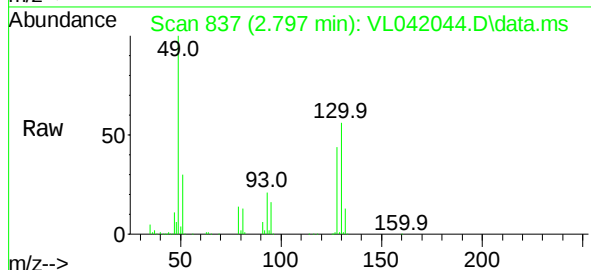




Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan#
Delta R.T. -0.003 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

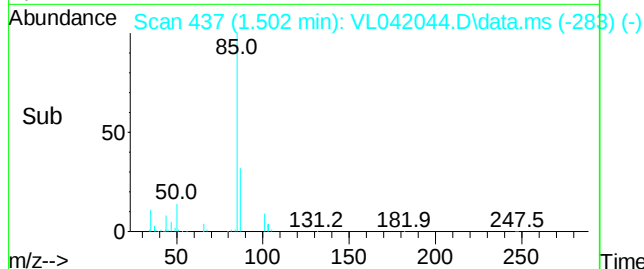
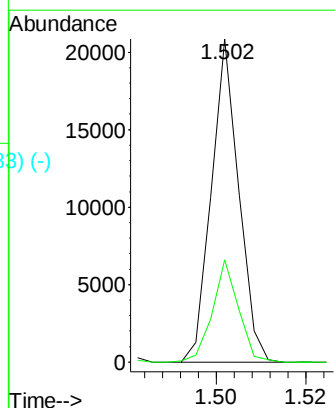
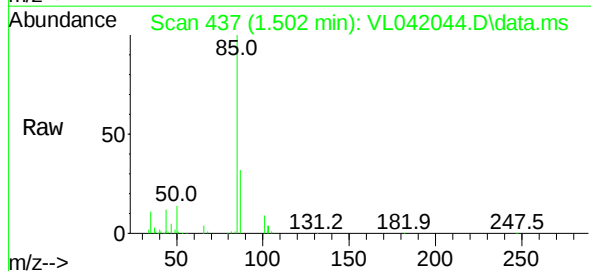
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

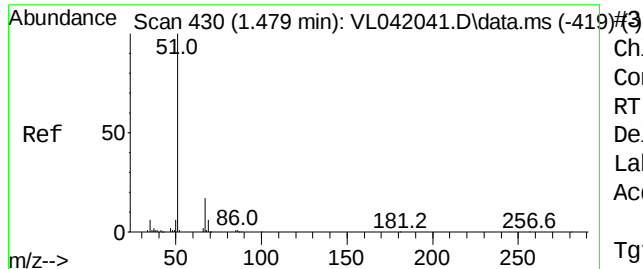
Tgt Ion: 49 Resp: 159644
Ion Ratio Lower Upper
49 100
128 43.5 21.6 64.8
130 55.1 27.8 83.4



Dichlorodifluoromethane
Concen: 0.322 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion: 85 Resp: 8852
Ion Ratio Lower Upper
85 100
87 31.7 26.4 39.6

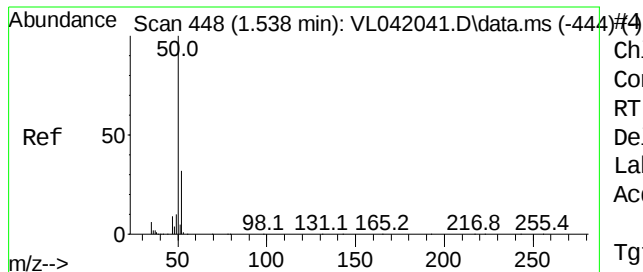
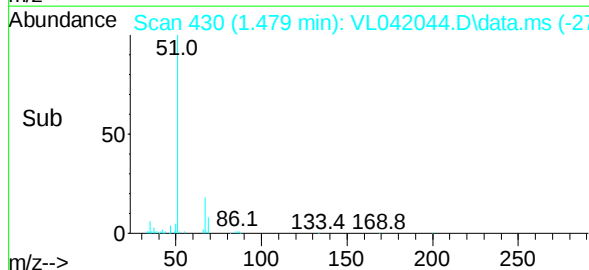
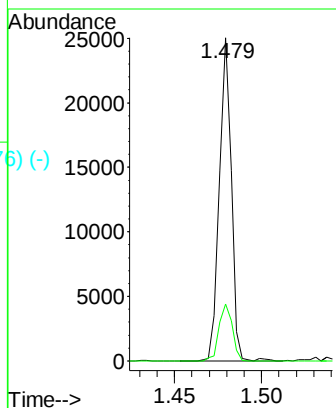
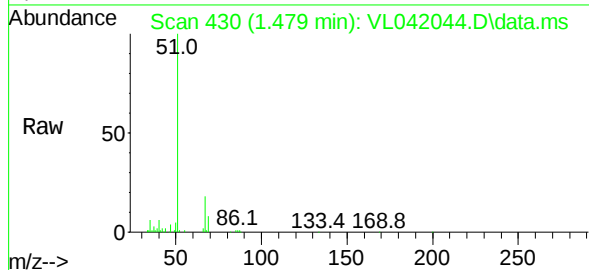




Chlorodifluoromethane
Concen: 0.392 ppbv
RT: 1.479 min Scan#
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

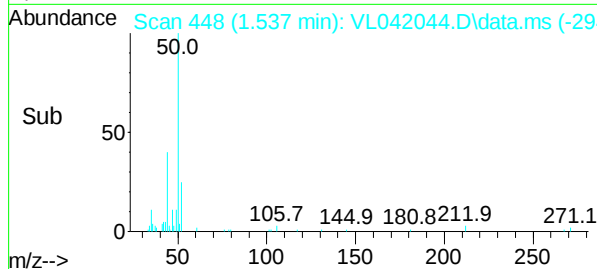
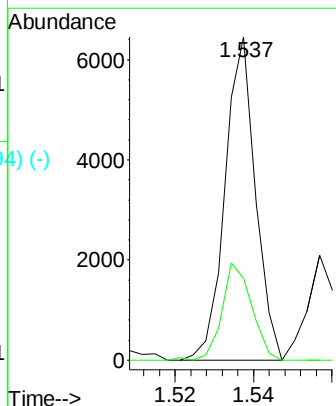
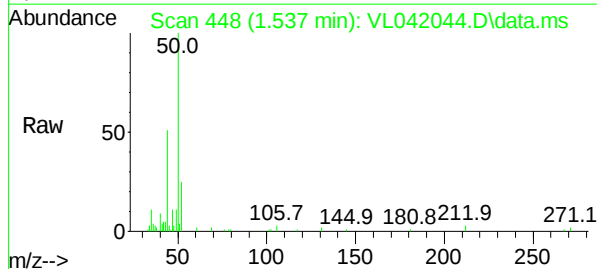
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

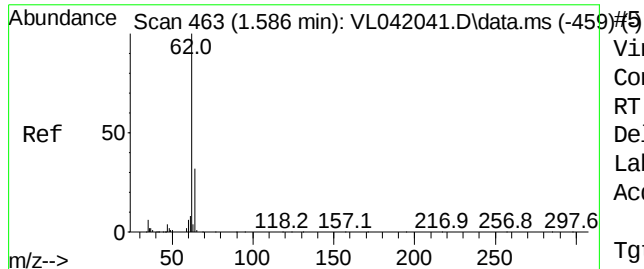
Tgt Ion: 51 Resp: 11921
Ion Ratio Lower Upper
51 100
67 19.6 13.7 20.5



Chloromethane
Concen: 0.327 ppbv
RT: 1.537 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion: 50 Resp: 3497
Ion Ratio Lower Upper
50 100
52 25.3 25.4 38.0#

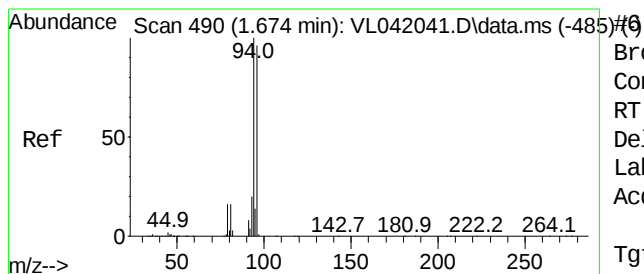
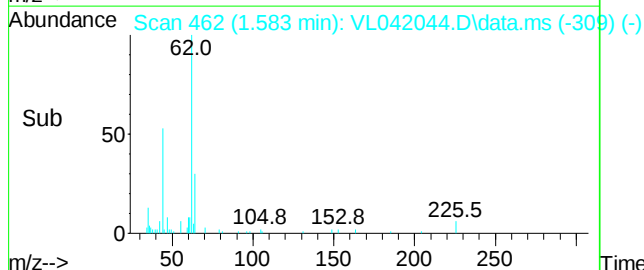
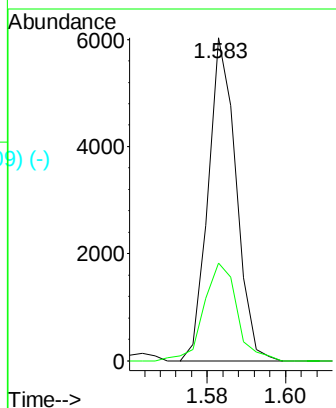
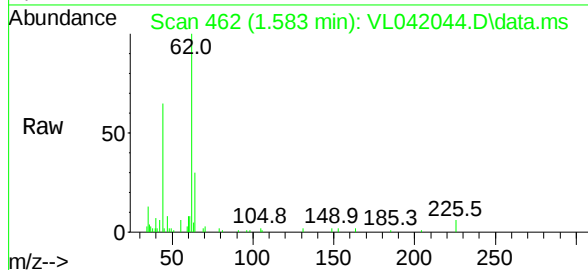




Vinyl Chloride
 Concen: 0.235 ppbv
 RT: 1.583 min Scan#
 Delta R.T. -0.004 min
 Lab File: VL042044.D
 Acq: 25 Feb 2025 10:31

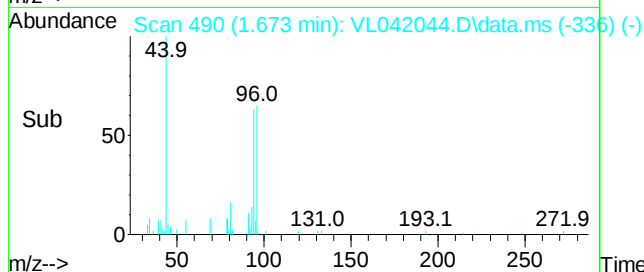
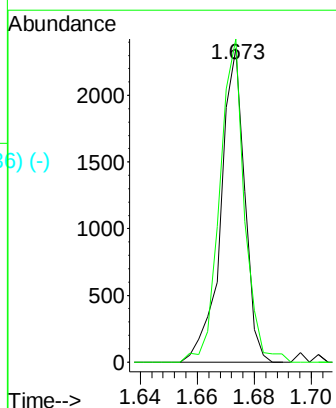
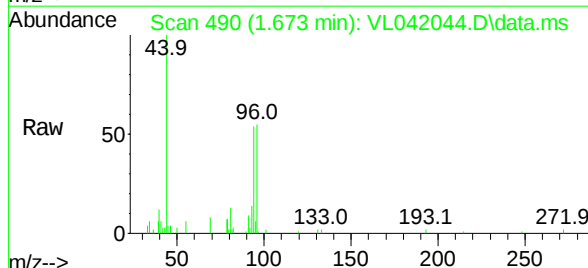
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

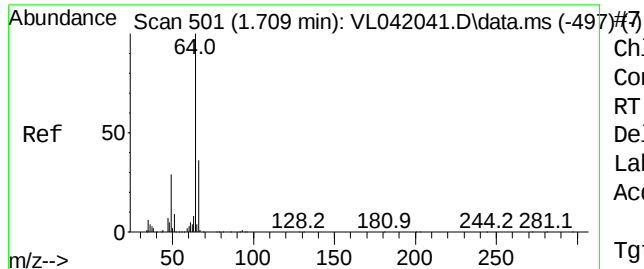
Tgt Ion: 62 Resp: 3005
 Ion Ratio Lower Upper
 62 100
 64 30.3 25.3 37.9



Bromomethane
 Concen: 0.275 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL042044.D
 Acq: 25 Feb 2025 10:31

Tgt Ion: 94 Resp: 1359
 Ion Ratio Lower Upper
 94 100
 96 103.2 76.5 114.7

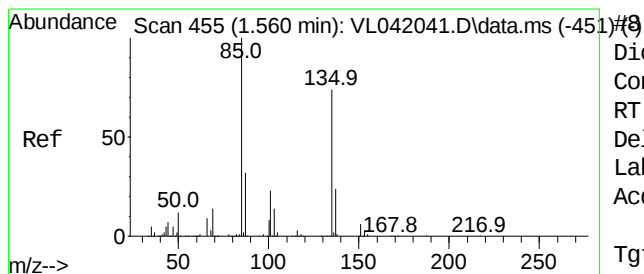
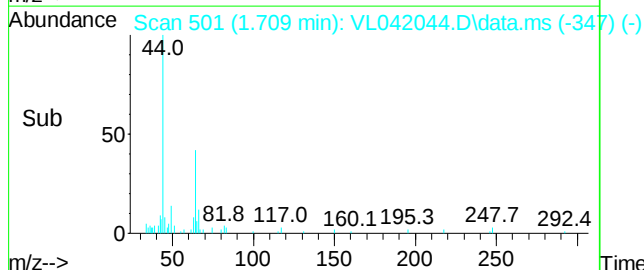
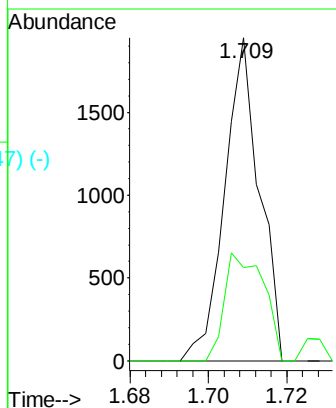
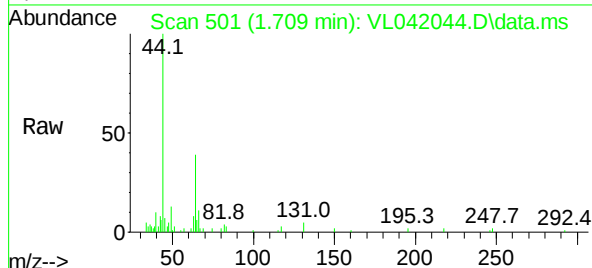




Chloroethane
 Concen: 0.290 ppbv
 RT: 1.709 min Scan# 5
 Delta R.T. -0.000 min
 Lab File: VL042044.D
 Acq: 25 Feb 2025 10:31

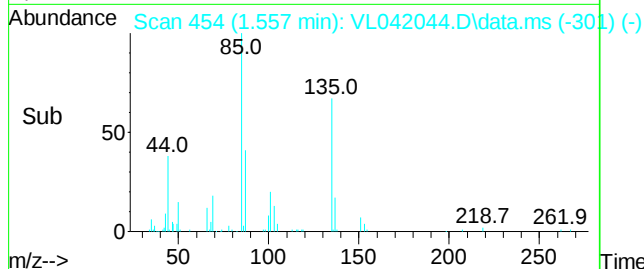
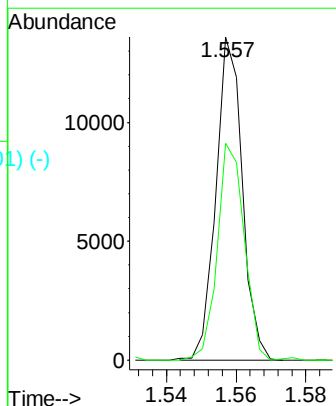
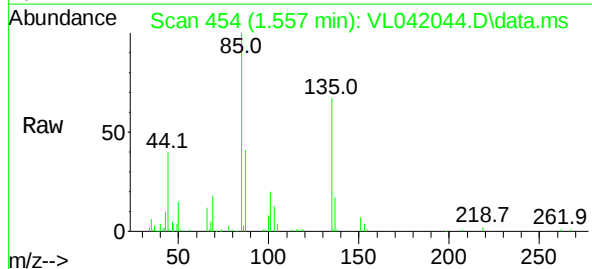
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

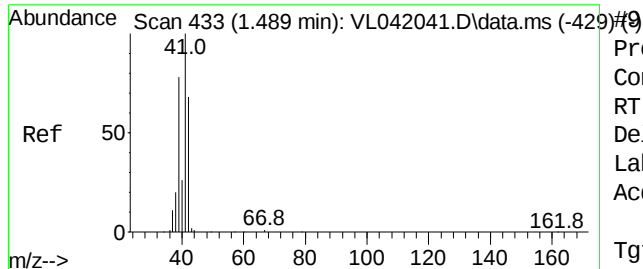
Tgt Ion: 64 Resp: 1205
 Ion Ratio Lower Upper
 64 100
 66 28.9 28.4 42.6



Dichlorotetrafluoroethane
 Concen: 0.295 ppbv
 RT: 1.557 min Scan# 454
 Delta R.T. -0.003 min
 Lab File: VL042044.D
 Acq: 25 Feb 2025 10:31

Tgt Ion: 85 Resp: 7123
 Ion Ratio Lower Upper
 85 100
 135 69.0 54.6 81.8

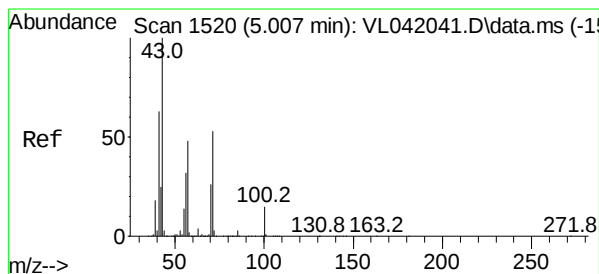
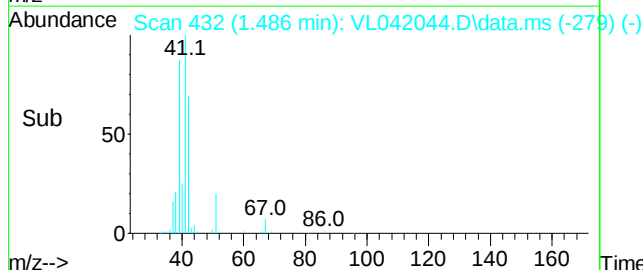
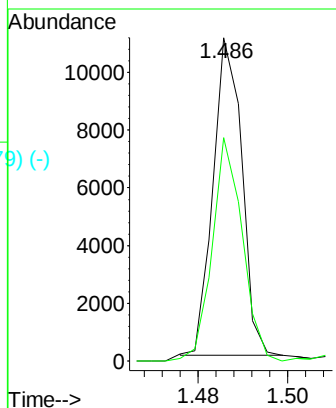
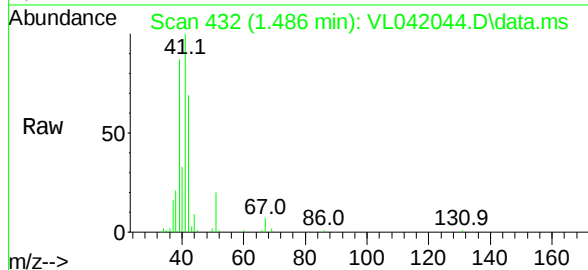




Propene
Concen: 0.374 ppbv
RT: 1.486 min Scan#
Delta R.T. -0.004 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

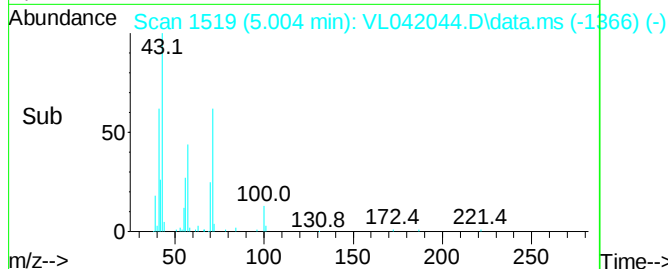
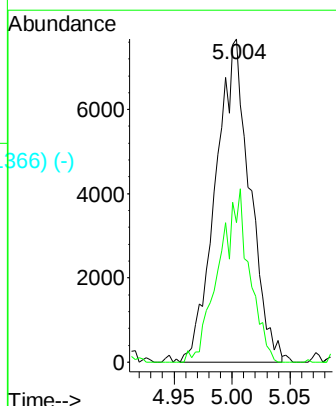
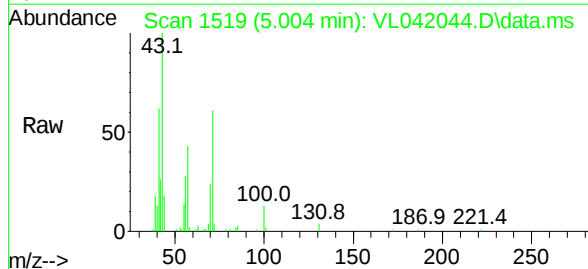
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 4904
Ion Ratio Lower Upper
41 100
42 74.6 55.8 83.6



Heptane
Concen: 0.432 ppbv
RT: 5.004 min Scan# 1519
Delta R.T. -0.003 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

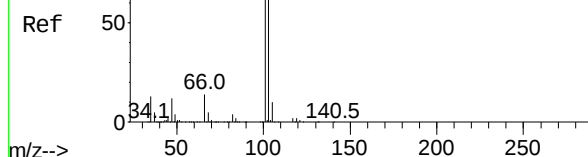
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Ion Ratio Lower Upper
43 100
57 47.7 39.4 59.0



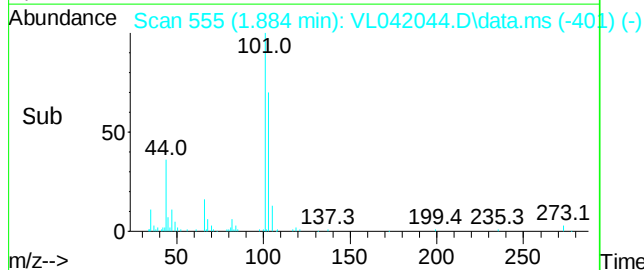
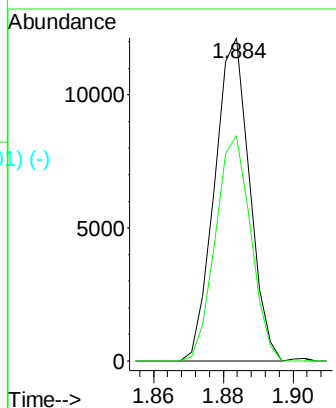
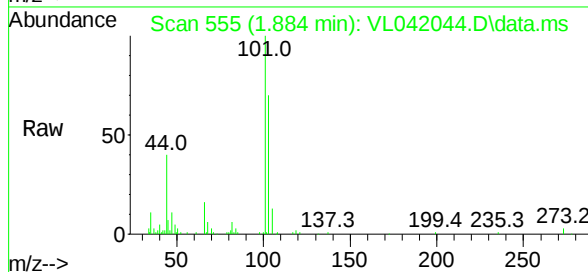
Abundance Scan 555 (1.884 min): VL042041.D\data.ms (-549) #11

Trichlorofluoromethane
Concen: 0.305 ppbv
RT: 1.884 min Scan#
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

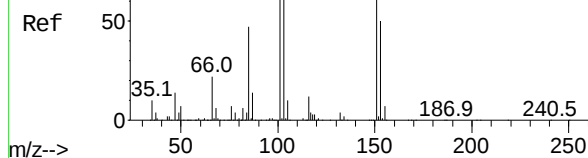


Tgt Ion:101 Resp: 8429
Ion Ratio Lower Upper
101 100
103 69.6 50.6 75.8

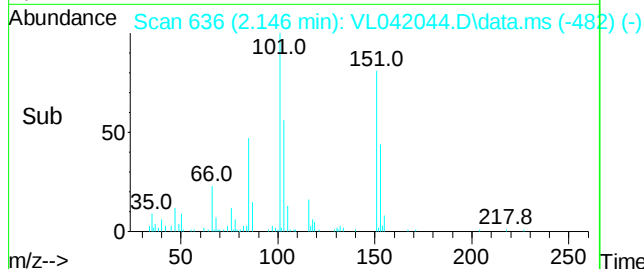
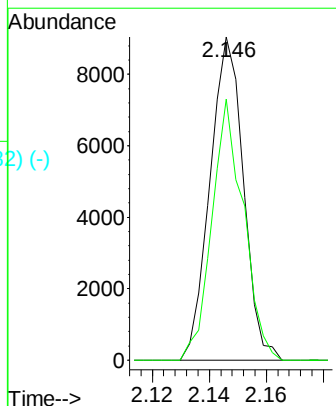
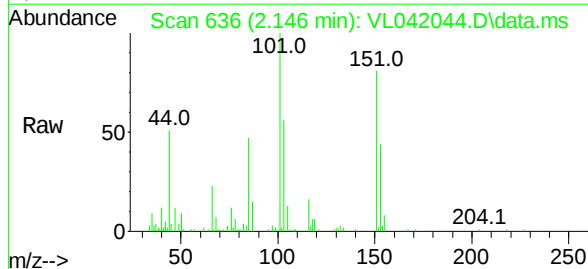


Abundance Scan 636 (2.146 min): VL042041.D\data.ms (-629) #12

1,1,2-Trichlorotrifluoroethane
Concen: 0.340 ppbv
RT: 2.146 min Scan# 636
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31



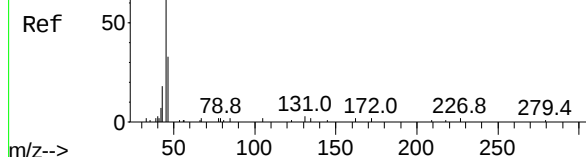
Tgt Ion:101 Resp: 7336
Ion Ratio Lower Upper
101 100
151 76.2 62.6 94.0



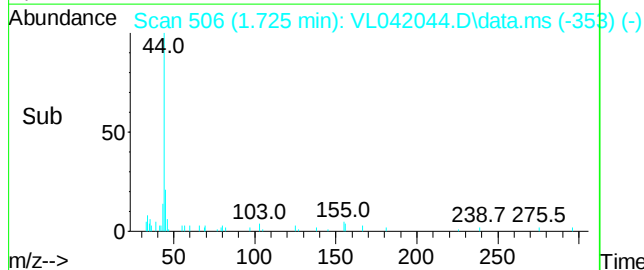
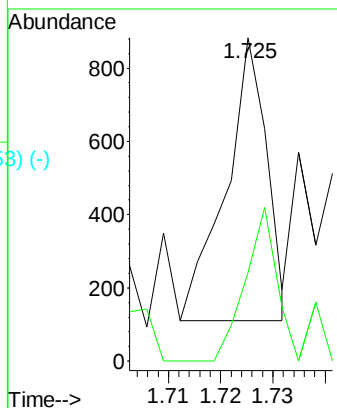
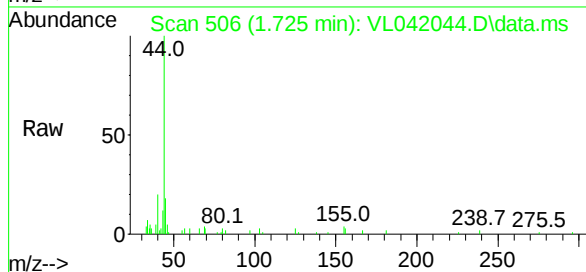
Abundance Scan 507 (1.729 min): VL042041.D\data.ms (-503) #13

Ethanol
Concen: 0.288 ppbv
RT: 1.725 min Scan#
Delta R.T. -0.003 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



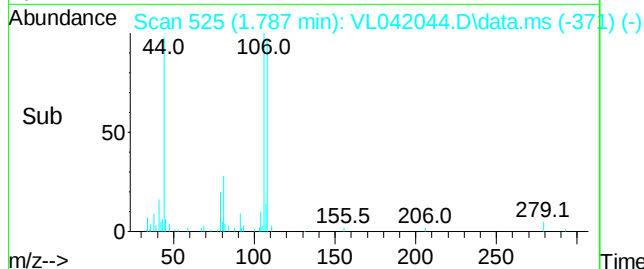
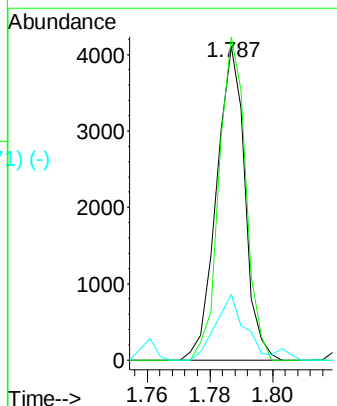
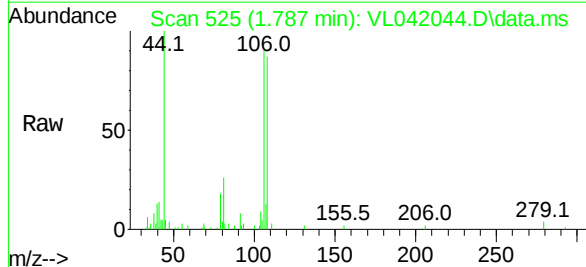
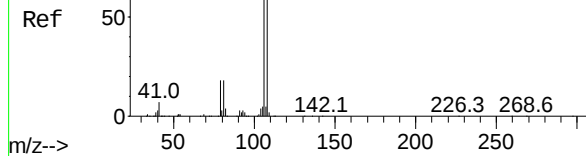
Tgt Ion: 45 Resp: 426
Ion Ratio Lower Upper
45 100
46 58.9 17.1 68.3

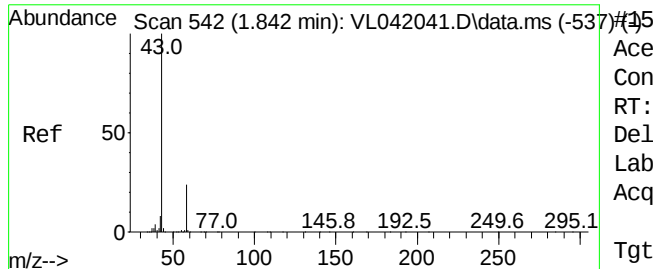


Abundance Scan 525 (1.787 min): VL042041.D\data.ms (-520) #14

Bromoethene
Concen: 0.323 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion: 108 Resp: 2598
Ion Ratio Lower Upper
108 100
106 96.8 85.4 128.0
79 27.9 16.5 24.7#

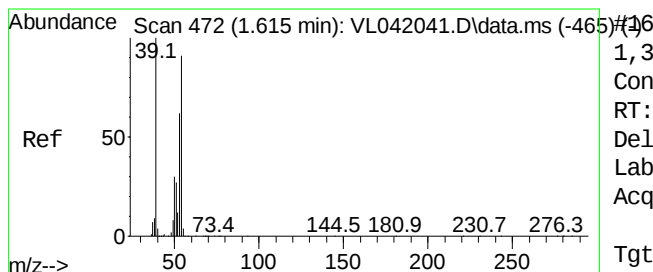
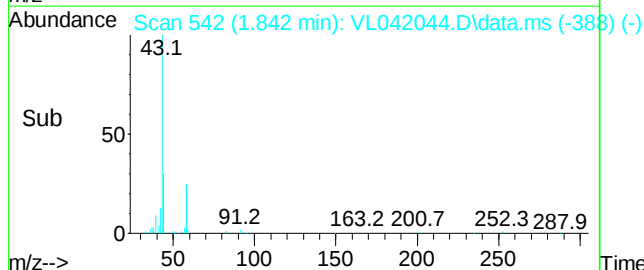
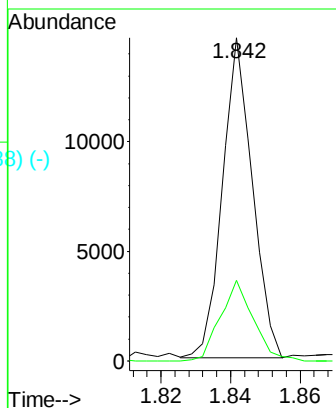
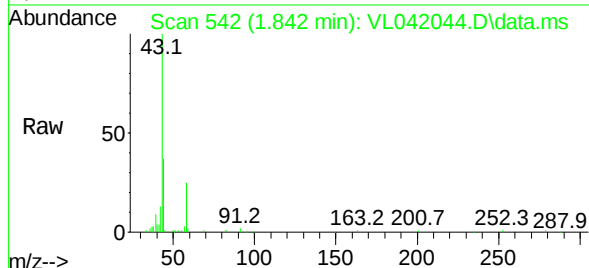




Acetone
Concen: 0.328 ppbv
RT: 1.842 min Scan# 542
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

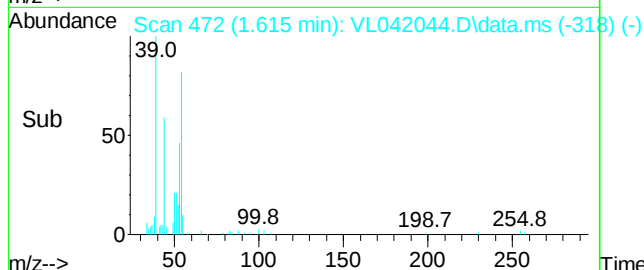
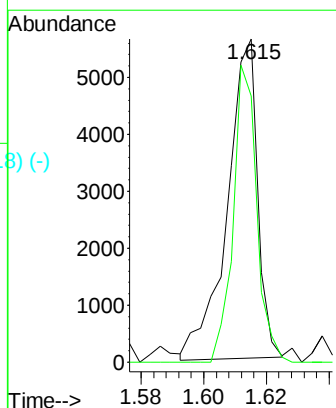
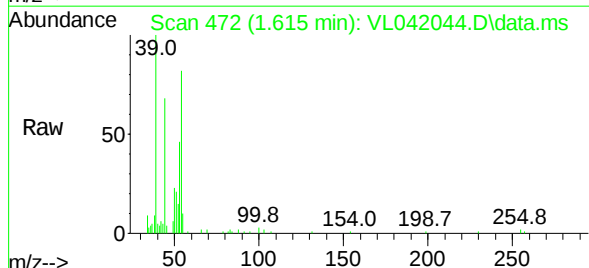
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 8655
Ion Ratio Lower Upper
43 100
58 27.9 20.7 31.1



1,3-Butadiene
Concen: 0.304 ppbv
RT: 1.615 min Scan# 472
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

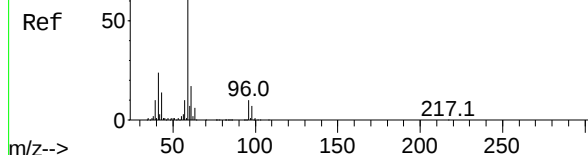
Tgt Ion: 39 Resp: 3803
Ion Ratio Lower Upper
39 100
54 71.9 59.6 89.4



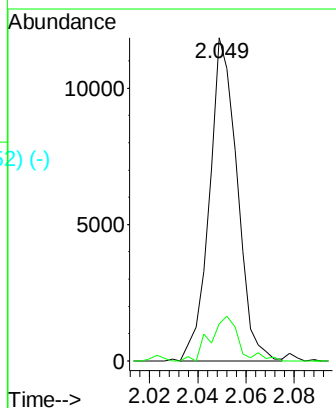
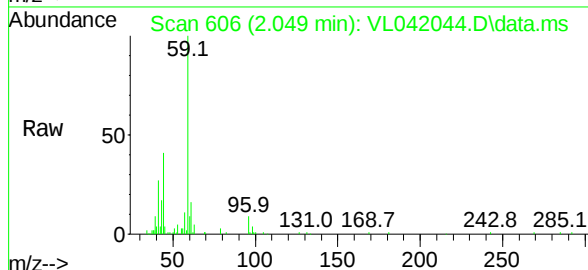
Abundance Scan 606 (2.049 min): VL042041.D\data.ms (-599) #17

tert-Butyl alcohol
Concen: 0.290 ppbv
RT: 2.049 min Scan#
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

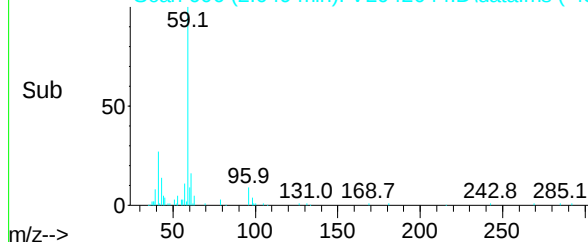
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5



Tgt Ion: 59 Resp: 9447
Ion Ratio Lower Upper
59 100
57 15.3 9.3 13.9#



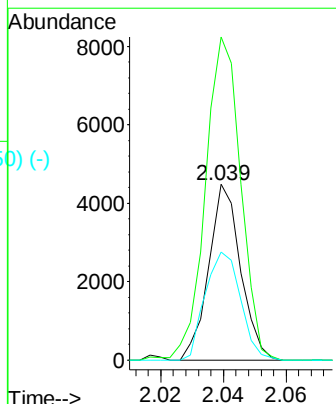
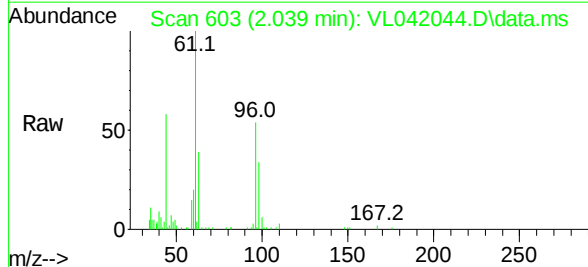
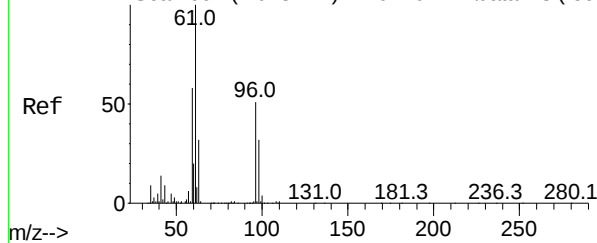
Abundance Scan 606 (2.049 min): VL042044.D\data.ms (-452) (-)



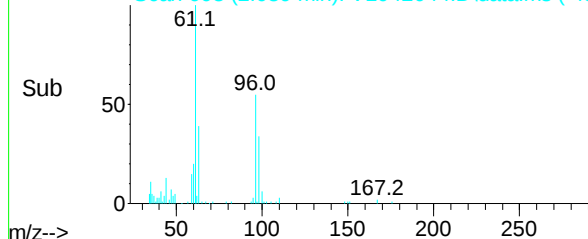
Abundance Scan 604 (2.043 min): VL042041.D\data.ms (-597) #18

1,1-Dichloroethene
Concen: 0.308 ppbv
RT: 2.039 min Scan# 603
Delta R.T. -0.004 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion: 96 Resp: 3173
Ion Ratio Lower Upper
96 100
61 183.8 156.0 234.0
98 61.6 49.4 74.2



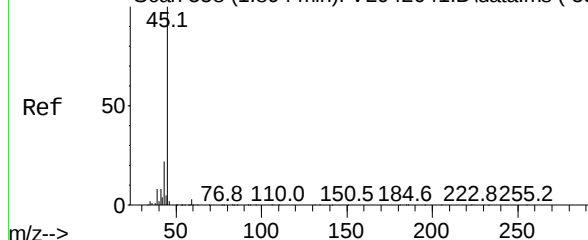
Abundance Scan 603 (2.039 min): VL042044.D\data.ms (-450) (-)



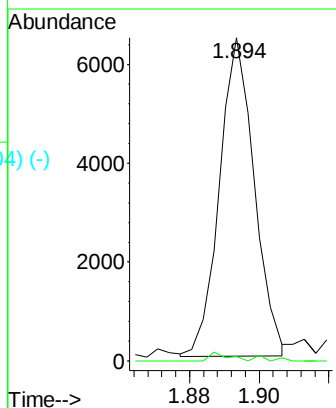
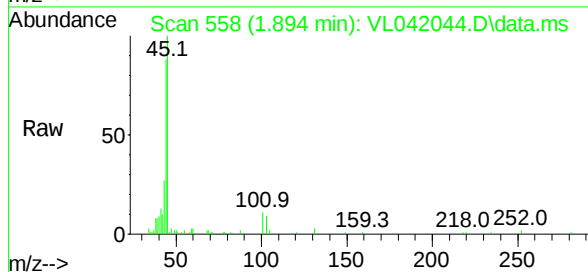
Abundance Scan 558 (1.894 min): VL042041.D\data.ms (-553) #19

Isopropyl Alcohol
Concen: 0.303 ppbv
RT: 1.894 min Scan#
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

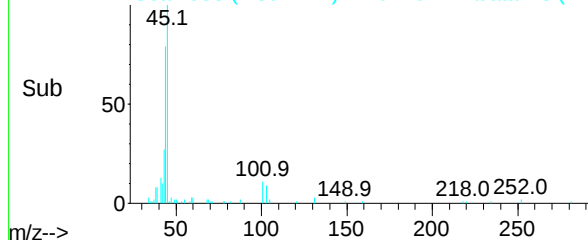
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 45 Resp: 4481
Ion Ratio Lower Upper
45 100
58 0.0 35.3 52.9#



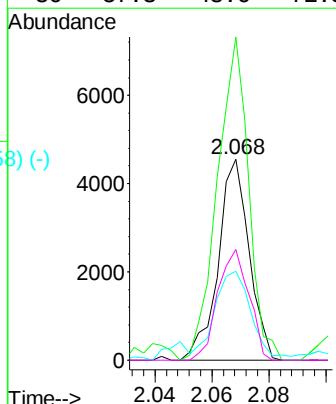
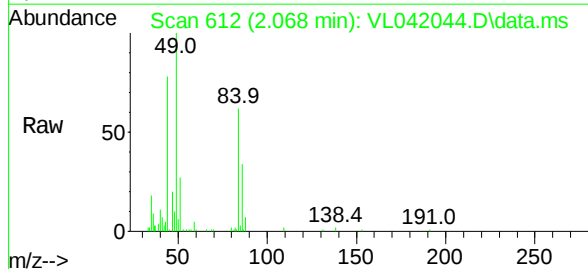
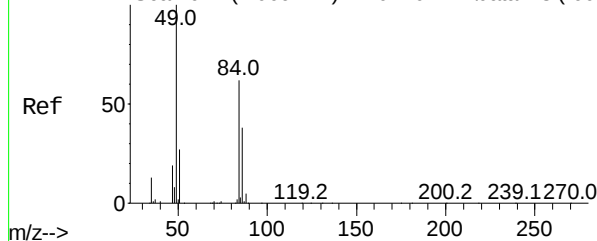
Abundance Scan 558 (1.894 min): VL042044.D\data.ms (-404) (-)



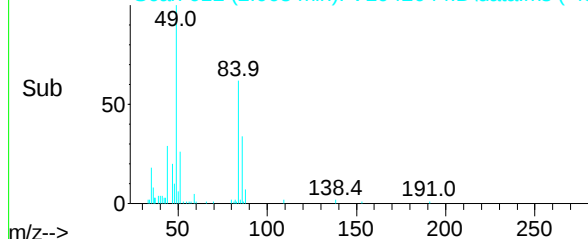
Abundance Scan 612 (2.069 min): VL042041.D\data.ms (-606) #20

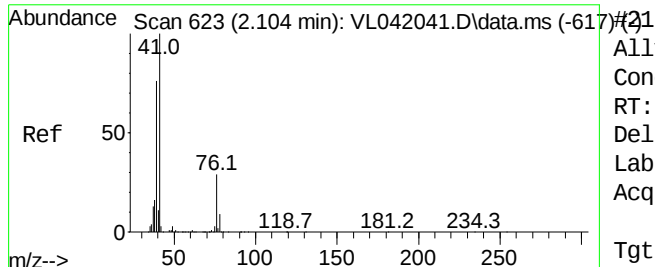
Methylene Chloride
Concen: 0.345 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion: 84 Resp: 3423
Ion Ratio Lower Upper
84 100
49 160.7 130.0 195.0
51 41.5 37.4 56.0
86 57.3 48.6 72.8



Abundance Scan 612 (2.068 min): VL042044.D\data.ms (-458) (-)

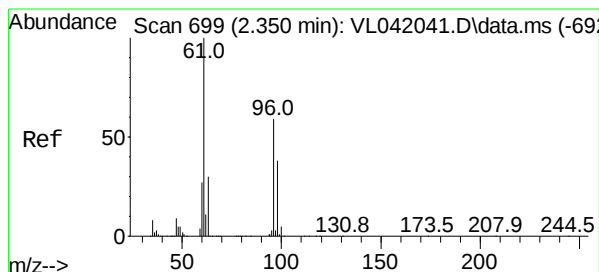
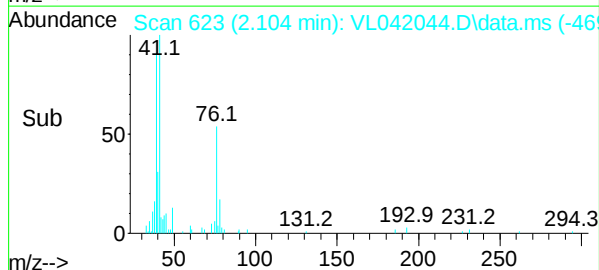
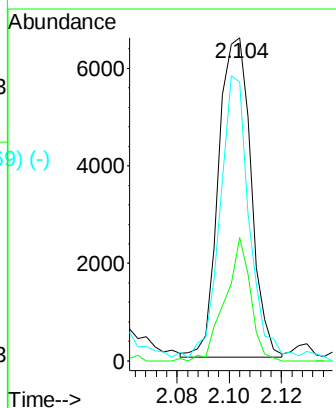
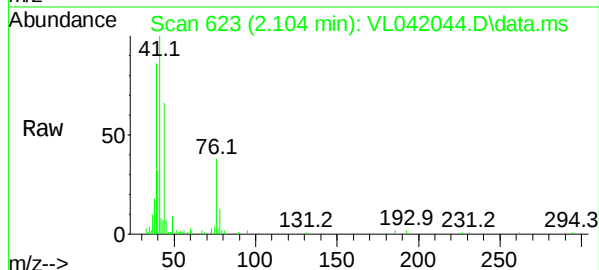




Allyl Chloride
 Concen: 0.296 ppbv
 RT: 2.104 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042044.D
 Acq: 25 Feb 2025 10:31

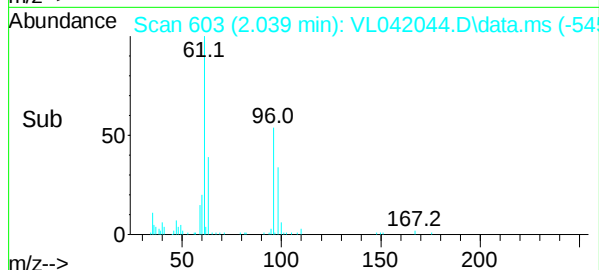
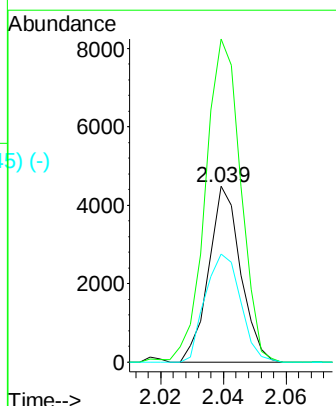
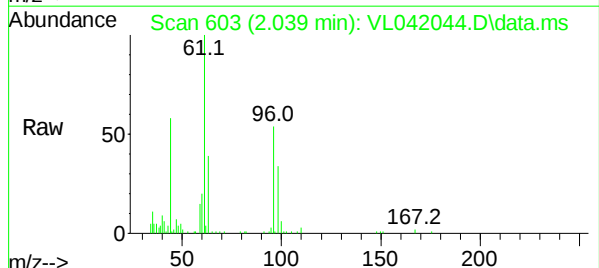
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

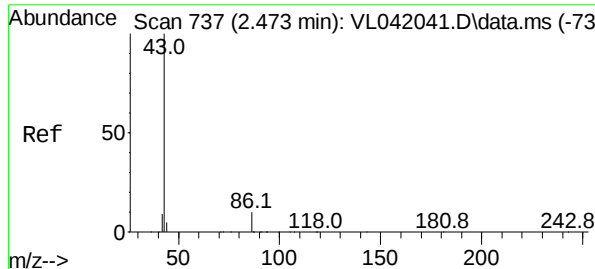
Tgt Ion:	41	Resp:	5640
Ion	Ratio	Lower	Upper
41	100		
76	30.2	23.8	35.6
39	79.8	63.8	95.6



trans-1,2-Dichloroethene
 Concen: 0.284 ppbv
 RT: 2.039 min Scan# 603
 Delta R.T. -0.311 min
 Lab File: VL042044.D
 Acq: 25 Feb 2025 10:31

Tgt Ion:	96	Resp:	3173
Ion	Ratio	Lower	Upper
96	100		
61	183.8	136.6	205.0
98	61.6	51.8	77.6

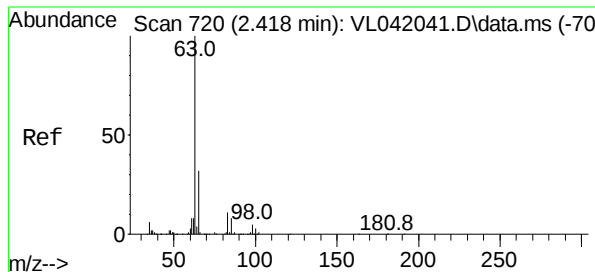
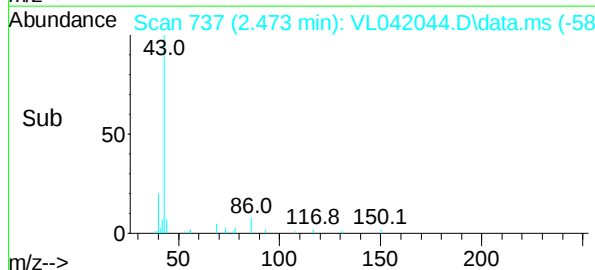
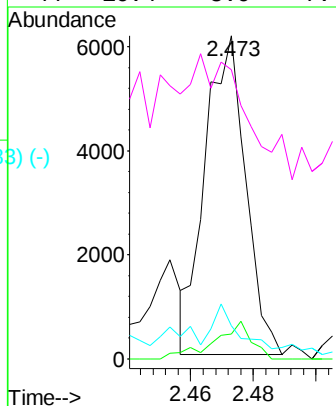
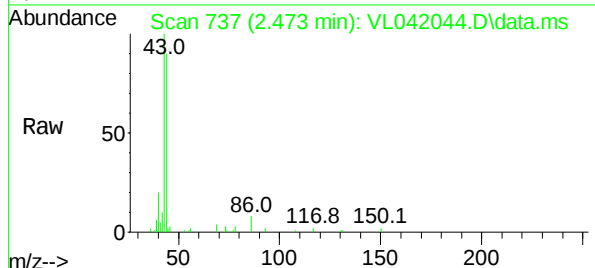




Vinyl Acetate
 Concen: 0.385 ppbv
 RT: 2.473 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042044.D
 Acq: 25 Feb 2025 10:31

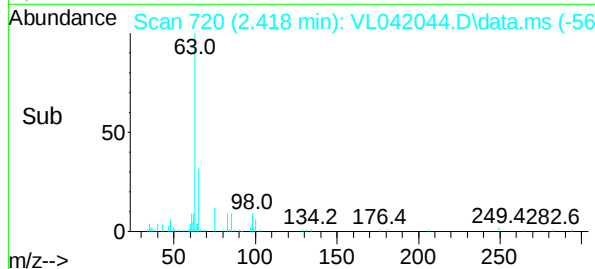
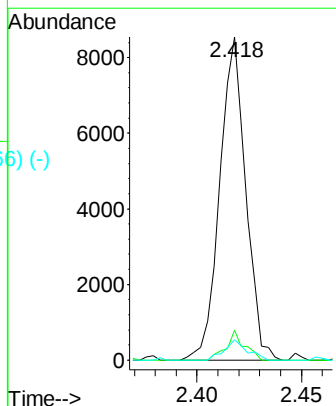
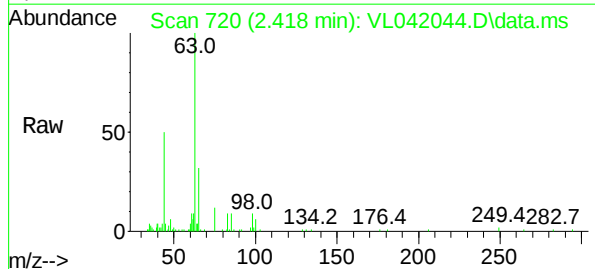
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:	43	Resp:	5499
Ion	Ratio	Lower	Upper
43	100		
86	7.8	7.0	10.4
42	6.8	7.6	11.4#
44	20.4	5.0	7.4#



1,1-Dichloroethane
 Concen: 0.326 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.000 min
 Lab File: VL042044.D
 Acq: 25 Feb 2025 10:31

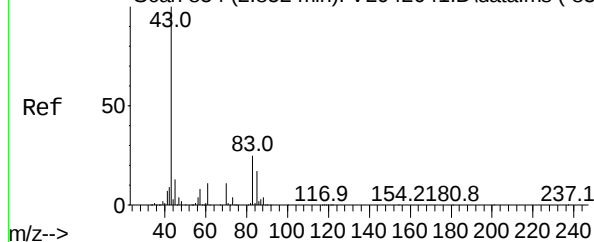
Tgt Ion:	63	Resp:	7396
Ion	Ratio	Lower	Upper
63	100		
98	9.2	2.4	7.2#
100	6.4	1.7	5.0#



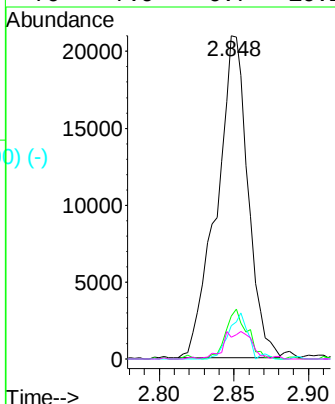
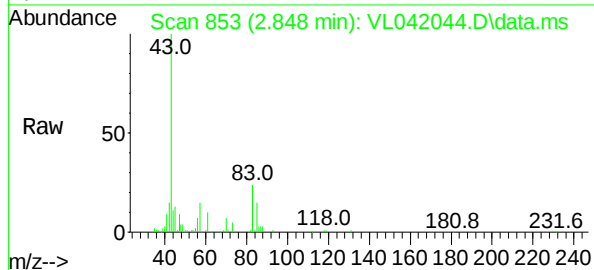
Abundance Scan 854 (2.852 min): VL042041.D\data.ms (-839) #25

Ethyl Acetate
Concen: 0.423 ppbv
RT: 2.848 min Scan#
Delta R.T. -0.003 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

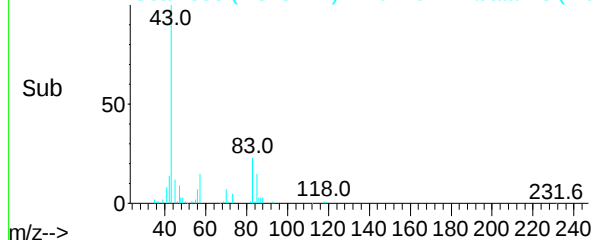
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5



Tgt Ion:	43	Resp:	30593
Ion	Ratio	Lower	Upper
43	100		
45	11.3	8.1	12.1
61	9.2	7.2	10.8
70	7.9	6.7	10.1



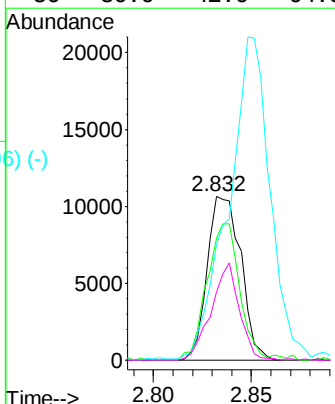
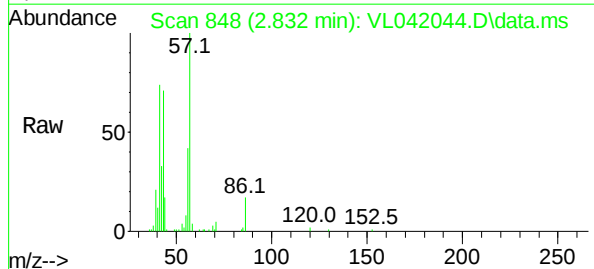
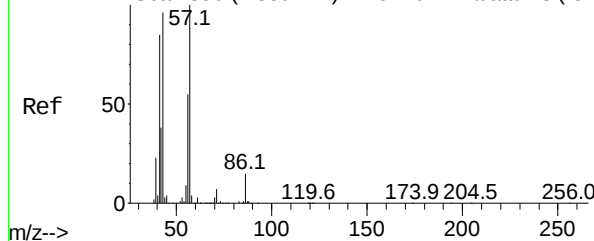
Abundance Scan 853 (2.848 min): VL042044.D\data.ms (-700) (-)



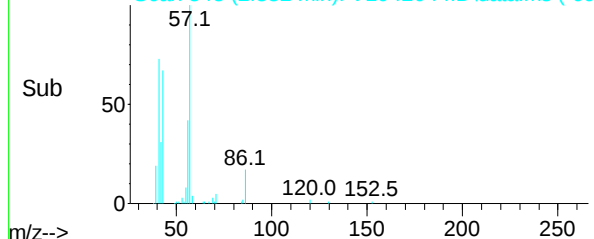
Abundance Scan 850 (2.839 min): VL042041.D\data.ms (-840) #26

Hexane
Concen: 0.439 ppbv
RT: 2.832 min Scan# 848
Delta R.T. -0.007 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion:	57	Resp:	12739
Ion	Ratio	Lower	Upper
57	100		
41	83.6	70.6	106.0
43	250.3	199.4	299.0
56	50.0	42.6	64.0



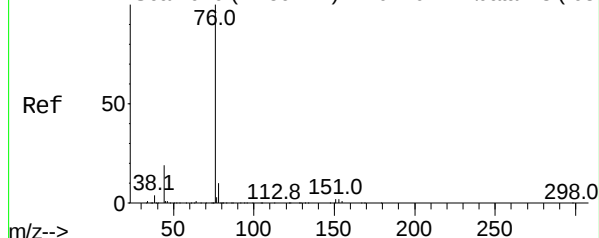
Abundance Scan 848 (2.832 min): VL042044.D\data.ms (-696) (-)



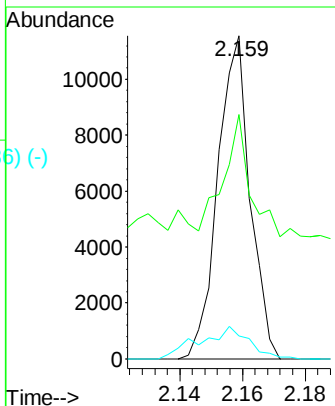
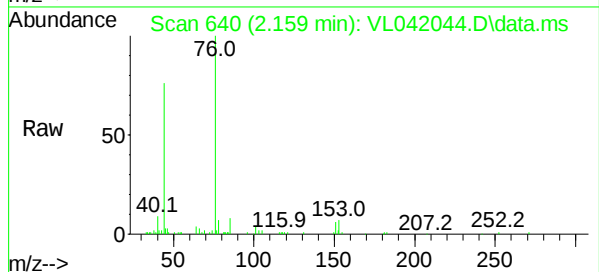
Abundance Scan 640 (2.159 min): VL042041.D\data.ms (-633) #27

Carbon Disulfide
Concen: 0.305 ppbv
RT: 2.159 min Scan#
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

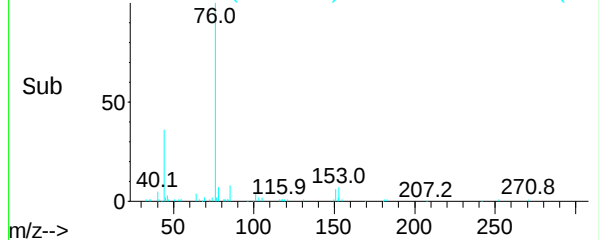
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5



Tgt Ion:	76	Resp:	8316
Ion	Ratio	Lower	Upper
76	100		
44	79.6	16.2	24.2#
78	15.2	9.4	14.0#



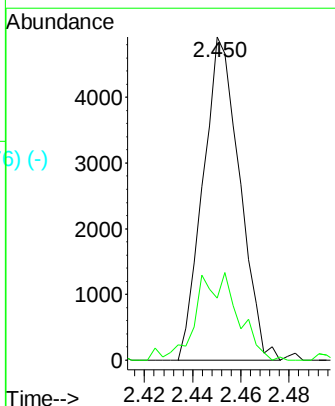
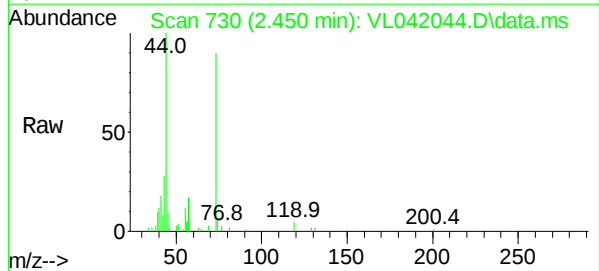
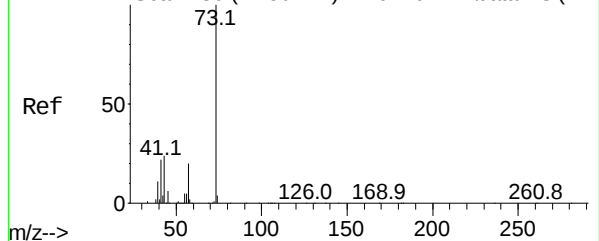
Abundance Scan 640 (2.159 min): VL042044.D\data.ms (-486) (-)



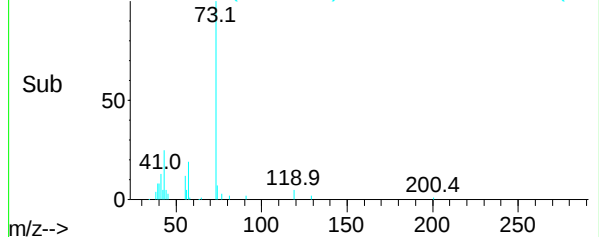
Abundance Scan 730 (2.450 min): VL042041.D\data.ms (-723) #28

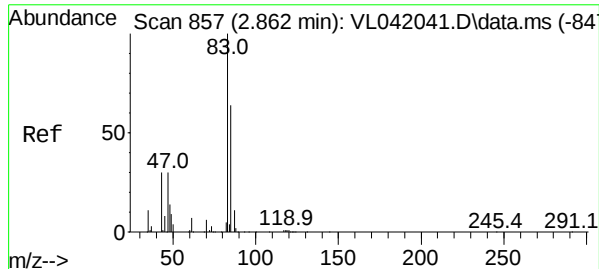
Methyl tert-Butyl Ether
Concen: 0.292 ppbv
RT: 2.450 min Scan# 730
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion:	73	Resp:	5185
Ion	Ratio	Lower	Upper
73	100		
57	31.8	17.7	26.5#



Abundance Scan 730 (2.450 min): VL042044.D\data.ms (-576) (-)

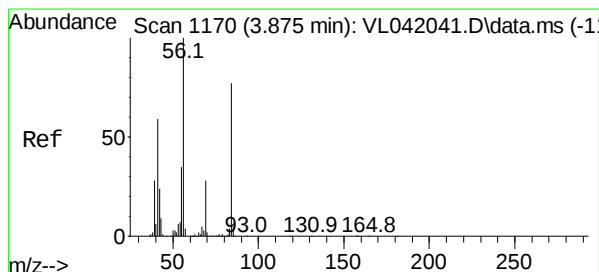
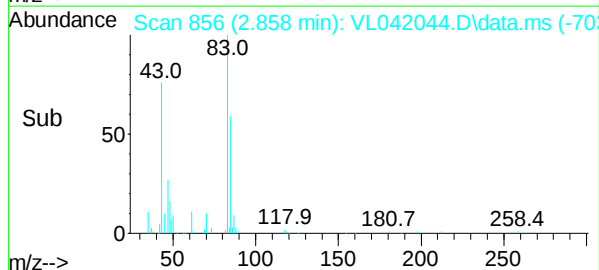
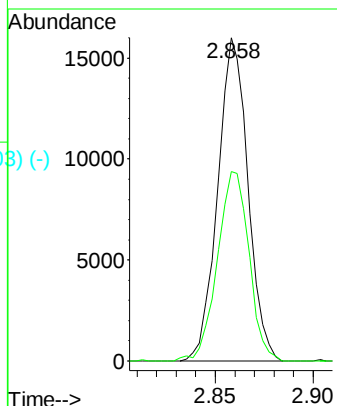
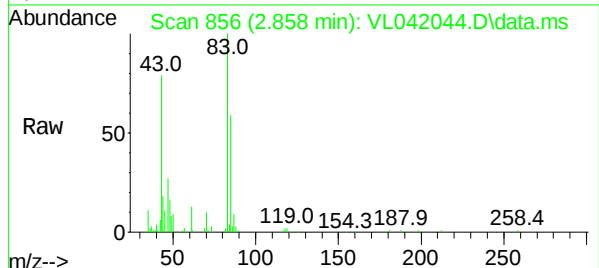




Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

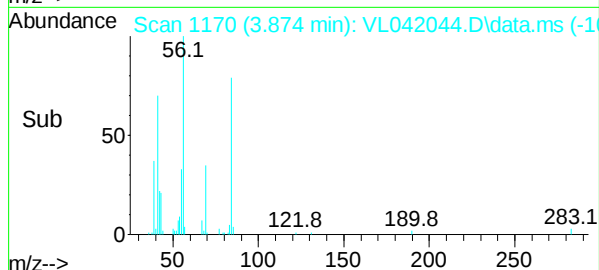
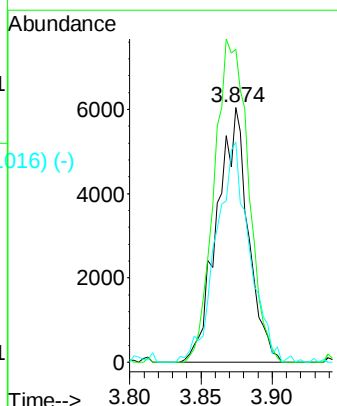
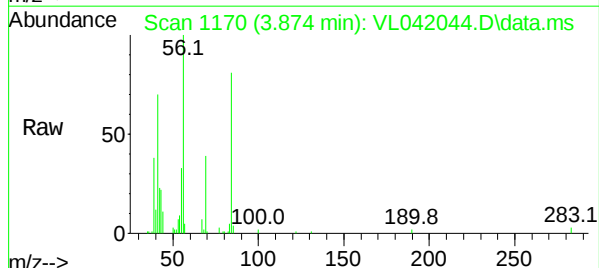
Chloroform
Concen: 0.411 ppbv
RT: 2.858 min Scan#
Delta R.T. -0.004 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion: 83 Resp: 17278
Ion Ratio Lower Upper
83 100
85 58.6 51.2 76.8



Cyclohexane
Concen: 0.391 ppbv
RT: 3.874 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

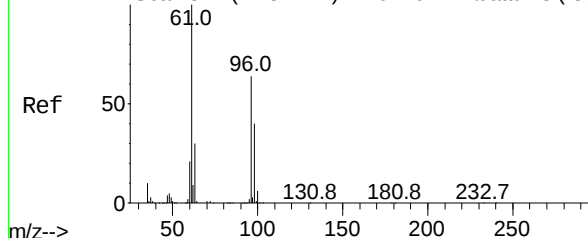
Tgt Ion: 84 Resp: 9209
Ion Ratio Lower Upper
84 100
56 138.5 101.5 152.3
41 92.4 62.6 93.8



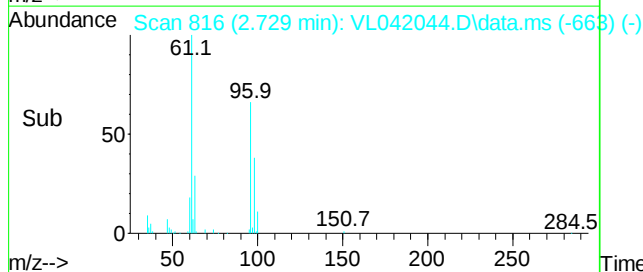
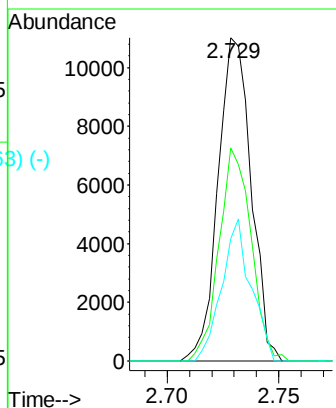
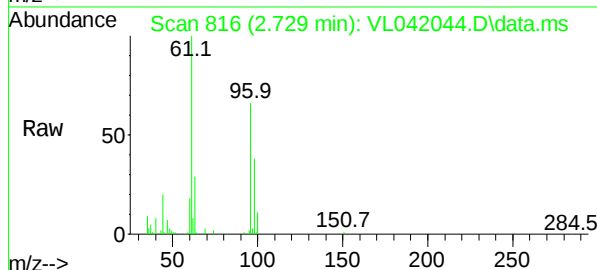
Abundance Scan 817 (2.732 min): VL042041.D\data.ms (-809) #31

cis-1,2-Dichloroethene
Concen: 0.395 ppbv
RT: 2.729 min Scan# 817
Delta R.T. -0.004 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

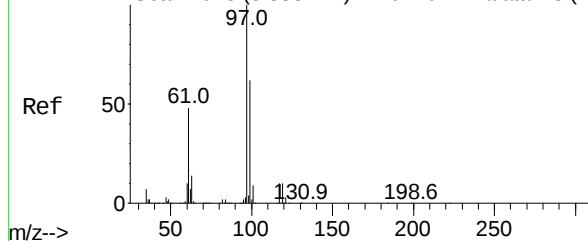


Tgt Ion:	61	Resp:	11344
Ion	Ratio	Lower	Upper
61	100		
96	66.0	51.5	77.3
98	37.7	32.0	48.0

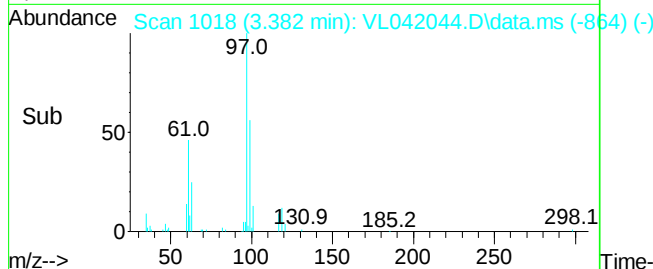
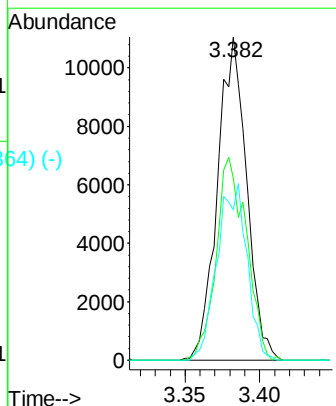
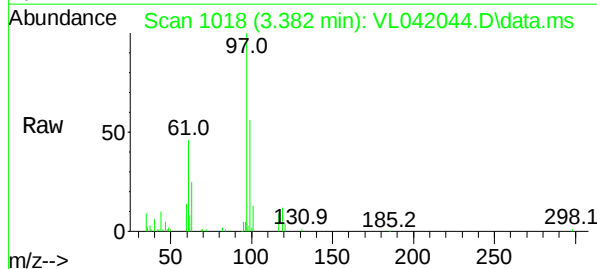


Abundance Scan 1018 (3.383 min): VL042041.D\data.ms (-1063) #32

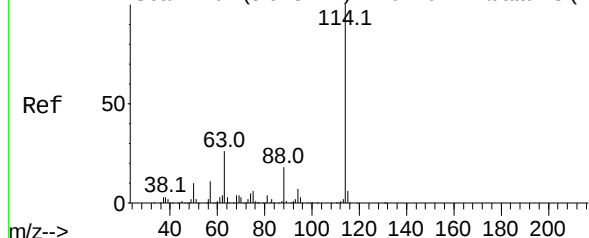
1,1,1-Trichloroethane
Concen: 0.322 ppbv
RT: 3.382 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31



Tgt Ion:	97	Resp:	15027
Ion	Ratio	Lower	Upper
97	100		
99	65.0	49.8	74.6
61	55.9	38.9	58.3



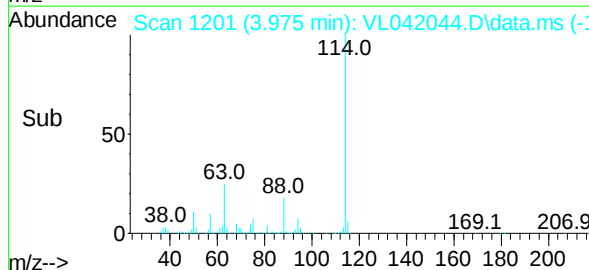
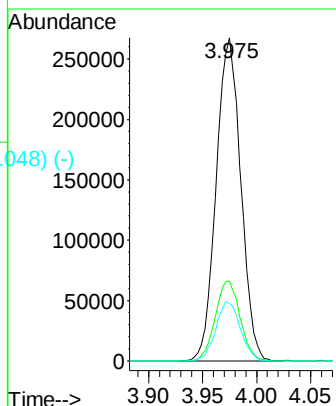
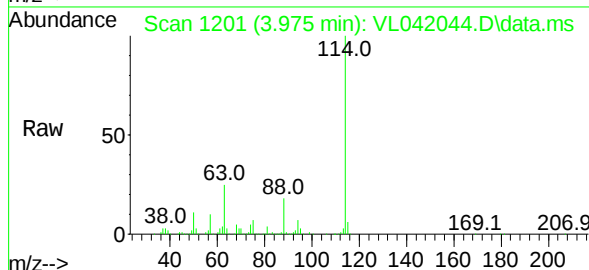
Abundance Scan 1202 (3.978 min): VL042041.D\data.ms (-11853)



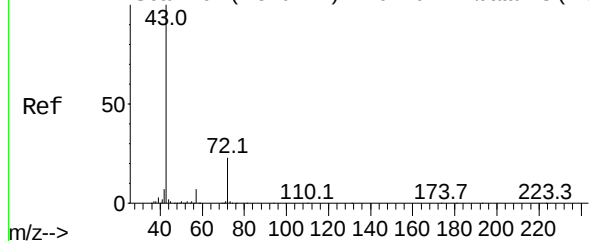
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan#
Delta R.T. -0.003 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:	114	Resp:	421340
Ion	Ratio	Lower	Upper
114	100		
63	24.9	20.1	30.1
88	18.3	14.3	21.5

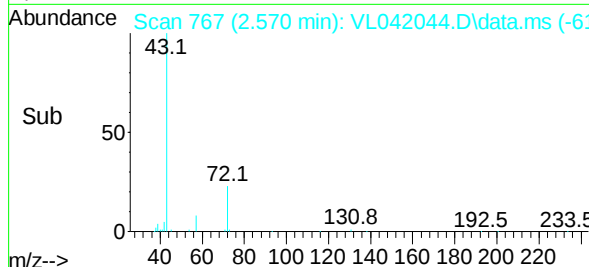
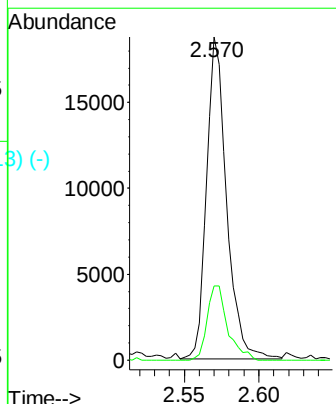
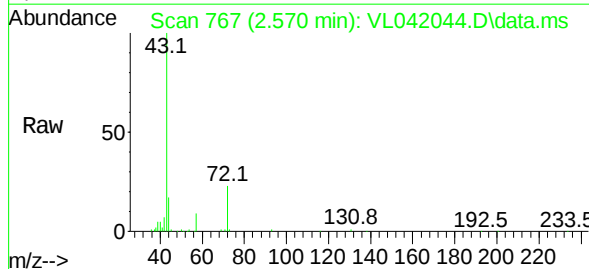


Abundance Scan 767 (2.570 min): VL042041.D\data.ms (-761) #34



2-Butanone
Concen: 0.484 ppbv
RT: 2.570 min Scan# 767
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

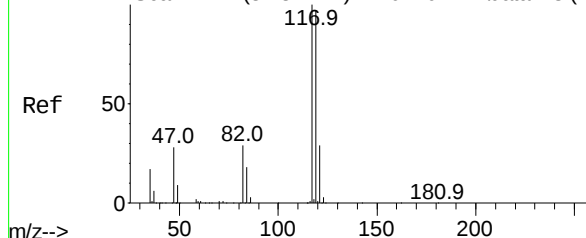
Tgt Ion:	43	Resp:	17555
Ion	Ratio	Lower	Upper
43	100		
72	23.4	18.5	27.7



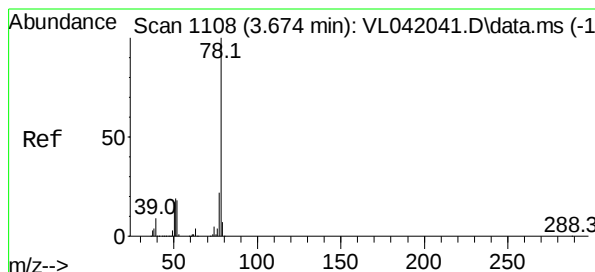
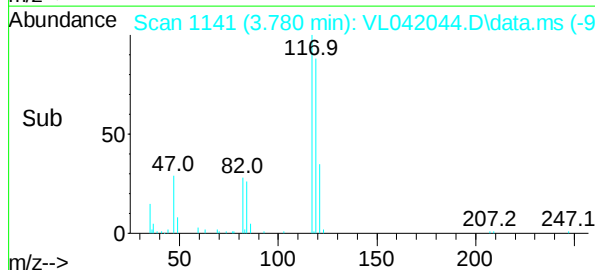
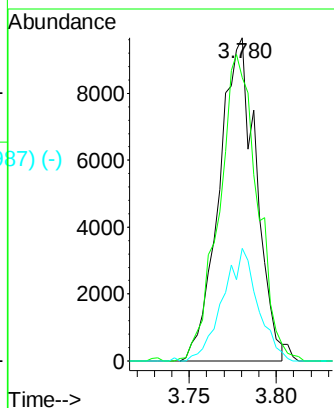
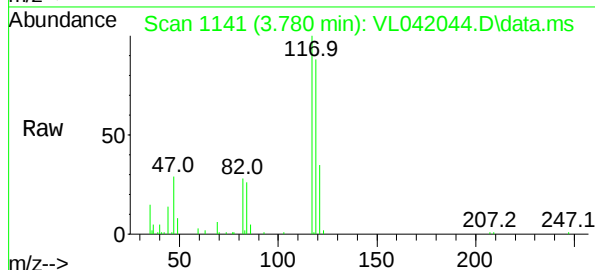
Abundance Scan 1141 (3.781 min): VL042041.D\data.ms (-112635)

Carbon Tetrachloride
Concen: 0.348 ppbv
RT: 3.780 min Scan#
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

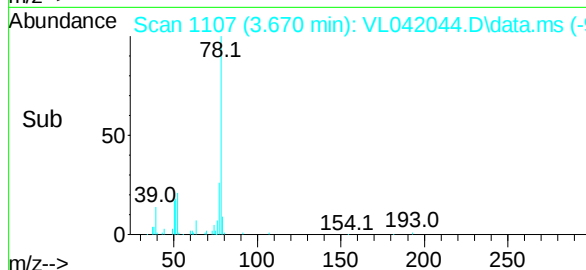
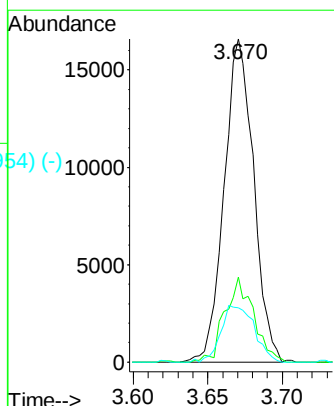
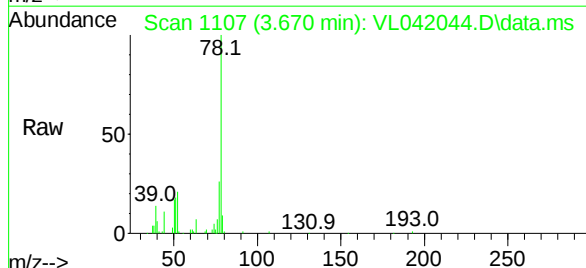


Tgt Ion:	117	Resp:	14223
Ion	Ratio	Lower	Upper
117	100		
119	87.0	77.8	116.8
121	34.8	23.4	35.0

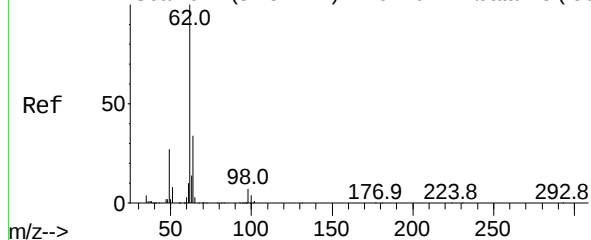


Benzene
Concen: 0.445 ppbv
RT: 3.670 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion:	78	Resp:	22728
Ion	Ratio	Lower	Upper
78	100		
77	26.3	17.7	26.5
50	16.9	13.9	20.9



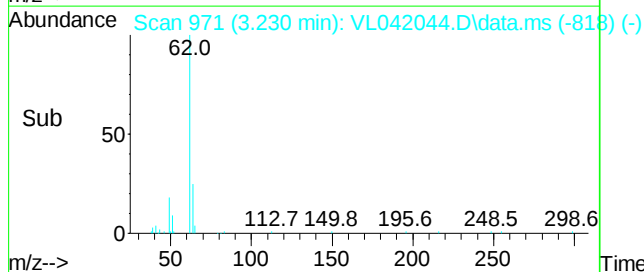
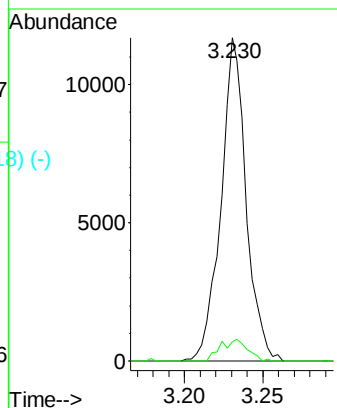
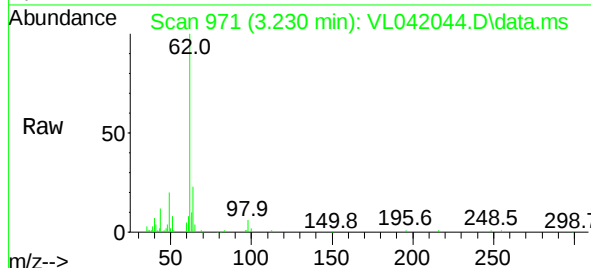
Abundance Scan 972 (3.234 min): VL042041.D\data.ms (-962) #37



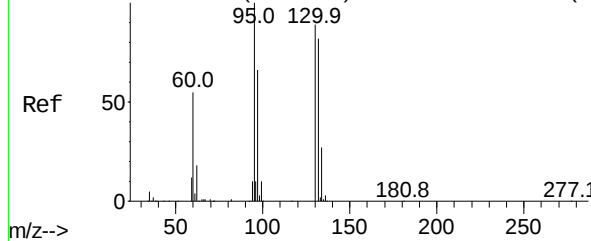
1,2-Dichloroethane
Concen: 0.452 ppbv
RT: 3.230 min Scan#
Delta R.T. -0.004 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 62 Resp: 13141
Ion Ratio Lower Upper
62 100
98 7.1 5.7 8.5

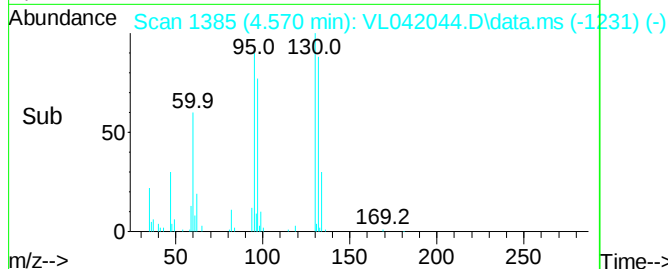
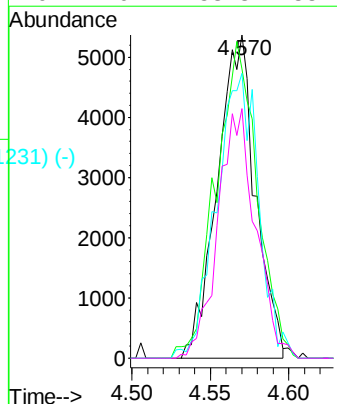
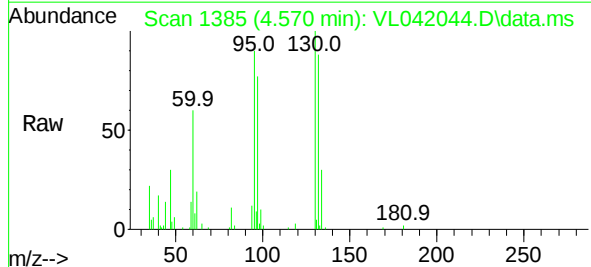


Abundance Scan 1385 (4.570 min): VL042041.D\data.ms (-1370) #38

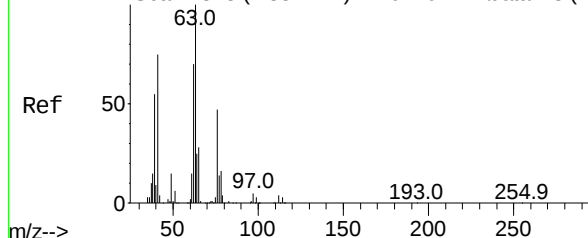


Trichloroethene
Concen: 0.440 ppbv
RT: 4.570 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion:130 Resp: 9115
Ion Ratio Lower Upper
130 100
95 86.1 89.5 134.3#
132 85.3 73.8 110.6
97 76.1 58.8 88.2



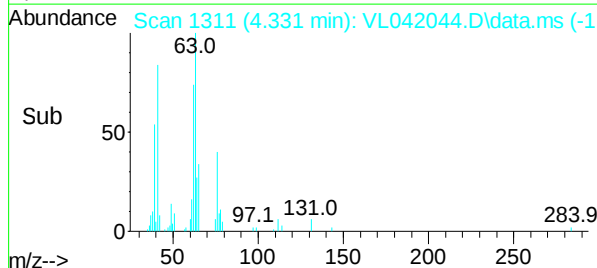
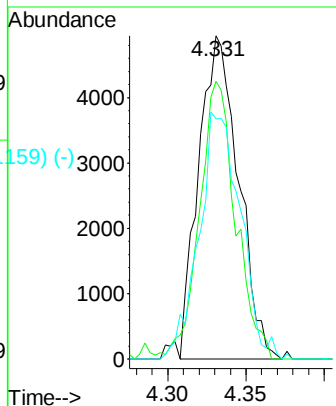
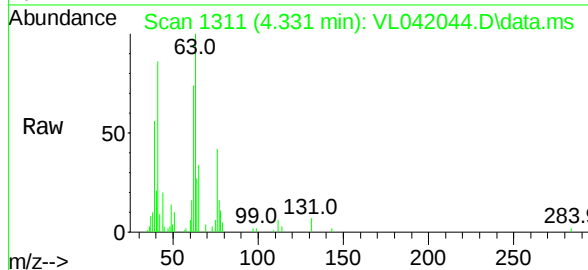
Abundance Scan 1313 (4.337 min): VL042041.D\data.ms (-12959)



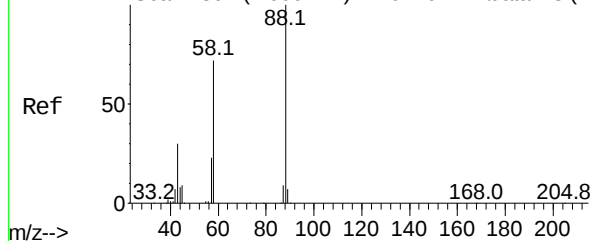
1,2-Dichloropropane
Concen: 0.466 ppbv
RT: 4.331 min Scan#
Delta R.T. -0.007 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

Tgt Ion:	63	Resp:	8723
Ion	Ratio	Lower	Upper
63	100		
41	85.9	60.1	90.1
62	74.3	55.8	83.8

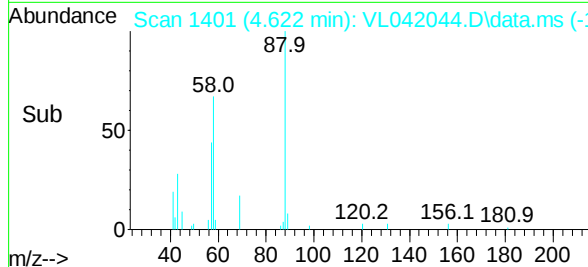
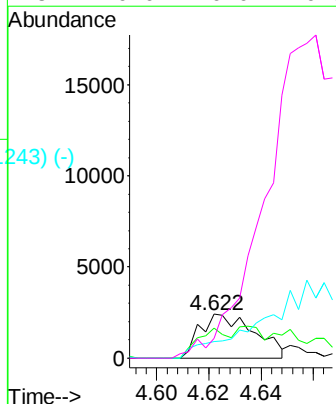
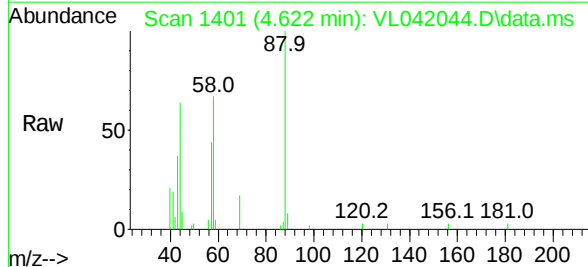


Abundance Scan 1397 (4.609 min): VL042041.D\data.ms (-13940)



1,4-Dioxane
Concen: 0.357 ppbv
RT: 4.622 min Scan# 1401
Delta R.T. 0.013 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

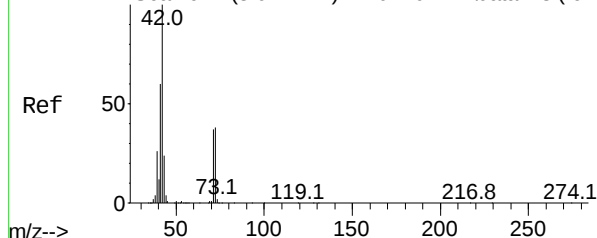
Tgt Ion:	88	Resp:	3478
Ion	Ratio	Lower	Upper
88	100		
58	137.1	62.6	94.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0



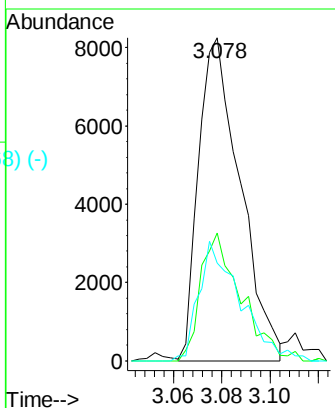
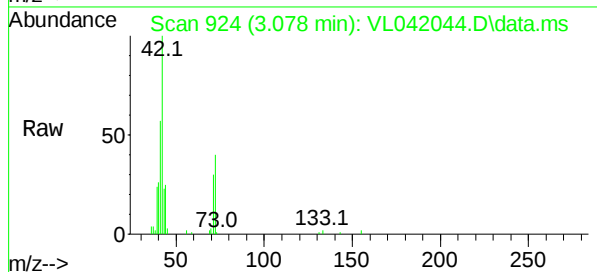
Abundance Scan 922 (3.072 min): VL042041.D\data.ms (-916) #41

Tetrahydrofuran
Concen: 0.477 ppbv
RT: 3.078 min Scan#
Delta R.T. 0.006 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

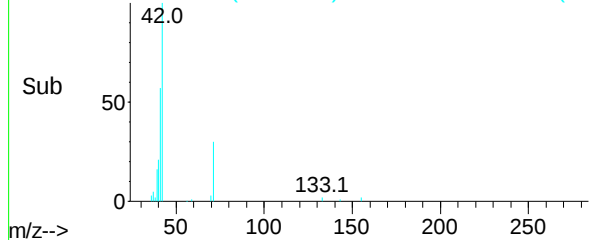
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5



Tgt Ion:	42	Resp:	9880
Ion	Ratio	Lower	Upper
42	100		
72	38.7	30.2	45.2
71	37.0	28.2	42.4



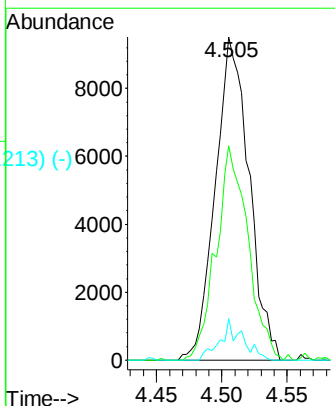
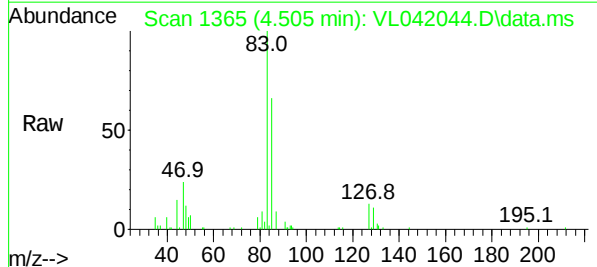
Abundance Scan 924 (3.078 min): VL042044.D\data.ms (-768) (-)



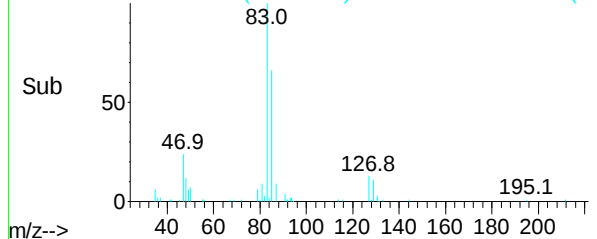
Abundance Scan 1367 (4.512 min): VL042041.D\data.ms (-1352) #42

Bromodichloromethane
Concen: 0.431 ppbv
RT: 4.505 min Scan# 1365
Delta R.T. -0.007 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion:	83	Resp:	16973
Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.4	77.2
127	12.8	5.8	8.6#



Abundance Scan 1365 (4.505 min): VL042044.D\data.ms (-1213) (-)



Abundance Scan 1489 (4.907 min): VL042041.D\data.ms (-14713)

Methyl Methacrylate

Concen: 0.362 ppbv

RT: 4.904 min Scan#

Delta R.T. -0.003 min

Lab File: VL042044.D

Acq: 25 Feb 2025 10:31

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5

Tgt Ion: 69 Resp: 8428

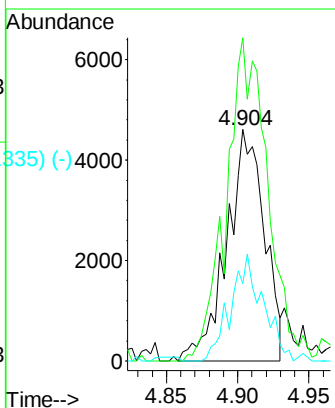
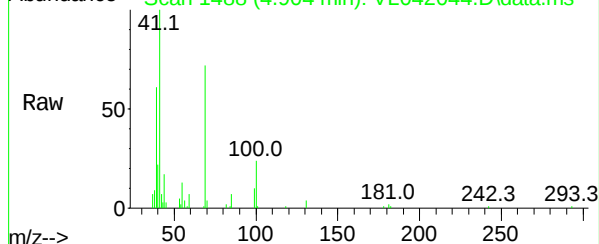
Ion Ratio Lower Upper

69 100

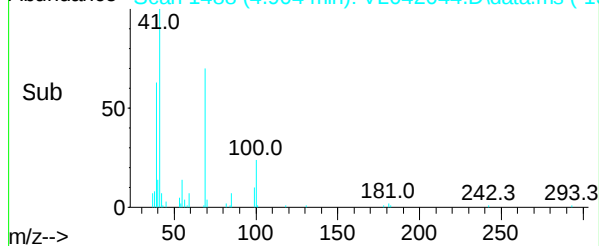
41 154.6 118.2 177.4

100 40.2 27.0 40.4

Abundance Scan 1488 (4.904 min): VL042044.D\data.ms



Abundance Scan 1488 (4.904 min): VL042044.D\data.ms (-1835) (-)



Abundance Scan 1413 (4.661 min): VL042041.D\data.ms (-14064)

2,2,4-Trimethylpentane

Concen: 0.469 ppbv

RT: 4.661 min Scan# 1413

Delta R.T. -0.000 min

Lab File: VL042044.D

Acq: 25 Feb 2025 10:31

Tgt Ion: 57 Resp: 40623

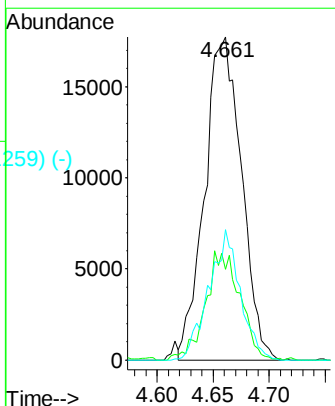
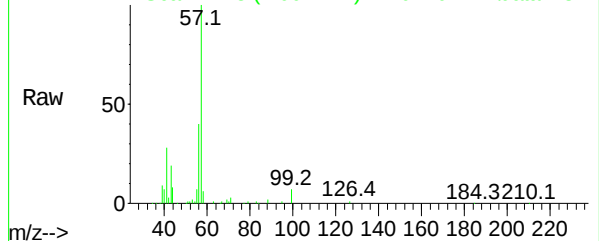
Ion Ratio Lower Upper

57 100

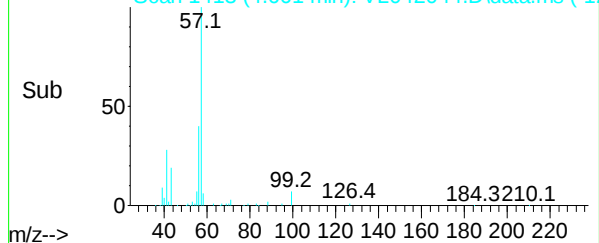
41 32.0 24.4 36.6

56 34.1 26.5 39.7

Abundance Scan 1413 (4.661 min): VL042044.D\data.ms



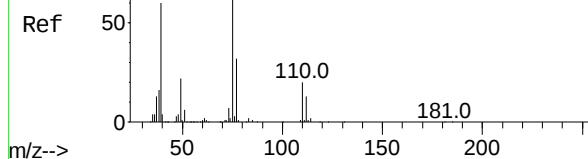
Abundance Scan 1413 (4.661 min): VL042044.D\data.ms (-1259) (-)



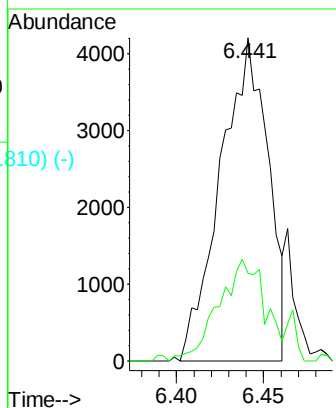
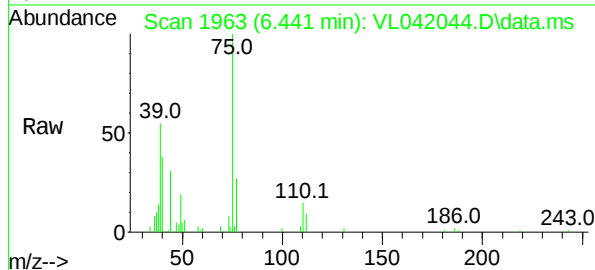
Abundance Scan 1964 (6.444 min): VL042041.D\data.ms (-19415)

t-1,3-Dichloropropene
Concen: 0.364 ppbv
RT: 6.441 min Scan#
Delta R.T. -0.003 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

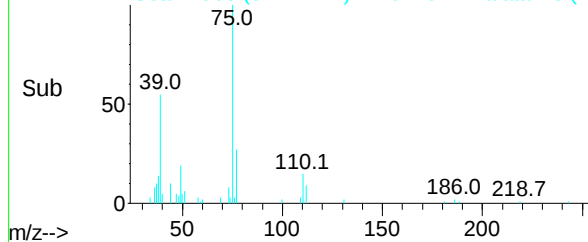
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 75 Resp: 8004
Ion Ratio Lower Upper
75 100
77 27.0 25.9 38.9



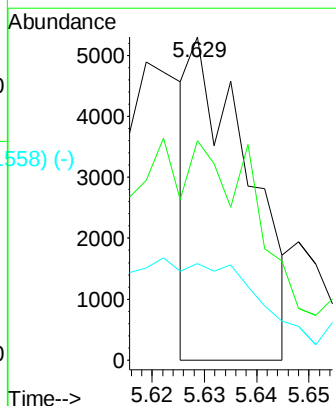
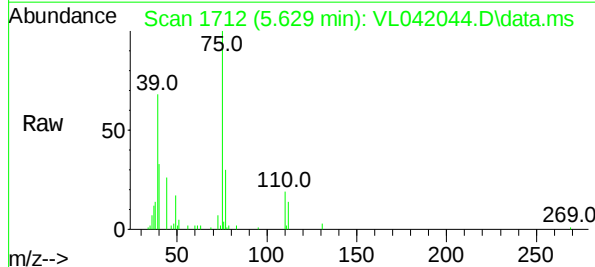
Abundance Scan 1963 (6.441 min): VL042044.D\data.ms (-1810) (-)



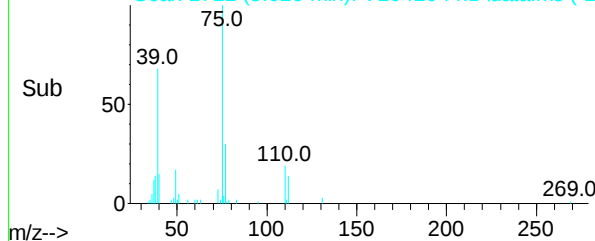
Abundance Scan 1712 (5.629 min): VL042041.D\data.ms (-16946)

cis-1,3-Dichloropropene
Concen: 0.145 ppbv
RT: 5.629 min Scan# 1712
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion: 75 Resp: 4036
Ion Ratio Lower Upper
75 100
39 55.1 51.9 77.9
77 26.6 24.9 37.3



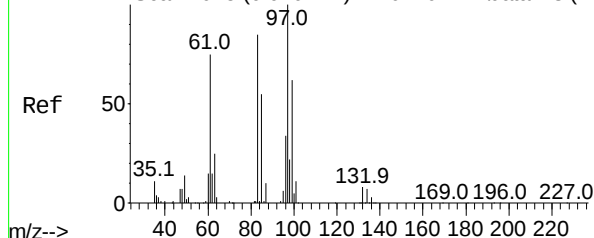
Abundance Scan 1712 (5.629 min): VL042044.D\data.ms (-1558) (-)



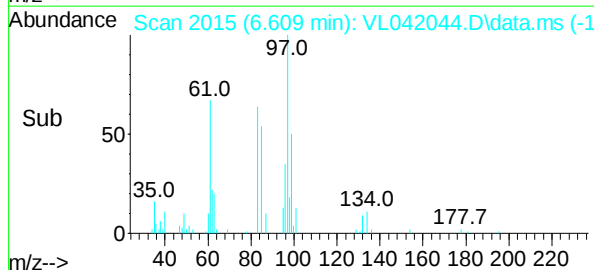
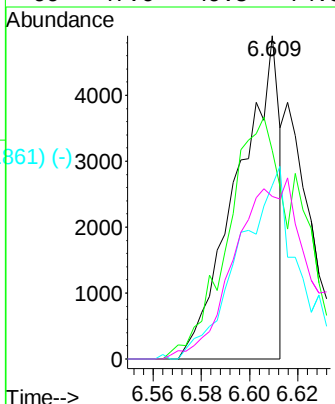
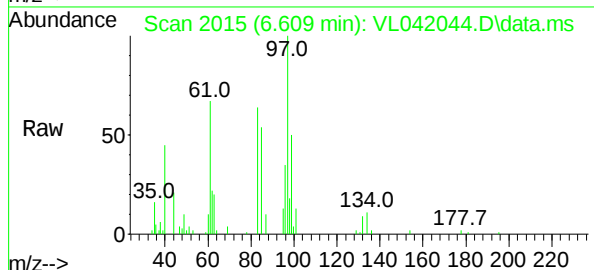
Abundance Scan 2015 (6.610 min): VL042041.D\data.ms (-1998)

1,1,2-Trichloroethane
Concen: 0.300 ppbv
RT: 6.609 min Scan#
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5



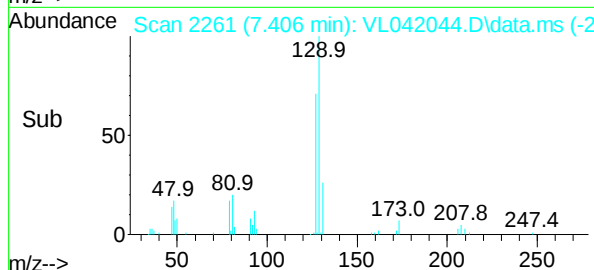
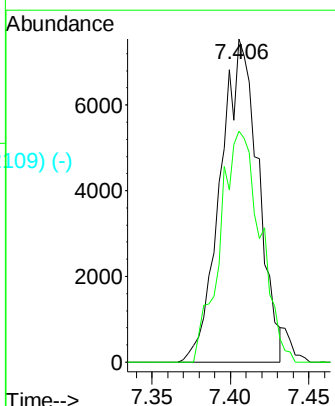
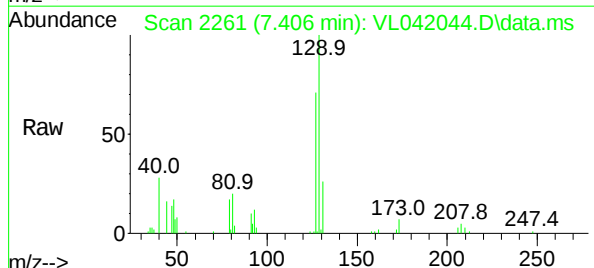
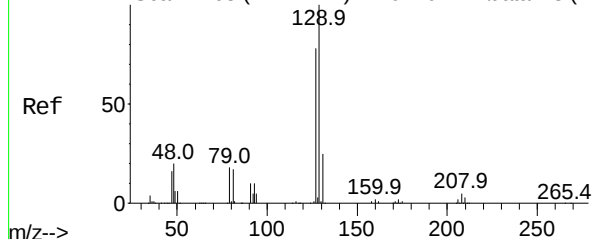
Tgt Ion:	97	Resp:	5914
Ion	Ratio	Lower	Upper
97	100		
83	60.2	68.1	102.1#
85	53.7	44.0	66.0
99	47.6	49.5	74.3#



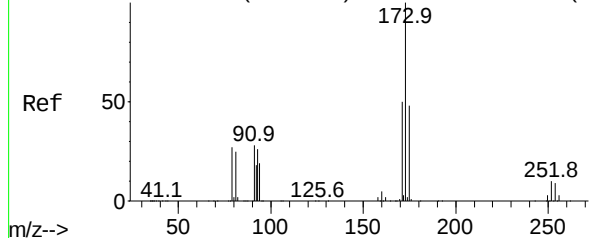
Abundance Scan 2263 (7.412 min): VL042041.D\data.ms (-2249)

Dibromochloromethane
Concen: 0.384 ppbv
RT: 7.406 min Scan# 2261
Delta R.T. -0.007 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion:	129	Resp:	12677
Ion	Ratio	Lower	Upper
129	100		
127	76.1	38.6	115.8



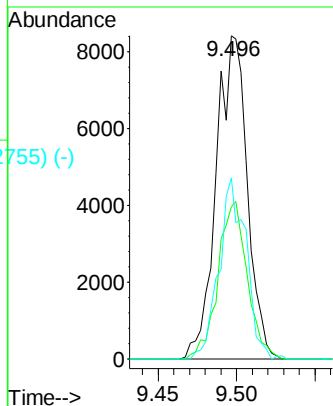
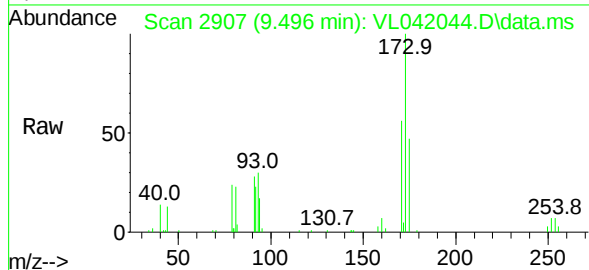
Abundance Scan 2909 (9.503 min): VL042041.D\data.ms (-289719)



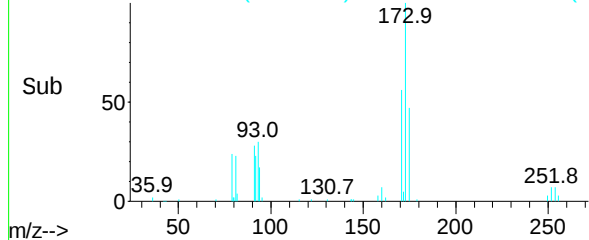
Bromoform
Concen: 0.430 ppbv
RT: 9.496 min Scan# 174
Delta R.T. -0.007 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

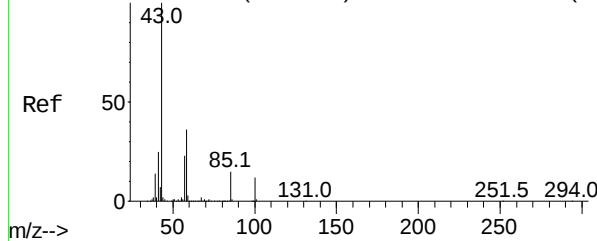
Tgt Ion:	173	Resp:	11640
Ion	Ratio	Lower	Upper
173	100		
175	46.0	38.3	57.5
171	48.8	40.2	60.2



Abundance Scan 2907 (9.496 min): VL042044.D\data.ms (-2755) (-)

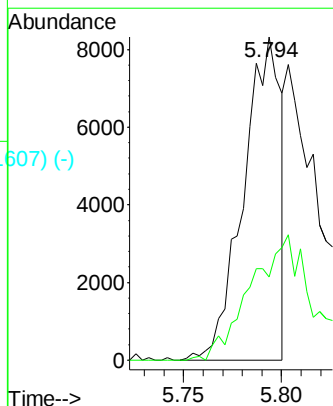
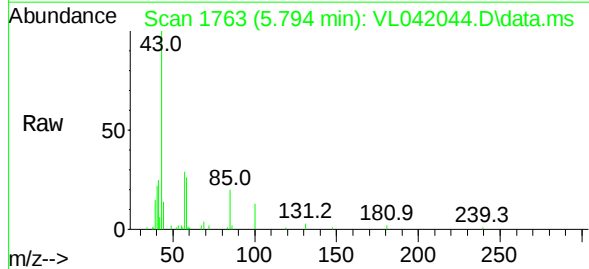


Abundance Scan 1761 (5.787 min): VL042041.D\data.ms (-174850)

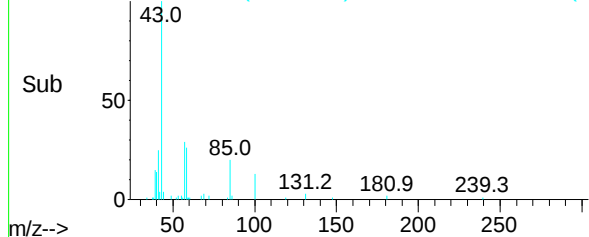


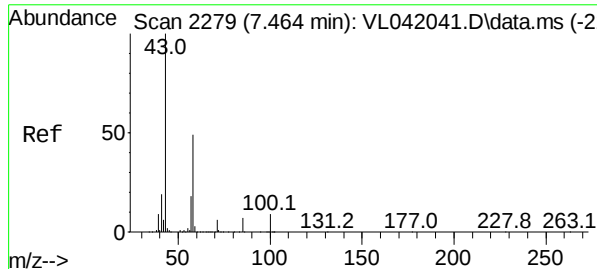
4-Methyl-2-Pentanone
Concen: 0.198 ppbv
RT: 5.794 min Scan# 1763
Delta R.T. 0.006 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion:	43	Resp:	11029
Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.3	43.9#



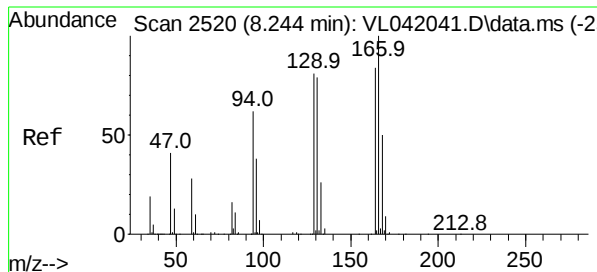
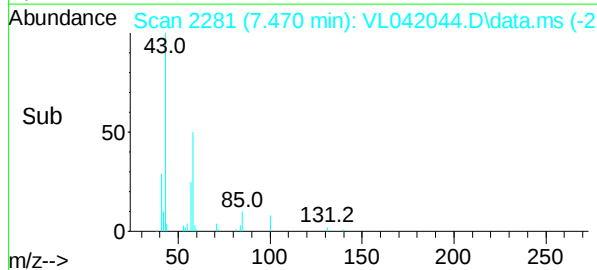
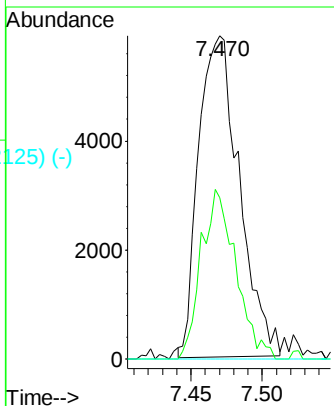
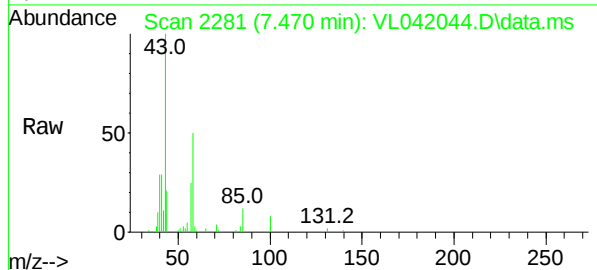
Abundance Scan 1763 (5.794 min): VL042044.D\data.ms (-1607) (-)





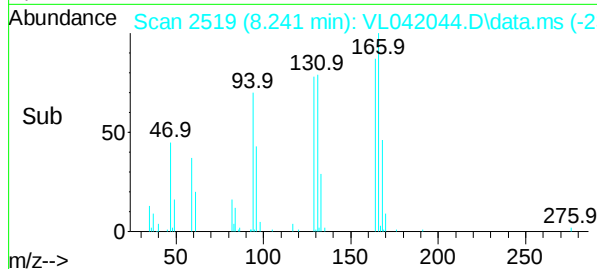
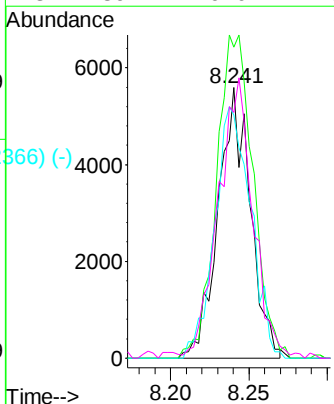
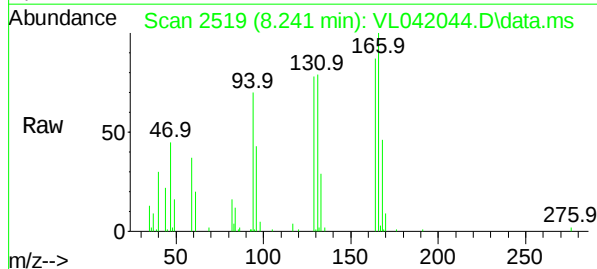
Instrument : MSVOA_1
 ClientSampleId : VSTDIC0.5
 2-Hexanone
 Concen: 0.257 ppbv
 RT: 7.470 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VL042044.D
 Acq: 25 Feb 2025 10:31

Tgt Ion:	43	Resp:	11717
Ion	Ratio	Lower	Upper
43	100		
58	45.4	39.0	58.6
98	0.0	0.1	0.1#

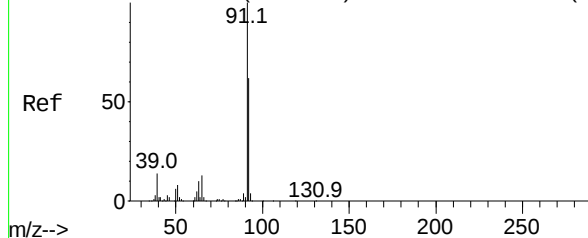


Tetrachloroethene
 Concen: 0.450 ppbv
 RT: 8.241 min Scan# 2519
 Delta R.T. -0.004 min
 Lab File: VL042044.D
 Acq: 25 Feb 2025 10:31

Tgt Ion:	164	Resp:	8012
Ion	Ratio	Lower	Upper
164	100		
166	114.8	95.7	143.5
129	89.8	77.1	115.7
131	89.4	76.0	114.0



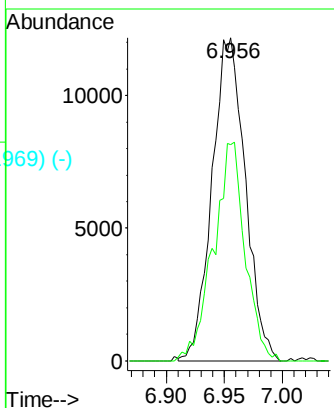
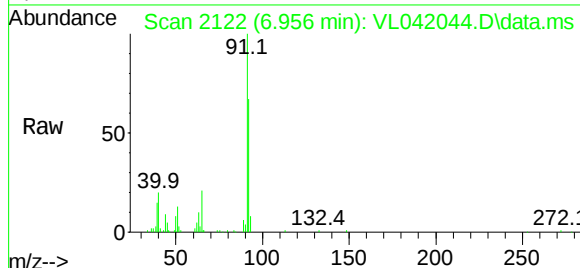
Abundance Scan 2123 (6.959 min): VL042041.D\data.ms (-210653)



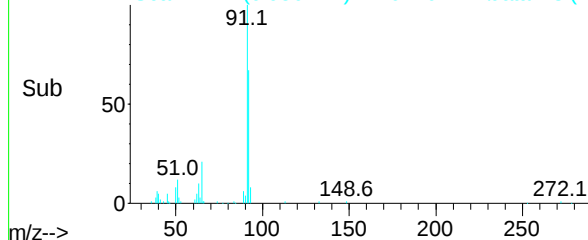
Toluene
Concen: 0.398 ppbv
RT: 6.956 min Scan#
Delta R.T. -0.003 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

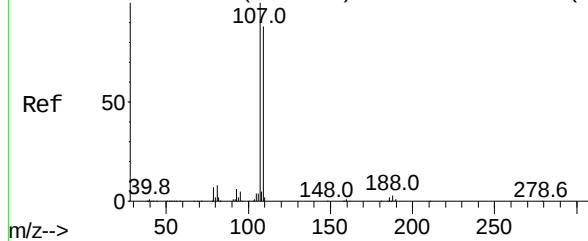
Tgt Ion: 91 Resp: 24224
Ion Ratio Lower Upper
91 100
92 64.4 49.0 73.6



Abundance Scan 2122 (6.956 min): VL042044.D\data.ms (-1969) (-)

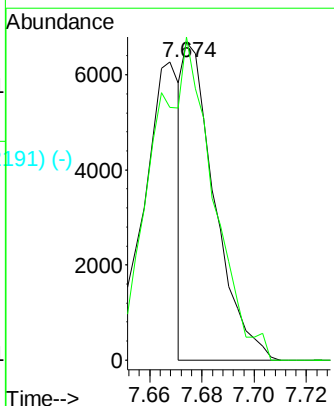
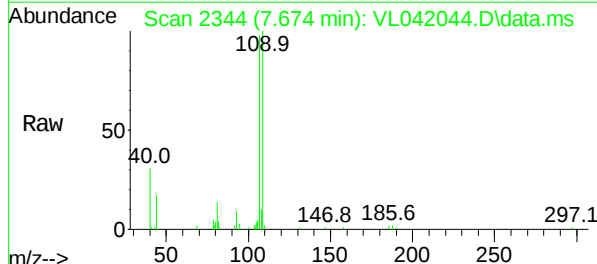


Abundance Scan 2345 (7.678 min): VL042041.D\data.ms (-233454)

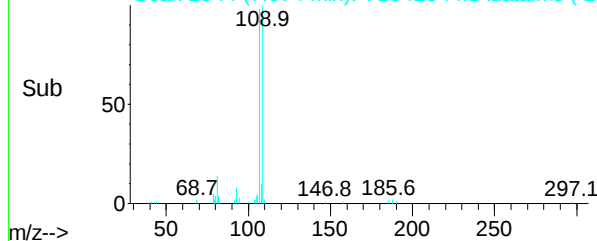


1,2-Dibromoethane
Concen: 0.205 ppbv
RT: 7.674 min Scan# 2344
Delta R.T. -0.003 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion:107 Resp: 5550
Ion Ratio Lower Upper
107 100
109 101.6 70.2 105.4



Abundance Scan 2344 (7.674 min): VL042044.D\data.ms (-2191) (-)



Abundance Scan 2723 (8.901 min): VL042041.D\data.ms (-27256)

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan#

Delta R.T. -0.003 min

Lab File: VL042044.D

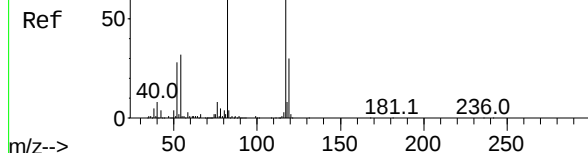
Acq: 25 Feb 2025 10:31

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5



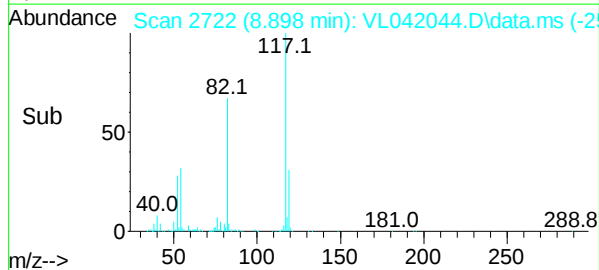
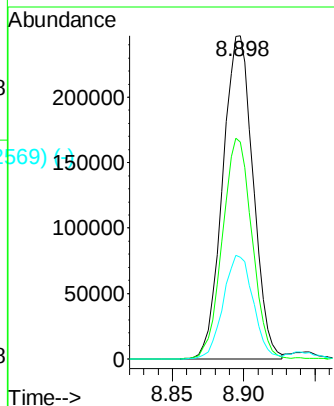
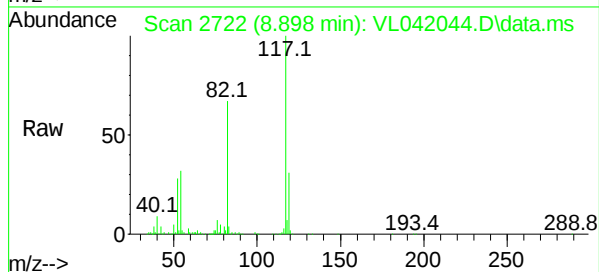
Tgt Ion:117 Resp: 365954

Ion Ratio Lower Upper

117 100

82 66.8 55.0 82.6

119 33.5 25.9 38.9



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

1,1,1,2-Tetrachloroethane

Concen: 0.424 ppbv

RT: 8.940 min Scan# 2735

Delta R.T. -0.003 min

Lab File: VL042044.D

Acq: 25 Feb 2025 10:31

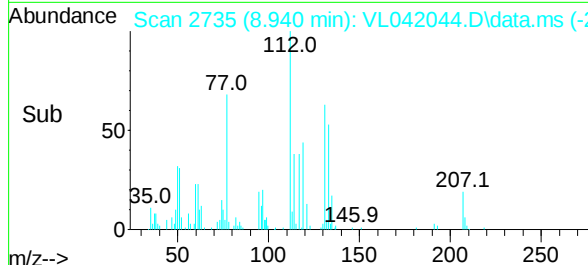
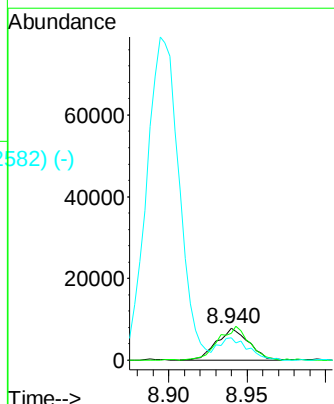
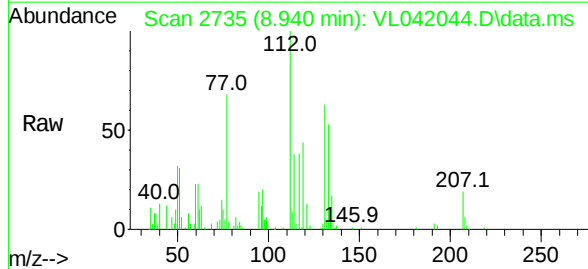
Tgt Ion:131 Resp: 11100

Ion Ratio Lower Upper

131 100

133 103.4 75.8 113.8

119 0.0 52.1 78.1#



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

Chlorobenzene

Concen: 0.468 ppbv

RT: 8.936 min Scan#

Delta R.T. -0.003 min

Lab File: VL042044.D

Acq: 25 Feb 2025 10:31

Instrument :

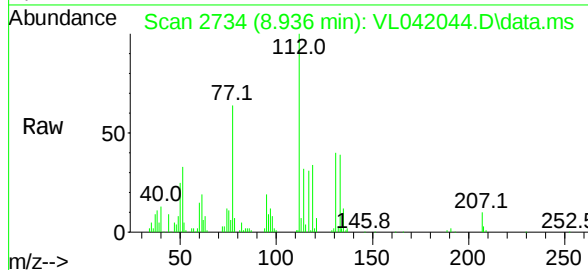
MSVOA_1

ClientSampleId :

VSTDIC0.5

Ref

m/z-->



Tgt Ion: 112 Resp: 20167

Ion Ratio Lower Upper

112 100

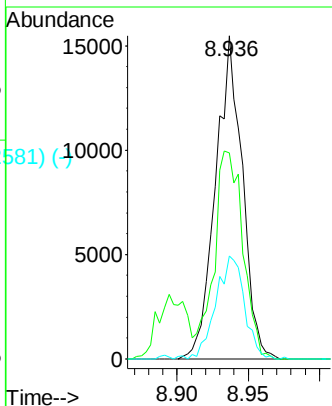
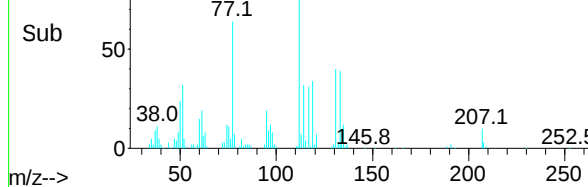
77 63.8 53.4 80.2

114 31.9 28.3 34.5

Abundance Scan 2734 (8.936 min): VL042044.D\data.ms

Raw

m/z-->



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

Ethyl Benzene

Concen: 0.431 ppbv

RT: 9.370 min Scan# 2868

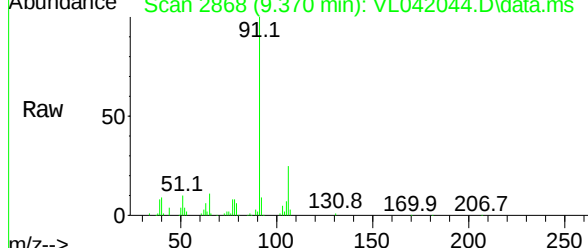
Delta R.T. -0.003 min

Lab File: VL042044.D

Acq: 25 Feb 2025 10:31

Ref

m/z-->



Tgt Ion: 91 Resp: 34506

Ion Ratio Lower Upper

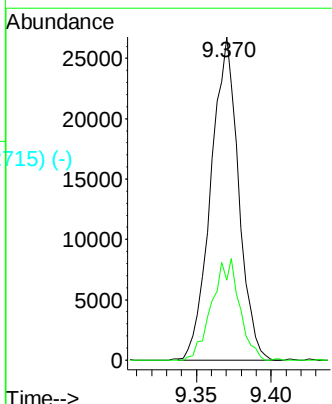
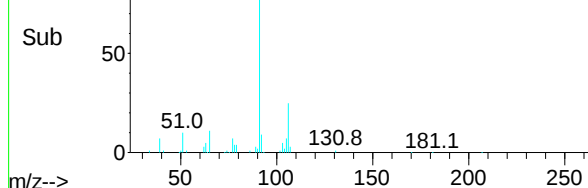
91 100

106 24.8 24.2 36.2

Abundance Scan 2868 (9.370 min): VL042044.D\data.ms

Raw

m/z-->



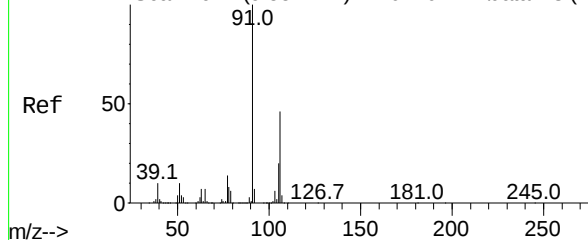
Abundance Scan 2868 (9.370 min): VL042044.D\data.ms (-2715) (-)

Sub

m/z-->



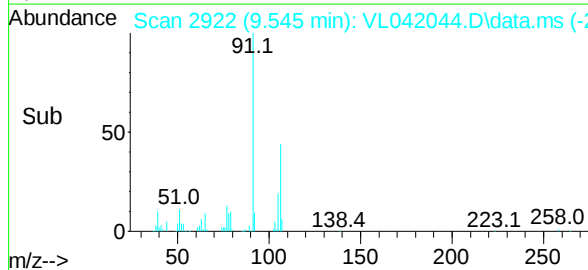
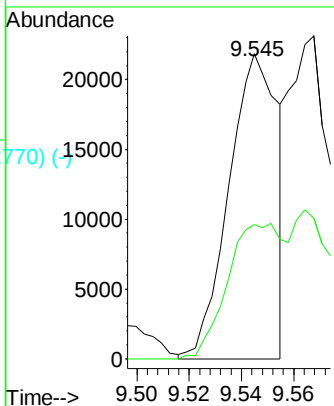
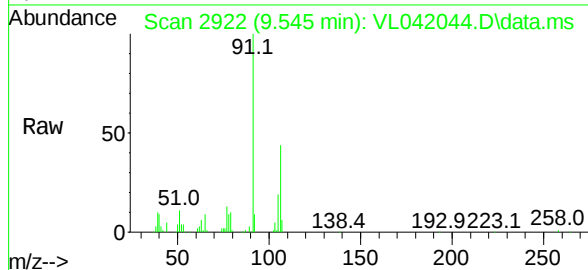
Abundance Scan 2924 (9.552 min): VL042041.D\data.ms (-291459)



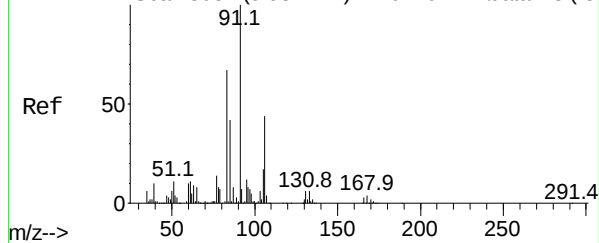
m/p-Xylene
Concen: 0.446 ppbv
RT: 9.545 min Scan# 2924
Delta R.T. -0.007 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 28109
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0

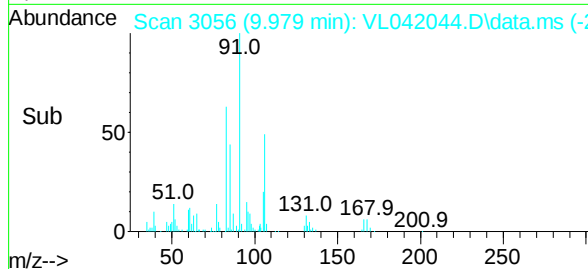
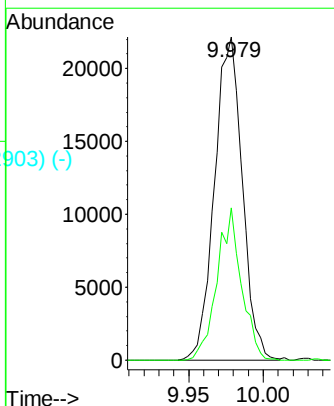
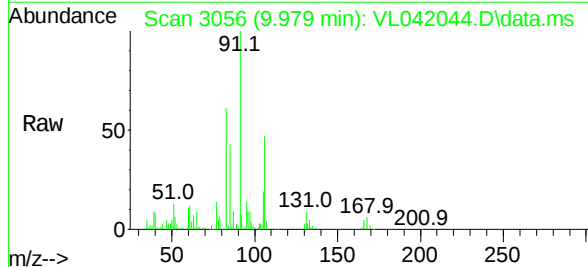


Abundance Scan 3057 (9.982 min): VL042041.D\data.ms (-30450)

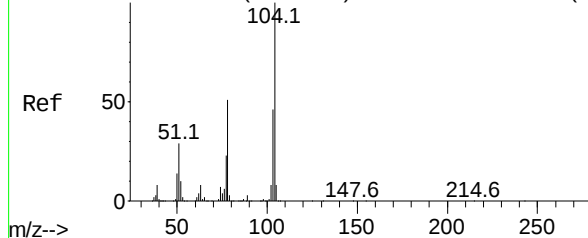


o-Xylene
Concen: 0.451 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.003 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion: 91 Resp: 28757
Ion Ratio Lower Upper
91 100
106 41.3 22.3 66.8



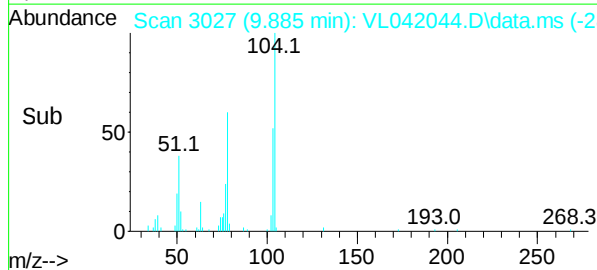
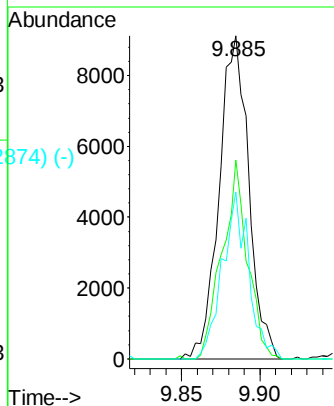
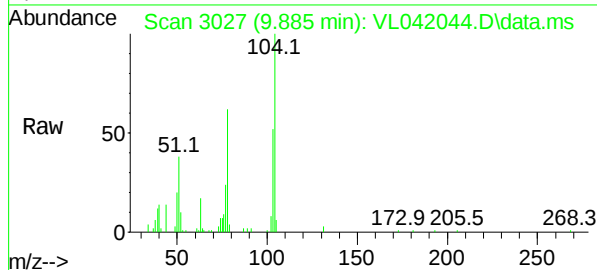
Abundance Scan 3028 (9.888 min): VL042041.D\data.ms (-301791)



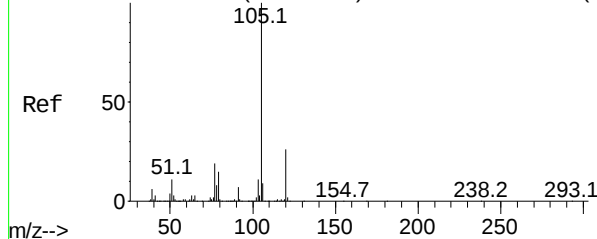
Styrene
Concen: 0.396 ppbv
RT: 9.885 min Scan#
Delta R.T. -0.003 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.9	41.0	61.4
103	46.1	37.0	55.6

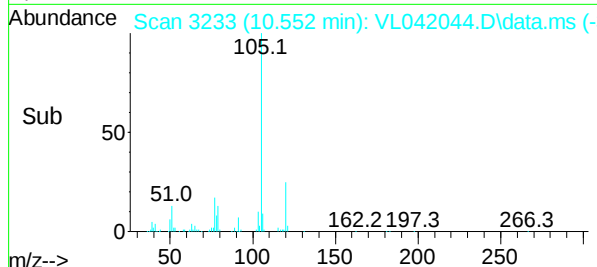
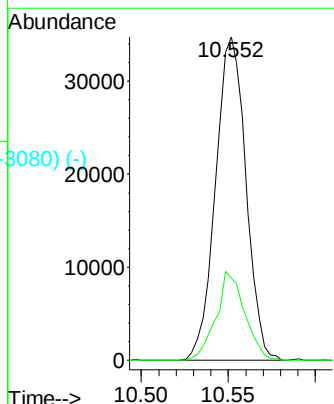
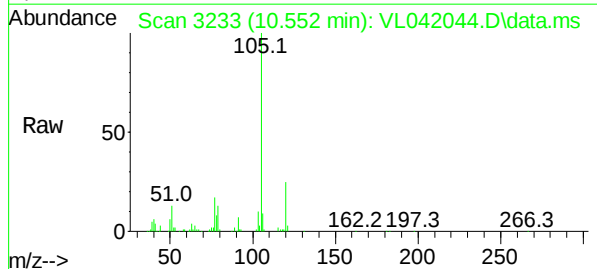


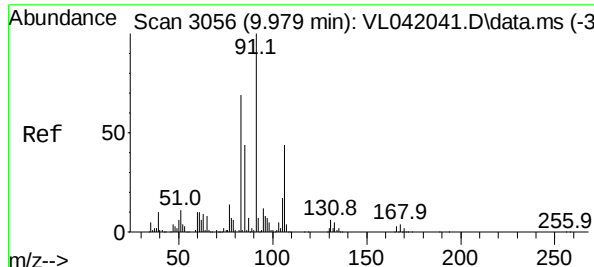
Abundance Scan 3234 (10.555 min): VL042041.D\data.ms (-32232)



Isopropylbenzene
Concen: 0.439 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. -0.003 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	20.7	31.1

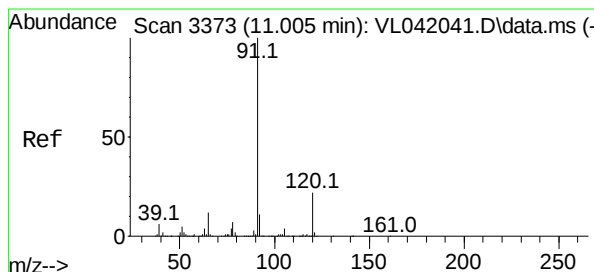
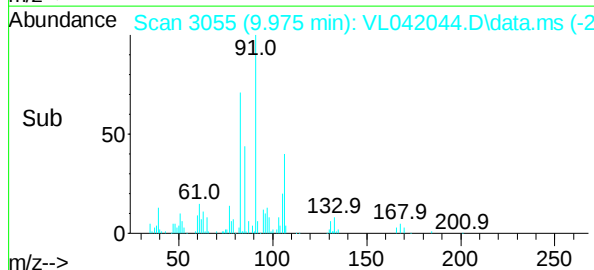
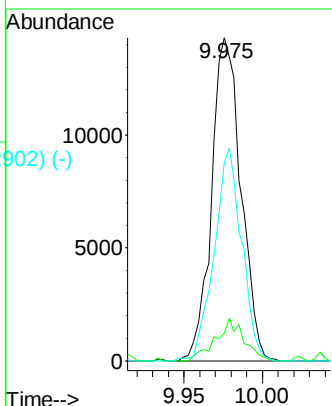
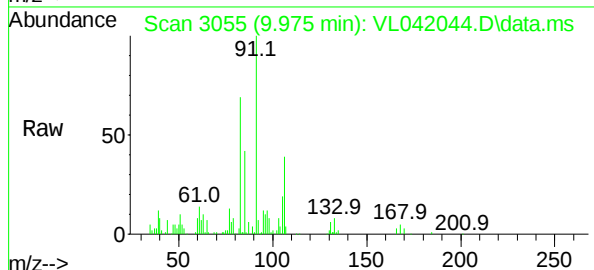




1,1,2,2-Tetrachloroethane
 Concen: 0.456 ppbv
 RT: 9.975 min Scan# 3304
 Delta R.T. -0.003 min
 Lab File: VL042044.D
 Acq: 25 Feb 2025 10:31

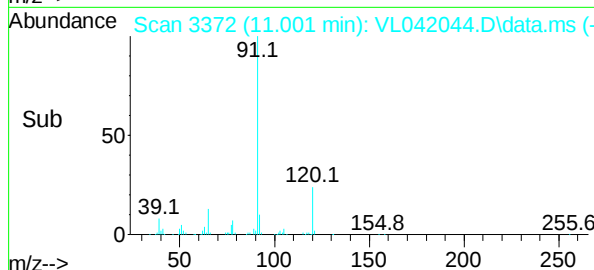
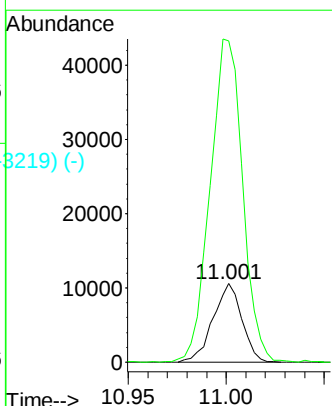
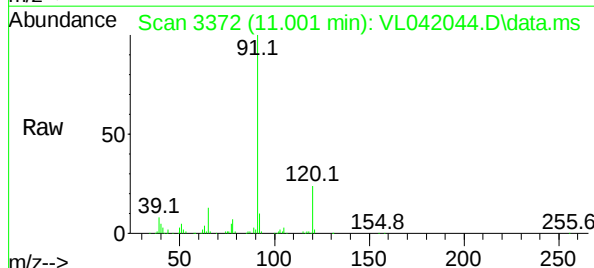
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

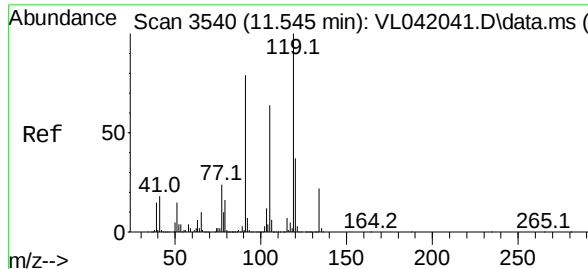
Tgt Ion:	83	Resp:	18774
Ion	Ratio	Lower	Upper
83	100		
131	12.5	4.5	13.7
85	61.7	32.1	96.3



n-propylbenzene
 Concen: 0.463 ppbv
 RT: 11.001 min Scan# 3372
 Delta R.T. -0.003 min
 Lab File: VL042044.D
 Acq: 25 Feb 2025 10:31

Tgt Ion:	120	Resp:	10900
Ion	Ratio	Lower	Upper
120	100		
91	464.2	370.6	556.0

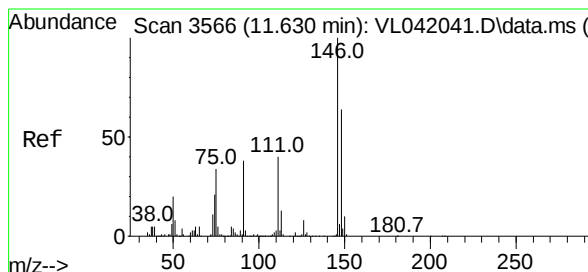
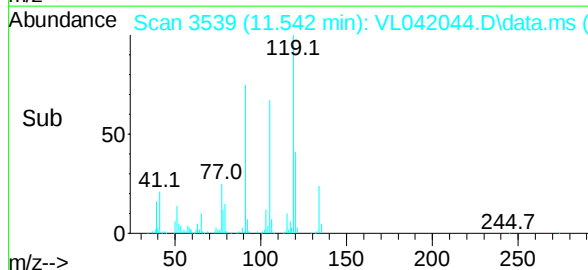
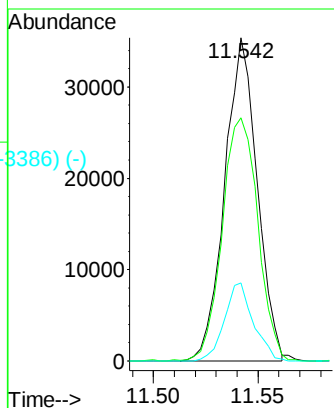
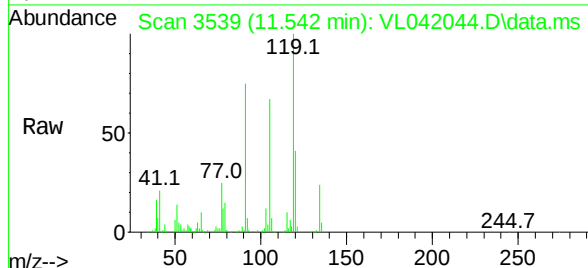




tert-Butylbenzene
Concen: 0.456 ppbv
RT: 11.542 min Scan#
Delta R.T. -0.004 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

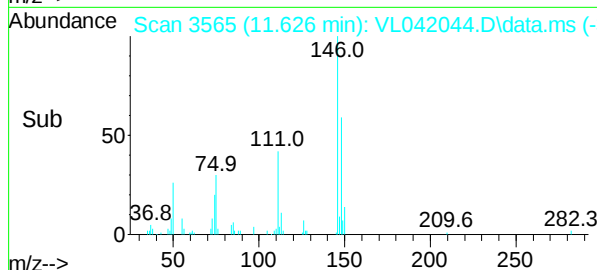
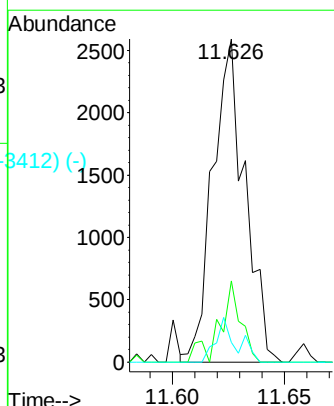
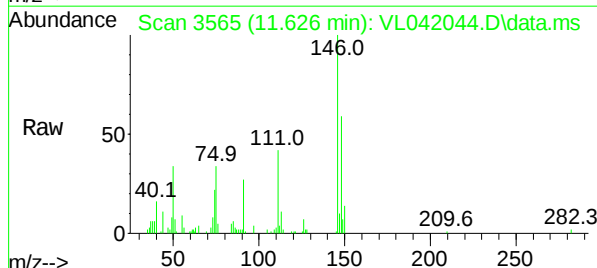
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

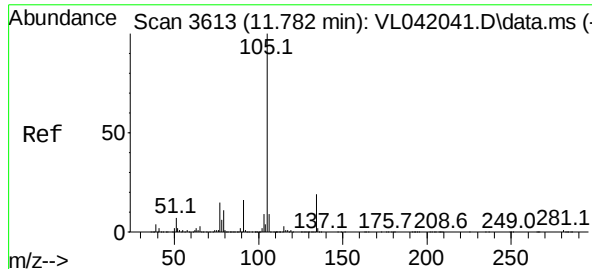
Tgt Ion:	119	Resp:	38066
Ion	Ratio	Lower	Upper
119	100		
91	82.9	64.2	96.2
134	21.5	17.4	26.2



Benzyl Chloride
Concen: 0.309 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. -0.003 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion:	91	Resp:	2589
Ion	Ratio	Lower	Upper
91	100		
126	16.8	14.5	21.7
128	8.7	5.4	8.2#

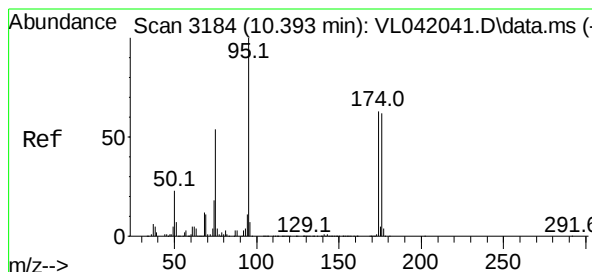
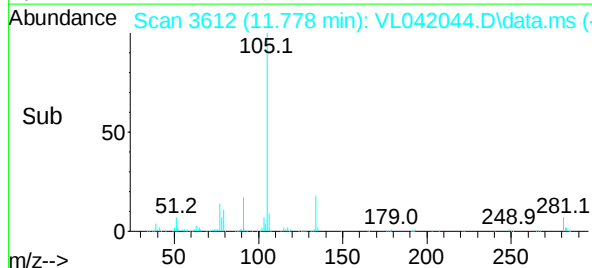
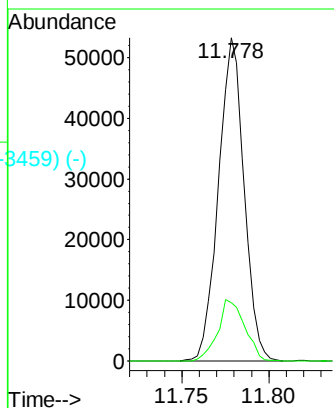
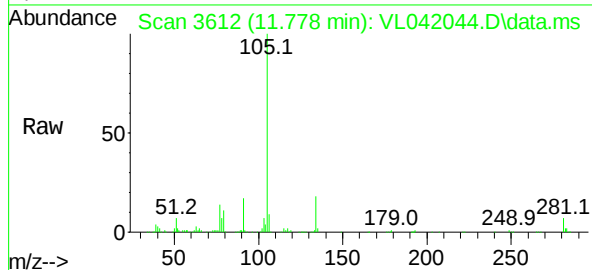




sec-Butylbenzene
Concen: 0.464 ppbv
RT: 11.778 min Scan# 3613
Delta R.T. -0.003 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

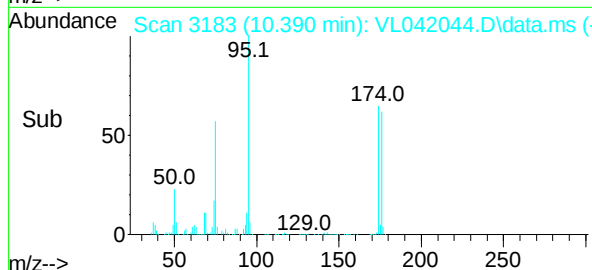
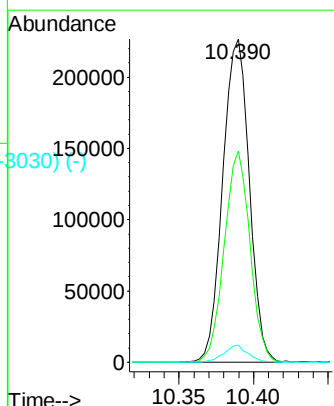
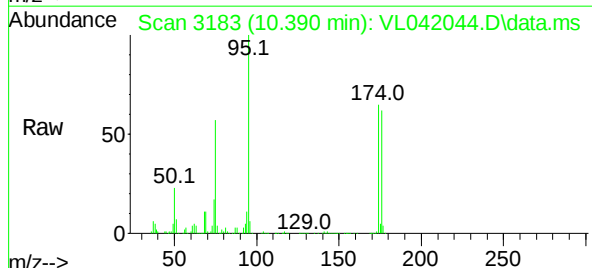
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

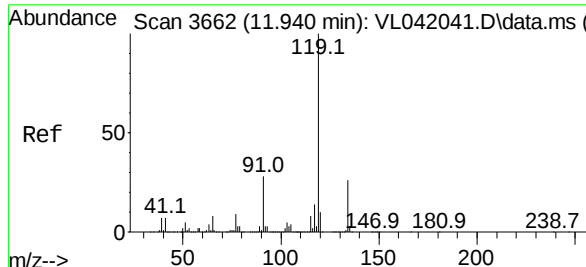
Tgt Ion: 105 Resp: 54394
Ion Ratio Lower Upper
105 100
134 19.9 14.9 22.3



1-Bromo-4-Fluorobenzene
Concen: 9.310 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. -0.003 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion: 95 Resp: 281042
Ion Ratio Lower Upper
95 100
174 63.4 51.8 77.6
175 4.6 3.9 5.9

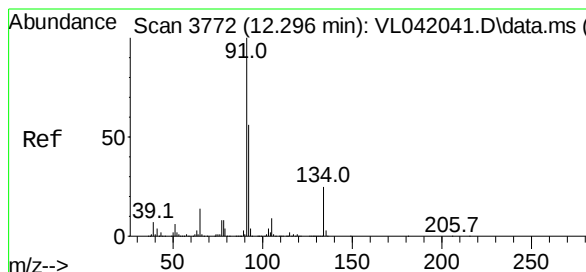
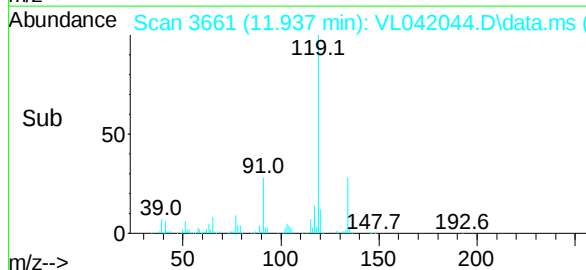
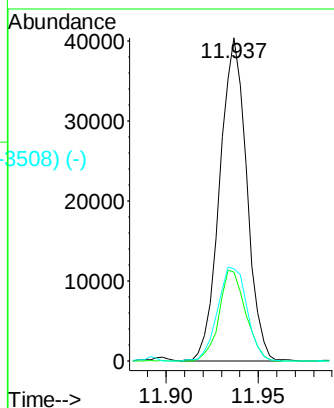
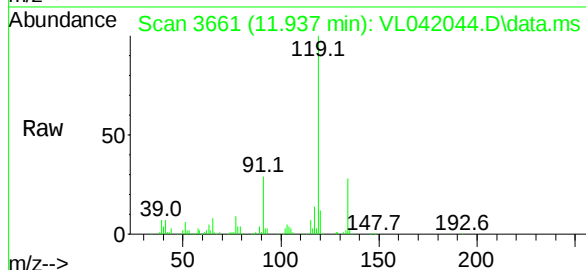




p-Isopropyltoluene
 Concen: 0.427 ppbv
 RT: 11.937 min Scan#
 Delta R.T. -0.003 min
 Lab File: VL042044.D
 Acq: 25 Feb 2025 10:31

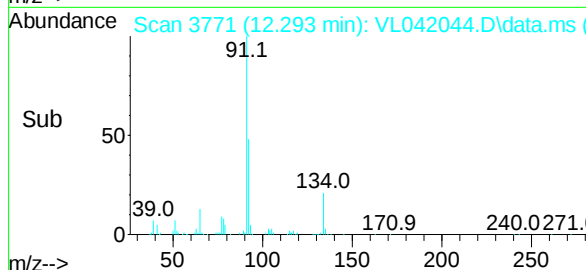
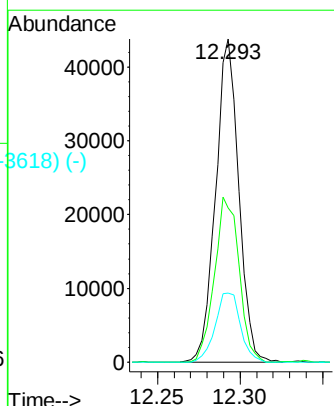
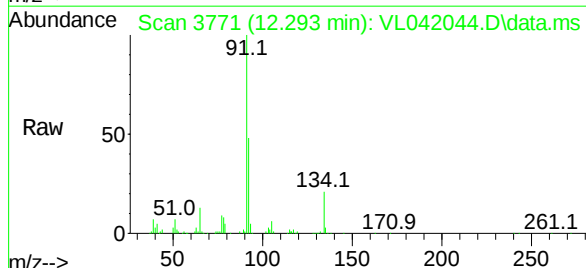
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

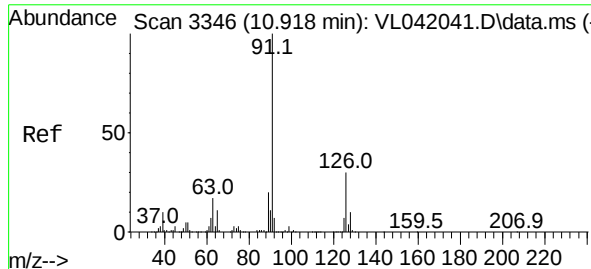
Tgt Ion:	119	Resp:	40978
Ion	Ratio	Lower	Upper
119	100		
134	27.7	20.9	31.3
91	32.2	23.1	34.7



n-Butylbenzene
 Concen: 0.451 ppbv
 RT: 12.293 min Scan# 3771
 Delta R.T. -0.003 min
 Lab File: VL042044.D
 Acq: 25 Feb 2025 10:31

Tgt Ion:	91	Resp:	42673
Ion	Ratio	Lower	Upper
91	100		
92	54.5	44.7	67.1
134	23.5	18.9	28.3

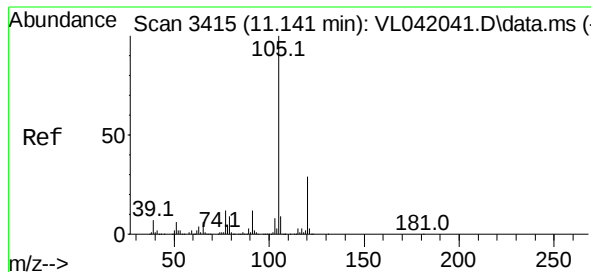
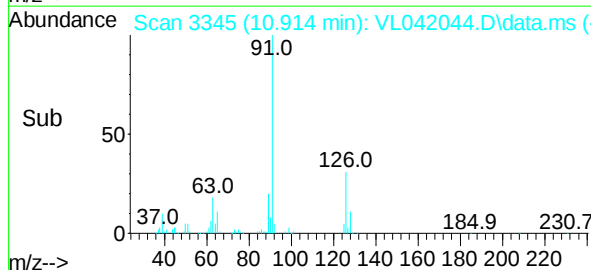
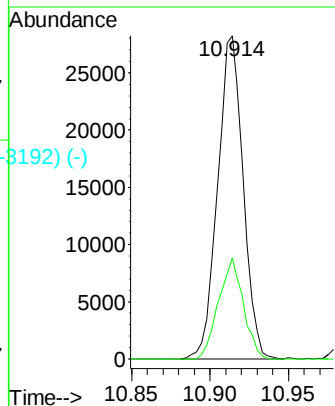
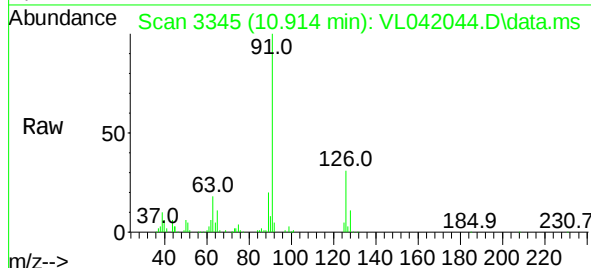




2-Chlorotoluene
 Concen: 0.446 ppbv
 RT: 10.914 min Scan#
 Delta R.T. -0.003 min
 Lab File: VL042044.D
 Acq: 25 Feb 2025 10:31

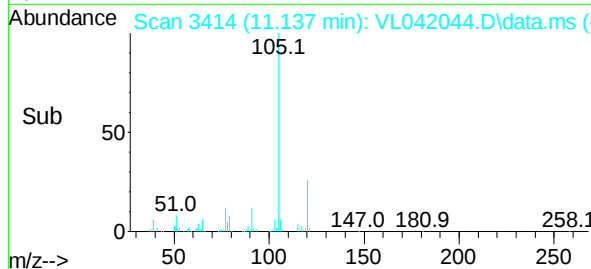
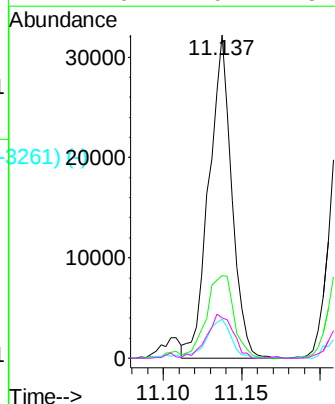
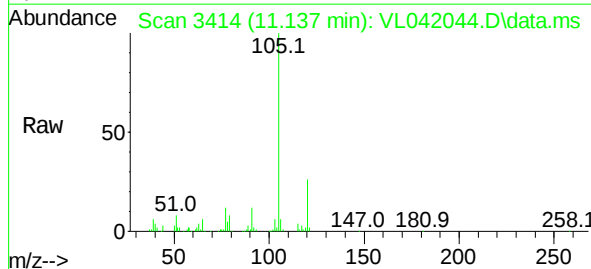
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

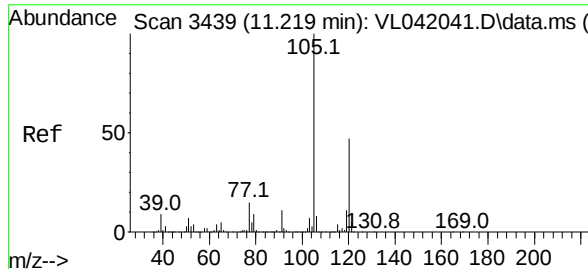
Tgt Ion: 91 Resp: 32161
 Ion Ratio Lower Upper
 91 100
 126 30.2 11.9 47.5



4-Ethyltoluene
 Concen: 0.434 ppbv
 RT: 11.137 min Scan# 3414
 Delta R.T. -0.003 min
 Lab File: VL042044.D
 Acq: 25 Feb 2025 10:31

Tgt Ion: 105 Resp: 32477
 Ion Ratio Lower Upper
 105 100
 120 32.5 24.1 36.1
 91 13.6 10.2 15.4
 77 16.4 10.4 15.6#

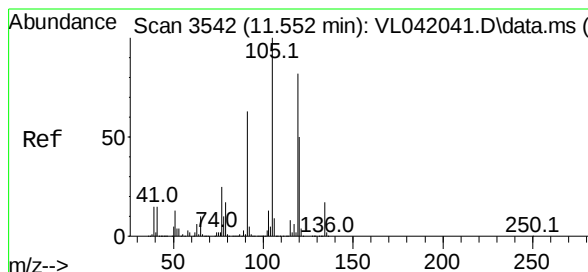
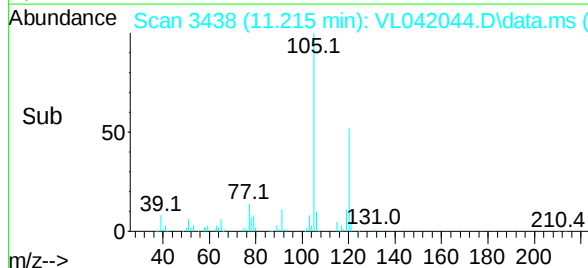
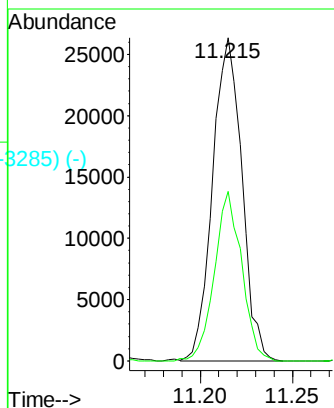
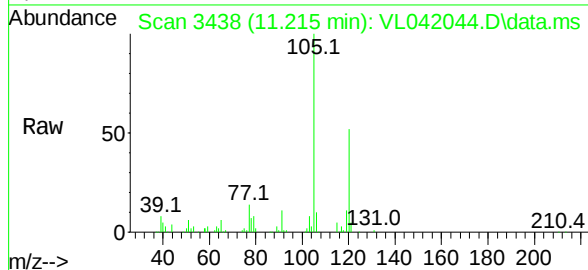




1,3,5-Trimethylbenzene
Concen: 0.452 ppbv
RT: 11.215 min Scan#
Delta R.T. -0.004 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

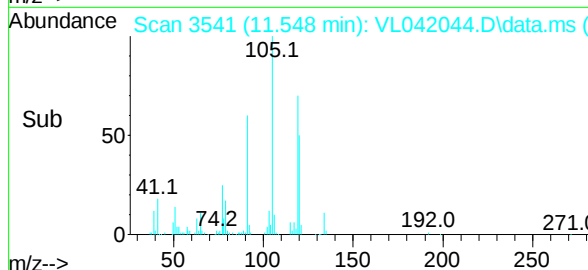
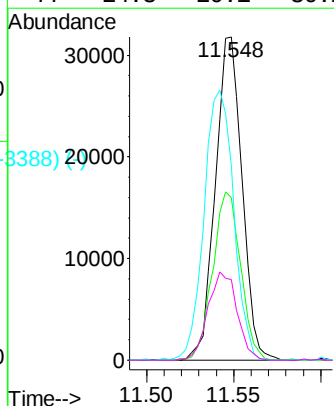
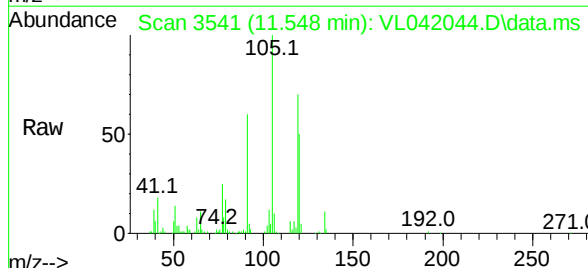
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

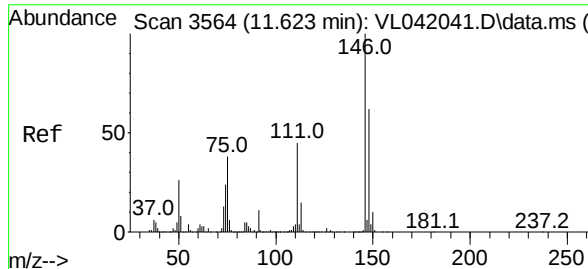
Tgt Ion:105 Resp: 29130
Ion Ratio Lower Upper
105 100
120 52.4 37.4 56.0



1,2,4-Trimethylbenzene
Concen: 0.491 ppbv
RT: 11.548 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion:105 Resp: 33950
Ion Ratio Lower Upper
105 100
120 50.1 40.2 60.2
91 60.2 51.4 77.2
77 24.8 20.1 30.1

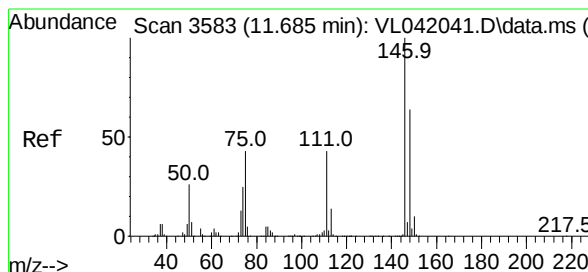
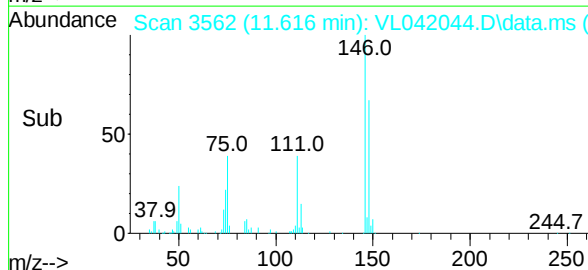
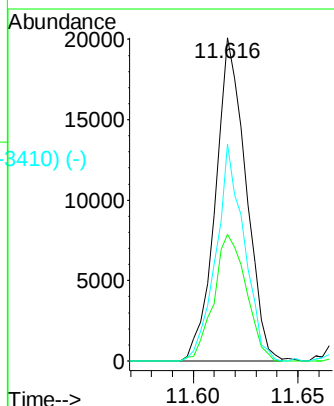
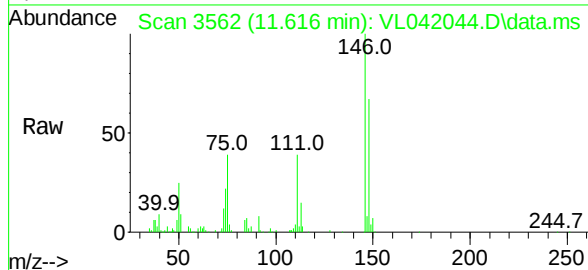




1,3-Dichlorobenzene
Concen: 0.546 ppbv
RT: 11.616 min Scan#
Delta R.T. -0.007 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

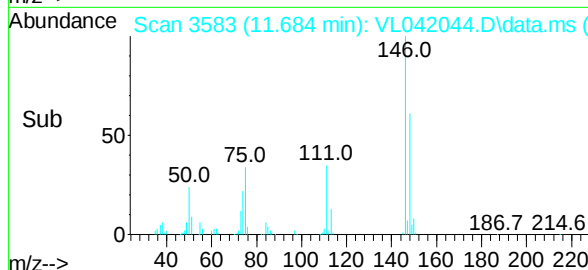
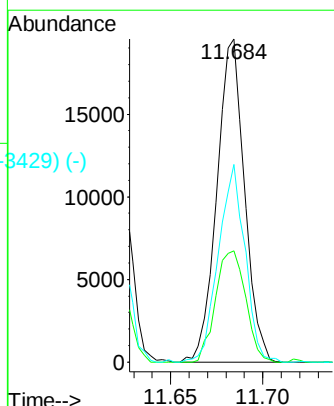
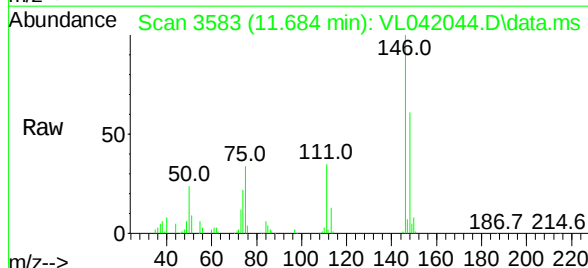
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

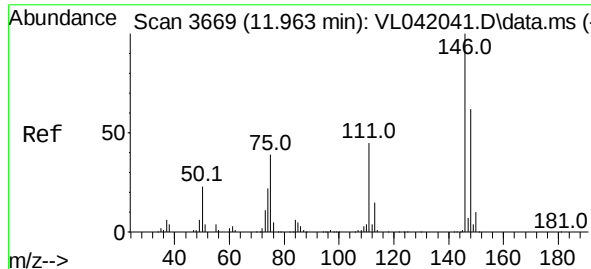
Tgt Ion:	146	Resp:	20339
Ion	Ratio	Lower	Upper
146	100		
111	41.6	22.4	67.2
148	61.9	32.3	96.8



1,4-Dichlorobenzene
Concen: 0.564 ppbv
RT: 11.684 min Scan# 3583
Delta R.T. -0.000 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion:	146	Resp:	20492
Ion	Ratio	Lower	Upper
146	100		
111	37.7	21.5	64.5
148	58.8	31.6	95.0

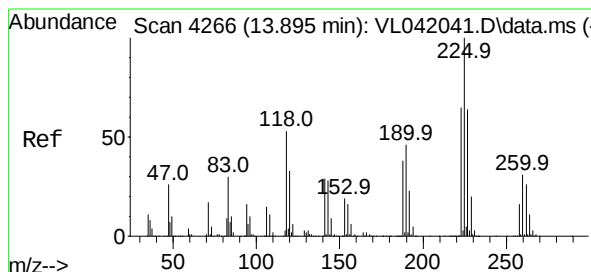
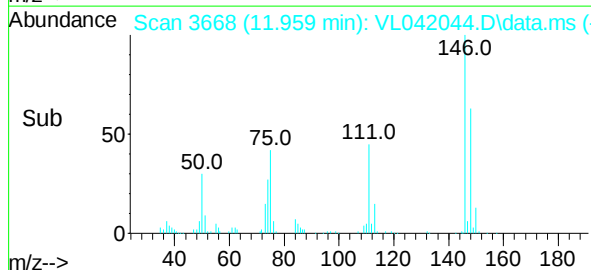
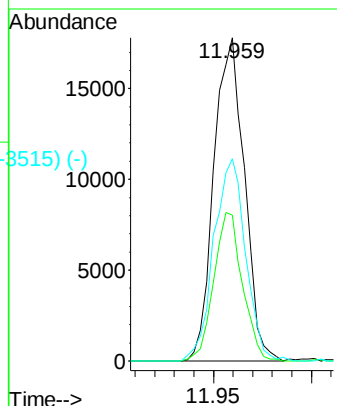
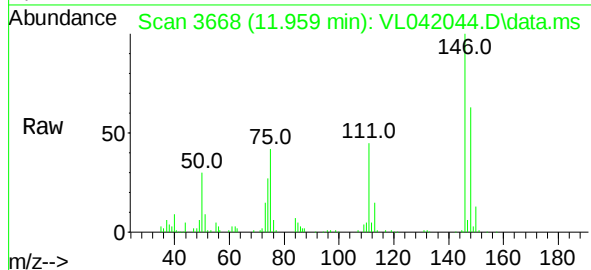




1,2-Dichlorobenzene
Concen: 0.544 ppbv
RT: 11.959 min Scan#
Delta R.T. -0.003 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

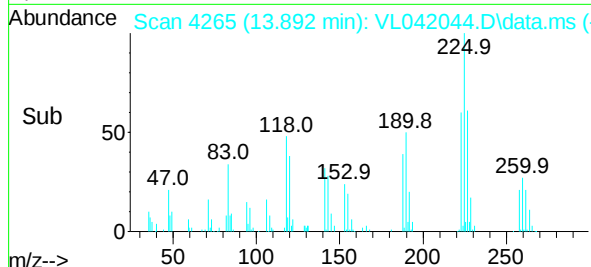
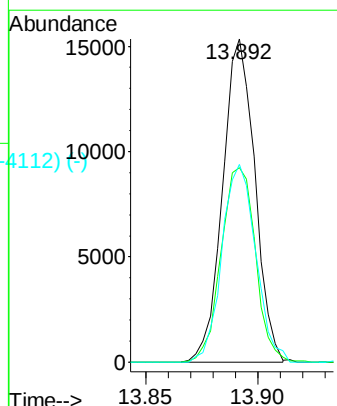
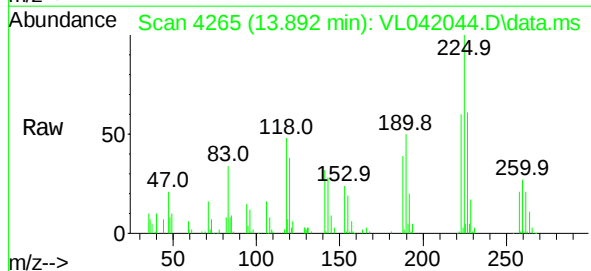
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

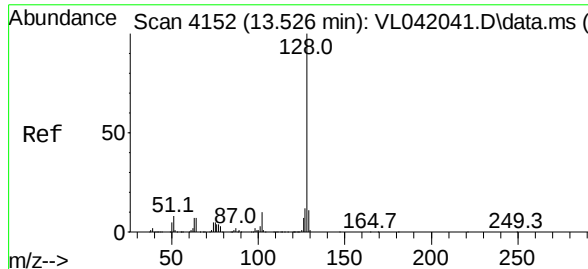
Tgt Ion:	146	Resp:	19373
Ion	Ratio	Lower	Upper
146	100		
111	43.0	23.2	69.6
148	65.0	31.4	94.2



Hexachloro-1,3-Butadiene
Concen: 0.522 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. -0.004 min
Lab File: VL042044.D
Acq: 25 Feb 2025 10:31

Tgt Ion:	225	Resp:	15367
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.2	75.2
227	64.0	50.8	76.2

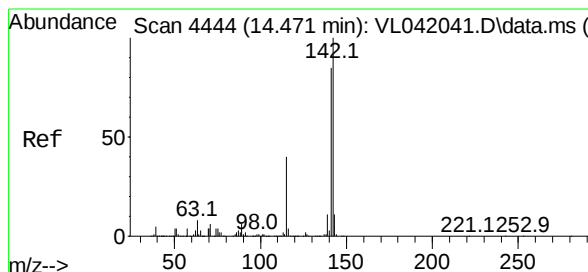
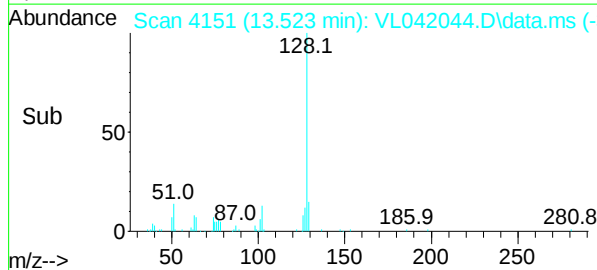
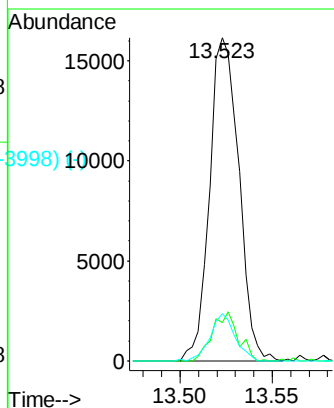
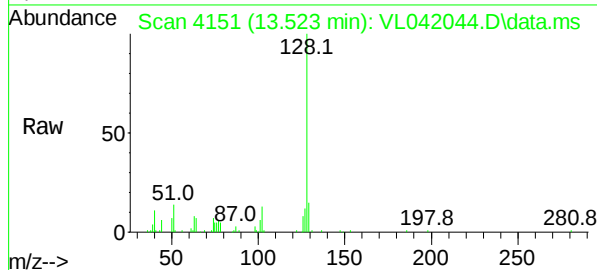




Naphthalene
 Concen: 0.263 ppbv
 RT: 13.523 min Scan#
 Delta R.T. -0.003 min
 Lab File: VL042044.D
 Acq: 25 Feb 2025 10:31

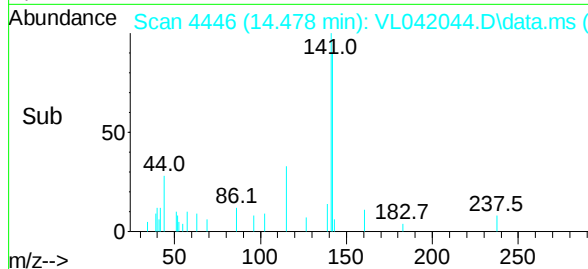
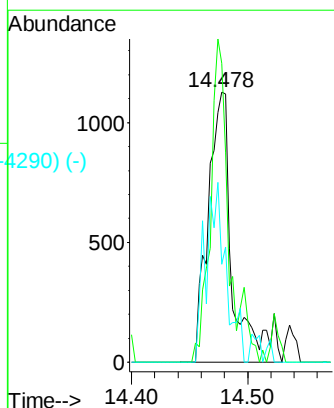
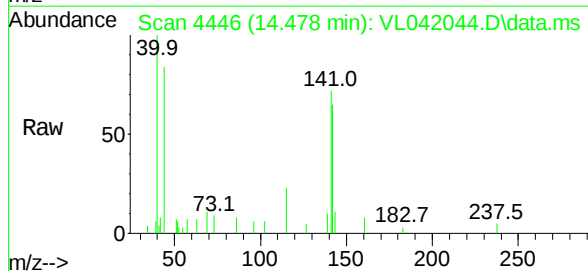
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

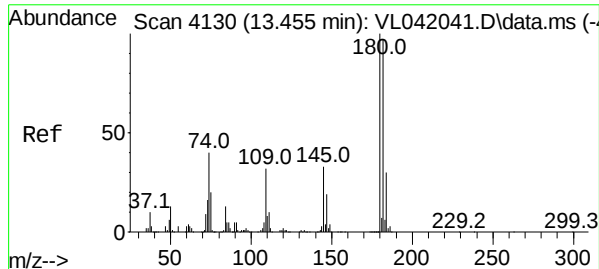
Tgt Ion:	128	Resp:	17897
Ion	Ratio	Lower	Upper
128	100		
127	11.8	9.8	14.6
129	14.7	8.6	12.8#



Naphthalene, 2-methyl-
 Concen: 0.053 ppbv
 RT: 14.478 min Scan# 4446
 Delta R.T. 0.006 min
 Lab File: VL042044.D
 Acq: 25 Feb 2025 10:31

Tgt Ion:	142	Resp:	1646
Ion	Ratio	Lower	Upper
142	100		
141	94.8	65.8	98.6
115	55.5	29.5	44.3#





1,2,4-Trichlorobenzene
 Concen: 0.389 ppbv
 RT: 13.452 min Scan#
 Delta R.T. -0.004 min
 Lab File: VL042044.D
 Acq: 25 Feb 2025 10:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:	180	Resp:	10771
Ion	Ratio	Lower	Upper
180	100		
182	87.1	75.1	112.7
184	30.2	23.8	35.6

