

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022525\
 Data File : VL042043.D
 Acq On : 25 Feb 2025 10:00
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Quant Time: Feb 25 10:27:35 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 10:15:00 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	161096	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	423363	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	369917	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.390	95	287450	9.420	ppbv	0.00
Spiked Amount	10.000	Range 65 - 135	Recovery	=	94.200%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.502	85	17457	0.629	ppbv	95
3) Chlorodifluoromethane	1.479	51	25229	0.823	ppbv	98
4) Chloromethane	1.538	50	6417	0.595	ppbv #	75
5) Vinyl Chloride	1.586	62	5567	0.432	ppbv	96
6) Bromomethane	1.674	94	2966	0.594	ppbv	100
7) Chloroethane	1.709	64	2542	0.605	ppbv	96
8) Dichlorotetrafluoroethane	1.560	85	14655	0.601	ppbv	90
9) Propene	1.486	41	10156	0.768	ppbv	96
10) Heptane	4.998	43	19784	0.539	ppbv #	59
11) Trichlorofluoromethane	1.884	101	18079	0.648	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.149	101	14527	0.667	ppbv	92
13) Ethanol	1.725	45	1108	0.743	ppbv	91
14) Bromoethene	1.787	108	4905	0.604	ppbv #	95
15) Acetone	1.845	43	15468	0.582	ppbv	98
16) 1,3-Butadiene	1.615	39	7010	0.556	ppbv	99
17) tert-Butyl alcohol	2.052	59	19092	0.580	ppbv	97
18) 1,1-Dichloroethene	2.043	96	7042	0.677	ppbv	94
19) Isopropyl Alcohol	1.894	45	9191	0.616	ppbv #	32
20) Methylene Chloride	2.068	84	6026	0.602	ppbv	95
21) Allyl Chloride	2.104	41	11550	0.600	ppbv	95
22) trans-1,2-Dichloroethene	2.043	96	7042	0.624	ppbv	87
23) Vinyl Acetate	2.473	43	9893	0.687	ppbv #	91
24) 1,1-Dichloroethane	2.418	63	13783	0.601	ppbv	98
25) Ethyl Acetate	2.852	43	59183	0.811	ppbv	99
26) Hexane	2.836	57	23549	0.804	ppbv	96
27) Carbon Disulfide	2.159	76	15659	0.568	ppbv #	46
28) Methyl tert-Butyl Ether	2.454	73	13593	0.759	ppbv	95
29) Chloroform	2.861	83	32925	0.776	ppbv	94
30) Cyclohexane	3.874	84	19953	0.840	ppbv	97
31) cis-1,2-Dichloroethene	2.732	61	22565	0.780	ppbv	97
32) 1,1,1-Trichloroethane	3.386	97	30870	0.656	ppbv	96
34) 2-Butanone	2.570	43	33820	0.929	ppbv	99
35) Carbon Tetrachloride	3.777	117	30618	0.745	ppbv	90
36) Benzene	3.674	78	45892	0.895	ppbv	96
37) 1,2-Dichloroethane	3.234	62	25585	0.876	ppbv	99
38) Trichloroethene	4.570	130	18921	0.908	ppbv	91
39) 1,2-Dichloropropane	4.334	63	17557	0.934	ppbv	94
40) 1,4-Dioxane	4.619	88	3890	0.398	ppbv #	1
41) Tetrahydrofuran	3.075	42	20823	1.000	ppbv	96
42) Bromodichloromethane	4.515	83	33481	0.847	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022525\
 Data File : VL042043.D
 Acq On : 25 Feb 2025 10:00
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Quant Time: Feb 25 10:27:35 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 10:15:00 2025

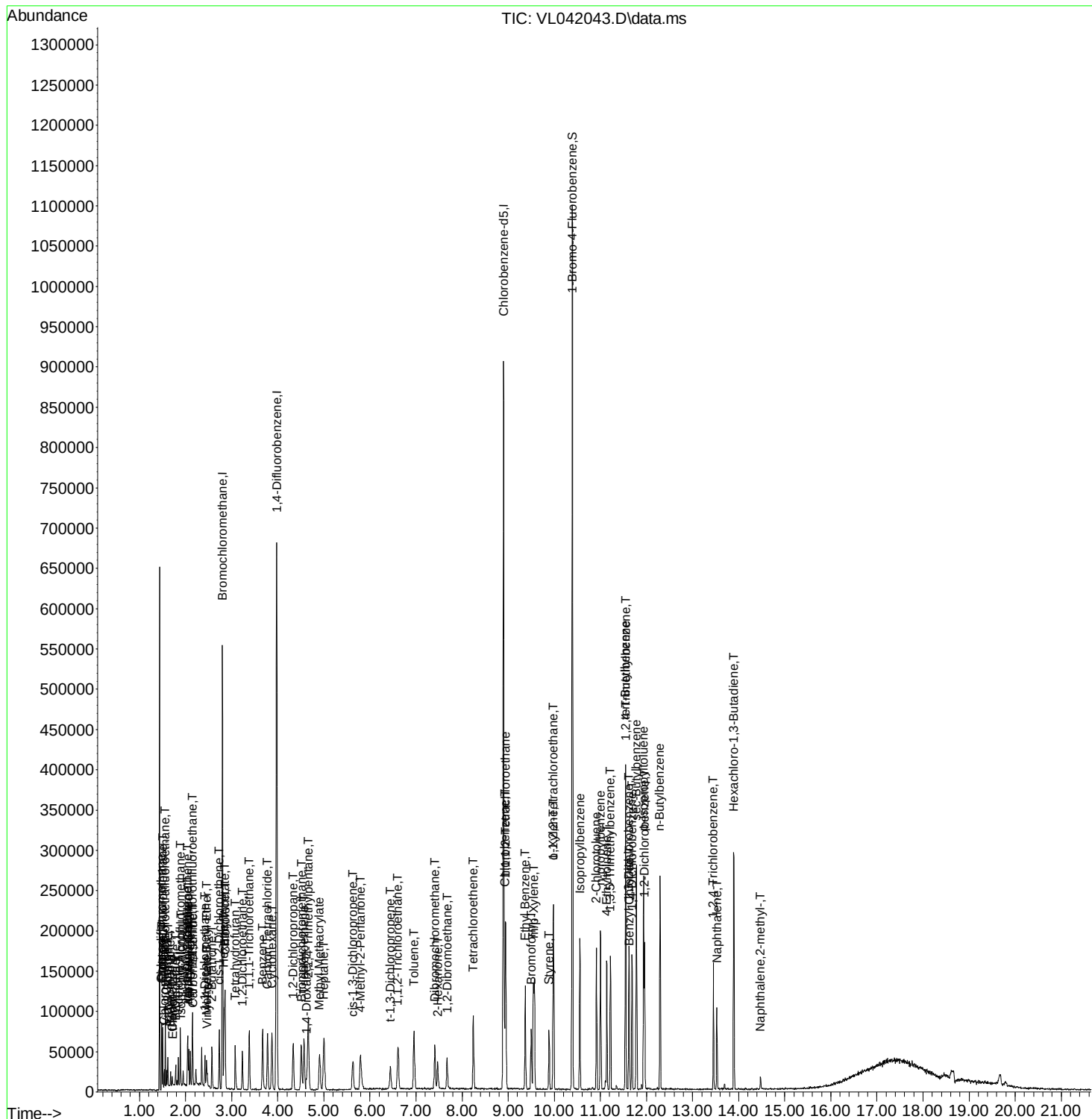
Response via : Initial Calibration

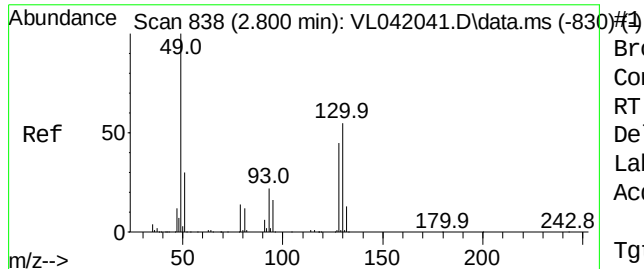
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Methyl Methacrylate	4.907	69	17679	0.756	ppbv	99
44) 2,2,4-Trimethylpentane	4.661	57	81921	0.941	ppbv	98
45) t-1,3-Dichloropropene	6.444	75	8303	0.376	ppbv #	83
46) cis-1,3-Dichloropropene	5.632	75	5320	0.190	ppbv #	1
47) 1,1,2-Trichloroethane	6.606	97	9420	0.476	ppbv	93
48) Dibromochloromethane	7.412	129	28239	0.852	ppbv	97
49) Bromoform	9.500	173	23310	0.858	ppbv	94
50) 4-Methyl-2-Pentanone	5.791	43	16703	0.298	ppbv #	38
51) 2-Hexanone	7.470	43	24117	0.527	ppbv #	97
52) Tetrachloroethene	8.241	164	16217	0.907	ppbv	89
53) Toluene	6.959	91	51231	0.838	ppbv	99
54) 1,2-Dibromoethane	7.674	107	23427	0.860	ppbv	94
56) 1,1,1,2-Tetrachloroethane	8.943	131	22060	0.833	ppbv	97
57) Chlorobenzene	8.937	112	41173	0.946	ppbv	96
58) Ethyl Benzene	9.370	91	70507	0.871	ppbv	97
59) m/p-Xylene	9.548	91	61567	0.965	ppbv #	100
60) o-Xylene	9.979	91	57322	0.889	ppbv	99
61) Styrene	9.885	104	26596	0.865	ppbv	98
62) Isopropylbenzene	10.555	105	86533	0.894	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.979	83	38520	0.926	ppbv	98
64) n-propylbenzene	11.002	120	22456	0.944	ppbv	94
65) tert-Butylbenzene	11.545	119	83284	0.987	ppbv	99
66) Benzyl Chloride	11.626	91	3586	0.424	ppbv #	65
67) sec-Butylbenzene	11.782	105	119435	1.007	ppbv	99
69) p-Isopropyltoluene	11.940	119	93710	0.966	ppbv	99
70) n-Butylbenzene	12.293	91	94969	0.993	ppbv	98
71) 2-Chlorotoluene	10.914	91	67655	0.928	ppbv	98
72) 4-Ethyltoluene	11.137	105	71906	0.952	ppbv	99
73) 1,3,5-Trimethylbenzene	11.215	105	64087	0.983	ppbv	96
74) 1,2,4-Trimethylbenzene	11.549	105	73323	1.048	ppbv	100
75) 1,3-Dichlorobenzene	11.620	146	41063	1.091	ppbv	99
76) 1,4-Dichlorobenzene	11.685	146	39235	1.068	ppbv	99
77) 1,2-Dichlorobenzene	11.960	146	40574	1.127	ppbv	98
78) Hexachloro-1,3-Butadiene	13.895	225	30764	1.033	ppbv	99
79) Naphthalene	13.526	128	45743	0.665	ppbv	98
80) Naphthalene,2-methyl-	14.471	142	5244	0.168	ppbv	94
81) 1,2,4-Trichlorobenzene	13.452	180	25404	0.908	ppbv	95

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

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Quant Time: Feb 25 10:27:35 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 10:15:00 2025
Response via : Initial Calibration

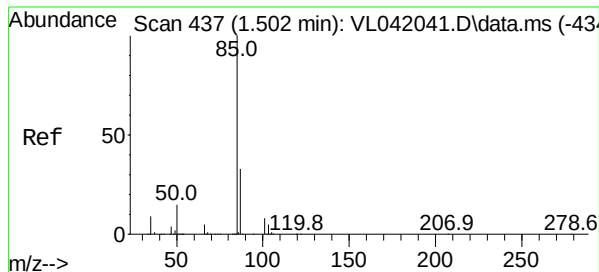
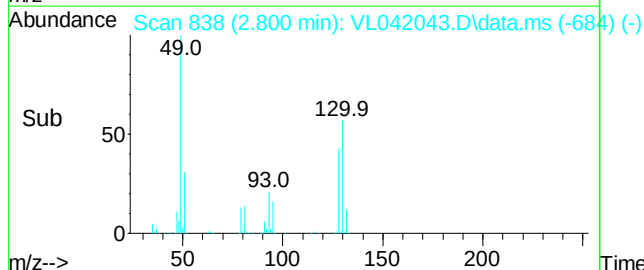
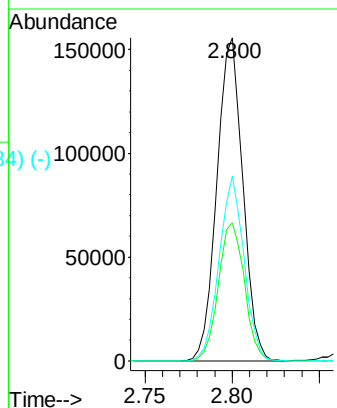
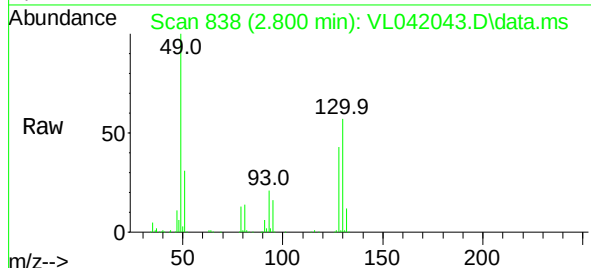




Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan#
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

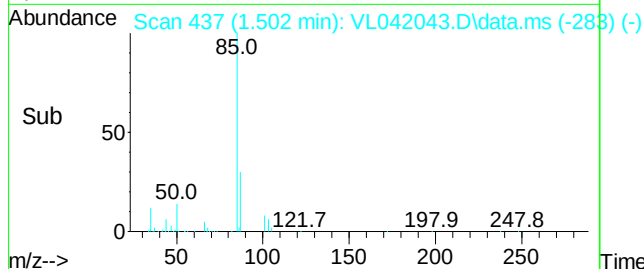
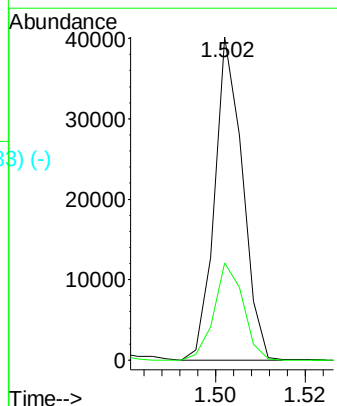
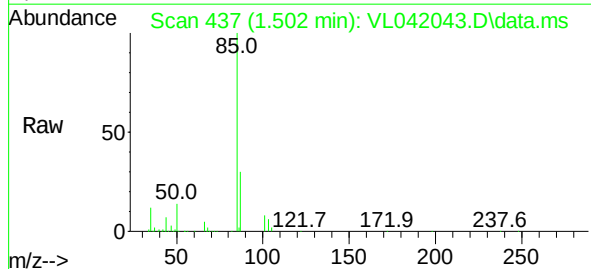
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

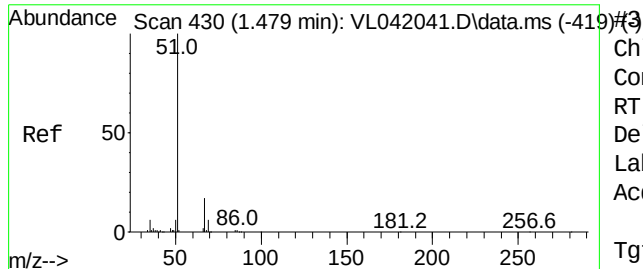
Tgt Ion: 49 Resp: 161096
Ion Ratio Lower Upper
49 100
128 42.9 21.6 64.8
130 55.0 27.8 83.4



Dichlorodifluoromethane
Concen: 0.629 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

Tgt Ion: 85 Resp: 17457
Ion Ratio Lower Upper
85 100
87 30.1 26.4 39.6

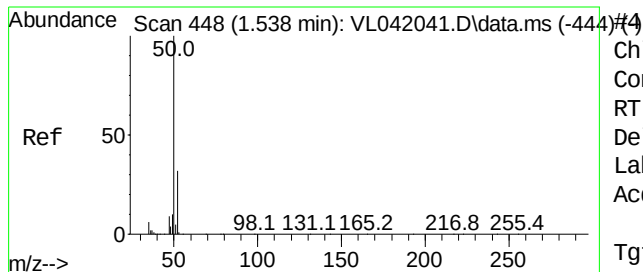
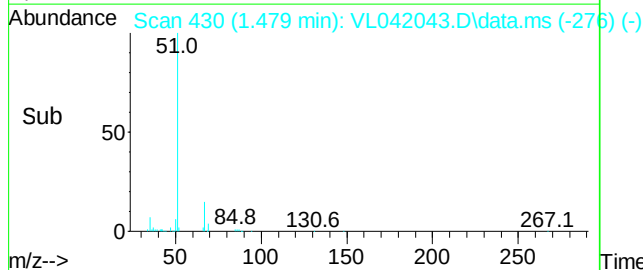
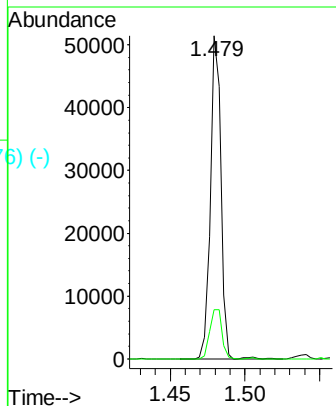
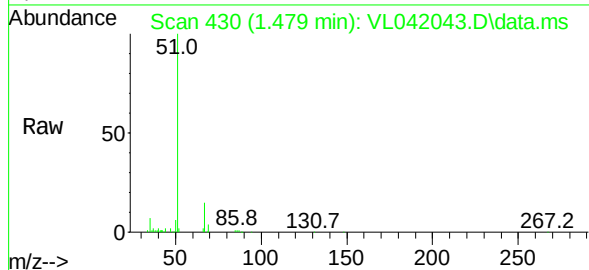




Chlorodifluoromethane
Concen: 0.823 ppbv
RT: 1.479 min Scan#
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

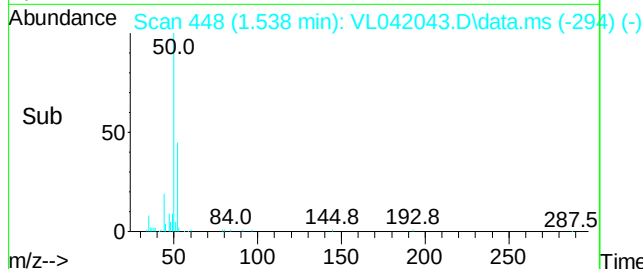
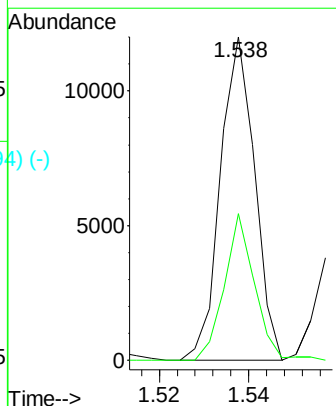
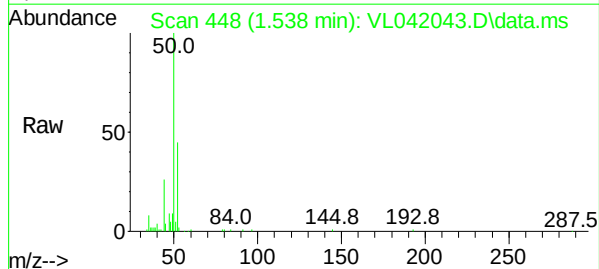
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

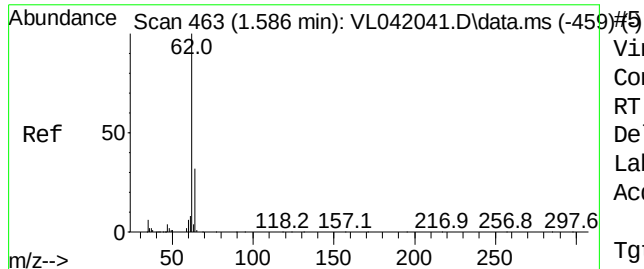
Tgt Ion: 51 Resp: 25229
Ion Ratio Lower Upper
51 100
67 17.9 13.7 20.5



Chloromethane
Concen: 0.595 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

Tgt Ion: 50 Resp: 6417
Ion Ratio Lower Upper
50 100
52 45.3 25.4 38.0#

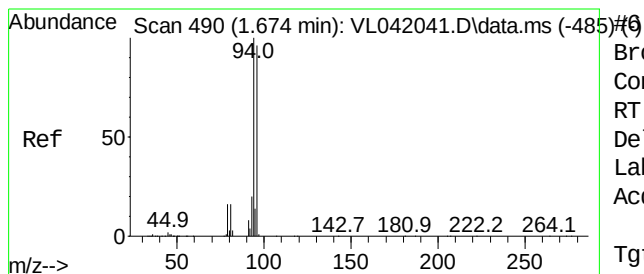
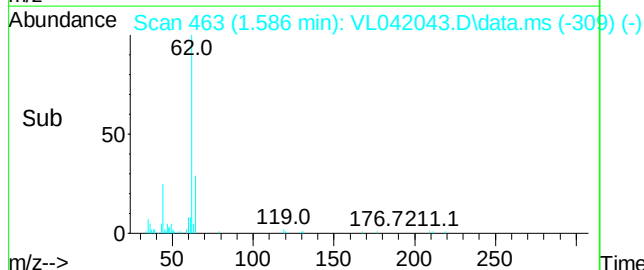
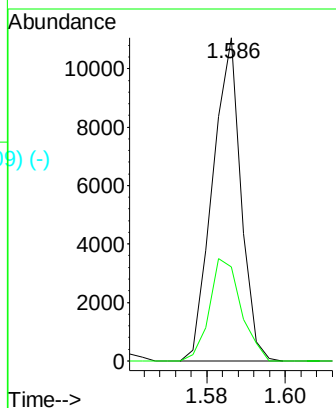
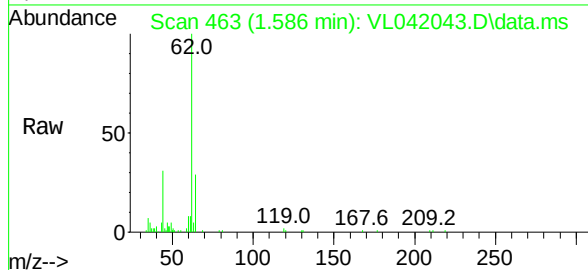




Vinyl Chloride
 Concen: 0.432 ppbv
 RT: 1.586 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

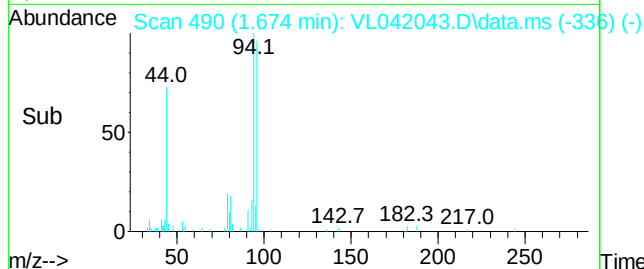
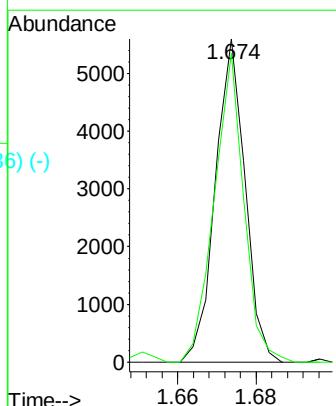
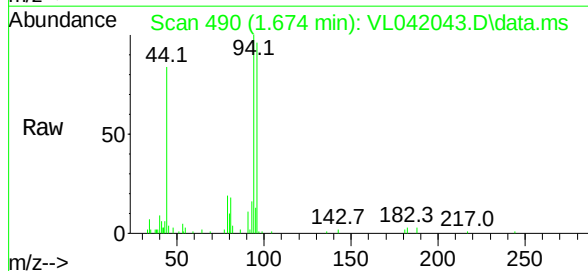
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

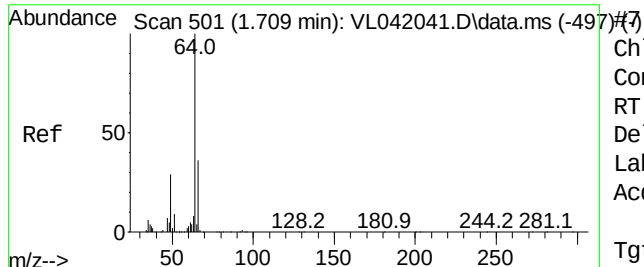
Tgt Ion: 62 Resp: 5567
 Ion Ratio Lower Upper
 62 100
 64 29.2 25.3 37.9



Bromomethane
 Concen: 0.594 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

Tgt Ion: 94 Resp: 2966
 Ion Ratio Lower Upper
 94 100
 96 95.7 76.5 114.7

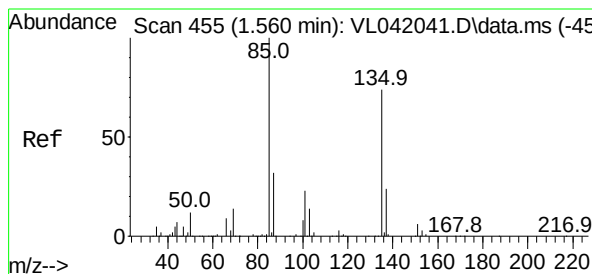
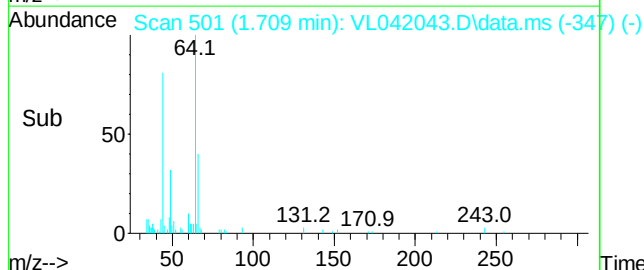
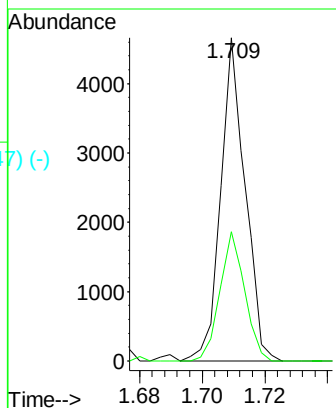
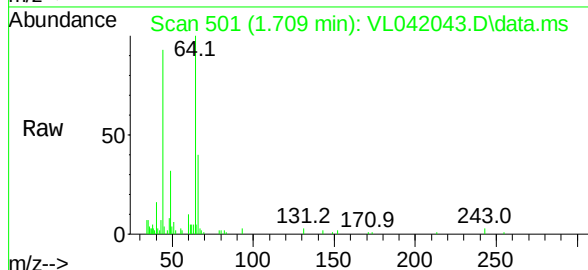




Chloroethane
 Concen: 0.605 ppbv
 RT: 1.709 min Scan# 501
 Delta R.T. -0.000 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

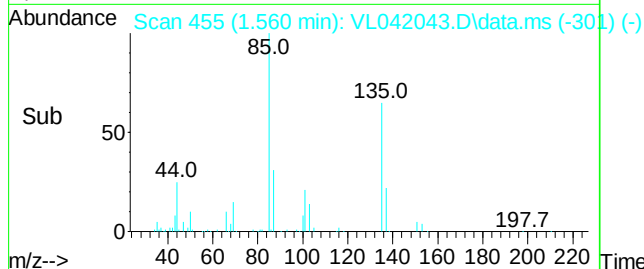
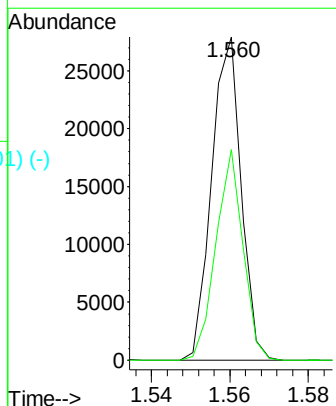
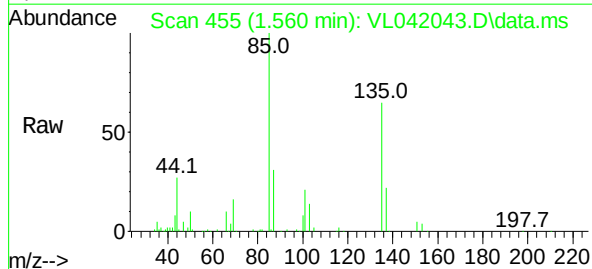
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

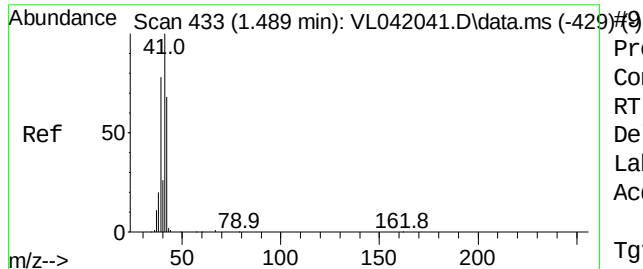
Tgt Ion: 64 Resp: 2542
 Ion Ratio Lower Upper
 64 100
 66 37.9 28.4 42.6



Dichlorotetrafluoroethane
 Concen: 0.601 ppbv
 RT: 1.560 min Scan# 455
 Delta R.T. -0.000 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

Tgt Ion: 85 Resp: 14655
 Ion Ratio Lower Upper
 85 100
 135 59.9 54.6 81.8

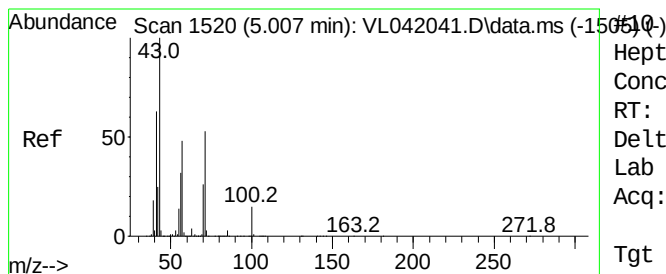
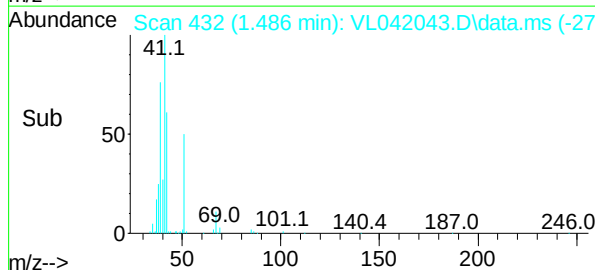
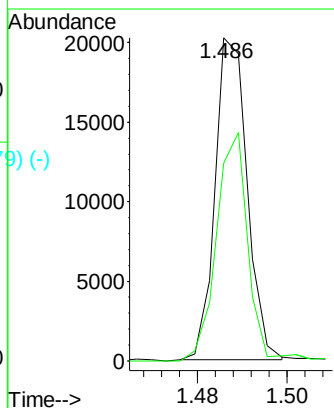
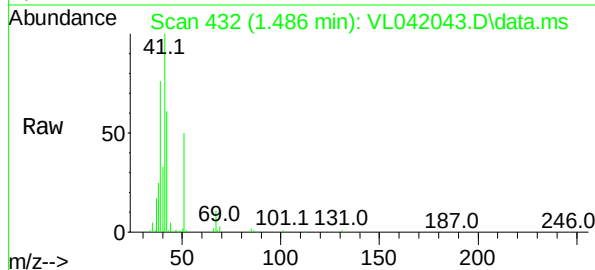




Propene
 Concen: 0.768 ppbv
 RT: 1.486 min Scan#
 Delta R.T. -0.003 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

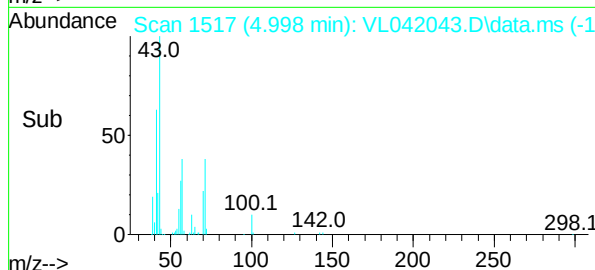
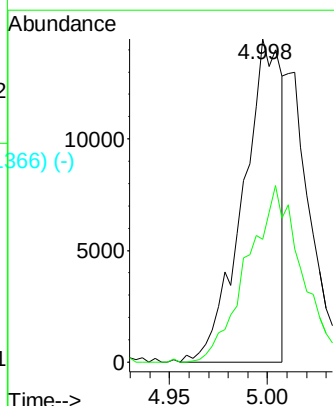
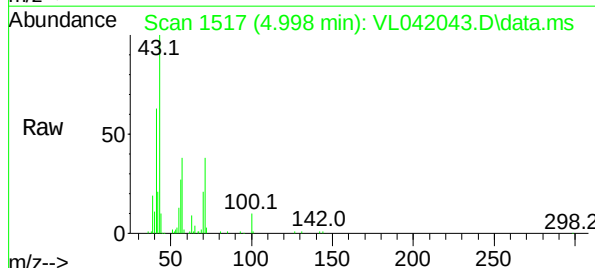
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 41 Resp: 10156
 Ion Ratio Lower Upper
 41 100
 42 72.6 55.8 83.6



Heptane
 Concen: 0.539 ppbv
 RT: 4.998 min Scan# 1517
 Delta R.T. -0.010 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

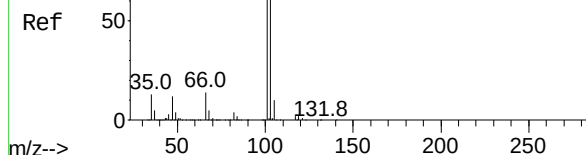
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 Ion Ratio Lower Upper
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 57 77.2 39.4 59.0#



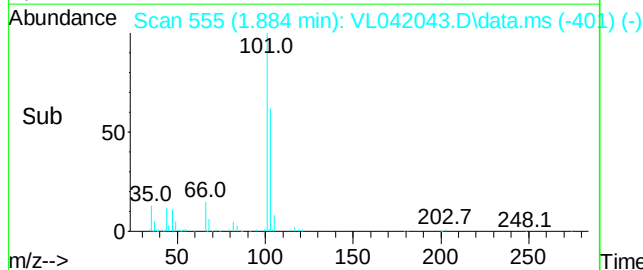
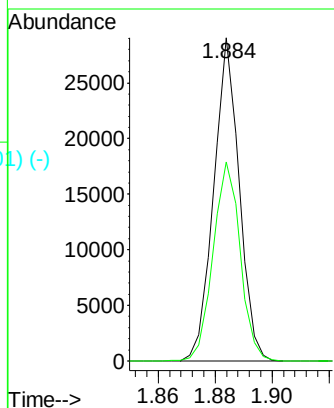
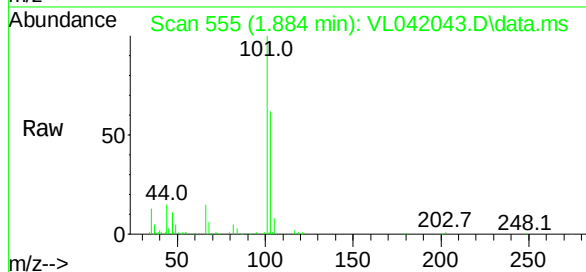
Abundance Scan 555 (1.884 min): VL042041.D\data.ms (-549) #11

Trichlorofluoromethane
Concen: 0.648 ppbv
RT: 1.884 min Scan# 555
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001



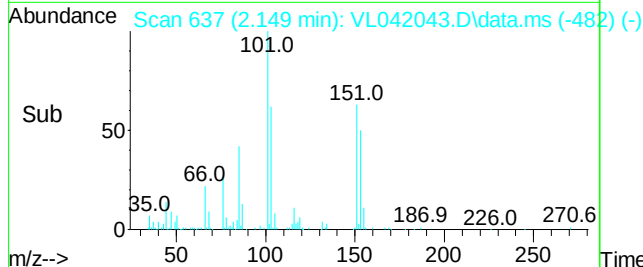
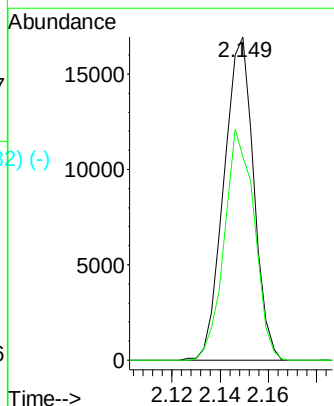
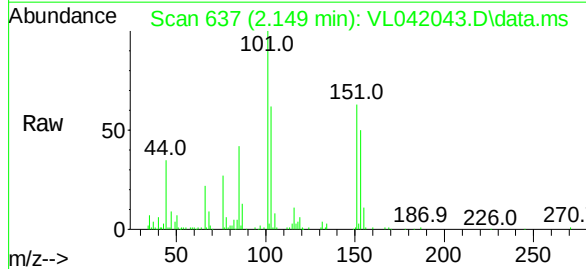
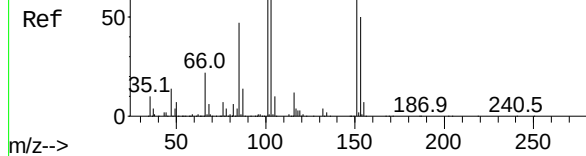
Tgt Ion:101 Resp: 18079
Ion Ratio Lower Upper
101 100
103 61.5 50.6 75.8

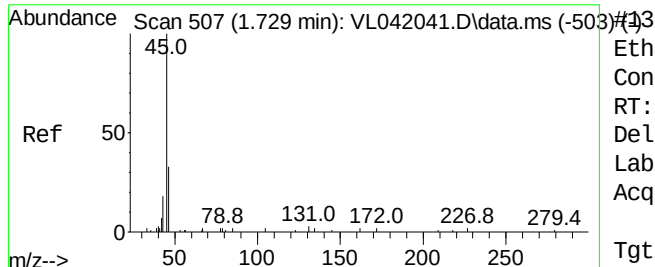


Abundance Scan 636 (2.146 min): VL042041.D\data.ms (-629) #12

1,1,2-Trichlorotrifluoroethane
Concen: 0.667 ppbv
RT: 2.149 min Scan# 637
Delta R.T. 0.003 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

Tgt Ion:101 Resp: 14527
Ion Ratio Lower Upper
101 100
151 71.7 62.6 94.0

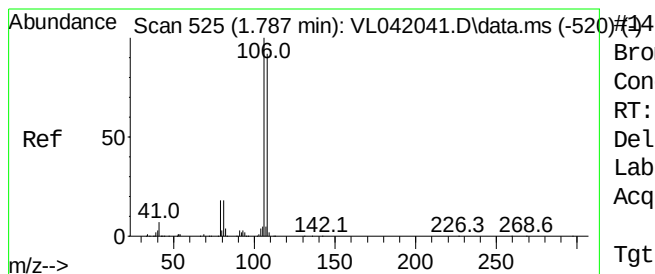
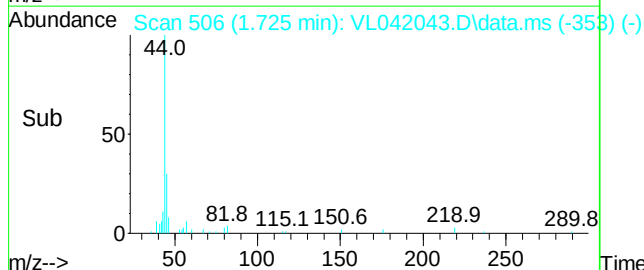
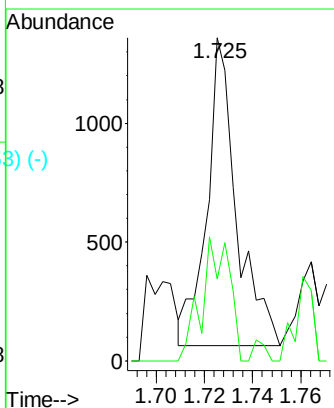
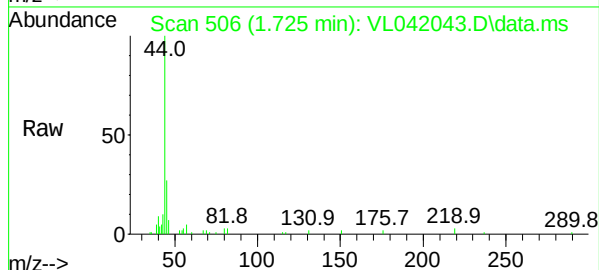




Ethanol
 Concen: 0.743 ppbv
 RT: 1.725 min Scan#
 Delta R.T. -0.003 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

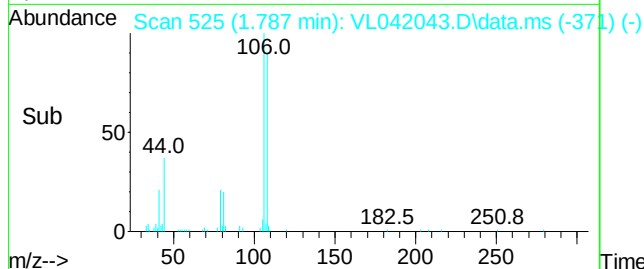
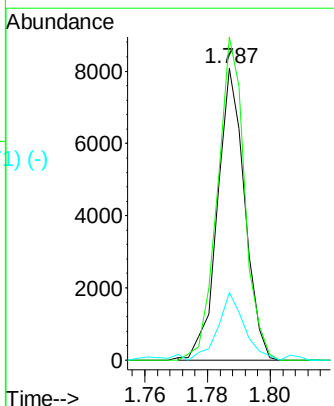
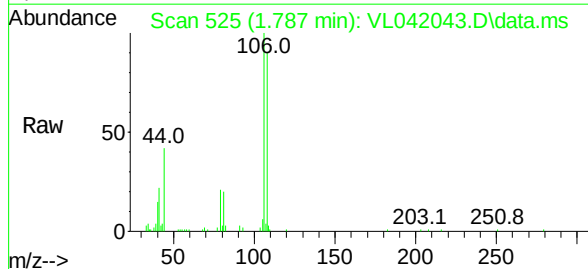
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

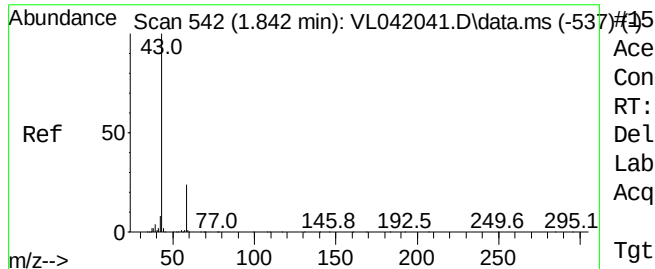
Tgt Ion: 45 Resp: 1108
 Ion Ratio Lower Upper
 45 100
 46 37.1 17.1 68.3



Bromoethene
 Concen: 0.604 ppbv
 RT: 1.787 min Scan# 525
 Delta R.T. -0.000 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

Tgt Ion: 108 Resp: 4905
 Ion Ratio Lower Upper
 108 100
 106 110.4 85.4 128.0
 79 24.9 16.5 24.7#

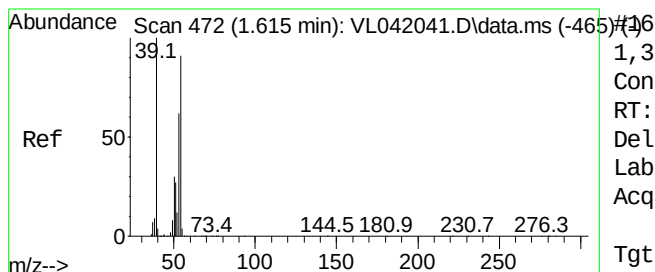
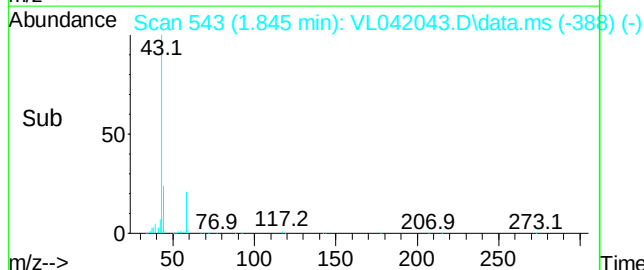
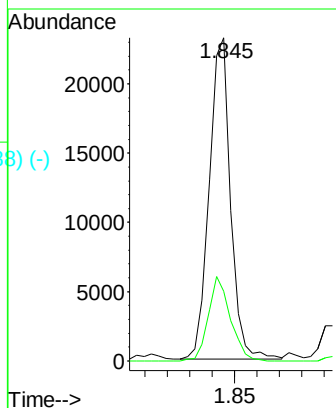
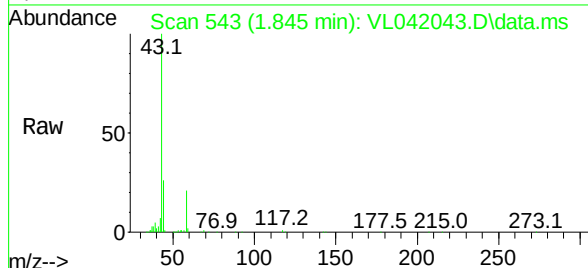




Acetone
Concen: 0.582 ppbv
RT: 1.845 min Scan# 543
Delta R.T. 0.003 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

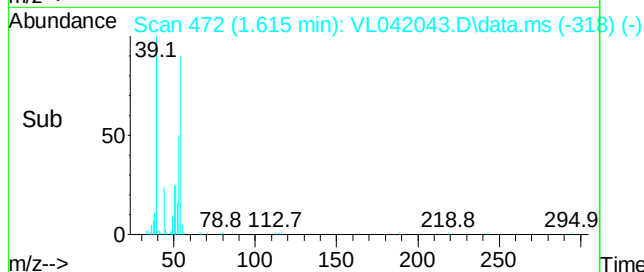
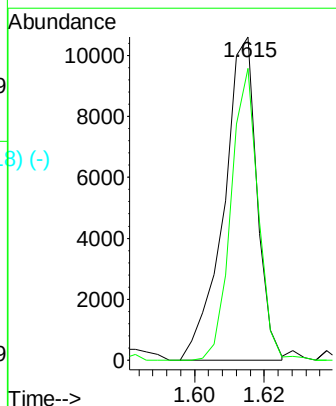
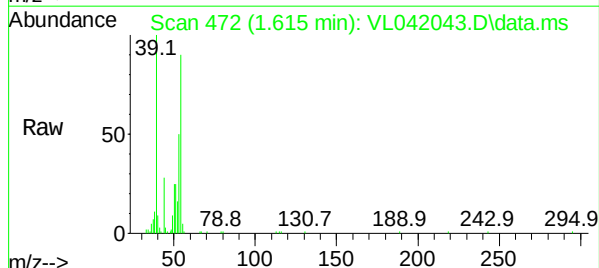
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 15468
Ion Ratio Lower Upper
43 100
58 27.1 20.7 31.1



1,3-Butadiene
Concen: 0.556 ppbv
RT: 1.615 min Scan# 472
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

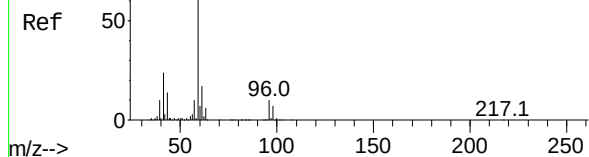
Tgt Ion: 39 Resp: 7010
Ion Ratio Lower Upper
39 100
54 74.0 59.6 89.4



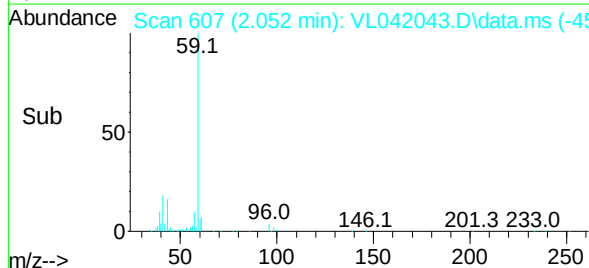
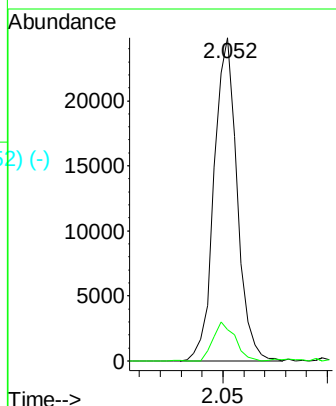
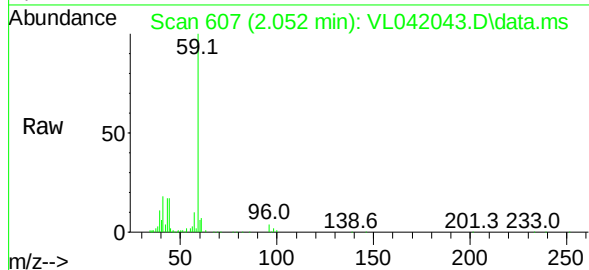
Abundance Scan 606 (2.049 min): VL042041.D\data.ms (-599) #17

tert-Butyl alcohol
Concen: 0.580 ppbv
RT: 2.052 min Scan#
Delta R.T. 0.003 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001



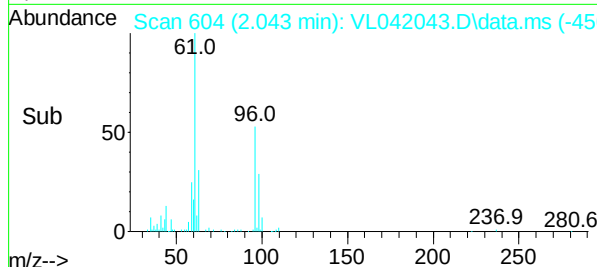
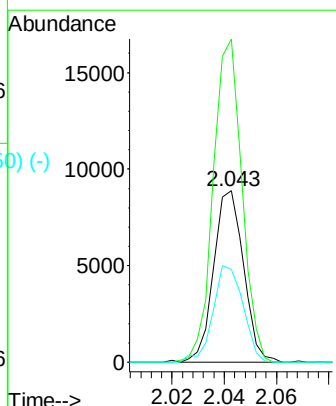
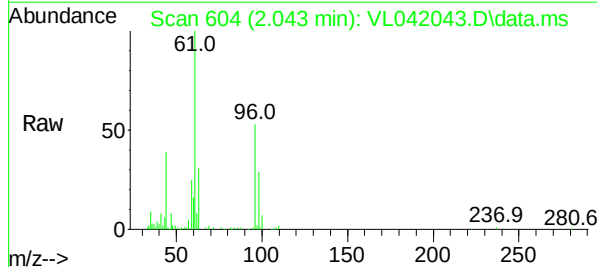
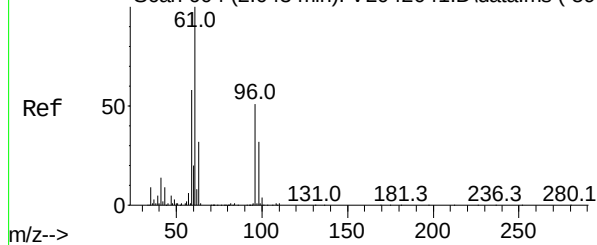
Tgt Ion	Ratio	Lower	Upper
59	100		
57	12.6	9.3	13.9



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

1,1-Dichloroethene
Concen: 0.677 ppbv
RT: 2.043 min Scan# 604
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

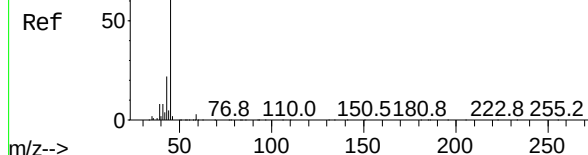
Tgt Ion	Ratio	Lower	Upper
96	100		
61	188.5	156.0	234.0
98	53.9	49.4	74.2



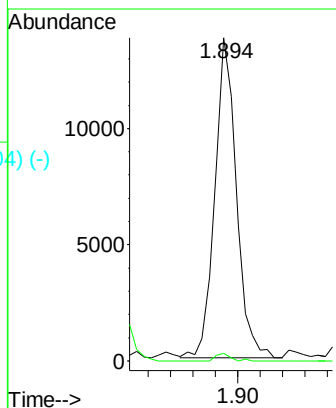
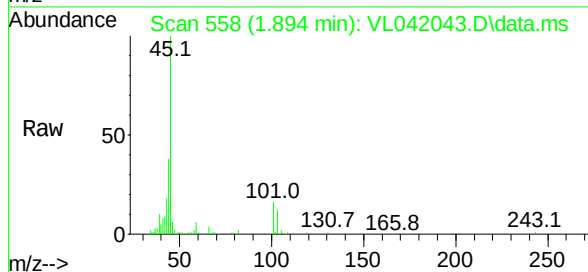
Abundance Scan 558 (1.894 min): VL042041.D\data.ms (-553) #19

Isopropyl Alcohol
Concen: 0.616 ppbv
RT: 1.894 min Scan#
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

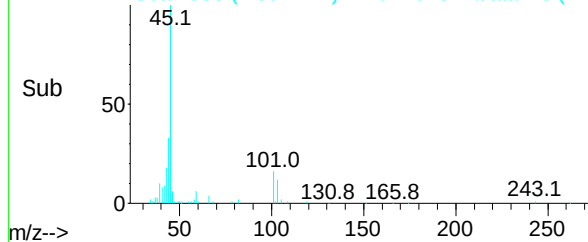
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001



Tgt Ion: 45 Resp: 9191
Ion Ratio Lower Upper
45 100
58 0.0 35.3 52.9#



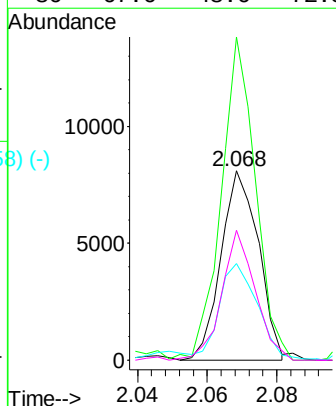
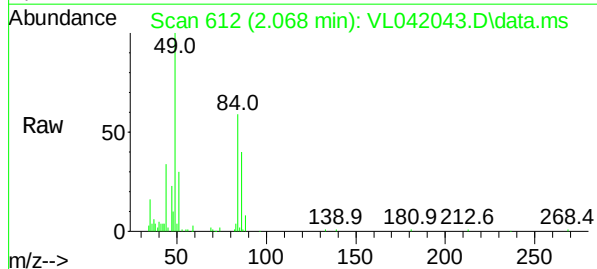
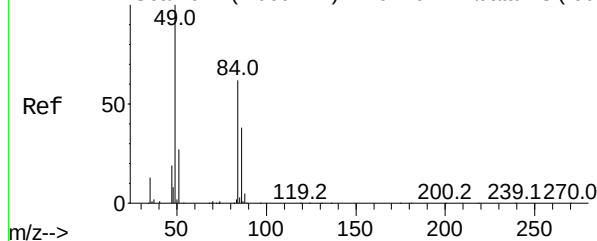
Abundance Scan 558 (1.894 min): VL042043.D\data.ms (-404) (-)



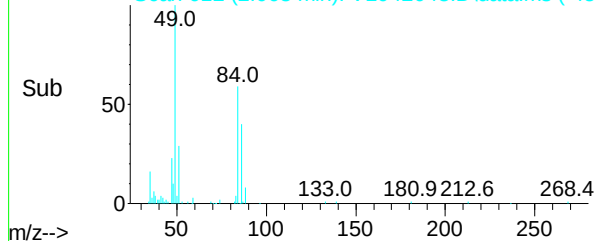
Abundance Scan 612 (2.069 min): VL042041.D\data.ms (-606) #20

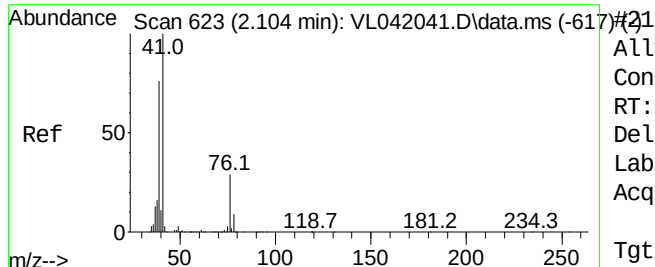
Methylene Chloride
Concen: 0.602 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

Tgt Ion: 84 Resp: 6026
Ion Ratio Lower Upper
84 100
49 167.5 130.0 195.0
51 48.3 37.4 56.0
86 67.6 48.6 72.8



Abundance Scan 612 (2.068 min): VL042043.D\data.ms (-458) (-)





Allyl Chloride

Concen: 0.600 ppbv

RT: 2.104 min Scan#

Delta R.T. -0.000 min

Lab File: VL042043.D

Acq: 25 Feb 2025 10:00

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC001

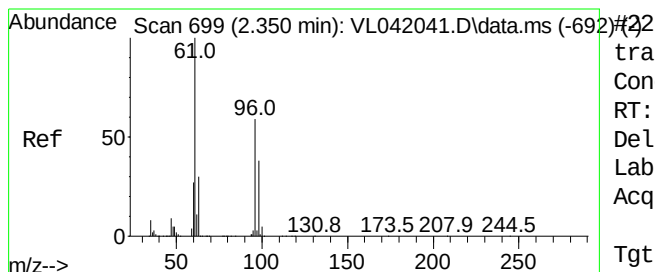
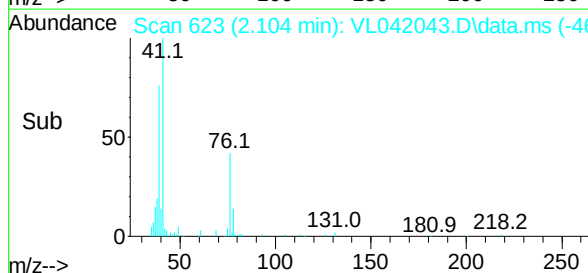
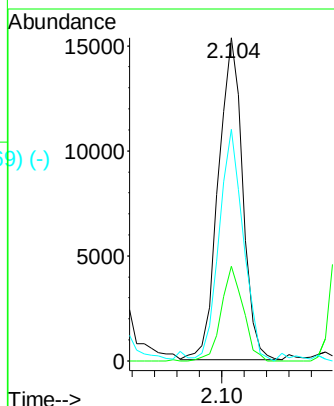
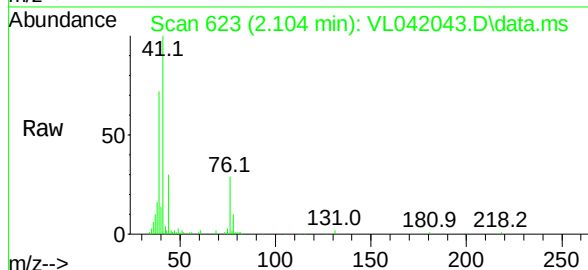
Tgt Ion: 41 Resp: 11550

Ion Ratio Lower Upper

41 100

76 26.6 23.8 35.6

39 75.1 63.8 95.6



trans-1,2-Dichloroethene

Concen: 0.624 ppbv

RT: 2.043 min Scan# 604

Delta R.T. -0.308 min

Lab File: VL042043.D

Acq: 25 Feb 2025 10:00

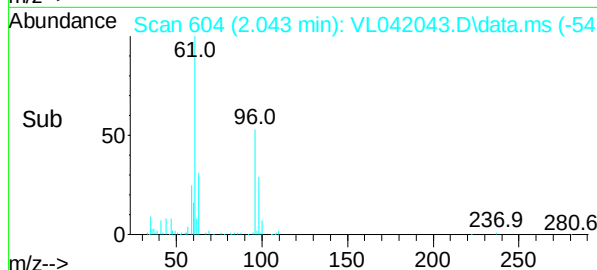
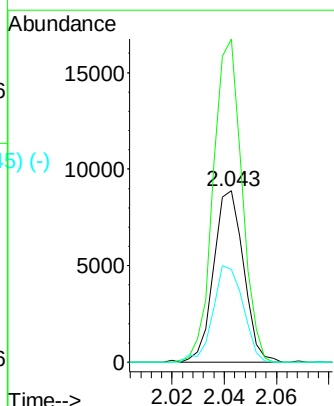
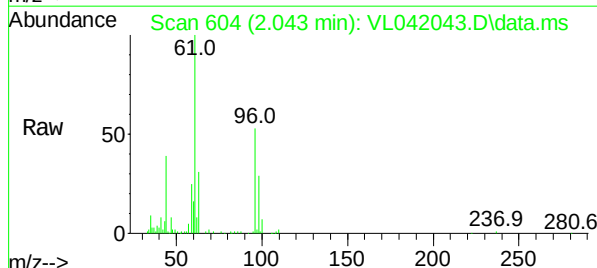
Tgt Ion: 96 Resp: 7042

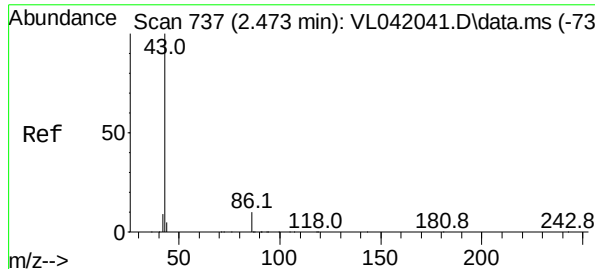
Ion Ratio Lower Upper

96 100

61 188.5 136.6 205.0

98 53.9 51.8 77.6

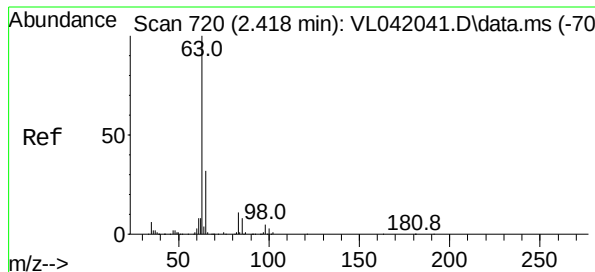
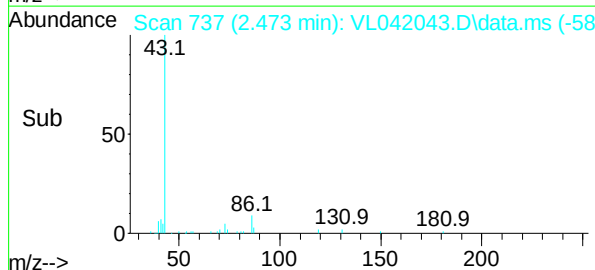
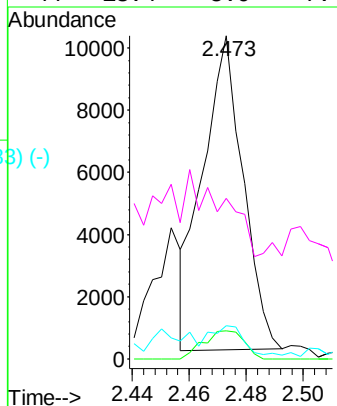
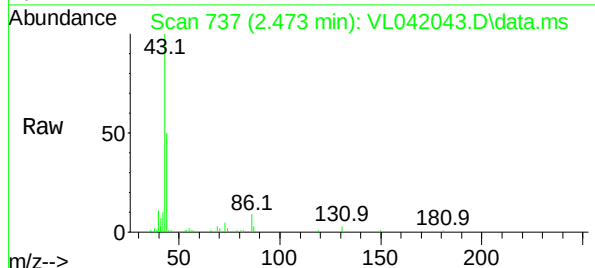




Vinyl Acetate
 Concen: 0.687 ppbv
 RT: 2.473 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

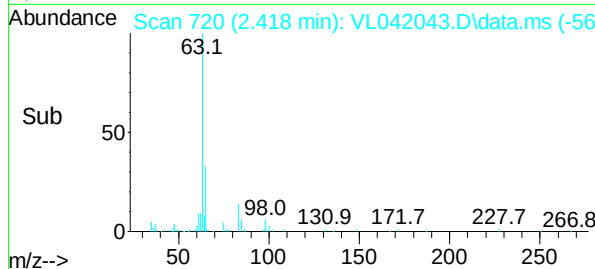
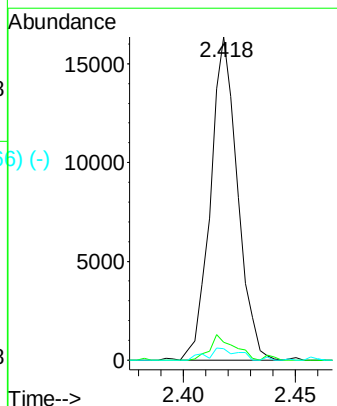
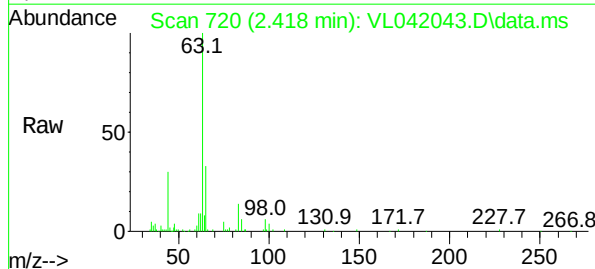
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

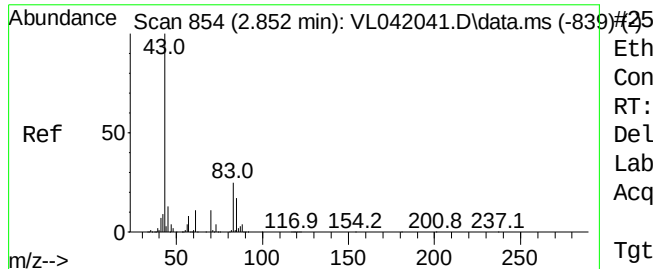
Tgt Ion:	43	Resp:	9893
Ion	Ratio	Lower	Upper
43	100		
86	9.0	7.0	10.4
42	9.5	7.6	11.4
44	18.4	5.0	7.4#



1,1-Dichloroethane
 Concen: 0.601 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.000 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

Tgt Ion:	63	Resp:	13783
Ion	Ratio	Lower	Upper
63	100		
98	5.6	2.4	7.2
100	3.6	1.7	5.0

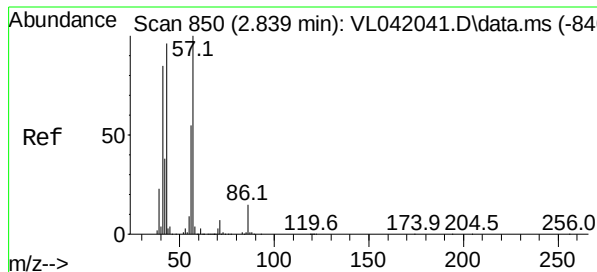
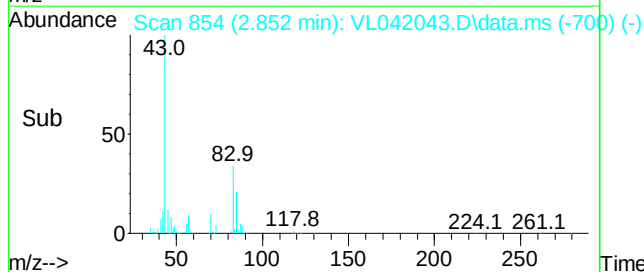
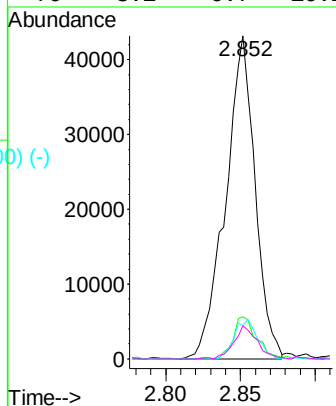
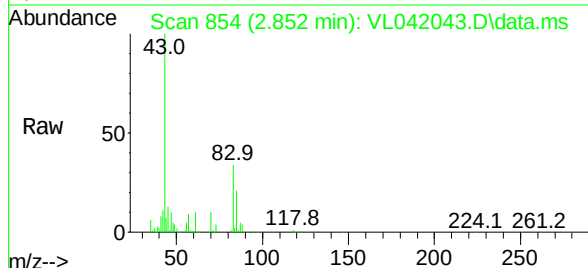




Ethyl Acetate
 Concen: 0.811 ppbv
 RT: 2.852 min Scan# 25
 Delta R.T. -0.000 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

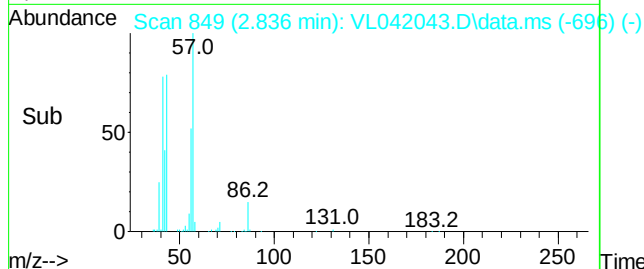
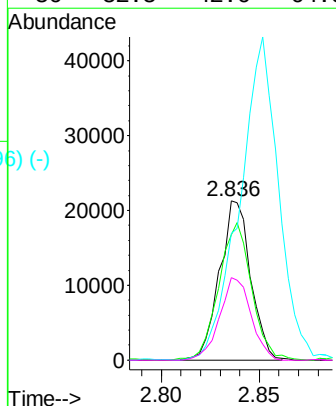
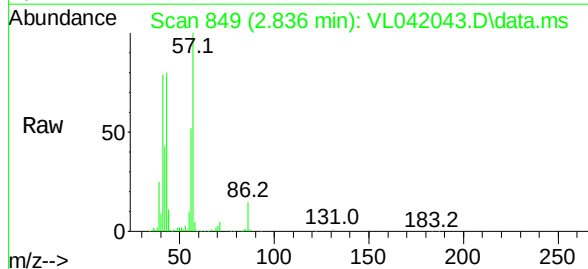
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

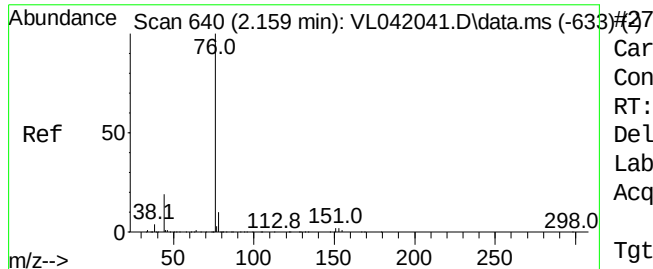
Tgt Ion:	43	Resp:	59183
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.1	12.1
61	9.7	7.2	10.8
70	8.2	6.7	10.1



Hexane
 Concen: 0.804 ppbv
 RT: 2.836 min Scan# 849
 Delta R.T. -0.003 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

Tgt Ion:	57	Resp:	23549
Ion	Ratio	Lower	Upper
57	100		
41	92.1	70.6	106.0
43	256.7	199.4	299.0
56	52.5	42.6	64.0

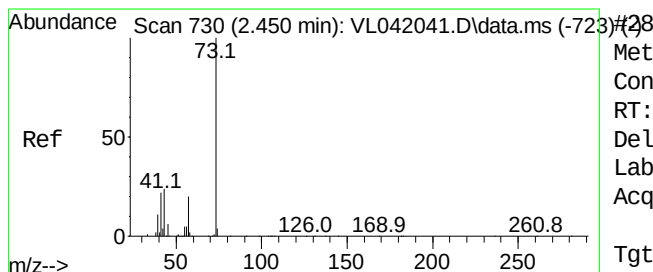
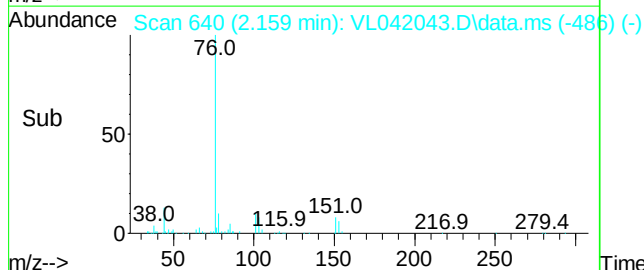
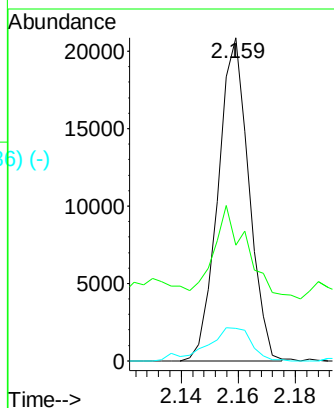
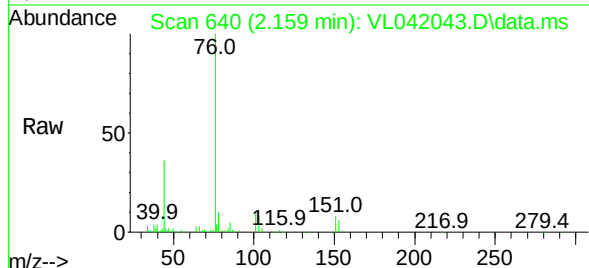




Carbon Disulfide
 Concen: 0.568 ppbv
 RT: 2.159 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

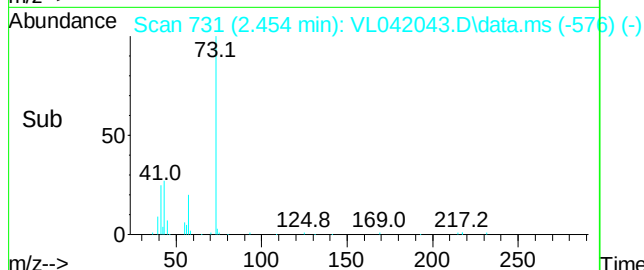
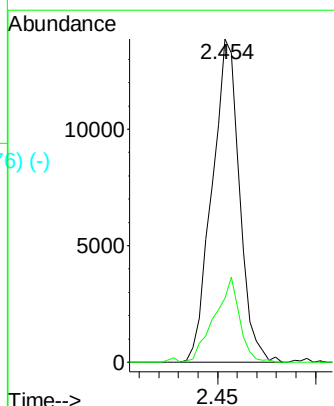
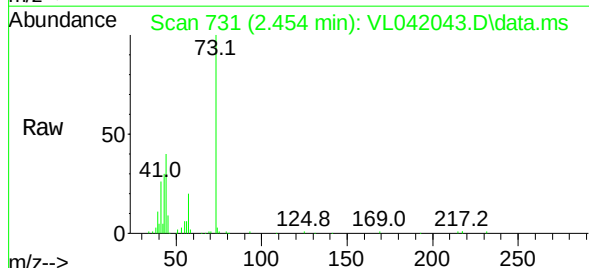
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

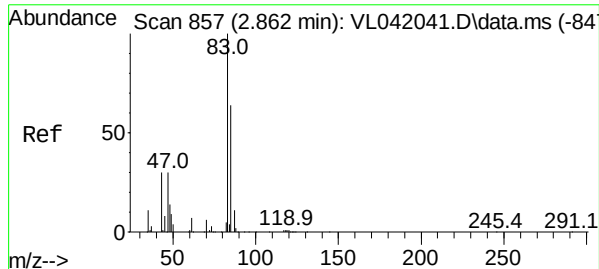
Tgt Ion: 76 Resp: 15659
 Ion Ratio Lower Upper
 76 100
 44 57.5 16.2 24.2#
 78 14.7 9.4 14.0#



Methyl tert-Butyl Ether
 Concen: 0.759 ppbv
 RT: 2.454 min Scan# 731
 Delta R.T. 0.003 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

Tgt Ion: 73 Resp: 13593
 Ion Ratio Lower Upper
 73 100
 57 24.5 17.7 26.5

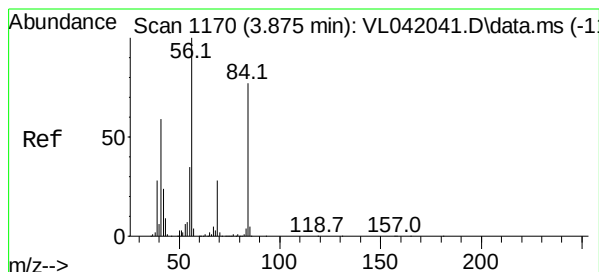
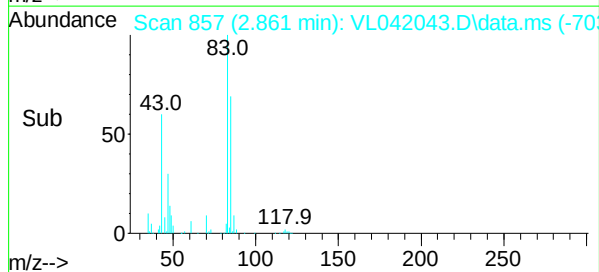
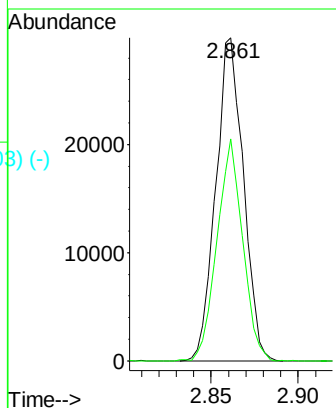
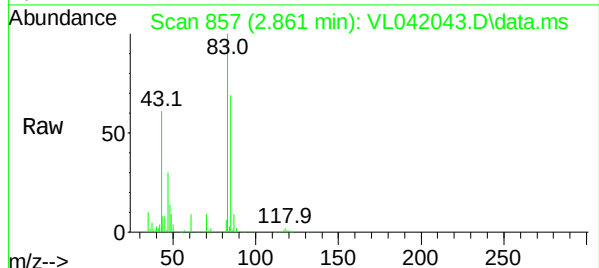




#29
Chloroform
Concen: 0.776 ppbv
RT: 2.861 min Scan#
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

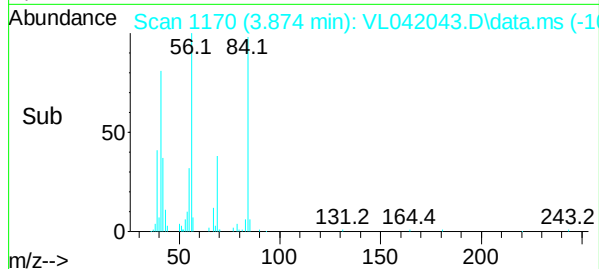
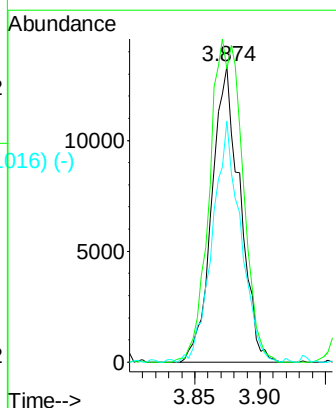
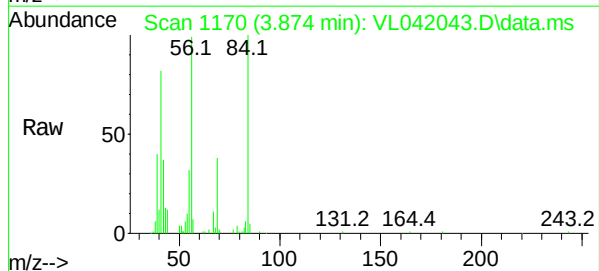
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 32925
Ion Ratio Lower Upper
83 100
85 68.5 51.2 76.8



#30
Cyclohexane
Concen: 0.840 ppbv
RT: 3.874 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

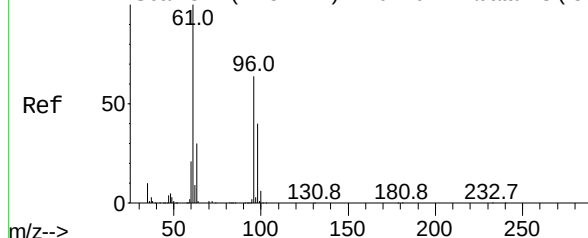
Tgt Ion: 84 Resp: 19953
Ion Ratio Lower Upper
84 100
56 129.3 101.5 152.3
41 82.1 62.6 93.8



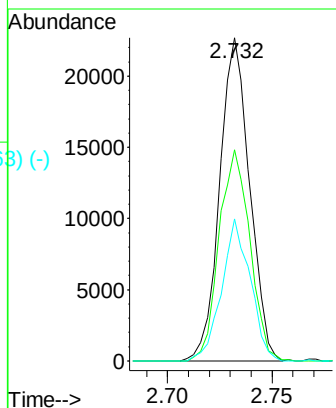
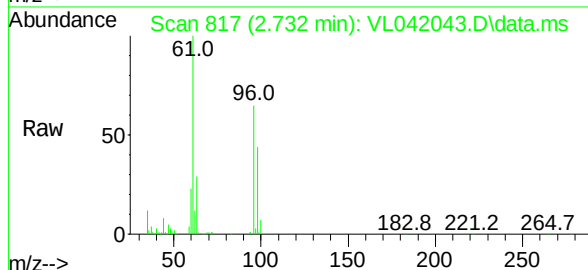
Abundance Scan 817 (2.732 min): VL042041.D\data.ms (-809) #31

cis-1,2-Dichloroethene
Concen: 0.780 ppbv
RT: 2.732 min Scan#
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

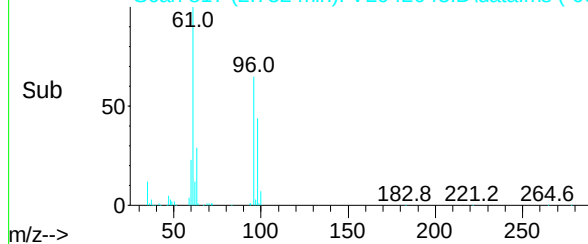
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:	61	Resp:	22565
Ion	Ratio	Lower	Upper
61	100		
96	65.3	51.5	77.3
98	43.9	32.0	48.0



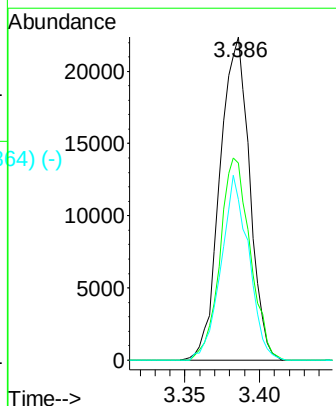
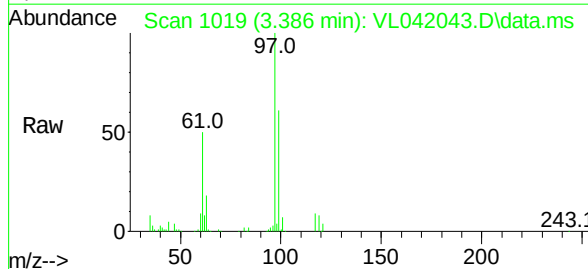
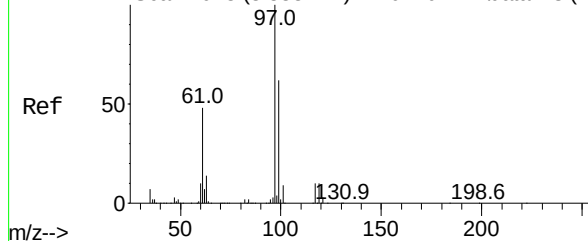
Abundance Scan 817 (2.732 min): VL042043.D\data.ms (-668) (-)



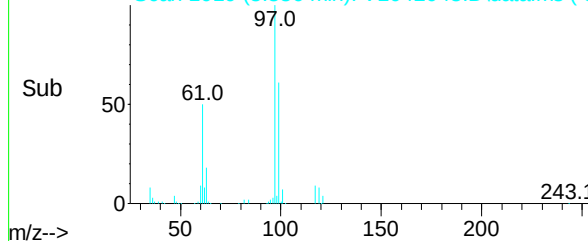
Abundance Scan 1018 (3.383 min): VL042041.D\data.ms (-1063) #32

1,1,1-Trichloroethane
Concen: 0.656 ppbv
RT: 3.386 min Scan# 1019
Delta R.T. 0.003 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

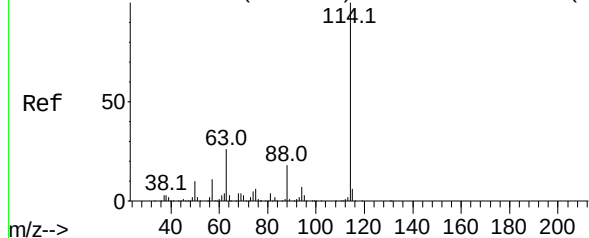
Tgt Ion:	97	Resp:	30870
Ion	Ratio	Lower	Upper
97	100		
99	63.6	49.8	74.6
61	53.1	38.9	58.3



Abundance Scan 1019 (3.386 min): VL042043.D\data.ms (-864) (-)



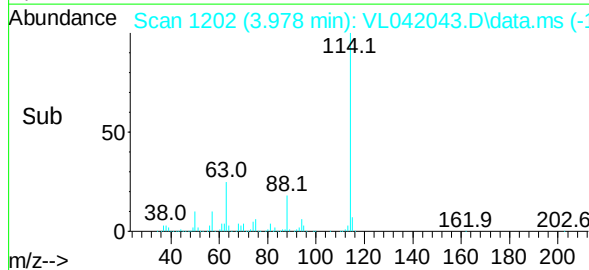
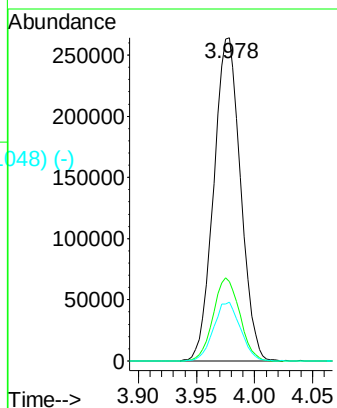
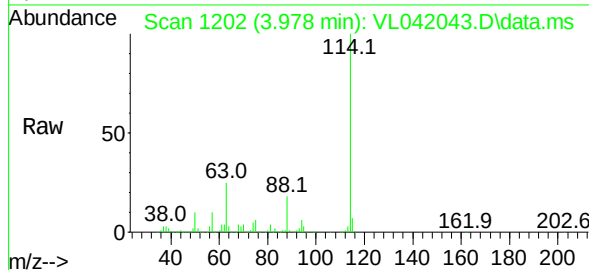
Abundance Scan 1202 (3.978 min): VL042041.D\data.ms (-11853)



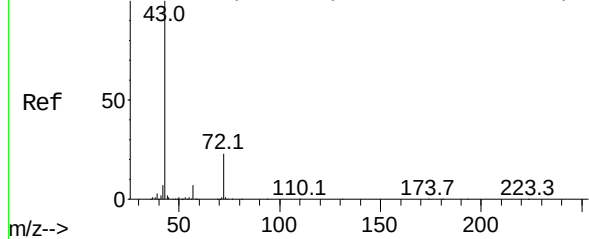
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan#
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

Tgt Ion:	114	Resp:	423363
Ion	Ratio	Lower	Upper
114	100		
63	25.5	20.1	30.1
88	18.2	14.3	21.5

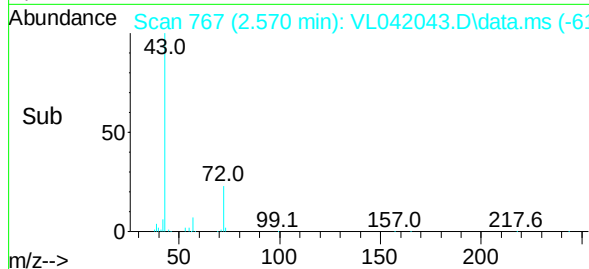
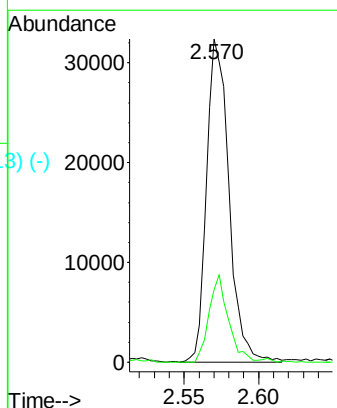
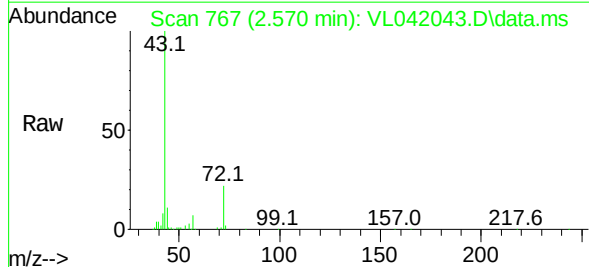


Abundance Scan 767 (2.570 min): VL042041.D\data.ms (-761) #34



2-Butanone
Concen: 0.929 ppbv
RT: 2.570 min Scan# 767
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

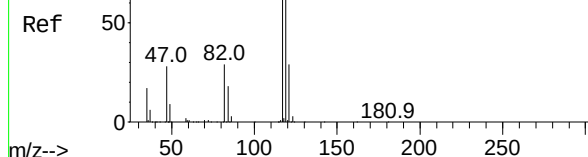
Tgt Ion:	43	Resp:	33820
Ion	Ratio	Lower	Upper
43	100		
72	23.8	18.5	27.7



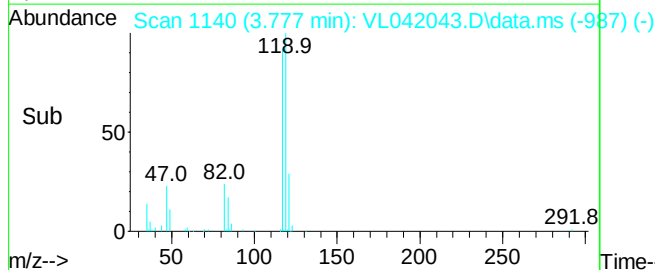
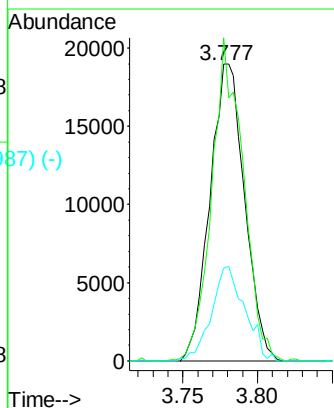
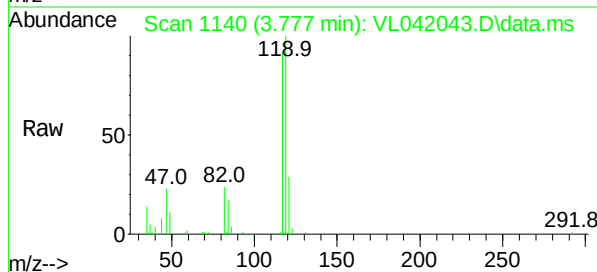
Abundance Scan 1141 (3.781 min): VL042041.D\data.ms (-1126)

Carbon Tetrachloride
Concen: 0.745 ppbv
RT: 3.777 min Scan#
Delta R.T. -0.003 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

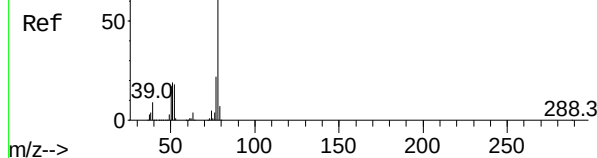


Tgt Ion:	117	Resp:	30618
Ion	Ratio	Lower	Upper
117	100		
119	108.5	77.8	116.8
121	31.3	23.4	35.0

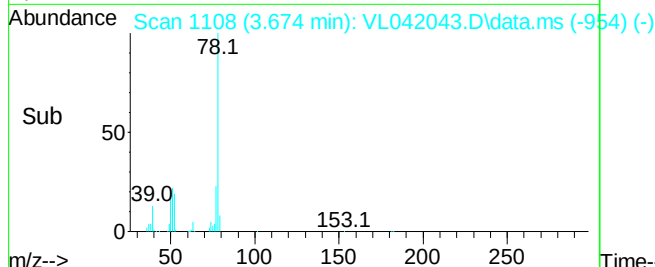
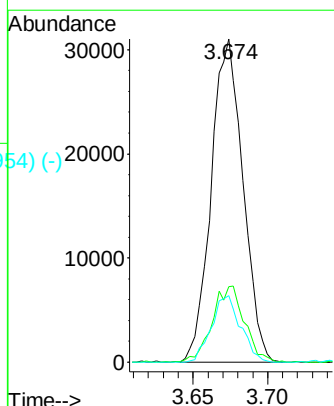
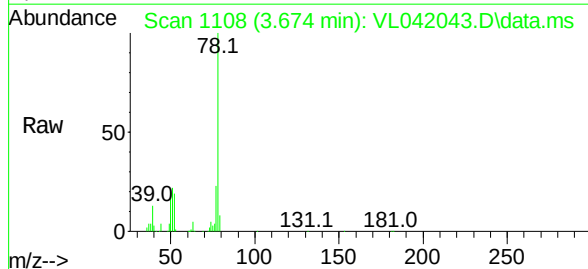


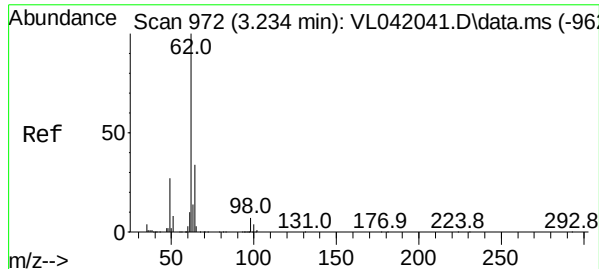
Abundance Scan 1108 (3.674 min): VL042041.D\data.ms (-1096)

Benzene
Concen: 0.895 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00



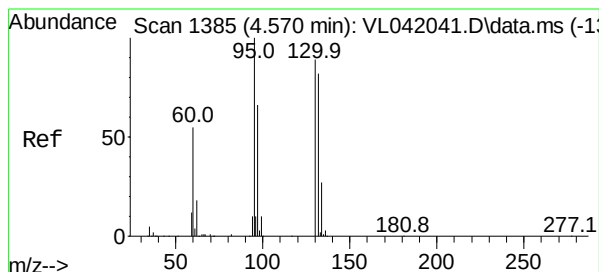
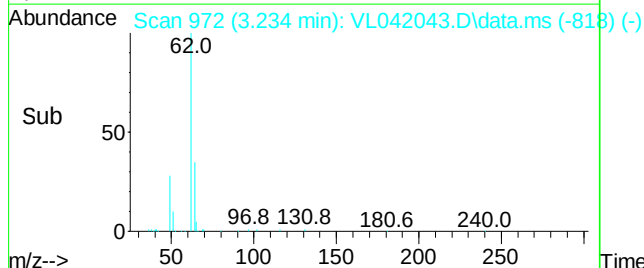
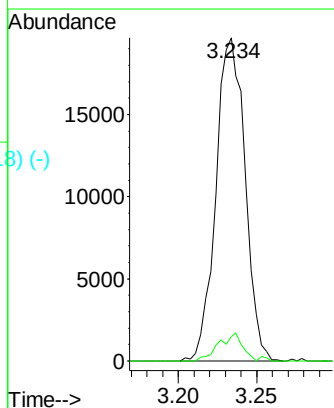
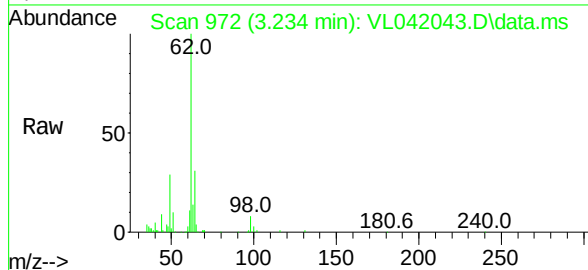
Tgt Ion:	78	Resp:	45892
Ion	Ratio	Lower	Upper
78	100		
77	23.2	17.7	26.5
50	20.5	13.9	20.9





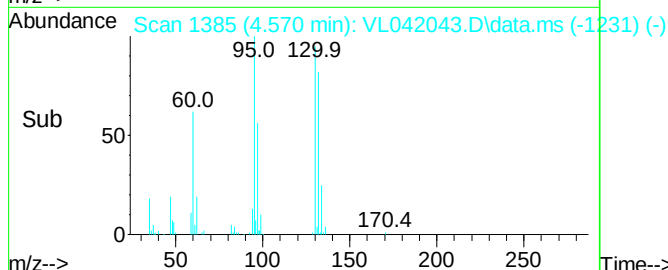
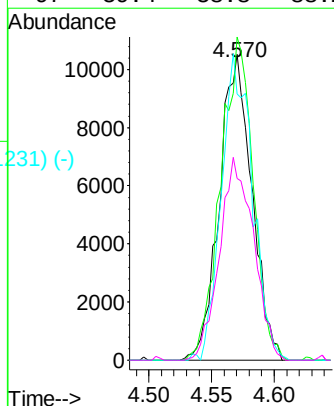
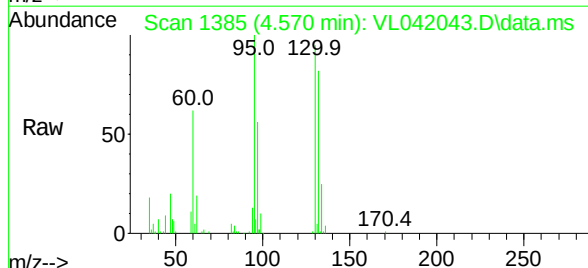
Instrument : MSVOA_L
 ClientSampleId : VSTDIC001
 1,2-Dichloroethane
 Concen: 0.876 ppbv
 RT: 3.234 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

Tgt Ion: 62 Resp: 25585
 Ion Ratio Lower Upper
 62 100
 98 7.4 5.7 8.5



Trichloroethene
 Concen: 0.908 ppbv
 RT: 4.570 min Scan# 1385
 Delta R.T. -0.000 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

Tgt Ion:130 Resp: 18921
 Ion Ratio Lower Upper
 130 100
 95 105.7 89.5 134.3
 132 87.0 73.8 110.6
 97 59.4 58.8 88.2



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

1,2-Dichloropropane

Concen: 0.934 ppbv

RT: 4.334 min Scan#

Delta R.T. -0.003 min

Lab File: VL042043.D

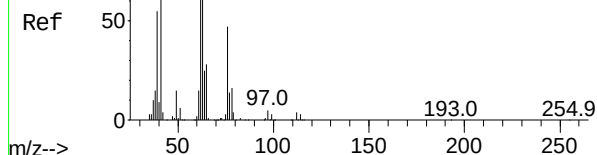
Acq: 25 Feb 2025 10:00

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC001



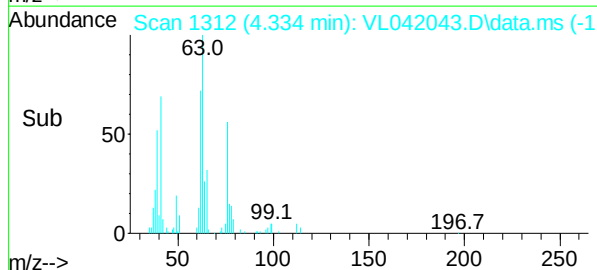
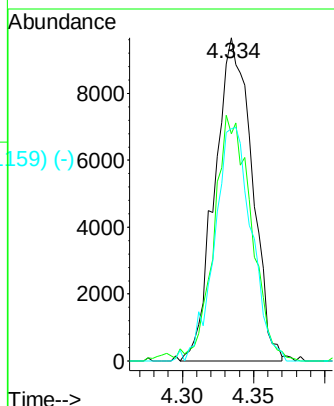
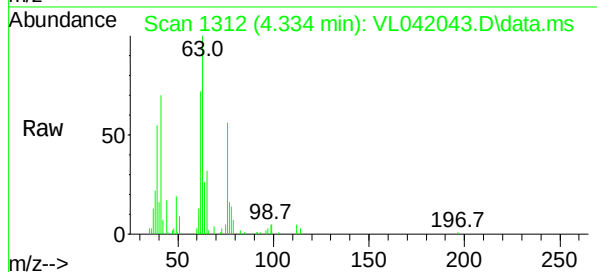
Tgt Ion: 63 Resp: 17557

Ion Ratio Lower Upper

63 100

41 67.2 60.1 90.1

62 68.5 55.8 83.8



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

1,4-Dioxane

Concen: 0.398 ppbv

RT: 4.619 min Scan# 1400

Delta R.T. 0.010 min

Lab File: VL042043.D

Acq: 25 Feb 2025 10:00

Tgt Ion: 88 Resp: 3890

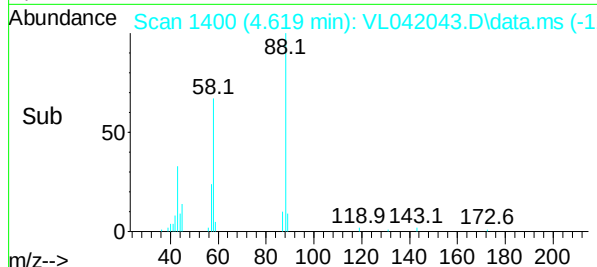
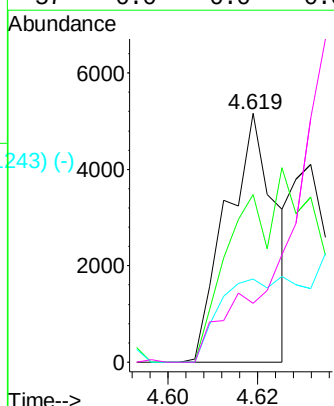
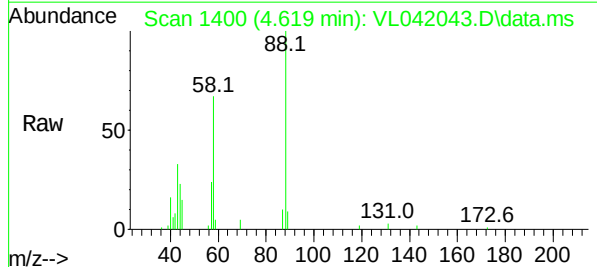
Ion Ratio Lower Upper

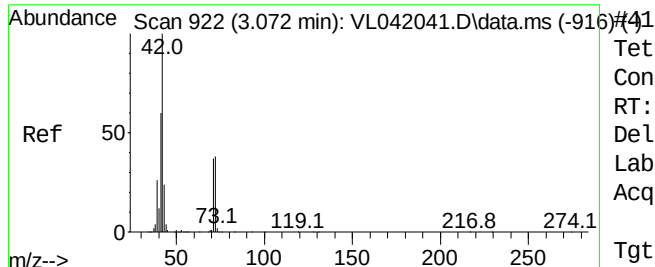
88 100

58 263.4 62.6 94.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

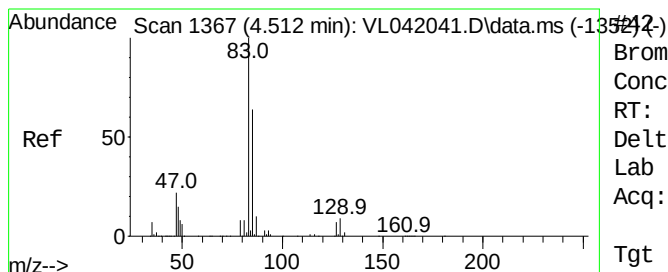
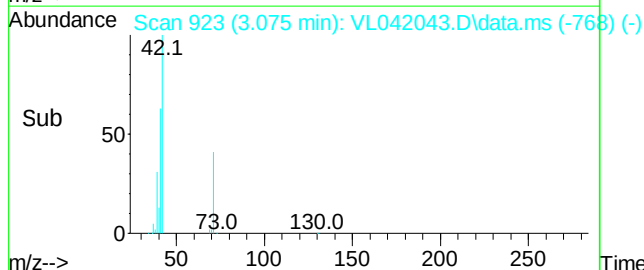
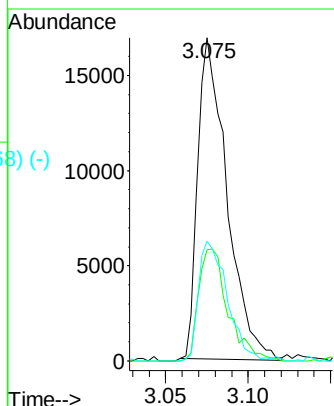
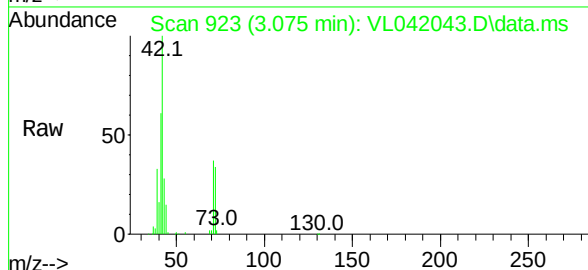




Tetrahydrofuran
 Concen: 1.000 ppbv
 RT: 3.075 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

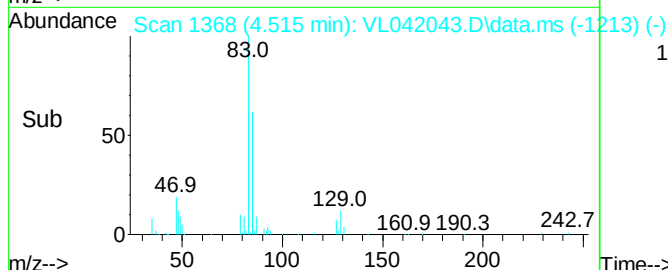
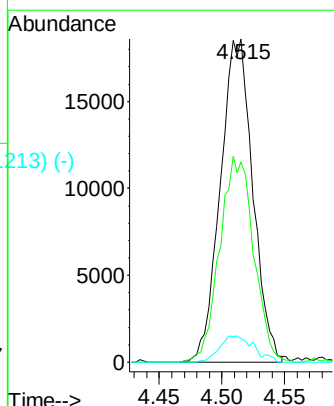
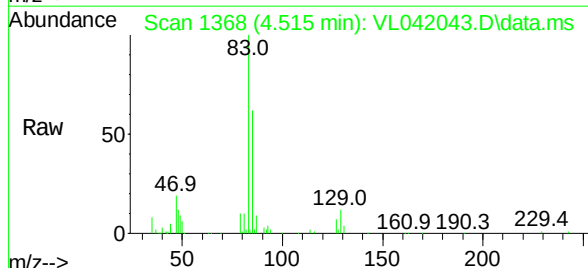
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion:	42	Resp:	20823
Ion	Ratio	Lower	Upper
42	100		
72	35.0	30.2	45.2
71	37.3	28.2	42.4



Bromodichloromethane
 Concen: 0.847 ppbv
 RT: 4.515 min Scan# 1368
 Delta R.T. 0.003 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

Tgt Ion:	83	Resp:	33481
Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.4	77.2
127	7.4	5.8	8.6



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

Methyl Methacrylate

Concen: 0.756 ppbv

RT: 4.907 min Scan#

Delta R.T. -0.000 min

Lab File: VL042043.D

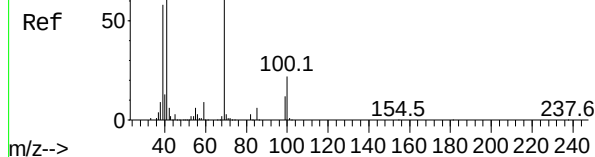
Acq: 25 Feb 2025 10:00

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC001



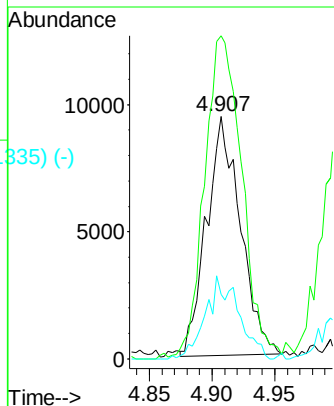
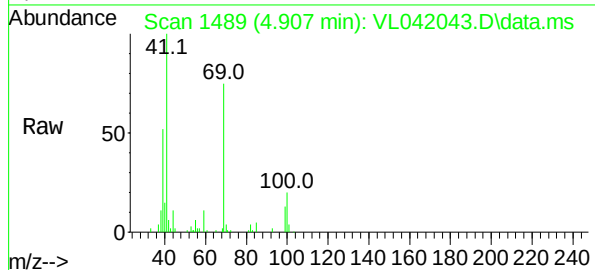
Tgt Ion: 69 Resp: 17679

Ion Ratio Lower Upper

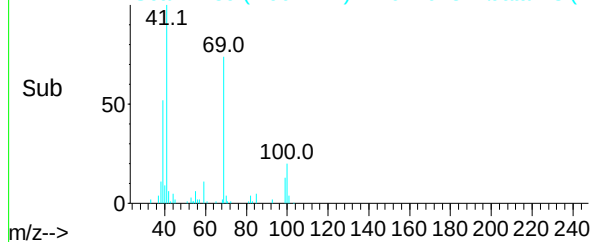
69 100

41 148.9 118.2 177.4

100 34.0 27.0 40.4



Abundance Scan 1489 (4.907 min): VL042043.D\data.ms (-1335) (-)



Abundance Scan 1413 (4.661 min): VL042041.D\data.ms (-14014)

2,2,4-Trimethylpentane

Concen: 0.941 ppbv

RT: 4.661 min Scan# 1413

Delta R.T. -0.000 min

Lab File: VL042043.D

Acq: 25 Feb 2025 10:00

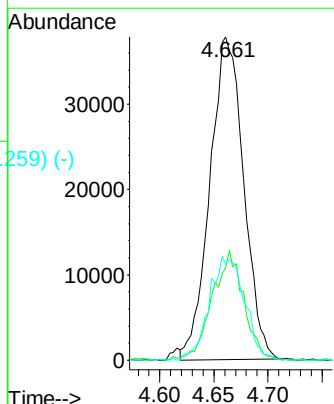
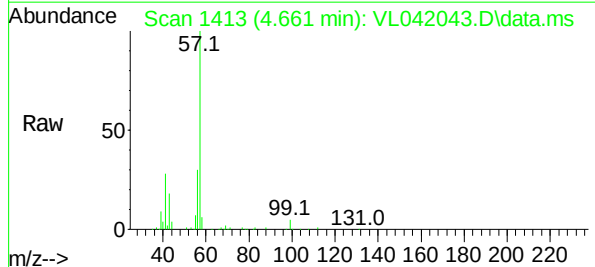
Tgt Ion: 57 Resp: 81921

Ion Ratio Lower Upper

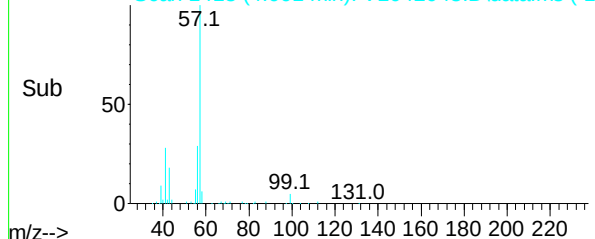
57 100

41 31.8 24.4 36.6

56 33.7 26.5 39.7



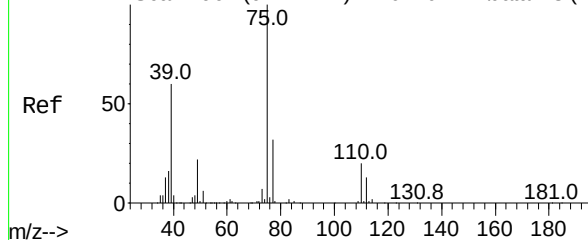
Abundance Scan 1413 (4.661 min): VL042043.D\data.ms (-1259) (-)



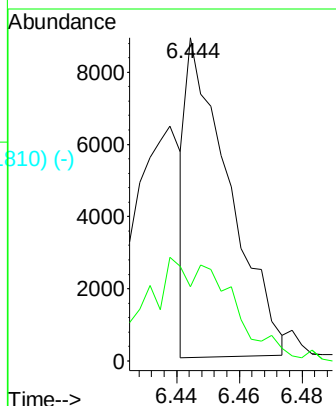
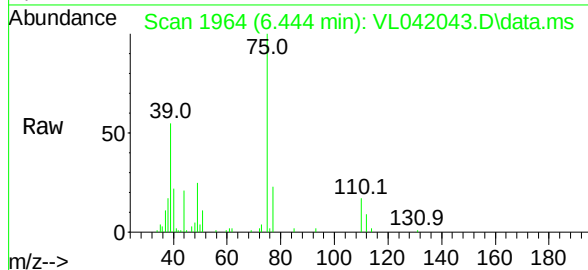
Abundance Scan 1964 (6.444 min): VL042041.D\data.ms (-19415)

t-1,3-Dichloropropene
Concen: 0.376 ppbv
RT: 6.444 min Scan#
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

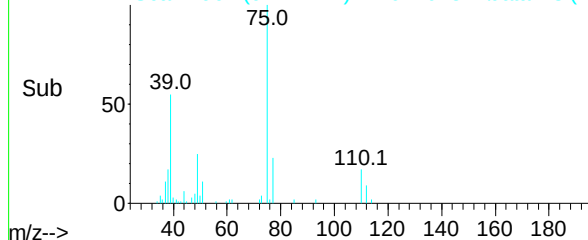
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 8303
Ion Ratio Lower Upper
75 100
77 22.9 25.9 38.9#



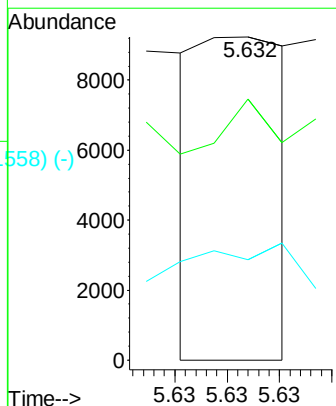
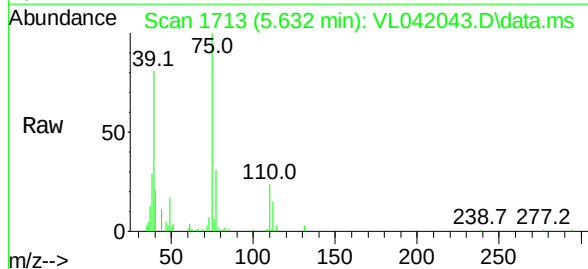
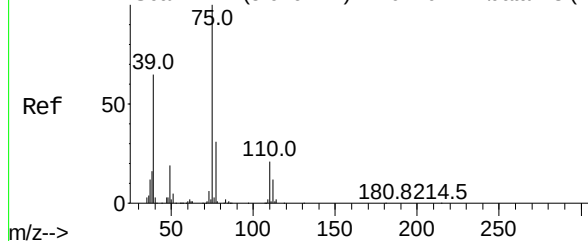
Abundance Scan 1964 (6.444 min): VL042043.D\data.ms (-1810) (-)



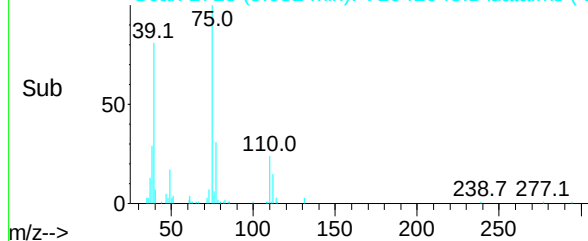
Abundance Scan 1712 (5.629 min): VL042041.D\data.ms (-16946)

cis-1,3-Dichloropropene
Concen: 0.190 ppbv
RT: 5.632 min Scan# 1713
Delta R.T. 0.003 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

Tgt Ion: 75 Resp: 5320
Ion Ratio Lower Upper
75 100
39 348.6 51.9 77.9#
77 12.4 24.9 37.3#



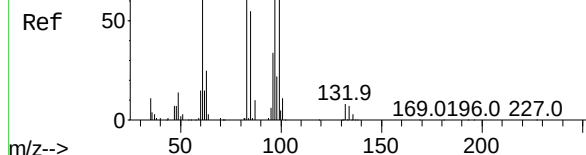
Abundance Scan 1713 (5.632 min): VL042043.D\data.ms (-1558) (-)



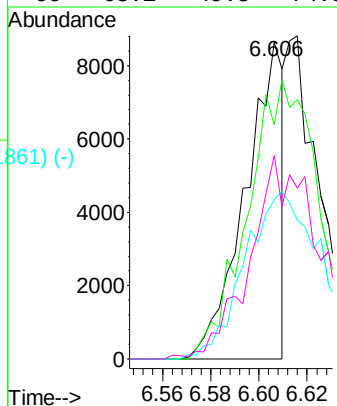
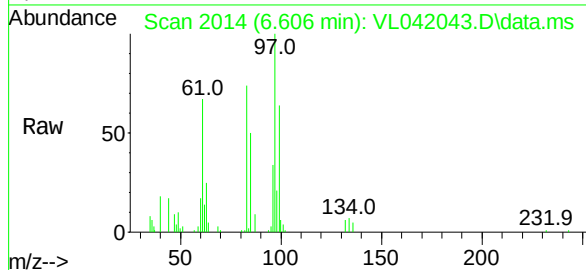
Abundance Scan 2015 (6.610 min): VL042041.D\data.ms (-1998)

1,1,2-Trichloroethane
Concen: 0.476 ppbv
RT: 6.606 min Scan#
Delta R.T. -0.003 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

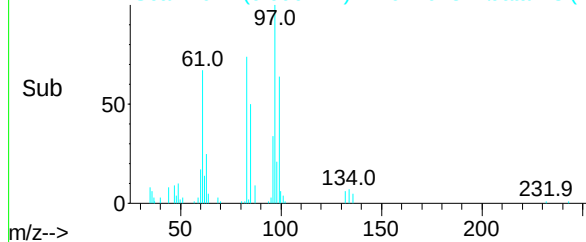
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC001



Tgt Ion:	97	Resp:	9420
Ion	Ratio	Lower	Upper
97	100		
83	73.9	68.1	102.1
85	50.2	44.0	66.0
99	63.2	49.5	74.3



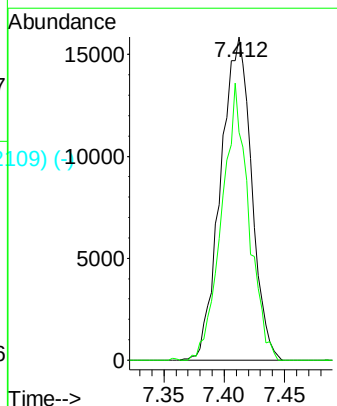
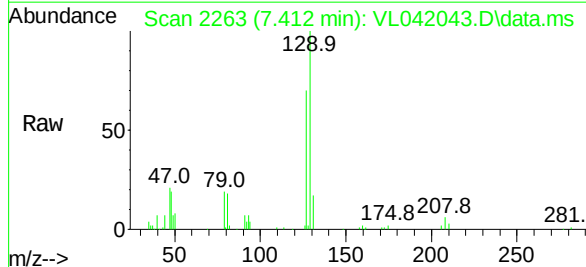
Abundance Scan 2014 (6.606 min): VL042043.D\data.ms (-1861) (-)



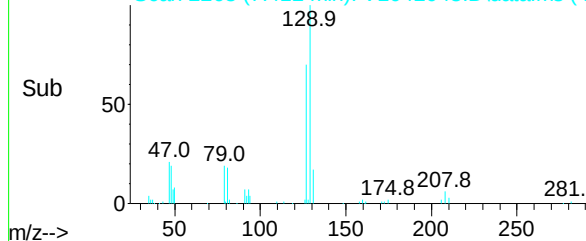
Abundance Scan 2263 (7.412 min): VL042041.D\data.ms (-2249)

Dibromochloromethane
Concen: 0.852 ppbv
RT: 7.412 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

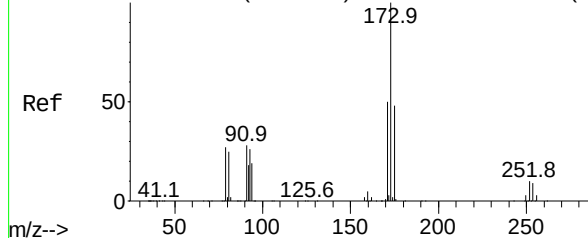
Tgt Ion:	129	Resp:	28239
Ion	Ratio	Lower	Upper
129	100		
127	74.7	38.6	115.8



Abundance Scan 2263 (7.412 min): VL042043.D\data.ms (-2109) (-)

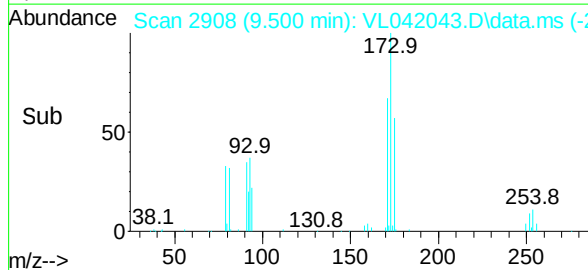
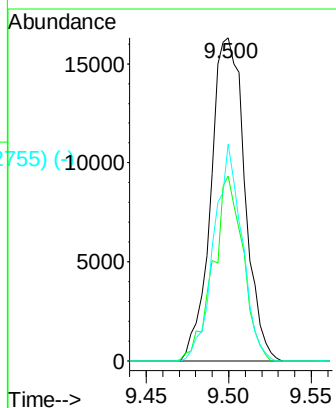
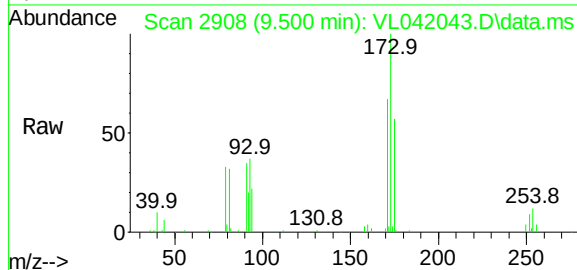


Abundance Scan 2909 (9.503 min): VL042041.D\data.ms (-289719)

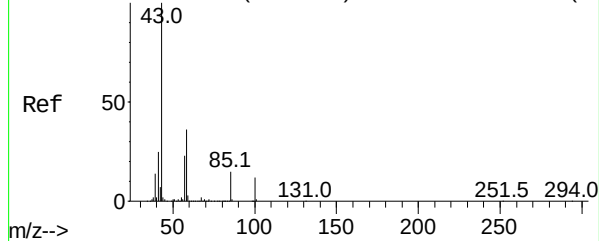


Instrument : MSVOA_1
 ClientSampleId : VSTDIC001
 Bromoform
 Concen: 0.858 ppbv
 RT: 9.500 min Scan#
 Delta R.T. -0.003 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

Tgt Ion:	173	Resp:	23310
Ion	Ratio	Lower	Upper
173	100		
175	50.5	38.3	57.5
171	55.5	40.2	60.2

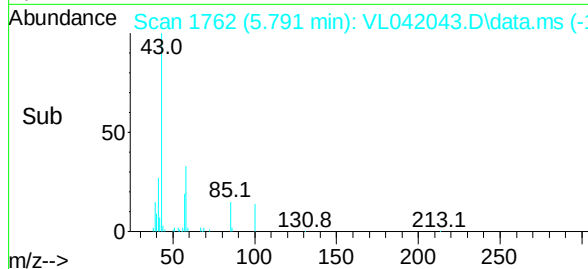
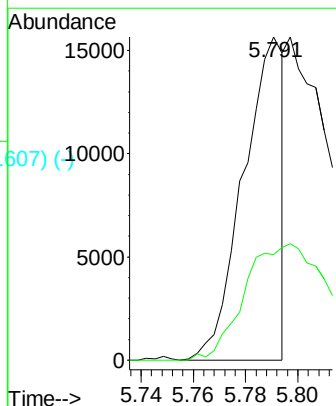
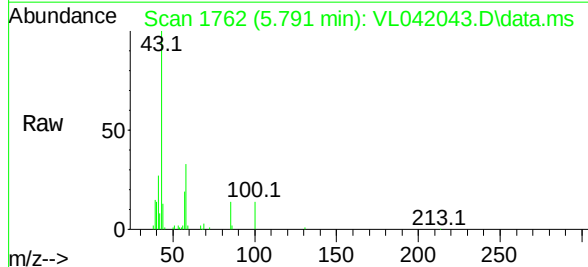


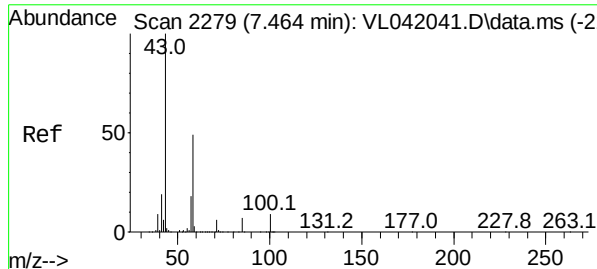
Abundance Scan 1761 (5.787 min): VL042041.D\data.ms (-17450)



4-Methyl-2-Pentanone
 Concen: 0.298 ppbv
 RT: 5.791 min Scan# 1762
 Delta R.T. 0.003 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

Tgt Ion:	43	Resp:	16703
Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.3	43.9#

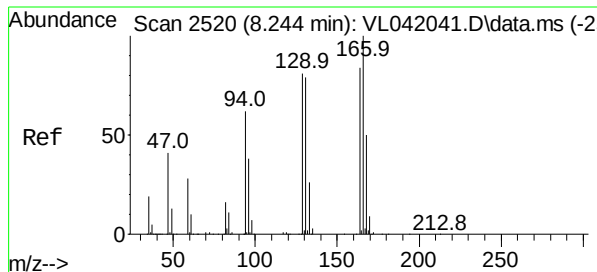
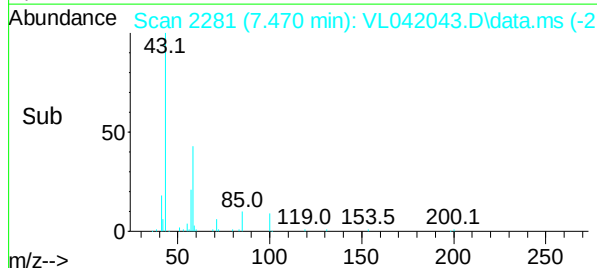
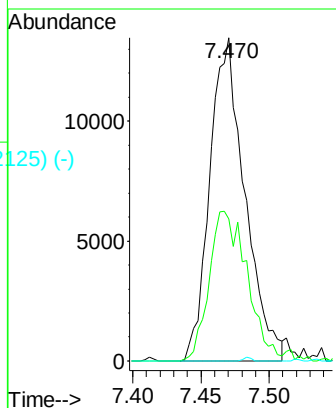
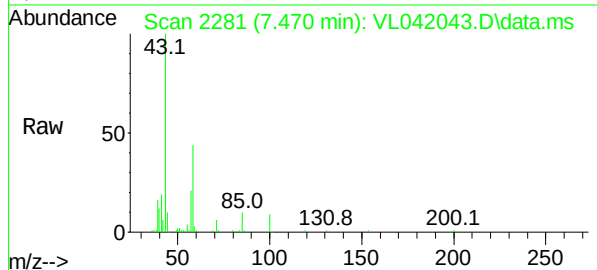




2-Hexanone
Concen: 0.527 ppbv
RT: 7.470 min Scan#
Delta R.T. 0.006 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

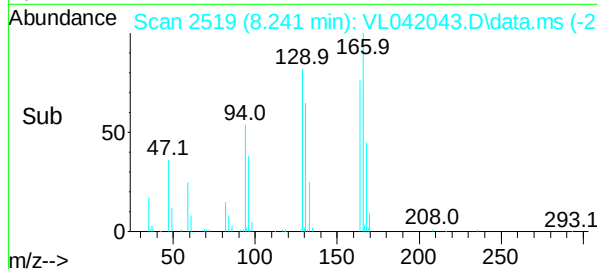
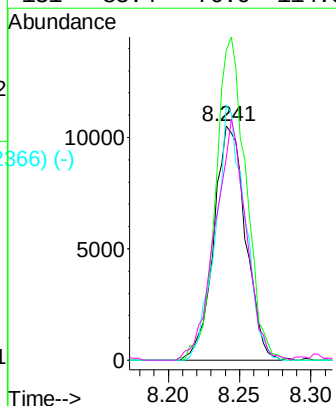
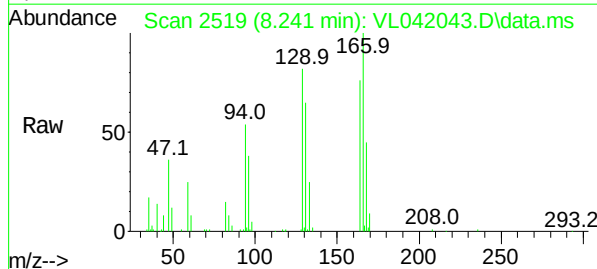
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 24117
Ion Ratio Lower Upper
43 100
58 51.0 39.0 58.6
98 0.3 0.1 0.1#

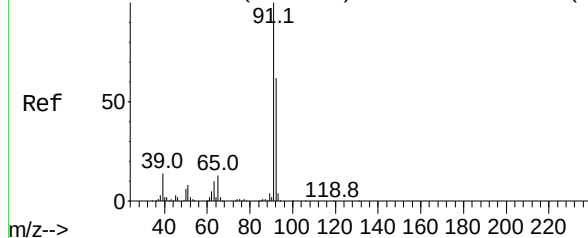


Tetrachloroethene
Concen: 0.907 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. -0.003 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

Tgt Ion: 164 Resp: 16217
Ion Ratio Lower Upper
164 100
166 131.2 95.7 143.5
129 109.1 77.1 115.7
131 85.4 76.0 114.0



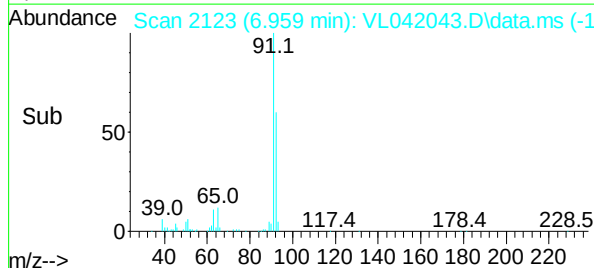
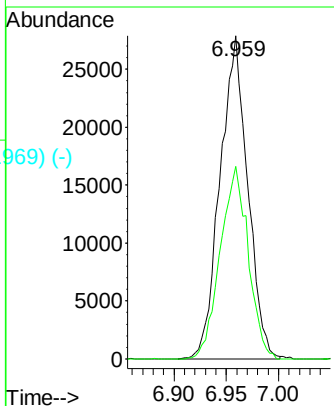
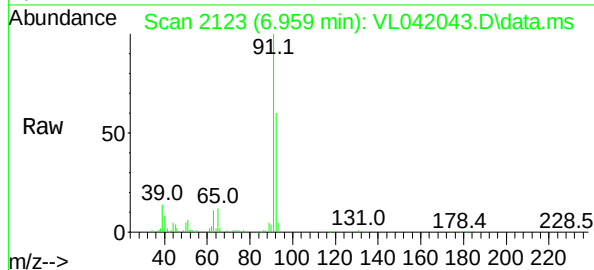
Abundance Scan 2123 (6.959 min): VL042041.D\data.ms (-210653)



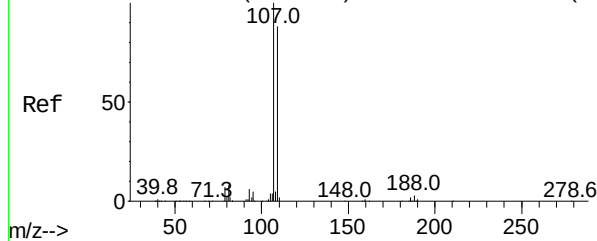
Toluene
Concen: 0.838 ppbv
RT: 6.959 min Scan#
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 51231
Ion Ratio Lower Upper
91 100
92 60.3 49.0 73.6

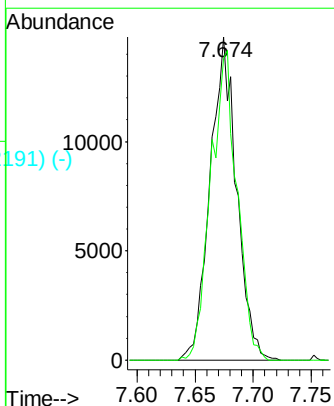
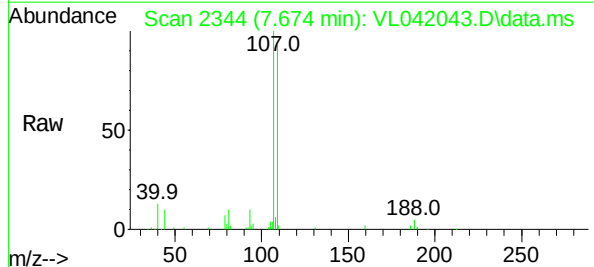


Abundance Scan 2345 (7.678 min): VL042041.D\data.ms (-233454)

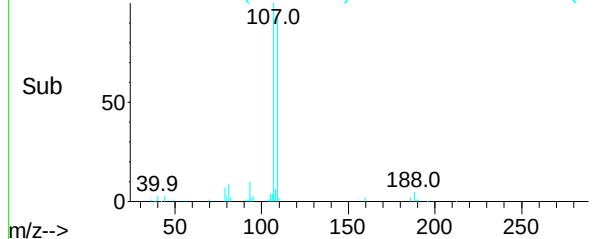


1,2-Dibromoethane
Concen: 0.860 ppbv
RT: 7.674 min Scan# 2344
Delta R.T. -0.003 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

Tgt Ion:107 Resp: 23427
Ion Ratio Lower Upper
107 100
109 93.5 70.2 105.4



Abundance Scan 2344 (7.674 min): VL042043.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: VL042043.D

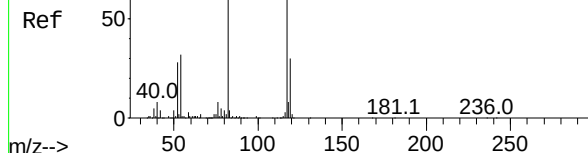
Acq: 25 Feb 2025 10:00

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC001



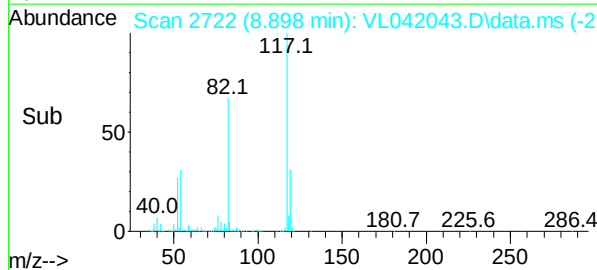
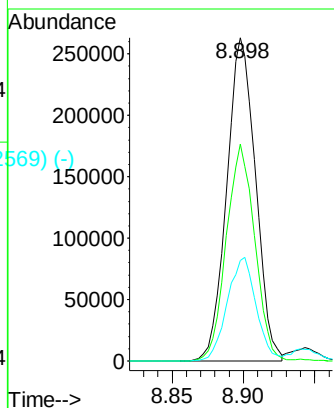
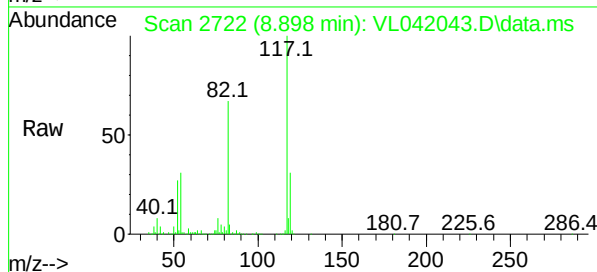
Tgt Ion:117 Resp: 369917

Ion Ratio Lower Upper

117 100

82 66.5 55.0 82.6

119 32.5 25.9 38.9



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

1,1,1,2-Tetrachloroethane

Concen: 0.833 ppbv

RT: 8.943 min Scan# 2736

Delta R.T. -0.000 min

Lab File: VL042043.D

Acq: 25 Feb 2025 10:00

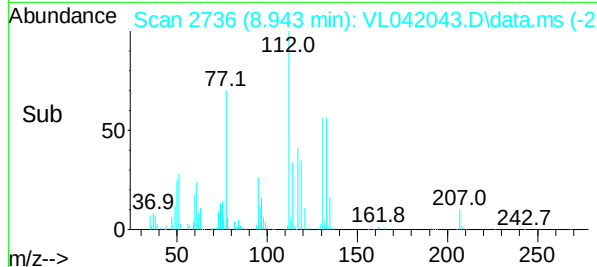
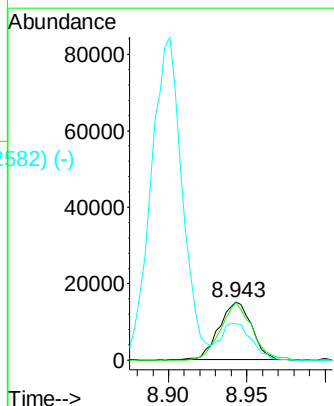
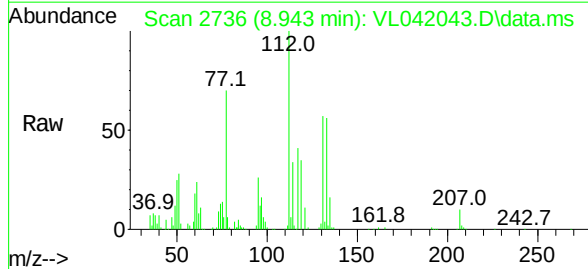
Tgt Ion:131 Resp: 22060

Ion Ratio Lower Upper

131 100

133 96.2 75.8 113.8

119 60.4 52.1 78.1



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

Chlorobenzene

Concen: 0.946 ppbv

RT: 8.937 min Scan#

Delta R.T. -0.003 min

Lab File: VL042043.D

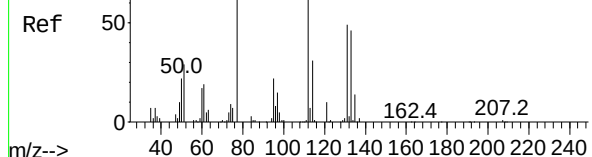
Acq: 25 Feb 2025 10:00

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC001



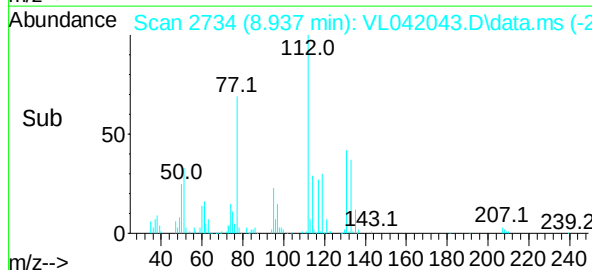
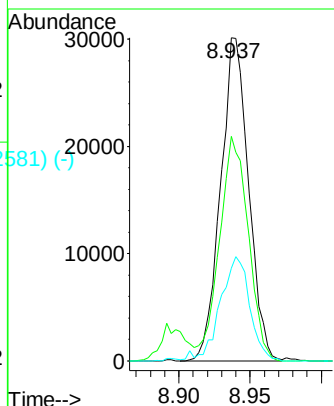
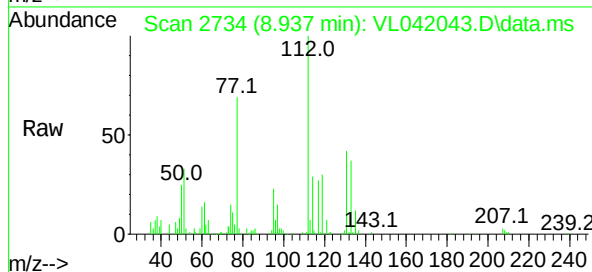
Tgt Ion:112 Resp: 41173

Ion Ratio Lower Upper

112 100

77 69.5 53.4 80.2

114 28.7 28.3 34.5



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

Ethyl Benzene

Concen: 0.871 ppbv

RT: 9.370 min Scan# 2868

Delta R.T. -0.003 min

Lab File: VL042043.D

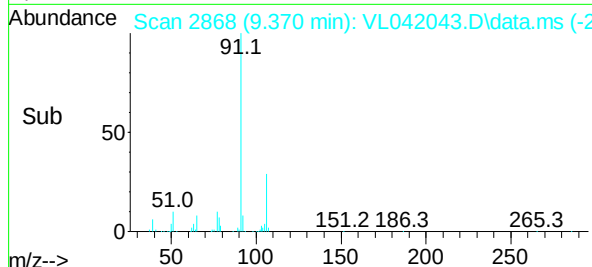
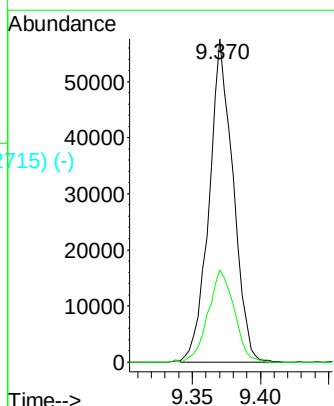
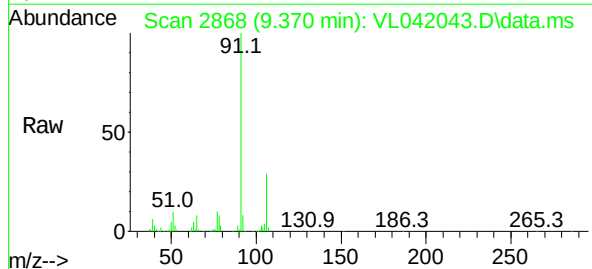
Acq: 25 Feb 2025 10:00

Tgt Ion: 91 Resp: 70507

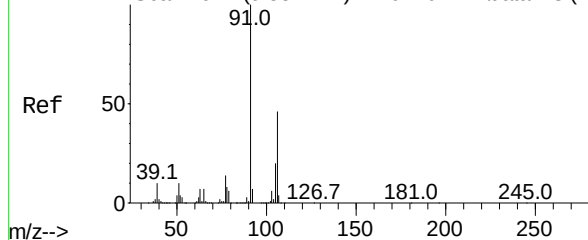
Ion Ratio Lower Upper

91 100

106 28.5 24.2 36.2



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

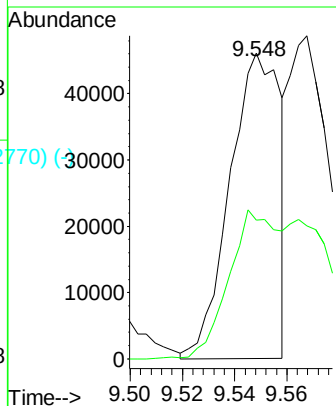
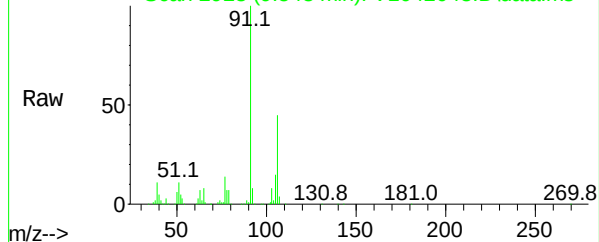


m/p-Xylene
Concen: 0.965 ppbv
RT: 9.548 min Scan#
Delta R.T. -0.003 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

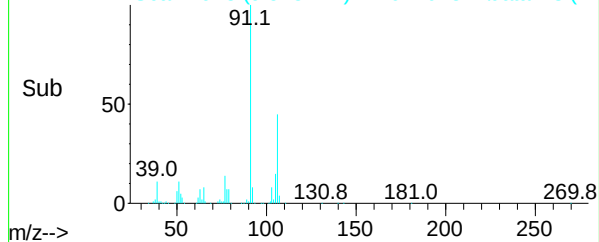
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 61567
Ion Ratio Lower Upper
91 100
106 88.7 0.0 0.0#

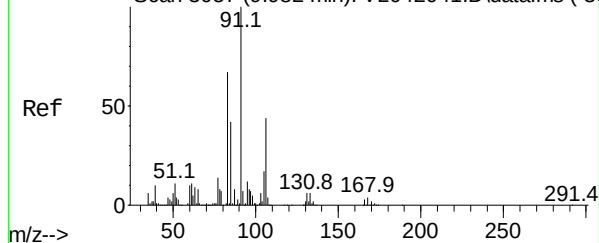
Abundance Scan 2923 (9.548 min): VL042043.D\data.ms



Abundance Scan 2923 (9.548 min): VL042043.D\data.ms (-2770)



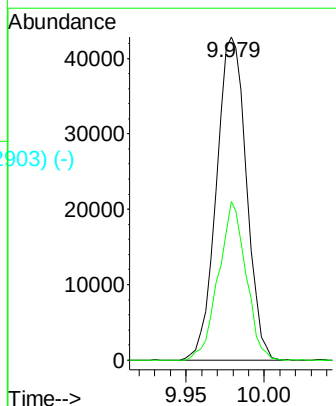
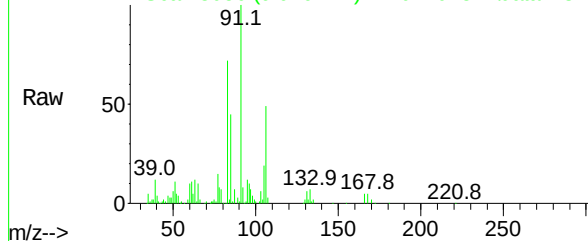
Abundance Scan 3057 (9.982 min): VL042041.D\data.ms (-30450)



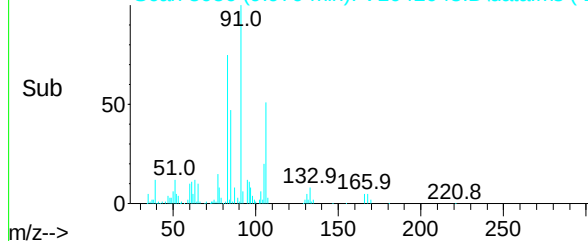
o-Xylene
Concen: 0.889 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.003 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

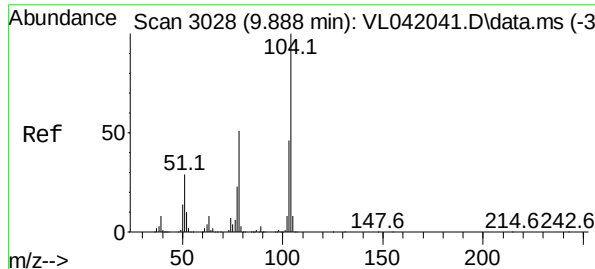
Tgt Ion: 91 Resp: 57322
Ion Ratio Lower Upper
91 100
106 45.2 22.3 66.8

Abundance Scan 3056 (9.979 min): VL042043.D\data.ms



Abundance Scan 3056 (9.979 min): VL042043.D\data.ms (-2903)

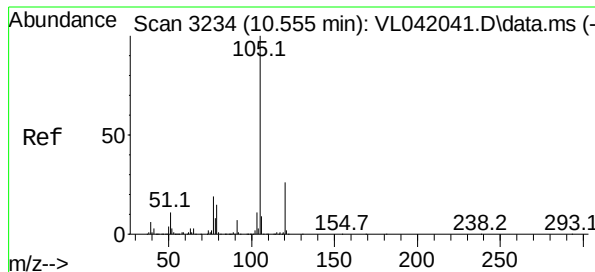
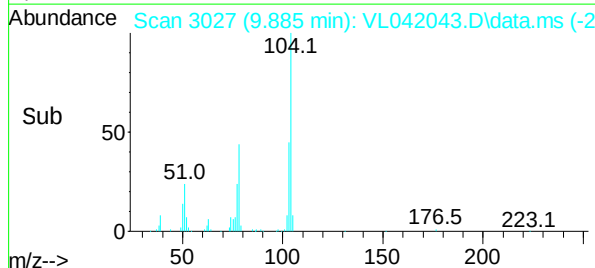
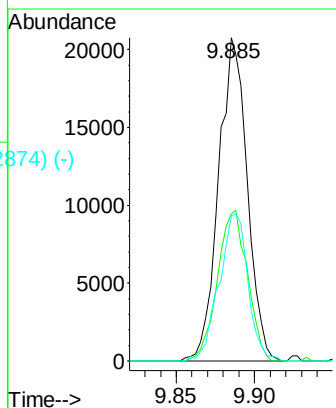
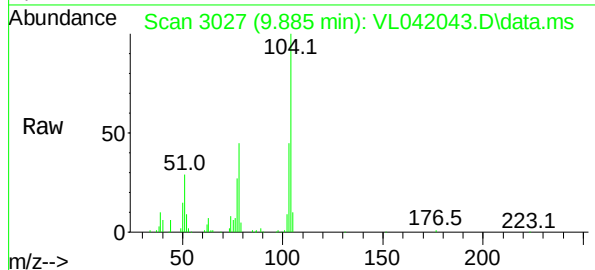




Styrene
Concen: 0.865 ppbv
RT: 9.885 min Scan#
Delta R.T. -0.003 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

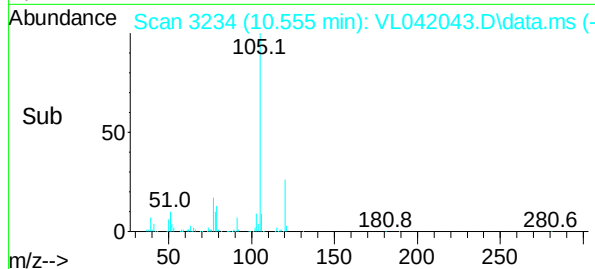
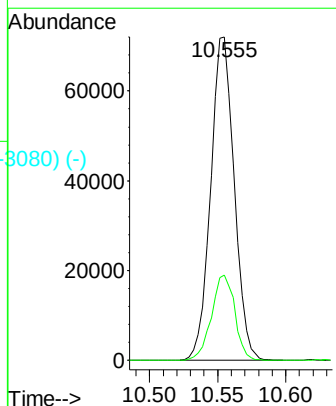
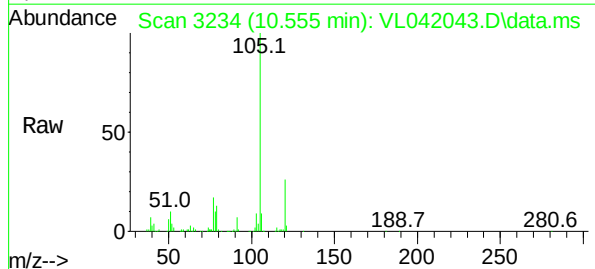
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

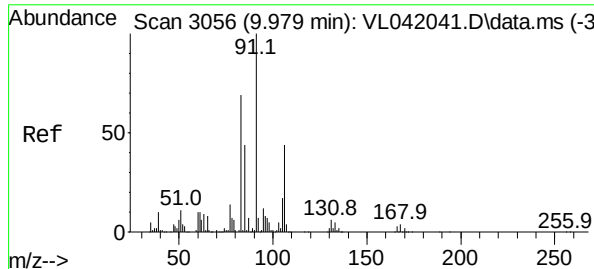
Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	41.0	61.4
103	45.9	37.0	55.6



Isopropylbenzene
Concen: 0.894 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.7	31.1

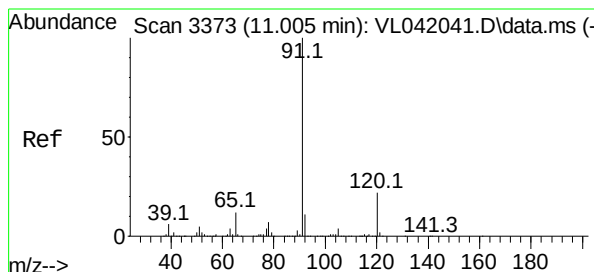
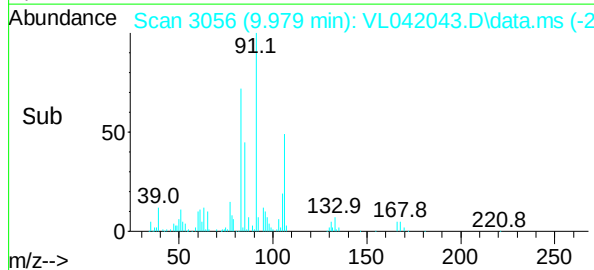
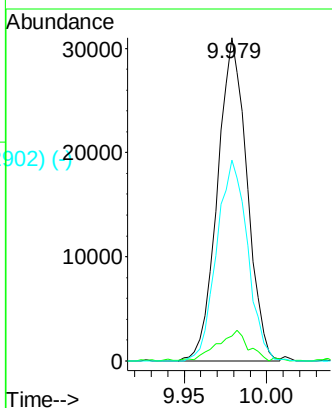
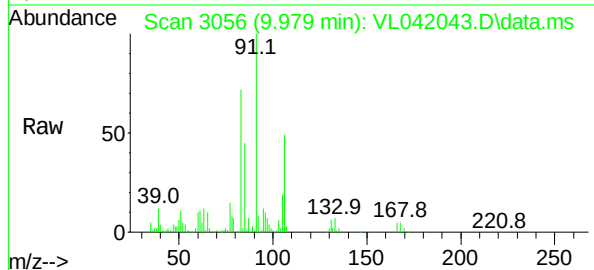




1,1,2,2-Tetrachloroethane
 Concen: 0.926 ppbv
 RT: 9.979 min Scan# 3056
 Delta R.T. -0.000 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

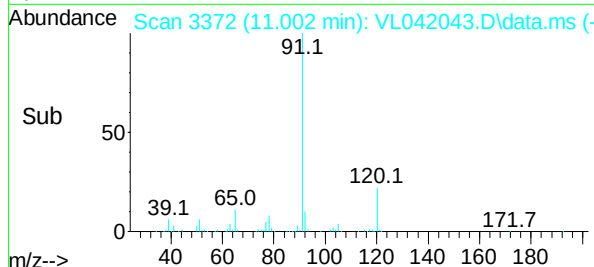
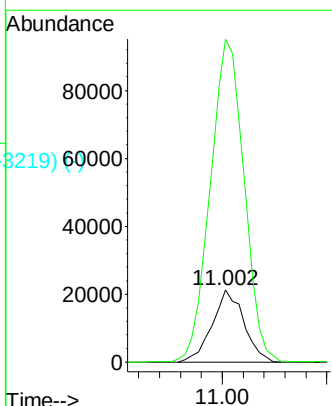
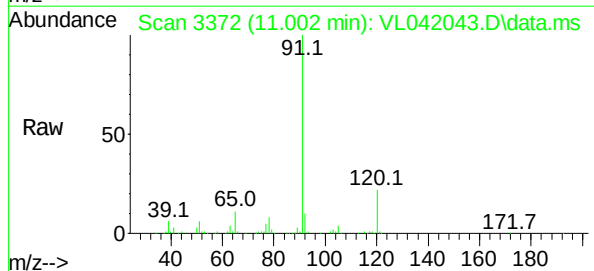
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

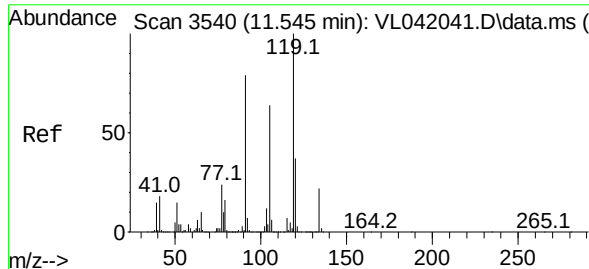
Tgt Ion:	83	Resp:	38520
Ion	Ratio	Lower	Upper
83	100		
131	10.6	4.5	13.7
85	65.2	32.1	96.3



n-propylbenzene
 Concen: 0.944 ppbv
 RT: 11.002 min Scan# 3372
 Delta R.T. -0.003 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

Tgt Ion:	120	Resp:	22456
Ion	Ratio	Lower	Upper
120	100		
91	478.3	370.6	556.0

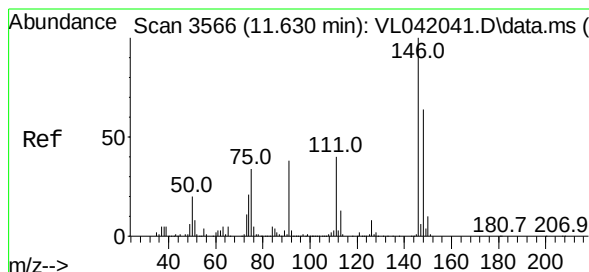
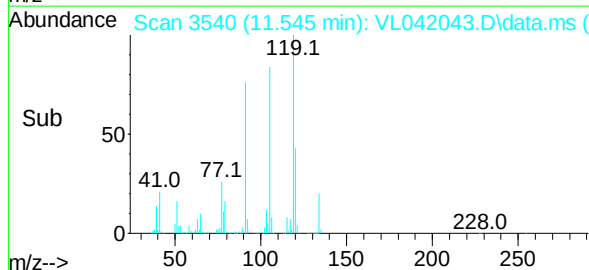
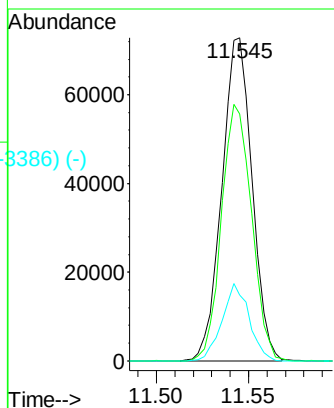
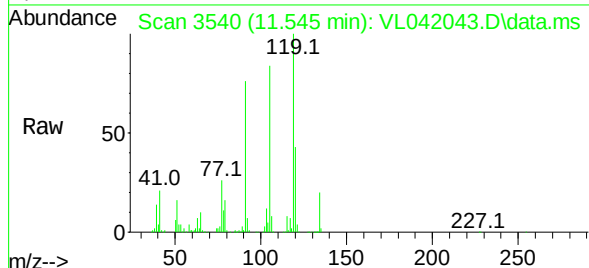




tert-Butylbenzene
 Concen: 0.987 ppbv
 RT: 11.545 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

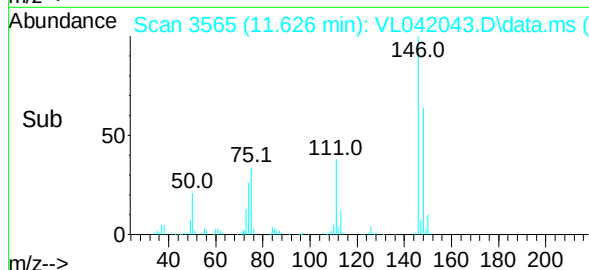
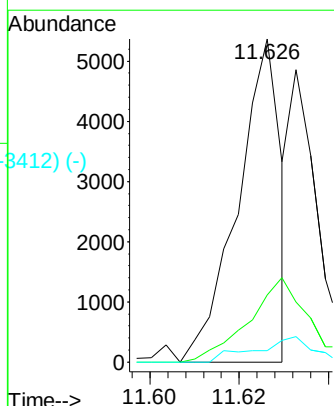
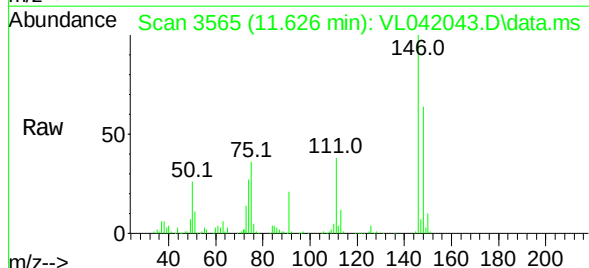
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

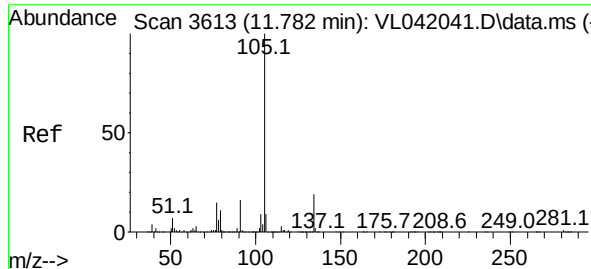
Tgt Ion:	119	Resp:	83284
Ion	Ratio	Lower	Upper
119	100		
91	79.2	64.2	96.2
134	21.5	17.4	26.2



Benzyl Chloride
 Concen: 0.424 ppbv
 RT: 11.626 min Scan# 3565
 Delta R.T. -0.003 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

Tgt Ion:	91	Resp:	3586
Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.5	21.7#
128	0.0	5.4	8.2#

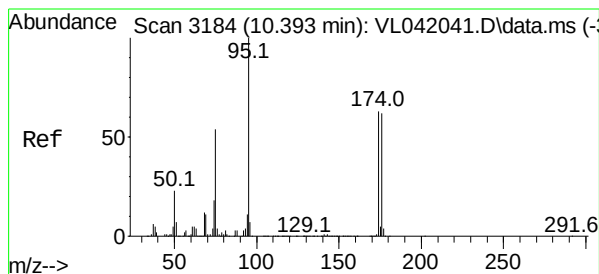
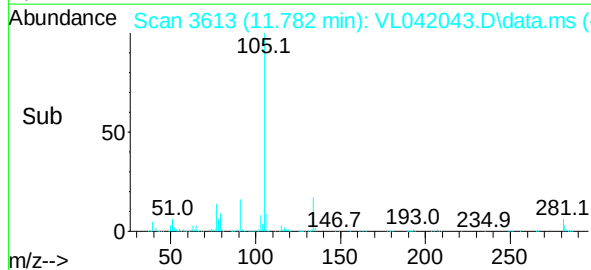
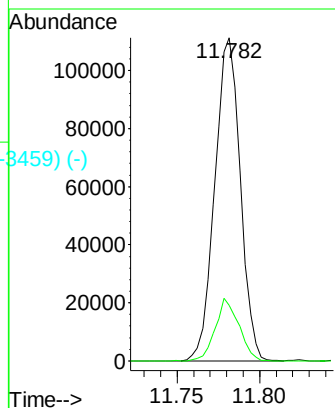
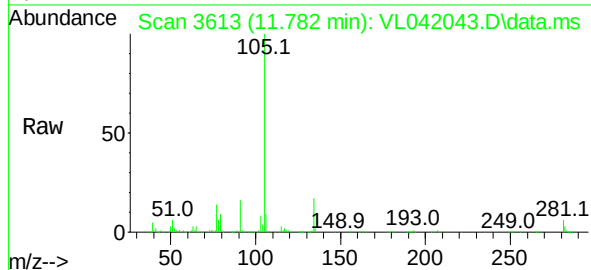




sec-Butylbenzene
Concen: 1.007 ppbv
RT: 11.782 min Scan#
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

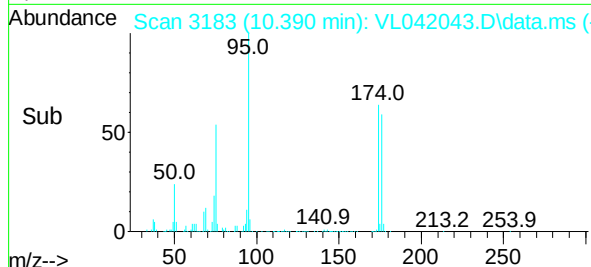
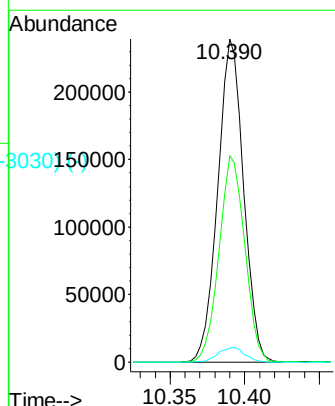
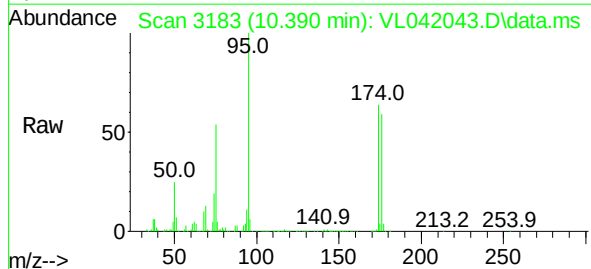
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

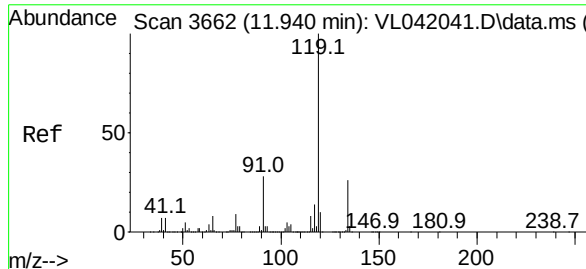
Tgt Ion:105 Resp: 119435
Ion Ratio Lower Upper
105 100
134 18.1 14.9 22.3



1-Bromo-4-Fluorobenzene
Concen: 9.420 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. -0.003 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

Tgt Ion: 95 Resp: 287450
Ion Ratio Lower Upper
95 100
174 63.9 51.8 77.6
175 4.7 3.9 5.9

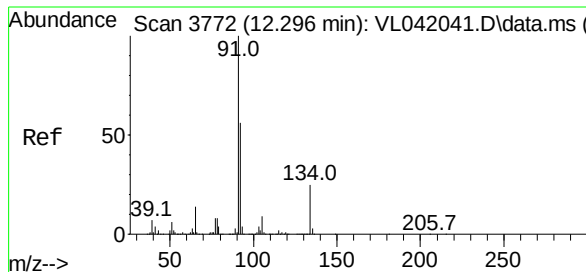
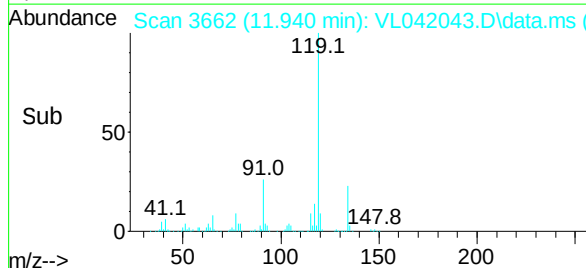
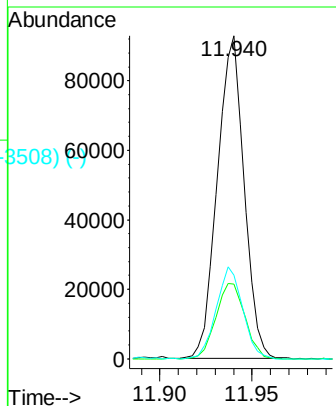
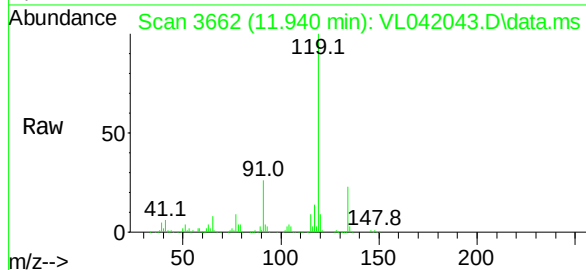




p-Isopropyltoluene
 Concen: 0.966 ppbv
 RT: 11.940 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

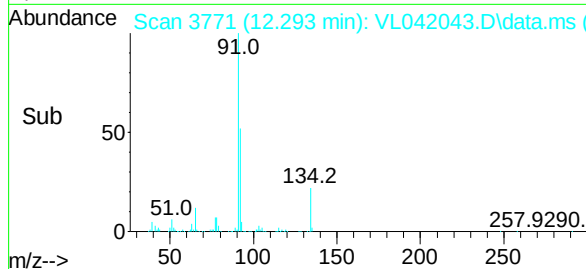
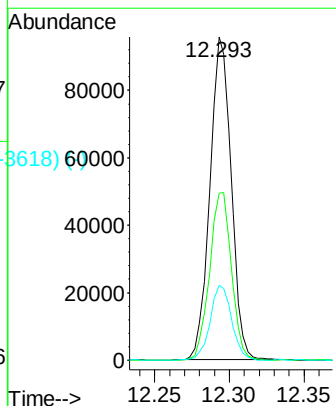
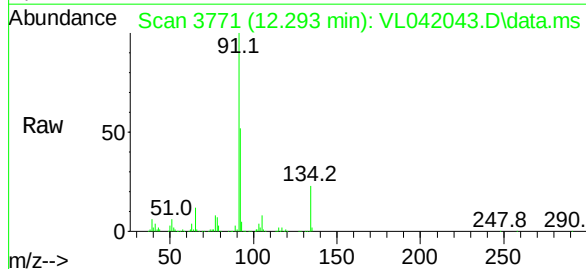
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

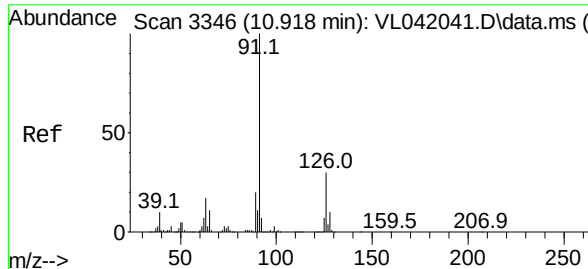
Tgt Ion:	119	Resp:	93710
Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.9	31.3
91	28.2	23.1	34.7



n-Butylbenzene
 Concen: 0.993 ppbv
 RT: 12.293 min Scan# 3771
 Delta R.T. -0.003 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

Tgt Ion:	91	Resp:	94969
Ion	Ratio	Lower	Upper
91	100		
92	53.5	44.7	67.1
134	23.5	18.9	28.3

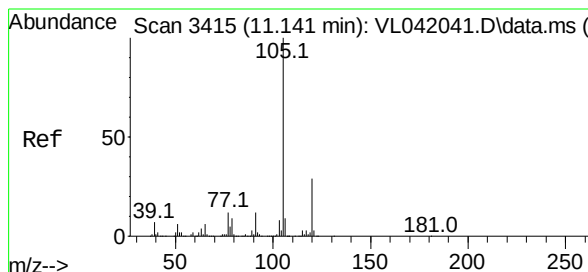
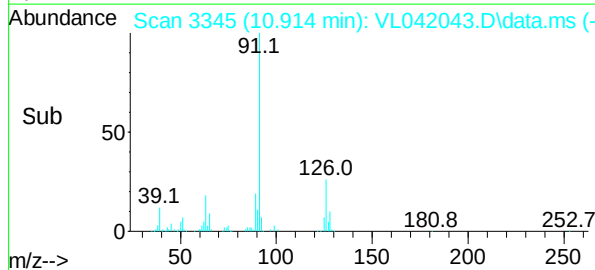
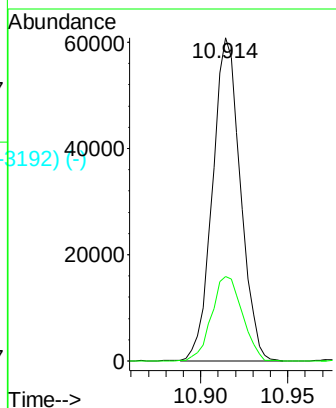
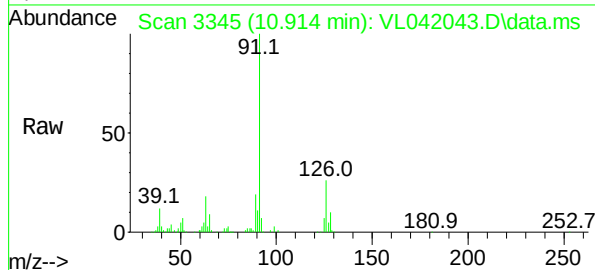




2-Chlorotoluene
 Concen: 0.928 ppbv
 RT: 10.914 min Scan#
 Delta R.T. -0.003 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

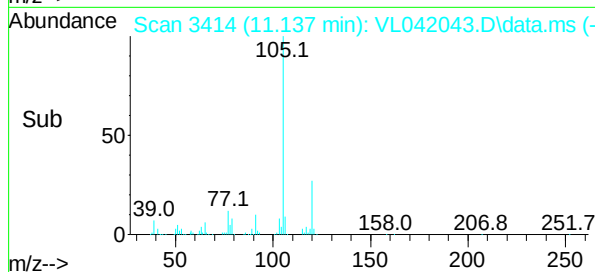
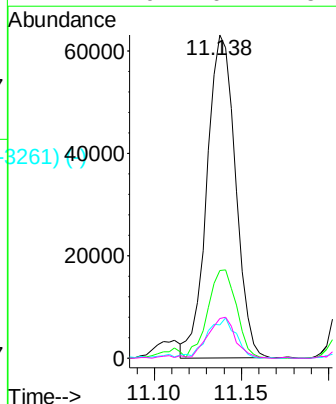
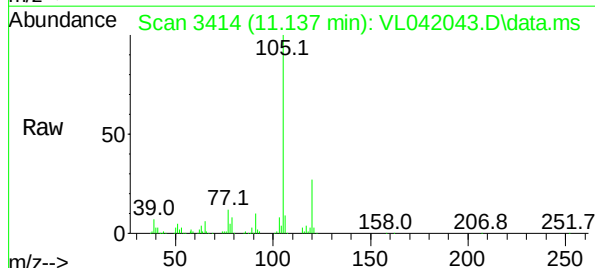
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

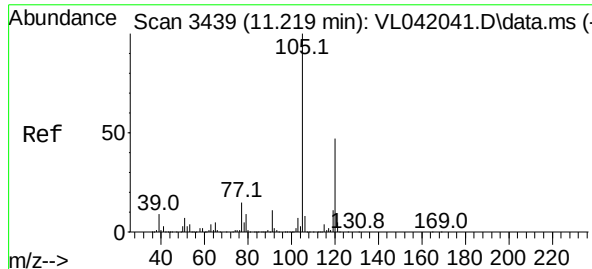
Tgt Ion:	91	Resp:	67655
Ion	Ratio	Lower	Upper
91	100		
126	28.8	11.9	47.5



4-Ethyltoluene
 Concen: 0.952 ppbv
 RT: 11.137 min Scan# 3414
 Delta R.T. -0.003 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

Tgt Ion:	105	Resp:	71906
Ion	Ratio	Lower	Upper
105	100		
120	29.5	24.1	36.1
91	13.5	10.2	15.4
77	12.6	10.4	15.6

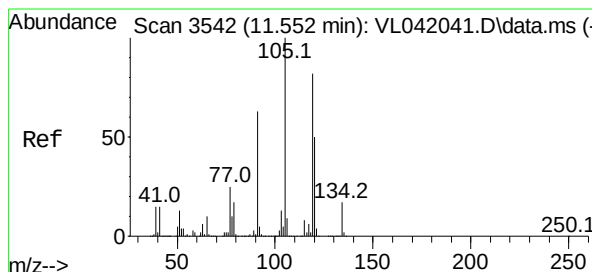
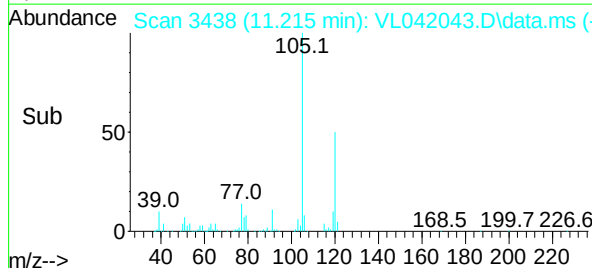
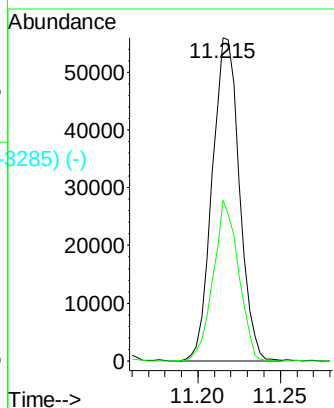
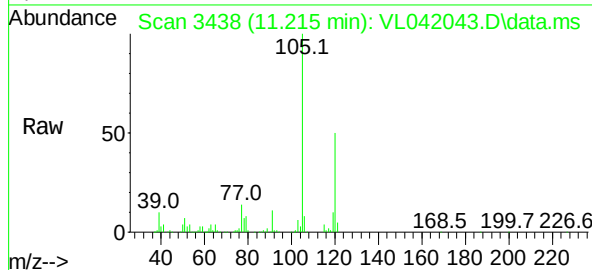




1,3,5-Trimethylbenzene
Concen: 0.983 ppbv
RT: 11.215 min Scan#
Delta R.T. -0.003 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

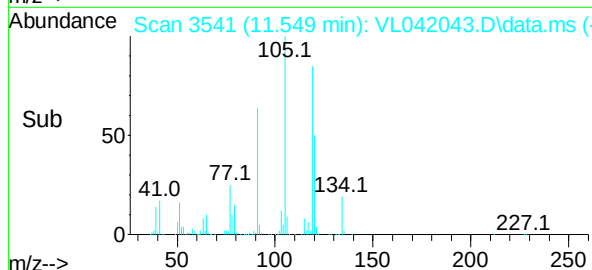
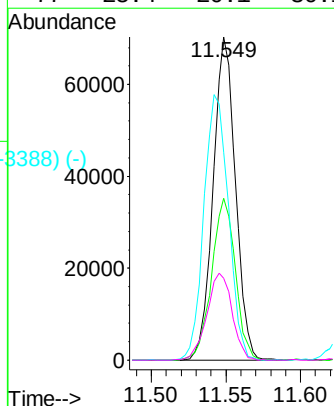
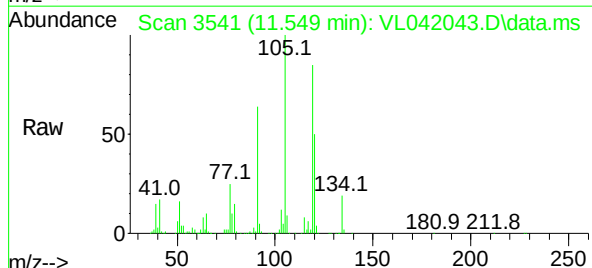
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

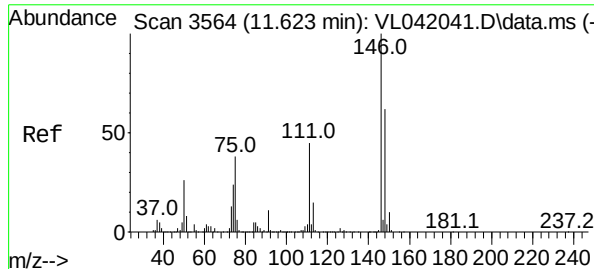
Tgt Ion:105 Resp: 64087
Ion Ratio Lower Upper
105 100
120 49.7 37.4 56.0



1,2,4-Trimethylbenzene
Concen: 1.048 ppbv
RT: 11.549 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

Tgt Ion:105 Resp: 73323
Ion Ratio Lower Upper
105 100
120 50.1 40.2 60.2
91 64.4 51.4 77.2
77 25.4 20.1 30.1

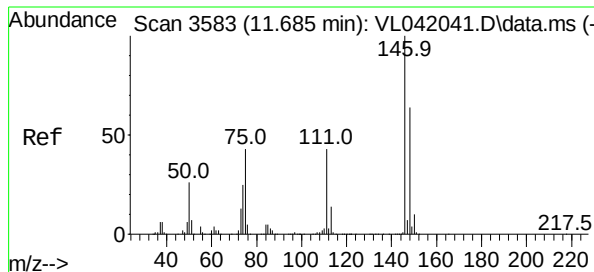
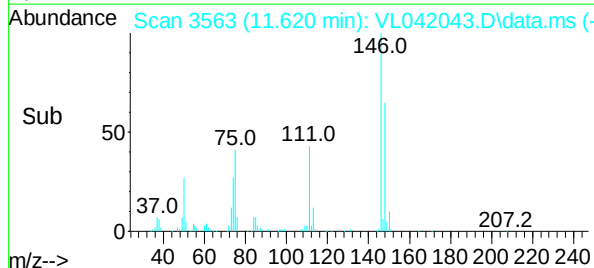
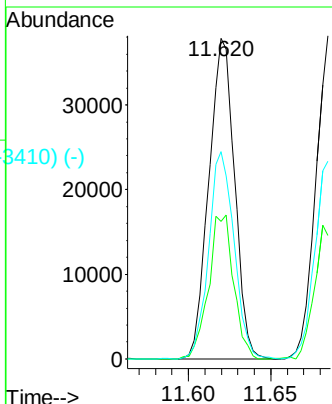
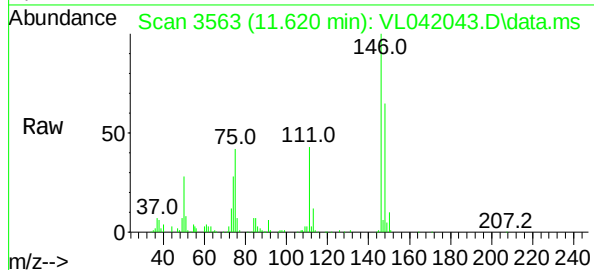




1,3-Dichlorobenzene
Concen: 1.091 ppbv
RT: 11.620 min Scan#
Delta R.T. -0.003 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

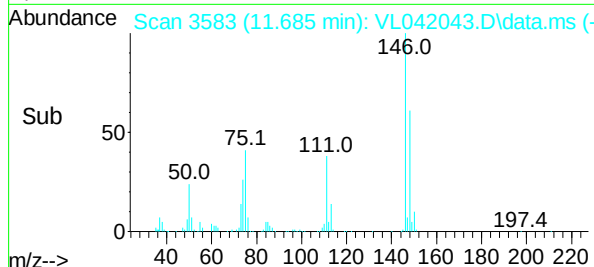
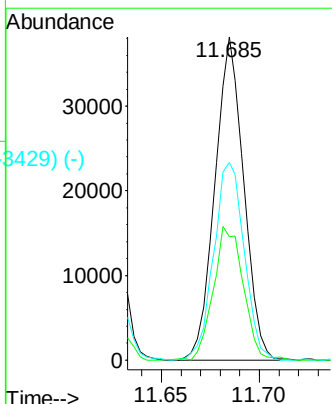
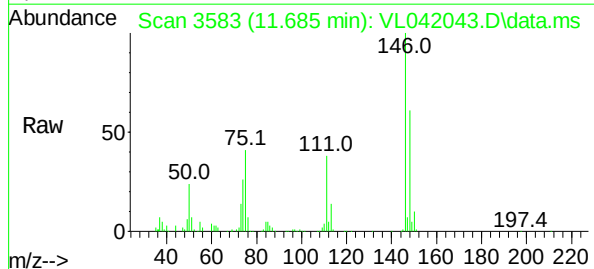
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

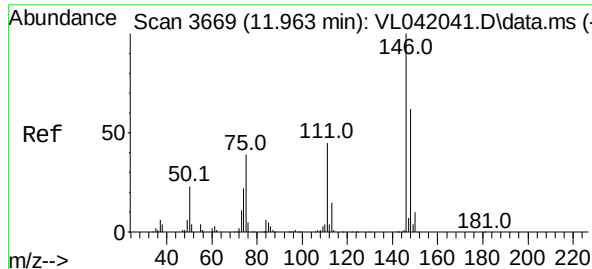
Tgt Ion:	146	Resp:	41063
Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.4	67.2
148	63.9	32.3	96.8



1,4-Dichlorobenzene
Concen: 1.068 ppbv
RT: 11.685 min Scan# 3583
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

Tgt Ion:	146	Resp:	39235
Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.5	64.5
148	65.0	31.6	95.0

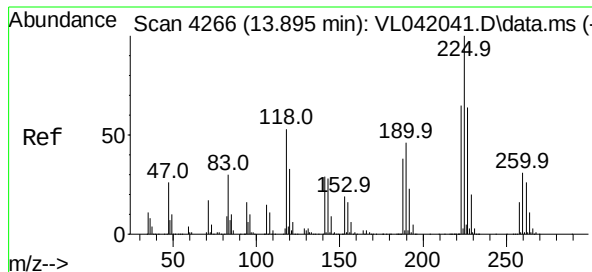
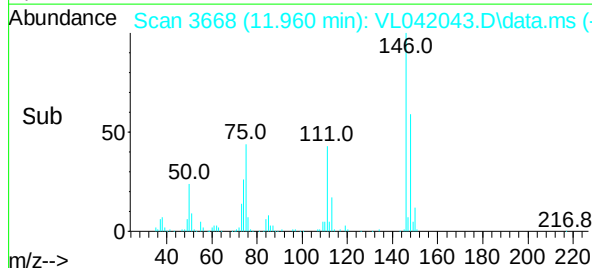
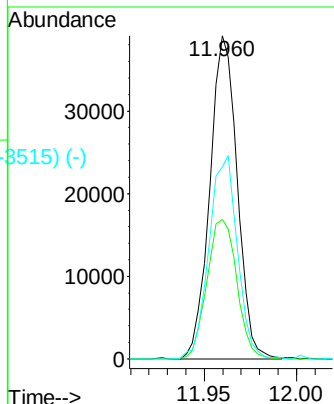
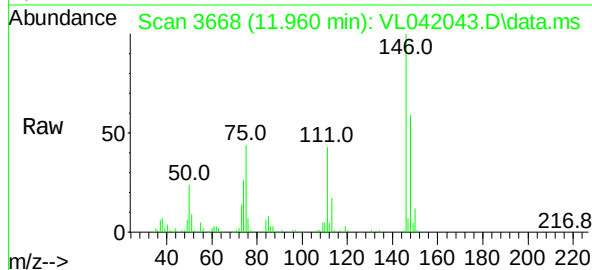




1,2-Dichlorobenzene
Concen: 1.127 ppbv
RT: 11.960 min Scan#
Delta R.T. -0.003 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

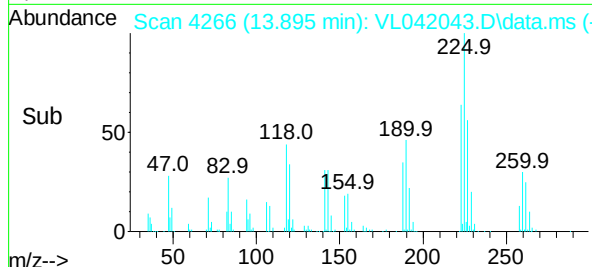
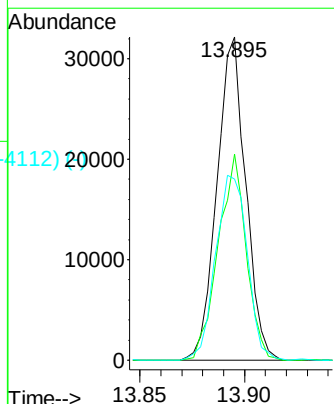
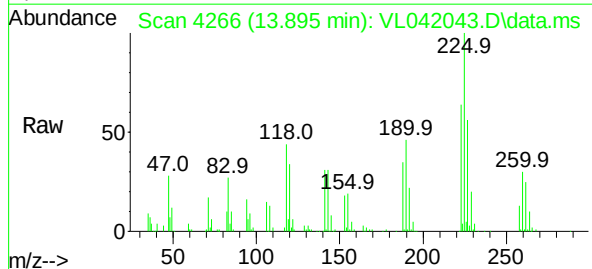
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

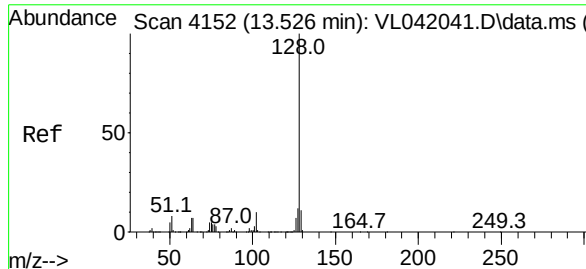
Tgt Ion:	146	Resp:	40574
Ion	Ratio	Lower	Upper
146	100		
111	47.1	23.2	69.6
148	65.4	31.4	94.2



Hexachloro-1,3-Butadiene
Concen: 1.033 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

Tgt Ion:	225	Resp:	30764
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.2	75.2
227	63.2	50.8	76.2

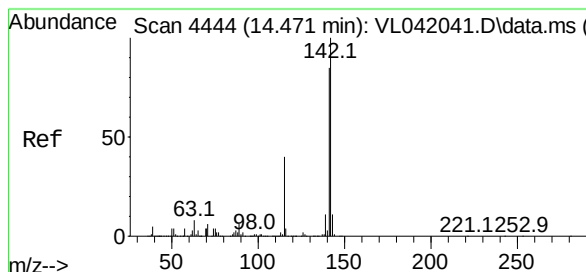
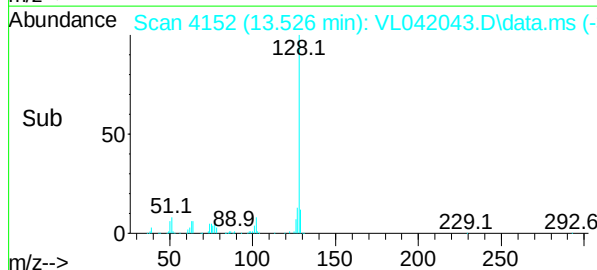
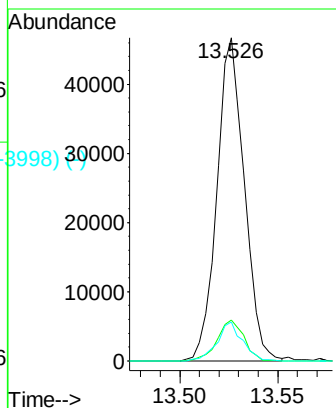
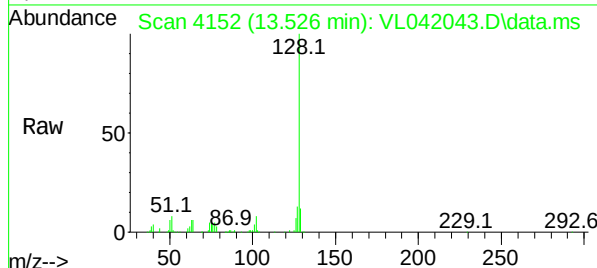




#429 (-)
Naphthalene
Concen: 0.665 ppbv
RT: 13.526 min Scan#
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

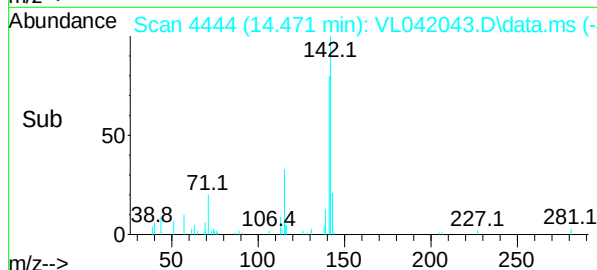
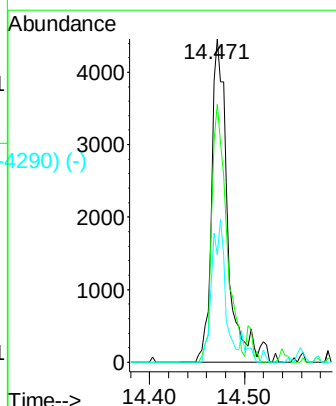
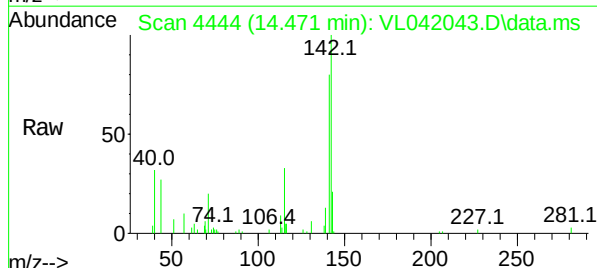
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

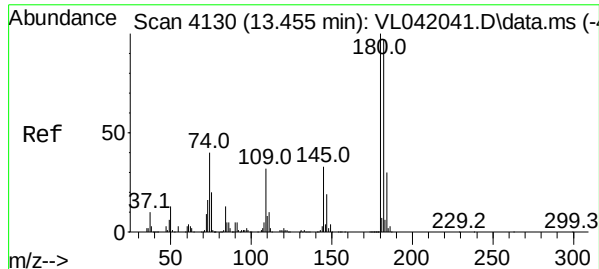
Tgt Ion:	128	Resp:	45743
Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.8	14.6
129	12.0	8.6	12.8



#430 (-)
Naphthalene, 2-methyl-
Concen: 0.168 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. -0.000 min
Lab File: VL042043.D
Acq: 25 Feb 2025 10:00

Tgt Ion:	142	Resp:	5244
Ion	Ratio	Lower	Upper
142	100		
141	77.7	65.8	98.6
115	41.6	29.5	44.3





1,2,4-Trichlorobenzene
 Concen: 0.908 ppbv
 RT: 13.452 min Scan#
 Delta R.T. -0.003 min
 Lab File: VL042043.D
 Acq: 25 Feb 2025 10:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion:	180	Resp:	25404
Ion Ratio	Lower	Upper	
180	100		
182	98.8	75.1	112.7
184	31.4	23.8	35.6

