

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022525\
 Data File : VL042042.D
 Acq On : 25 Feb 2025 09:29
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Quant Time: Feb 25 10:12:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 18 00:13:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	160999	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.981	114	427051	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	377910	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.393	95	289049	9.273	ppbv	0.00
Spiked Amount	10.000	Range 65 - 135	Recovery	=	92.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.505	85	35122	1.267	ppbv	95
3) Chlorodifluoromethane	1.483	51	49423	1.613	ppbv	94
4) Chloromethane	1.538	50	12833	1.192	ppbv #	87
5) Vinyl Chloride	1.586	62	11611	0.902	ppbv	97
6) Bromomethane	1.674	94	5996	1.201	ppbv	97
7) Chloroethane	1.712	64	5014	1.195	ppbv	90
8) Dichlorotetrafluoroethane	1.560	85	29028	1.191	ppbv	99
9) Propene	1.489	41	20484	1.551	ppbv	95
10) Heptane	5.004	43	63098	1.720	ppbv	94
11) Trichlorofluoromethane	1.884	101	36041	1.292	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.149	101	27846	1.280	ppbv	90
13) Ethanol	1.729	45	1291	0.866	ppbv	91
14) Bromoethene	1.790	108	9642	1.187	ppbv	93
15) Acetone	1.842	43	30058	1.131	ppbv	100
16) 1,3-Butadiene	1.615	39	13471	1.069	ppbv	100
17) tert-Butyl alcohol	2.052	59	38684	1.176	ppbv	96
18) 1,1-Dichloroethene	2.043	96	12417	1.195	ppbv	93
19) Isopropyl Alcohol	1.894	45	17927	1.203	ppbv	96
20) Methylene Chloride	2.072	84	10587	1.058	ppbv #	80
21) Allyl Chloride	2.107	41	20564	1.069	ppbv	96
22) trans-1,2-Dichloroethene	2.350	96	14475	1.283	ppbv	81
23) Vinyl Acetate	2.473	43	22394	1.556	ppbv #	94
24) 1,1-Dichloroethane	2.421	63	27804	1.214	ppbv	99
25) Ethyl Acetate	2.852	43	121593	1.667	ppbv	100
26) Hexane	2.839	57	48912	1.671	ppbv	98
27) Carbon Disulfide	2.159	76	33222	1.207	ppbv #	57
28) Methyl tert-Butyl Ether	2.457	73	26968	1.507	ppbv	100
29) Chloroform	2.865	83	63463	1.497	ppbv	92
30) Cyclohexane	3.878	84	40420	1.702	ppbv	98
31) cis-1,2-Dichloroethene	2.732	61	46690	1.614	ppbv	96
32) 1,1,1-Trichloroethane	3.386	97	62586	1.331	ppbv	97
34) 2-Butanone	2.573	43	69370	1.888	ppbv	96
35) Carbon Tetrachloride	3.784	117	61895	1.493	ppbv	97
36) Benzene	3.677	78	94277	1.822	ppbv	98
37) 1,2-Dichloroethane	3.237	62	51050	1.734	ppbv	99
38) Trichloroethene	4.574	130	38184	1.817	ppbv	99
39) 1,2-Dichloropropane	4.341	63	35396	1.866	ppbv	95
40) 1,4-Dioxane	4.622	88	15442	1.565	ppbv #	28
41) Tetrahydrofuran	3.075	42	40365	1.922	ppbv	96
42) Bromodichloromethane	4.512	83	69154	1.733	ppbv	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022525\
 Data File : VL042042.D
 Acq On : 25 Feb 2025 09:29
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 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

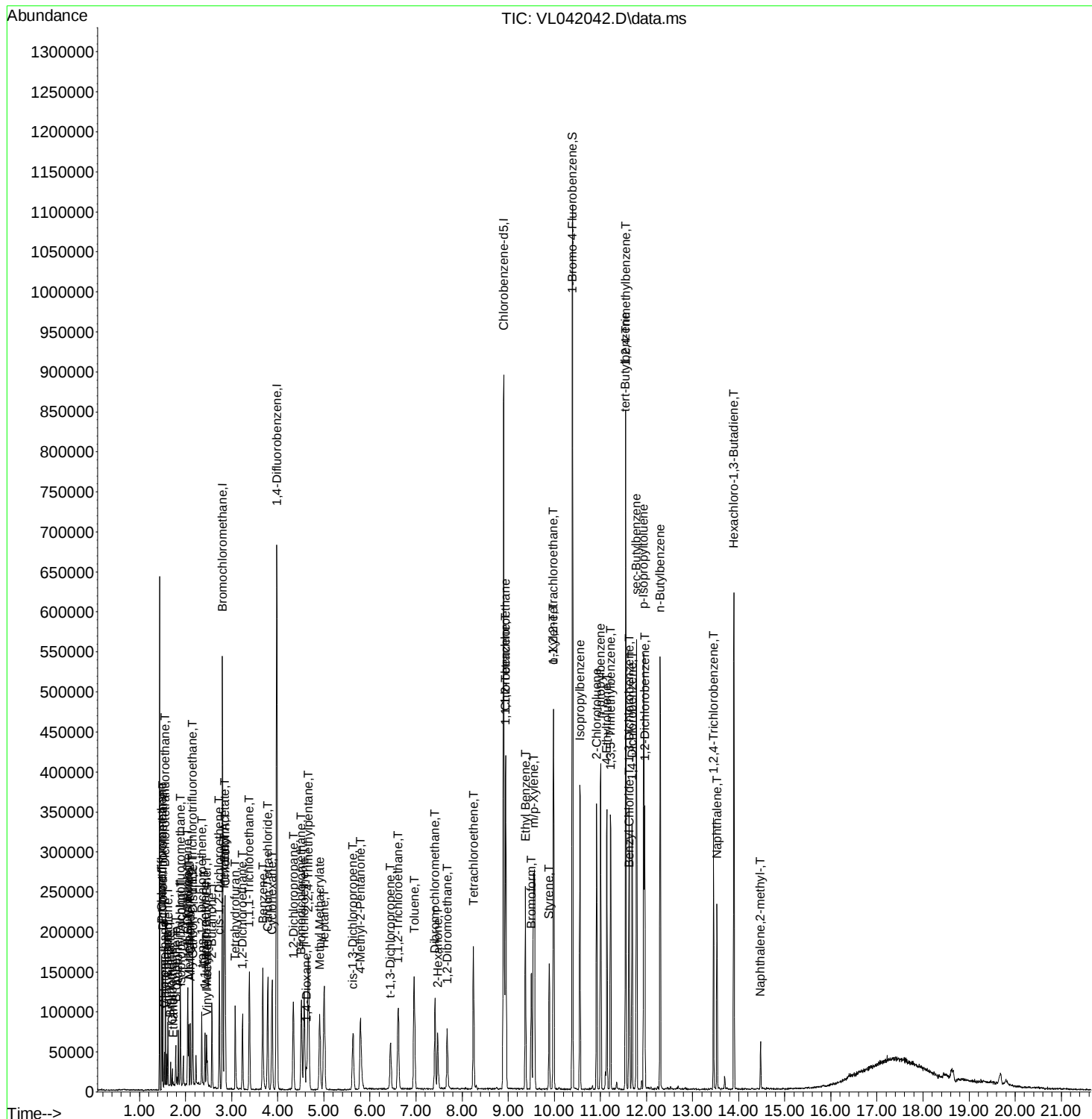
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 18 00:13:37 2025
 Response via : Initial Calibration

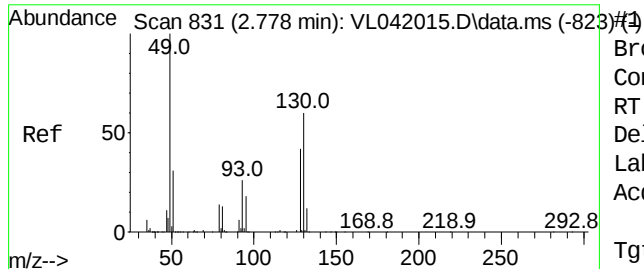
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Methyl Methacrylate	4.910	69	36393	1.543	ppbv	94
44) 2,2,4-Trimethylpentane	4.664	57	166945	1.901	ppbv	97
45) t-1,3-Dichloropropene	6.448	75	35707	1.604	ppbv	93
46) cis-1,3-Dichloropropene	5.632	75	46835	1.658	ppbv	93
47) 1,1,2-Trichloroethane	6.613	97	36368	1.822	ppbv	93
48) Dibromochloromethane	7.412	129	56931	1.703	ppbv	99
49) Bromoform	9.503	173	50259	1.833	ppbv	99
50) 4-Methyl-2-Pentanone	5.797	43	83246	1.474	ppbv	99
51) 2-Hexanone	7.470	43	51926	1.124	ppbv #	94
52) Tetrachloroethene	8.244	164	32874	1.822	ppbv	95
53) Toluene	6.962	91	109646	1.779	ppbv	98
54) 1,2-Dibromoethane	7.678	107	50010	1.820	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.946	131	44947	1.662	ppbv	98
57) Chlorobenzene	8.943	112	84749	1.906	ppbv	95
58) Ethyl Benzene	9.374	91	149185	1.804	ppbv	99
59) m/p-Xylene	9.548	91	115500	1.773	ppbv #	20
60) o-Xylene	9.982	91	119170	1.809	ppbv	97
61) Styrene	9.888	104	55798	1.776	ppbv	96
62) Isopropylbenzene	10.555	105	181311	1.833	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.982	83	77911	1.833	ppbv	96
64) n-propylbenzene	11.005	120	47764	1.965	ppbv	92
65) tert-Butylbenzene	11.545	119	167973	1.948	ppbv	96
66) Benzyl Chloride	11.630	91	12304	1.423	ppbv #	98
67) sec-Butylbenzene	11.782	105	240504	1.986	ppbv	99
69) p-Isopropyltoluene	11.940	119	194660	1.963	ppbv	99
70) n-Butylbenzene	12.296	91	194416	1.991	ppbv	99
71) 2-Chlorotoluene	10.917	91	140068	1.880	ppbv	98
72) 4-Ethyltoluene	11.141	105	150038	1.944	ppbv	98
73) 1,3,5-Trimethylbenzene	11.218	105	128202	1.925	ppbv	99
74) 1,2,4-Trimethylbenzene	11.549	105	150380	2.104	ppbv #	88
75) 1,3-Dichlorobenzene	11.623	146	81884	2.129	ppbv	98
76) 1,4-Dichlorobenzene	11.688	146	82560	2.201	ppbv	97
77) 1,2-Dichlorobenzene	11.963	146	80367	2.186	ppbv	96
78) Hexachloro-1,3-Butadiene	13.895	225	63815	2.098	ppbv	99
79) Naphthalene	13.526	128	102197	1.454	ppbv	98
80) Naphthalene,2-methyl-	14.475	142	18104	0.569	ppbv	94
81) 1,2,4-Trichlorobenzene	13.455	180	57798	2.023	ppbv	98

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

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

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

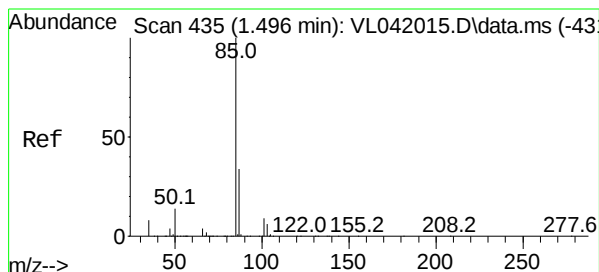
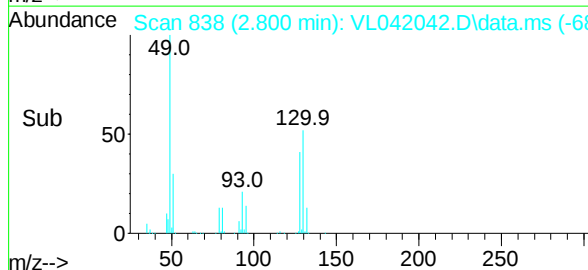
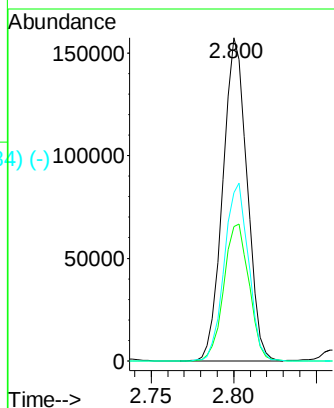
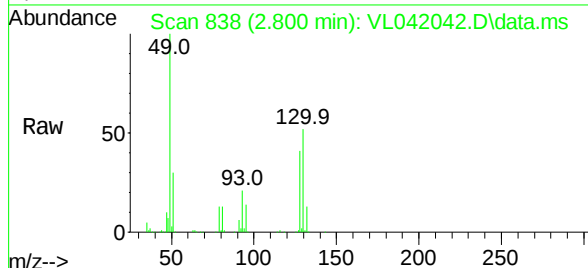




Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.800 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

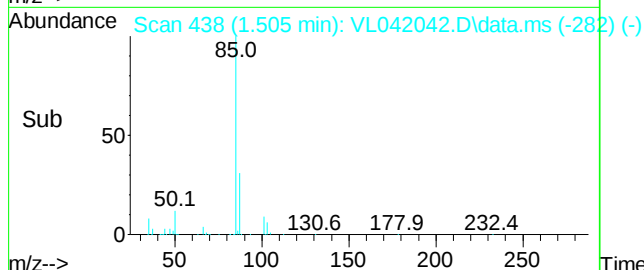
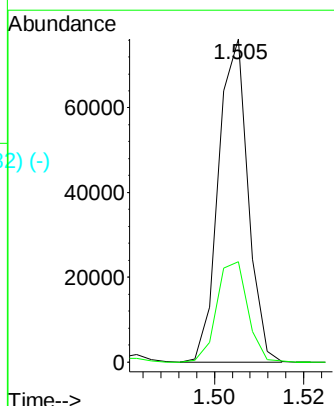
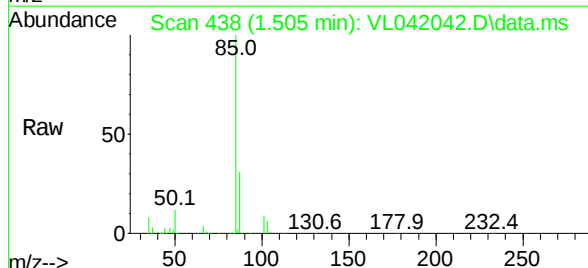
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

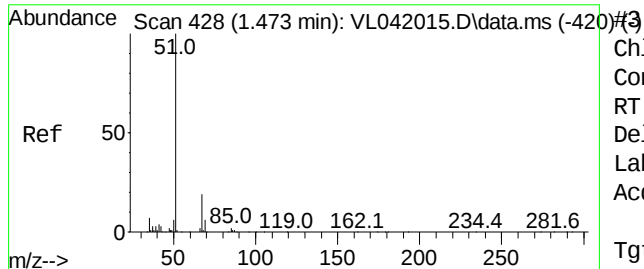
Tgt Ion: 49 Resp: 160999
 Ion Ratio Lower Upper
 49 100
 128 44.0 22.7 68.0
 130 54.7 29.9 89.8



Dichlorodifluoromethane
 Concen: 1.267 ppbv
 RT: 1.505 min Scan# 438
 Delta R.T. 0.003 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

Tgt Ion: 85 Resp: 35122
 Ion Ratio Lower Upper
 85 100
 87 31.0 26.9 40.3

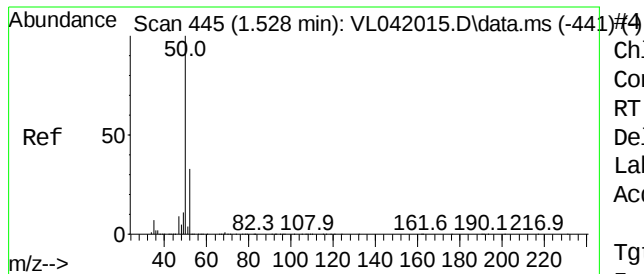
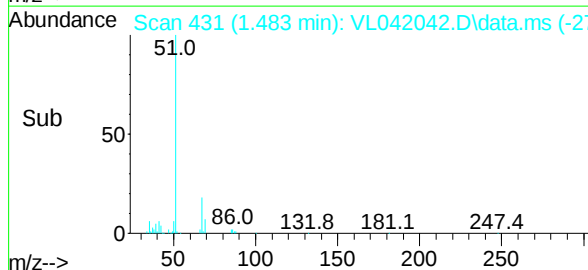
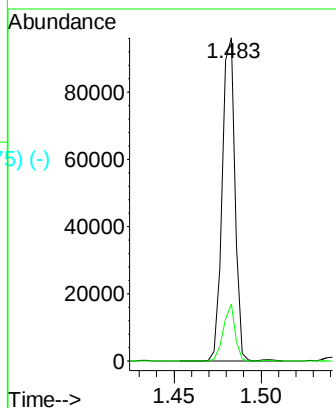
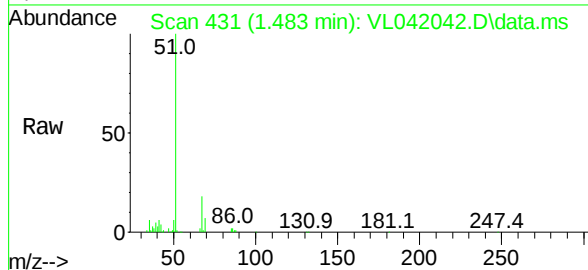




Chlorodifluoromethane
Concen: 1.613 ppbv
RT: 1.483 min Scan#
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

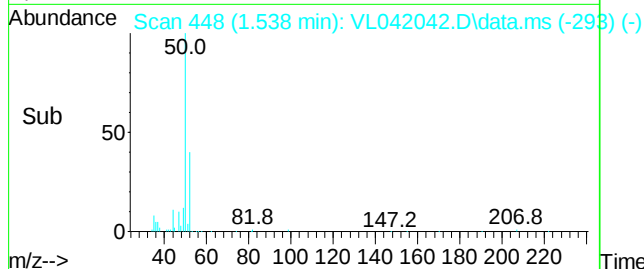
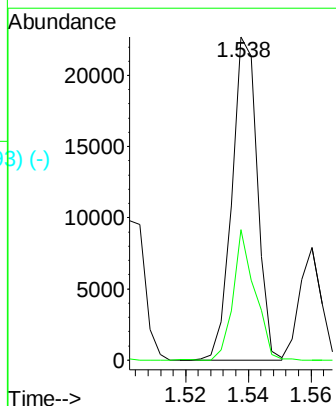
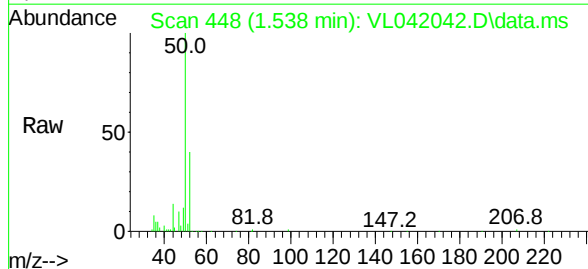
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

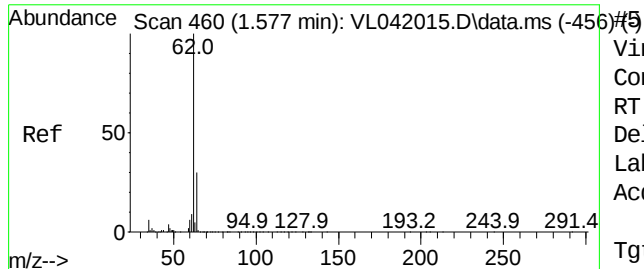
Tgt Ion: 51 Resp: 49423
Ion Ratio Lower Upper
51 100
67 16.1 15.0 22.6



Chloromethane
Concen: 1.192 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.000 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Tgt Ion: 50 Resp: 12833
Ion Ratio Lower Upper
50 100
52 40.2 26.2 39.2#

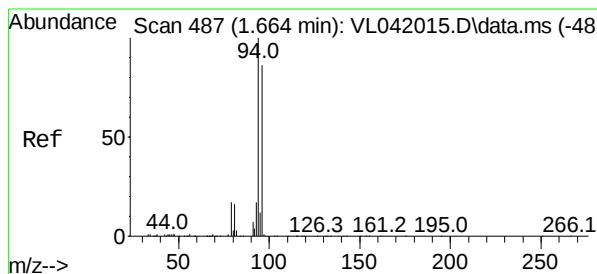
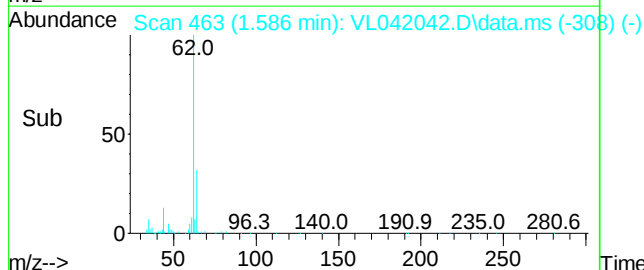
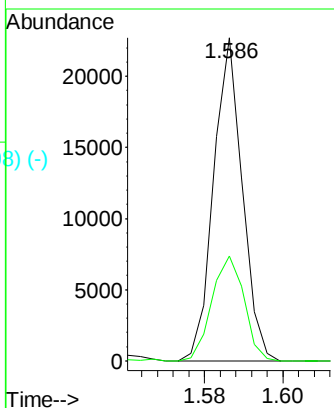
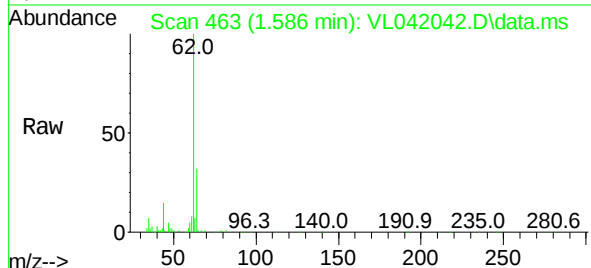




Vinyl Chloride
 Concen: 0.902 ppbv
 RT: 1.586 min Scan#
 Delta R.T. 0.000 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

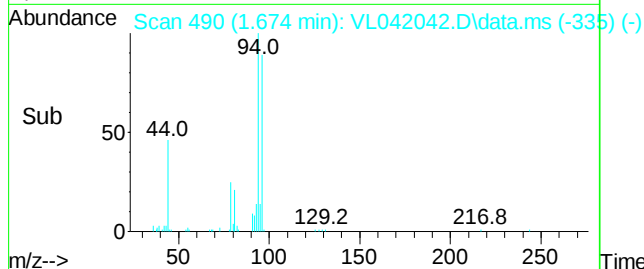
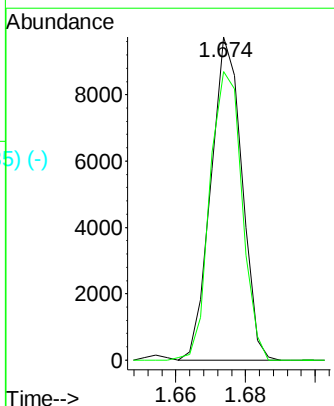
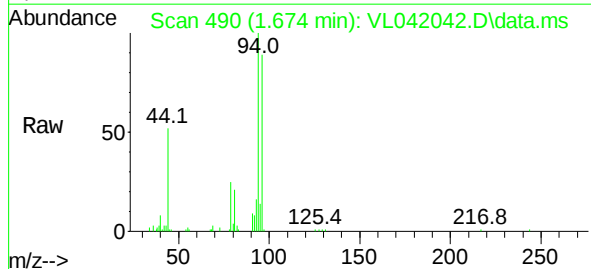
Instrument :
 MSVOA_L
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 VSTDIC002

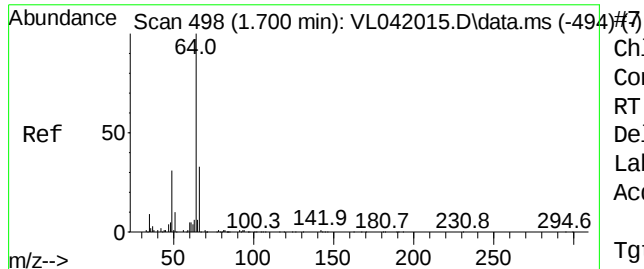
Tgt Ion: 62 Resp: 11611
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.4 36.6



Bromomethane
 Concen: 1.201 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

Tgt Ion: 94 Resp: 5996
 Ion Ratio Lower Upper
 94 100
 96 89.3 69.0 103.6

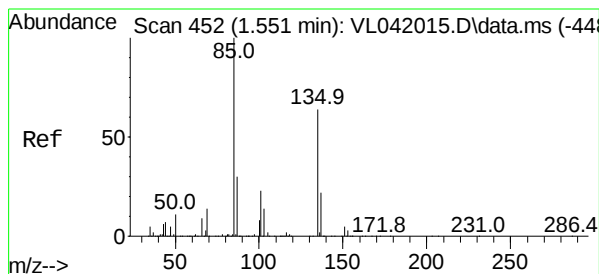
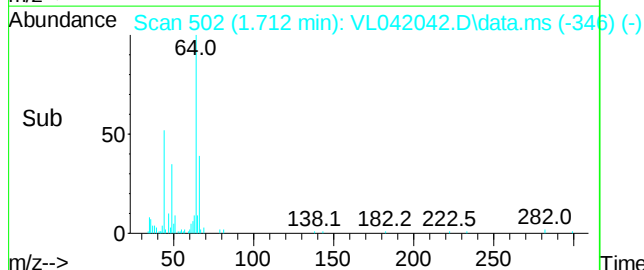
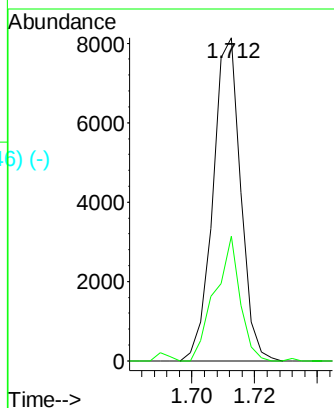
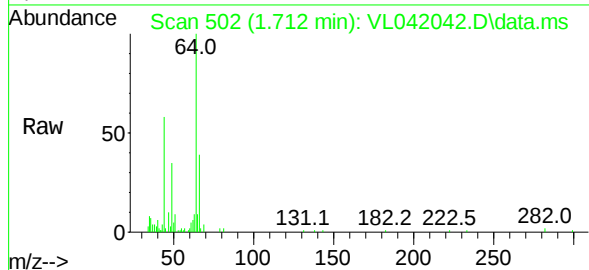




Chloroethane
 Concen: 1.195 ppbv
 RT: 1.712 min Scan#
 Delta R.T. 0.003 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

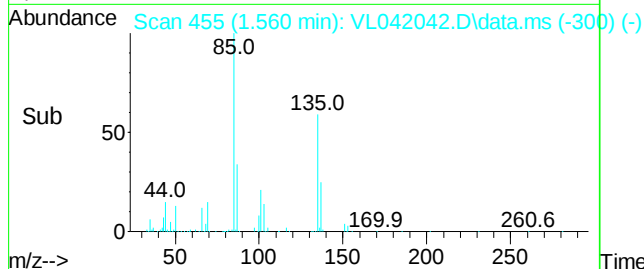
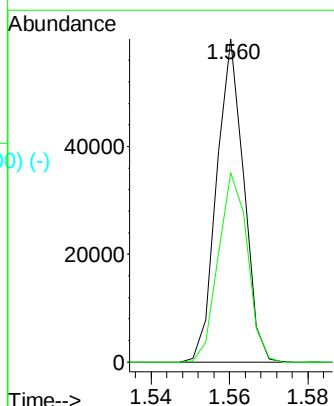
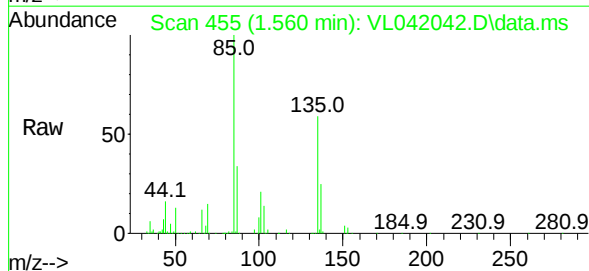
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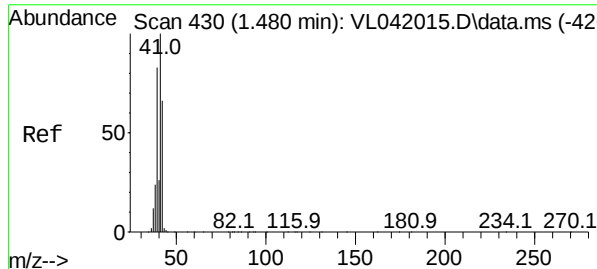
Tgt Ion: 64 Resp: 5014
 Ion Ratio Lower Upper
 64 100
 66 38.7 26.5 39.7



Dichlorotetrafluoroethane
 Concen: 1.191 ppbv
 RT: 1.560 min Scan# 455
 Delta R.T. 0.000 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

Tgt Ion: 85 Resp: 29028
 Ion Ratio Lower Upper
 85 100
 135 63.1 50.9 76.3

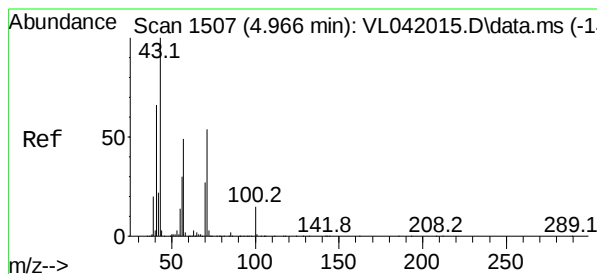
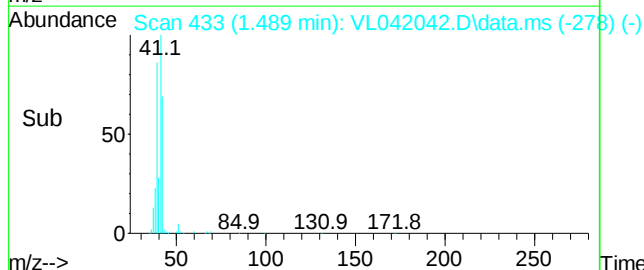
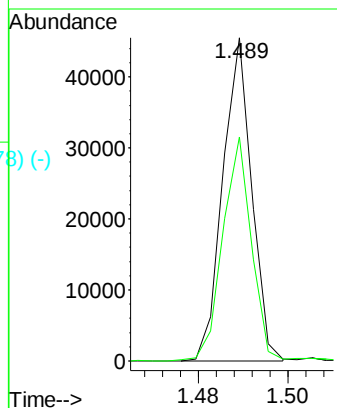
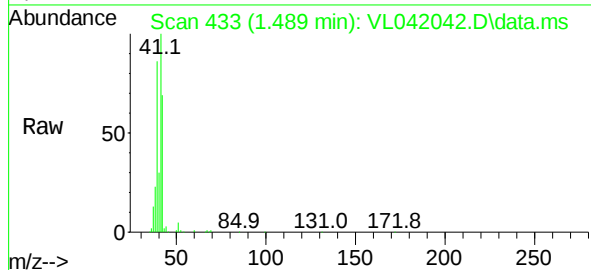




Propene
 Concen: 1.551 ppbv
 RT: 1.489 min Scan#
 Delta R.T. 0.000 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

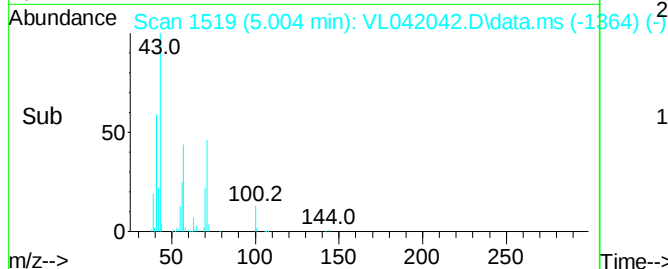
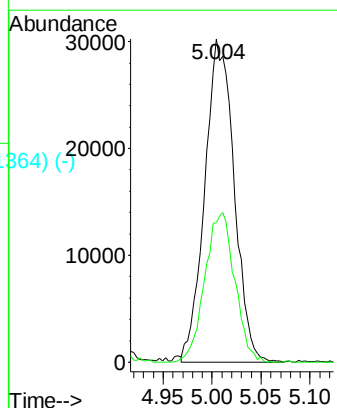
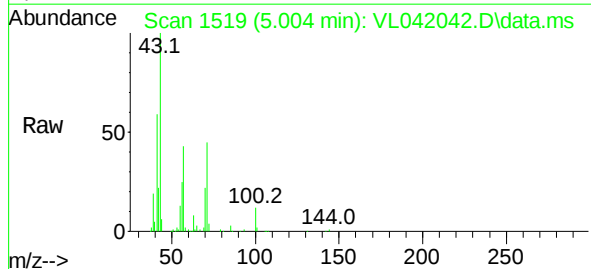
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 41 Resp: 20484
 Ion Ratio Lower Upper
 41 100
 42 70.7 53.5 80.3



Heptane
 Concen: 1.720 ppbv
 RT: 5.004 min Scan# 1519
 Delta R.T. 0.000 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

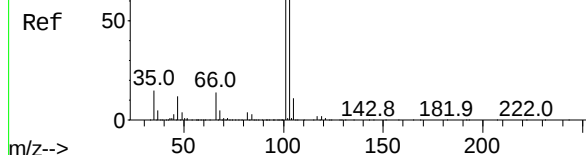
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 Ion Ratio Lower Upper
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 57 47.0 41.0 61.6



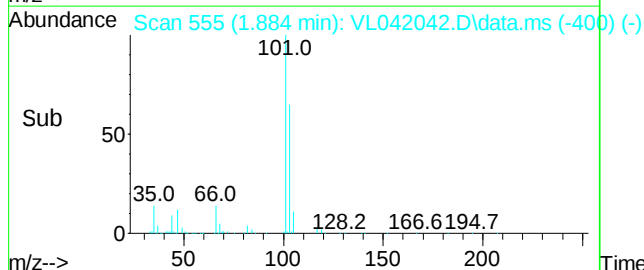
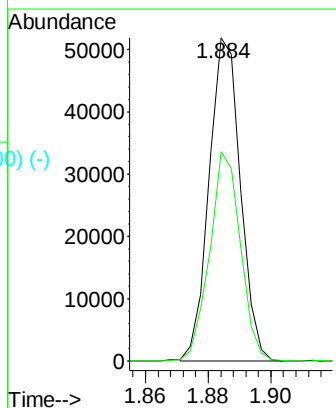
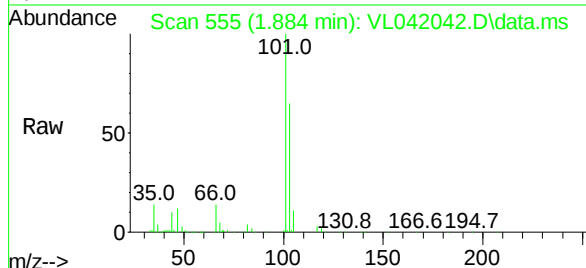
Abundance Scan 551 (1.871 min): VL042015.D\data.ms (-545) #11

Trichlorofluoromethane
Concen: 1.292 ppbv
RT: 1.884 min Scan# 551
Delta R.T. 0.000 min
Lab File: VL042042.D
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VSTDIC002



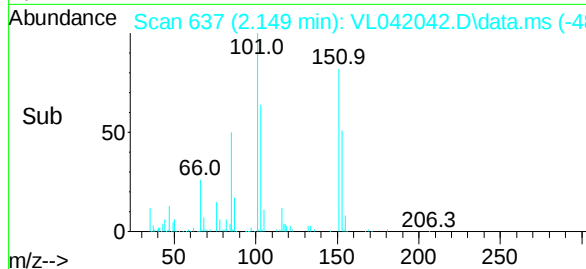
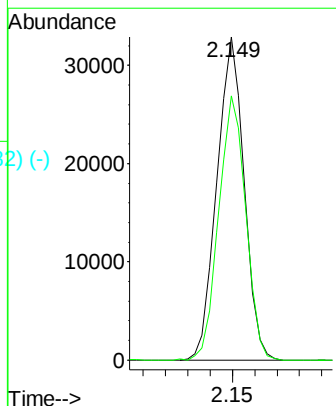
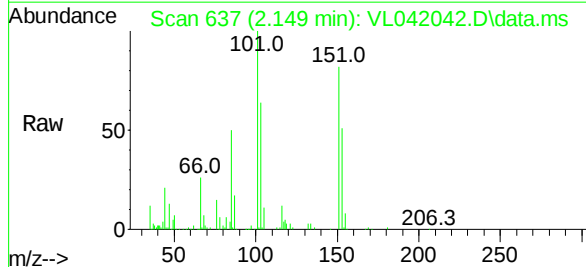
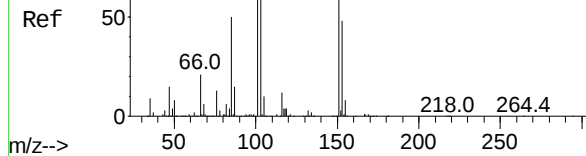
Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.9	79.3

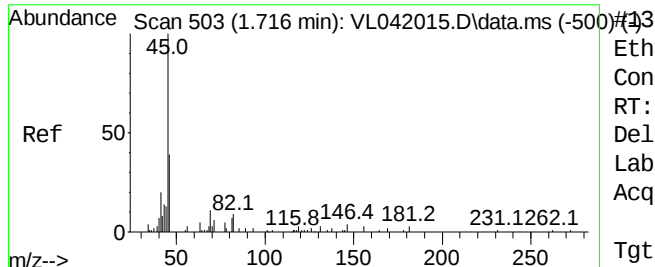


Abundance Scan 632 (2.134 min): VL042015.D\data.ms (-622) #12

1,1,2-Trichlorotrifluoroethane
Concen: 1.280 ppbv
RT: 2.149 min Scan# 637
Delta R.T. 0.000 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Tgt Ion	Ratio	Lower	Upper
101	100		
151	81.3	58.2	87.2

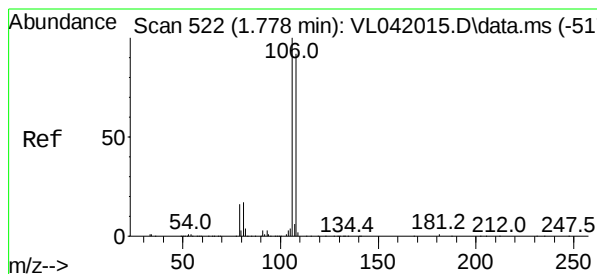
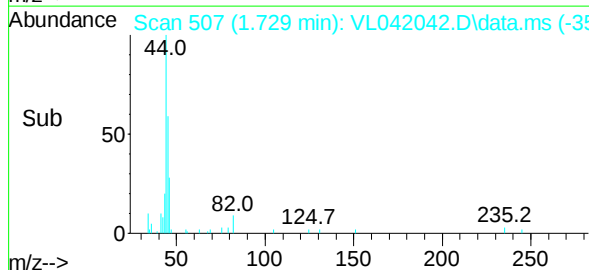
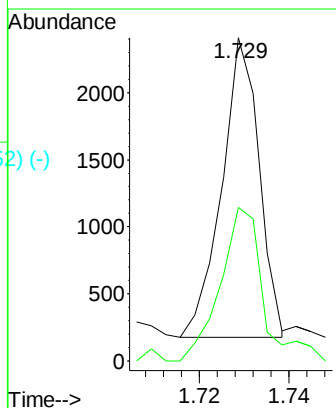
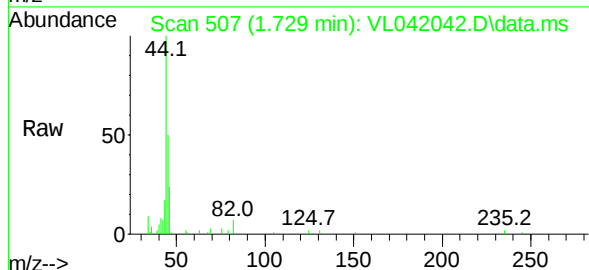




Ethanol
Concen: 0.866 ppbv
RT: 1.729 min Scan#
Delta R.T. 0.000 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

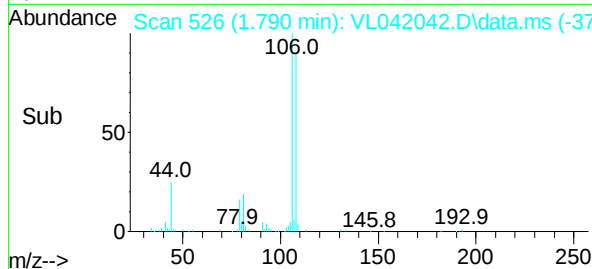
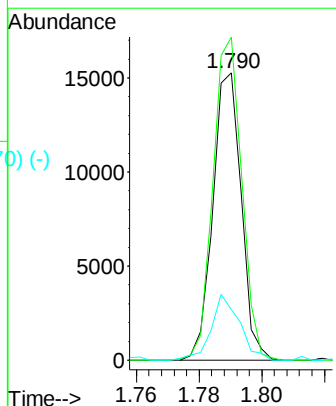
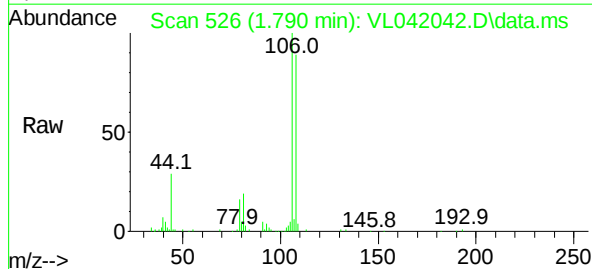
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

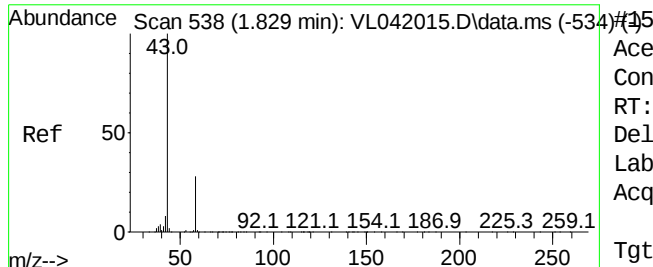
Tgt Ion: 45 Resp: 1291
Ion Ratio Lower Upper
45 100
46 59.8 21.3 85.1



Bromoethene
Concen: 1.187 ppbv
RT: 1.790 min Scan# 526
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Tgt Ion: 108 Resp: 9642
Ion Ratio Lower Upper
108 100
106 114.2 85.0 127.6
79 23.8 17.3 25.9

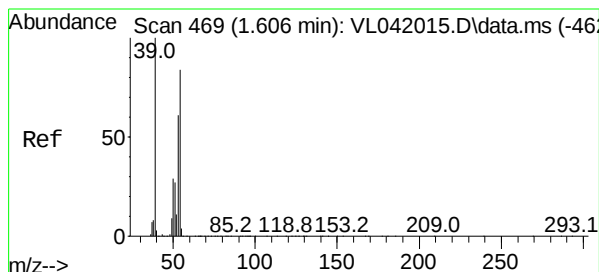
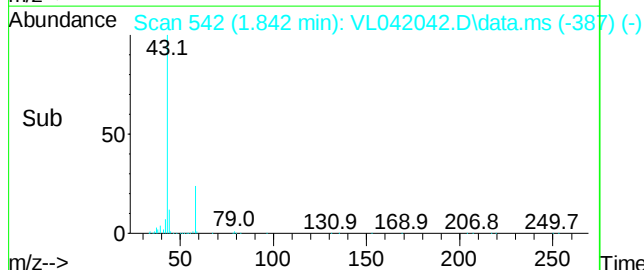
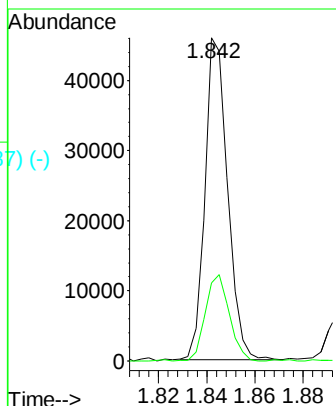
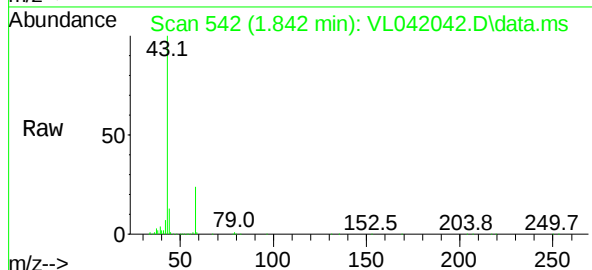




Acetone
Concen: 1.131 ppbv
RT: 1.842 min Scan# 538
Delta R.T. 0.000 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

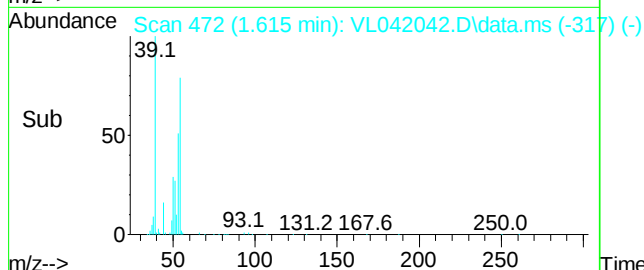
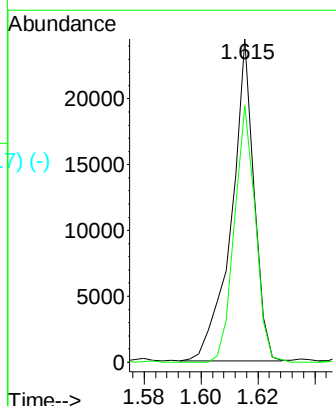
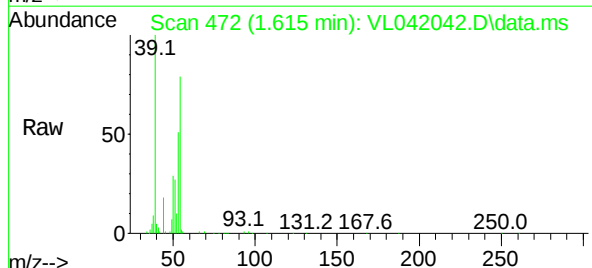
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 43 Resp: 30058
Ion Ratio Lower Upper
43 100
58 28.8 22.9 34.3



1,3-Butadiene
Concen: 1.069 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.000 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

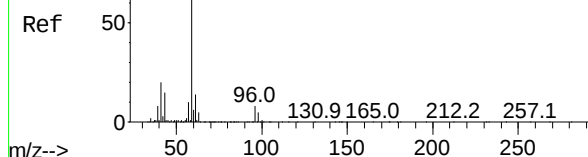
Tgt Ion: 39 Resp: 13471
Ion Ratio Lower Upper
39 100
54 74.0 59.4 89.2



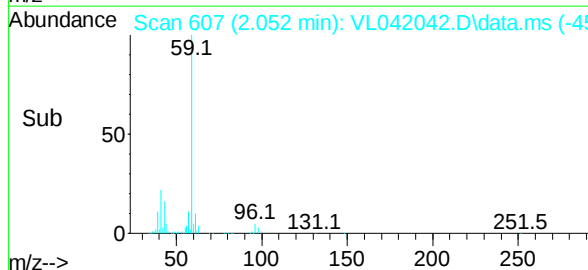
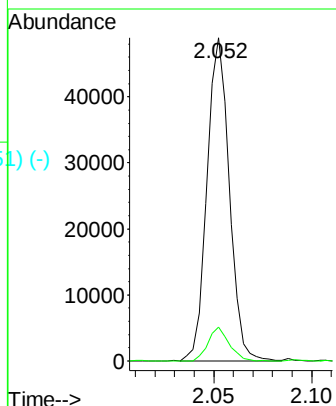
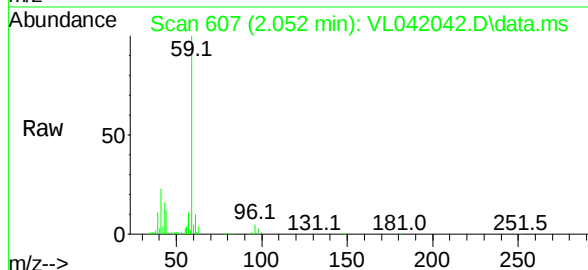
Abundance Scan 602 (2.036 min): VL042015.D\data.ms (-594) #17

tert-Butyl alcohol
Concen: 1.176 ppbv
RT: 2.052 min Scan#
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002



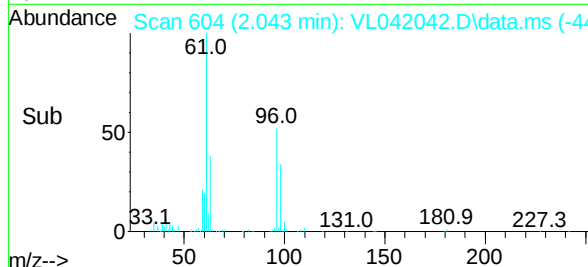
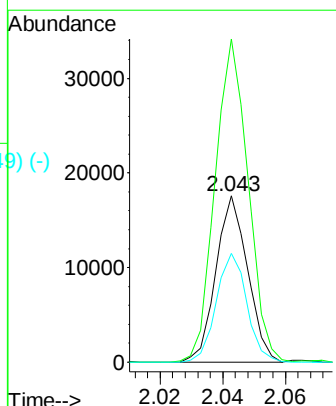
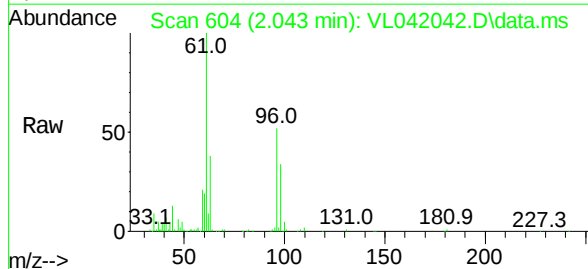
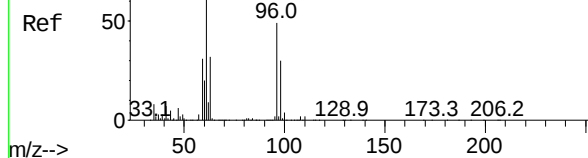
Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.9	9.2	13.8



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

1,1-Dichloroethene
Concen: 1.195 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.000 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

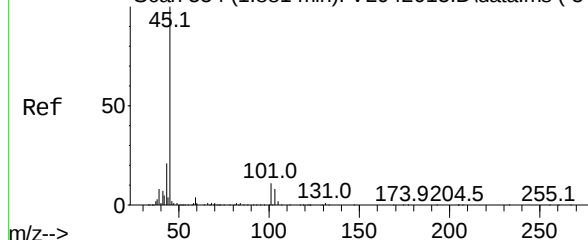
Tgt Ion	Ratio	Lower	Upper
96	100		
61	193.2	163.5	245.3
98	65.1	49.4	74.0



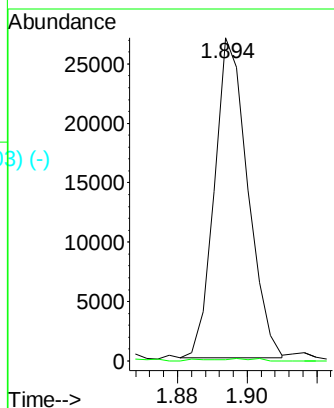
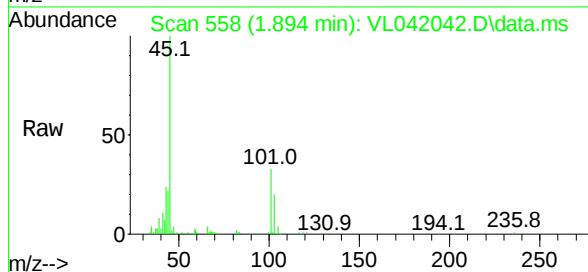
Abundance Scan 554 (1.881 min): VL042015.D\data.ms (-548) #19

Isopropyl Alcohol
Concen: 1.203 ppbv
RT: 1.894 min Scan#
Delta R.T. 0.000 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

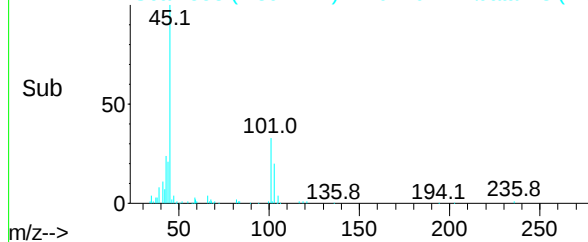
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 45 Resp: 17927
Ion Ratio Lower Upper
45 100
58 48.2 36.2 54.4



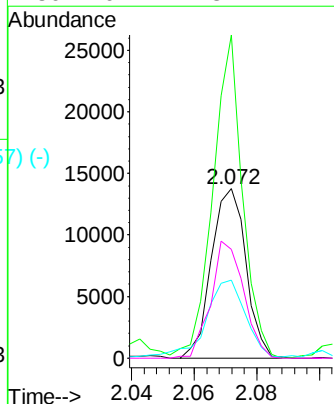
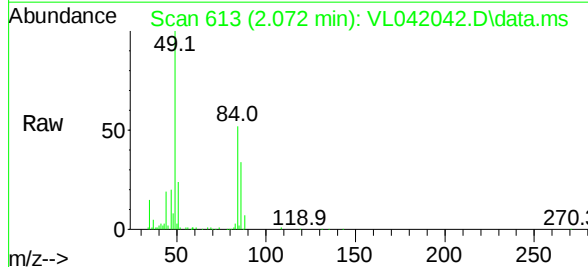
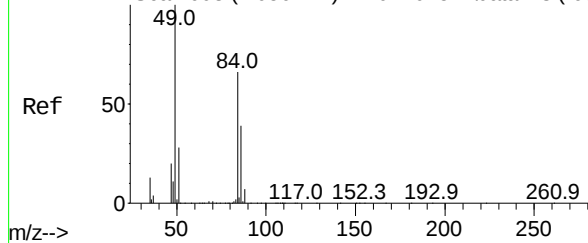
Abundance Scan 558 (1.894 min): VL042042.D\data.ms (-408) (-)



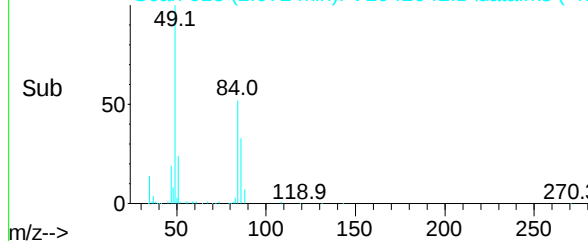
Abundance Scan 608 (2.056 min): VL042015.D\data.ms (-603) #20

Methylene Chloride
Concen: 1.058 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

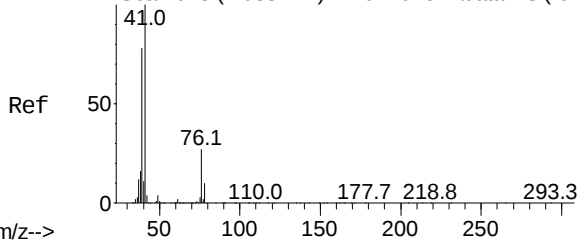
Tgt Ion: 84 Resp: 10587
Ion Ratio Lower Upper
84 100
49 190.7 121.0 181.4#
51 45.4 35.1 52.7
86 64.2 48.2 72.4



Abundance Scan 613 (2.072 min): VL042042.D\data.ms (-457) (-)



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

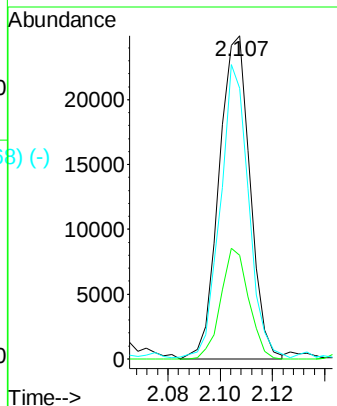
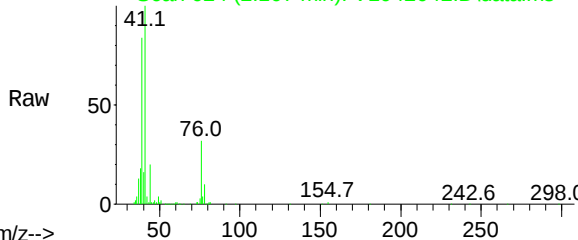


Allyl Chloride
Concen: 1.069 ppbv
RT: 2.107 min Scan#
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

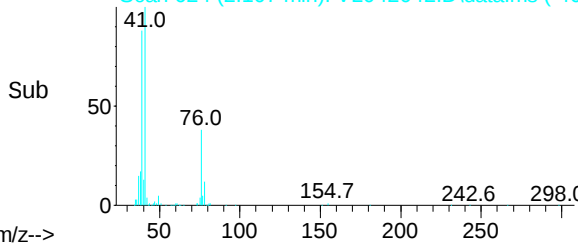
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:	41	Resp:	20564
Ion	Ratio	Lower	Upper
41	100		
76	30.7	23.7	35.5
39	82.6	63.0	94.6

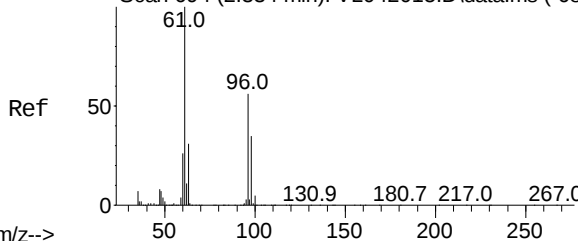
Abundance Scan 624 (2.107 min): VL042042.D\data.ms



Abundance Scan 624 (2.107 min): VL042042.D\data.ms (-468) (-)



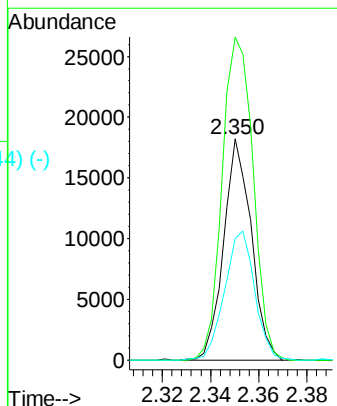
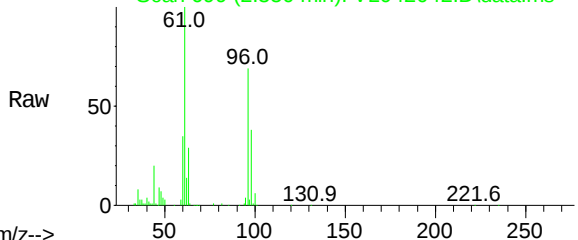
Abundance Scan 694 (2.334 min): VL042015.D\data.ms (-687) #22



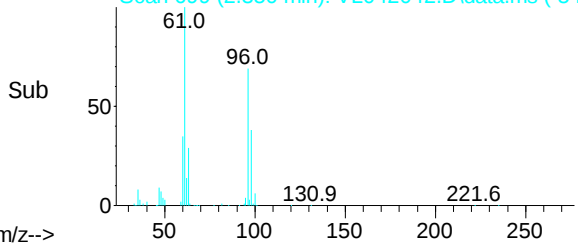
trans-1,2-Dichloroethene
Concen: 1.283 ppbv
RT: 2.350 min Scan# 699
Delta R.T. 0.000 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

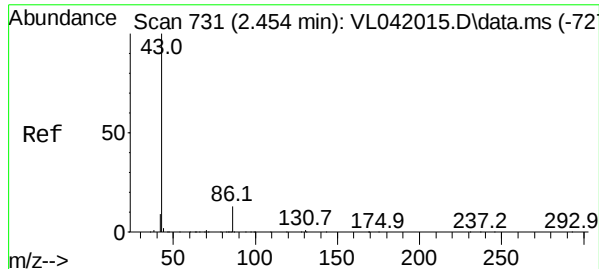
Tgt Ion:	96	Resp:	14475
Ion	Ratio	Lower	Upper
96	100		
61	145.8	142.3	213.5
98	54.9	50.2	75.2

Abundance Scan 699 (2.350 min): VL042042.D\data.ms



Abundance Scan 699 (2.350 min): VL042042.D\data.ms (-544) (-)

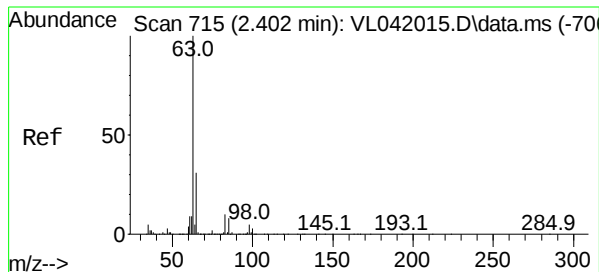
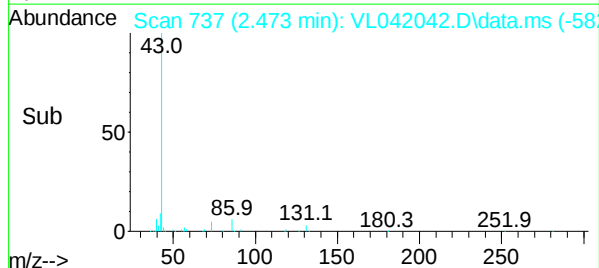
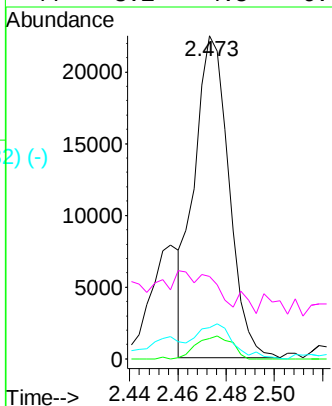
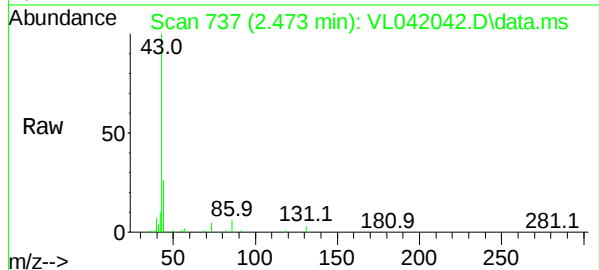




Vinyl Acetate
 Concen: 1.556 ppbv
 RT: 2.473 min Scan#
 Delta R.T. 0.000 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

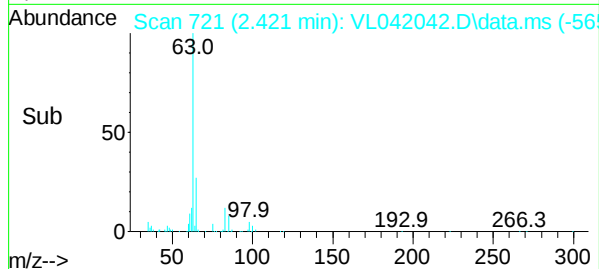
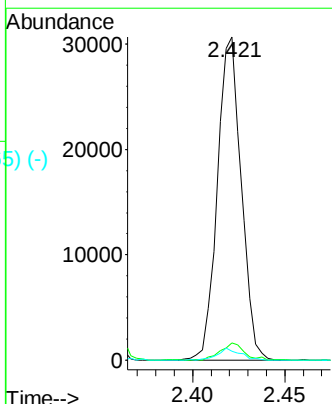
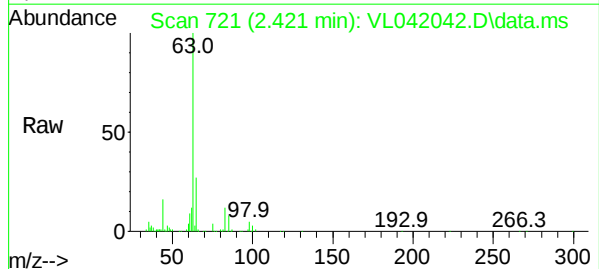
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

Tgt Ion:	43	Resp:	22394
Ion	Ratio	Lower	Upper
43	100		
86	6.3	8.1	12.1#
42	9.4	7.5	11.3
44	8.1	4.5	6.7#

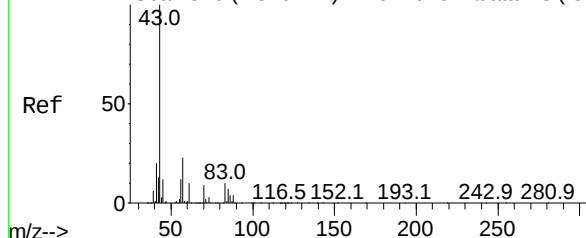


1,1-Dichloroethane
 Concen: 1.214 ppbv
 RT: 2.421 min Scan# 721
 Delta R.T. 0.003 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

Tgt Ion:	63	Resp:	27804
Ion	Ratio	Lower	Upper
63	100		
98	5.1	2.4	7.2
100	2.7	1.6	4.8



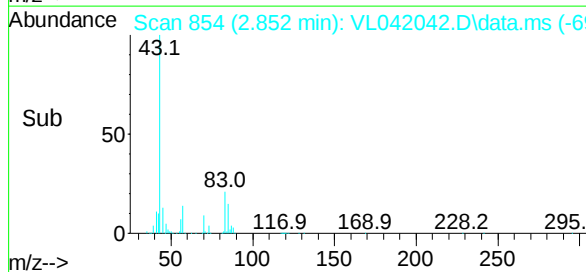
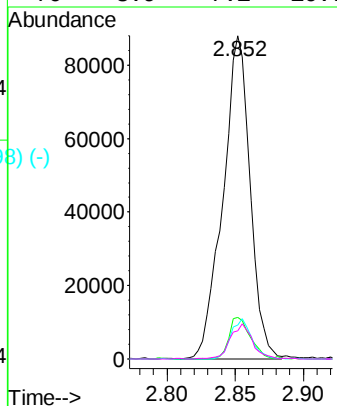
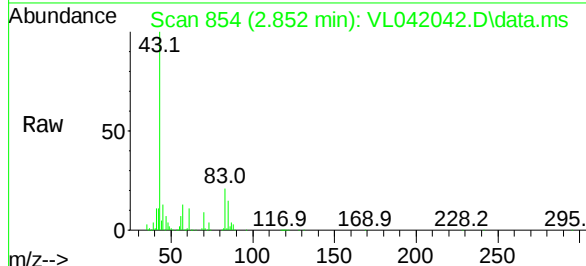
Abundance Scan 846 (2.826 min): VL042015.D\data.ms (-833) #25



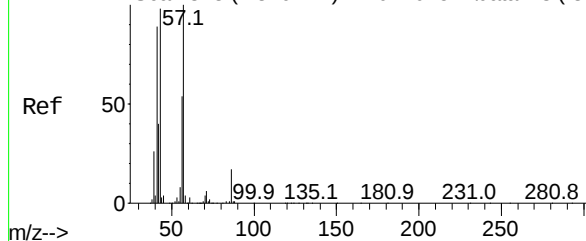
Ethyl Acetate
Concen: 1.667 ppbv
RT: 2.852 min Scan#
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

Tgt Ion:	43	Resp:	121593
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.1	12.1
61	9.6	7.5	11.3
70	8.9	7.1	10.7

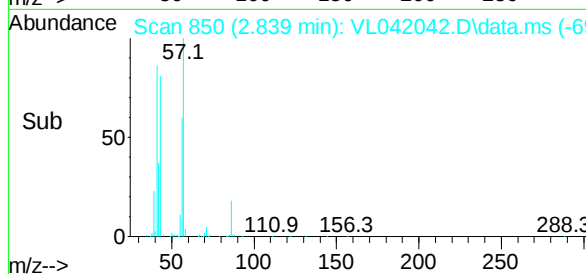
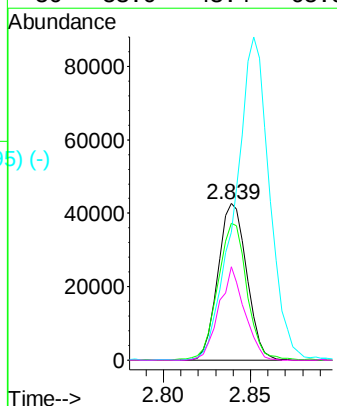
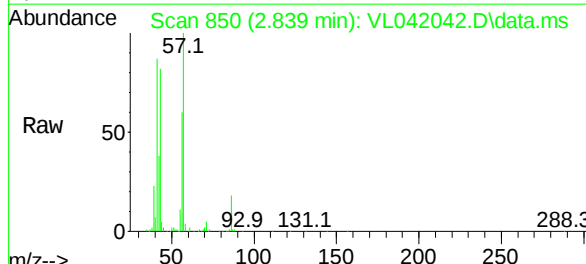


Abundance Scan 843 (2.816 min): VL042015.D\data.ms (-833) #26



Hexane
Concen: 1.671 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.000 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Tgt Ion:	57	Resp:	48912
Ion	Ratio	Lower	Upper
57	100		
41	89.0	73.2	109.8
43	249.1	200.8	301.2
56	53.0	43.4	65.0



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

Carbon Disulfide

Concen: 1.207 ppbv

RT: 2.159 min Scan#

Delta R.T. 0.000 min

Lab File: VL042042.D

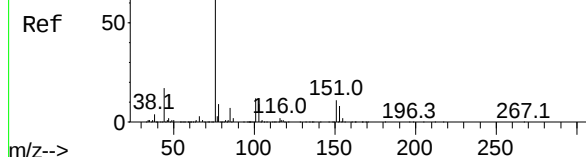
Acq: 25 Feb 2025 09:29

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC002



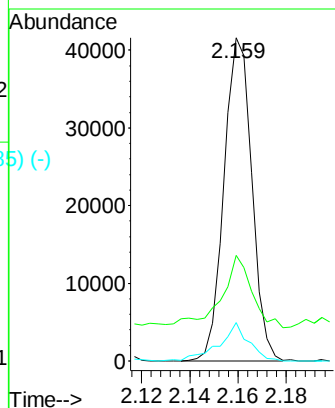
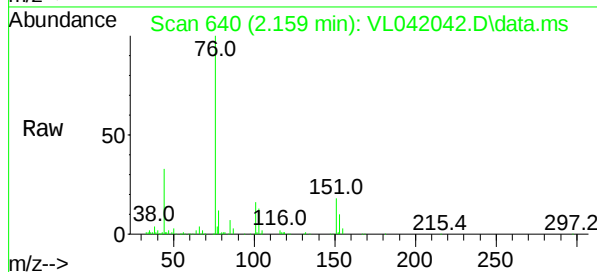
Tgt Ion: 76 Resp: 33222

Ion Ratio Lower Upper

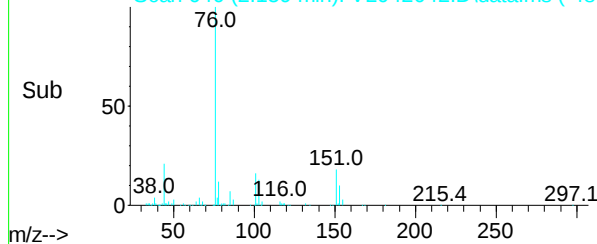
76 100

44 53.5 18.1 27.1#

78 12.5 9.5 14.3



Abundance Scan 640 (2.159 min): VL042042.D\data.ms (-485) (-)



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

Methyl tert-Butyl Ether

Concen: 1.507 ppbv

RT: 2.457 min Scan# 732

Delta R.T. 0.003 min

Lab File: VL042042.D

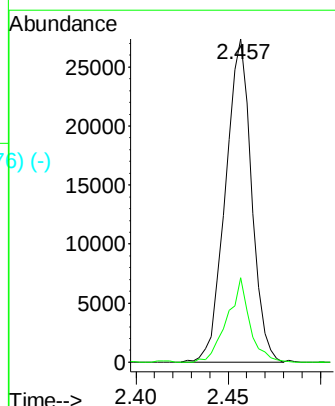
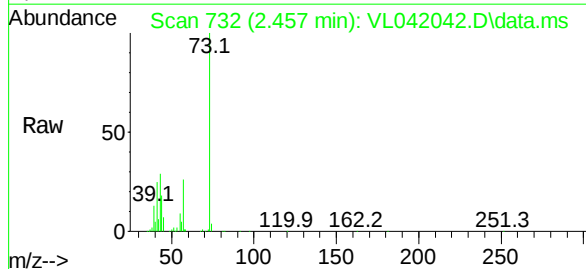
Acq: 25 Feb 2025 09:29

Tgt Ion: 73 Resp: 26968

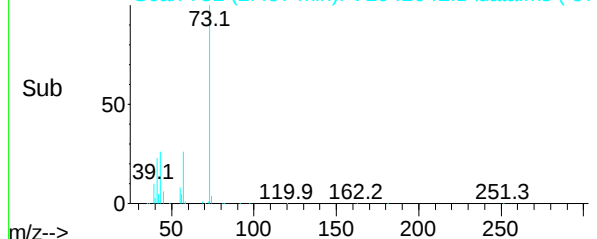
Ion Ratio Lower Upper

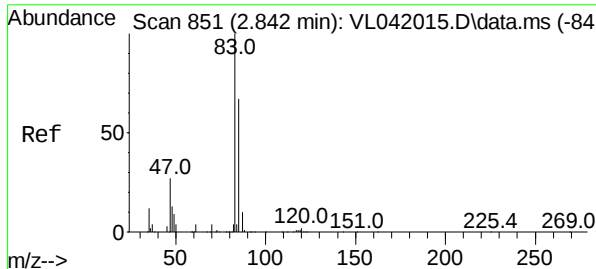
73 100

57 22.9 18.3 27.5



Abundance Scan 732 (2.457 min): VL042042.D\data.ms (-576) (-)

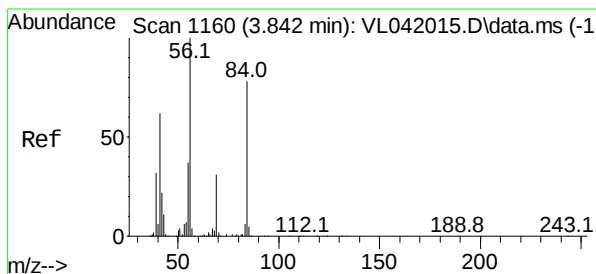
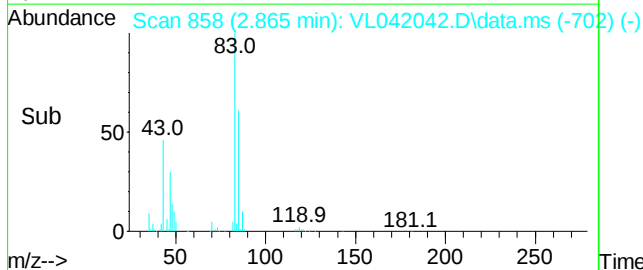
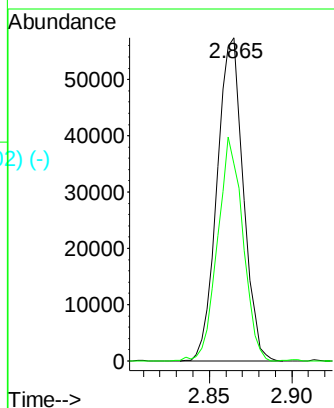
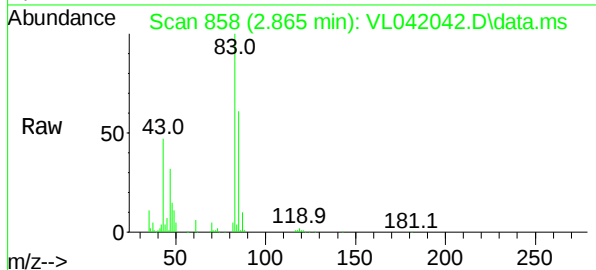




Chloroform
 Concen: 1.497 ppbv
 RT: 2.865 min Scan#
 Delta R.T. 0.003 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

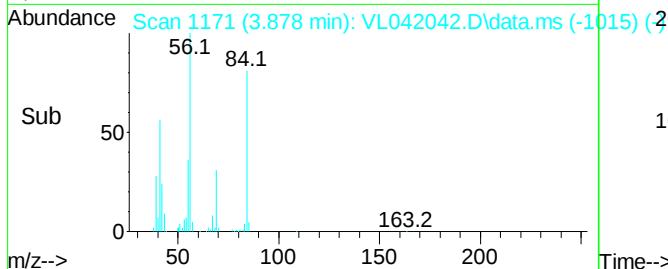
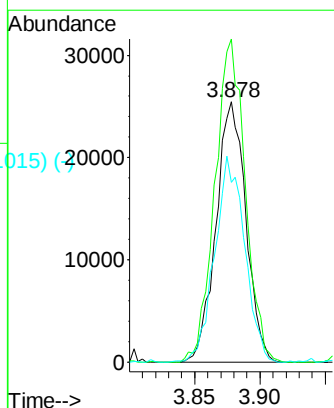
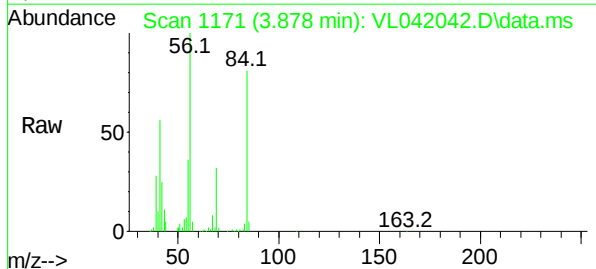
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

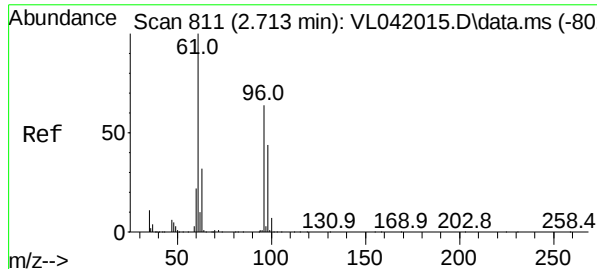
Tgt Ion: 83 Resp: 63463
 Ion Ratio Lower Upper
 83 100
 85 60.8 53.8 80.6



Cyclohexane
 Concen: 1.702 ppbv
 RT: 3.878 min Scan# 1171
 Delta R.T. 0.003 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

Tgt Ion: 84 Resp: 40420
 Ion Ratio Lower Upper
 84 100
 56 125.8 99.5 149.3
 41 79.4 62.2 93.2

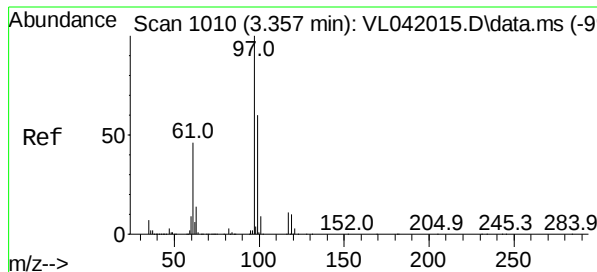
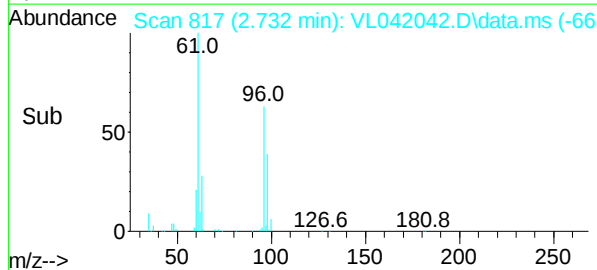
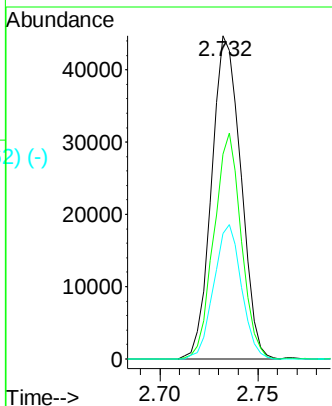
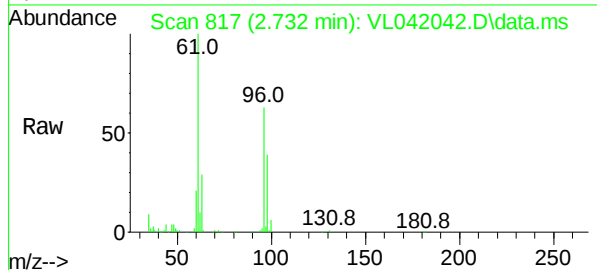




cis-1,2-Dichloroethene
Concen: 1.614 ppbv
RT: 2.732 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

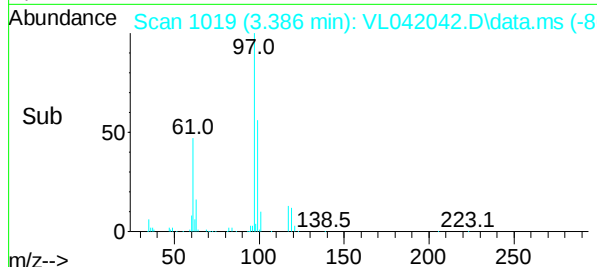
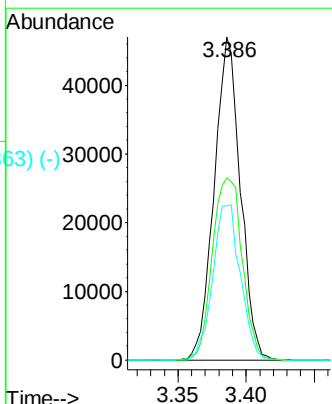
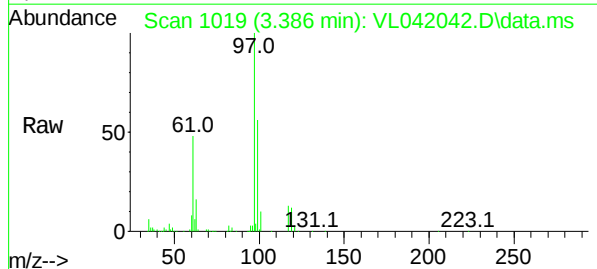
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:	61	Resp:	46690
Ion	Ratio	Lower	Upper
61	100		
96	63.4	51.6	77.4
98	38.9	34.8	52.2

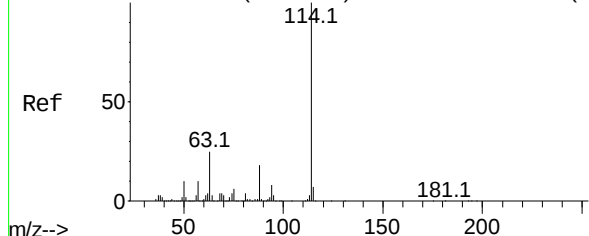


1,1,1-Trichloroethane
Concen: 1.331 ppbv
RT: 3.386 min Scan# 1019
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Tgt Ion:	97	Resp:	62586
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.4
61	50.9	37.9	56.9



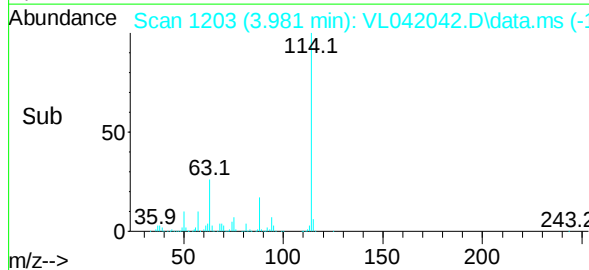
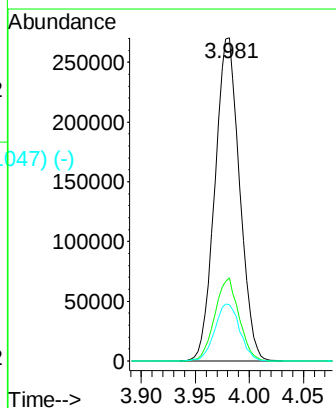
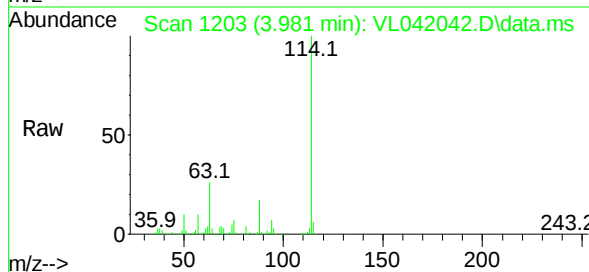
Abundance Scan 1192 (3.946 min): VL042015.D\data.ms (-11753)



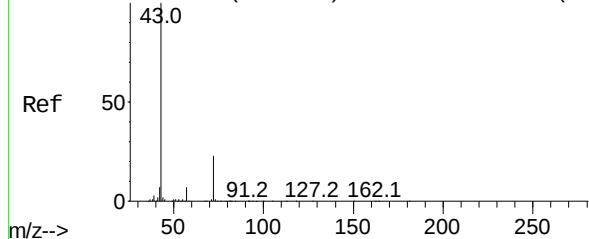
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.981 min Scan#
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

Tgt Ion:	114	Resp:	427051
Ion	Ratio	Lower	Upper
114	100		
63	25.1	20.2	30.2
88	17.8	14.4	21.6

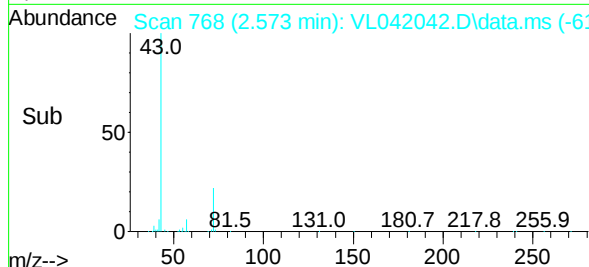
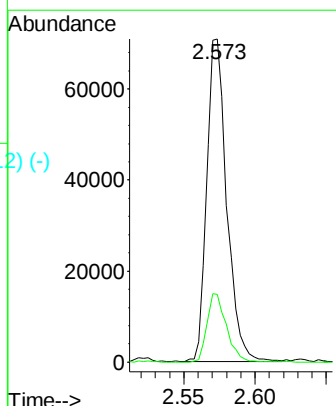
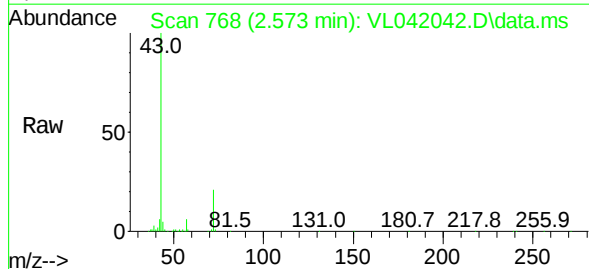


Abundance Scan 761 (2.551 min): VL042015.D\data.ms (-755) #34

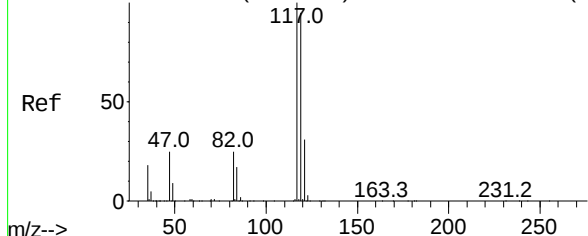


2-Butanone
Concen: 1.888 ppbv
RT: 2.573 min Scan# 768
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Tgt Ion:	43	Resp:	69370
Ion	Ratio	Lower	Upper
43	100		
72	20.7	18.3	27.5



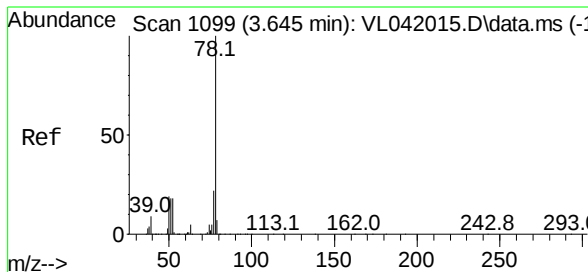
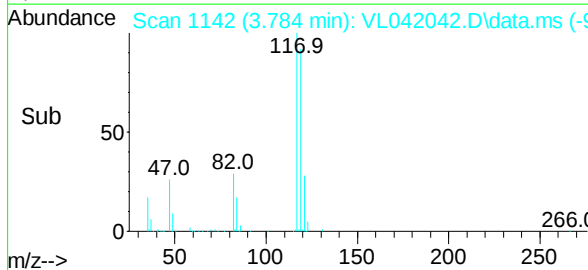
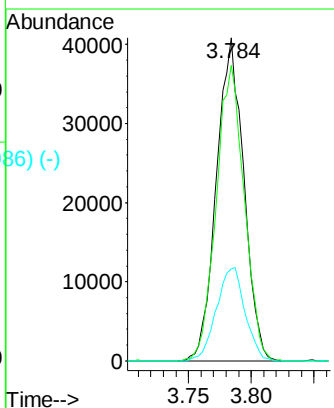
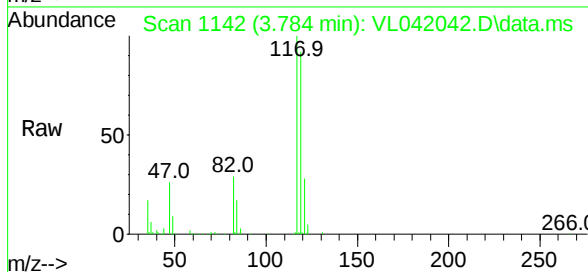
Abundance Scan 1132 (3.752 min): VL042015.D\data.ms (-111635)



Carbon Tetrachloride
Concen: 1.493 ppbv
RT: 3.784 min Scan#
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

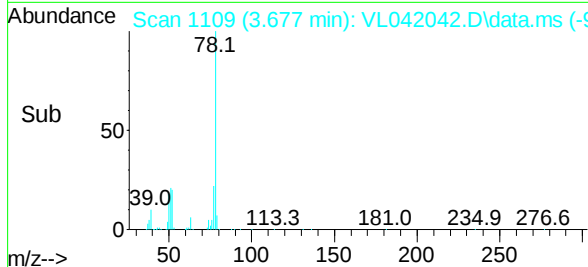
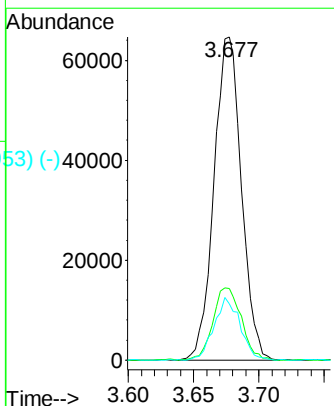
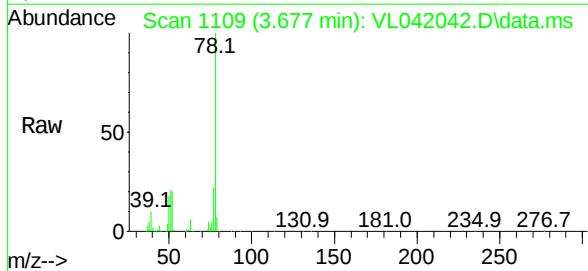
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

Tgt Ion:117 Resp: 61895
Ion Ratio Lower Upper
117 100
119 91.5 75.8 113.6
121 28.5 24.6 36.8



Benzene
Concen: 1.822 ppbv
RT: 3.677 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Tgt Ion: 78 Resp: 94277
Ion Ratio Lower Upper
78 100
77 22.1 18.0 27.0
50 17.4 15.2 22.8



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

1,2-Dichloroethane

Concen: 1.734 ppbv

RT: 3.237 min Scan#

Delta R.T. 0.003 min

Lab File: VL042042.D

Acq: 25 Feb 2025 09:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

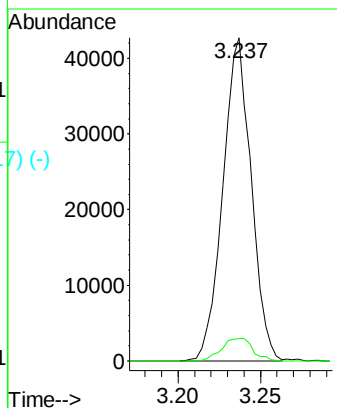
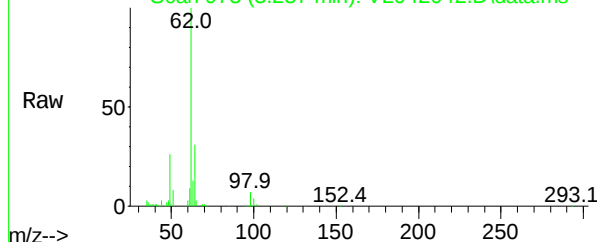
Tgt Ion: 62 Resp: 51050

Ion Ratio Lower Upper

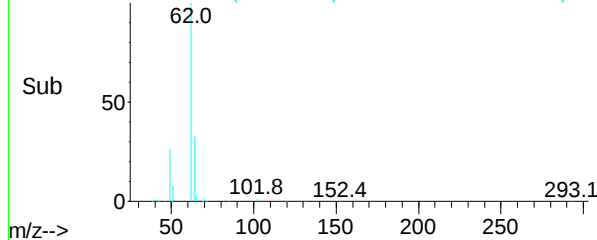
62 100

98 7.6 5.7 8.5

Abundance Scan 973 (3.237 min): VL042042.D\data.ms



Abundance Scan 973 (3.237 min): VL042042.D\data.ms (-817) (-)



Abundance Scan 1373 (4.532 min): VL042015.D\data.ms (-1358) #38

Trichloroethene

Concen: 1.817 ppbv

RT: 4.574 min Scan# 1386

Delta R.T. 0.007 min

Lab File: VL042042.D

Acq: 25 Feb 2025 09:29

Tgt Ion:130 Resp: 38184

Ion Ratio Lower Upper

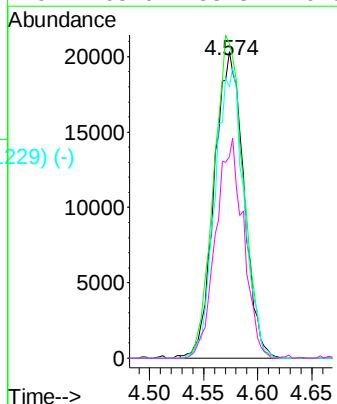
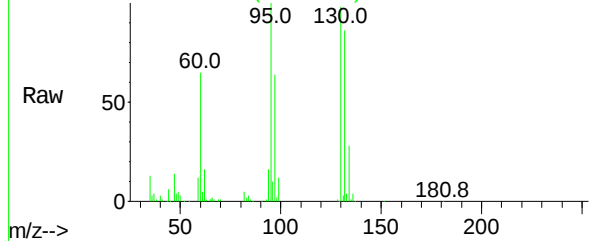
130 100

95 102.6 82.8 124.2

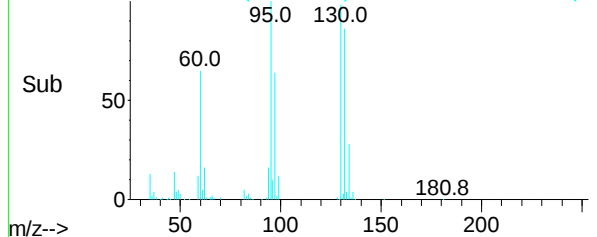
132 88.7 70.0 105.0

97 65.9 53.3 79.9

Abundance Scan 1386 (4.574 min): VL042042.D\data.ms



Abundance Scan 1386 (4.574 min): VL042042.D\data.ms (-1229) (-)



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

1,2-Dichloropropane

Concen: 1.866 ppbv

RT: 4.341 min Scan#

Delta R.T. 0.007 min

Lab File: VL042042.D

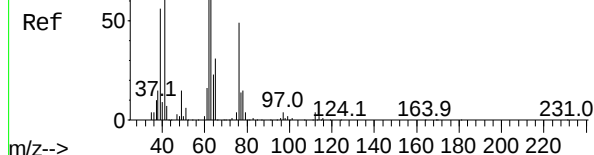
Acq: 25 Feb 2025 09:29

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC002



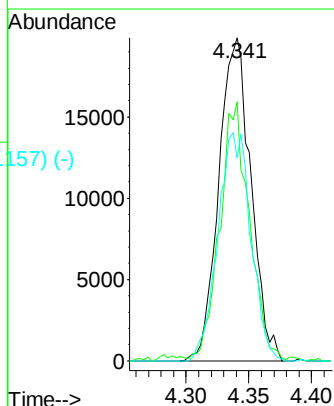
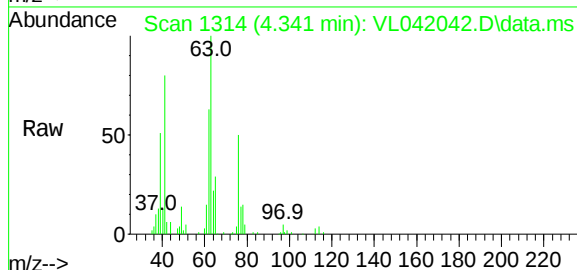
Tgt Ion: 63 Resp: 35396

Ion Ratio Lower Upper

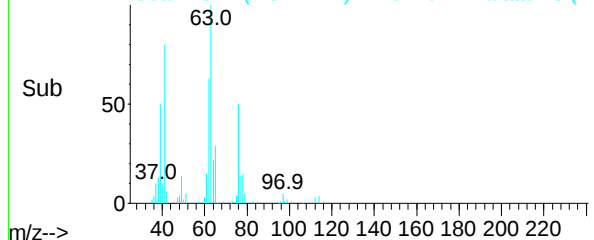
63 100

41 79.2 60.1 90.1

62 62.8 54.0 81.0



Abundance Scan 1314 (4.341 min): VL042042.D\data.ms (-1157) (-)



Abundance Scan 1385 (4.571 min): VL042015.D\data.ms (-137810)

1,4-Dioxane

Concen: 1.565 ppbv

RT: 4.622 min Scan# 1401

Delta R.T. 0.013 min

Lab File: VL042042.D

Acq: 25 Feb 2025 09:29

Tgt Ion: 88 Resp: 15442

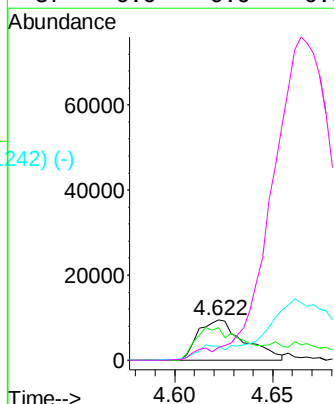
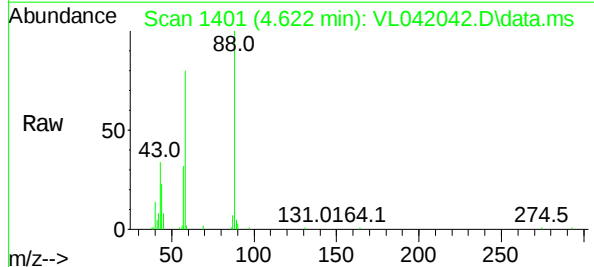
Ion Ratio Lower Upper

88 100

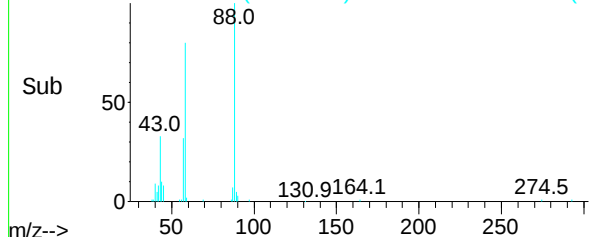
58 138.2 58.1 87.1#

43 0.0 27.3 40.9#

57 0.0 0.0 0.0



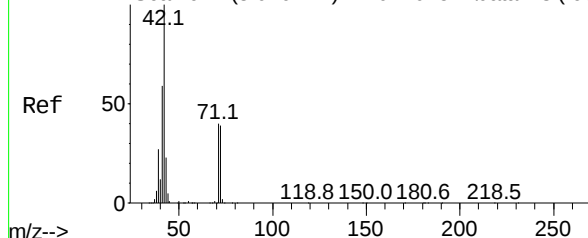
Abundance Scan 1401 (4.622 min): VL042042.D\data.ms (-1242) (-)



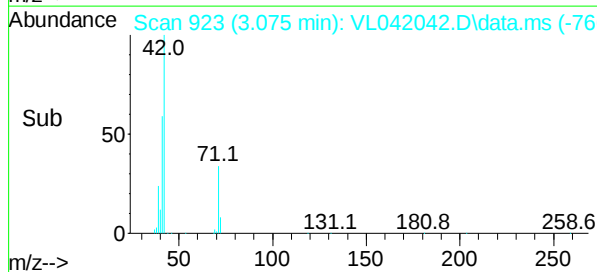
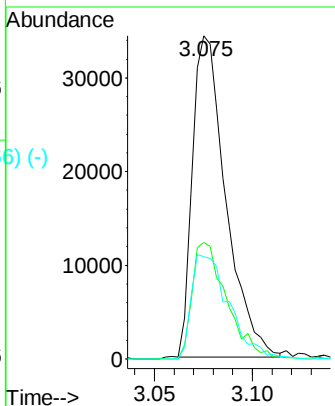
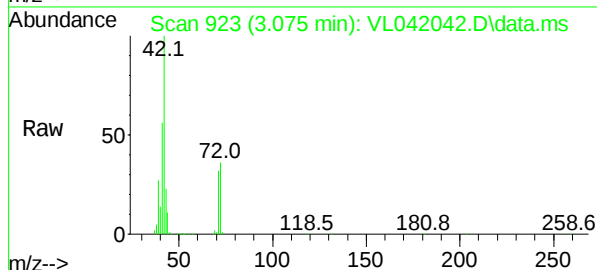
Abundance Scan 914 (3.046 min): VL042015.D\data.ms (-909) #41

Tetrahydrofuran
Concen: 1.922 ppbv
RT: 3.075 min Scan#
Delta R.T. 0.007 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

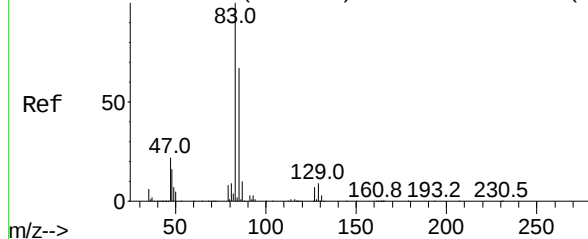


Tgt Ion:	42	Resp:	40365
Ion	Ratio	Lower	Upper
42	100		
72	37.9	32.3	48.5
71	36.7	30.9	46.3

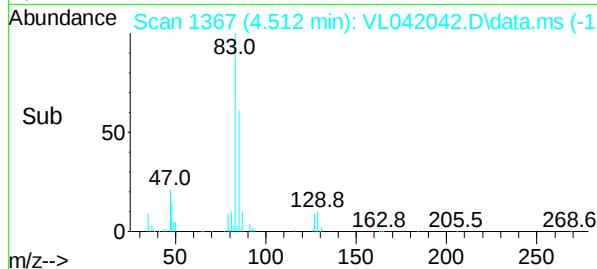
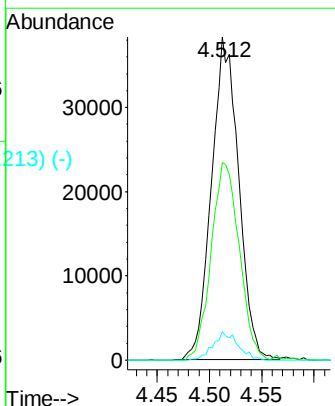
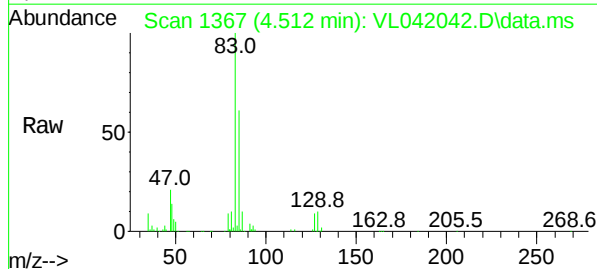


Abundance Scan 1355 (4.474 min): VL042015.D\data.ms (-1340) #42

Bromodichloromethane
Concen: 1.733 ppbv
RT: 4.512 min Scan# 1367
Delta R.T. -0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29



Tgt Ion:	83	Resp:	69154
Ion	Ratio	Lower	Upper
83	100		
85	61.3	53.3	79.9
127	8.9	6.0	9.0



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

Methyl Methacrylate

Concen: 1.543 ppbv

RT: 4.910 min Scan#

Delta R.T. 0.007 min

Lab File: VL042042.D

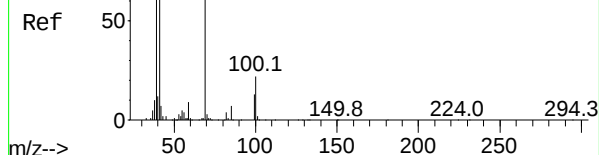
Acq: 25 Feb 2025 09:29

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC002



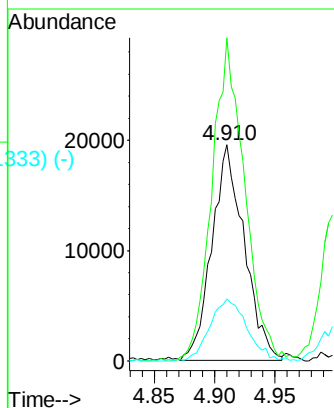
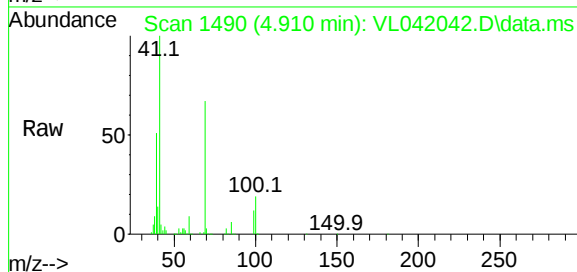
Tgt Ion: 69 Resp: 36393

Ion Ratio Lower Upper

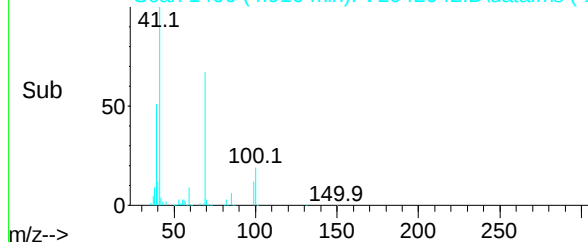
69 100

41 151.7 114.9 172.3

100 33.0 28.8 43.2



Abundance Scan 1490 (4.910 min): VL042042.D\data.ms (-1333) (-)



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

2,2,4-Trimethylpentane

Concen: 1.901 ppbv

RT: 4.664 min Scan# 1414

Delta R.T. 0.000 min

Lab File: VL042042.D

Acq: 25 Feb 2025 09:29

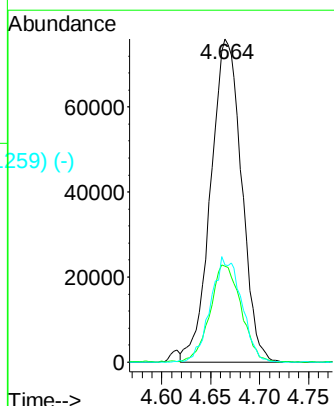
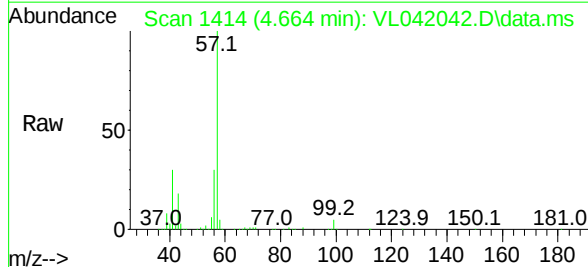
Tgt Ion: 57 Resp: 166945

Ion Ratio Lower Upper

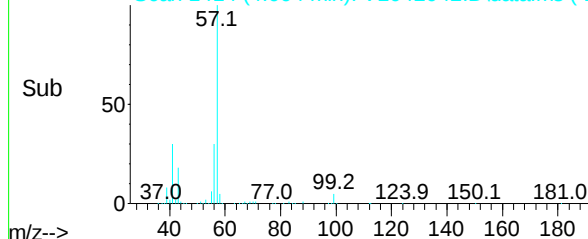
57 100

41 30.6 25.9 38.9

56 32.5 24.9 37.3



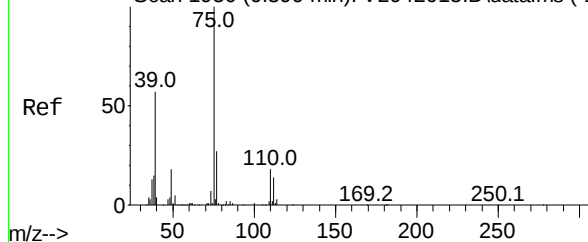
Abundance Scan 1414 (4.664 min): VL042042.D\data.ms (-1259) (-)



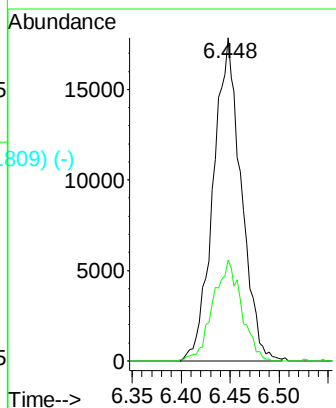
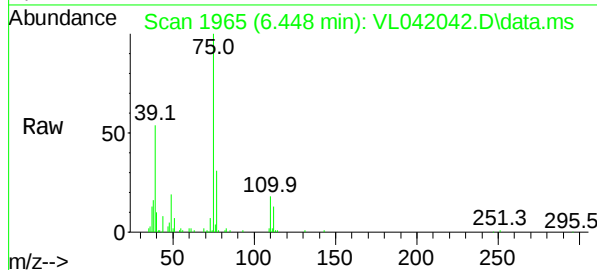
Abundance Scan 1950 (6.399 min): VL042015.D\data.ms (-1935) (-)

t-1,3-Dichloropropene
Concen: 1.604 ppbv
RT: 6.448 min Scan#
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

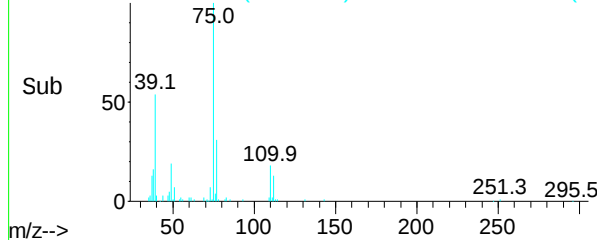
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 75 Resp: 35707
Ion Ratio Lower Upper
75 100
77 31.3 22.1 33.1



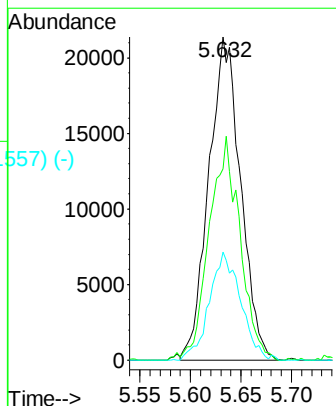
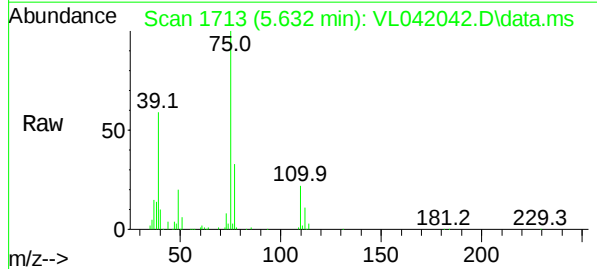
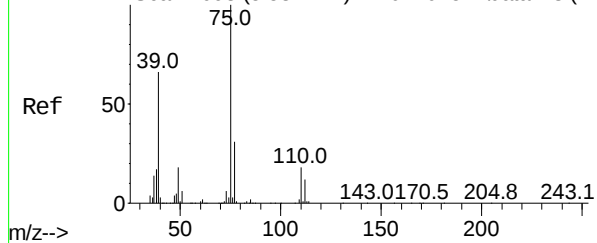
Abundance Scan 1965 (6.448 min): VL042042.D\data.ms (-1809) (-)



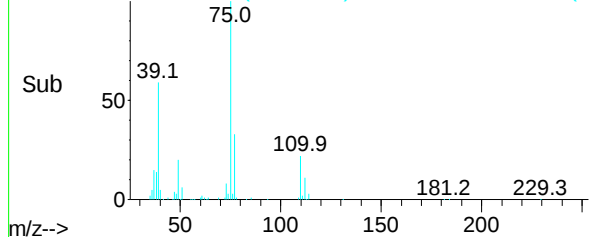
Abundance Scan 1698 (5.584 min): VL042015.D\data.ms (-1682) (-)

cis-1,3-Dichloropropene
Concen: 1.658 ppbv
RT: 5.632 min Scan# 1713
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

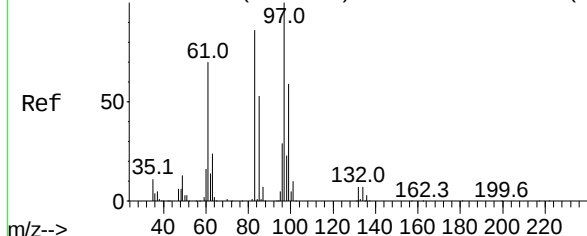
Tgt Ion: 75 Resp: 46835
Ion Ratio Lower Upper
75 100
39 59.1 52.2 78.4
77 33.4 24.5 36.7



Abundance Scan 1713 (5.632 min): VL042042.D\data.ms (-1557) (-)



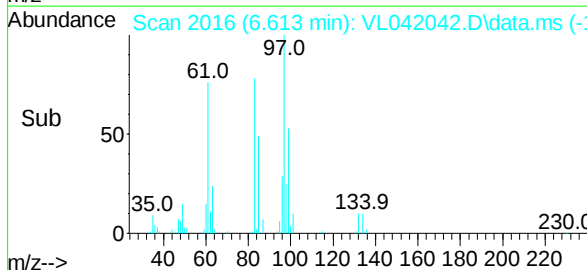
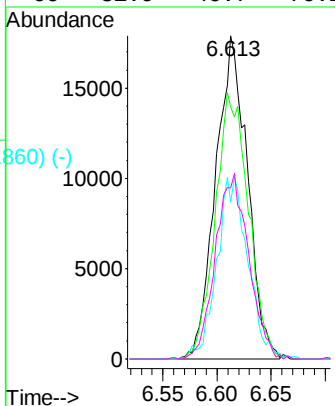
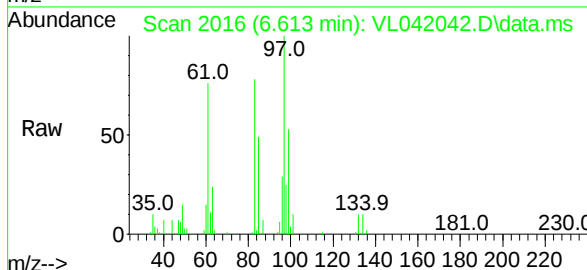
Abundance Scan 2001 (6.565 min): VL042015.D\data.ms (-1985)



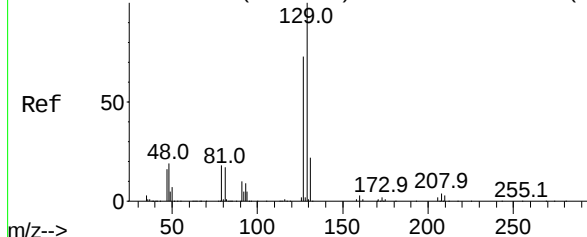
1,1,2-Trichloroethane
Concen: 1.822 ppbv
RT: 6.613 min Scan#
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

Tgt Ion:	97	Resp:	36368
Ion	Ratio	Lower	Upper
97	100		
83	78.1	68.6	102.8
85	48.5	42.2	63.4
99	52.9	46.7	70.1

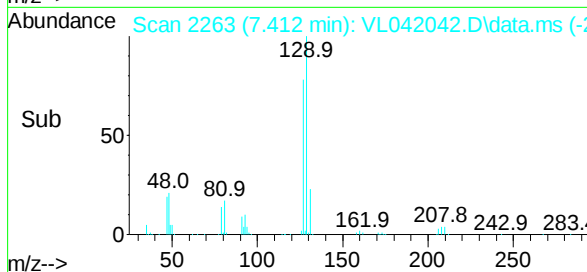
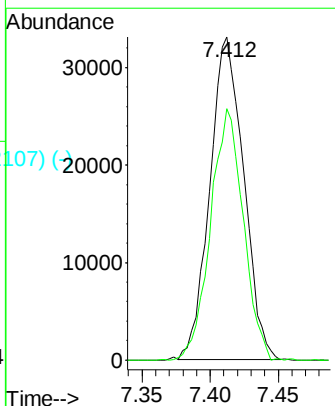
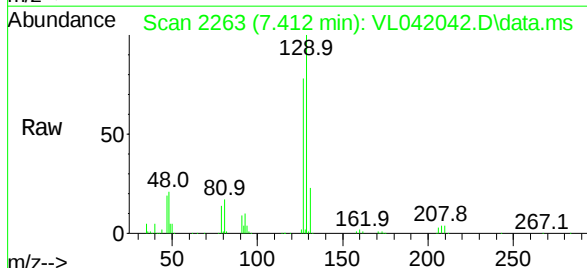


Abundance Scan 2250 (7.370 min): VL042015.D\data.ms (-2237)

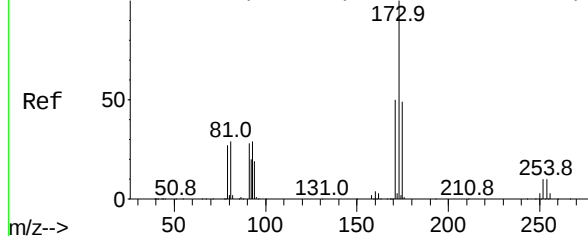


Dibromochloromethane
Concen: 1.703 ppbv
RT: 7.412 min Scan# 2263
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Tgt Ion:	129	Resp:	56931
Ion	Ratio	Lower	Upper
129	100		
127	75.6	38.2	114.6



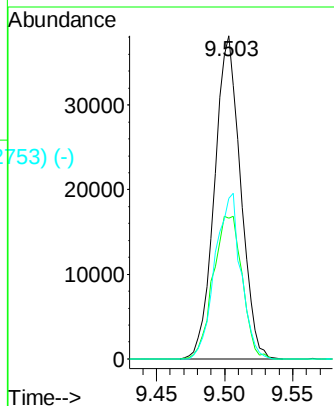
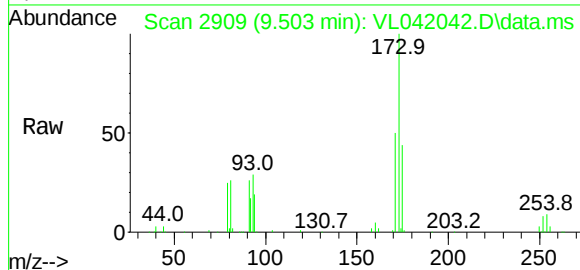
Abundance Scan 2899 (9.471 min): VL042015.D\data.ms (-28874)



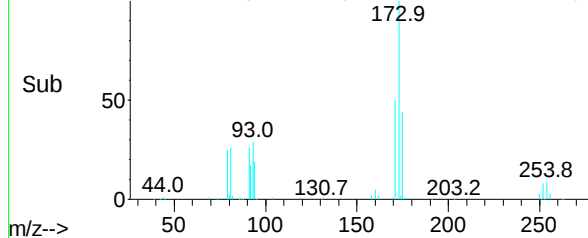
Bromoform
Concen: 1.833 ppbv
RT: 9.503 min Scan#
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

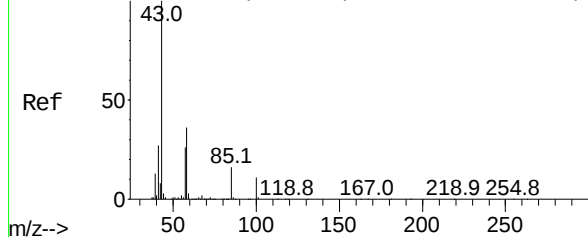
Tgt Ion:173 Resp: 50259
Ion Ratio Lower Upper
173 100
175 49.3 39.3 58.9
171 51.1 41.4 62.2



Abundance Scan 2909 (9.503 min): VL042042.D\data.ms (-2753) (-)

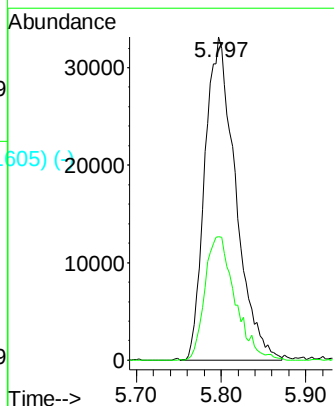
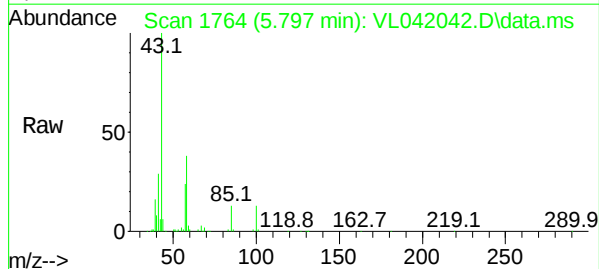


Abundance Scan 1743 (5.729 min): VL042015.D\data.ms (-17350)

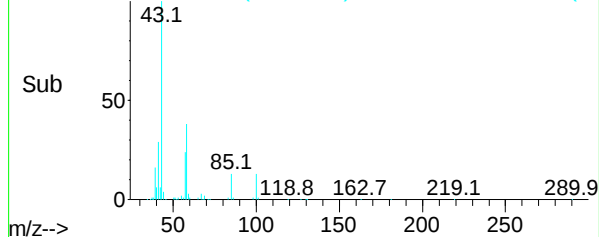


4-Methyl-2-Pentanone
Concen: 1.474 ppbv
RT: 5.797 min Scan# 1764
Delta R.T. 0.013 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

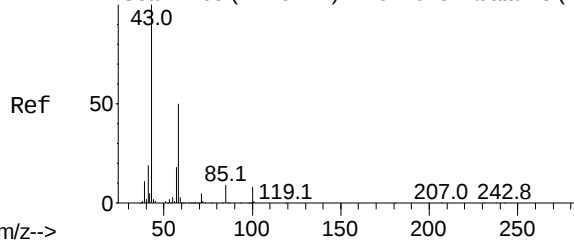
Tgt Ion: 43 Resp: 83246
Ion Ratio Lower Upper
43 100
58 37.6 29.4 44.0



Abundance Scan 1764 (5.797 min): VL042042.D\data.ms (-1605) (-)



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

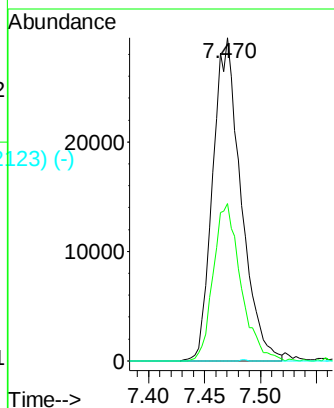
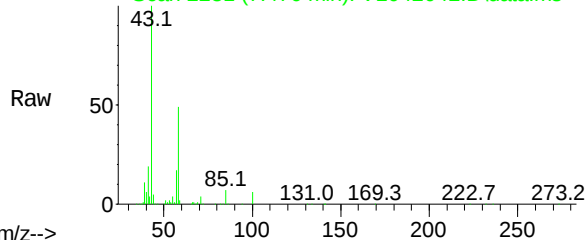


2-Hexanone
Concen: 1.124 ppbv
RT: 7.470 min Scan# 2265
Delta R.T. 0.010 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

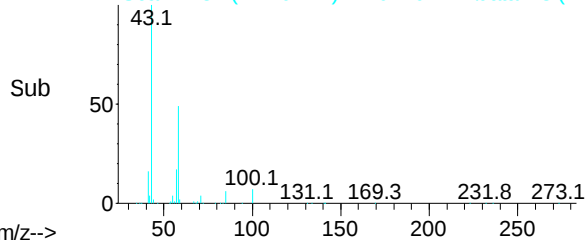
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

Tgt Ion:	43	Resp:	51926
Ion	Ratio	Lower	Upper
43	100		
58	47.5	41.4	62.0
98	0.0	0.0	0.0

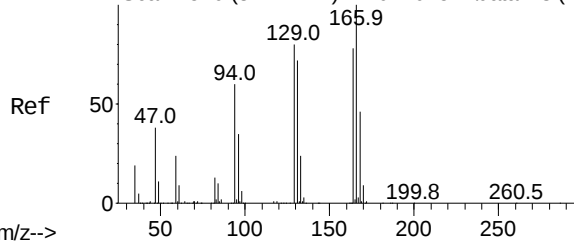
Abundance Scan 2281 (7.470 min): VL042042.D\data.ms



Abundance Scan 2281 (7.470 min): VL042042.D\data.ms (-2123) (-)



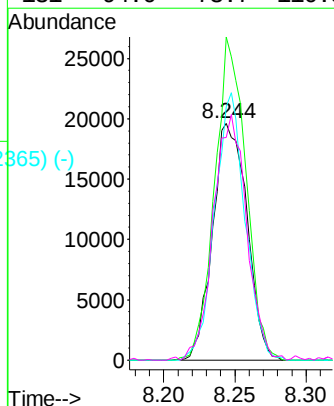
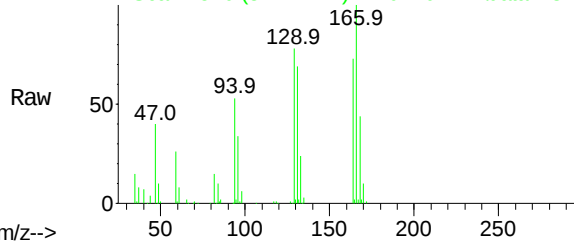
Abundance Scan 2510 (8.212 min): VL042015.D\data.ms (-24952)



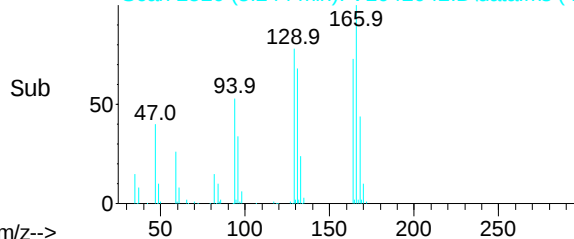
Tetrachloroethene
Concen: 1.822 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Tgt Ion:	164	Resp:	32874
Ion	Ratio	Lower	Upper
164	100		
166	136.1	102.2	153.2
129	107.1	82.2	123.4
131	94.0	73.7	110.5

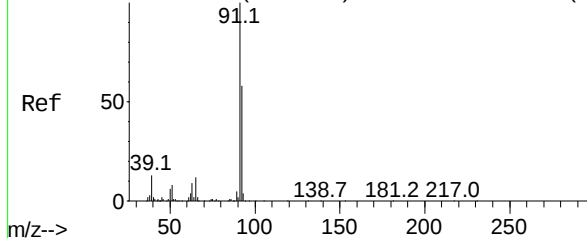
Abundance Scan 2520 (8.244 min): VL042042.D\data.ms



Abundance Scan 2520 (8.244 min): VL042042.D\data.ms (-2365) (-)



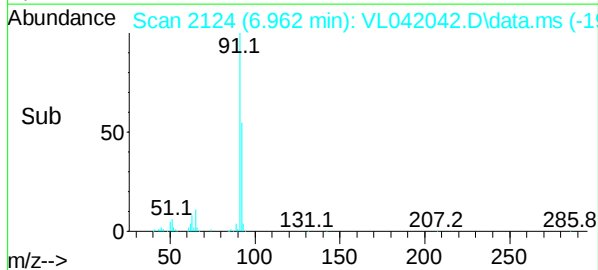
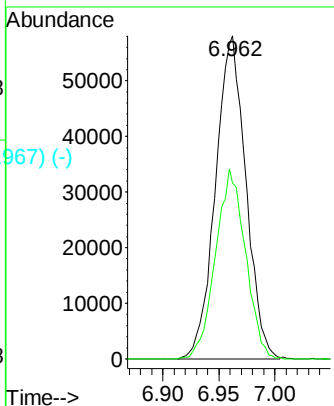
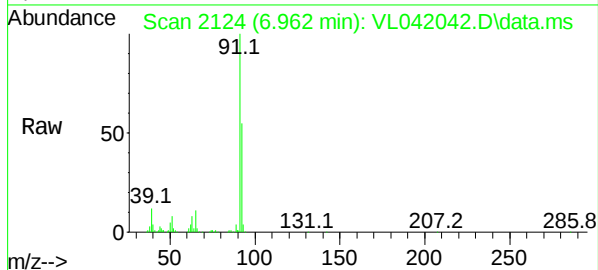
Abundance Scan 2110 (6.917 min): VL042015.D\data.ms (-209253)



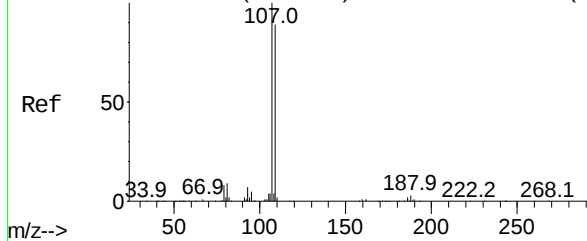
Toluene
Concen: 1.779 ppbv
RT: 6.962 min Scan# 1967
Delta R.T. 0.007 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 109646
Ion Ratio Lower Upper
91 100
92 57.9 47.5 71.3

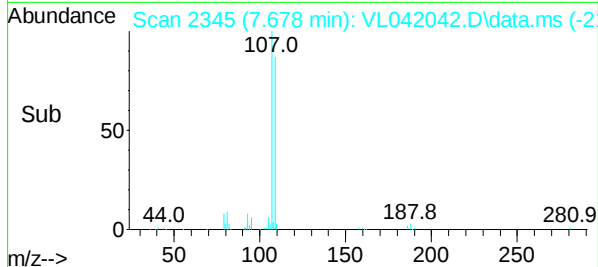
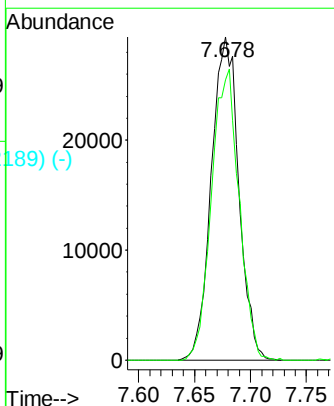
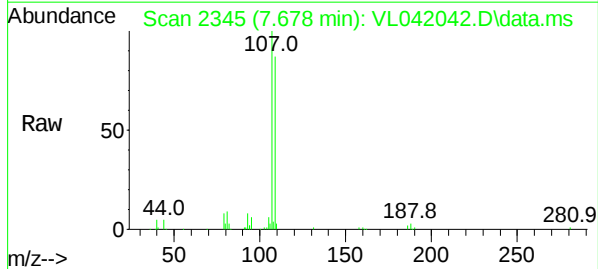


Abundance Scan 2333 (7.639 min): VL042015.D\data.ms (-23154)



1,2-Dibromoethane
Concen: 1.820 ppbv
RT: 7.678 min Scan# 2345
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Tgt Ion:107 Resp: 50010
Ion Ratio Lower Upper
107 100
109 86.8 71.5 107.3



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

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.901 min Scan#

Delta R.T. 0.003 min

Lab File: VL042042.D

Acq: 25 Feb 2025 09:29

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC002

m/z-->

Tgt Ion:117 Resp: 377910

Ion Ratio Lower Upper

117 100

82 66.7 55.7 83.5

119 32.4 25.2 37.8

Abundance Scan 2723 (8.901 min): VL042042.D\data.ms

Abundance

250000

200000

150000

100000

50000

0

8.85 8.90 8.95

Time-->

Raw

54.1 82.1 117.1 150.1 180.9

m/z-->

Abundance Scan 2723 (8.901 min): VL042042.D\data.ms (-2567) (-)

Sub

54.0 82.1 117.1 150.1

m/z-->

Abundance Scan 2727 (8.914 min): VL042015.D\data.ms (-27156)

1,1,1,2-Tetrachloroethane

Concen: 1.662 ppbv

RT: 8.946 min Scan# 2737

Delta R.T. 0.003 min

Lab File: VL042042.D

Acq: 25 Feb 2025 09:29

Tgt Ion:131 Resp: 44947

Ion Ratio Lower Upper

131 100

133 95.0 77.8 116.8

119 61.8 49.1 73.7

m/z-->

Abundance Scan 2737 (8.946 min): VL042042.D\data.ms

Abundance

80000

60000

40000

20000

0

8.90 8.95

Time-->

Raw

35.0 77.1 112.0 146.8 207.1 261.0

m/z-->

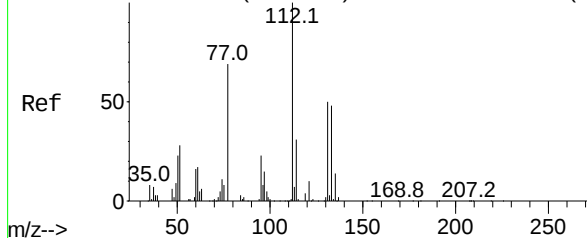
Abundance Scan 2737 (8.946 min): VL042042.D\data.ms (-2581) (-)

Sub

35.0 77.1 112.0 146.8 207.1 261.0

m/z-->

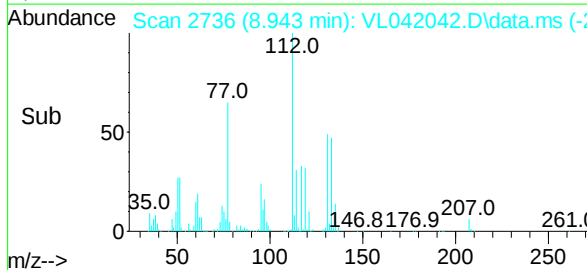
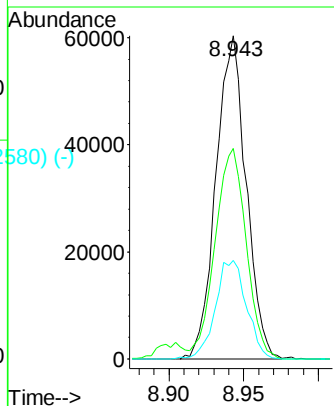
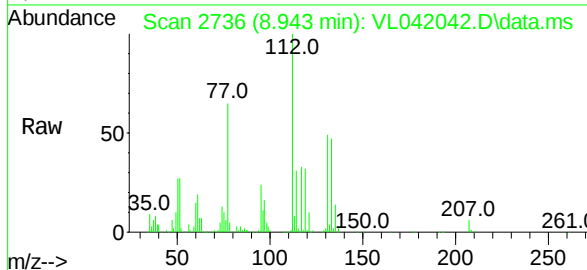
Abundance Scan 2725 (8.908 min): VL042015.D\data.ms (-2715)



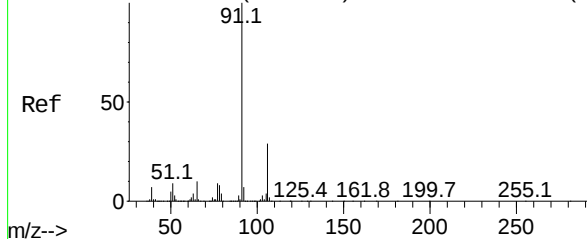
Chlorobenzene
Concen: 1.906 ppbv
RT: 8.943 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

Tgt Ion:	112	Resp:	84749
Ion	Ratio	Lower	Upper
112	100		
77	65.2	56.2	84.2
114	30.6	28.2	34.4

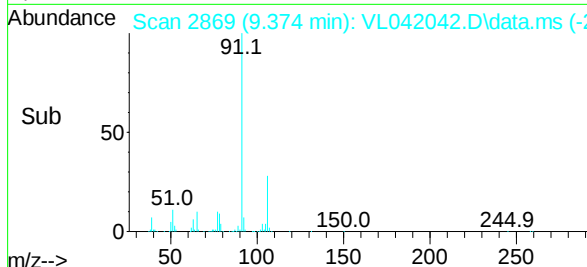
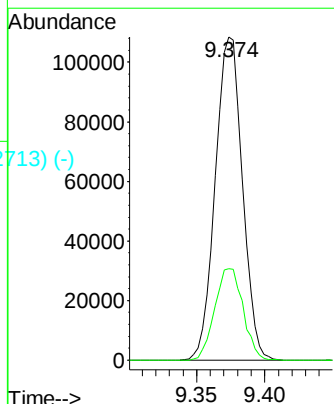
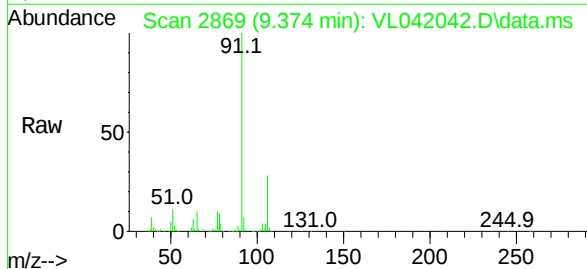


Abundance Scan 2859 (9.342 min): VL042015.D\data.ms (-2845)

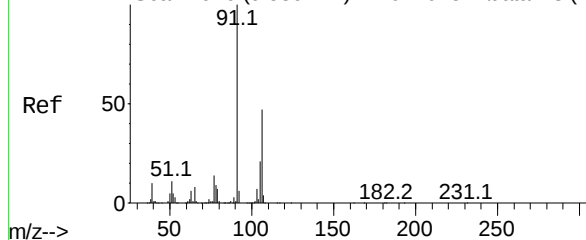


Ethyl Benzene
Concen: 1.804 ppbv
RT: 9.374 min Scan# 2869
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Tgt Ion:	91	Resp:	149185
Ion	Ratio	Lower	Upper
91	100		
106	28.3	23.1	34.7



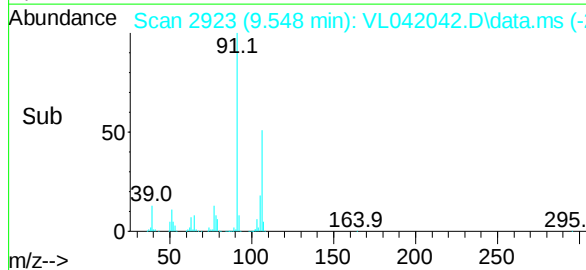
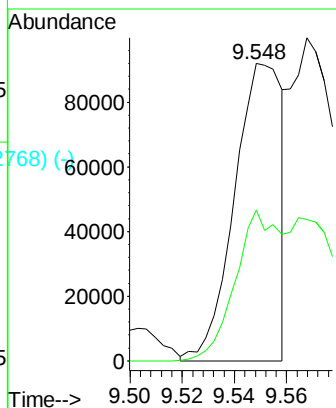
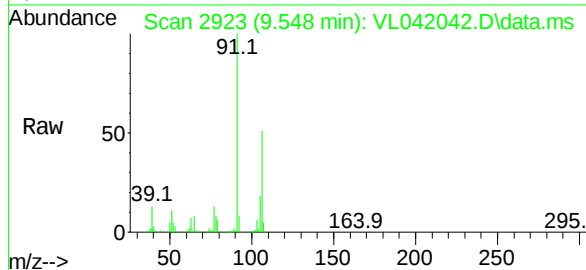
Abundance Scan 2920 (9.539 min): VL042015.D\data.ms (-29059)



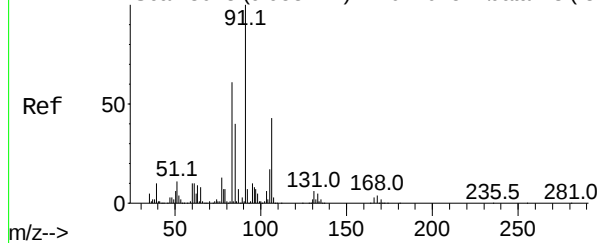
m/p-Xylene
Concen: 1.773 ppbv
RT: 9.548 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 115500
Ion Ratio Lower Upper
91 100
106 97.3 35.8 53.8#

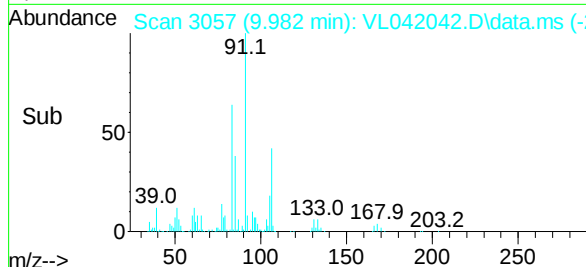
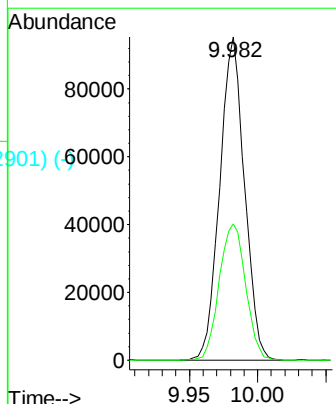
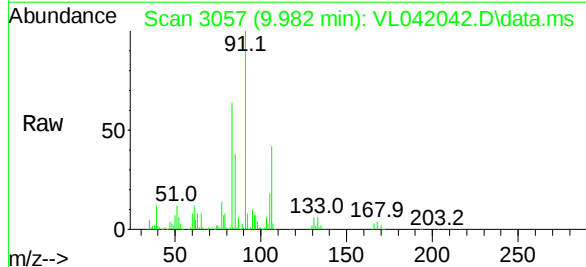


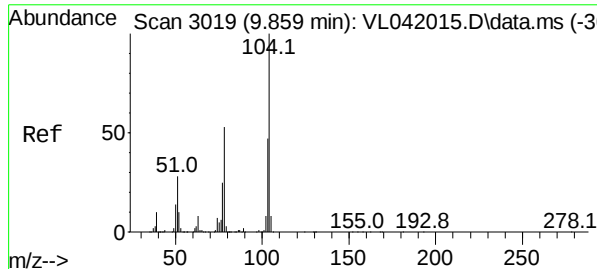
Abundance Scan 3048 (9.953 min): VL042015.D\data.ms (-30360)



o-Xylene
Concen: 1.809 ppbv
RT: 9.982 min Scan# 3057
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Tgt Ion: 91 Resp: 119170
Ion Ratio Lower Upper
91 100
106 45.0 21.4 64.3

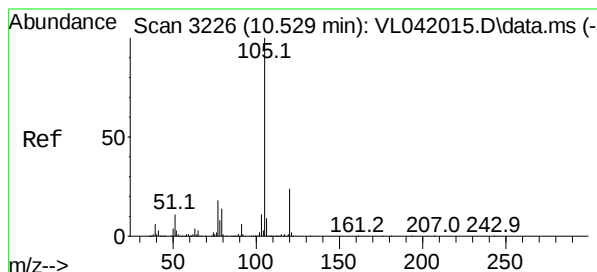
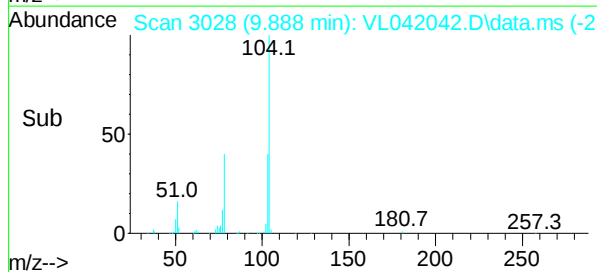
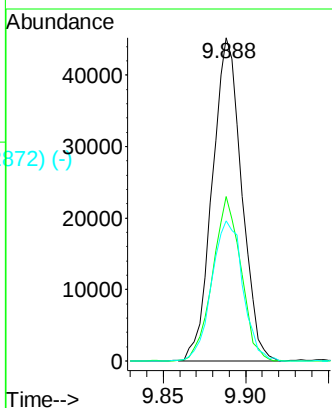
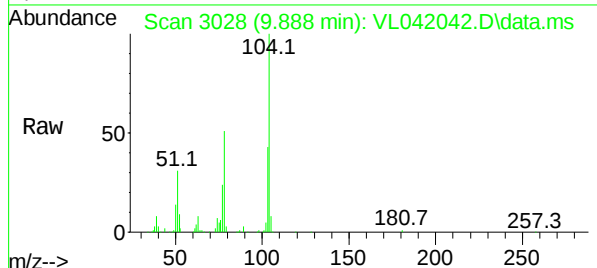




Styrene
Concen: 1.776 ppbv
RT: 9.888 min Scan# 3219
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

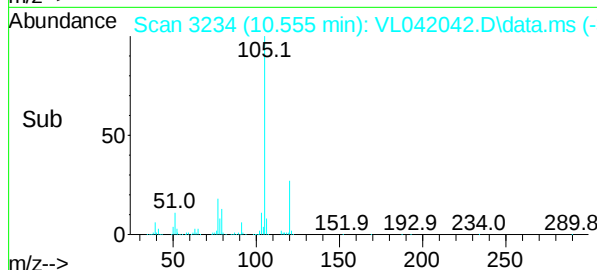
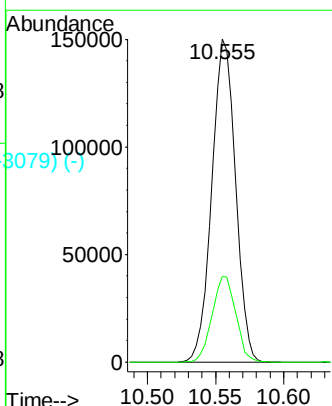
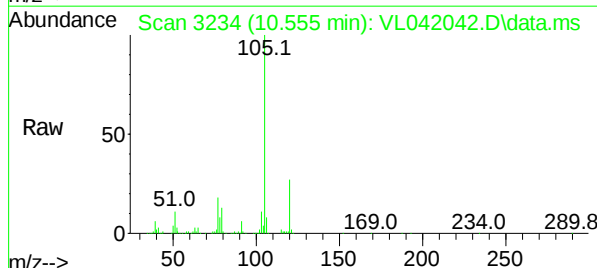
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

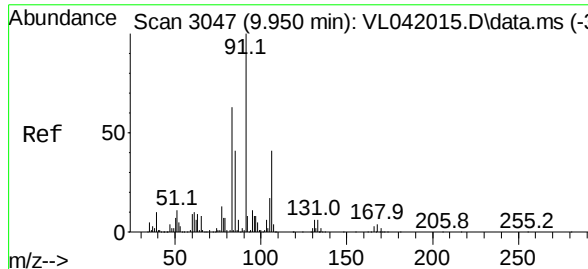
Tgt Ion:	104	Resp:	55798
Ion	Ratio	Lower	Upper
104	100		
78	49.1	42.2	63.4
103	46.2	38.1	57.1



Isopropylbenzene
Concen: 1.833 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. 0.000 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Tgt Ion:	105	Resp:	181311
Ion	Ratio	Lower	Upper
105	100		
120	26.5	19.8	29.8

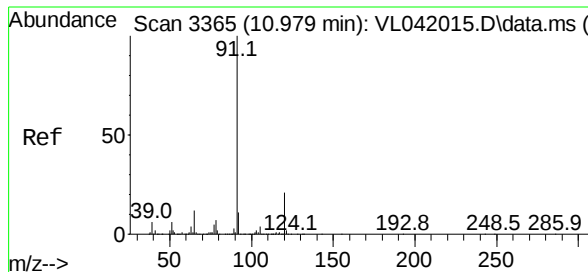
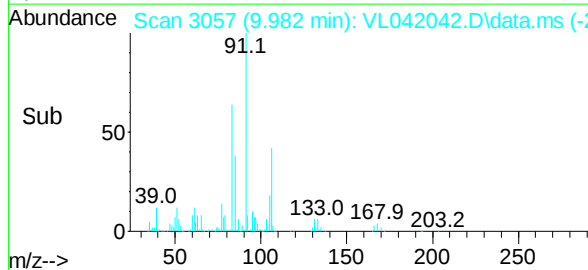
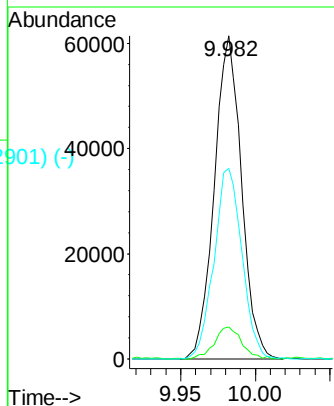
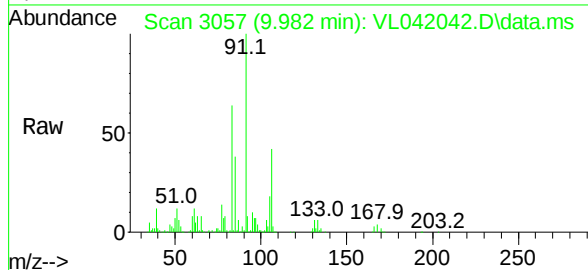




1,1,2,2-Tetrachloroethane
 Concen: 1.833 ppbv
 RT: 9.982 min Scan# 3373
 Delta R.T. 0.003 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

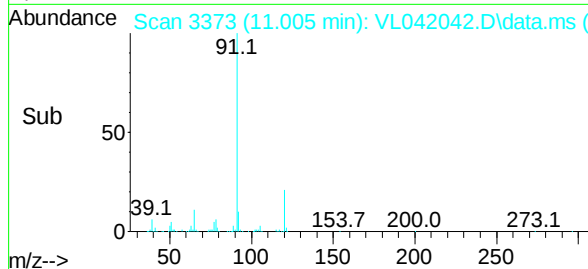
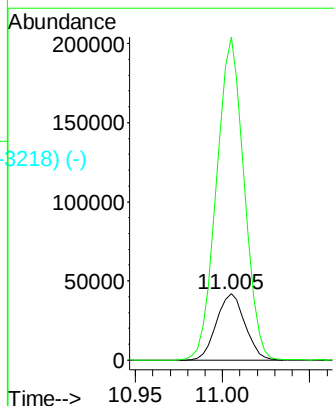
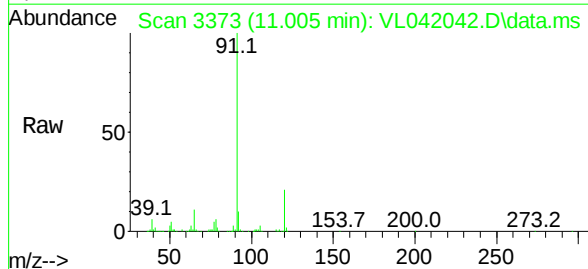
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

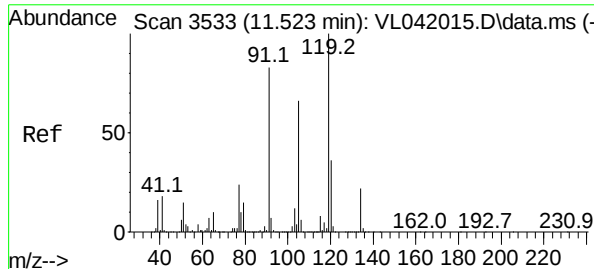
Tgt Ion:	83	Resp:	77911
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	15.0
85	60.6	32.1	96.3



n-propylbenzene
 Concen: 1.965 ppbv
 RT: 11.005 min Scan# 3373
 Delta R.T. 0.000 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

Tgt Ion:	120	Resp:	47764
Ion	Ratio	Lower	Upper
120	100		
91	469.7	392.2	588.2

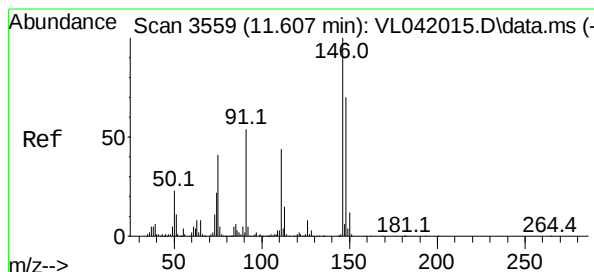
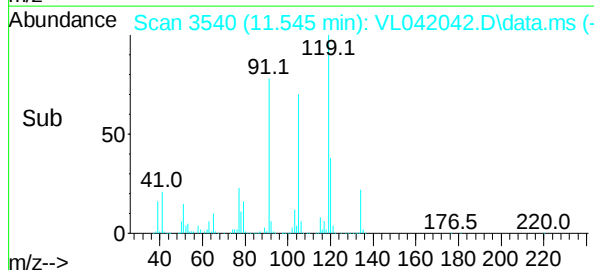
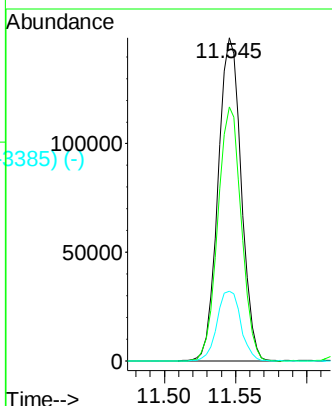
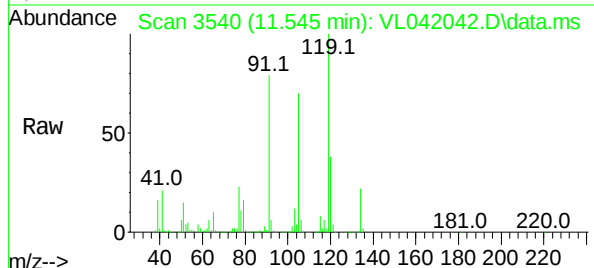




tert-Butylbenzene
Concen: 1.948 ppbv
RT: 11.545 min Scan#
Delta R.T. 0.000 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

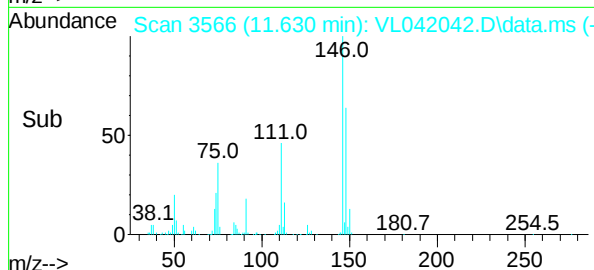
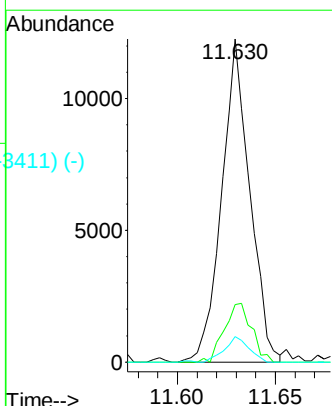
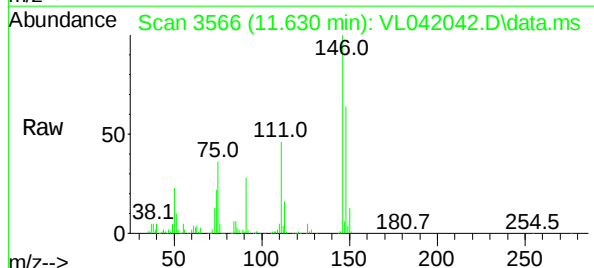
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

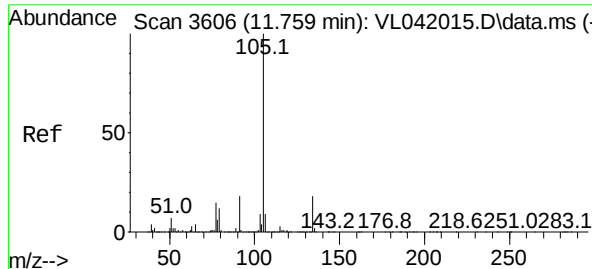
Tgt Ion:	119	Resp:	167973
Ion	Ratio	Lower	Upper
119	100		
91	79.5	66.5	99.7
134	22.1	16.6	24.8



Benzyl Chloride
Concen: 1.423 ppbv
RT: 11.630 min Scan# 3566
Delta R.T. 0.000 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Tgt Ion:	91	Resp:	12304
Ion	Ratio	Lower	Upper
91	100		
126	17.7	13.8	20.6
128	7.0	4.1	6.1#

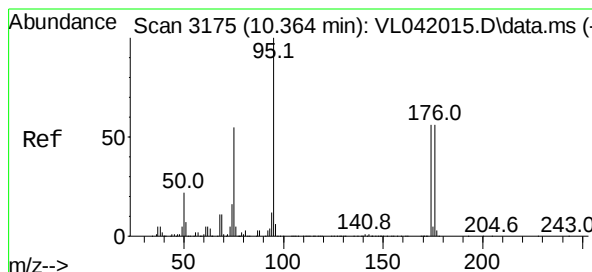
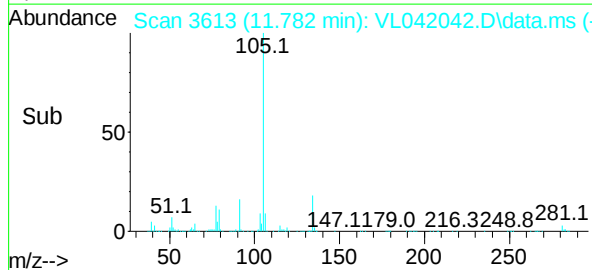
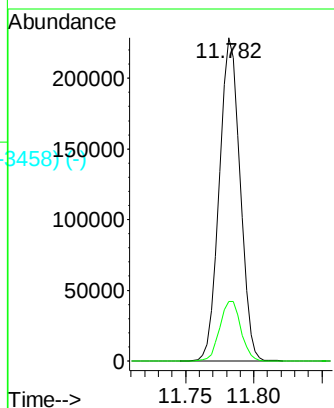
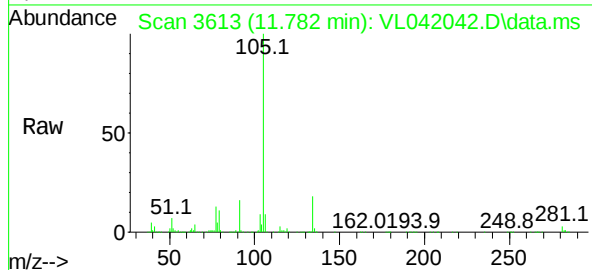




sec-Butylbenzene
Concen: 1.986 ppbv
RT: 11.782 min Scan#
Delta R.T. 0.000 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

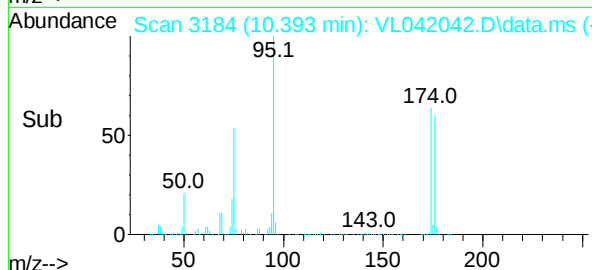
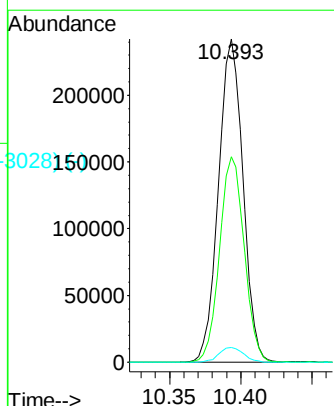
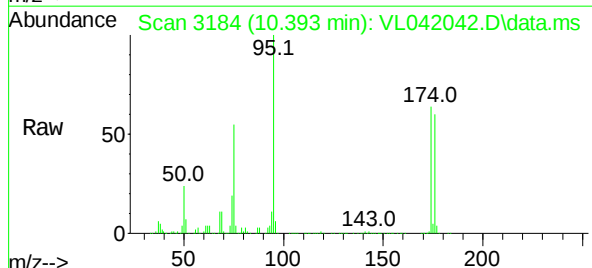
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

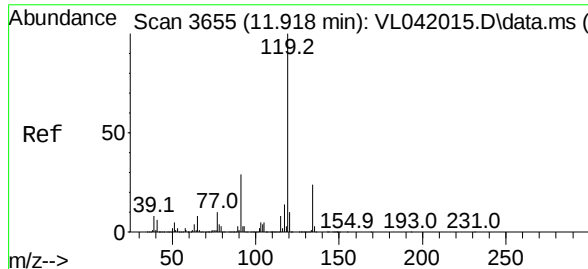
Tgt Ion:105 Resp: 240504
Ion Ratio Lower Upper
105 100
134 18.7 14.7 22.1



1-Bromo-4-Fluorobenzene
Concen: 9.273 ppbv
RT: 10.393 min Scan# 3184
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Tgt Ion: 95 Resp: 289049
Ion Ratio Lower Upper
95 100
174 63.8 46.7 70.1
175 4.5 3.7 5.5

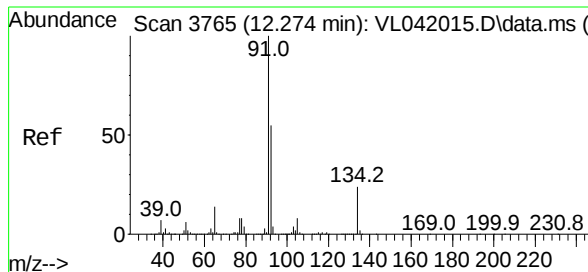
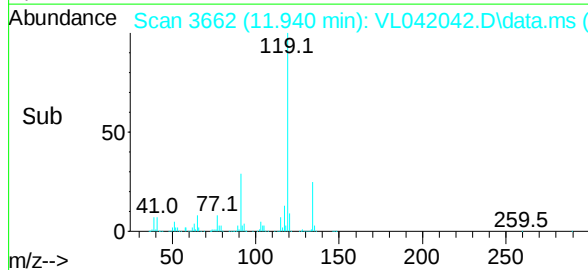
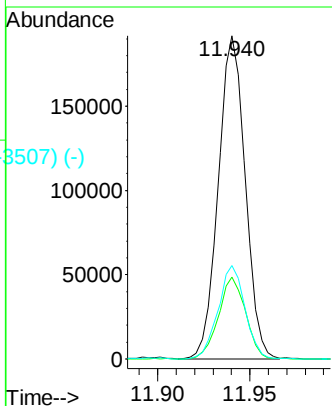
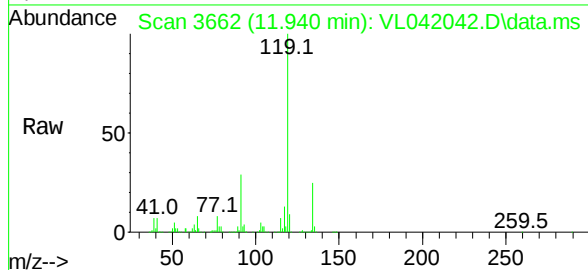




p-Isopropyltoluene
 Concen: 1.963 ppbv
 RT: 11.940 min Scan#
 Delta R.T. 0.000 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

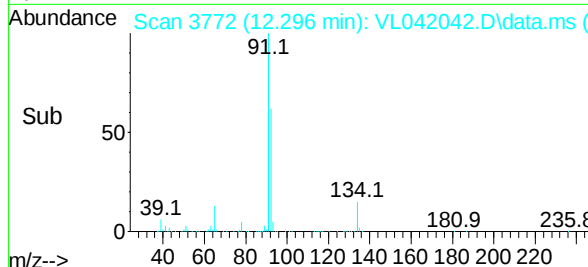
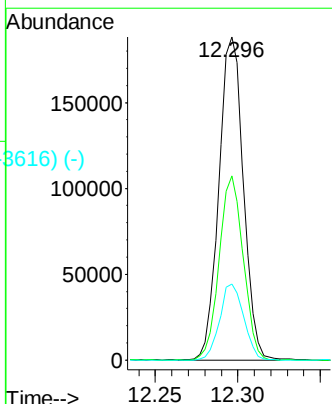
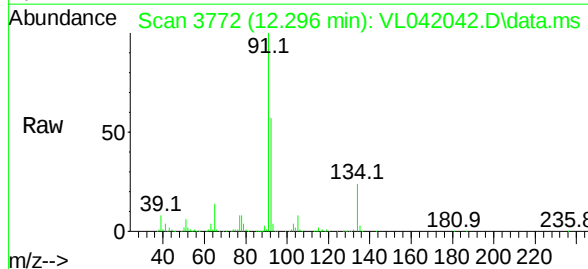
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

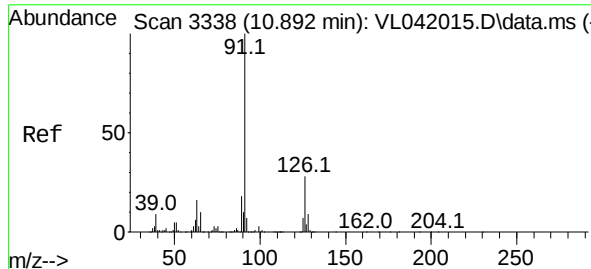
Tgt Ion:	119	Resp:	194660
Ion	Ratio	Lower	Upper
119	100		
134	25.6	19.4	29.0
91	29.2	23.4	35.2



n-Butylbenzene
 Concen: 1.991 ppbv
 RT: 12.296 min Scan# 3772
 Delta R.T. 0.003 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

Tgt Ion:	91	Resp:	194416
Ion	Ratio	Lower	Upper
91	100		
92	56.0	43.8	65.8
134	23.2	18.6	27.8

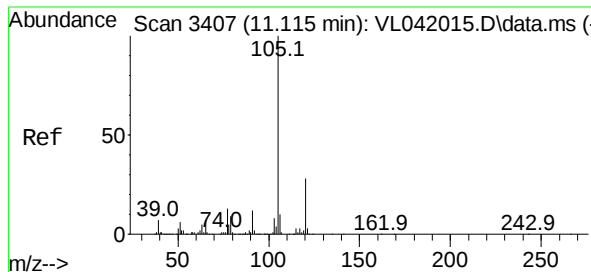
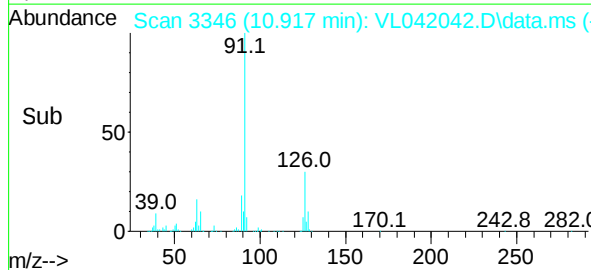
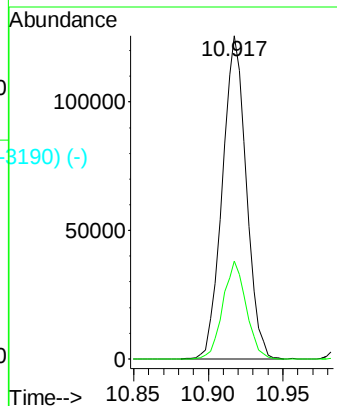
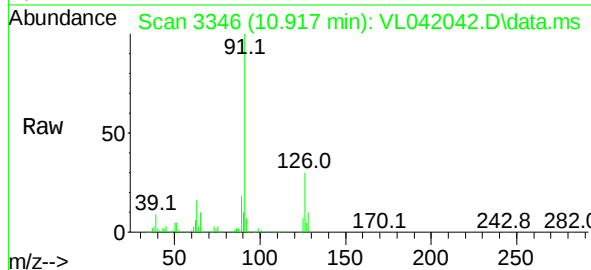




Scan 3338 (10.892 min): VL042015.D\data.ms (-3371) (-)
 2-Chlorotoluene
 Concen: 1.880 ppbv
 RT: 10.917 min Scan#
 Delta R.T. 0.003 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

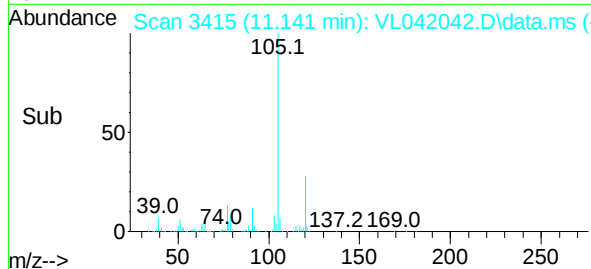
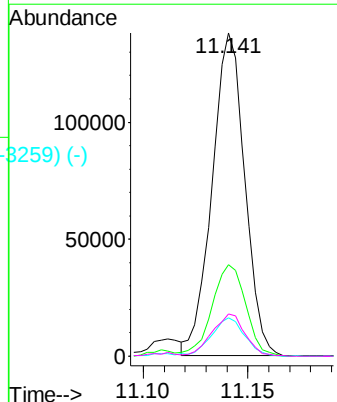
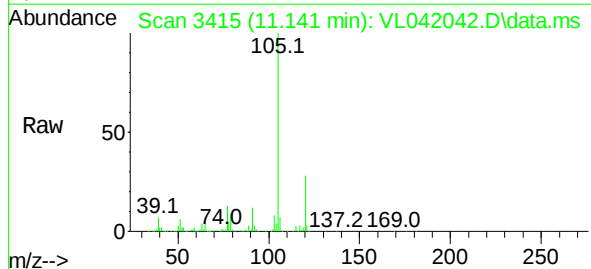
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

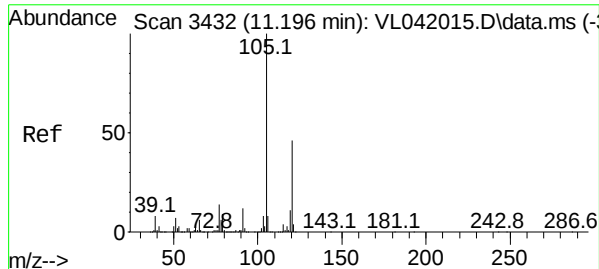
Tgt Ion: 91 Resp: 140068
 Ion Ratio Lower Upper
 91 100
 126 29.4 11.2 45.0



Scan 3407 (11.115 min): VL042015.D\data.ms (-3407) (-)
 4-Ethyltoluene
 Concen: 1.944 ppbv
 RT: 11.141 min Scan# 3415
 Delta R.T. 0.003 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

Tgt Ion:105 Resp: 150038
 Ion Ratio Lower Upper
 105 100
 120 30.6 22.7 34.1
 91 12.9 10.2 15.2
 77 14.0 11.0 16.4

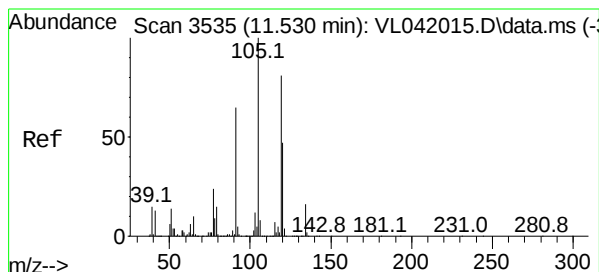
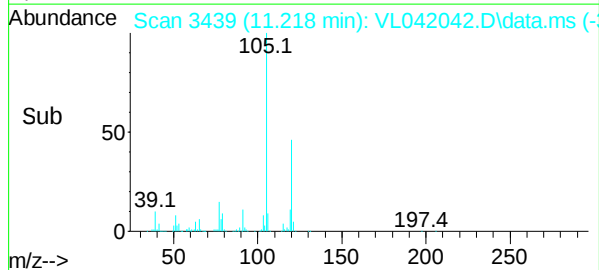
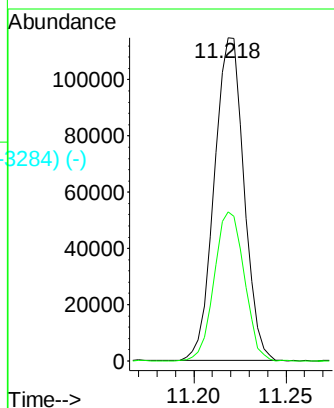
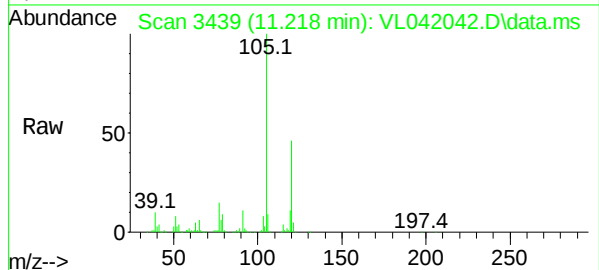




Scan 3432 (11.196 min): VL042015.D\data.ms (-3423) (-)
 1,3,5-Trimethylbenzene
 Concen: 1.925 ppbv
 RT: 11.218 min Scan#
 Delta R.T. 0.000 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

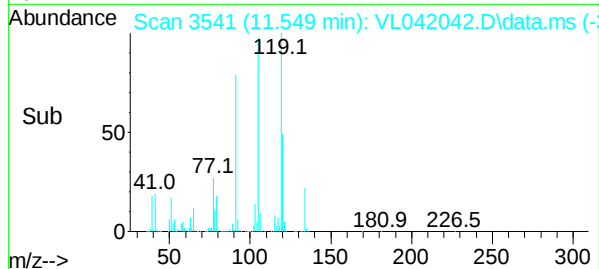
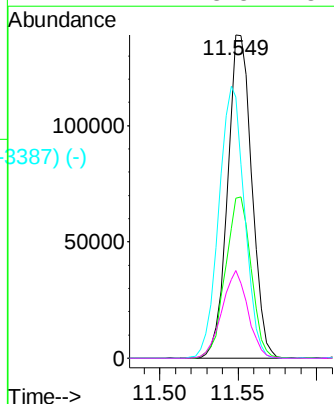
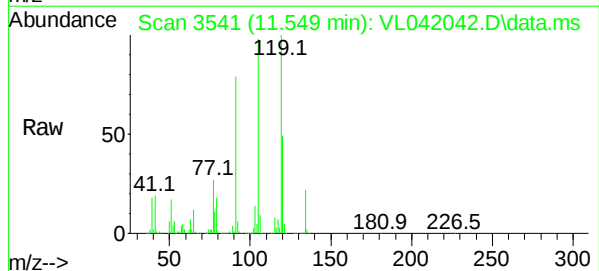
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

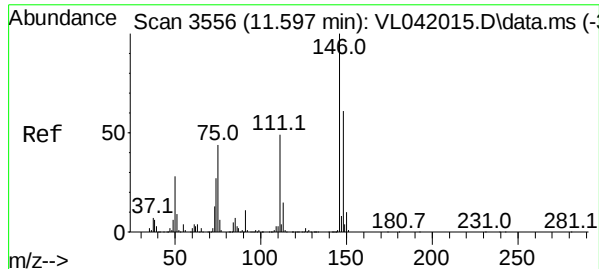
Tgt Ion:105 Resp: 128202
 Ion Ratio Lower Upper
 105 100
 120 46.0 37.1 55.7



Scan 3535 (11.530 min): VL042015.D\data.ms (-3524) (-)
 1,2,4-Trimethylbenzene
 Concen: 2.104 ppbv
 RT: 11.549 min Scan# 3541
 Delta R.T. -0.003 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

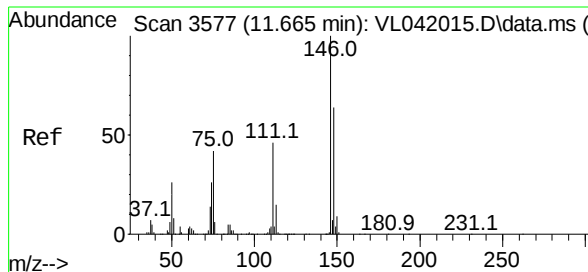
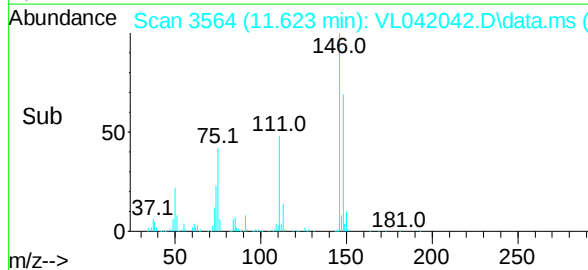
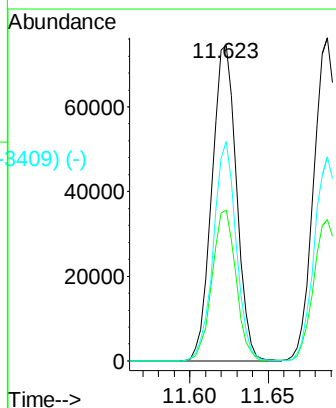
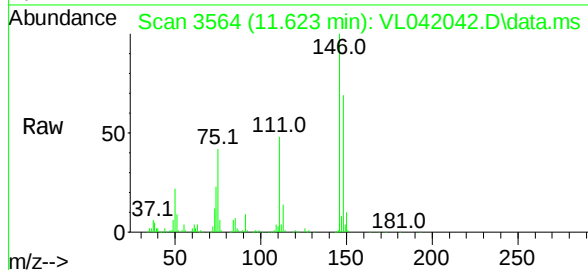
Tgt Ion:105 Resp: 150380
 Ion Ratio Lower Upper
 105 100
 120 49.5 37.5 56.3
 91 80.7 51.7 77.5#
 77 27.1 18.8 28.2





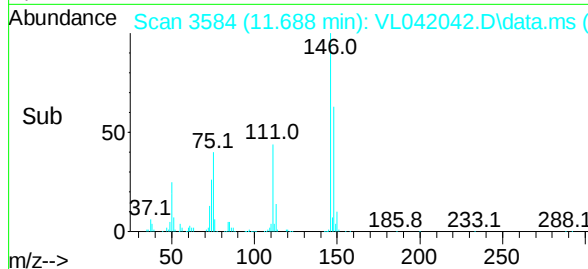
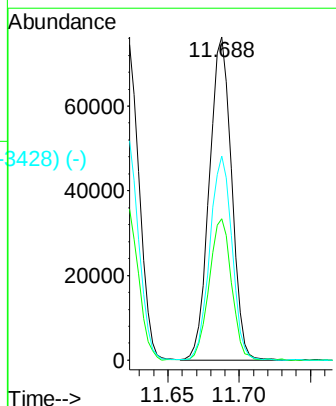
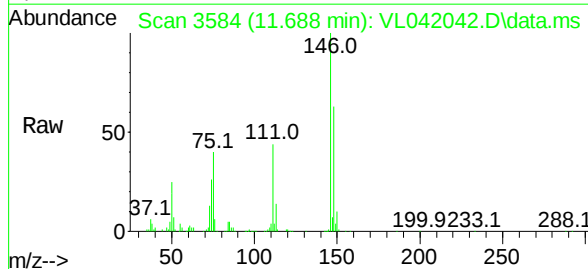
Instrument : MSVOA_1
 ClientSampleId : VSTDIC002
 1,3-Dichlorobenzene
 Concen: 2.129 ppbv
 RT: 11.623 min Scan#
 Delta R.T. 0.000 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

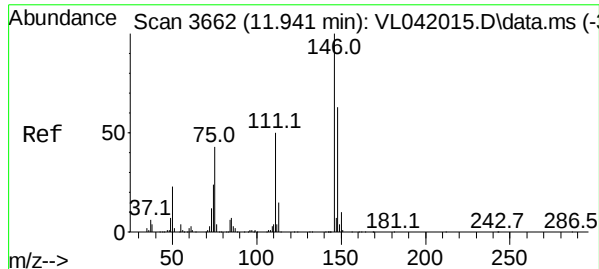
Tgt Ion:	146	Resp:	81884
Ion Ratio	Lower	Upper	
146	100		
111	46.6	23.9	71.7
148	64.4	31.5	94.5



Instrument : MSVOA_1
 ClientSampleId : VSTDIC002
 1,4-Dichlorobenzene
 Concen: 2.201 ppbv
 RT: 11.688 min Scan# 3584
 Delta R.T. 0.003 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

Tgt Ion:	146	Resp:	82560
Ion Ratio	Lower	Upper	
146	100		
111	44.2	23.5	70.5
148	63.0	32.3	96.9

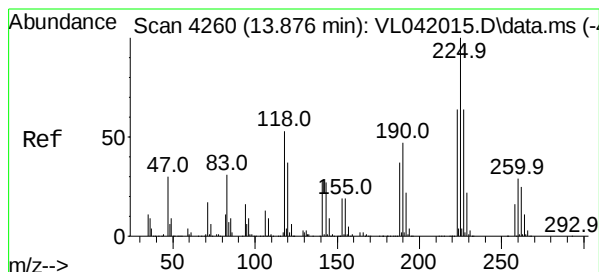
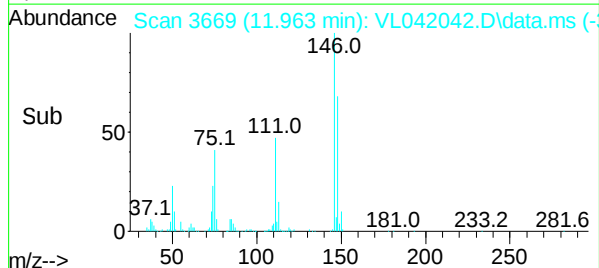
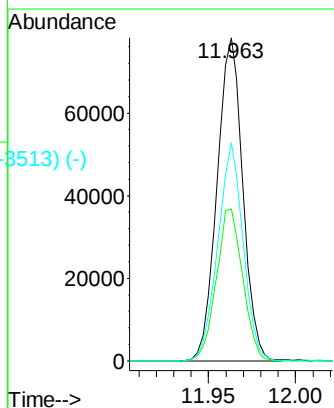
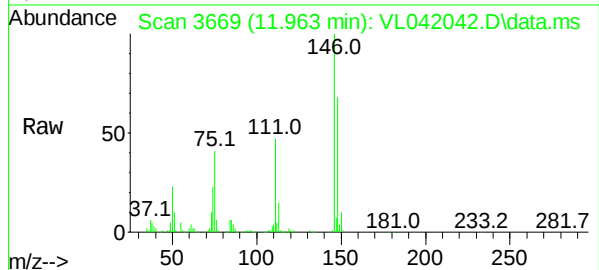




1,2-Dichlorobenzene
Concen: 2.186 ppbv
RT: 11.963 min Scan#
Delta R.T. 0.003 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

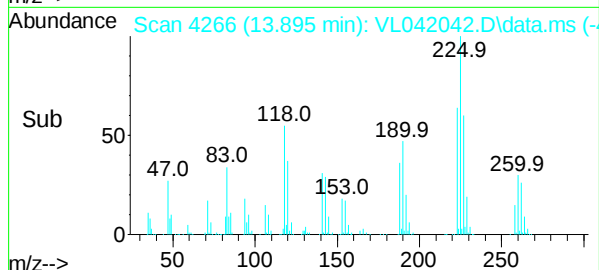
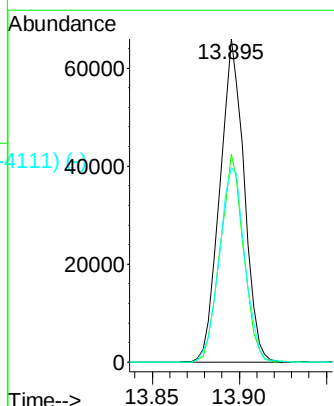
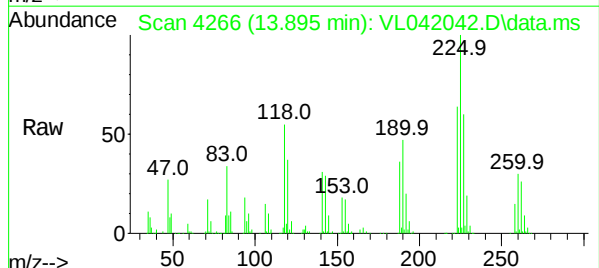
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

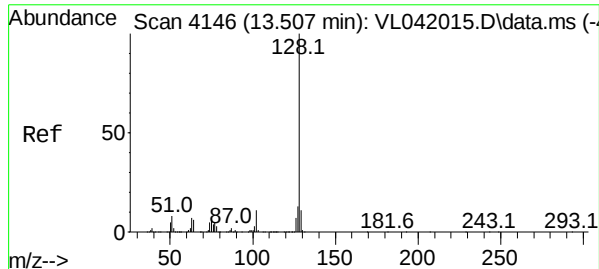
Tgt Ion:	146	Resp:	80367
Ion	Ratio	Lower	Upper
146	100		
111	48.3	25.6	76.8
148	66.6	31.9	95.7



Hexachloro-1,3-Butadiene
Concen: 2.098 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. 0.000 min
Lab File: VL042042.D
Acq: 25 Feb 2025 09:29

Tgt Ion:	225	Resp:	63815
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	75.8
227	63.3	50.9	76.3

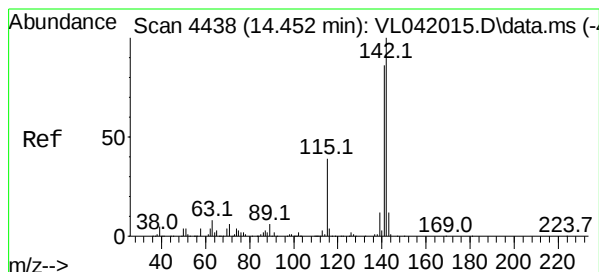
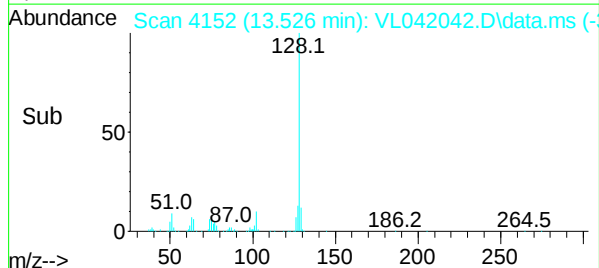
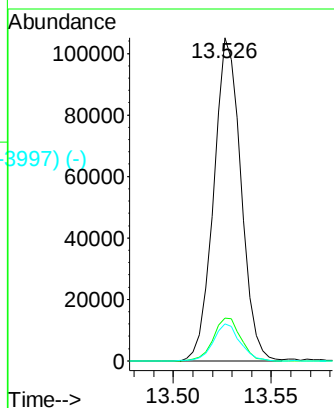
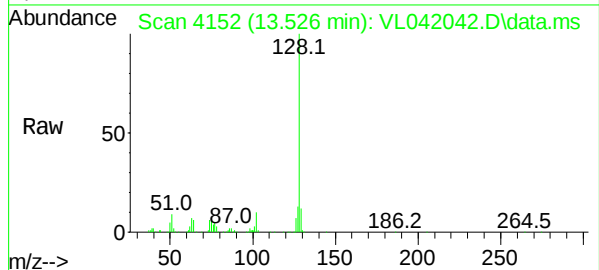




Naphthalene
 Concen: 1.454 ppbv
 RT: 13.526 min Scan#
 Delta R.T. 0.000 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

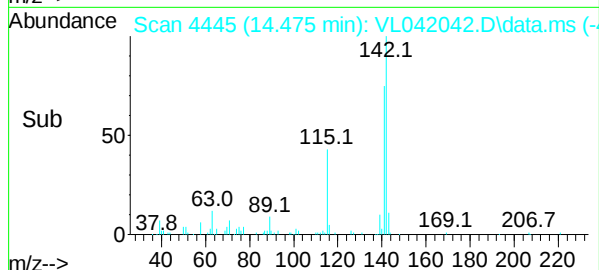
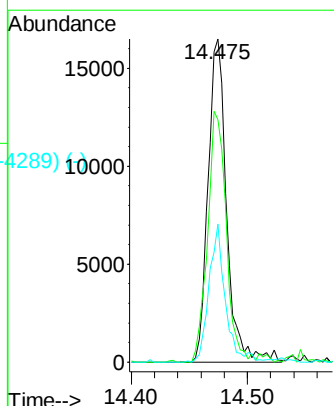
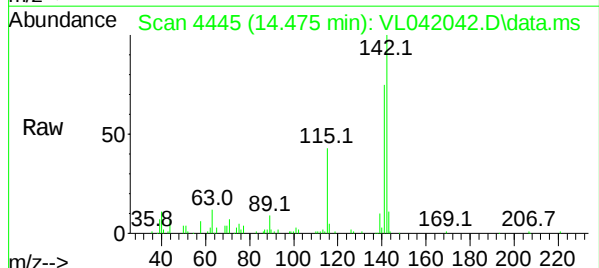
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

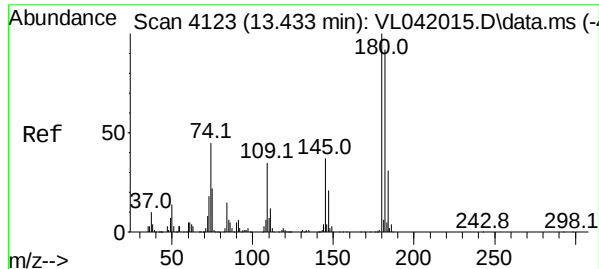
Tgt Ion:	128	Resp:	102197
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	11.6	8.6	13.0



Naphthalene, 2-methyl-
 Concen: 0.569 ppbv
 RT: 14.475 min Scan# 4445
 Delta R.T. 0.003 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

Tgt Ion:	142	Resp:	18104
Ion	Ratio	Lower	Upper
142	100		
141	79.7	68.2	102.2
115	38.7	33.6	50.4





1,2,4-Trichlorobenzene
 Concen: 2.023 ppbv
 RT: 13.455 min Scan#
 Delta R.T. 0.000 min
 Lab File: VL042042.D
 Acq: 25 Feb 2025 09:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion:180 Resp: 57798
 Ion Ratio Lower Upper
 180 100
 182 93.1 75.8 113.6
 184 29.2 24.2 36.4

