

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022525\
 Data File : VL042045.D
 Acq On : 25 Feb 2025 11:03
 Operator : SY/MD
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Quant Time: Feb 25 12:33:08 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Tue Feb 25 10:31:48 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.803	49	161406	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.981	114	414875	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.904	117	363831	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.393	95	276484	9.213	ppbv	0.00
Spiked Amount	10.000	Range 65 - 135	Recovery	=	92.100%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.505	85	1771	0.064	ppbv	93
3) Chlorodifluoromethane	1.483	51	2339	0.076	ppbv	96
4) Chloromethane	1.538	50	704	0.065	ppbv #	45
5) Vinyl Chloride	1.586	62	543	0.042	ppbv #	88
6) Bromomethane	1.677	94	398	0.080	ppbv #	79
7) Chloroethane	1.716	64	213	0.051	ppbv #	67
8) Dichlorotetrafluoroethane	1.560	85	1520	0.062	ppbv	91
9) Propene	1.489	41	1402	0.106	ppbv	95
11) Trichlorofluoromethane	1.884	101	1855	0.066	ppbv	93
12) 1,1,2-Trichlorotrifluo...	2.153	101	1337	0.061	ppbv	100
13) Ethanol	1.771	45	137	0.092	ppbv #	1
14) Bromoethene	1.790	108	581	0.071	ppbv #	78
15) Acetone	1.845	43	3317	0.125	ppbv	99
16) 1,3-Butadiene	1.615	39	1259	0.100	ppbv #	75
17) tert-Butyl alcohol	2.055	59	1942	0.059	ppbv #	89
18) 1,1-Dichloroethene	2.350	96	863	0.083	ppbv	87
19) Isopropyl Alcohol	1.897	45	1375	0.092	ppbv #	32
20) Methylene Chloride	2.075	84	1541	0.154	ppbv #	59
21) Allyl Chloride	2.107	41	929	0.048	ppbv #	58
22) trans-1,2-Dichloroethene	2.350	96	863	0.076	ppbv	100
23) Vinyl Acetate	2.476	43	2203	0.153	ppbv #	50
24) 1,1-Dichloroethane	2.418	63	1398	0.061	ppbv #	87
25) Ethyl Acetate	2.861	43	6037	0.083	ppbv #	90
26) Hexane	2.839	57	2417	0.082	ppbv #	87
27) Carbon Disulfide	2.162	76	1691	0.061	ppbv #	1
28) Methyl tert-Butyl Ether	2.457	73	1475	0.082	ppbv	92
29) Chloroform	2.865	83	3264	0.077	ppbv	96
30) Cyclohexane	3.881	84	1421	0.060	ppbv #	22
31) cis-1,2-Dichloroethene	2.732	61	1328	0.046	ppbv #	85
32) 1,1,1-Trichloroethane	3.386	97	3026	0.064	ppbv #	86
34) 2-Butanone	2.577	43	4167	0.117	ppbv	100
35) Carbon Tetrachloride	3.787	117	2571	0.064	ppbv #	85
36) Benzene	3.674	78	2614	0.052	ppbv #	83
37) 1,2-Dichloroethane	3.237	62	2734	0.096	ppbv	98
38) Trichloroethene	4.577	130	1585	0.078	ppbv #	44
39) 1,2-Dichloropropane	3.981	63	106722	5.792	ppbv #	23
41) Tetrahydrofuran	3.088	42	2150	0.105	ppbv #	63
42) Bromodichloromethane	4.515	83	2370	0.061	ppbv #	59
43) Methyl Methacrylate	4.917	69	1045	0.046	ppbv #	10
44) 2,2,4-Trimethylpentane	4.667	57	3926	0.046	ppbv #	31

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 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Quant Time: Feb 25 12:33:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 25 10:31:48 2025
 Response via : Initial Calibration

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

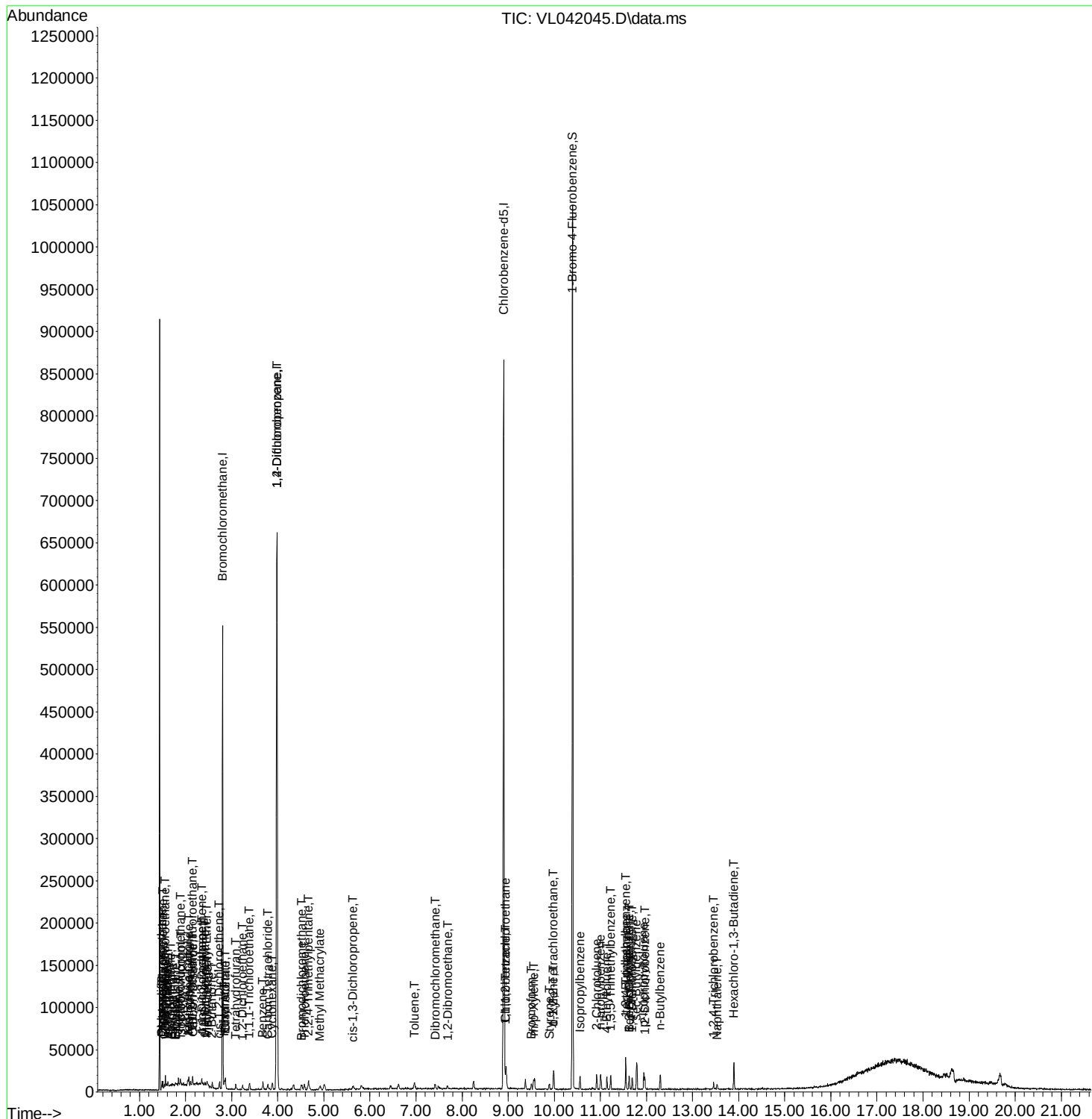
46) cis-1,3-Dichloropropene	5.629	75	976	0.036	ppbv #	62
48) Dibromochloromethane	7.415	129	1445	0.044	ppbv #	23
49) Bromoform	9.506	173	1684	0.063	ppbv #	79
53) Toluene	6.969	91	1861	0.031	ppbv #	1
54) 1,2-Dibromoethane	7.684	107	915	0.034	ppbv #	66
56) 1,1,1,2-Tetrachloroethane	8.943	131	1438	0.055	ppbv #	8
57) Chlorobenzene	8.946	112	3915	0.091	ppbv #	90
59) m/p-Xylene	9.558	91	1903	0.030	ppbv #	100
60) o-Xylene	9.982	91	4981	0.079	ppbv	95
61) Styrene	9.891	104	1689	0.056	ppbv #	76
62) Isopropylbenzene	10.555	105	7453	0.078	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.982	83	2654	0.065	ppbv #	66
64) n-propylbenzene	11.005	120	2092	0.089	ppbv	95
65) tert-Butylbenzene	11.549	119	7279	0.088	ppbv	95
66) Benzyl Chloride	11.626	91	260	0.031	ppbv #	65
67) sec-Butylbenzene	11.782	105	9708	0.083	ppbv	98
69) p-Isopropyltoluene	11.940	119	6937	0.073	ppbv	97
70) n-Butylbenzene	12.299	91	6704	0.071	ppbv	93
71) 2-Chlorotoluene	10.921	91	6558	0.091	ppbv	96
72) 4-Ethyltoluene	11.141	105	5948	0.080	ppbv #	96
73) 1,3,5-Trimethylbenzene	11.222	105	5175	0.081	ppbv #	80
74) 1,2,4-Trimethylbenzene	11.552	105	5323	0.077	ppbv #	91
75) 1,3-Dichlorobenzene	11.623	146	2662	0.072	ppbv	71
76) 1,4-Dichlorobenzene	11.691	146	3477	0.096	ppbv	98
77) 1,2-Dichlorobenzene	11.969	146	3344	0.094	ppbv	95
78) Hexachloro-1,3-Butadiene	13.895	225	2487	0.085	ppbv #	84
79) Naphthalene	13.529	128	3058	0.045	ppbv #	91
81) 1,2,4-Trichlorobenzene	13.455	180	1262	0.046	ppbv #	86

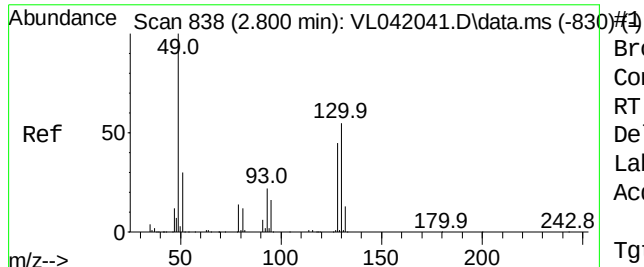
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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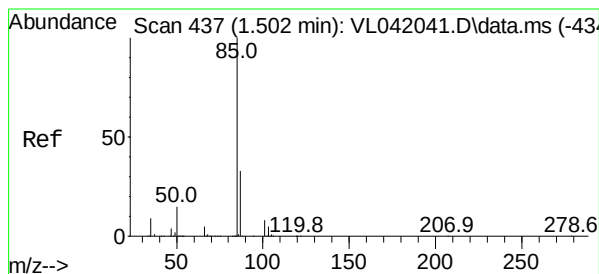
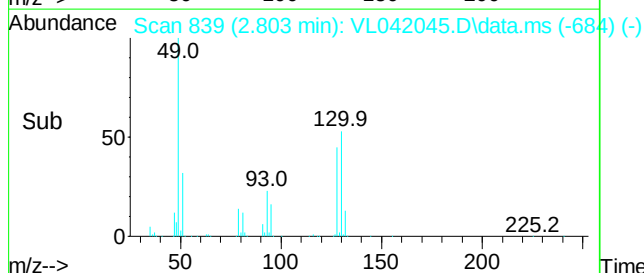
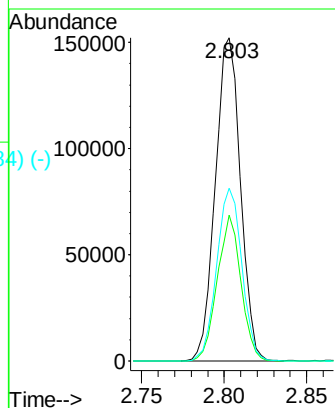
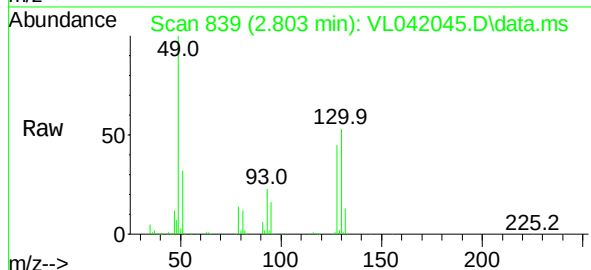




Instrument :
MSVOA_1
Concen: 10.000 ppbv
RT: 2.803 min Scan#
Delta R.T. 0.003 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

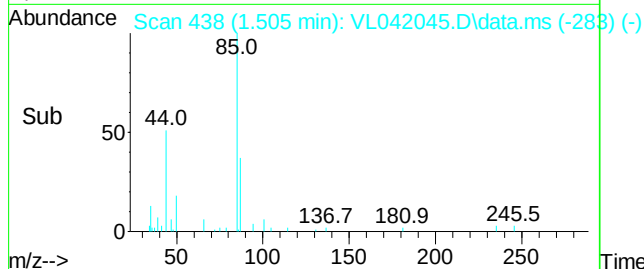
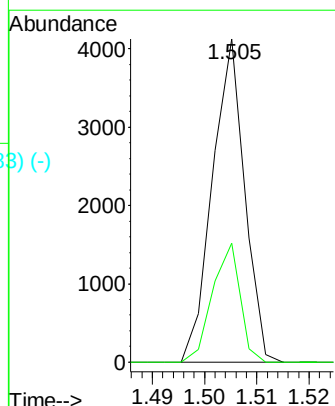
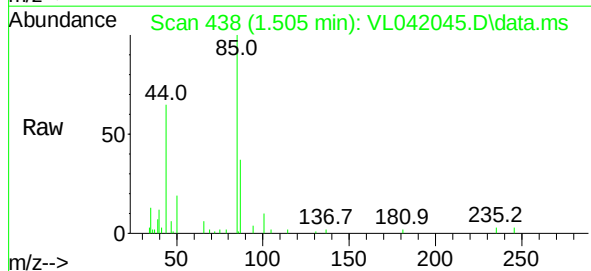
ClientSampleId :
VSTDIC0.1

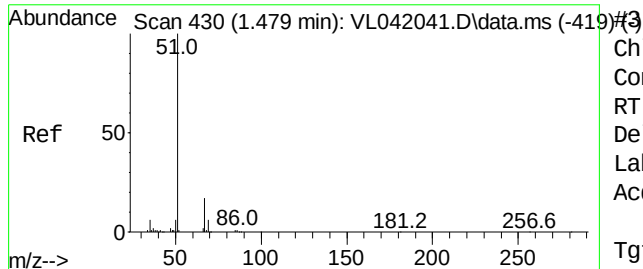
Tgt Ion:	49	Resp:	161406
Ion	Ratio	Lower	Upper
49	100		
128	42.3	21.6	64.8
130	53.5	27.8	83.4



Dichlorodifluoromethane
Concen: 0.064 ppbv
RT: 1.505 min Scan# 438
Delta R.T. 0.003 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Tgt Ion:	85	Resp:	1771
Ion	Ratio	Lower	Upper
85	100		
87	36.9	26.4	39.6

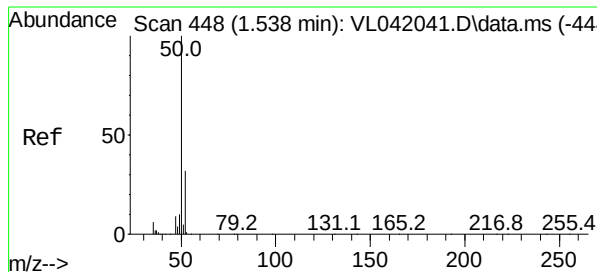
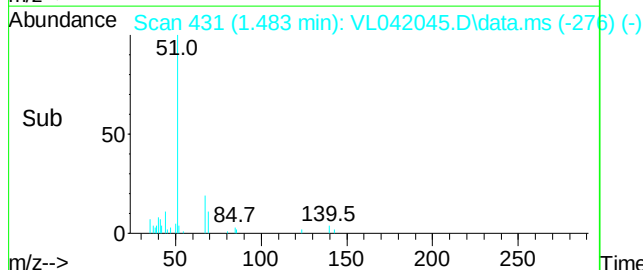
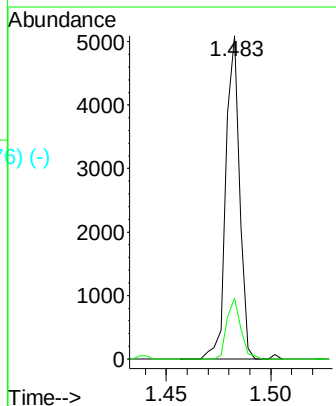
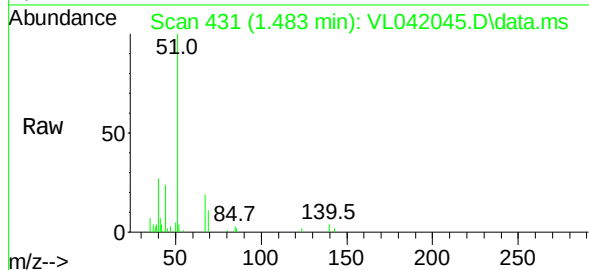




Chlorodifluoromethane
Concen: 0.076 ppbv
RT: 1.483 min Scan#
Delta R.T. 0.003 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

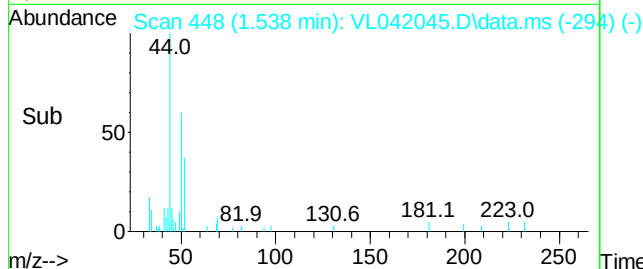
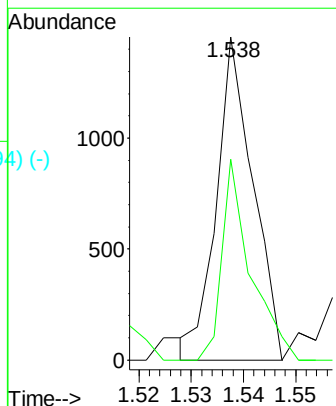
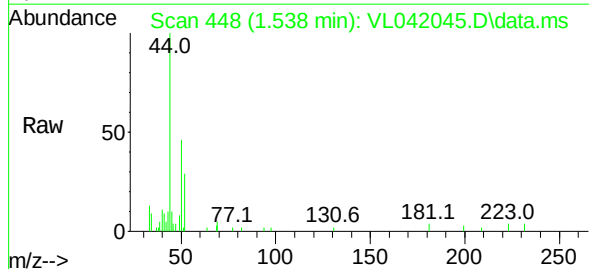
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

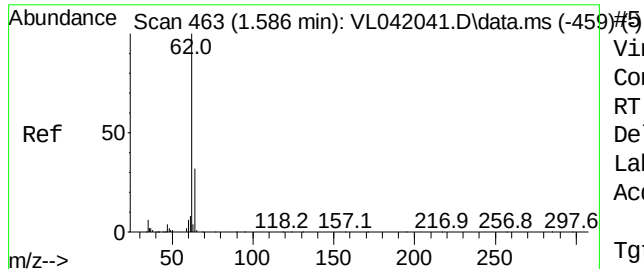
Tgt Ion: 51 Resp: 2339
Ion Ratio Lower Upper
51 100
67 19.0 13.7 20.5



Chloromethane
Concen: 0.065 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Tgt Ion: 50 Resp: 704
Ion Ratio Lower Upper
50 100
52 62.2 25.4 38.0#

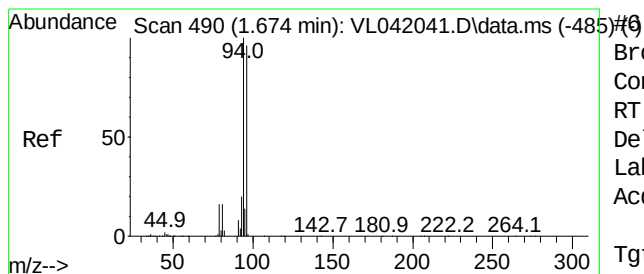
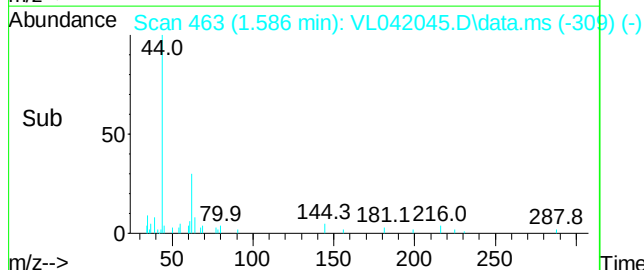
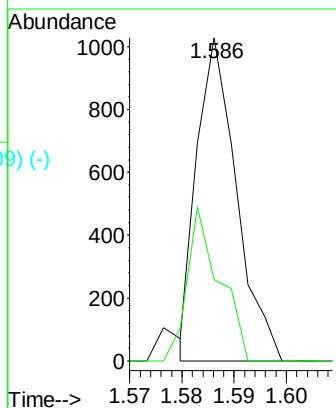
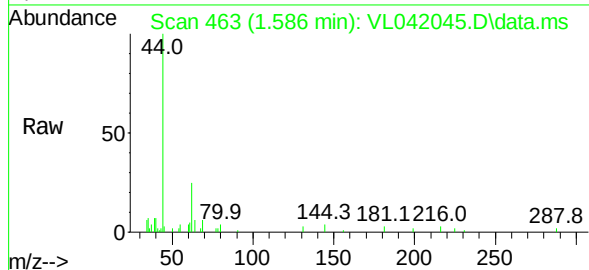




Vinyl Chloride
 Concen: 0.042 ppbv
 RT: 1.586 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

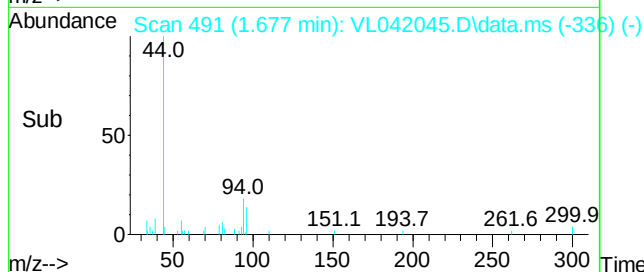
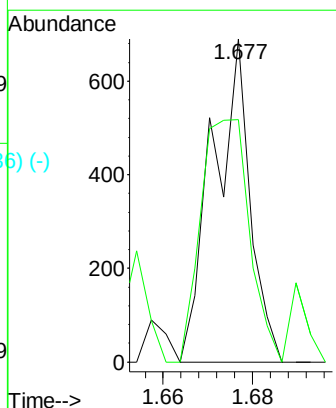
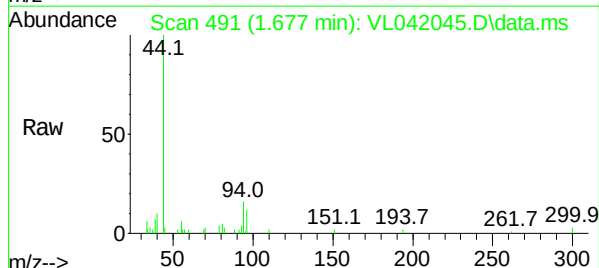
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

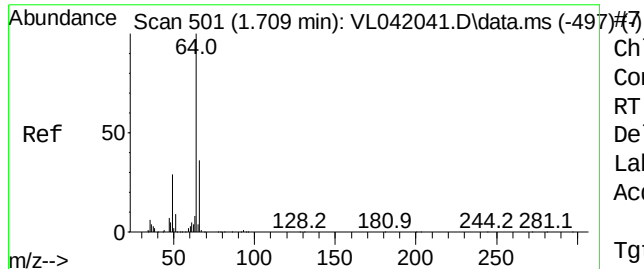
Tgt Ion: 62 Resp: 543
 Ion Ratio Lower Upper
 62 100
 64 25.2 25.3 37.9#



Bromomethane
 Concen: 0.080 ppbv
 RT: 1.677 min Scan# 491
 Delta R.T. 0.003 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

Tgt Ion: 94 Resp: 398
 Ion Ratio Lower Upper
 94 100
 96 75.1 76.5 114.7#

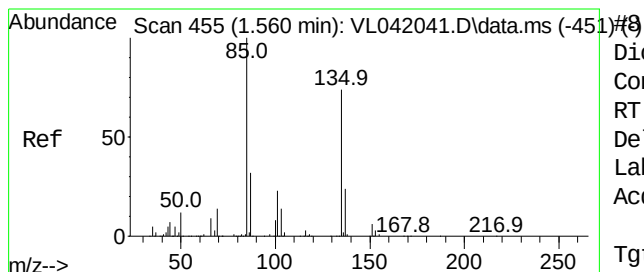
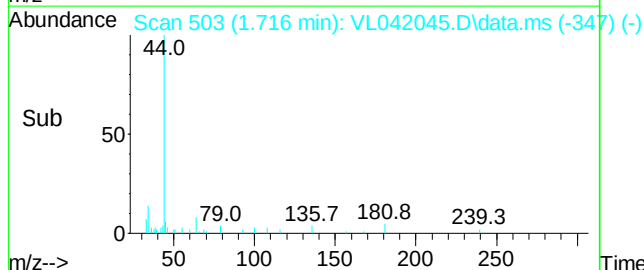
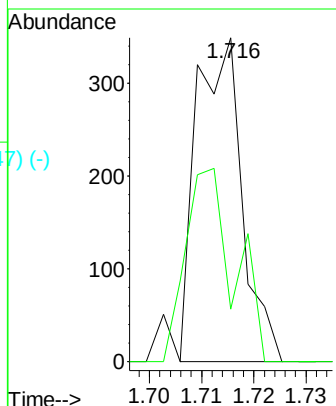
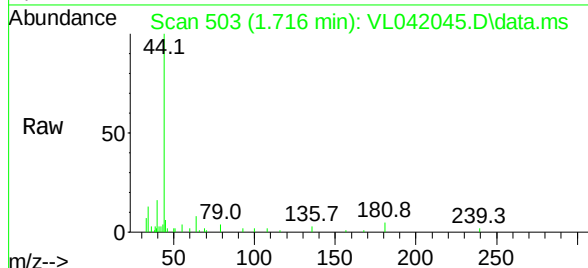




Chloroethane
 Concen: 0.051 ppbv
 RT: 1.716 min Scan# 5
 Delta R.T. 0.006 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

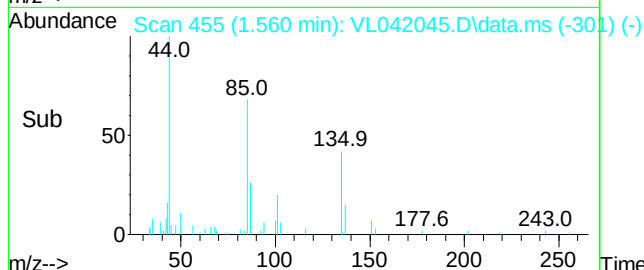
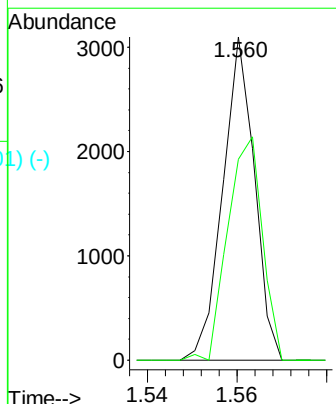
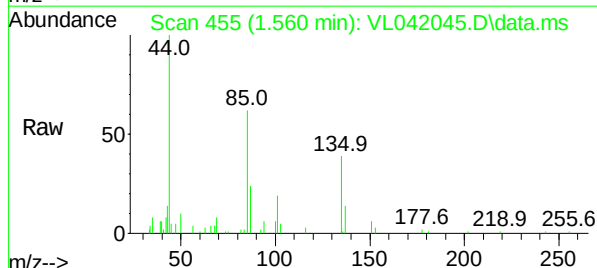
Instrument :
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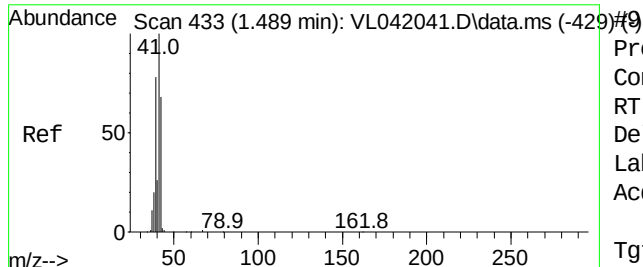
Tgt Ion: 64 Resp: 213
 Ion Ratio Lower Upper
 64 100
 66 16.0 28.4 42.6#



Dichlorotetrafluoroethane
 Concen: 0.062 ppbv
 RT: 1.560 min Scan# 455
 Delta R.T. -0.000 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

Tgt Ion: 85 Resp: 1520
 Ion Ratio Lower Upper
 85 100
 135 75.3 54.6 81.8

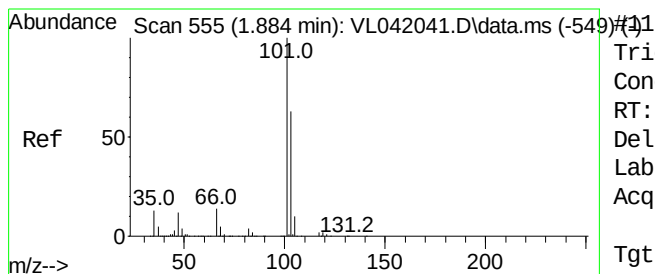
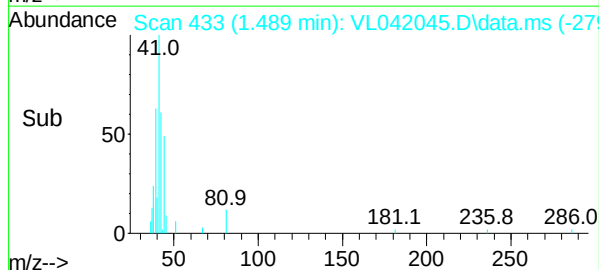
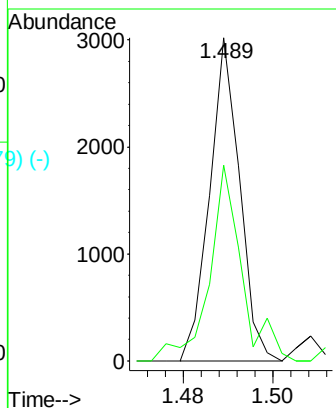
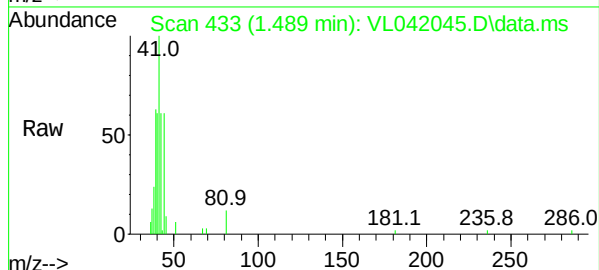




Propene
 Concen: 0.106 ppbv
 RT: 1.489 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042045.D
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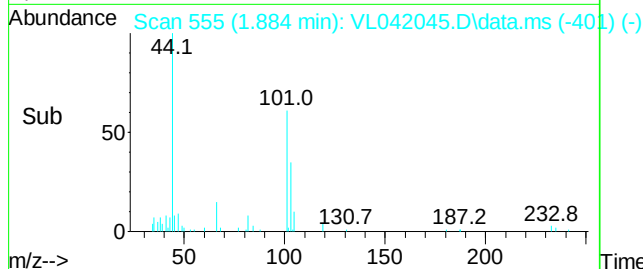
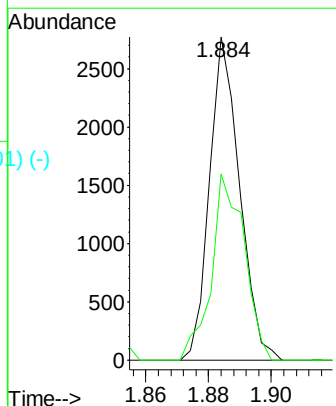
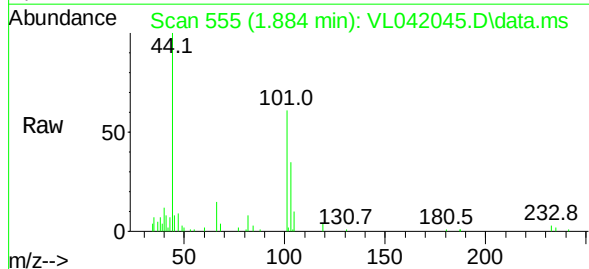
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

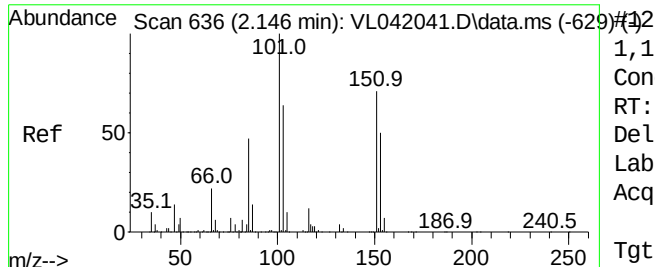
Tgt Ion: 41 Resp: 1402
 Ion Ratio Lower Upper
 41 100
 42 65.3 55.8 83.6



Trichlorofluoromethane
 Concen: 0.066 ppbv
 RT: 1.884 min Scan# 555
 Delta R.T. -0.000 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

Tgt Ion: 101 Resp: 1855
 Ion Ratio Lower Upper
 101 100
 103 57.5 50.6 75.8

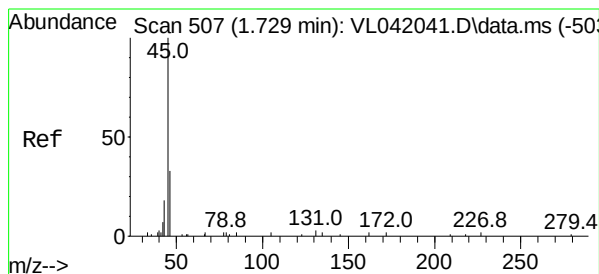
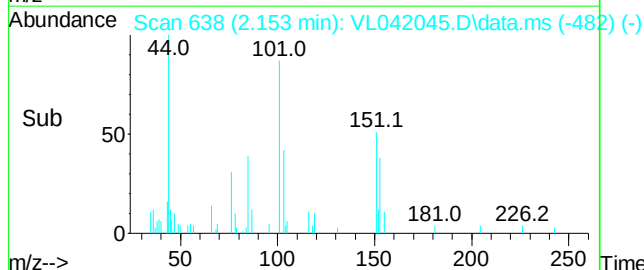
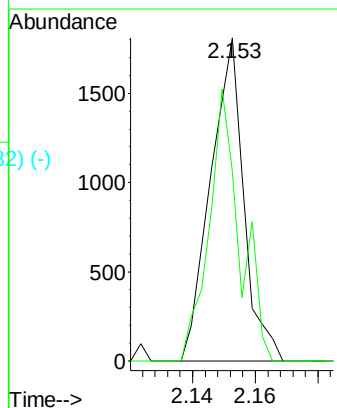
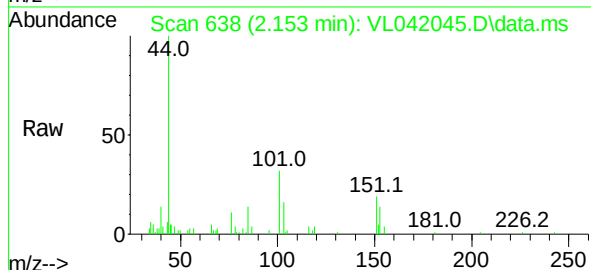




Instrument : MSVOA_1
Concen: 0.061 ppbv
RT: 2.153 min Scan#
Delta R.T. 0.006 min
Lab File: VL042045.D
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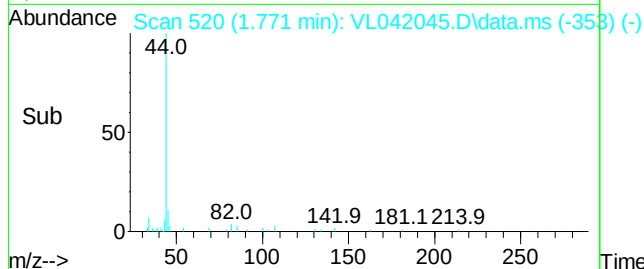
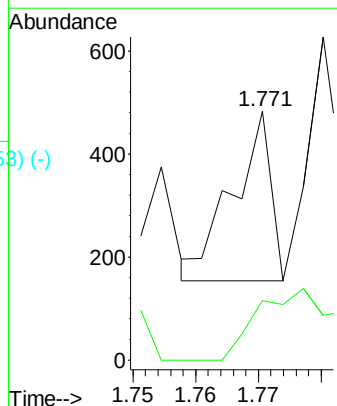
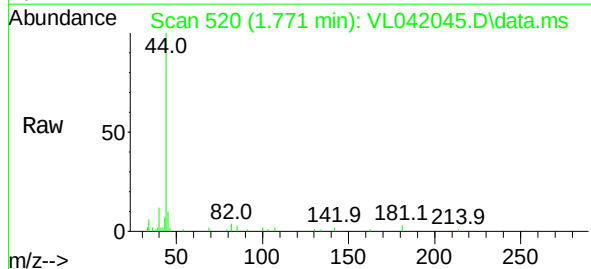
ClientSampleId : VSTDIC0.1

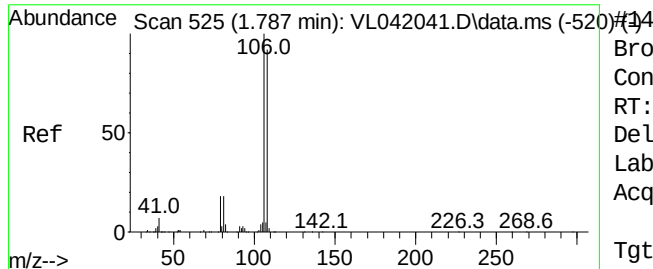
Tgt Ion: 101 Resp: 1337
Ion Ratio Lower Upper
101 100
151 78.1 62.6 94.0



Ethanol
Concen: 0.092 ppbv
RT: 1.771 min Scan# 520
Delta R.T. 0.042 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Tgt Ion: 45 Resp: 137
Ion Ratio Lower Upper
45 100
46 175.9 17.1 68.3#

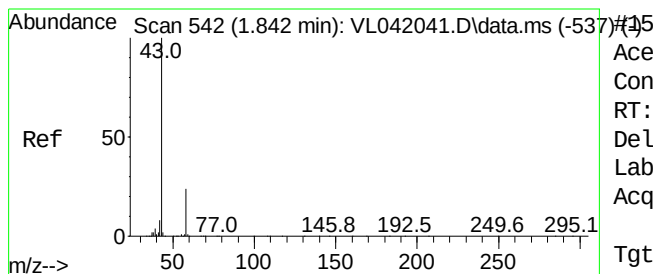
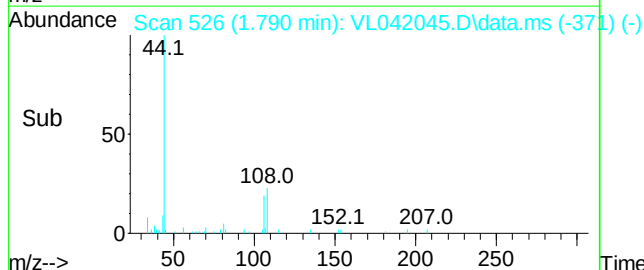
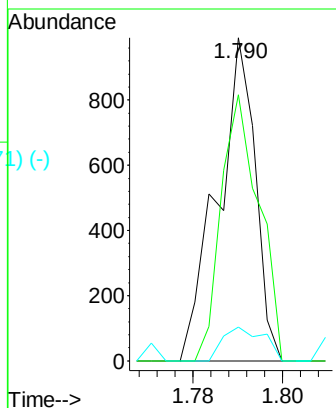
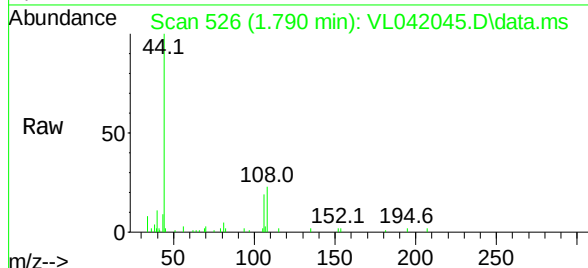




Bromoethene
 Concen: 0.071 ppbv
 RT: 1.790 min Scan# 525
 Delta R.T. 0.003 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

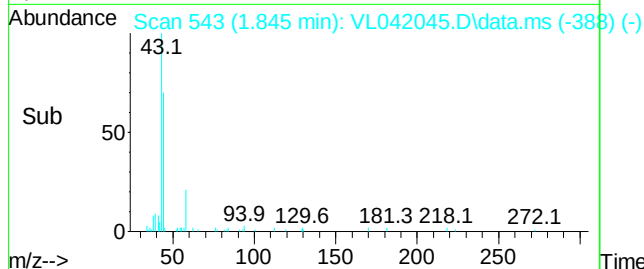
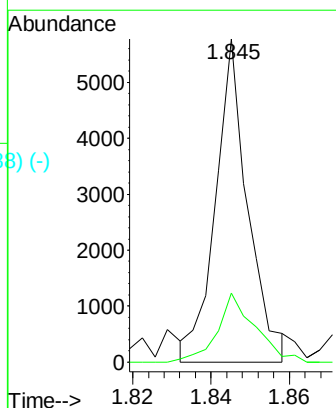
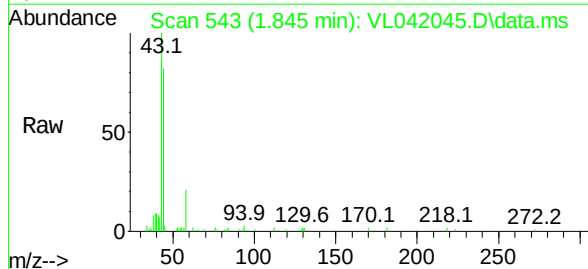
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

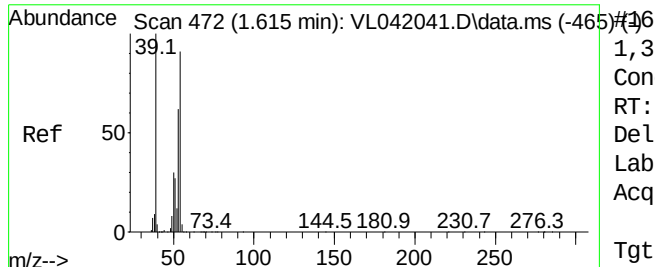
Tgt Ion:	108	Resp:	581
Ion	Ratio	Lower	Upper
108	100		
106	82.1	85.4	128.0#
79	15.7	16.5	24.7#



Acetone
 Concen: 0.125 ppbv
 RT: 1.845 min Scan# 543
 Delta R.T. 0.003 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

Tgt Ion:	43	Resp:	3317
Ion	Ratio	Lower	Upper
43	100		
58	26.4	20.7	31.1

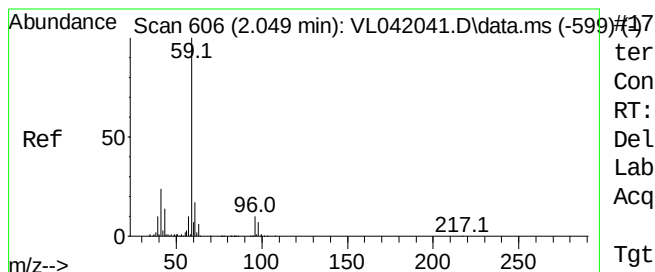
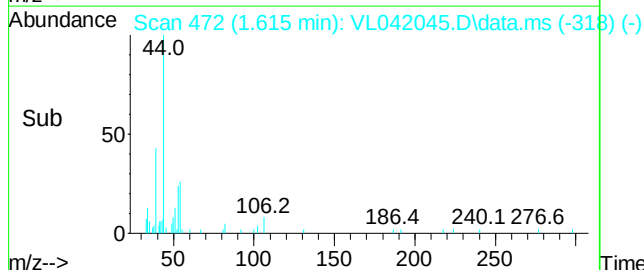
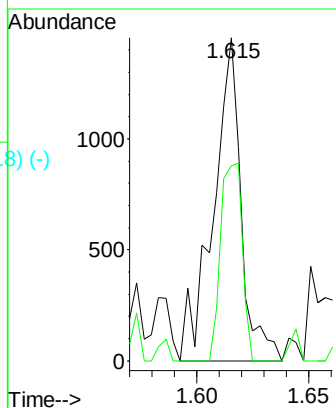
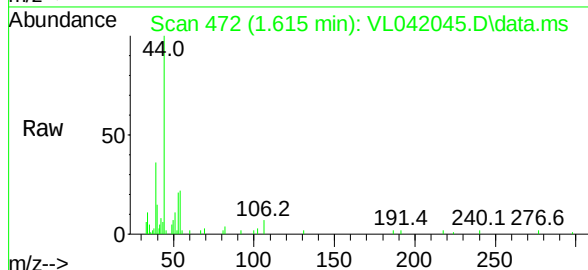




1,3-Butadiene
 Concen: 0.100 ppbv
 RT: 1.615 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

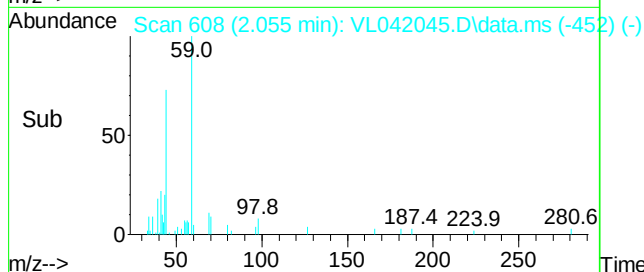
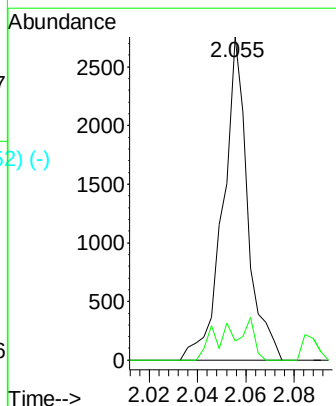
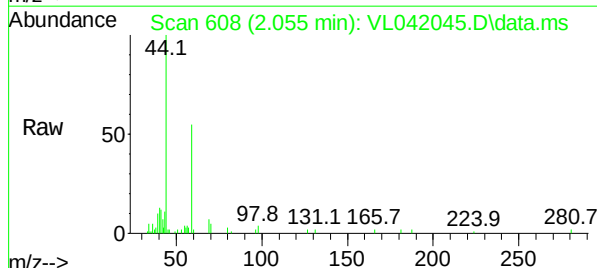
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

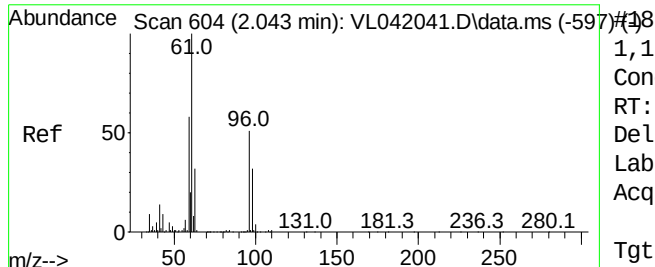
Tgt Ion: 39 Resp: 1259
 Ion Ratio Lower Upper
 39 100
 54 53.1 59.6 89.4#



tert-Butyl alcohol
 Concen: 0.059 ppbv
 RT: 2.055 min Scan# 608
 Delta R.T. 0.006 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

Tgt Ion: 59 Resp: 1942
 Ion Ratio Lower Upper
 59 100
 57 15.9 9.3 13.9#

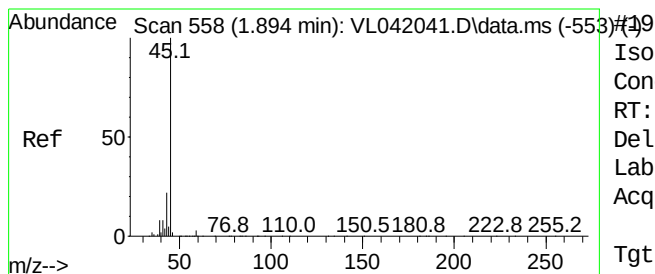
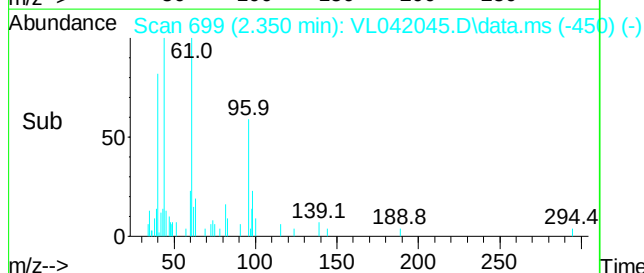
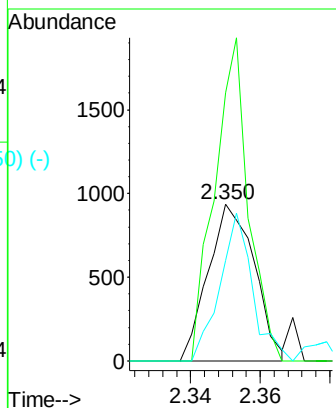
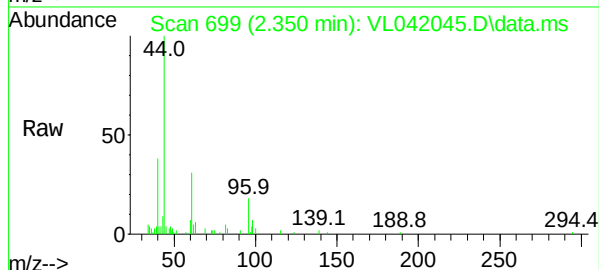




1,1-Dichloroethene
 Concen: 0.083 ppbv
 RT: 2.350 min Scan#
 Delta R.T. 0.307 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

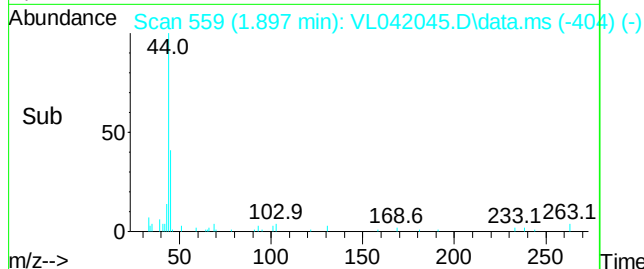
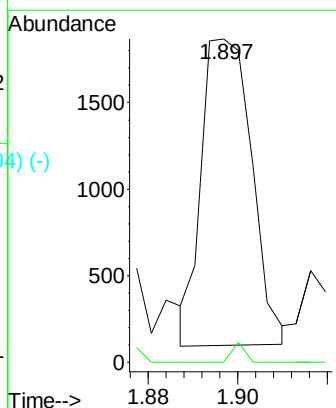
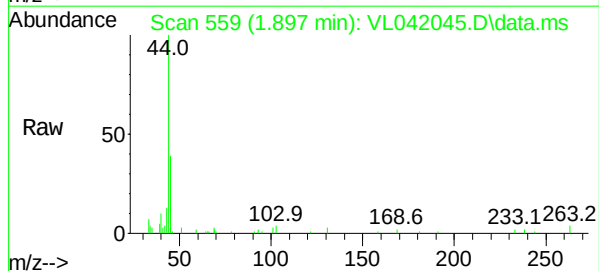
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

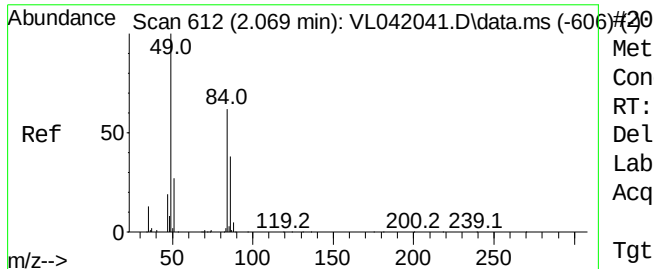
Tgt Ion: 96 Resp: 863
 Ion Ratio Lower Upper
 96 100
 61 170.7 156.0 234.0
 98 64.0 49.4 74.2



Isopropyl Alcohol
 Concen: 0.092 ppbv
 RT: 1.897 min Scan# 559
 Delta R.T. 0.003 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

Tgt Ion: 45 Resp: 1375
 Ion Ratio Lower Upper
 45 100
 58 0.0 35.3 52.9#

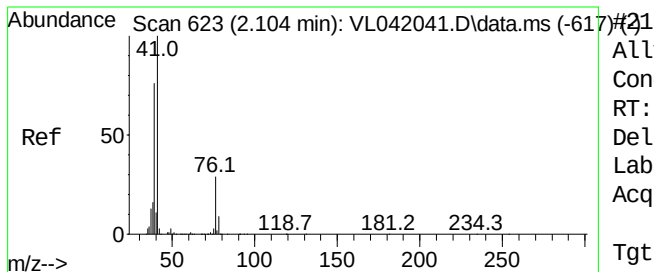
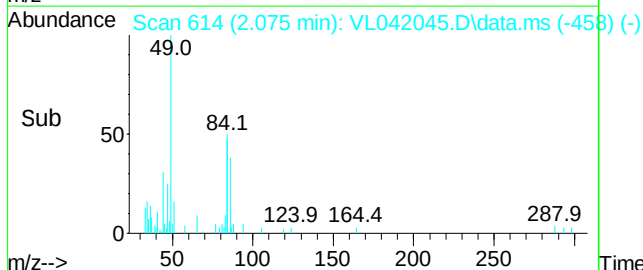
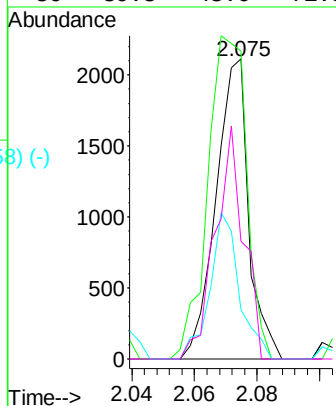
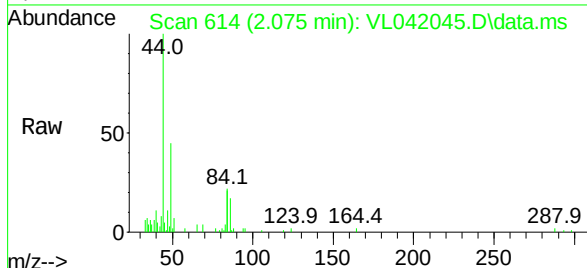




Methylene Chloride
 Concen: 0.154 ppbv
 RT: 2.075 min Scan#
 Delta R.T. 0.006 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

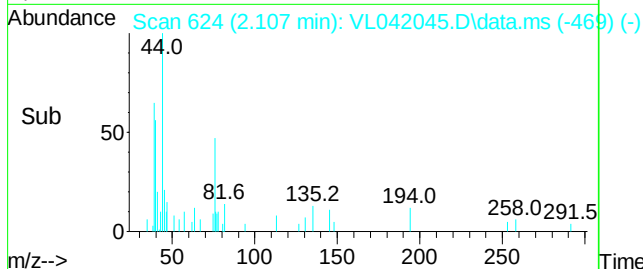
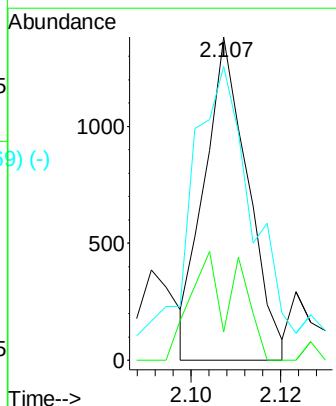
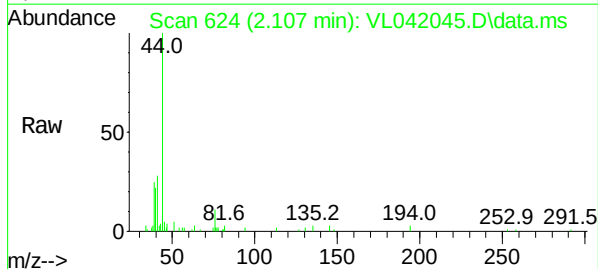
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

Tgt Ion:	84	Resp:	1541
Ion	Ratio	Lower	Upper
84	100		
49	102.7	130.0	195.0#
51	16.4	37.4	56.0#
86	39.3	48.6	72.8#



Allyl Chloride
 Concen: 0.048 ppbv
 RT: 2.107 min Scan# 624
 Delta R.T. 0.003 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

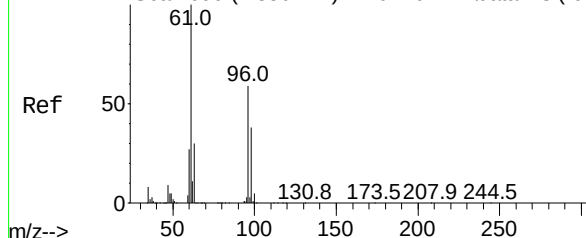
Tgt Ion:	41	Resp:	929
Ion	Ratio	Lower	Upper
41	100		
76	37.5	23.8	35.6#
39	126.3	63.8	95.6#



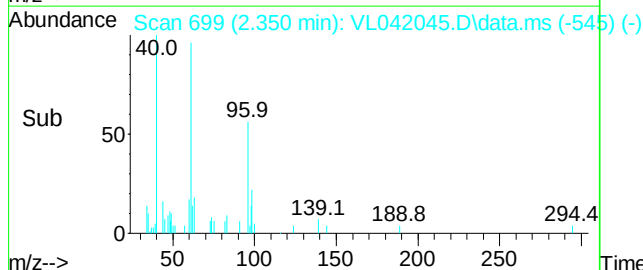
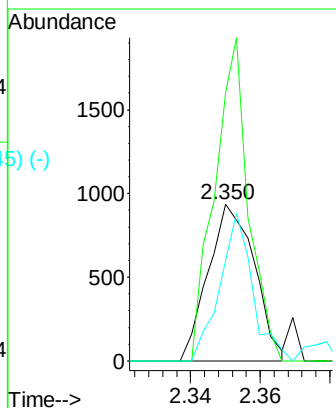
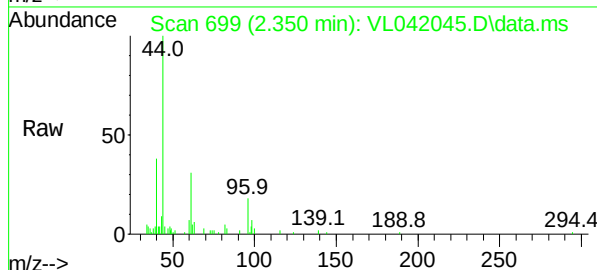
Abundance Scan 699 (2.350 min): VL042041.D\data.ms (-692) #22

trans-1,2-Dichloroethene
Concen: 0.076 ppbv
RT: 2.350 min Scan# 699
Delta R.T. -0.000 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1



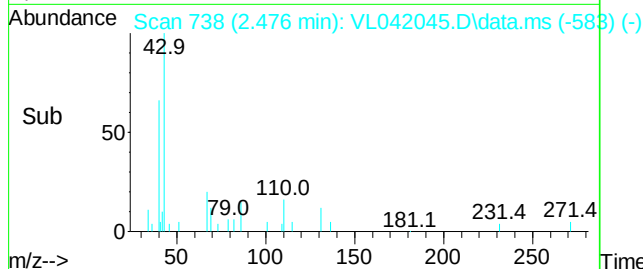
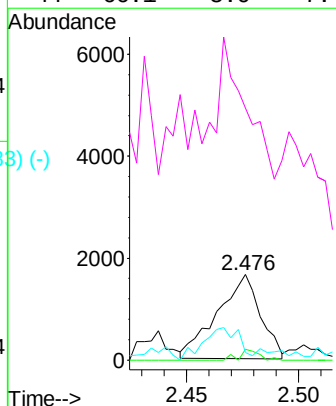
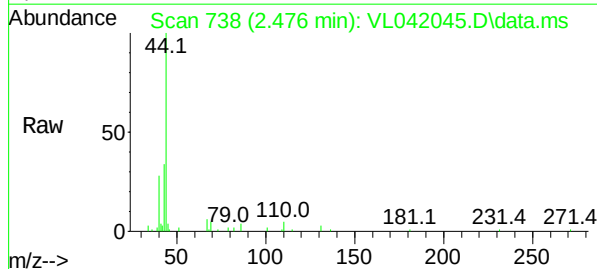
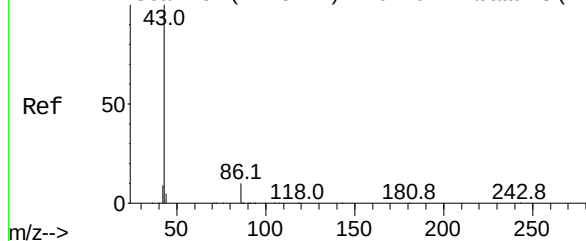
Tgt Ion:	96	Resp:	863
Ion	Ratio	Lower	Upper
96	100		
61	170.7	136.6	205.0
98	64.0	51.8	77.6



Abundance Scan 737 (2.473 min): VL042041.D\data.ms (-733) #23

Vinyl Acetate
Concen: 0.153 ppbv
RT: 2.476 min Scan# 738
Delta R.T. 0.003 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Tgt Ion:	43	Resp:	2203
Ion	Ratio	Lower	Upper
43	100		
86	14.1	7.0	10.4#
42	9.6	7.6	11.4
44	66.1	5.0	7.4#



Abundance Scan 720 (2.418 min): VL042041.D\data.ms (-709) #24

1,1-Dichloroethane

Concen: 0.061 ppbv

RT: 2.418 min Scan#

Delta R.T. -0.000 min

Lab File: VL042045.D

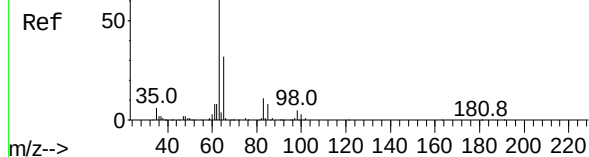
Acq: 25 Feb 2025 11:03

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1



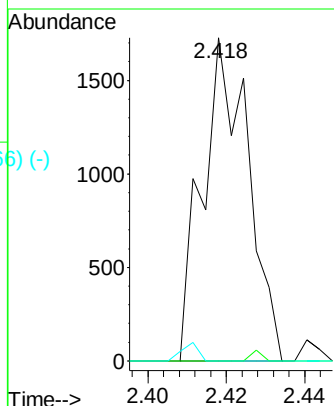
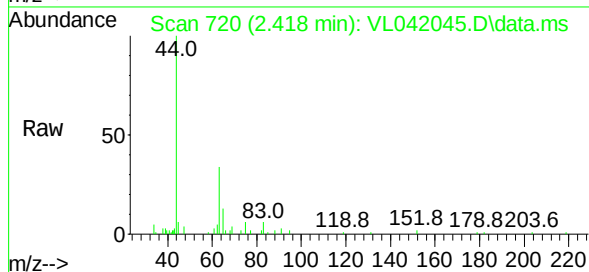
Tgt Ion: 63 Resp: 1398

Ion Ratio Lower Upper

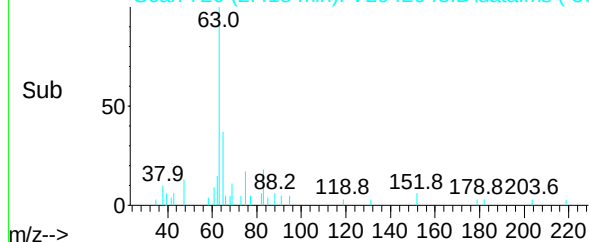
63 100

98 0.0 2.4 7.2#

100 0.0 1.7 5.0#



Abundance Scan 720 (2.418 min): VL042045.D\data.ms (-566) (-)



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

Ethyl Acetate

Concen: 0.083 ppbv

RT: 2.861 min Scan# 857

Delta R.T. 0.010 min

Lab File: VL042045.D

Acq: 25 Feb 2025 11:03

Tgt Ion: 43 Resp: 6037

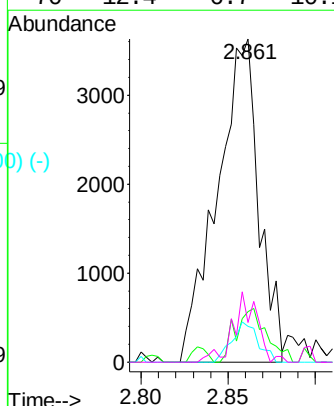
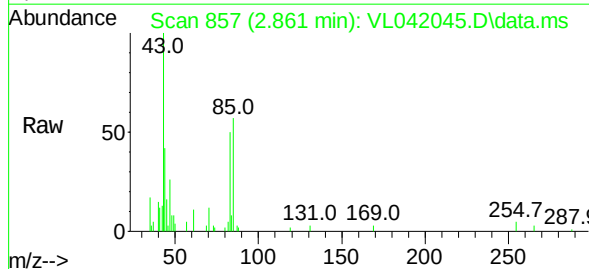
Ion Ratio Lower Upper

43 100

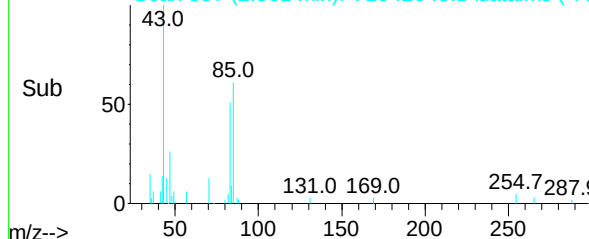
45 15.5 8.1 12.1#

61 7.8 7.2 10.8

70 12.4 6.7 10.1#



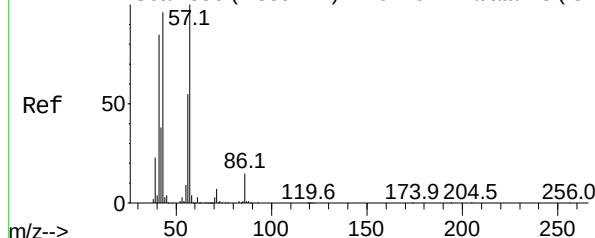
Abundance Scan 857 (2.861 min): VL042045.D\data.ms (-700) (-)



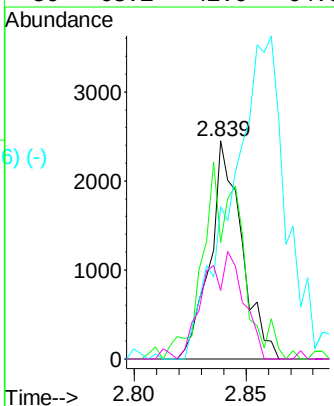
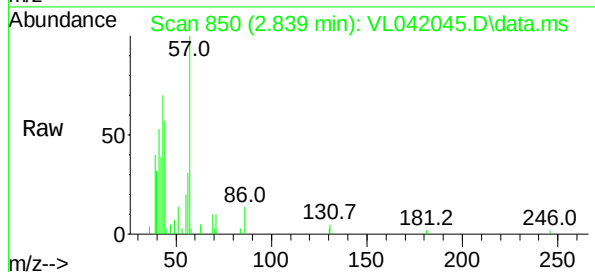
Abundance Scan 850 (2.839 min): VL042041.D\data.ms (-840) #26

Hexane
Concen: 0.082 ppbv
RT: 2.839 min Scan#
Delta R.T. -0.000 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

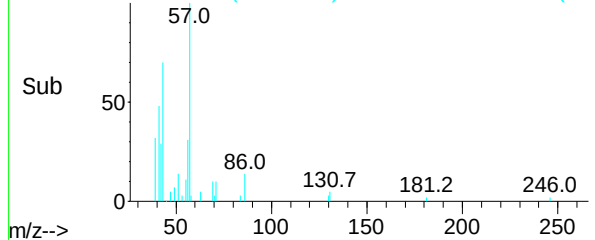
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1



Tgt Ion:	57	Resp:	2417
Ion	Ratio	Lower	Upper
57	100		
41	109.7	70.6	106.0#
43	265.1	199.4	299.0
56	63.1	42.6	64.0



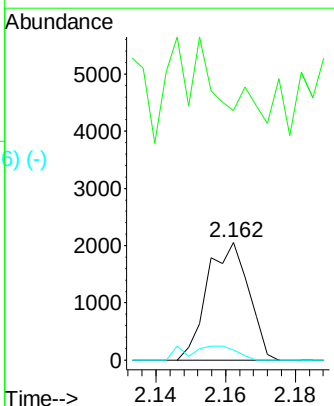
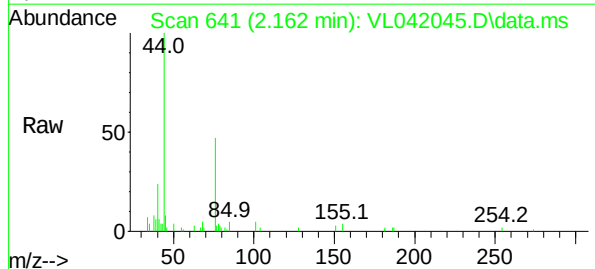
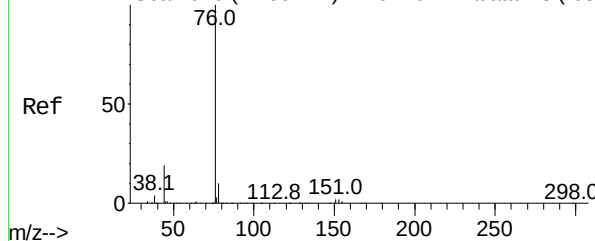
Abundance Scan 850 (2.839 min): VL042045.D\data.ms (-696) (-)



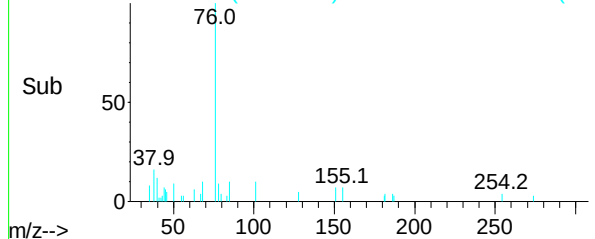
Abundance Scan 640 (2.159 min): VL042041.D\data.ms (-633) #27

Carbon Disulfide
Concen: 0.061 ppbv
RT: 2.162 min Scan# 641
Delta R.T. 0.003 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Tgt Ion:	76	Resp:	1691
Ion	Ratio	Lower	Upper
76	100		
44	451.3	16.2	24.2#
78	14.4	9.4	14.0#



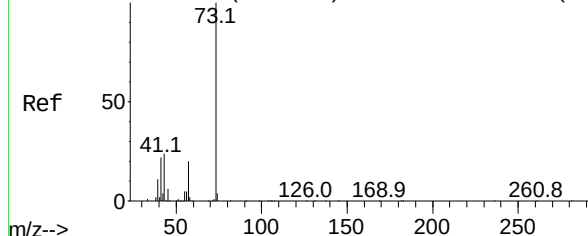
Abundance Scan 641 (2.162 min): VL042045.D\data.ms (-486) (-)



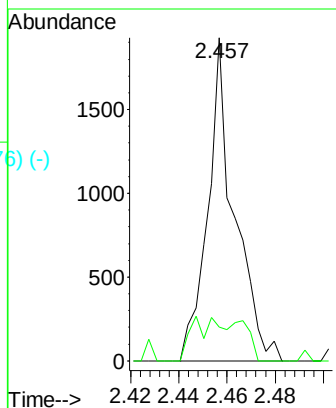
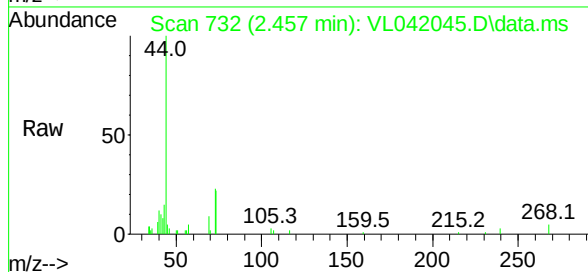
Abundance Scan 730 (2.450 min): VL042041.D\data.ms (-723) #28

Methyl tert-Butyl Ether
Concen: 0.082 ppbv
RT: 2.457 min Scan#
Delta R.T. 0.006 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

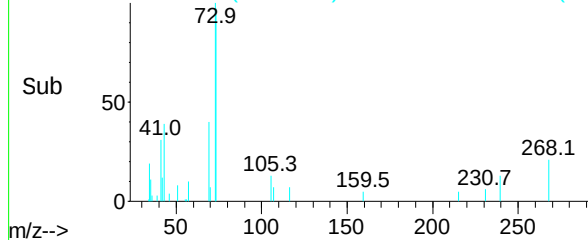
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1



Tgt Ion: 73 Resp: 1475
Ion Ratio Lower Upper
73 100
57 26.0 17.7 26.5



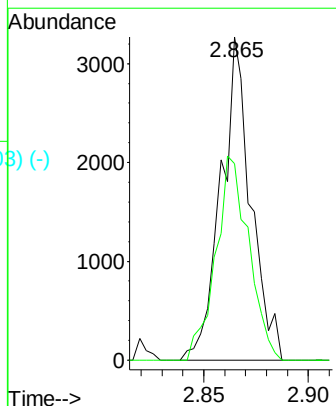
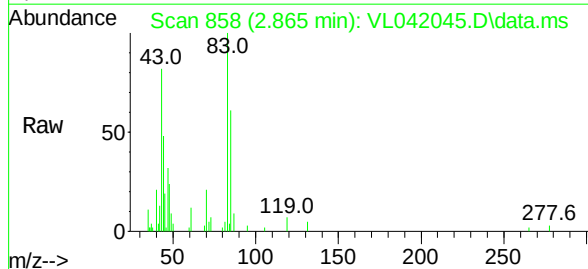
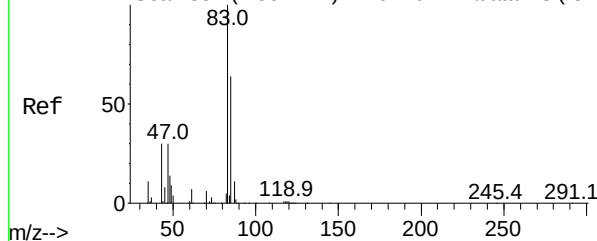
Abundance Scan 732 (2.457 min): VL042045.D\data.ms (-576) (-)



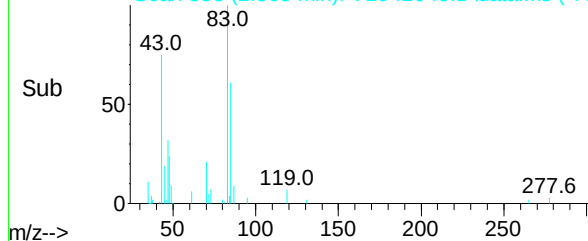
Abundance Scan 857 (2.862 min): VL042041.D\data.ms (-847) #29

Chloroform
Concen: 0.077 ppbv
RT: 2.865 min Scan# 858
Delta R.T. 0.003 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Tgt Ion: 83 Resp: 3264
Ion Ratio Lower Upper
83 100
85 60.7 51.2 76.8



Abundance Scan 858 (2.865 min): VL042045.D\data.ms (-708) (-)



Abundance Scan 1170 (3.875 min): VL042041.D\data.ms (-11530)

Cyclohexane

Concen: 0.060 ppbv

RT: 3.881 min Scan#

Delta R.T. 0.006 min

Lab File: VL042045.D

Acq: 25 Feb 2025 11:03

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1

m/z-->

Abundance Scan 1172 (3.881 min): VL042045.D\data.ms

Raw

m/z-->

Abundance Scan 1172 (3.881 min): VL042045.D\data.ms (-1016) (-)

Sub

m/z-->

Tgt Ion: 84 Resp: 1421

Ion Ratio Lower Upper

84 100

56 209.1 101.5 152.3#

41 154.8 62.6 93.8#

Abundance

Time-->

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

cis-1,2-Dichloroethene

Concen: 0.046 ppbv

RT: 2.732 min Scan# 817

Delta R.T. -0.000 min

Lab File: VL042045.D

Acq: 25 Feb 2025 11:03

Tgt Ion: 61 Resp: 1328

Ion Ratio Lower Upper

61 100

96 55.3 51.5 77.3

98 27.6 32.0 48.0#

Abundance

Time-->

Abundance Scan 817 (2.732 min): VL042045.D\data.ms (-668) (-)

Sub

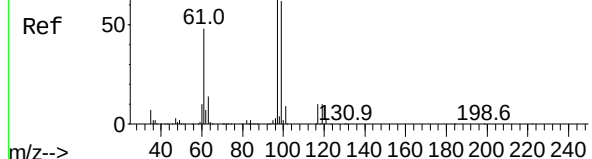
m/z-->

Time-->

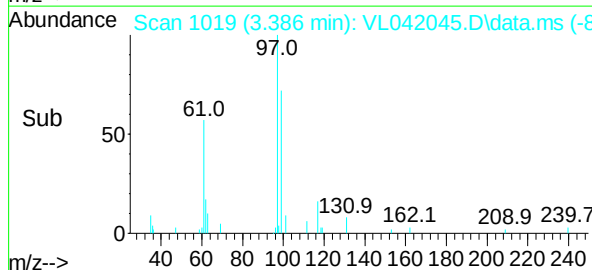
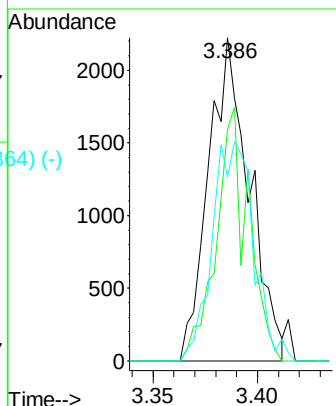
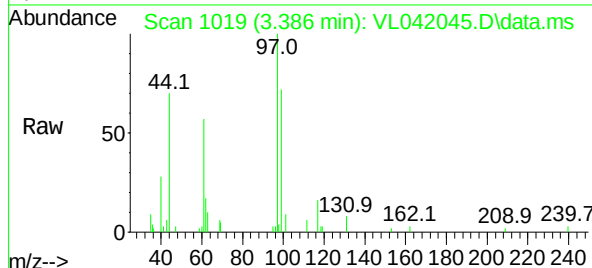
Abundance Scan 1018 (3.383 min): VL042041.D\data.ms (-10632)

1,1,1-Trichloroethane
Concen: 0.064 ppbv
RT: 3.386 min Scan#
Delta R.T. 0.003 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1



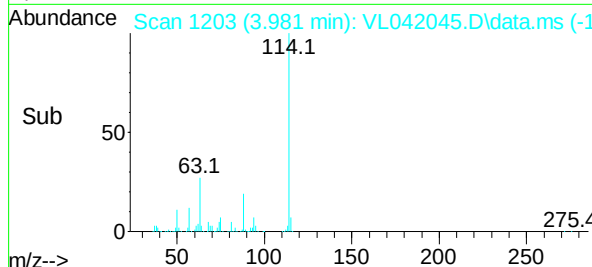
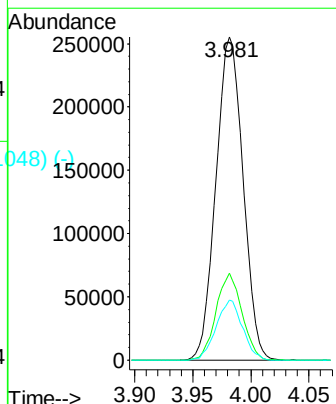
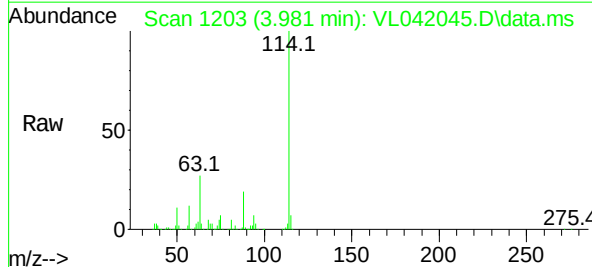
Tgt Ion:	97	Resp:	3026
Ion	Ratio	Lower	Upper
97	100		
99	61.1	49.8	74.6
61	68.5	38.9	58.3#

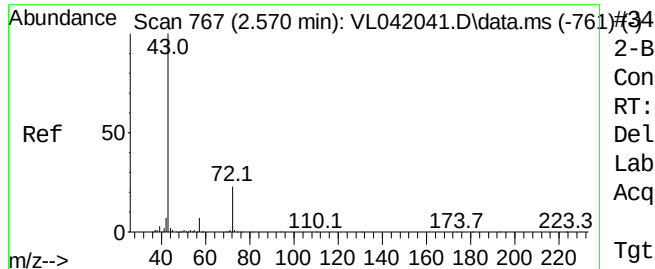


Abundance Scan 1202 (3.978 min): VL042041.D\data.ms (-11893)

1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.981 min Scan# 1203
Delta R.T. 0.003 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Tgt Ion:	114	Resp:	414875
Ion	Ratio	Lower	Upper
114	100		
63	25.7	20.1	30.1
88	18.0	14.3	21.5

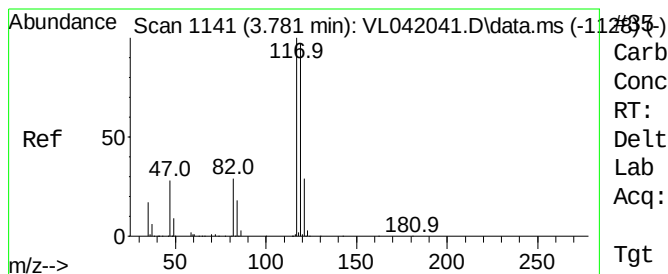
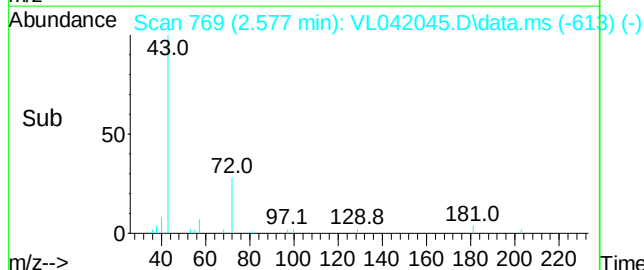
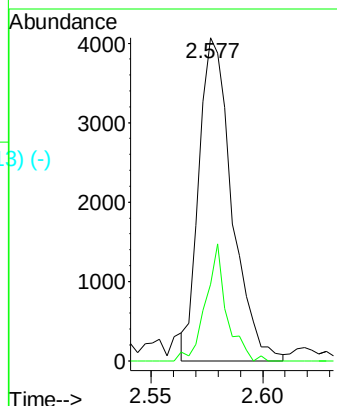
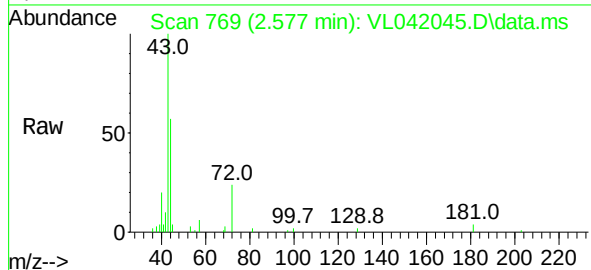




#34
 2-Butanone
 Concen: 0.117 ppbv
 RT: 2.577 min Scan#
 Delta R.T. 0.006 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

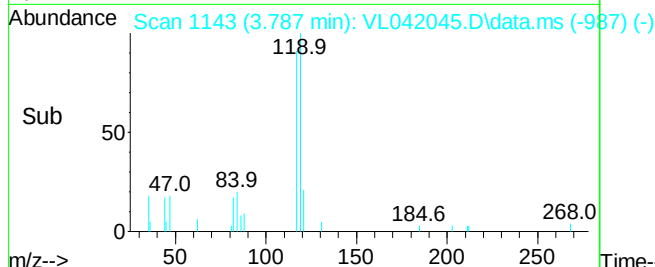
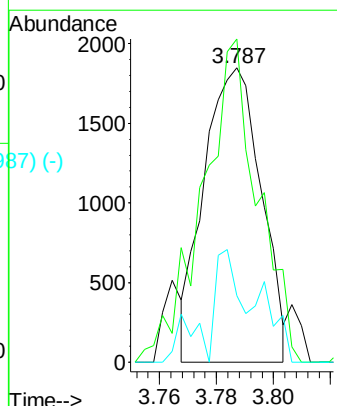
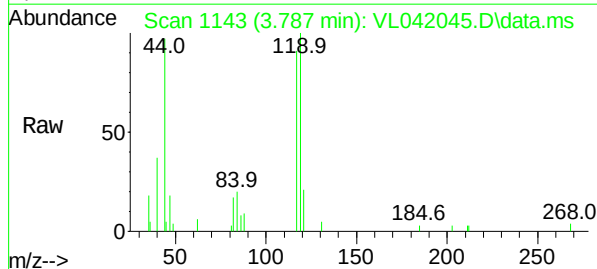
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

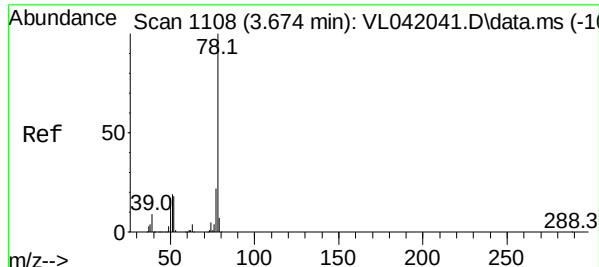
Tgt Ion: 43 Resp: 4167
 Ion Ratio Lower Upper
 43 100
 72 23.0 18.5 27.7



#35
 Carbon Tetrachloride
 Concen: 0.064 ppbv
 RT: 3.787 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

Tgt Ion:117 Resp: 2571
 Ion Ratio Lower Upper
 117 100
 119 89.5 77.8 116.8
 121 7.7 23.4 35.0#

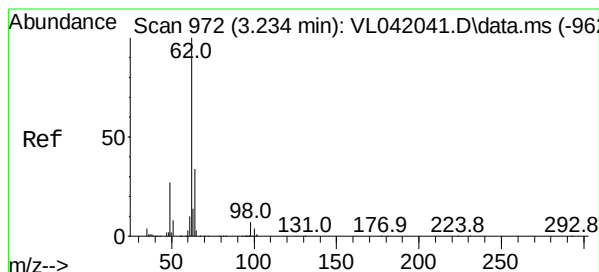
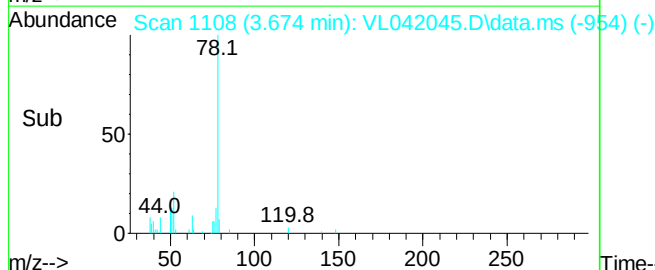
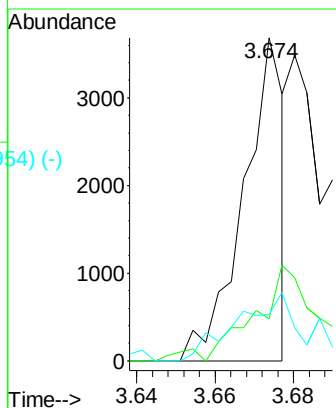
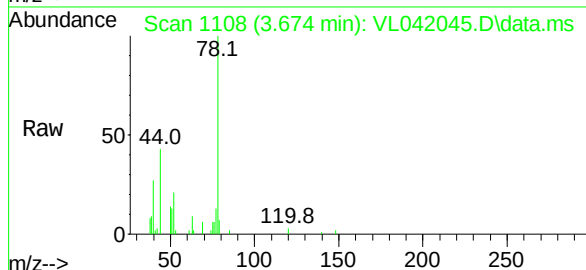




Benzene
Concen: 0.052 ppbv
RT: 3.674 min Scan#
Delta R.T. -0.000 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

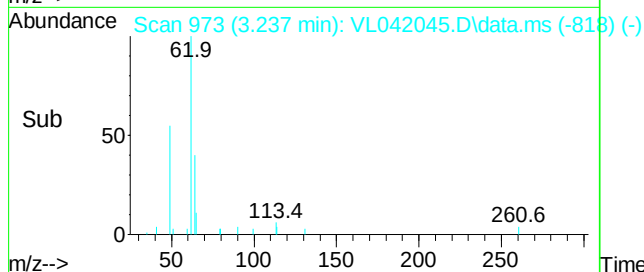
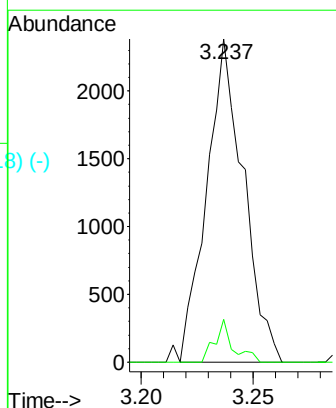
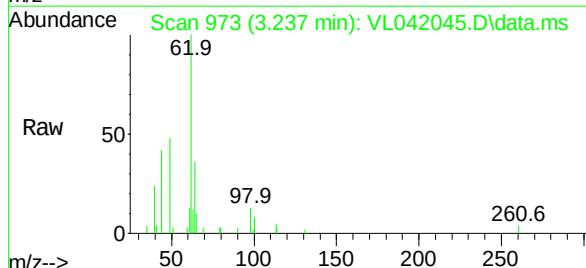
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

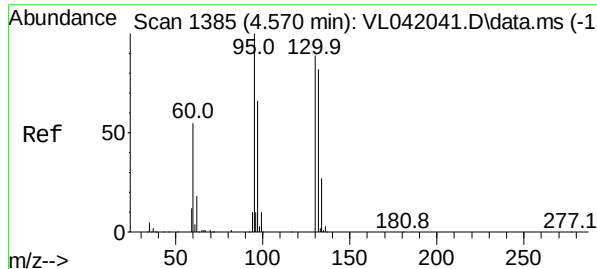
Tgt Ion: 78 Resp: 2614
Ion Ratio Lower Upper
78 100
77 10.3 17.7 26.5#
50 14.4 13.9 20.9



1,2-Dichloroethane
Concen: 0.096 ppbv
RT: 3.237 min Scan# 973
Delta R.T. 0.003 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Tgt Ion: 62 Resp: 2734
Ion Ratio Lower Upper
62 100
98 6.4 5.7 8.5

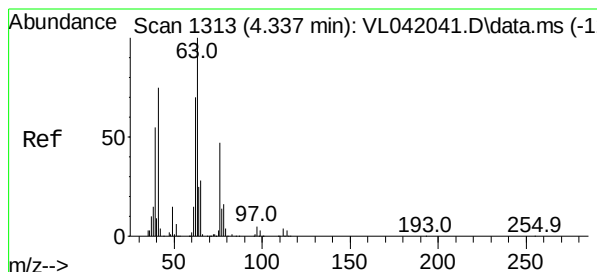
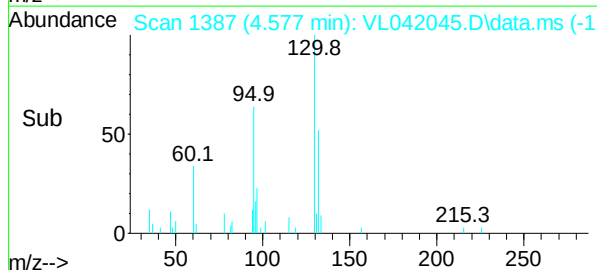
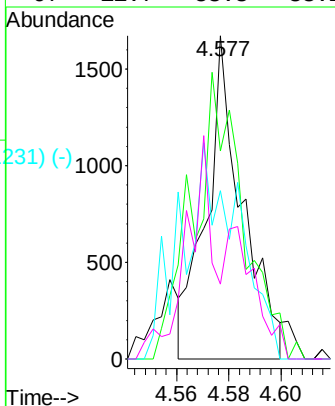
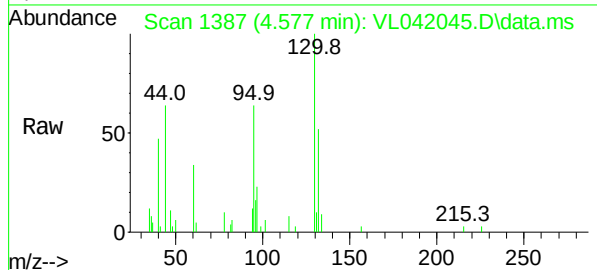




Trichloroethene
 Concen: 0.078 ppbv
 RT: 4.577 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

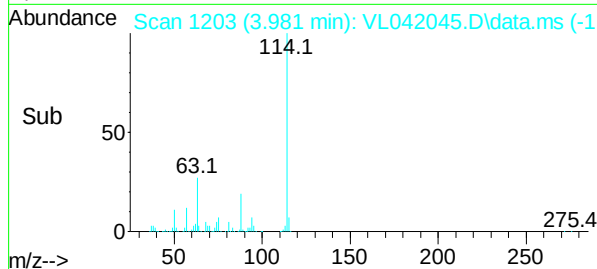
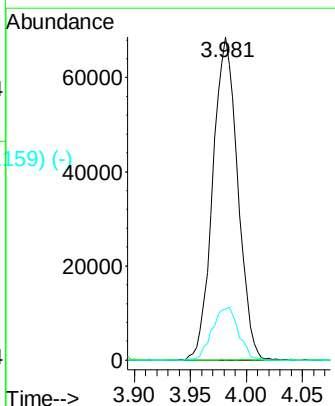
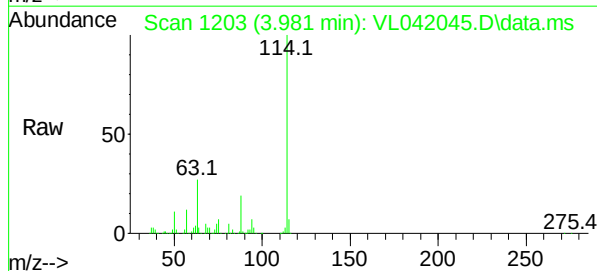
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

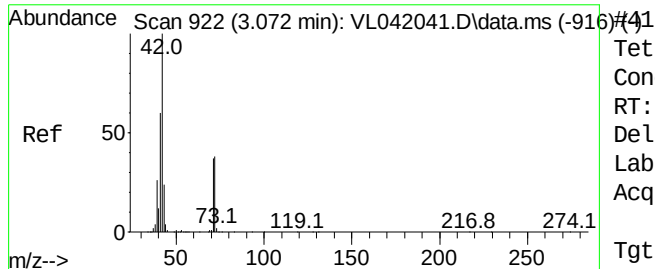
Tgt Ion:	130	Resp:	1585
Ion	Ratio	Lower	Upper
130	100		
95	50.5	89.5	134.3#
132	52.5	73.8	110.6#
97	12.7	58.8	88.2#



1,2-Dichloropropane
 Concen: 5.792 ppbv
 RT: 3.981 min Scan# 1203
 Delta R.T. -0.356 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

Tgt Ion:	63	Resp:	106722
Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.1	90.1#
62	15.9	55.8	83.8#

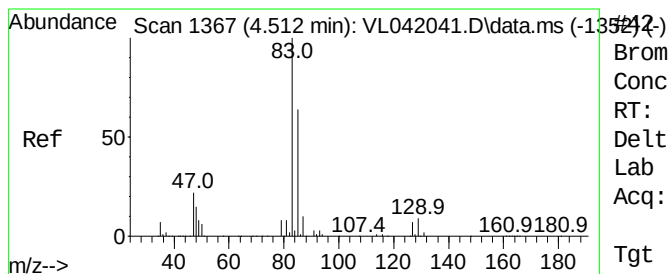
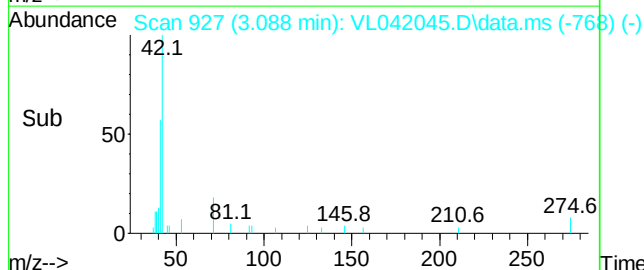
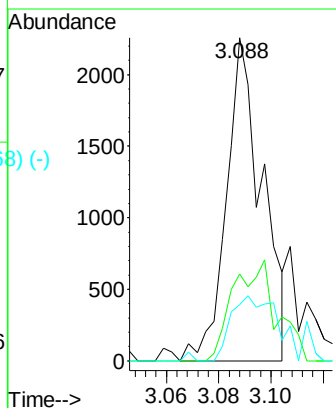
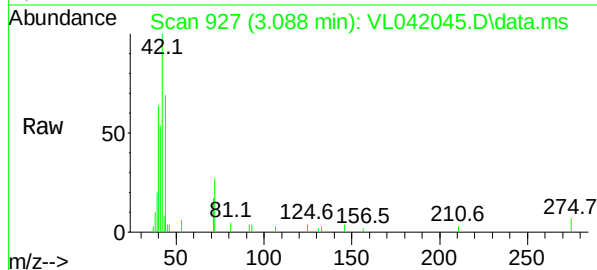




Tetrahydrofuran
 Concen: 0.105 ppbv
 RT: 3.088 min Scan#
 Delta R.T. 0.016 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

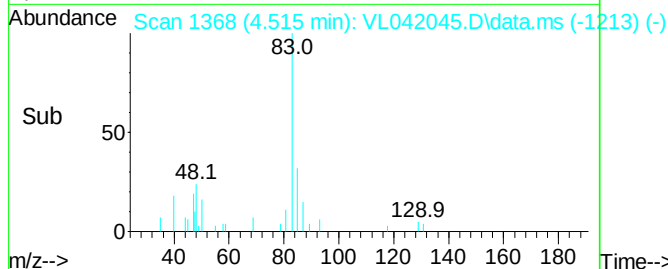
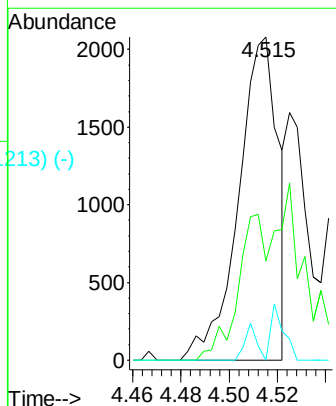
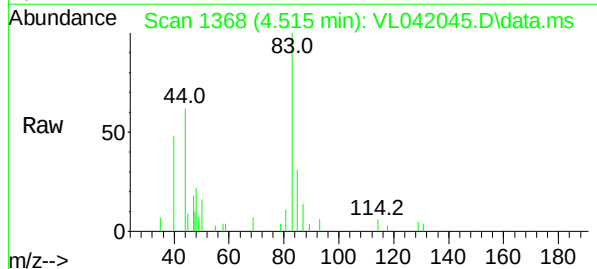
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

Tgt Ion:	42	Resp:	2150
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.2	45.2#
71	29.4	28.2	42.4

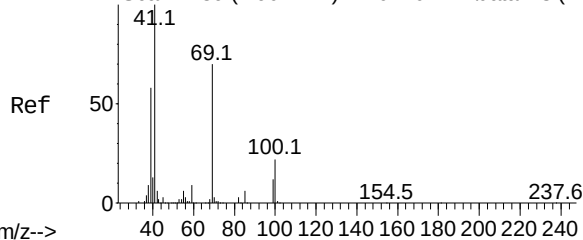


Bromodichloromethane
 Concen: 0.061 ppbv
 RT: 4.515 min Scan# 1368
 Delta R.T. 0.003 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

Tgt Ion:	83	Resp:	2370
Ion	Ratio	Lower	Upper
83	100		
85	30.8	51.4	77.2#
127	0.0	5.8	8.6#



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

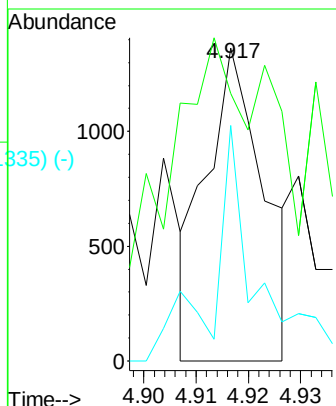
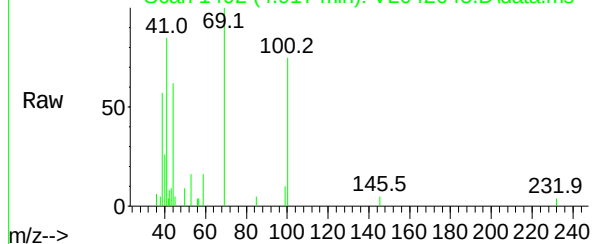


Methyl Methacrylate
Concen: 0.046 ppbv
RT: 4.917 min Scan#
Delta R.T. 0.010 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

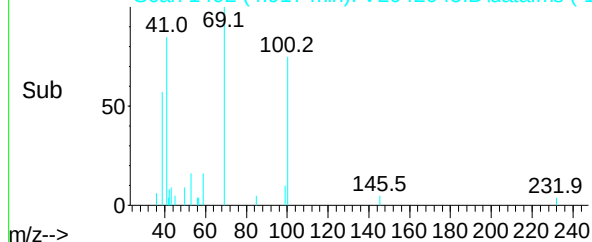
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

Tgt Ion: 69 Resp: 1045
Ion Ratio Lower Upper
69 100
41 274.1 118.2 177.4#
100 58.9 27.0 40.4#

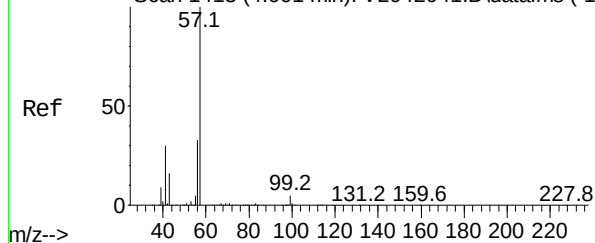
Abundance Scan 1492 (4.917 min): VL042045.D\data.ms



Abundance Scan 1492 (4.917 min): VL042045.D\data.ms (-1335) (-)



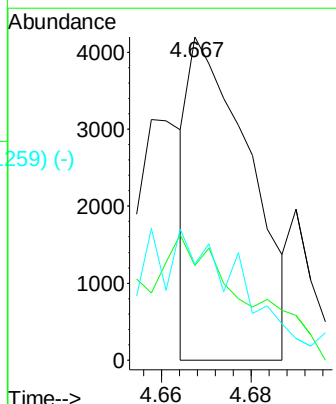
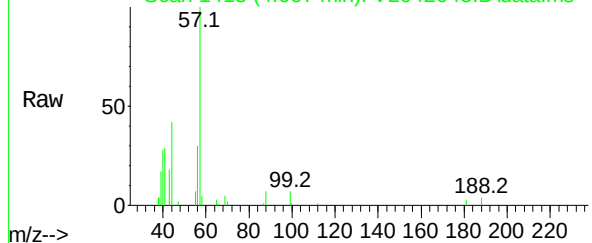
Abundance Scan 1413 (4.661 min): VL042041.D\data.ms (-1404)



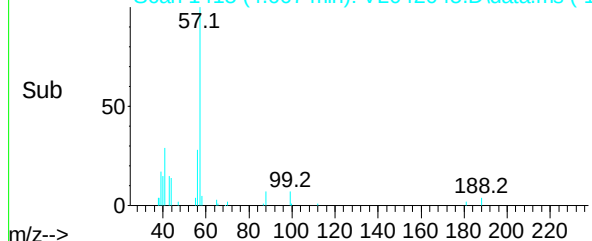
2,2,4-Trimethylpentane
Concen: 0.046 ppbv
RT: 4.667 min Scan# 1415
Delta R.T. 0.006 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Tgt Ion: 57 Resp: 3926
Ion Ratio Lower Upper
57 100
41 74.0 24.4 36.6#
56 0.0 26.5 39.7#

Abundance Scan 1415 (4.667 min): VL042045.D\data.ms



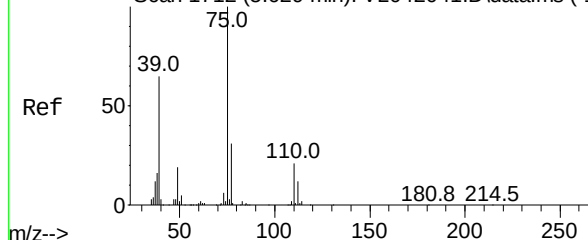
Abundance Scan 1415 (4.667 min): VL042045.D\data.ms (-1259) (-)



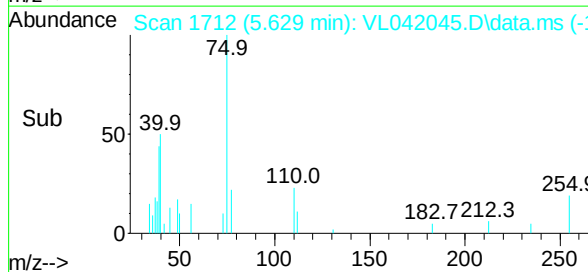
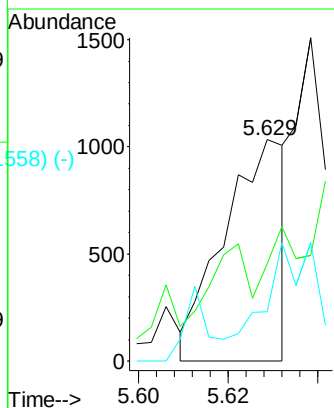
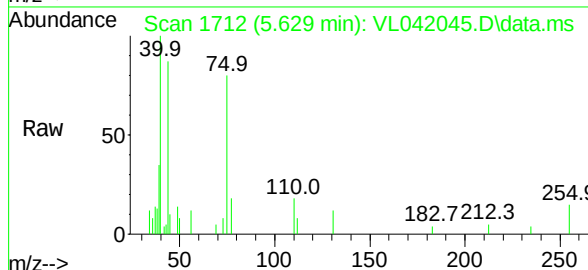
Abundance Scan 1712 (5.629 min): VL042041.D\data.ms (-1694)

cis-1,3-Dichloropropene
Concen: 0.036 ppbv
RT: 5.629 min Scan#
Delta R.T. -0.000 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



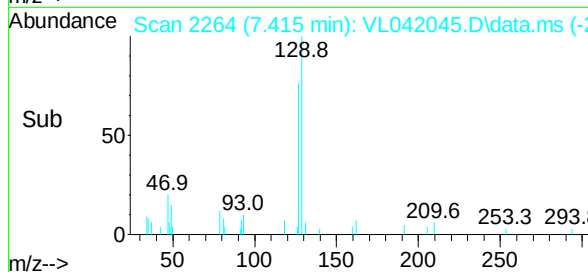
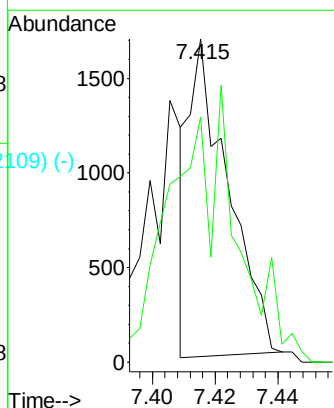
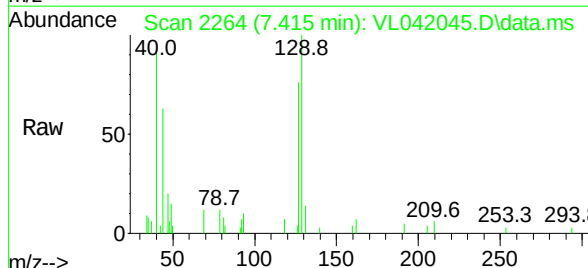
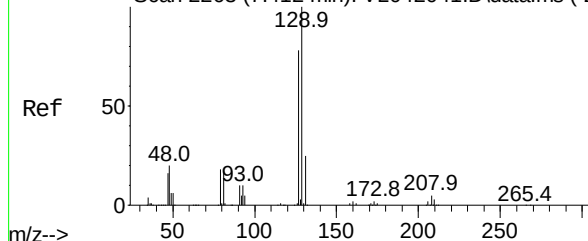
Tgt Ion:	75	Resp:	976
Ion	Ratio	Lower	Upper
75	100		
39	32.6	51.9	77.9#
77	14.2	24.9	37.3#



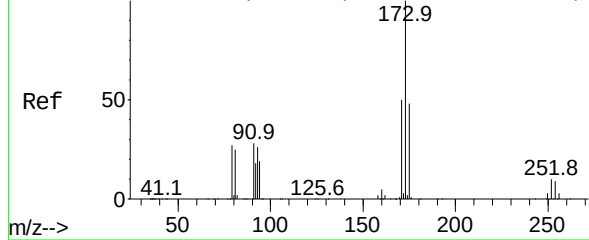
Abundance Scan 2263 (7.412 min): VL042041.D\data.ms (-2249)

Dibromochloromethane
Concen: 0.044 ppbv
RT: 7.415 min Scan# 2264
Delta R.T. 0.003 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Tgt Ion:	129	Resp:	1445
Ion	Ratio	Lower	Upper
129	100		
127	143.7	38.6	115.8#



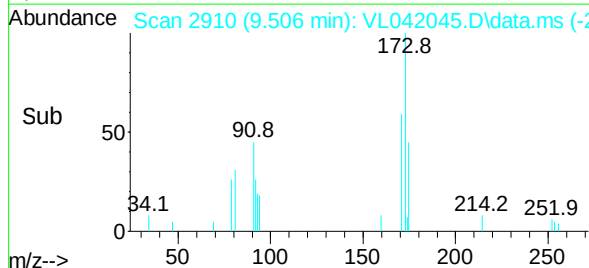
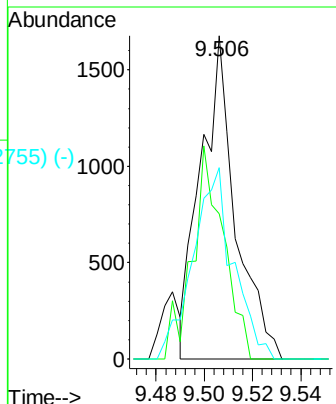
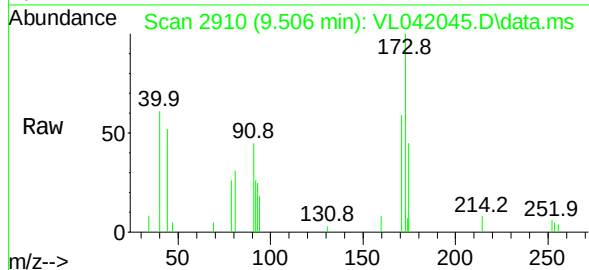
Abundance Scan 2909 (9.503 min): VL042041.D\data.ms (-289719)



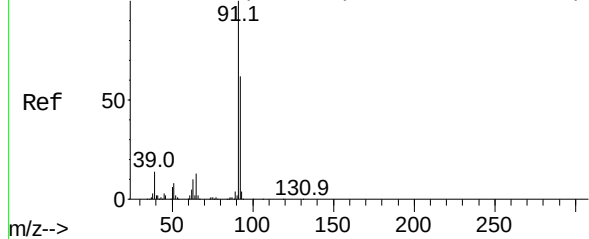
Bromoform
Concen: 0.063 ppbv
RT: 9.506 min Scan#
Delta R.T. 0.003 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

Tgt Ion:	173	Resp:	1684
Ion	Ratio	Lower	Upper
173	100		
175	59.0	38.3	57.5#
171	68.1	40.2	60.2#

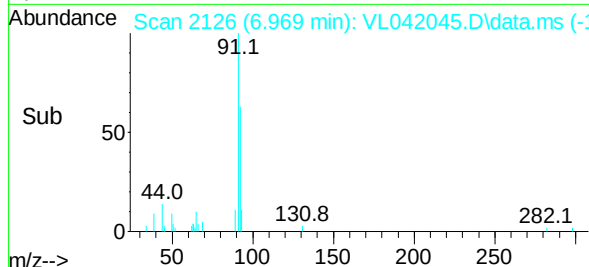
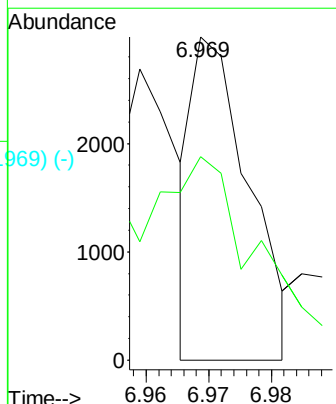
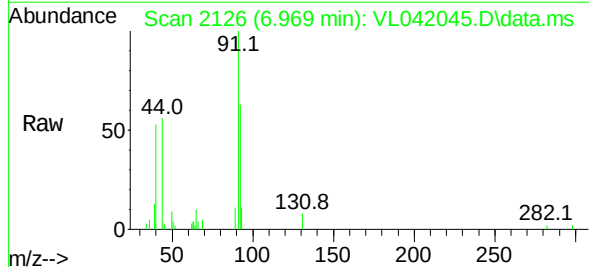


Abundance Scan 2123 (6.959 min): VL042041.D\data.ms (-210653)



Toluene
Concen: 0.031 ppbv
RT: 6.969 min Scan# 2126
Delta R.T. 0.010 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

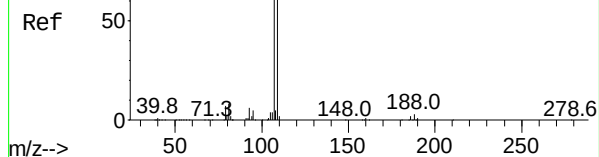
Tgt Ion:	91	Resp:	1861
Ion	Ratio	Lower	Upper
91	100		
92	180.2	49.0	73.6#



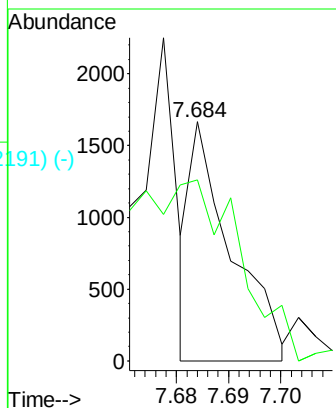
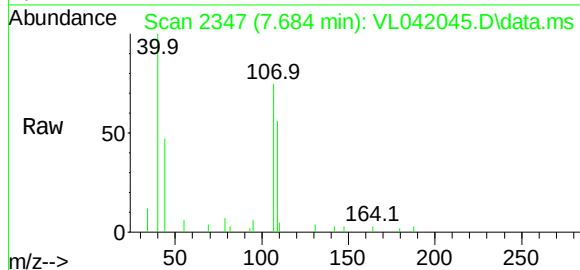
Abundance Scan 2345 (7.678 min): VL042041.D\data.ms (-23354)

1,2-Dibromoethane
Concen: 0.034 ppbv
RT: 7.684 min Scan#
Delta R.T. 0.006 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

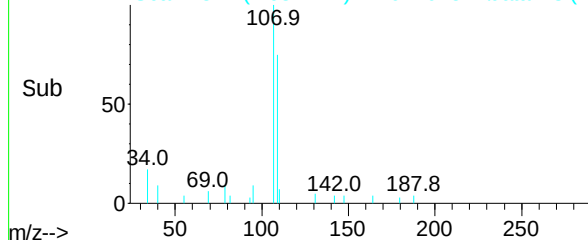
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1



Tgt Ion:107 Resp: 915
Ion Ratio Lower Upper
107 100
109 56.2 70.2 105.4#



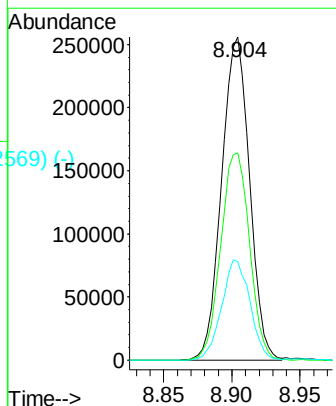
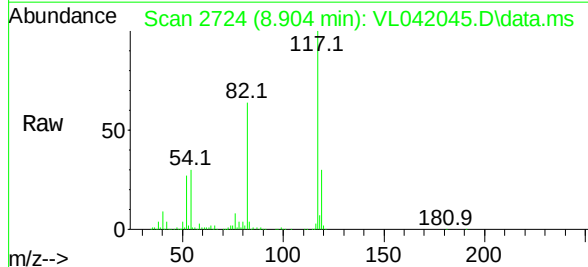
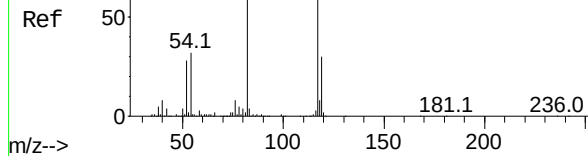
Abundance Scan 2347 (7.684 min): VL042045.D\data.ms (-2191) (-)



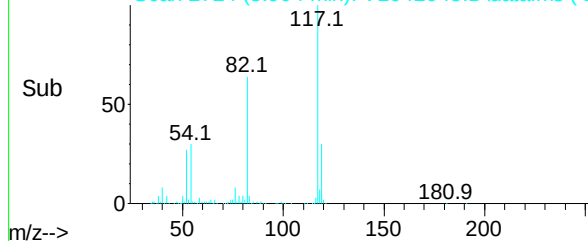
Abundance Scan 2723 (8.901 min): VL042041.D\data.ms (-27105)

Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.904 min Scan# 2724
Delta R.T. 0.003 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Tgt Ion:117 Resp: 363831
Ion Ratio Lower Upper
117 100
82 66.3 55.0 82.6
119 31.9 25.9 38.9



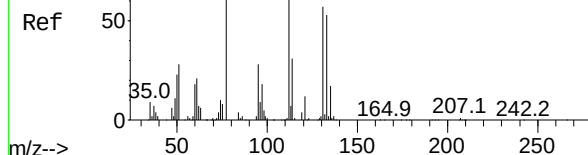
Abundance Scan 2724 (8.904 min): VL042045.D\data.ms (-2569) (-)



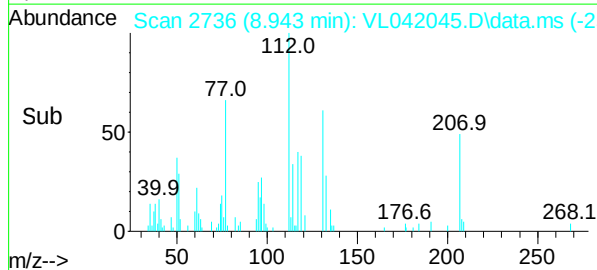
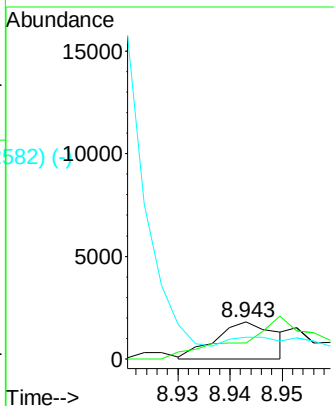
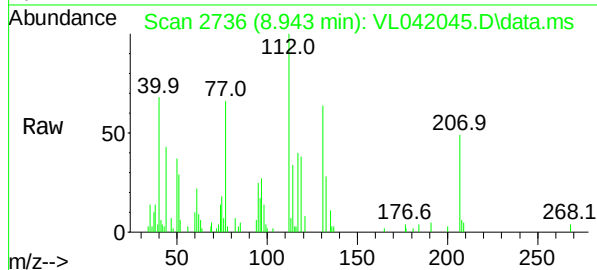
Abundance Scan 2736 (8.943 min): VL042041.D\data.ms (-27256)

1,1,1,2-Tetrachloroethane
Concen: 0.055 ppbv
RT: 8.943 min Scan# 2736
Delta R.T. -0.000 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1



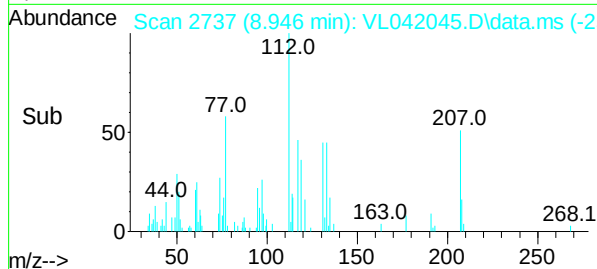
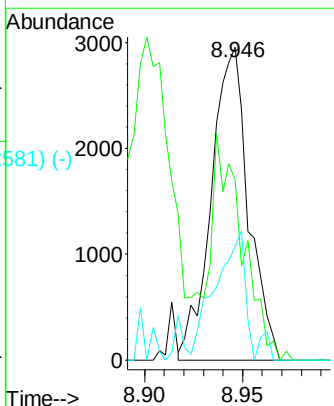
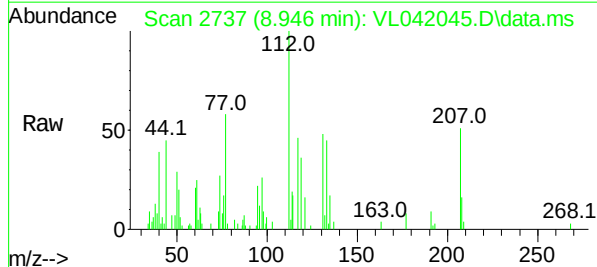
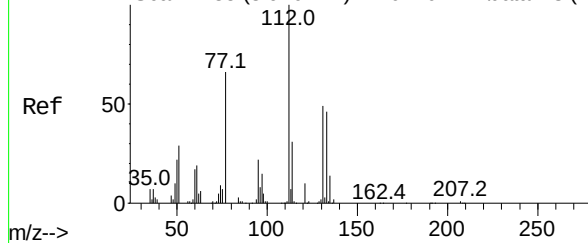
Tgt Ion:	131	Resp:	1438
Ion	Ratio	Lower	Upper
131	100		
133	0.0	75.8	113.8#
119	0.0	52.1	78.1#

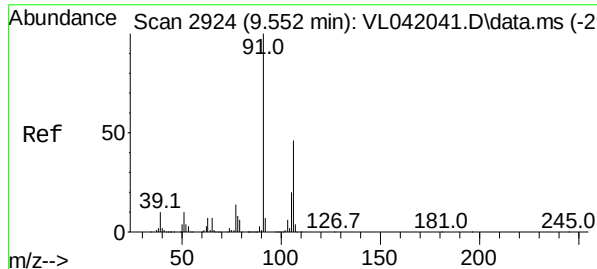


Abundance Scan 2735 (8.940 min): VL042041.D\data.ms (-27257)

Chlorobenzene
Concen: 0.091 ppbv
RT: 8.946 min Scan# 2737
Delta R.T. 0.006 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Tgt Ion:	112	Resp:	3915
Ion	Ratio	Lower	Upper
112	100		
77	57.8	53.4	80.2
114	36.3	28.3	34.5#

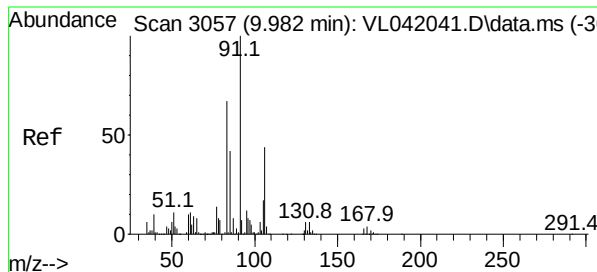
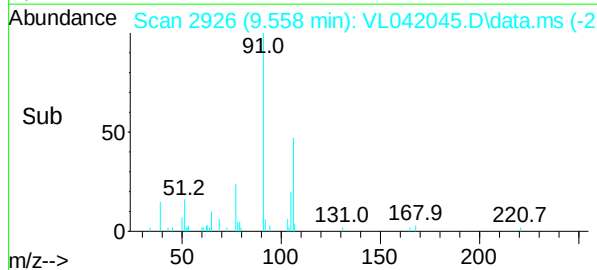
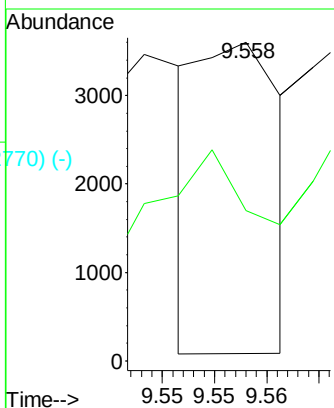
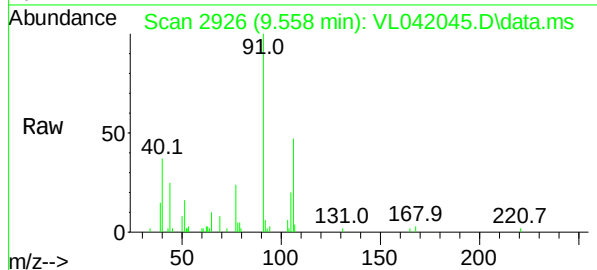




#59
m/p-Xylene
Concen: 0.030 ppbv
RT: 9.558 min Scan#
Delta R.T. 0.006 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

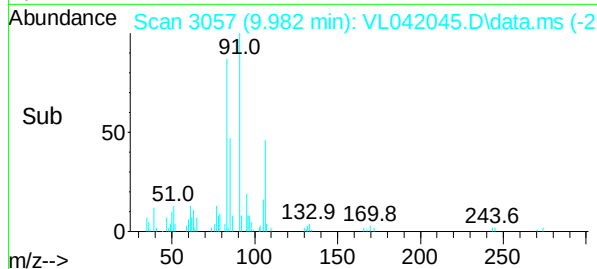
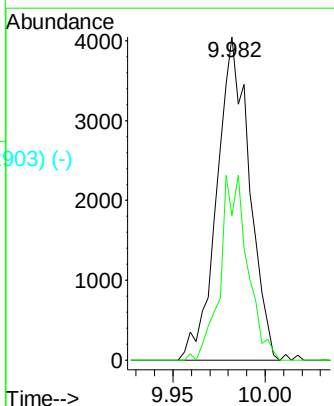
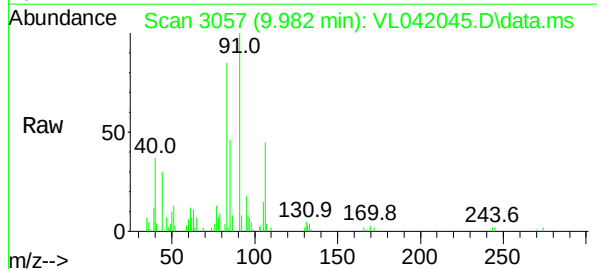
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

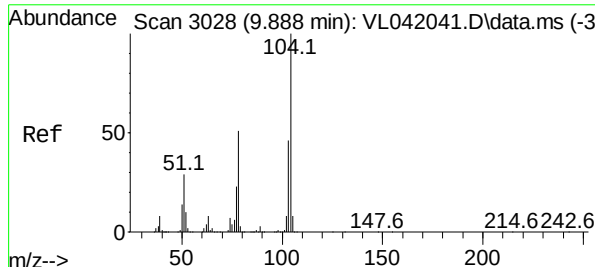
Tgt Ion: 91 Resp: 1903
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0



#60
o-Xylene
Concen: 0.079 ppbv
RT: 9.982 min Scan# 3057
Delta R.T. -0.000 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Tgt Ion: 91 Resp: 4981
Ion Ratio Lower Upper
91 100
106 47.8 22.3 66.8

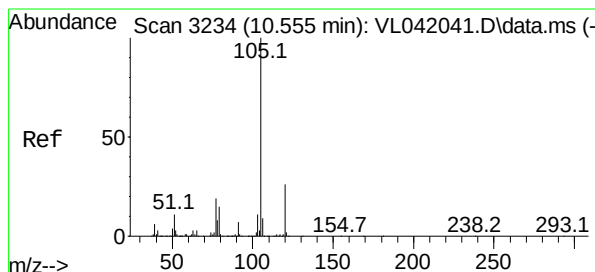
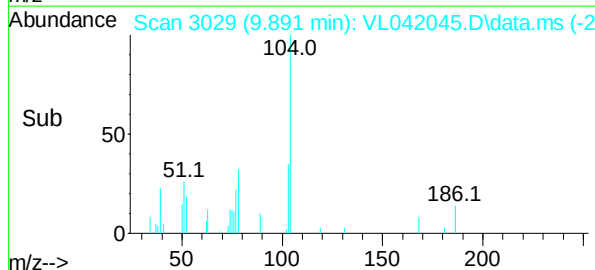
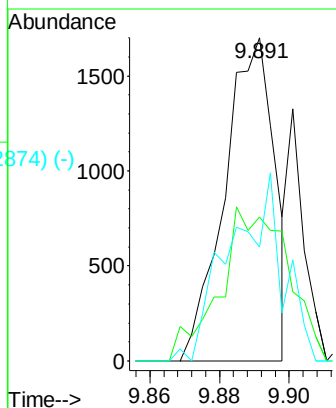
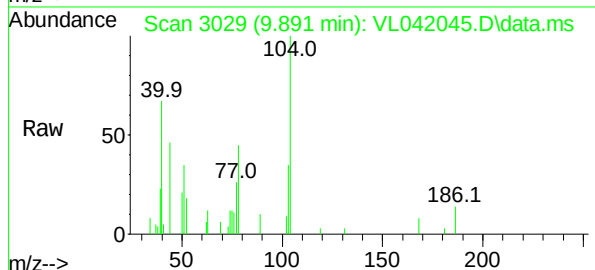




Styrene
Concen: 0.056 ppbv
RT: 9.891 min Scan#
Delta R.T. 0.003 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

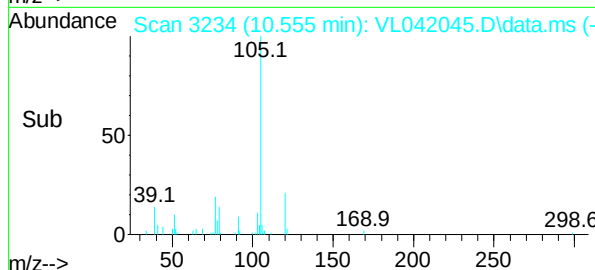
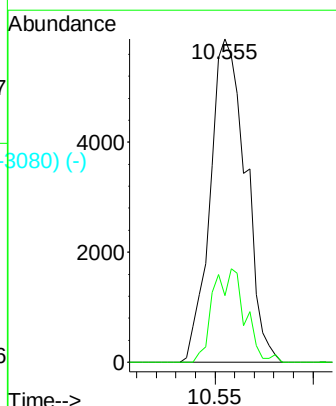
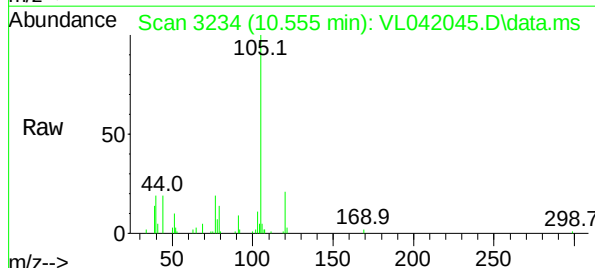
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

Tgt Ion:104 Resp: 1689
Ion Ratio Lower Upper
104 100
78 69.2 41.0 61.4#
103 61.5 37.0 55.6#

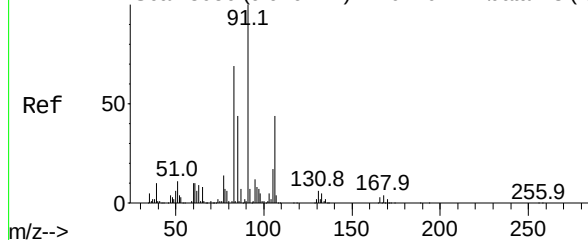


Isopropylbenzene
Concen: 0.078 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. -0.000 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Tgt Ion:105 Resp: 7453
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1



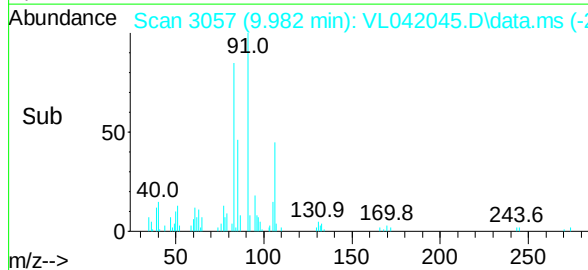
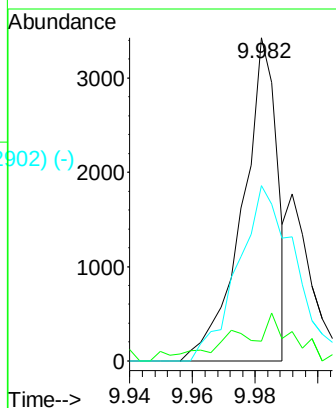
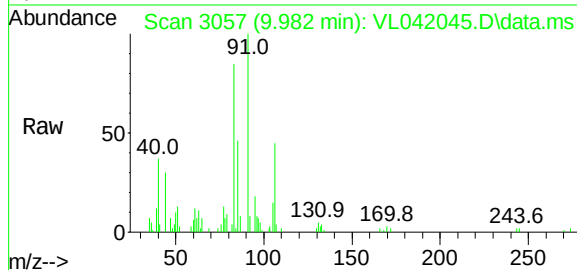
Abundance Scan 3056 (9.979 min): VL042041.D\data.ms (-30463)



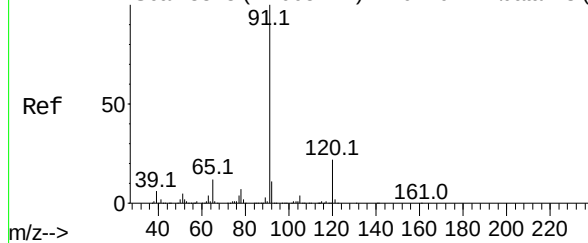
1,1,2,2-Tetrachloroethane
Concen: 0.065 ppbv
RT: 9.982 min Scan# 3057
Delta R.T. 0.003 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

Tgt Ion:	83	Resp:	2654
Ion	Ratio	Lower	Upper
83	100		
131	30.7	4.5	13.7#
85	88.3	32.1	96.3

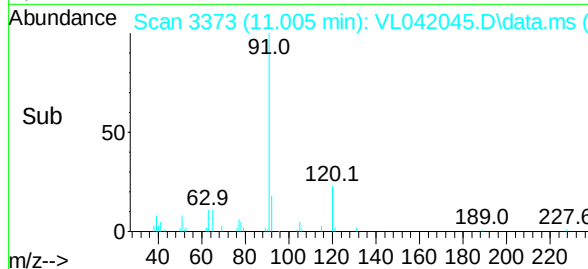
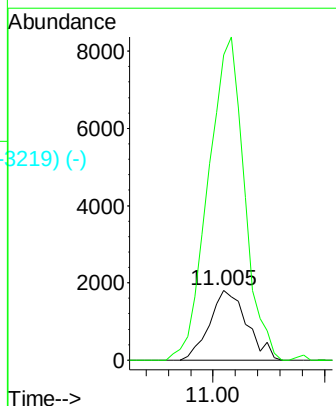
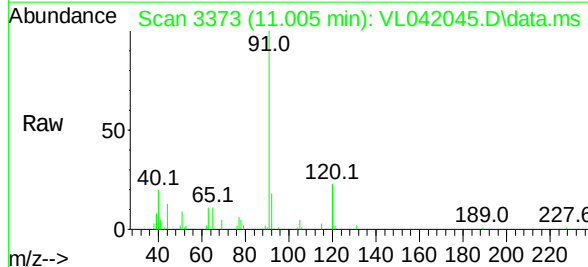


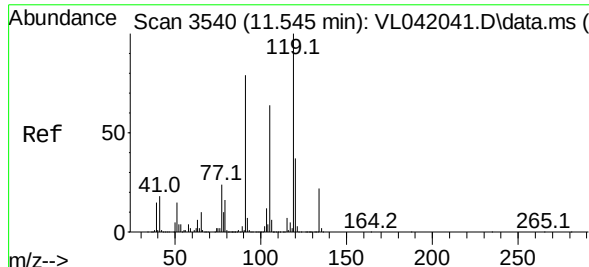
Abundance Scan 3373 (11.005 min): VL042041.D\data.ms (-3369)



n-propylbenzene
Concen: 0.089 ppbv
RT: 11.005 min Scan# 3373
Delta R.T. -0.000 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Tgt Ion:	120	Resp:	2092
Ion	Ratio	Lower	Upper
120	100		
91	450.0	370.6	556.0

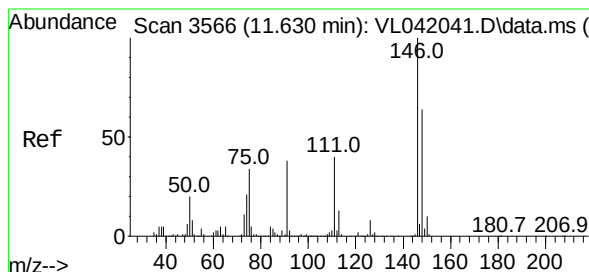
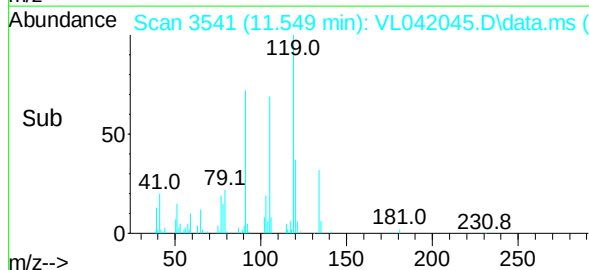
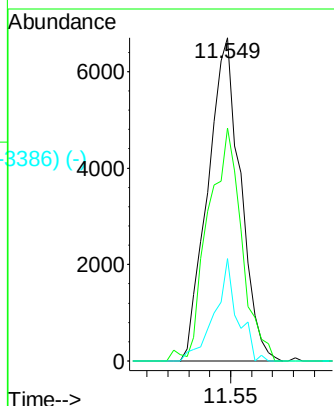
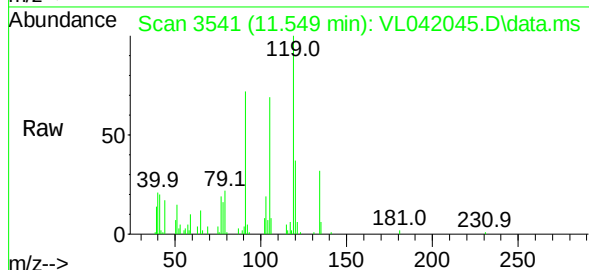




tert-Butylbenzene
 Concen: 0.088 ppbv
 RT: 11.549 min Scan#
 Delta R.T. 0.003 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

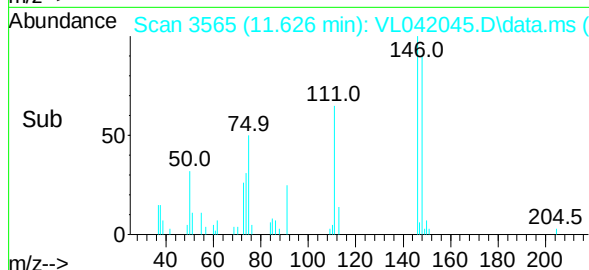
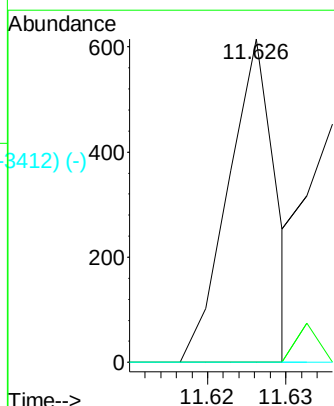
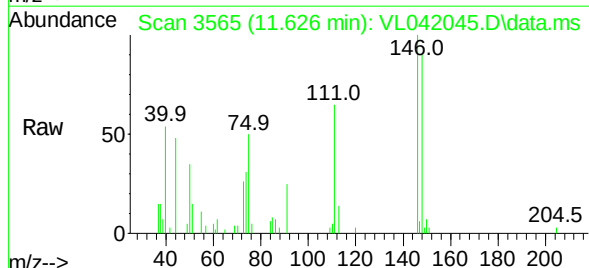
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

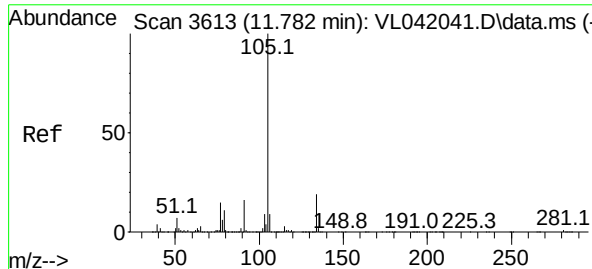
Tgt Ion:	119	Resp:	7279
Ion	Ratio	Lower	Upper
119	100		
91	74.4	64.2	96.2
134	22.0	17.4	26.2



Benzyl Chloride
 Concen: 0.031 ppbv
 RT: 11.626 min Scan# 3565
 Delta R.T. -0.003 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

Tgt Ion:	91	Resp:	260
Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.5	21.7#
128	0.0	5.4	8.2#

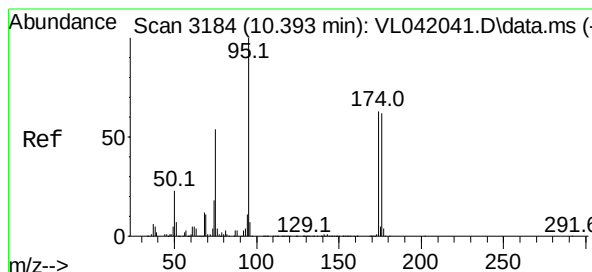
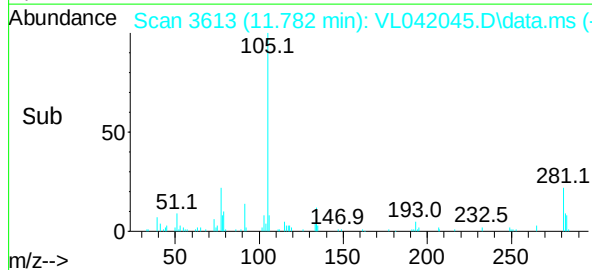
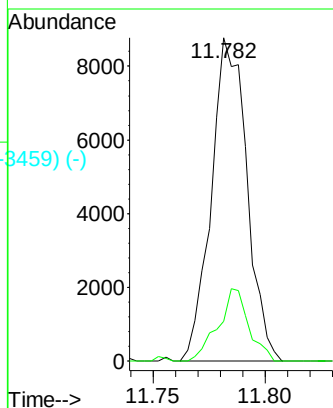
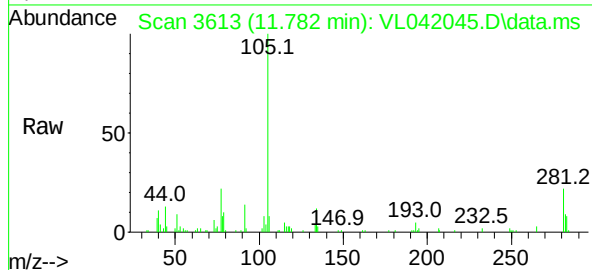




sec-Butylbenzene
Concen: 0.083 ppbv
RT: 11.782 min Scan#
Delta R.T. -0.000 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

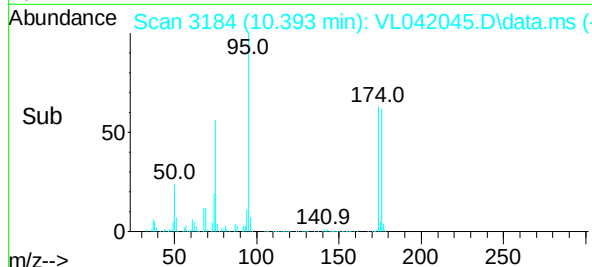
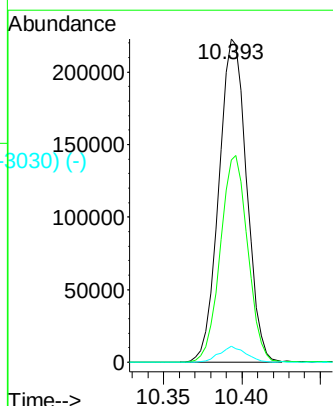
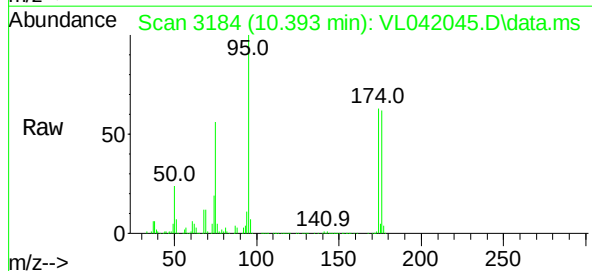
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

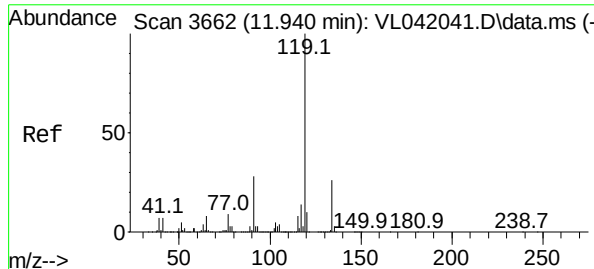
Tgt Ion:105 Resp: 9708
Ion Ratio Lower Upper
105 100
134 19.5 14.9 22.3



1-Bromo-4-Fluorobenzene
Concen: 9.213 ppbv
RT: 10.393 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Tgt Ion: 95 Resp: 276484
Ion Ratio Lower Upper
95 100
174 63.2 51.8 77.6
175 4.6 3.9 5.9

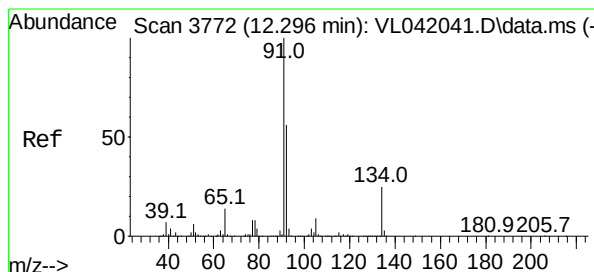
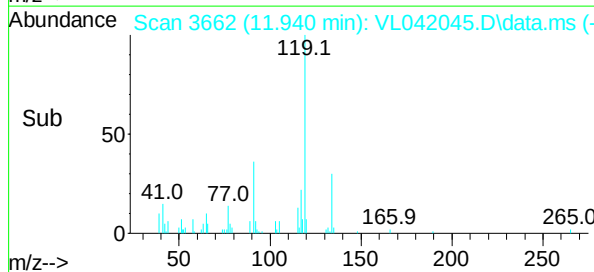
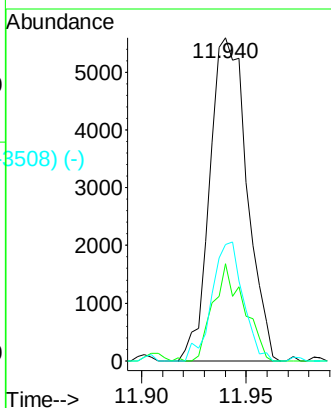
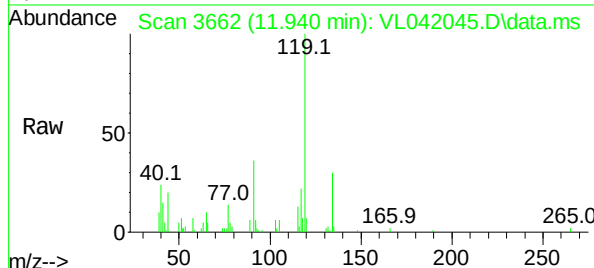




#3659 (-)
 p-Isopropyltoluene
 Concen: 0.073 ppbv
 RT: 11.940 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

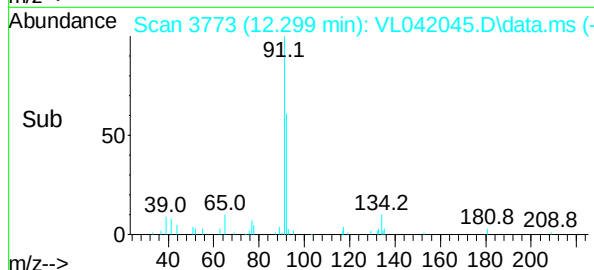
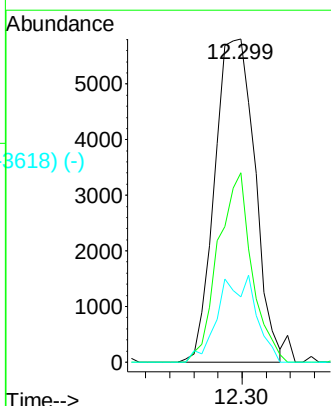
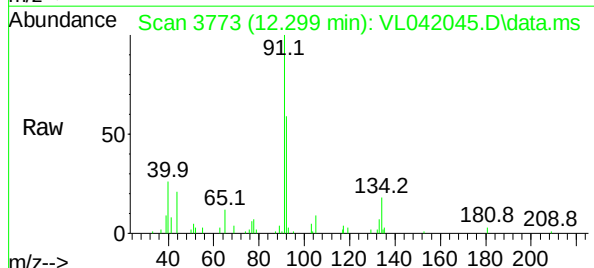
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

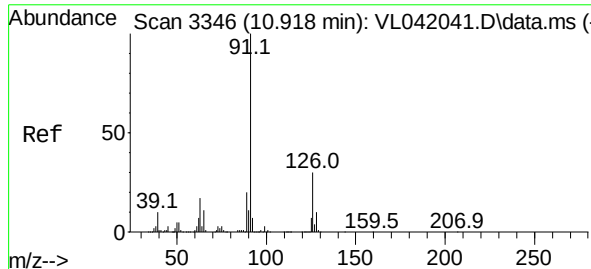
Tgt Ion:	119	Resp:	6937
Ion	Ratio	Lower	Upper
119	100		
134	26.0	20.9	31.3
91	31.7	23.1	34.7



#3769 (-)
 n-Butylbenzene
 Concen: 0.071 ppbv
 RT: 12.299 min Scan# 3773
 Delta R.T. 0.003 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

Tgt Ion:	91	Resp:	6704
Ion	Ratio	Lower	Upper
91	100		
92	49.3	44.7	67.1
134	25.2	18.9	28.3

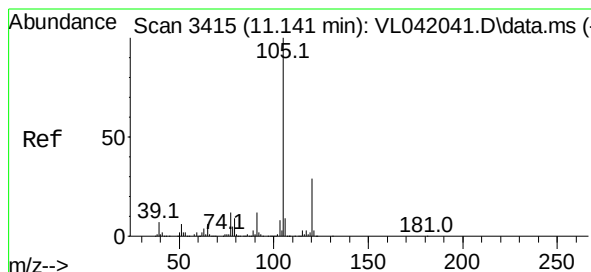
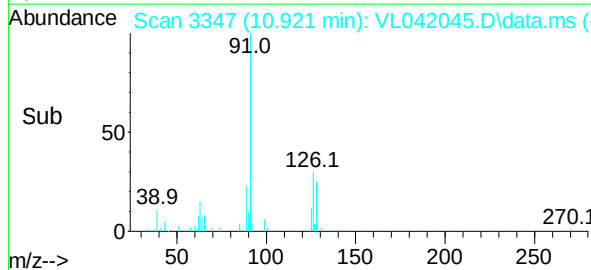
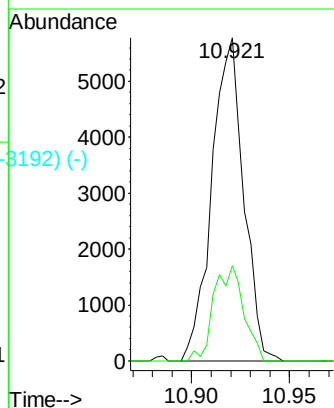
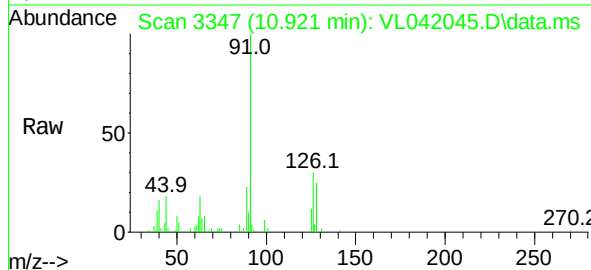




2-Chlorotoluene
 Concen: 0.091 ppbv
 RT: 10.921 min Scan#
 Delta R.T. 0.003 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

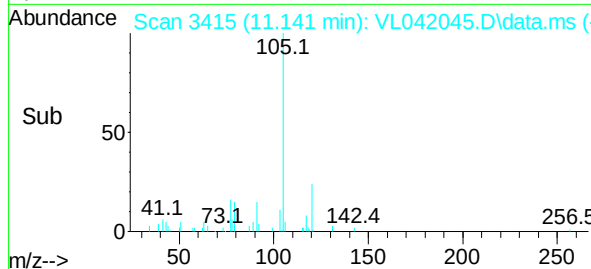
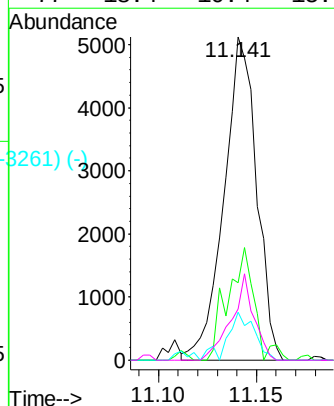
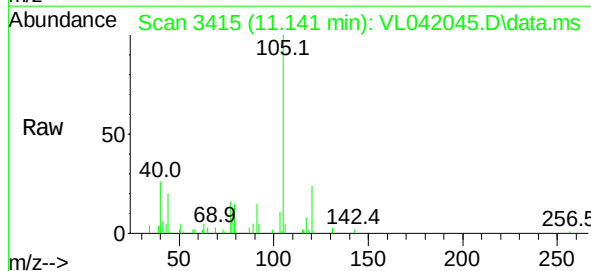
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

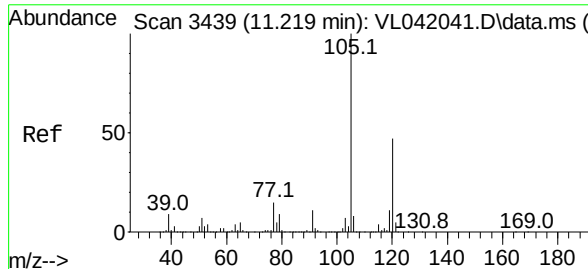
Tgt Ion: 91 Resp: 6558
 Ion Ratio Lower Upper
 91 100
 126 27.7 11.9 47.5



4-Ethyltoluene
 Concen: 0.080 ppbv
 RT: 11.141 min Scan# 3415
 Delta R.T. -0.000 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

Tgt Ion: 105 Resp: 5948
 Ion Ratio Lower Upper
 105 100
 120 30.1 24.1 36.1
 91 13.5 10.2 15.4
 77 18.4 10.4 15.6#

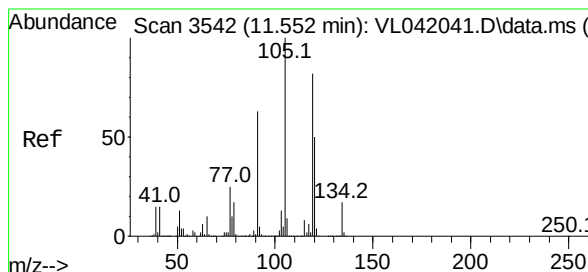
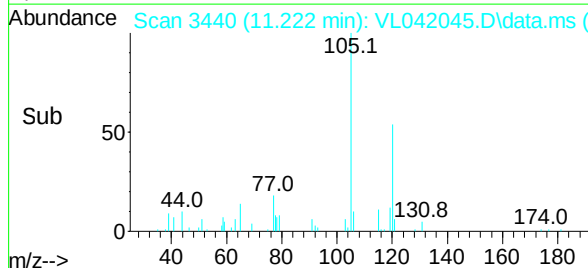
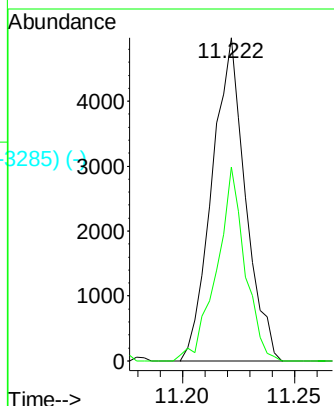
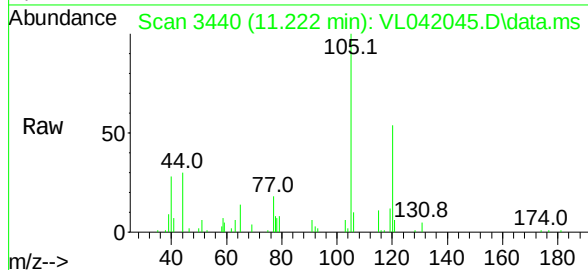




1,3,5-Trimethylbenzene
Concen: 0.081 ppbv
RT: 11.222 min Scan#
Delta R.T. 0.003 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

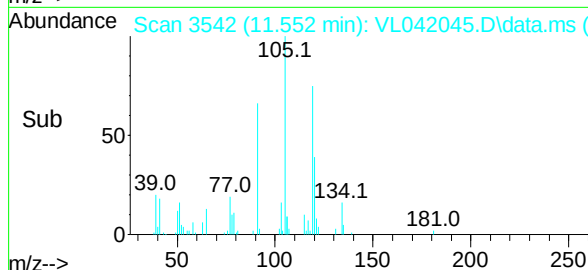
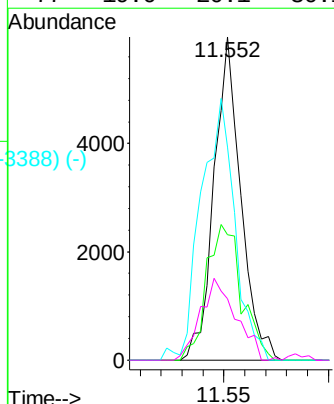
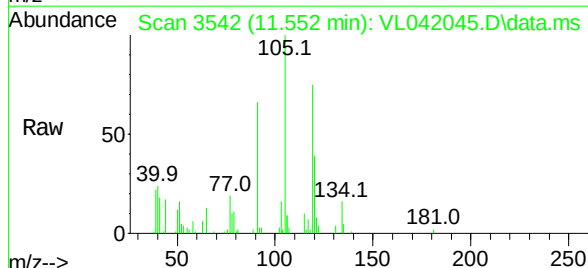
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

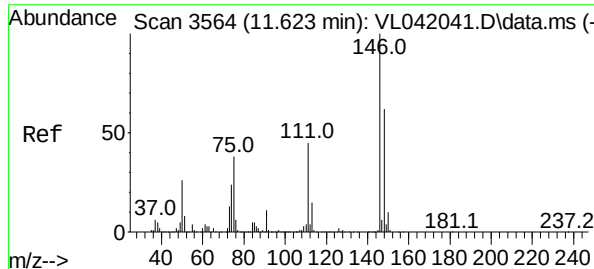
Tgt Ion:105 Resp: 5175
Ion Ratio Lower Upper
105 100
120 60.0 37.4 56.0#



1,2,4-Trimethylbenzene
Concen: 0.077 ppbv
RT: 11.552 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

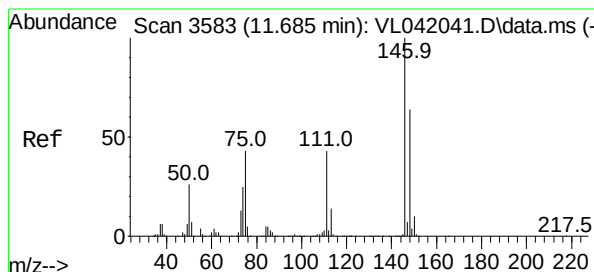
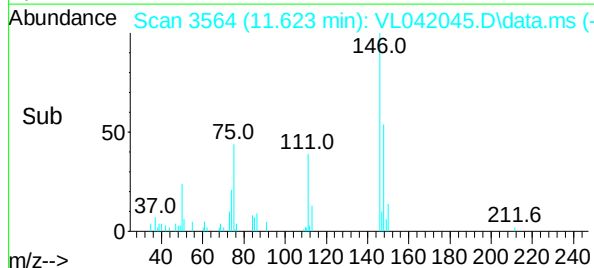
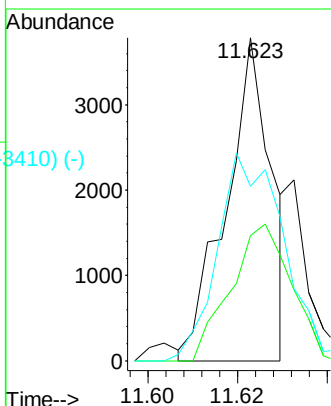
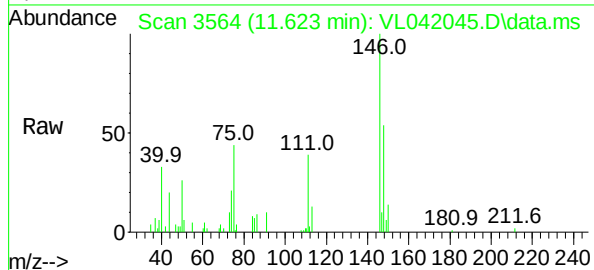
Tgt Ion:105 Resp: 5323
Ion Ratio Lower Upper
105 100
120 38.8 40.2 60.2#
91 66.0 51.4 77.2
77 19.0 20.1 30.1#





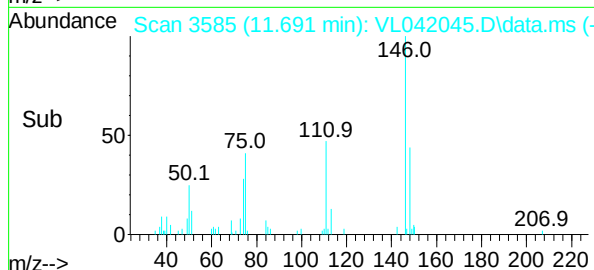
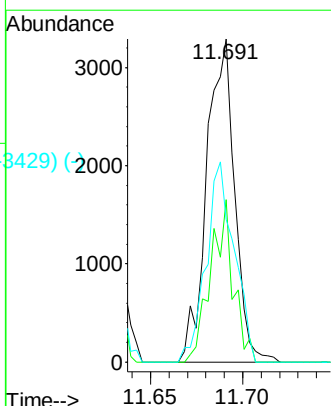
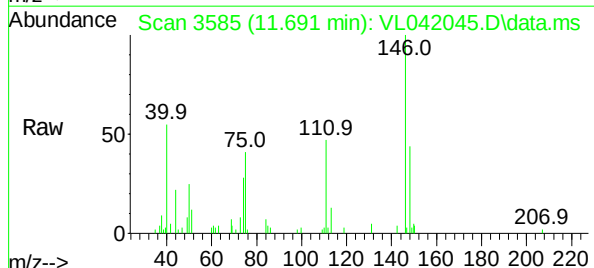
Instrument : MSVOA_1
 ClientSampleId : VSTDIC0.1
 1,3-Dichlorobenzene
 Concen: 0.072 ppbv
 RT: 11.623 min Scan#
 Delta R.T. -0.000 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

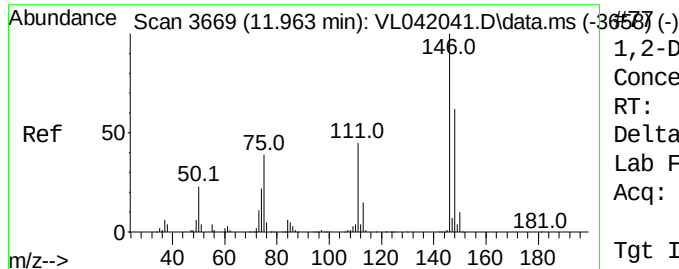
Tgt Ion:	146	Resp:	2662
Ion	Ratio	Lower	Upper
146	100		
111	56.5	22.4	67.2
148	93.2	32.3	96.8



Instrument : MSVOA_1
 ClientSampleId : VSTDIC0.1
 1,4-Dichlorobenzene
 Concen: 0.096 ppbv
 RT: 11.691 min Scan# 3585
 Delta R.T. 0.006 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

Tgt Ion:	146	Resp:	3477
Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.5	64.5
148	61.8	31.6	95.0

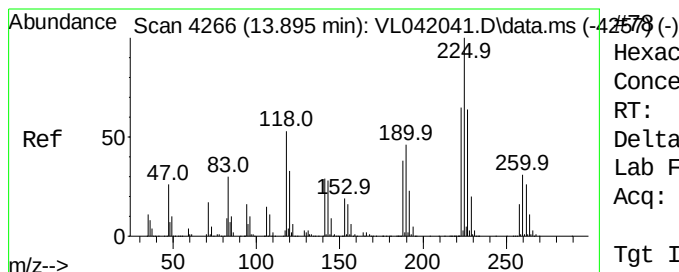
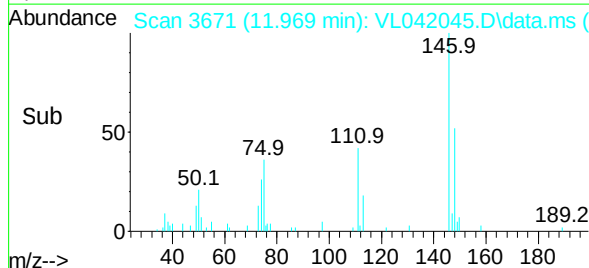
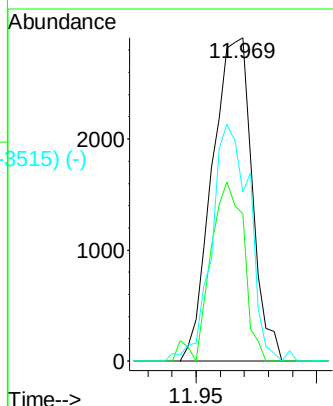
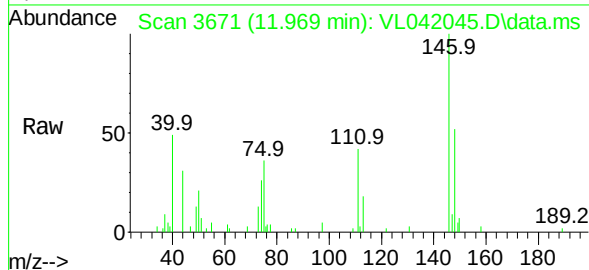




Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1

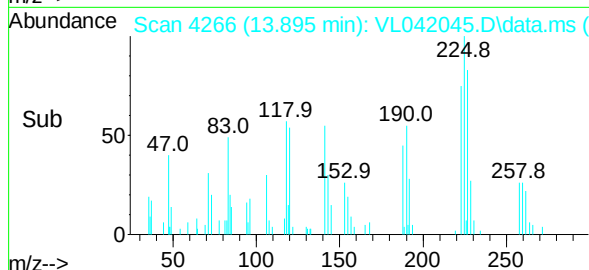
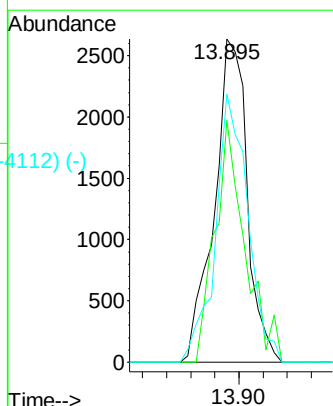
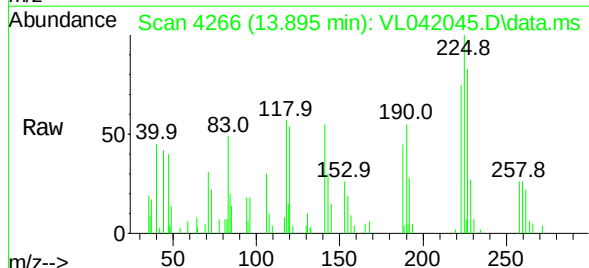
1,2-Dichlorobenzene
Concen: 0.094 ppbv
RT: 11.969 min Scan#
Delta R.T. 0.006 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

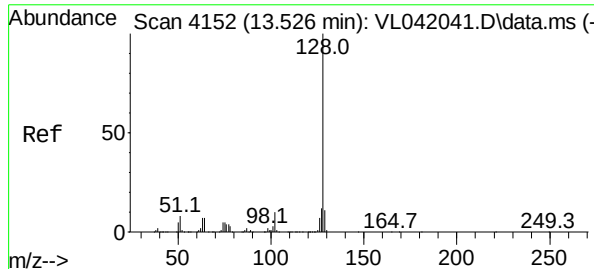
Tgt Ion:	146	Resp:	3344
Ion	Ratio	Lower	Upper
146	100		
111	46.9	23.2	69.6
148	69.8	31.4	94.2



Hexachloro-1,3-Butadiene
Concen: 0.085 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. -0.000 min
Lab File: VL042045.D
Acq: 25 Feb 2025 11:03

Tgt Ion:	225	Resp:	2487
Ion	Ratio	Lower	Upper
225	100		
223	68.4	50.2	75.2
227	81.9	50.8	76.2#

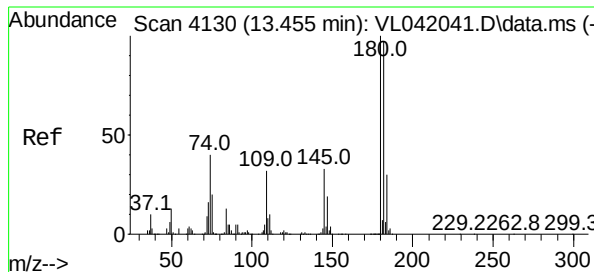
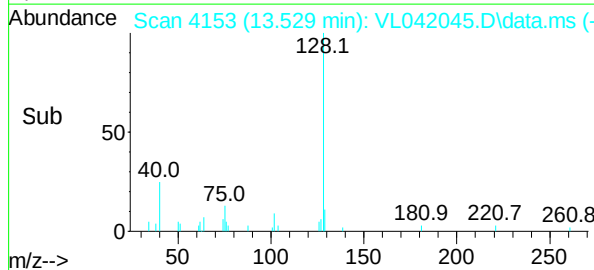
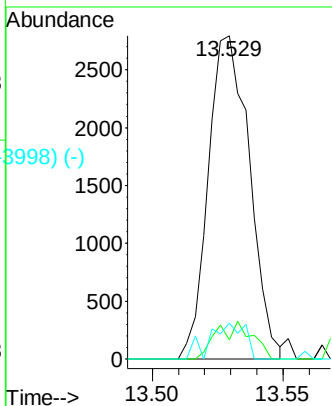
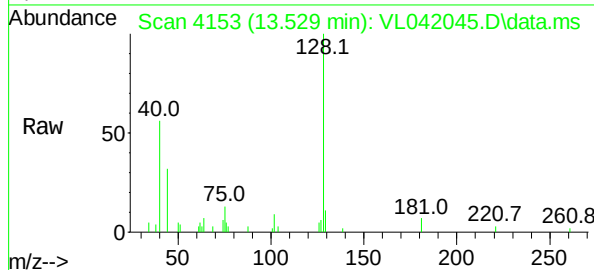




Naphthalene
 Concen: 0.045 ppbv
 RT: 13.529 min Scan# 4153
 Delta R.T. 0.003 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.1

Tgt Ion:	128	Resp:	3058
Ion	Ratio	Lower	Upper
128	100		
127	5.9	9.8	14.6#
129	11.1	8.6	12.8



1,2,4-Trichlorobenzene
 Concen: 0.046 ppbv
 RT: 13.455 min Scan# 4130
 Delta R.T. -0.000 min
 Lab File: VL042045.D
 Acq: 25 Feb 2025 11:03

Tgt Ion:	180	Resp:	1262
Ion	Ratio	Lower	Upper
180	100		
182	104.4	75.1	112.7
184	42.4	23.8	35.6#

