

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041888.D
 Acq On : 14 Jan 2025 11:40
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Jan 14 21:19:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 16:31:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.794	49	151983	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	455570	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	395574	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	317243	10.182	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	11222	0.542	ppbv	97
3) Chlorodifluoromethane	1.476	51	11427	0.527	ppbv	98
4) Chloromethane	1.534	50	4633	0.595	ppbv #	88
5) Vinyl Chloride	1.583	62	4109	0.521	ppbv	90
6) Bromomethane	1.670	94	1954	0.520	ppbv #	77
7) Chloroethane	1.709	64	1671	0.545	ppbv	100
8) Dichlorotetrafluoroethane	1.557	85	8917	0.493	ppbv	99
9) Propene	1.486	41	4949	0.554	ppbv	91
10) Heptane	4.994	43	11425	0.478	ppbv	97
11) Trichlorofluoromethane	1.881	101	9906	0.460	ppbv	89
12) 1,1,2-Trichlorotrifluo...	2.143	101	8347	0.495	ppbv	99
13) Ethanol	1.729	45	553	0.845	ppbv #	52
14) Bromoethene	1.784	108	2955	0.478	ppbv #	82
15) Acetone	1.842	43	10038	0.550	ppbv	90
16) 1,3-Butadiene	1.612	39	4829	0.589	ppbv	91
17) tert-Butyl alcohol	2.049	59	10637	0.473	ppbv #	88
18) 1,1-Dichloroethene	2.036	96	3626	0.477	ppbv	95
19) Isopropyl Alcohol	1.891	45	6365	0.588	ppbv #	32
20) Methylene Chloride	2.065	84	4359	0.604	ppbv	91
21) Allyl Chloride	2.101	41	6185	0.489	ppbv	95
22) trans-1,2-Dichloroethene	2.347	96	4132	0.481	ppbv	91
23) Vinyl Acetate	2.467	43	4508	0.567	ppbv #	92
24) 1,1-Dichloroethane	2.412	63	8388	0.505	ppbv #	94
25) Ethyl Acetate	2.849	43	24398	0.496	ppbv #	96
26) Hexane	2.836	57	10331	0.531	ppbv	99
27) Carbon Disulfide	2.153	76	8804	0.457	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	6336	0.426	ppbv	95
29) Chloroform	2.855	83	15742	0.512	ppbv	95
30) Cyclohexane	3.868	84	6553	0.388	ppbv #	60
31) cis-1,2-Dichloroethene	2.344	61	7218	0.352	ppbv	96
32) 1,1,1-Trichloroethane	3.376	97	14604	0.496	ppbv	95
34) 2-Butanone	2.567	43	15277	0.527	ppbv	97
35) Carbon Tetrachloride	3.768	117	14044	0.490	ppbv	84
36) Benzene	3.664	78	21546	0.516	ppbv	96
37) 1,2-Dichloroethane	3.227	62	11973	0.510	ppbv	98
38) Trichloroethene	4.561	130	7688	0.463	ppbv #	89
39) 1,2-Dichloropropane	4.337	63	1610	0.110	ppbv	95
40) 1,4-Dioxane	4.613	88	1107	0.150	ppbv #	1
41) Tetrahydrofuran	3.069	42	8443	0.534	ppbv	97
42) Bromodichloromethane	4.502	83	15340	0.488	ppbv	89
43) Methyl Methacrylate	4.891	69	7309	0.471	ppbv #	90
44) 2,2,4-Trimethylpentane	4.648	57	20546	0.304	ppbv #	42
45) t-1,3-Dichloropropene	6.419	75	1770	0.122	ppbv #	86

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041888.D
 Acq On : 14 Jan 2025 11:40
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Jan 14 21:19:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 16:31:18 2025
 Response via : Initial Calibration

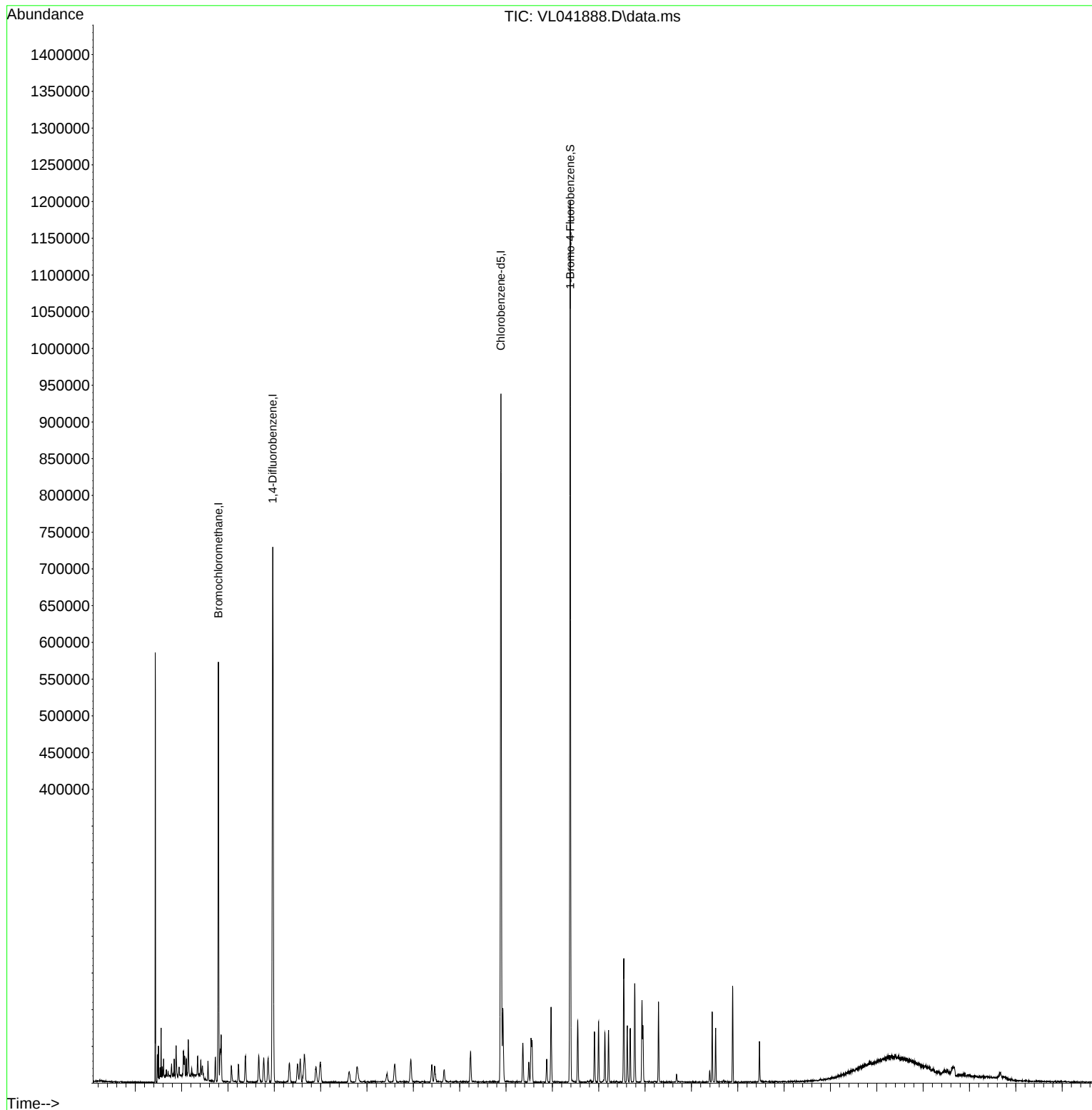
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	4470	0.234	ppbv	95
47) 1,1,2-Trichloroethane	6.597	97	3651	0.235	ppbv #	91
48) Dibromochloromethane	7.399	129	11087	0.463	ppbv	99
49) Bromoform	9.490	173	9073	0.461	ppbv	97
50) 4-Methyl-2-Pentanone	5.774	43	4977	0.126	ppbv #	39
51) 2-Hexanone	7.458	43	7862	0.259	ppbv #	35
52) Tetrachloroethene	8.234	164	7221	0.498	ppbv #	85
53) Toluene	6.946	91	22160	0.487	ppbv	92
54) 1,2-Dibromoethane	7.661	107	10815	0.506	ppbv	85
56) 1,1,1,2-Tetrachloroethane	8.933	131	9870	0.500	ppbv #	1
57) Chlorobenzene	8.930	112	19334	0.530	ppbv #	88
58) Ethyl Benzene	9.361	91	30456	0.493	ppbv	97
59) m/p-Xylene	9.561	91	19790	0.399	ppbv #	1
60) o-Xylene	9.969	91	24142	0.491	ppbv	94
61) Styrene	9.879	104	10428	0.473	ppbv	99
62) Isopropylbenzene	10.549	105	38174	0.502	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.969	83	16637	0.537	ppbv	99
64) n-propylbenzene	10.995	120	8606	0.448	ppbv	85
65) tert-Butylbenzene	11.539	119	33232	0.479	ppbv	100
66) Benzyl Chloride	11.620	91	2397	0.558	ppbv #	96
67) sec-Butylbenzene	11.775	105	47437	0.497	ppbv	98
69) p-Isopropyltoluene	11.934	119	38770	0.493	ppbv	97
70) n-Butylbenzene	12.290	91	38146	0.489	ppbv	97
71) 2-Chlorotoluene	10.911	91	27534	0.489	ppbv	99
72) 4-Ethyltoluene	11.131	105	28313	0.481	ppbv	98
73) 1,3,5-Trimethylbenzene	11.209	105	25156	0.484	ppbv	95
74) 1,2,4-Trimethylbenzene	11.542	105	27444	0.488	ppbv	96
75) 1,3-Dichlorobenzene	11.617	146	17033	0.511	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	17963	0.551	ppbv	94
77) 1,2-Dichlorobenzene	11.953	146	17772	0.538	ppbv	98
78) Hexachloro-1,3-Butadiene	13.892	225	13201	0.487	ppbv	98
79) Naphthalene	13.523	128	32709	0.577	ppbv	98
80) Naphthalene,2-methyl-	14.468	142	15991	0.595	ppbv	96
81) 1,2,4-Trichlorobenzene	13.452	180	15628	0.565	ppbv	94

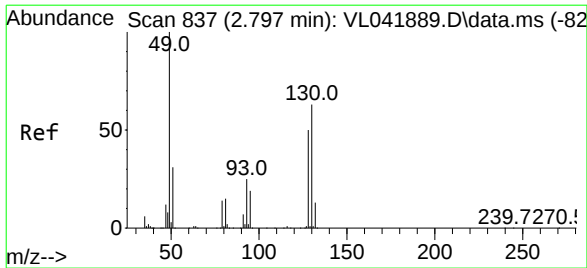
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VL041888.D
Acq On : 14 Jan 2025 11:40
Operator : SY/MD
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Quant Time: Jan 14 21:19:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Jan 14 16:31:18 2025
Response via : Initial Calibration

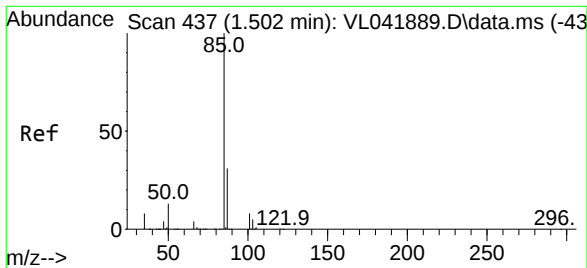
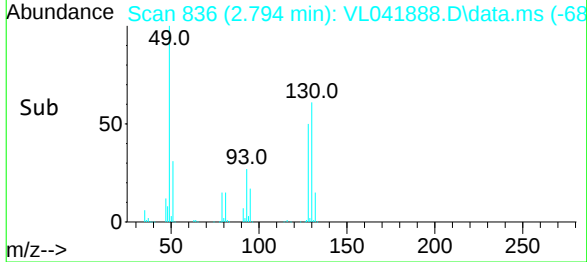
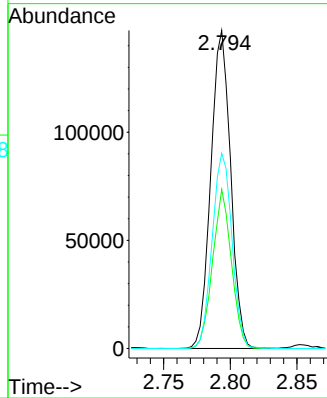
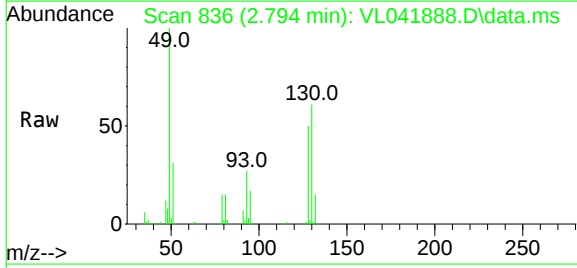




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 83
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

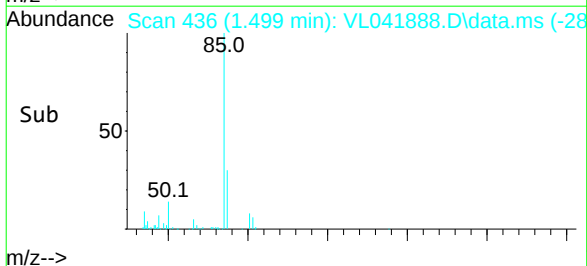
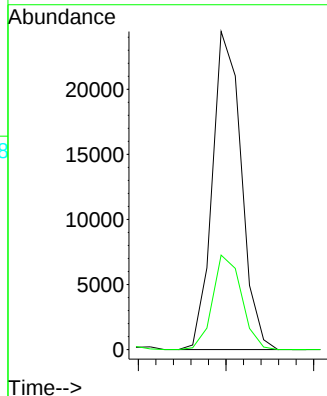
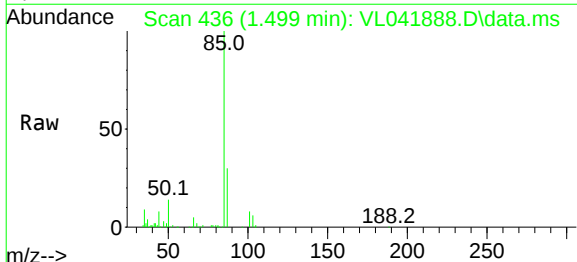
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

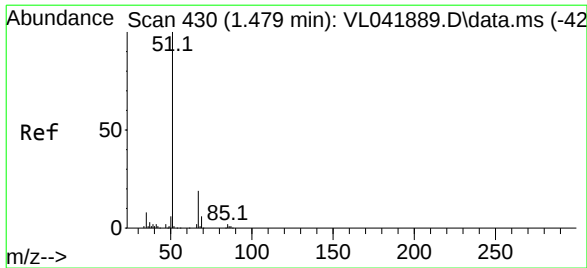
Tgt Ion: 49 Resp: 151983
Ion Ratio Lower Upper
49 100
128 47.5 24.3 73.0
130 61.5 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 0.542 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 85 Resp: 11222
Ion Ratio Lower Upper
85 100
87 29.7 24.9 37.3

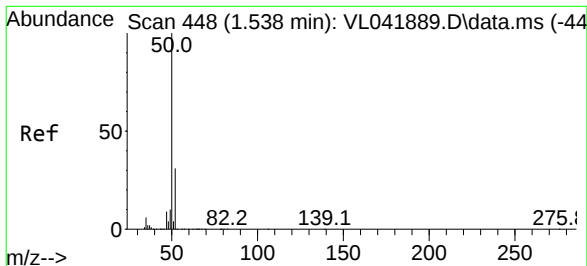
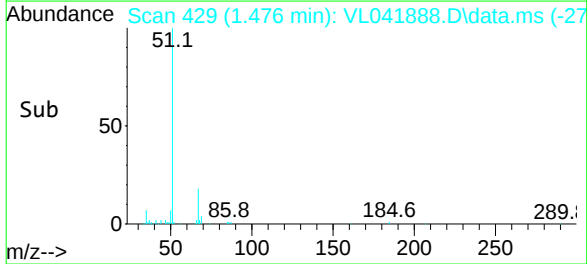
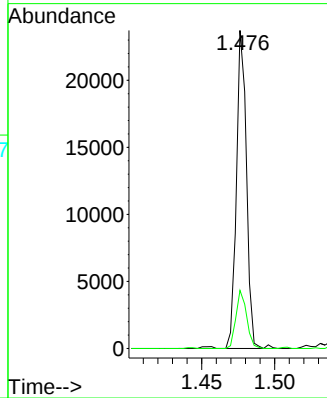
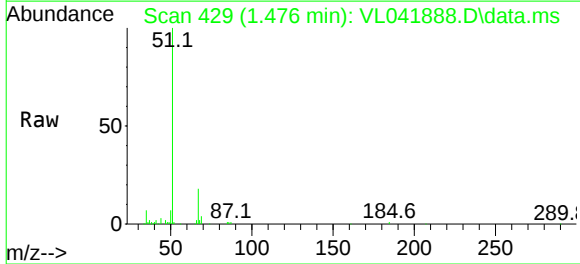




#3
Chlorodifluoromethane
Concen: 0.527 ppbv
RT: 1.476 min Scan# 42
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

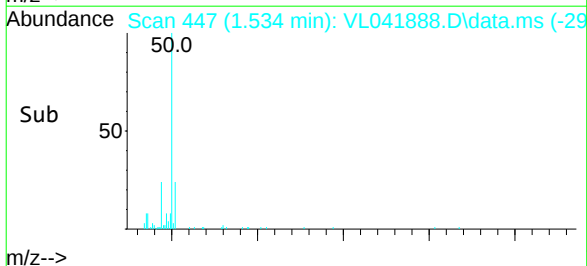
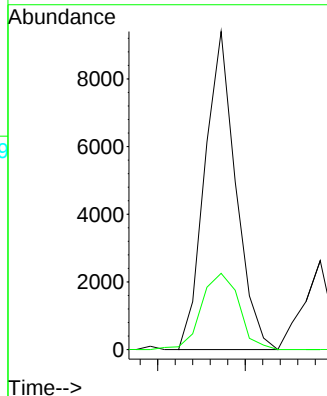
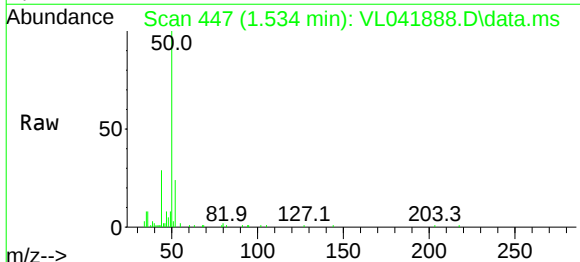
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

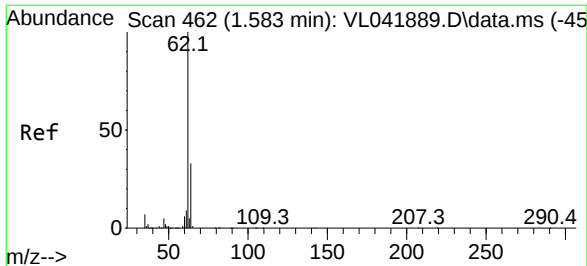
Tgt Ion: 51 Resp: 11427
Ion Ratio Lower Upper
51 100
67 19.5 15.0 22.4



#4
Chloromethane
Concen: 0.595 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 50 Resp: 4633
Ion Ratio Lower Upper
50 100
52 24.0 24.6 36.8#

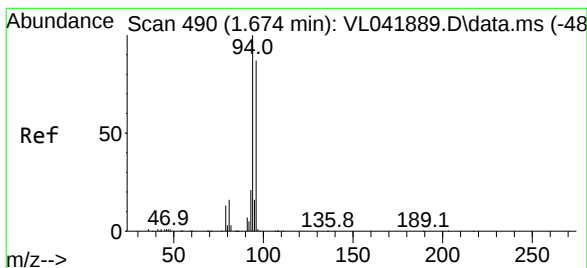
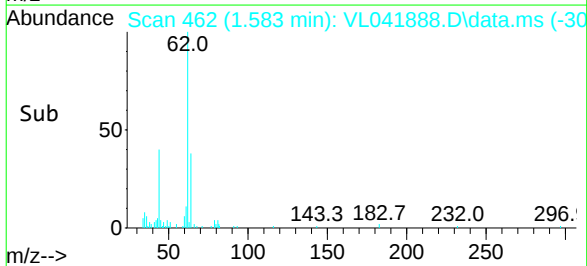
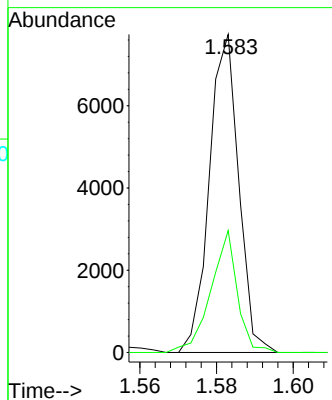
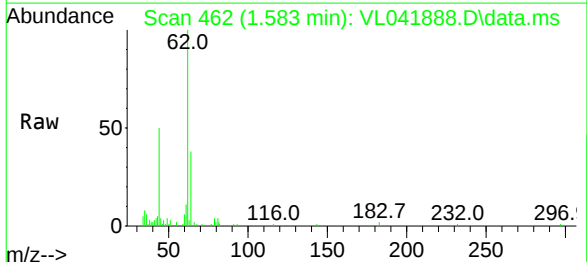




#5
 Vinyl Chloride
 Concen: 0.521 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

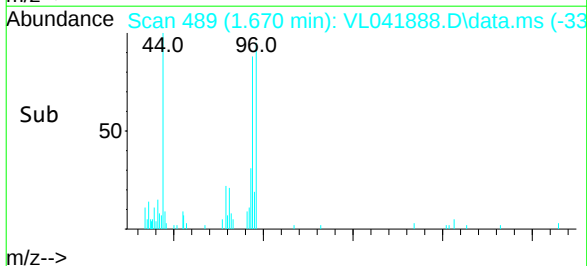
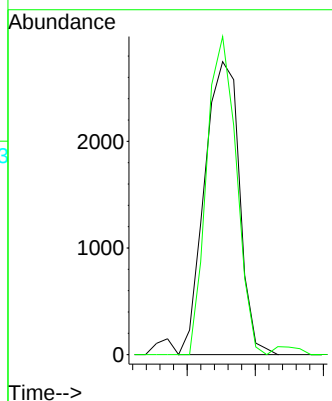
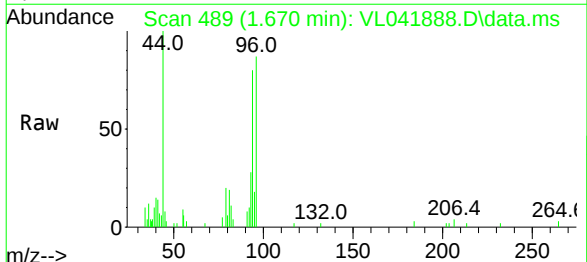
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

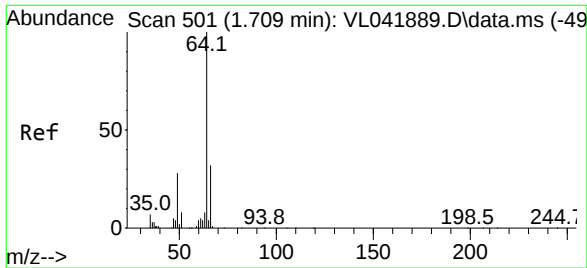
Tgt Ion: 62 Resp: 4109
 Ion Ratio Lower Upper
 62 100
 64 38.3 26.1 39.1



#6
 Bromomethane
 Concen: 0.520 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.003 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

Tgt Ion: 94 Resp: 1954
 Ion Ratio Lower Upper
 94 100
 96 108.6 69.5 104.3

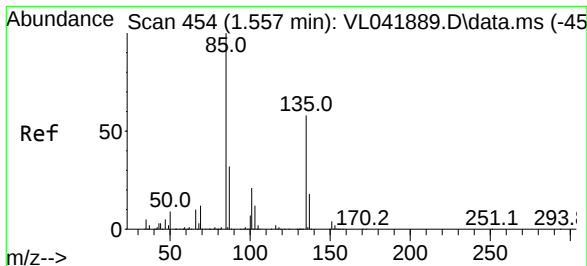
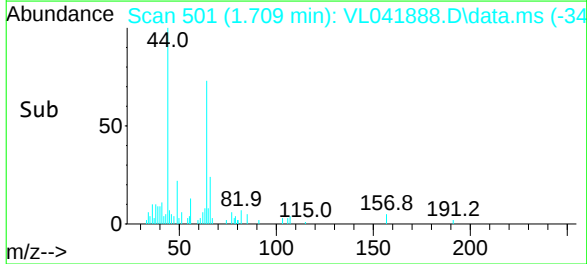
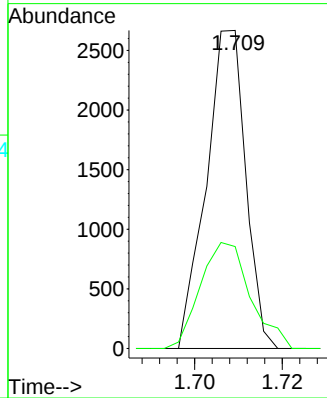
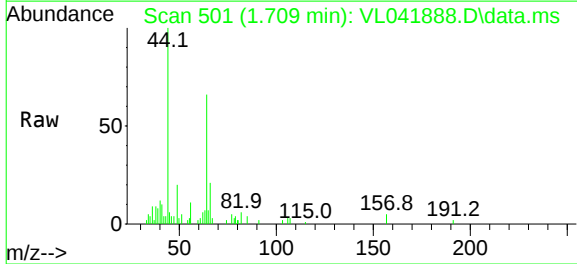




#7
Chloroethane
Concen: 0.545 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

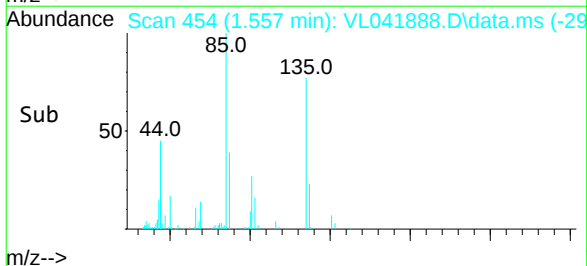
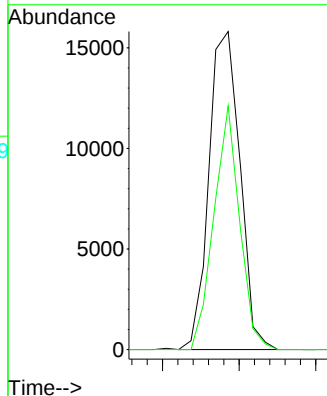
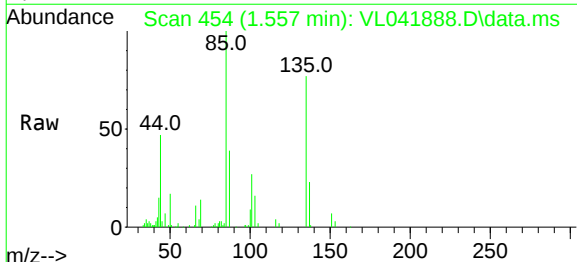
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

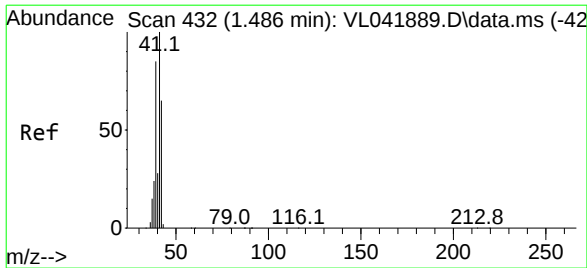
Tgt Ion: 64 Resp: 1671
Ion Ratio Lower Upper
64 100
66 32.0 25.7 38.5



#8
Dichlorotetrafluoroethane
Concen: 0.493 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 85 Resp: 8917
Ion Ratio Lower Upper
85 100
135 63.5 50.0 75.0

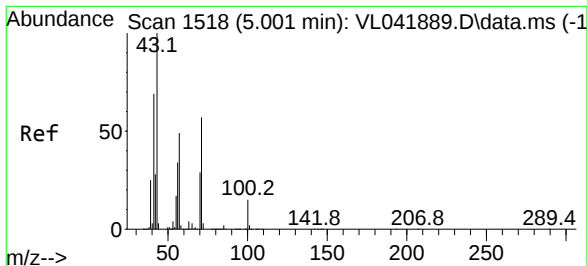
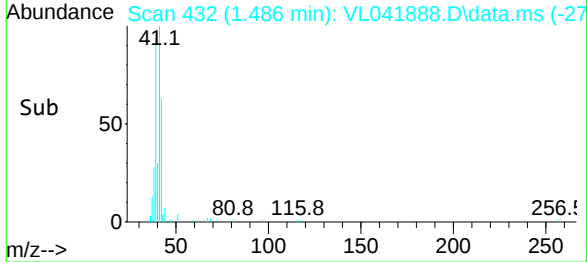
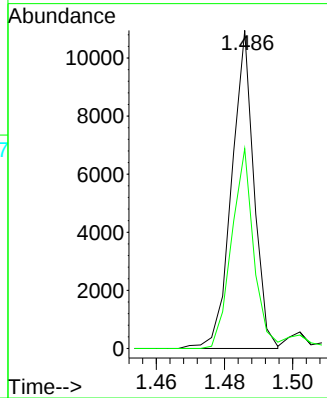
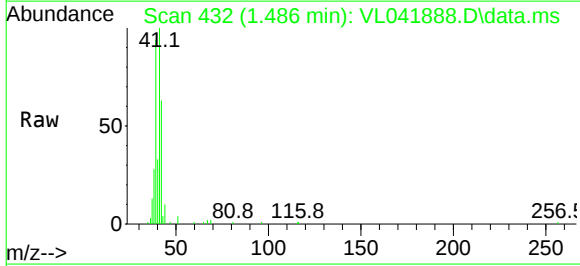




#9
 Propene
 Concen: 0.554 ppbv
 RT: 1.486 min Scan# 43
 Delta R.T. 0.000 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

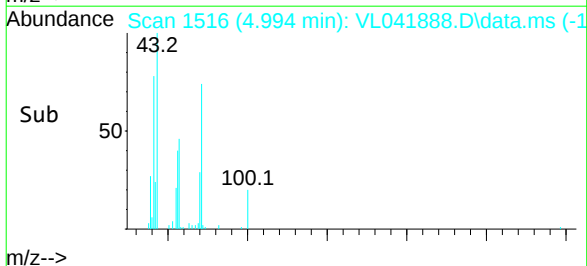
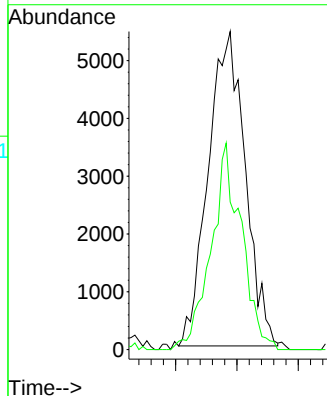
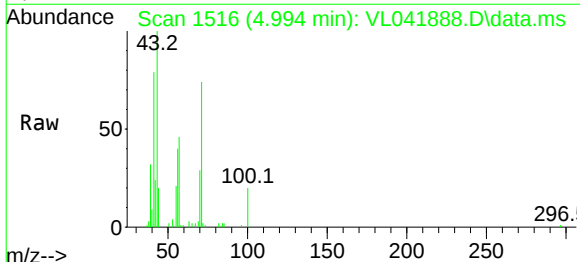
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

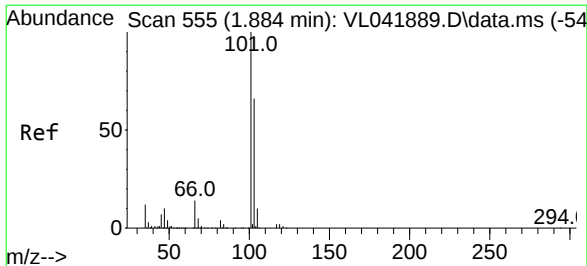
Tgt Ion: 41 Resp: 4949
 Ion Ratio Lower Upper
 41 100
 42 72.3 52.0 78.0



#10
 Heptane
 Concen: 0.478 ppbv
 RT: 4.994 min Scan# 1516
 Delta R.T. -0.006 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

Tgt Ion: 43 Resp: 11425
 Ion Ratio Lower Upper
 43 100
 57 53.6 41.0 61.4

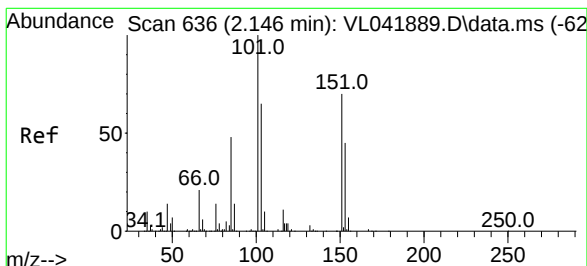
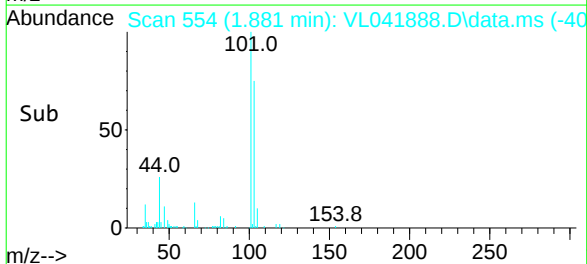
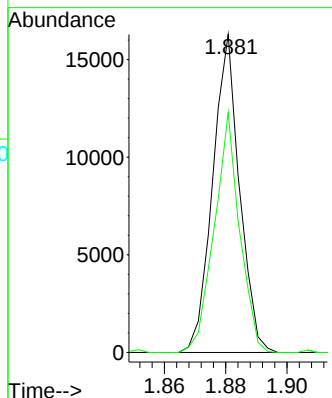
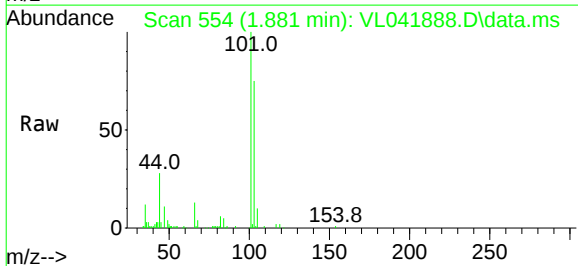




#11
 Trichlorofluoromethane
 Concen: 0.460 ppbv
 RT: 1.881 min Scan# 555
 Delta R.T. -0.003 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

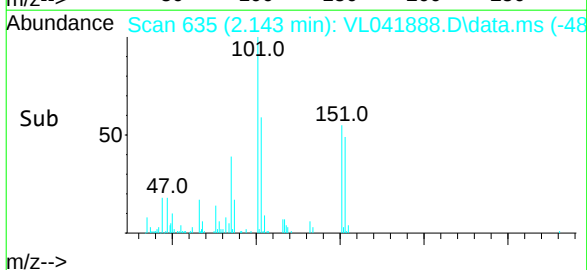
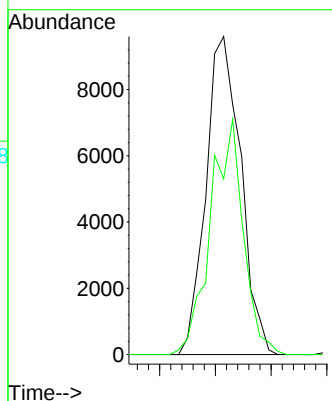
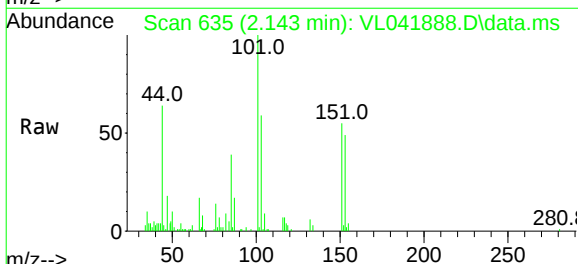
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

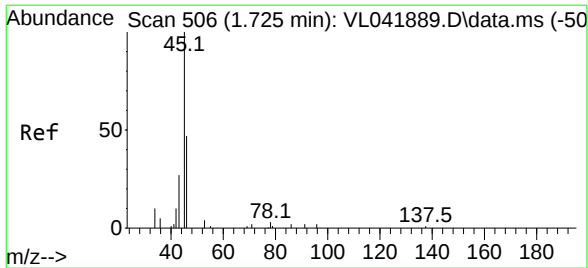
Tgt Ion:101 Resp: 9906
 Ion Ratio Lower Upper
 101 100
 103 75.5 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.495 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. -0.003 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

Tgt Ion:101 Resp: 8347
 Ion Ratio Lower Upper
 101 100
 151 69.6 56.1 84.1

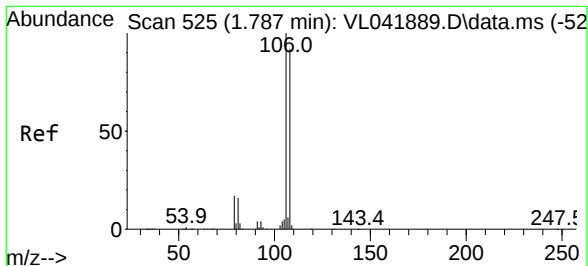
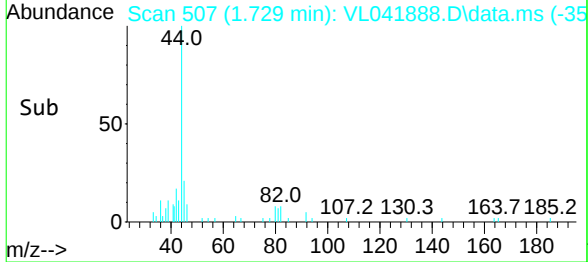
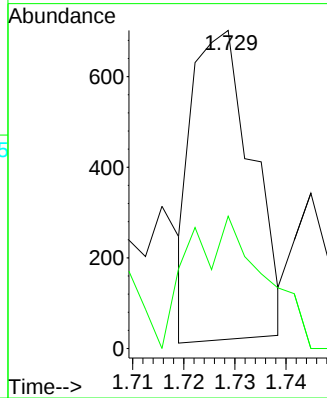
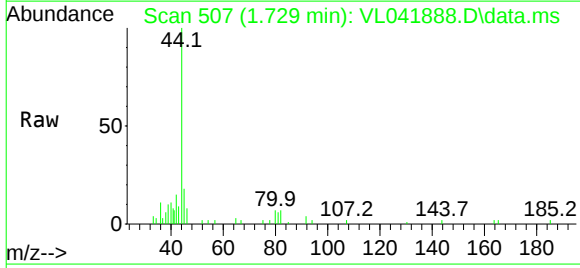




#13
Ethanol
Concen: 0.845 ppbv
RT: 1.729 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

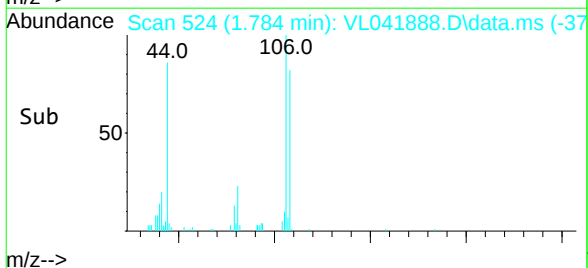
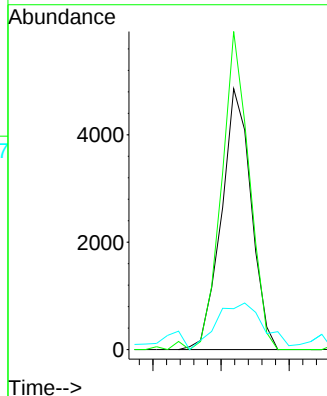
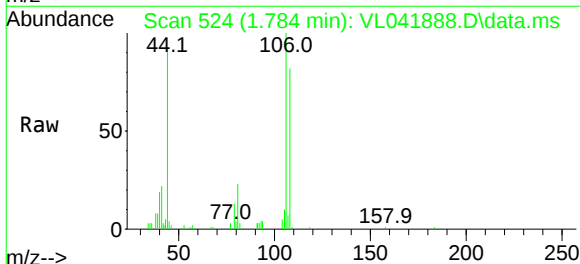
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

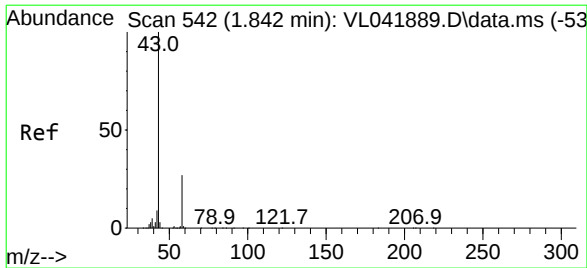
Tgt Ion: 45 Resp: 553
Ion Ratio Lower Upper
45 100
46 76.7 18.1 72.5#



#14
Bromoethene
Concen: 0.478 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 108 Resp: 2955
Ion Ratio Lower Upper
108 100
106 113.6 85.5 128.3
79 55.3 15.3 22.9#

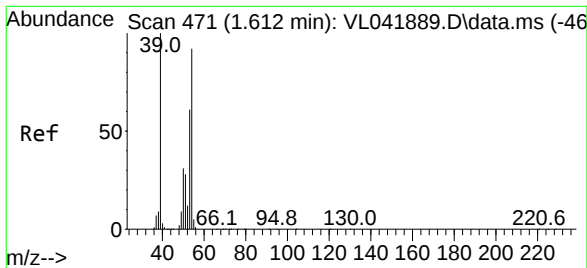
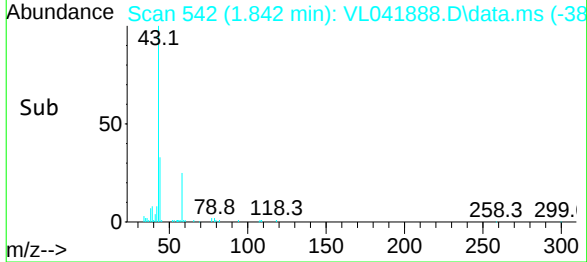
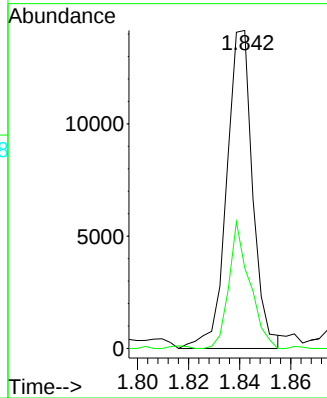
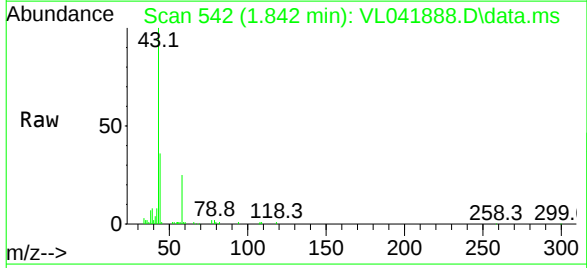




#15
Acetone
Concen: 0.550 ppbv
RT: 1.842 min Scan# 54
Delta R.T. 0.000 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

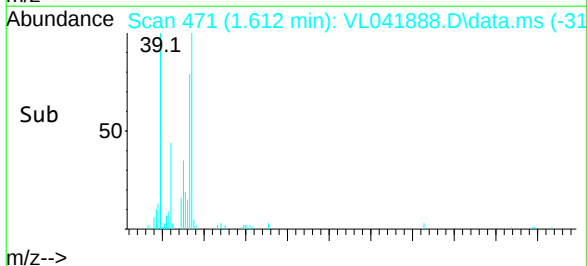
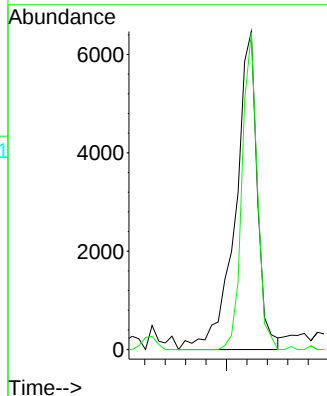
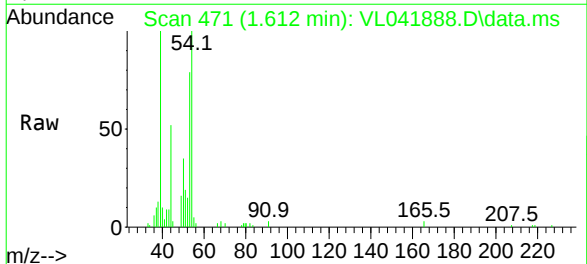
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

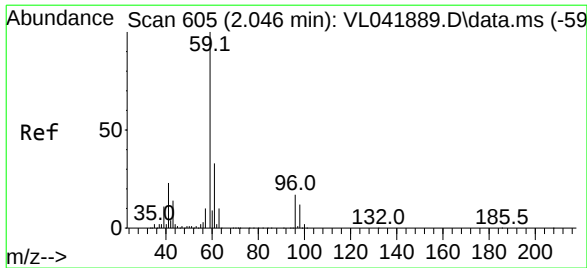
Tgt Ion: 43 Resp: 10038
Ion Ratio Lower Upper
43 100
58 32.7 21.9 32.9



#16
1,3-Butadiene
Concen: 0.589 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 39 Resp: 4829
Ion Ratio Lower Upper
39 100
54 69.3 61.6 92.4

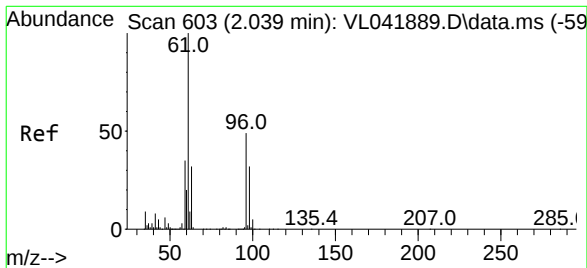
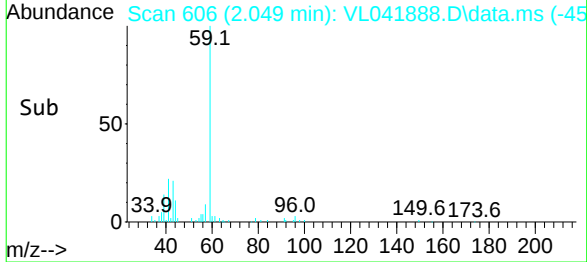
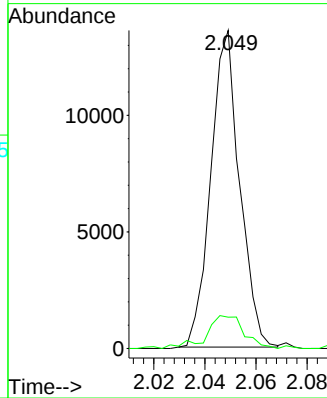
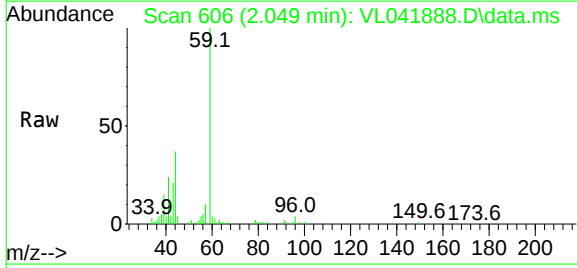




#17
tert-Butyl alcohol
Concen: 0.473 ppbv
RT: 2.049 min Scan# 605
Delta R.T. 0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

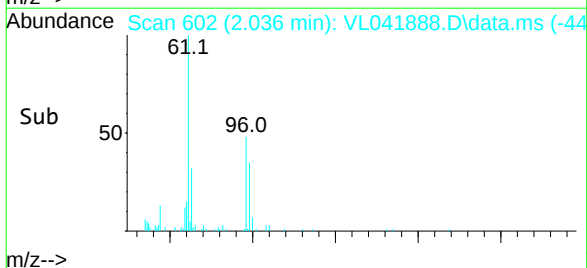
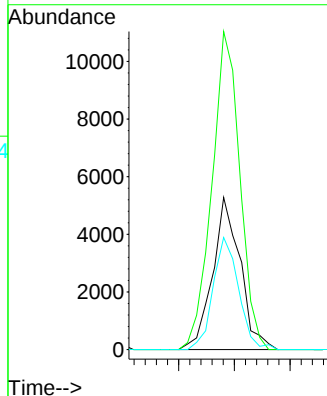
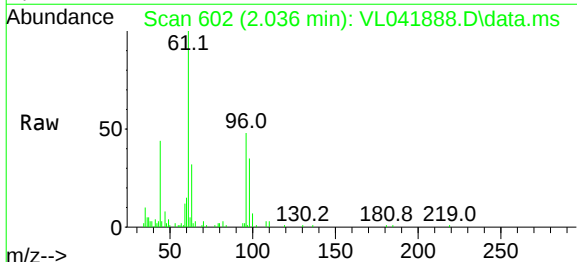
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

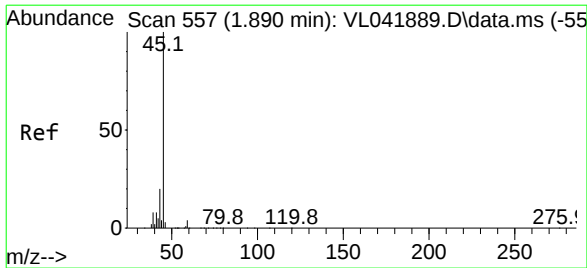
Tgt Ion: 59 Resp: 10637
Ion Ratio Lower Upper
59 100
57 14.1 7.8 11.8#



#18
1,1-Dichloroethene
Concen: 0.477 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 96 Resp: 3626
Ion Ratio Lower Upper
96 100
61 209.0 163.1 244.7
98 73.7 52.7 79.1

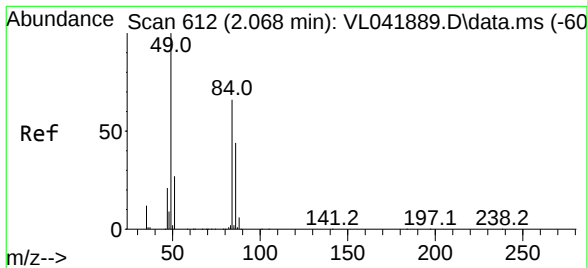
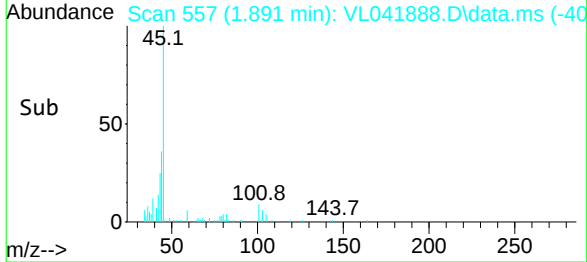
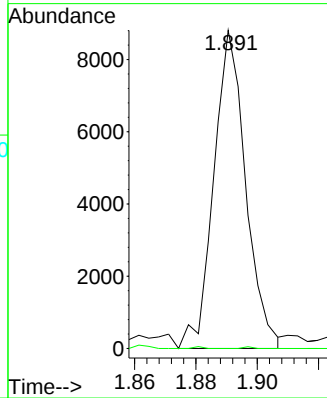
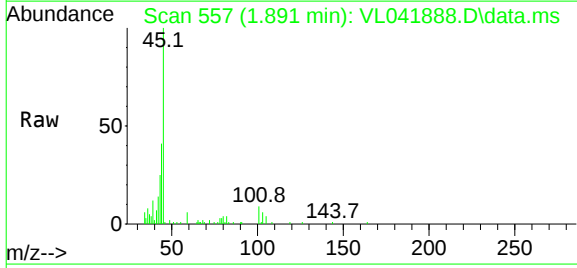




#19
Isopropyl Alcohol
Concen: 0.588 ppbv
RT: 1.891 min Scan# 557
Delta R.T. 0.000 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

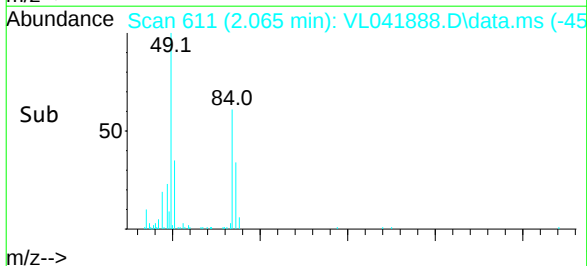
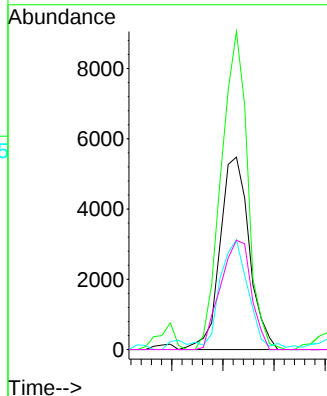
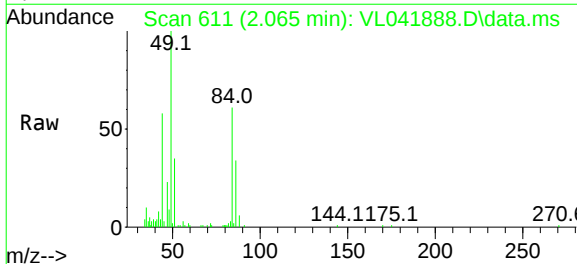
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

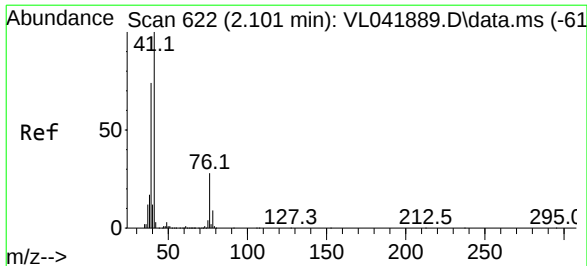
Tgt Ion: 45 Resp: 6365
Ion Ratio Lower Upper
45 100
58 0.0 35.0 52.6#



#20
Methylene Chloride
Concen: 0.604 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 84 Resp: 4359
Ion Ratio Lower Upper
84 100
49 163.1 123.1 184.7
51 52.3 35.8 53.8
86 56.8 53.7 80.5

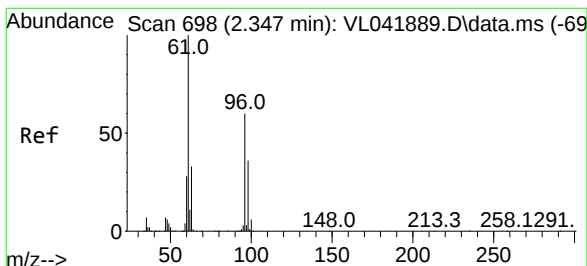
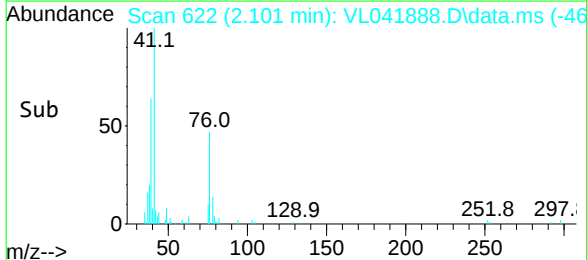
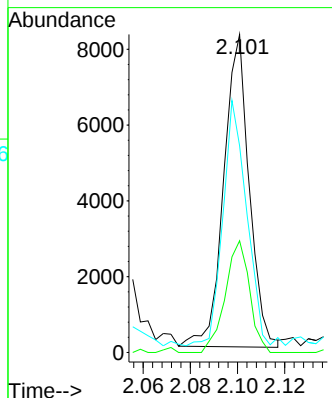
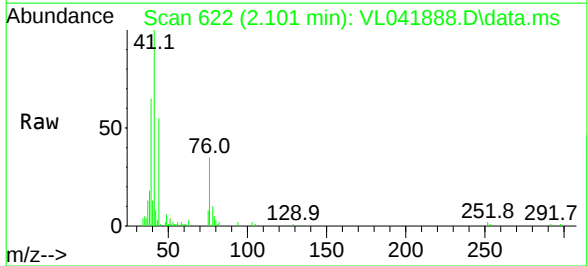




#21
 Allyl Chloride
 Concen: 0.489 ppbv
 RT: 2.101 min Scan# 622
 Delta R.T. 0.000 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

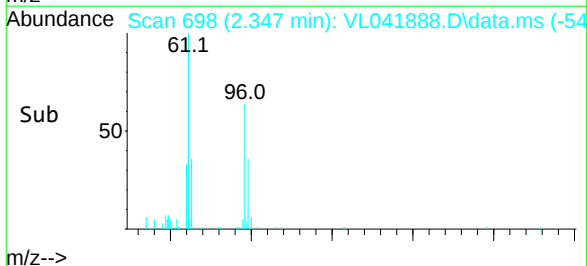
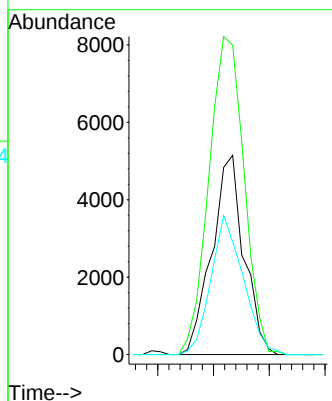
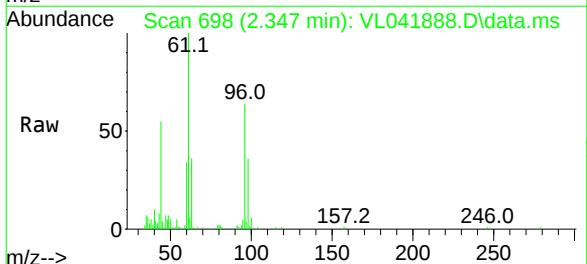
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

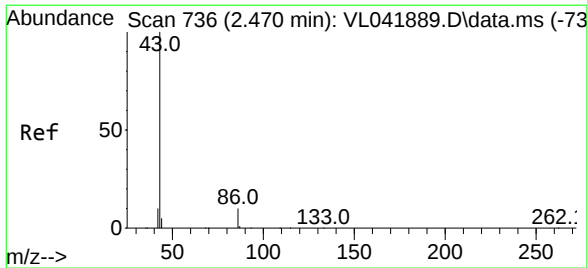
Tgt Ion:	41	Resp:	6185
Ion	Ratio	Lower	Upper
41	100		
76	34.0	24.2	36.4
39	79.4	60.6	91.0



#22
 trans-1,2-Dichloroethene
 Concen: 0.481 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

Tgt Ion:	96	Resp:	4132
Ion	Ratio	Lower	Upper
96	100		
61	155.2	134.5	201.7
98	56.6	48.9	73.3

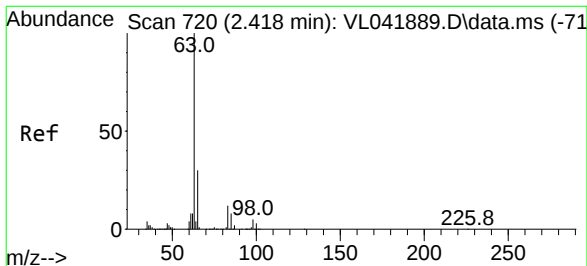
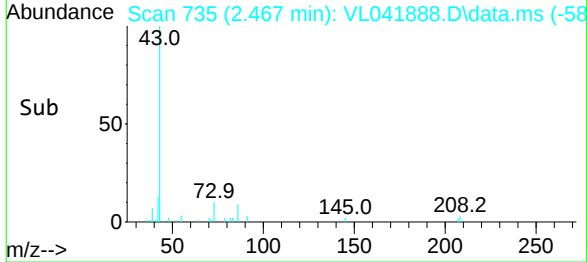
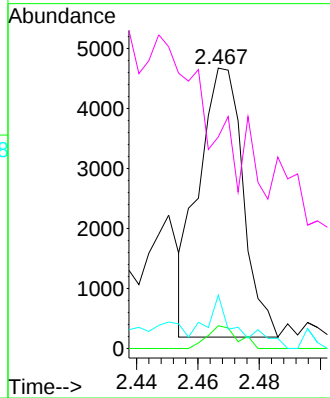
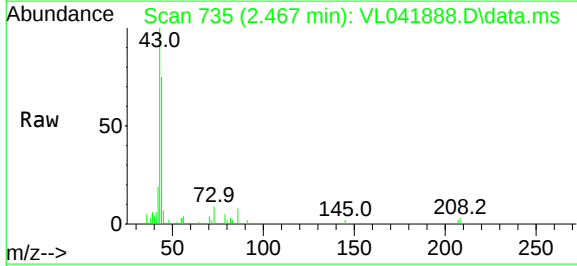




#23
 Vinyl Acetate
 Concen: 0.567 ppbv
 RT: 2.467 min Scan# 735
 Delta R.T. -0.003 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

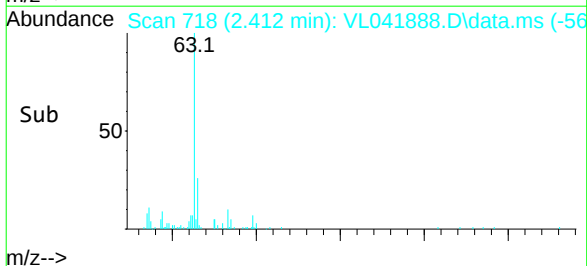
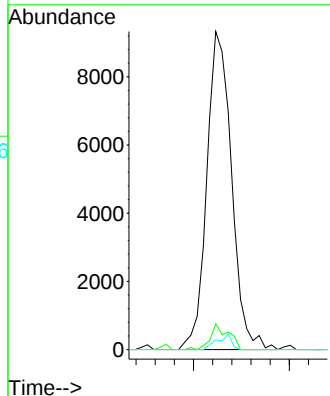
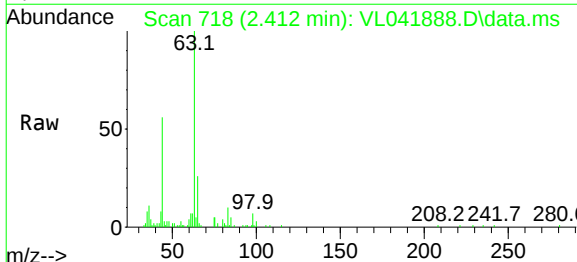
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

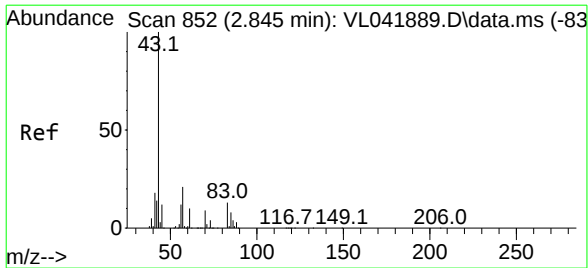
Tgt Ion: 43	Resp: 4508
Ion Ratio	Lower Upper
43 100	
86 8.5	6.2 9.4
42 16.1	8.5 12.7#
44 7.5	4.8 7.2#



#24
 1,1-Dichloroethane
 Concen: 0.505 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. -0.006 min
 Lab File: VL041888.D
 Acq: 14 Jan 2025 11:40

Tgt Ion: 63	Resp: 8388
Ion Ratio	Lower Upper
63 100	
98 8.1	2.6 7.8#
100 3.1	1.4 4.2

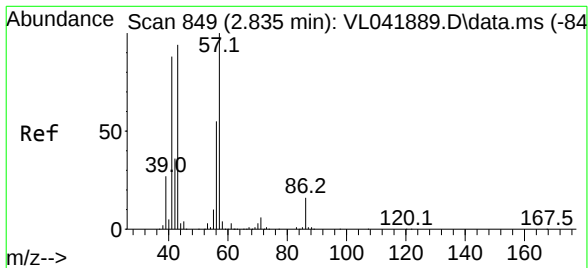
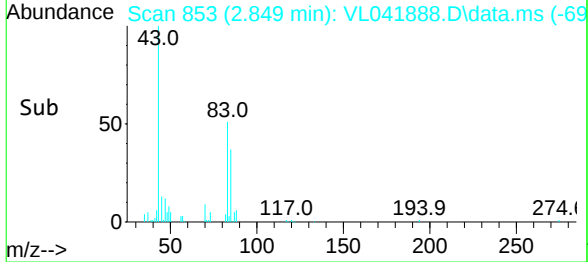
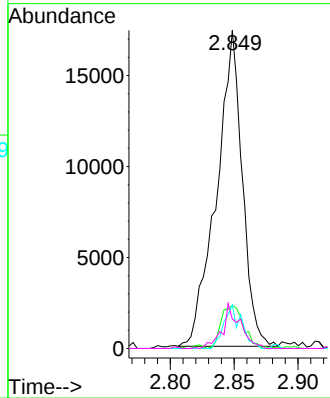
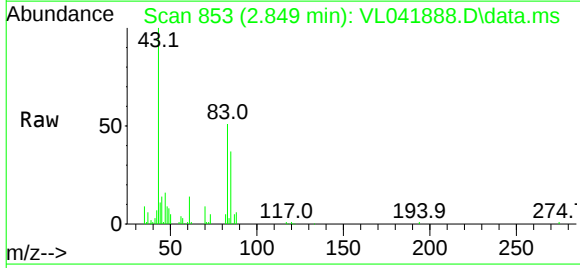




#25
Ethyl Acetate
Concen: 0.496 ppbv
RT: 2.849 min Scan# 852
Delta R.T. 0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

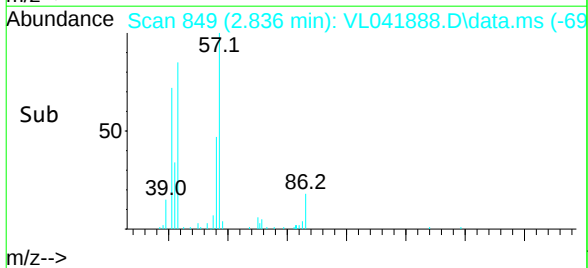
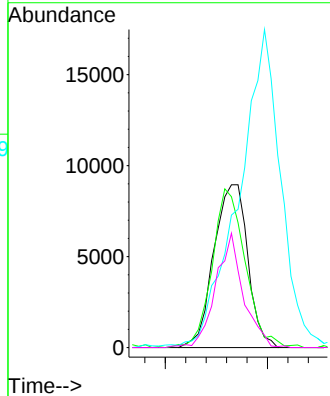
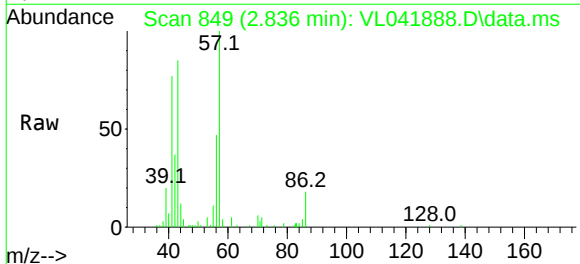
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

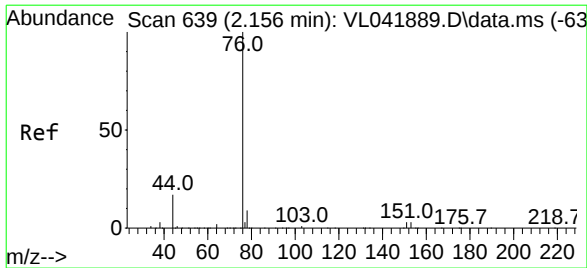
Tgt Ion: 43	Resp: 24398
Ion Ratio	Lower Upper
43 100	
45 12.4	8.2 12.2#
61 9.8	7.4 11.0
70 9.9	7.0 10.4



#26
Hexane
Concen: 0.531 ppbv
RT: 2.836 min Scan# 849
Delta R.T. 0.000 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 57	Resp: 10331
Ion Ratio	Lower Upper
57 100	
41 95.0	73.8 110.8
43 246.7	197.3 295.9
56 57.1	42.7 64.1

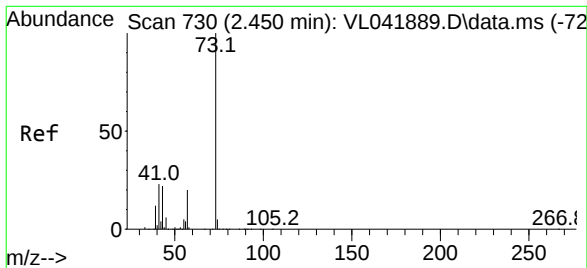
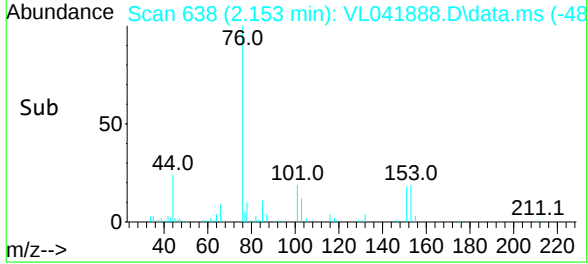
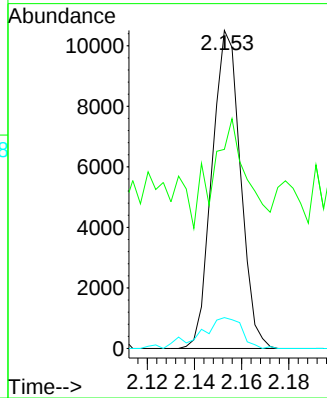
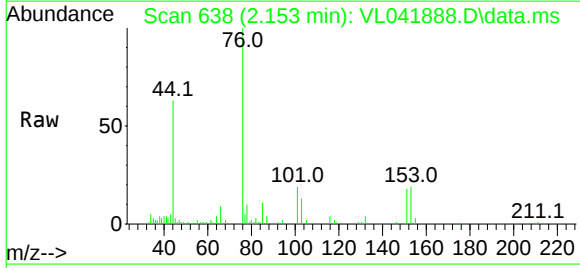




#27
Carbon Disulfide
Concen: 0.457 ppbv
RT: 2.153 min Scan# 639
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

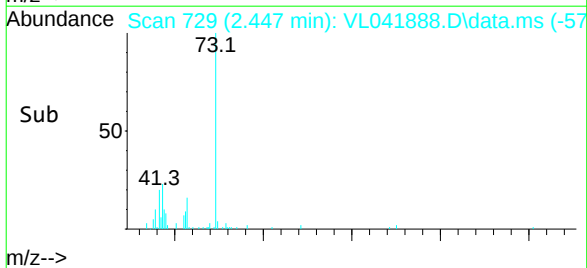
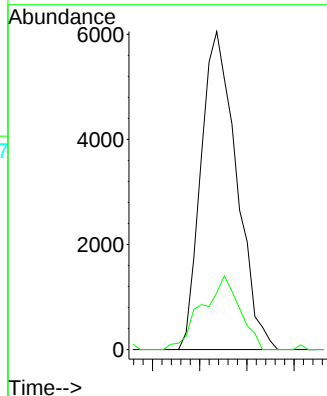
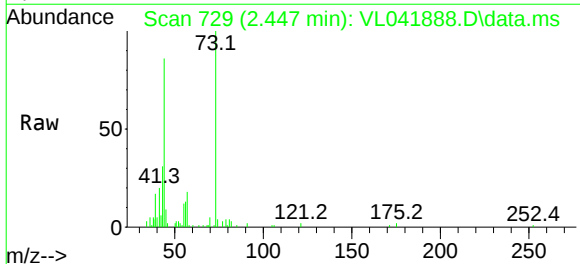
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

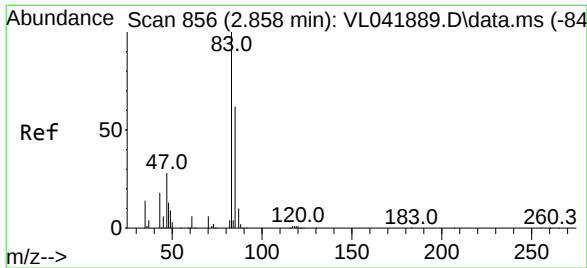
Tgt Ion: 76 Resp: 8804
Ion Ratio Lower Upper
76 100
44 100.5 15.4 23.0#
78 14.2 9.3 13.9#



#28
Methyl tert-Butyl Ether
Concen: 0.426 ppbv
RT: 2.447 min Scan# 729
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 73 Resp: 6336
Ion Ratio Lower Upper
73 100
57 24.9 18.1 27.1





#29

Chloroform

Concen: 0.512 ppbv

RT: 2.855 min Scan# 85

Delta R.T. -0.003 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

ClientSampleId :

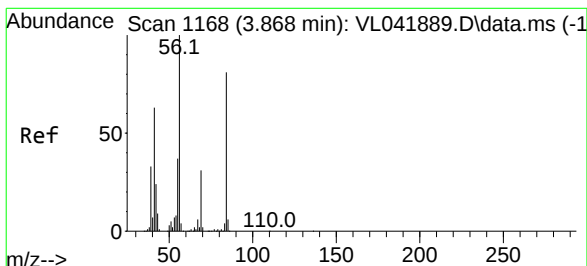
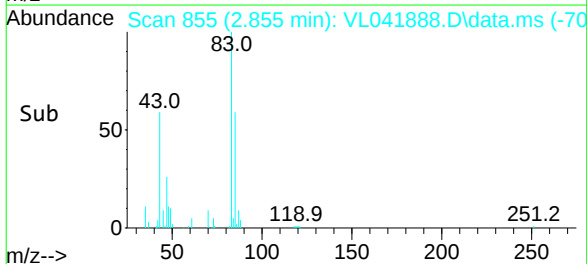
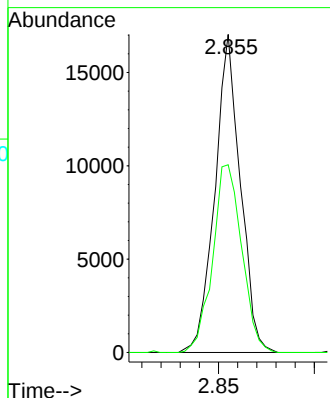
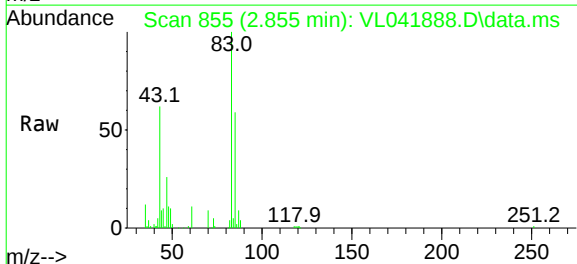
VSTDICC0.5

Tgt Ion: 83 Resp: 15742

Ion Ratio Lower Upper

83 100

85 59.0 50.1 75.1



#30

Cyclohexane

Concen: 0.388 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

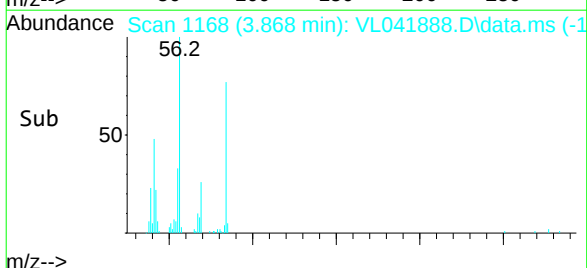
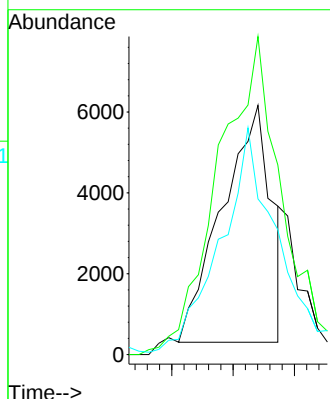
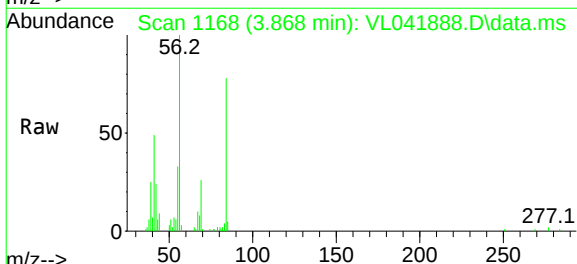
Tgt Ion: 84 Resp: 6553

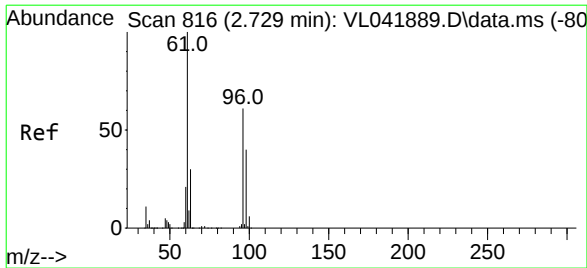
Ion Ratio Lower Upper

84 100

56 171.6 99.3 148.9#

41 112.4 64.3 96.5#





#31

cis-1,2-Dichloroethene

Concen: 0.352 ppbv

RT: 2.344 min Scan# 69

Delta R.T. -0.385 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

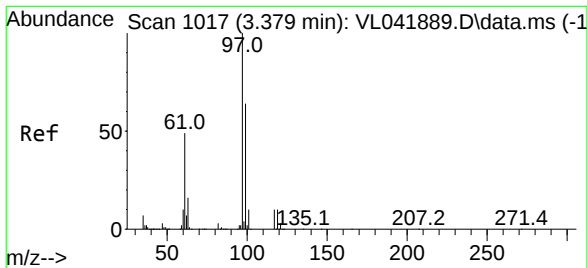
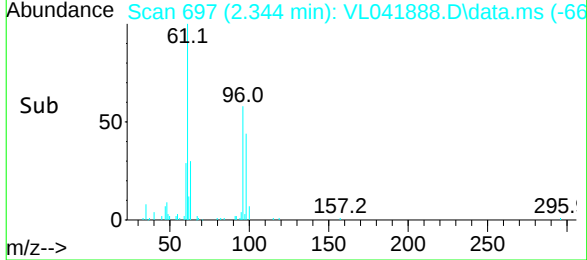
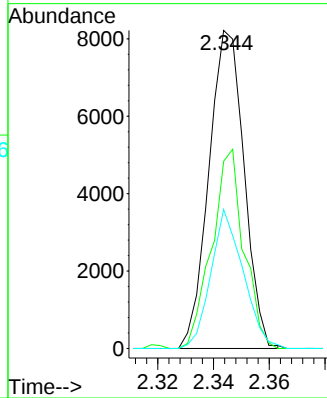
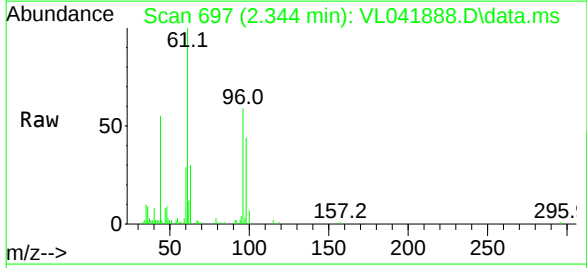
Tgt Ion: 61 Resp: 7218

Ion Ratio Lower Upper

61 100

96 58.9 48.7 73.1

98 43.7 31.6 47.4



#32

1,1,1-Trichloroethane

Concen: 0.496 ppbv

RT: 3.376 min Scan# 1016

Delta R.T. -0.003 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

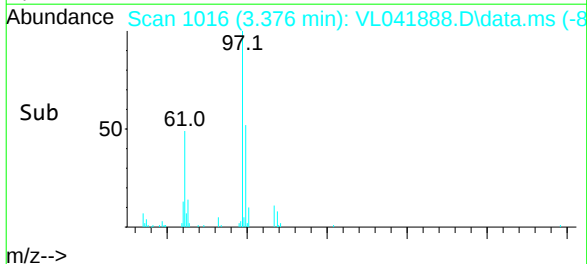
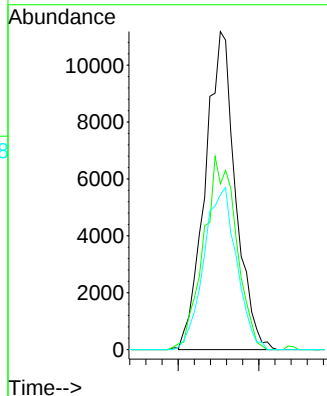
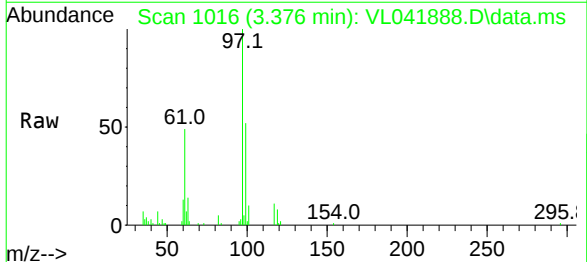
Tgt Ion: 97 Resp: 14604

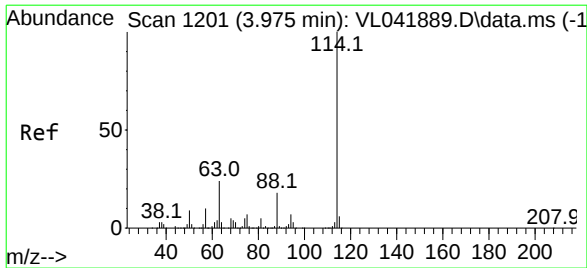
Ion Ratio Lower Upper

97 100

99 65.5 51.1 76.7

61 54.7 39.0 58.6

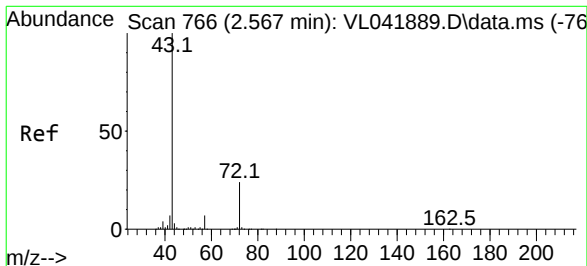
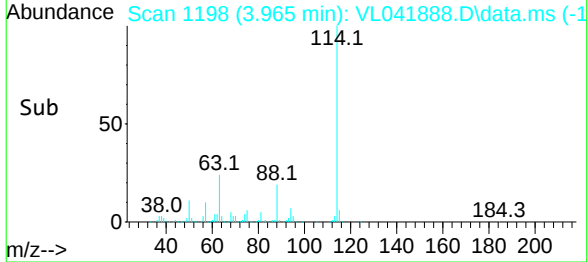
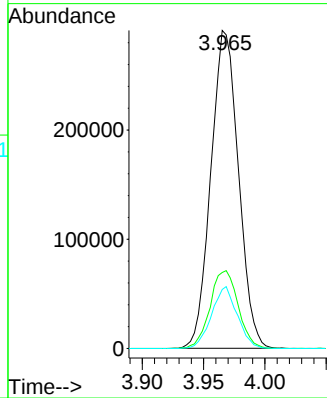
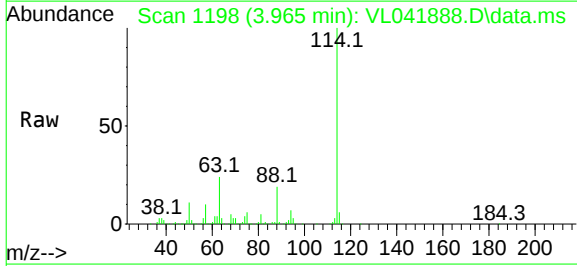




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

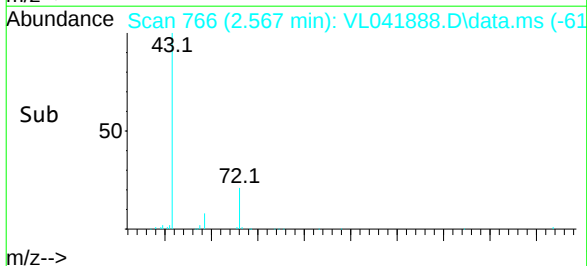
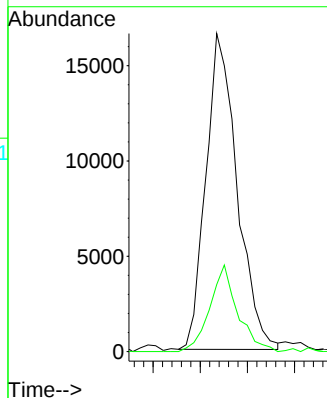
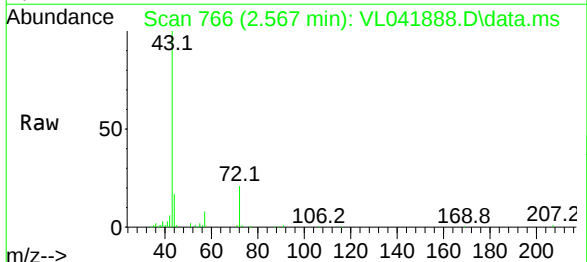
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

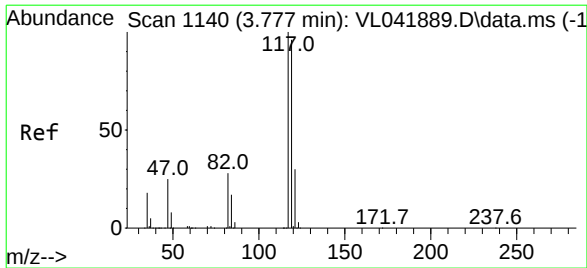
Tgt Ion:114 Resp: 455570
Ion Ratio Lower Upper
114 100
63 24.9 19.8 29.6
88 18.1 14.4 21.6



#34
2-Butanone
Concen: 0.527 ppbv
RT: 2.567 min Scan# 766
Delta R.T. 0.000 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

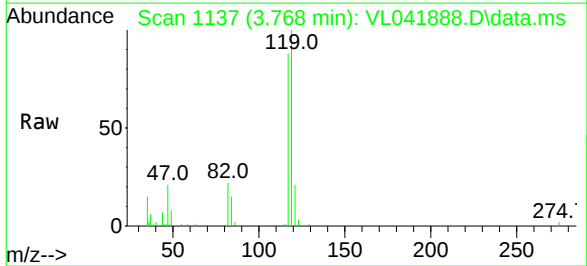
Tgt Ion: 43 Resp: 15277
Ion Ratio Lower Upper
43 100
72 24.8 18.6 28.0



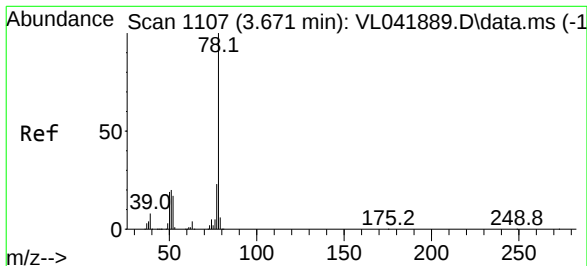
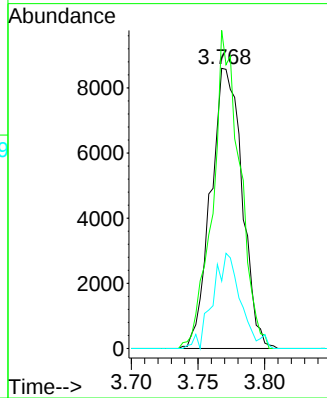
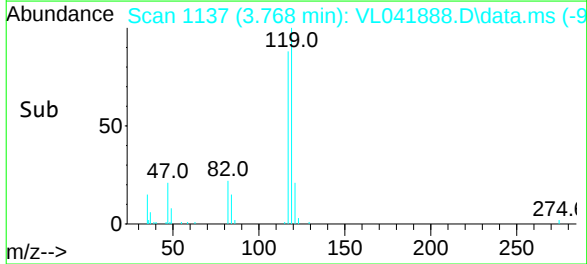


#35
Carbon Tetrachloride
Concen: 0.490 ppbv
RT: 3.768 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

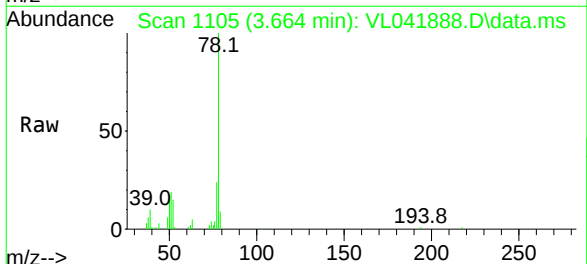
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



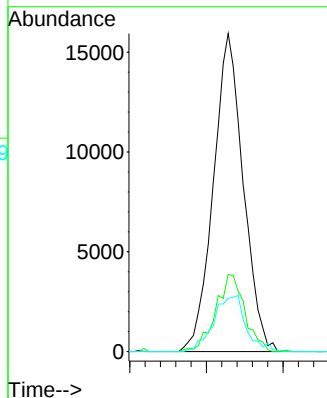
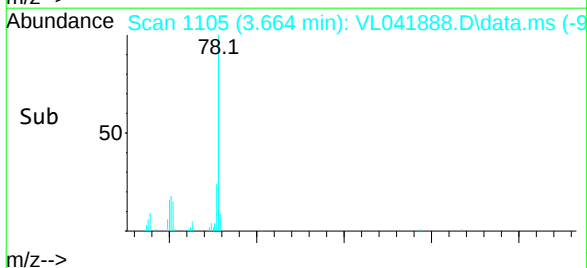
Tgt Ion: 117 Resp: 14044
Ion Ratio Lower Upper
117 100
119 113.5 76.9 115.3
121 24.1 23.8 35.6

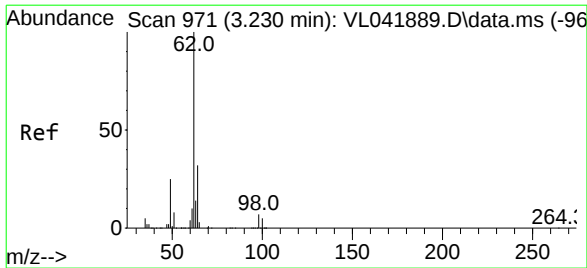


#36
Benzene
Concen: 0.516 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40



Tgt Ion: 78 Resp: 21546
Ion Ratio Lower Upper
78 100
77 24.2 18.1 27.1
50 16.7 15.2 22.8

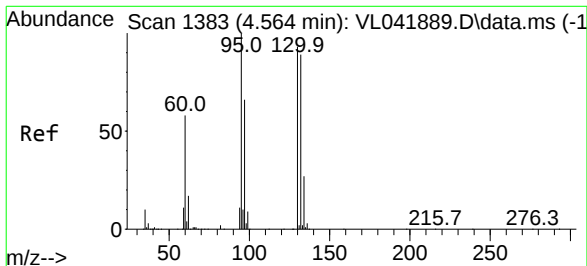
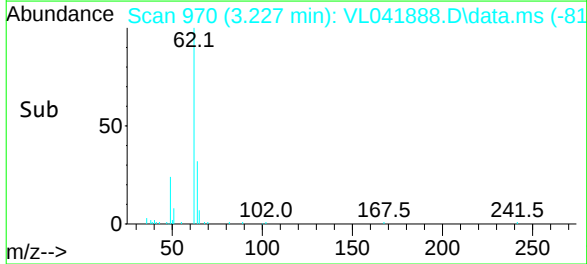
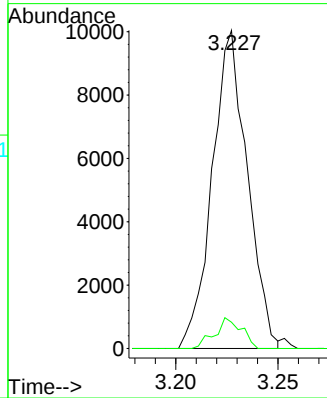
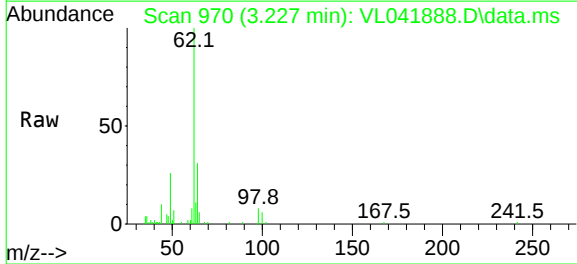




#37
1,2-Dichloroethane
Concen: 0.510 ppbv
RT: 3.227 min Scan# 971
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

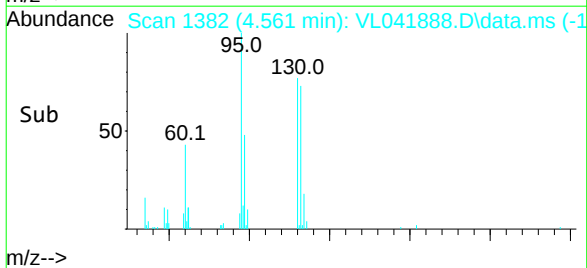
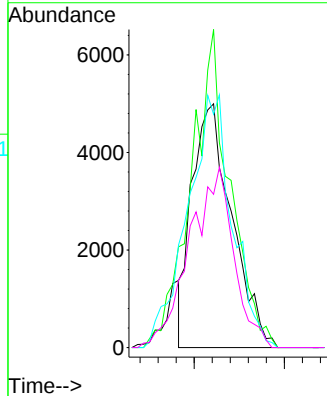
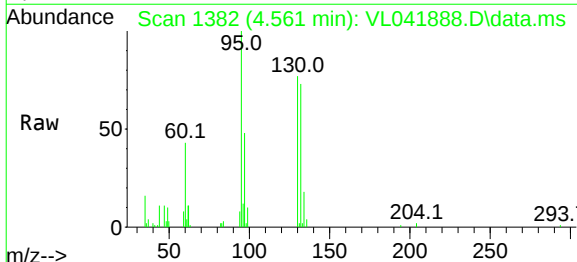
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

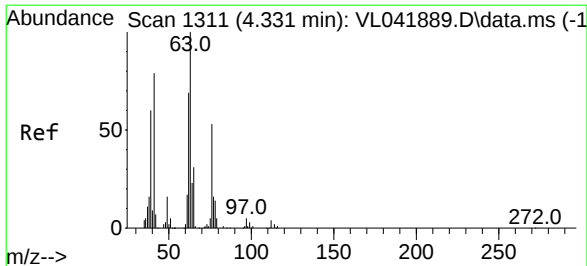
Tgt Ion: 62 Resp: 11973
Ion Ratio Lower Upper
62 100
98 7.4 5.4 8.0



#38
Trichloroethene
Concen: 0.463 ppbv
RT: 4.561 min Scan# 1382
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 130 Resp: 7688
Ion Ratio Lower Upper
130 100
95 130.5 85.8 128.8#
132 95.7 76.5 114.7
97 62.9 56.8 85.2

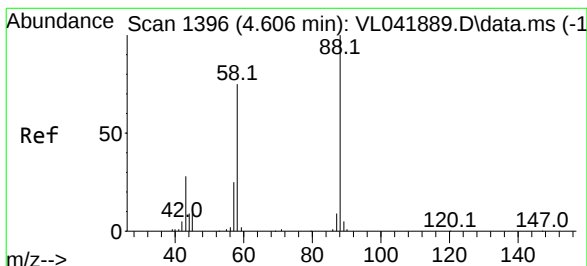
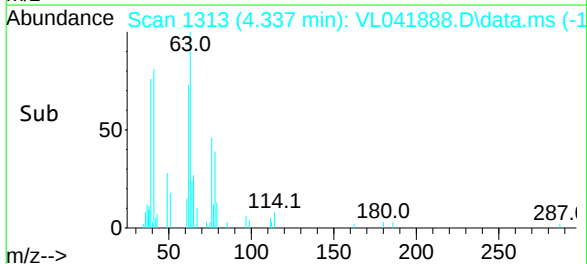
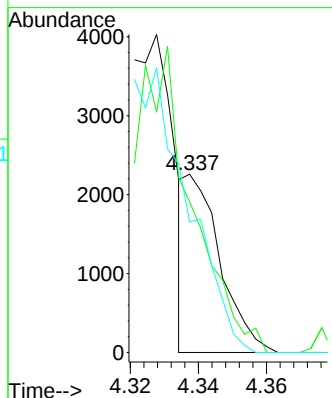
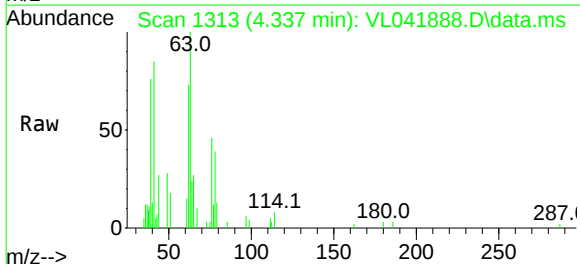




#39
1,2-Dichloropropane
Concen: 0.110 ppbv
RT: 4.337 min Scan# 1311
Delta R.T. 0.007 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

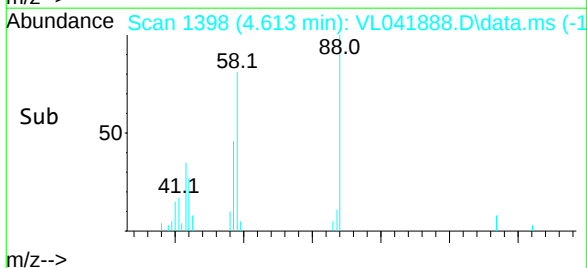
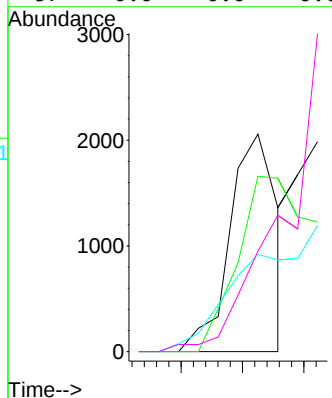
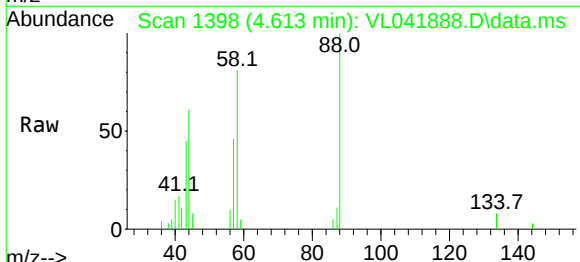
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

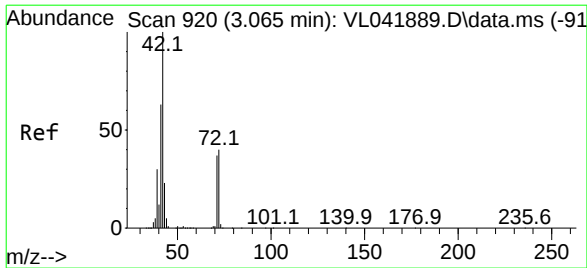
Tgt Ion: 63 Resp: 1610
Ion Ratio Lower Upper
63 100
41 84.6 63.7 95.5
62 73.4 55.4 83.2



#40
1,4-Dioxane
Concen: 0.150 ppbv
RT: 4.613 min Scan# 1398
Delta R.T. 0.007 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 88 Resp: 1107
Ion Ratio Lower Upper
88 100
58 398.7 62.1 93.1#
43 0.0 0.0 0.0
57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.534 ppbv

RT: 3.069 min Scan# 92

Delta R.T. 0.003 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

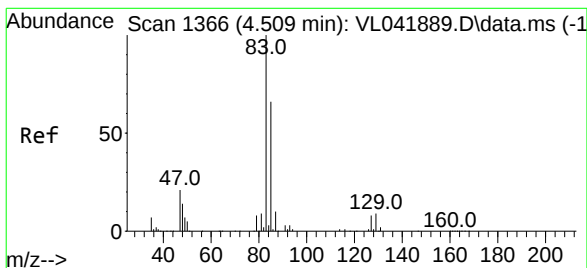
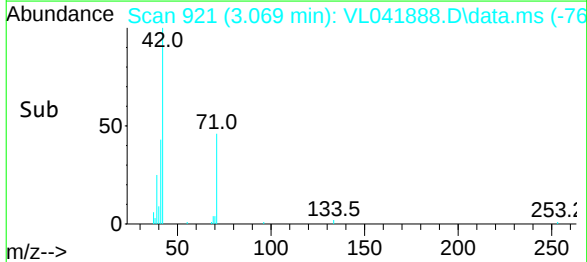
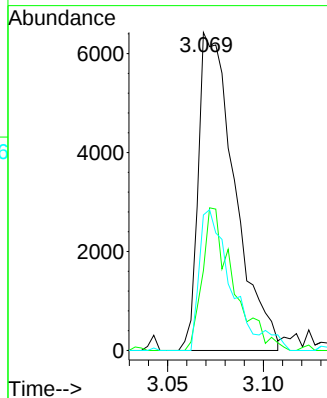
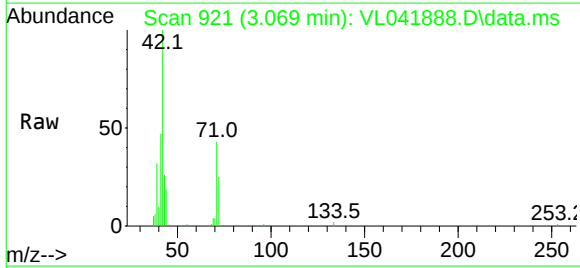
Tgt Ion: 42 Resp: 8443

Ion Ratio Lower Upper

42 100

72 39.0 32.3 48.5

71 39.7 29.9 44.9



#42

Bromodichloromethane

Concen: 0.488 ppbv

RT: 4.502 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

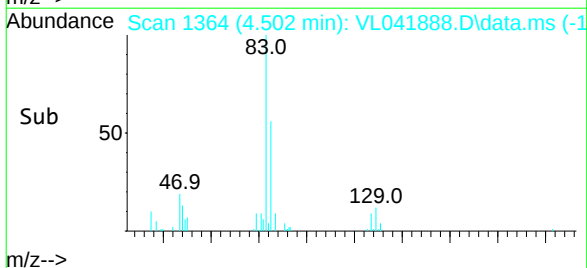
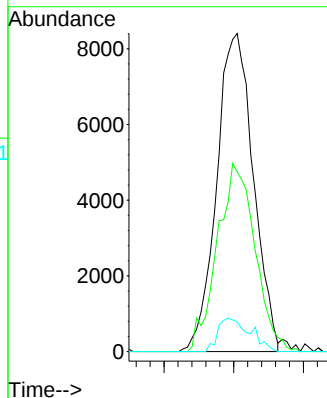
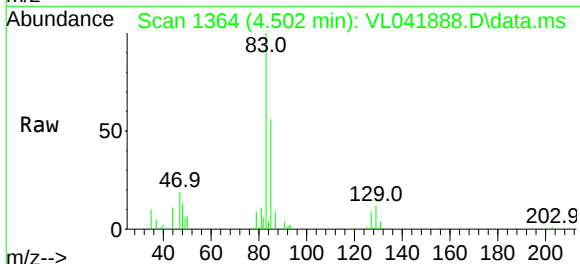
Tgt Ion: 83 Resp: 15340

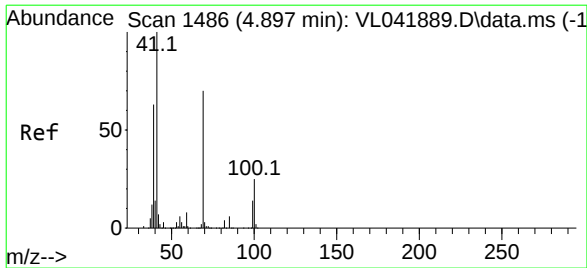
Ion Ratio Lower Upper

83 100

85 56.4 52.6 78.8

127 9.4 6.4 9.6

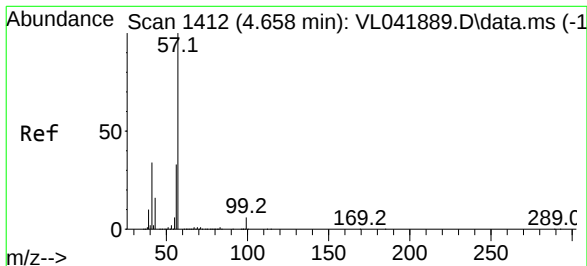
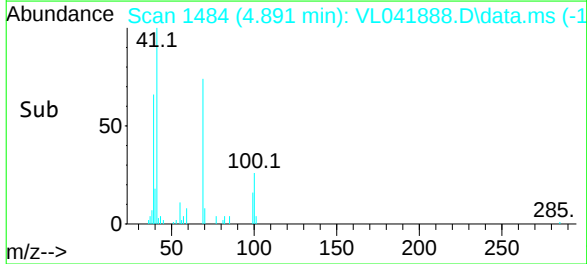
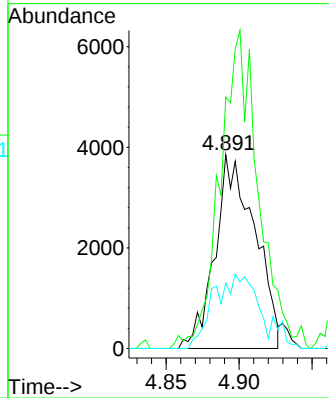
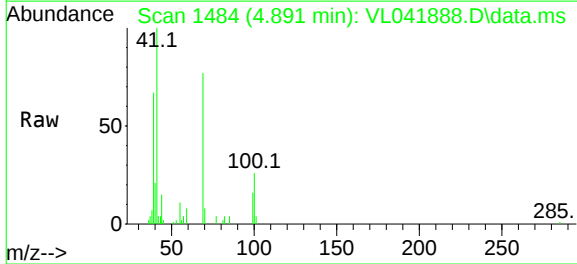




#43
Methyl Methacrylate
Concen: 0.471 ppbv
RT: 4.891 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

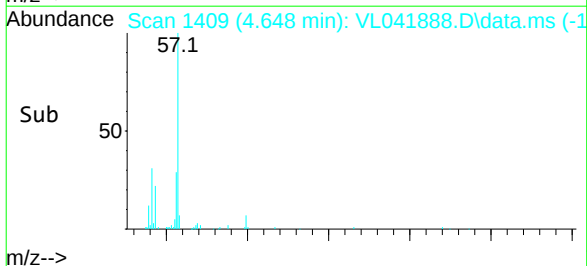
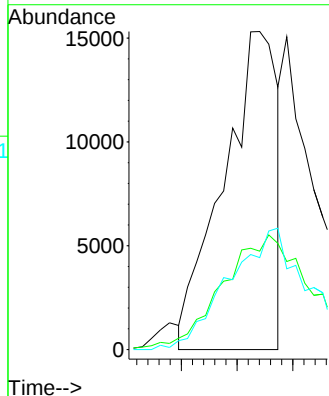
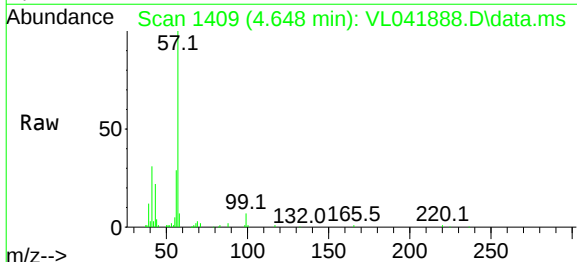
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

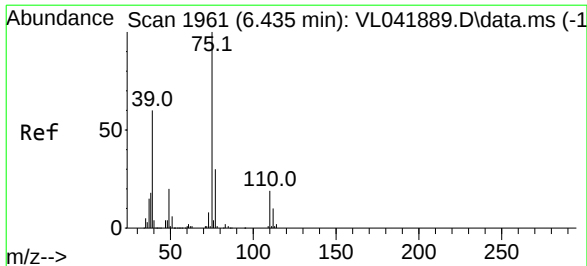
Tgt Ion: 69 Resp: 7309
Ion Ratio Lower Upper
69 100
41 158.6 118.6 177.8
100 45.7 29.3 43.9#



#44
2,2,4-Trimethylpentane
Concen: 0.304 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. -0.010 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 57 Resp: 20546
Ion Ratio Lower Upper
57 100
41 0.0 26.6 40.0#
56 0.0 25.4 38.2#





#45

t-1,3-Dichloropropene

Concen: 0.122 ppbv

RT: 6.419 min Scan# 19

Delta R.T. -0.016 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

ClientSampleId :

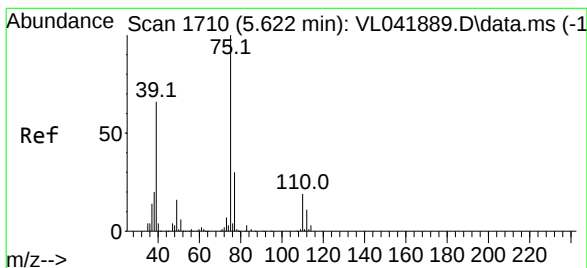
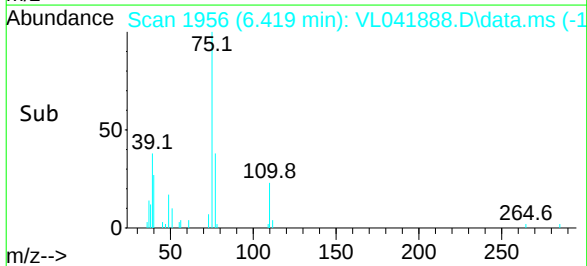
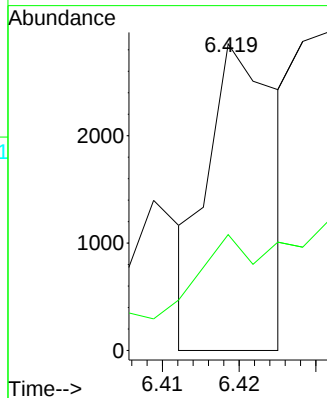
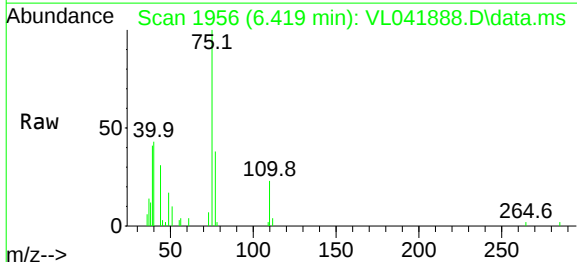
VSTDIC0.5

Tgt Ion: 75 Resp: 1770

Ion Ratio Lower Upper

75 100

77 37.8 24.3 36.5#



#46

cis-1,3-Dichloropropene

Concen: 0.234 ppbv

RT: 5.609 min Scan# 1706

Delta R.T. -0.013 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

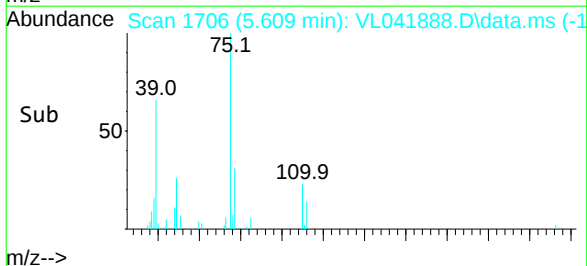
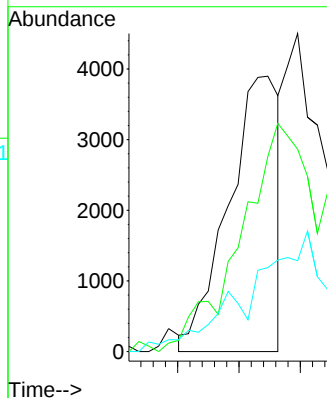
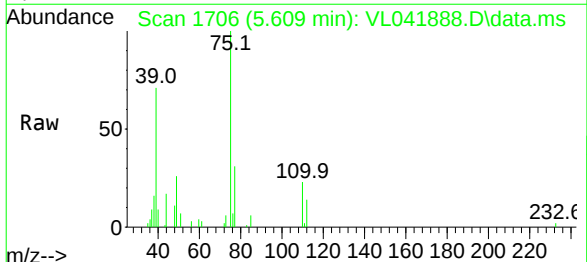
Tgt Ion: 75 Resp: 4470

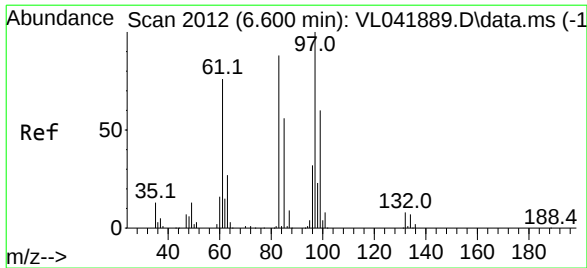
Ion Ratio Lower Upper

75 100

39 71.0 53.1 79.7

77 27.9 23.8 35.8

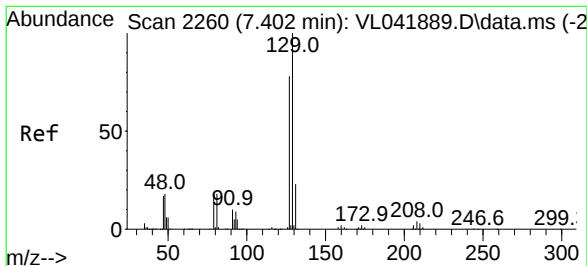
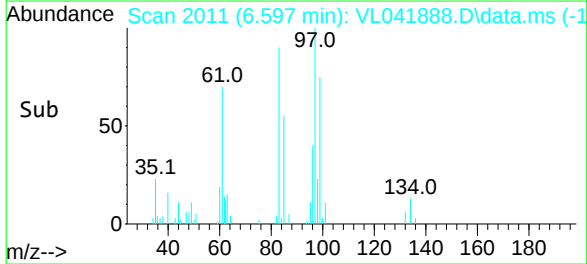
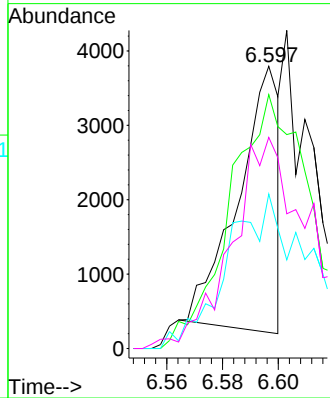
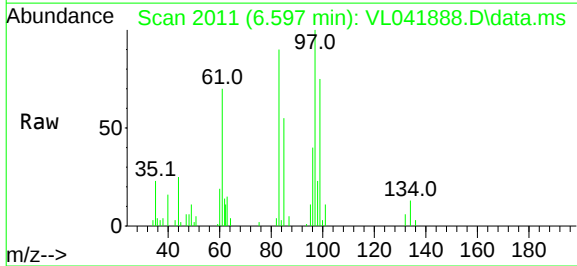




#47
1,1,2-Trichloroethane
Concen: 0.235 ppbv
RT: 6.597 min Scan# 2012
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

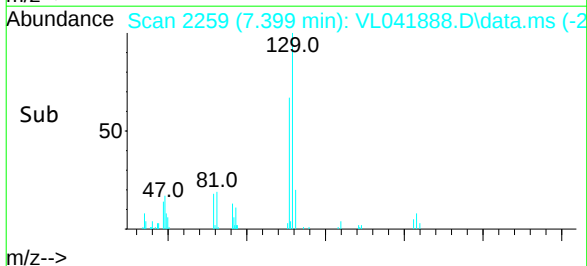
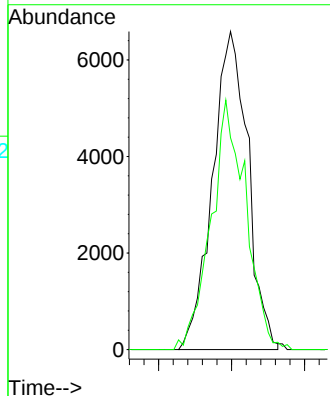
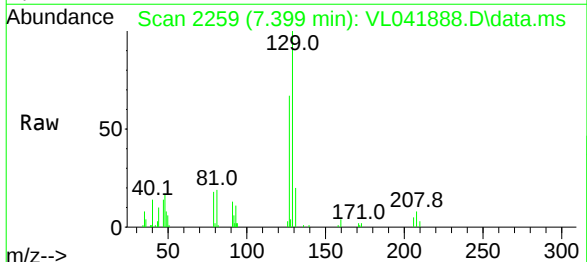
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

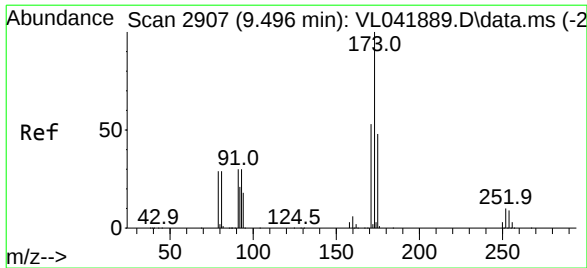
Tgt Ion:	97	Resp:	3651
Ion	Ratio	Lower	Upper
97	100		
83	89.4	70.4	105.6
85	57.9	45.0	67.4
99	80.7	48.1	72.1



#48
Dibromochloromethane
Concen: 0.463 ppbv
RT: 7.399 min Scan# 2259
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion:	129	Resp:	11087
Ion	Ratio	Lower	Upper
129	100		
127	77.2	39.3	117.8

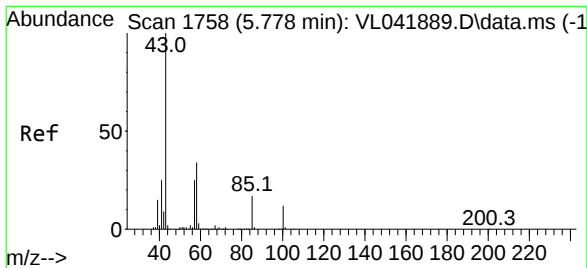
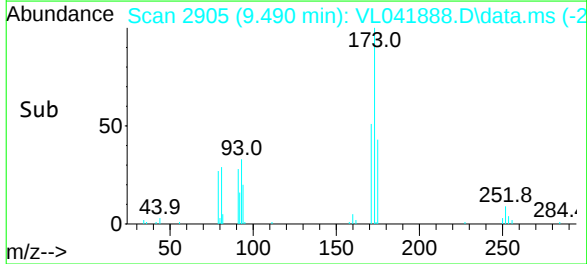
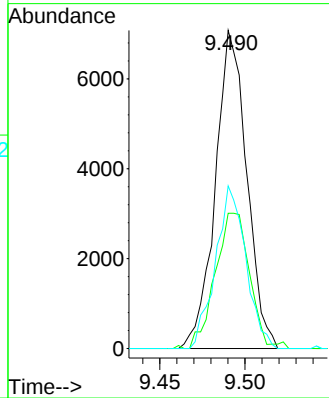
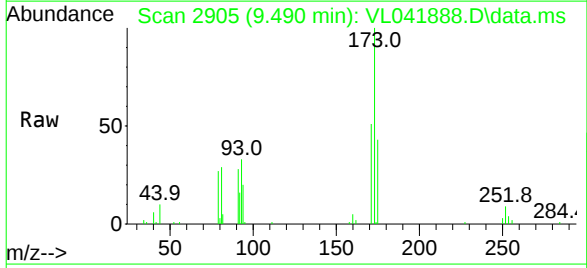




#49
Bromoform
Concen: 0.461 ppbv
RT: 9.490 min Scan# 2907
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

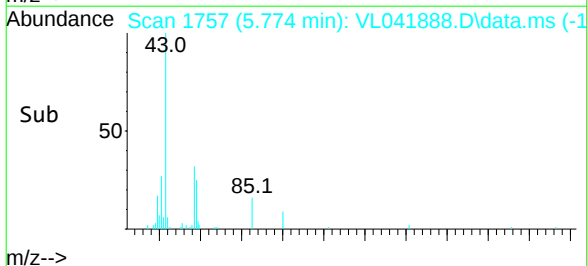
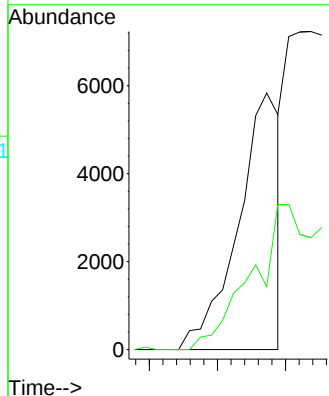
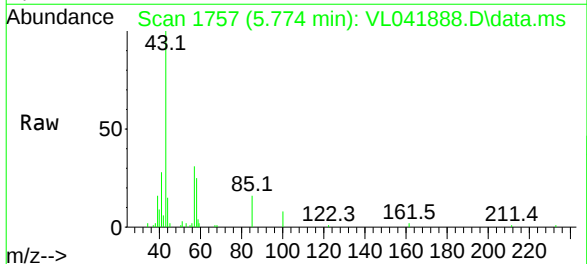
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

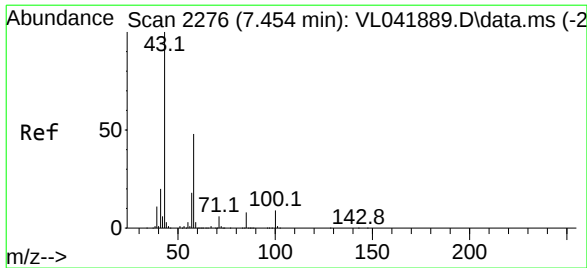
Tgt Ion: 173 Resp: 9073
Ion Ratio Lower Upper
173 100
175 46.6 38.4 57.6
171 49.2 41.4 62.2



#50
4-Methyl-2-Pentanone
Concen: 0.126 ppbv
RT: 5.774 min Scan# 1757
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 43 Resp: 4977
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.6#





#51

2-Hexanone

Concen: 0.259 ppbv

RT: 7.458 min Scan# 22

Delta R.T. 0.003 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

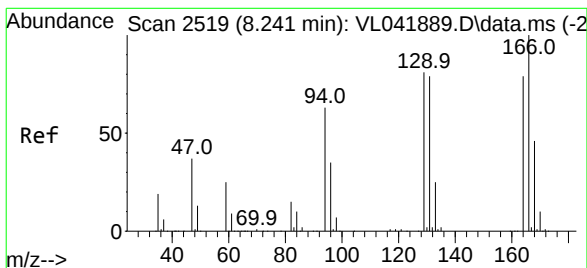
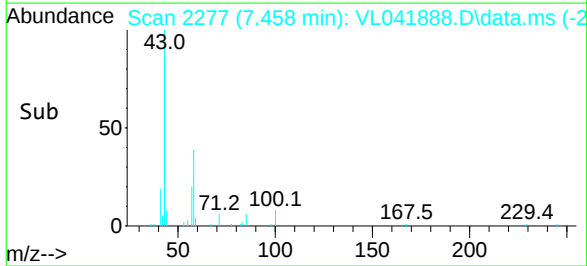
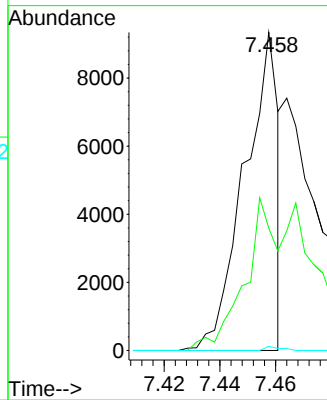
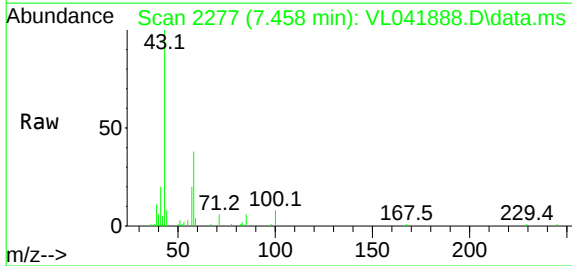
Tgt Ion: 43 Resp: 7862

Ion Ratio Lower Upper

43 100

58 95.9 40.4 60.6#

98 0.6 0.2 0.2#



#52

Tetrachloroethene

Concen: 0.498 ppbv

RT: 8.234 min Scan# 2517

Delta R.T. -0.006 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Tgt Ion: 164 Resp: 7221

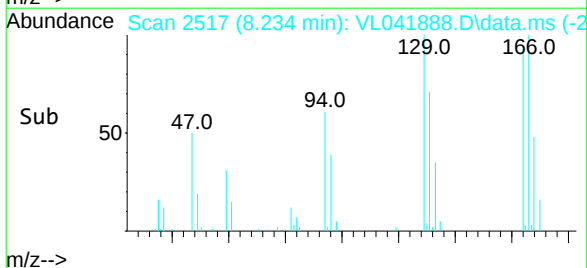
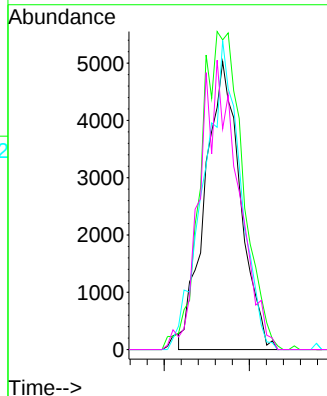
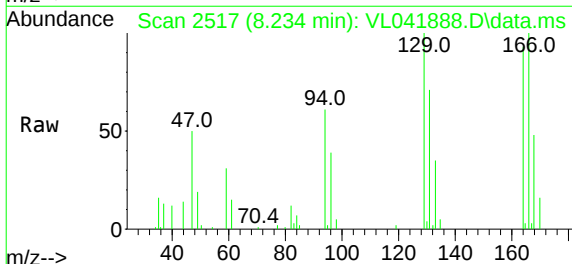
Ion Ratio Lower Upper

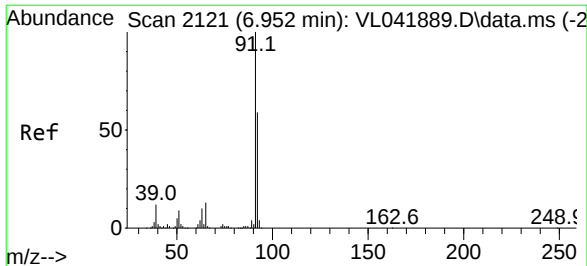
164 100

166 106.2 100.8 151.2

129 107.3 82.0 123.0

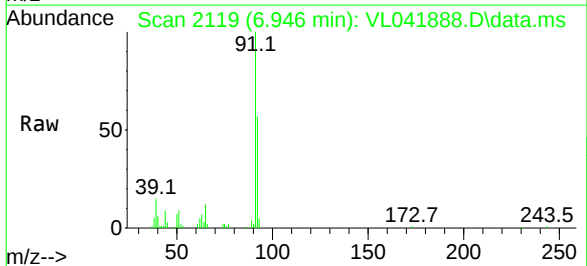
131 76.6 80.2 120.2#



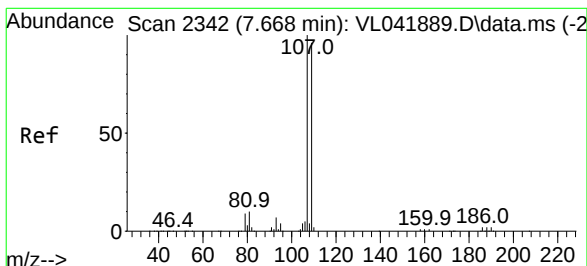
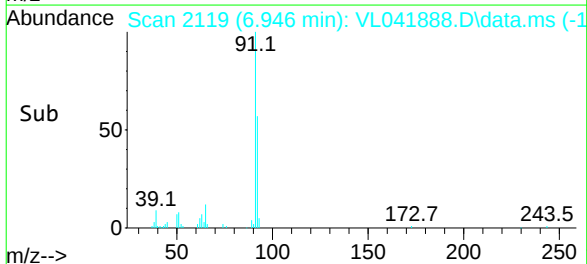
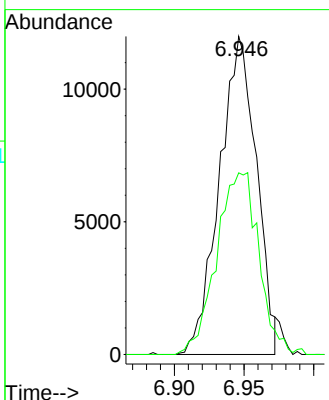


#53
Toluene
Concen: 0.487 ppbv
RT: 6.946 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

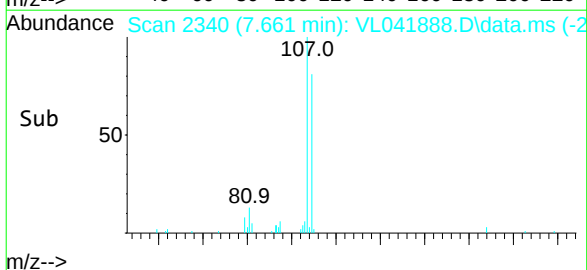
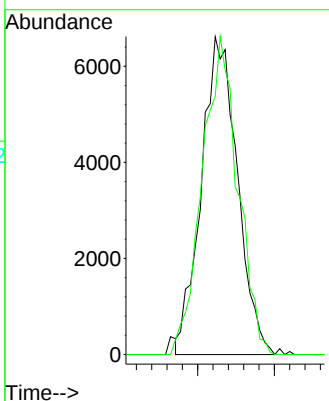
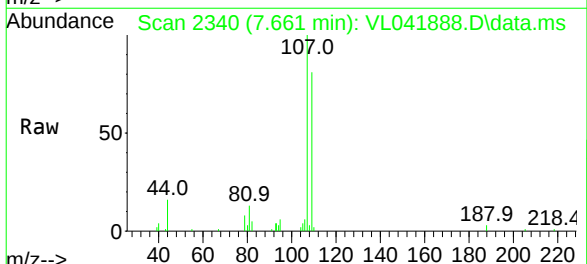


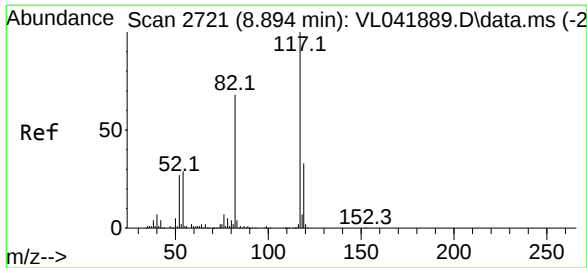
Tgt Ion: 91 Resp: 22160
Ion Ratio Lower Upper
91 100
92 65.4 47.4 71.0



#54
1,2-Dibromoethane
Concen: 0.506 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 107 Resp: 10815
Ion Ratio Lower Upper
107 100
109 81.2 76.7 115.1

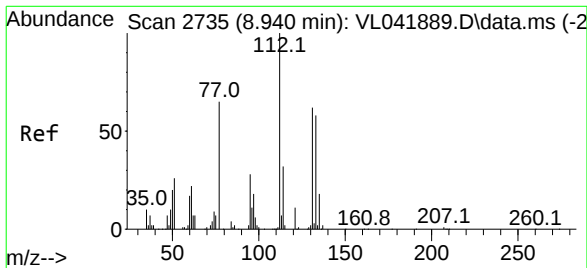
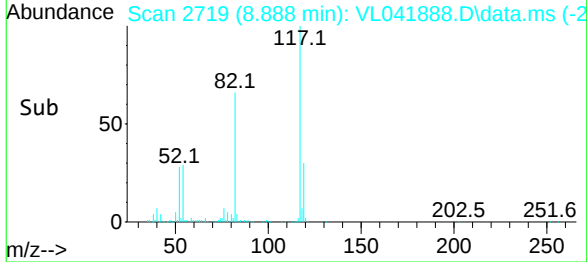
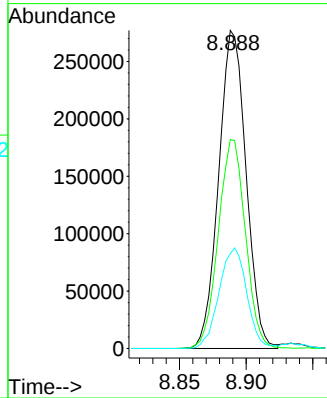
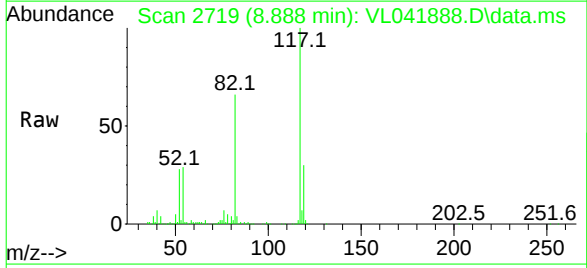




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2721
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

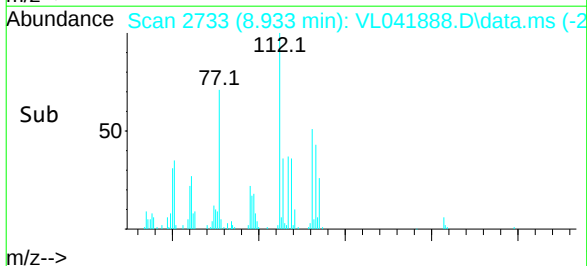
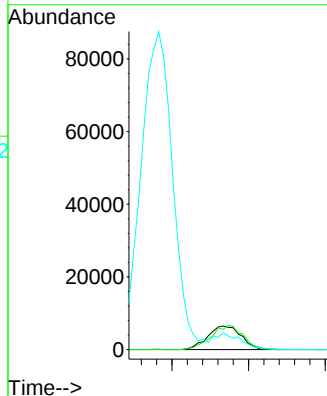
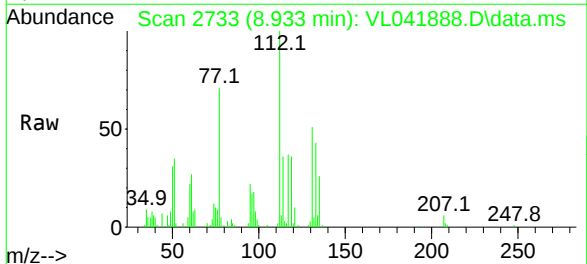
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

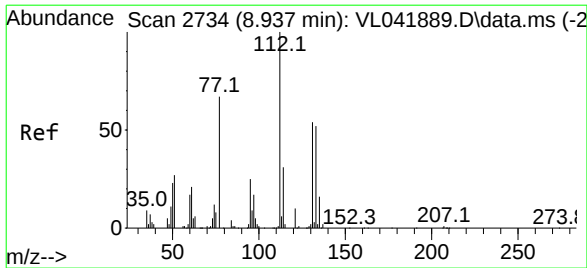
Tgt Ion:117 Resp: 395574
Ion Ratio Lower Upper
117 100
82 65.1 54.2 81.4
119 33.5 25.0 37.6



#56
1,1,1,2-Tetrachloroethane
Concen: 0.500 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion:131 Resp: 9870
Ion Ratio Lower Upper
131 100
133 97.8 76.0 114.0
119 1343.5 49.7 74.5#

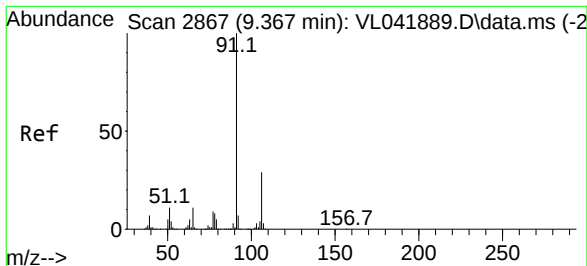
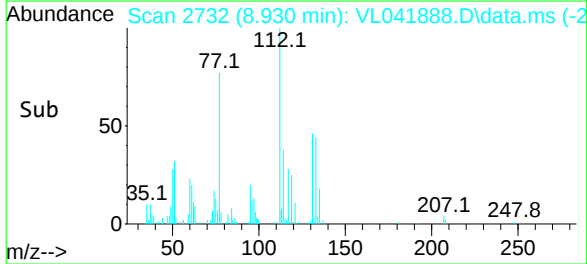
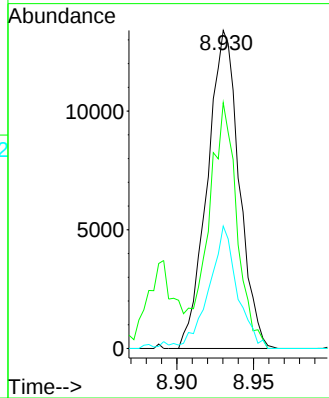
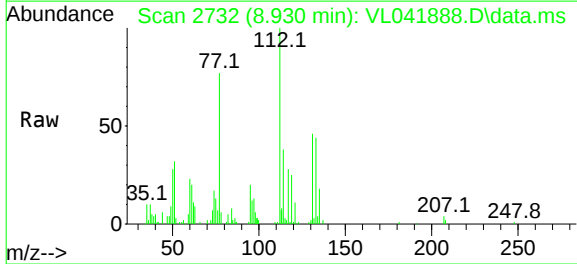




#57
Chlorobenzene
Concen: 0.530 ppbv
RT: 8.930 min Scan# 2734
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

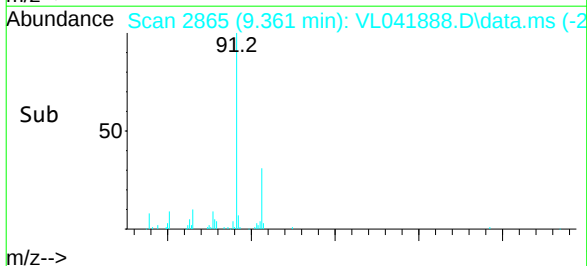
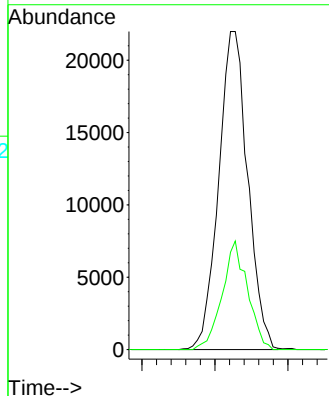
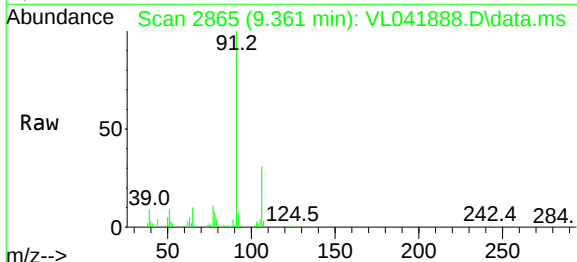
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.5

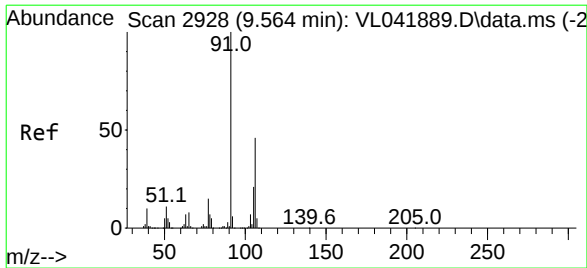
Tgt Ion:	112	Resp:	19334
Ion	Ratio	Lower	Upper
112	100		
77	77.3	54.6	82.0
114	38.5	28.2	34.4



#58
Ethyl Benzene
Concen: 0.493 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion:	91	Resp:	30456
Ion	Ratio	Lower	Upper
91	100		
106	30.6	23.1	34.7

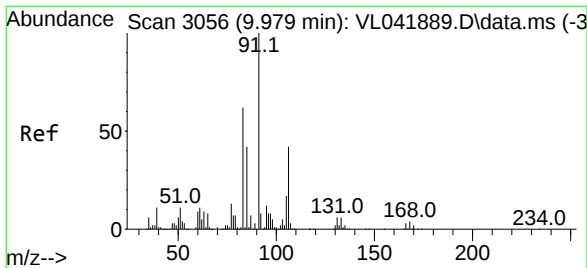
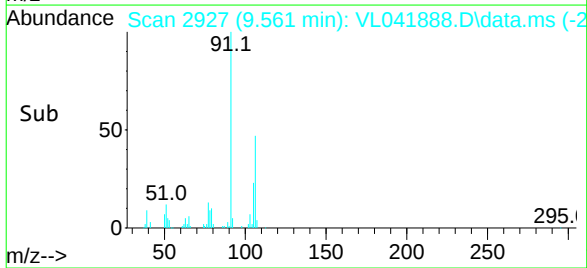
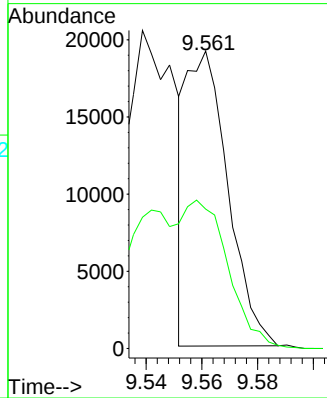
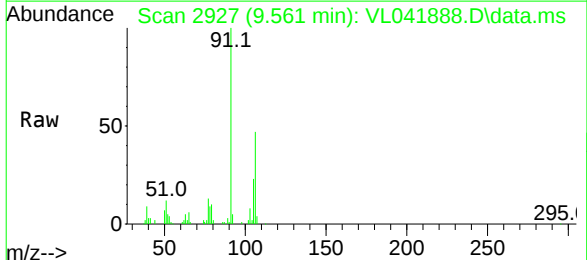




#59
m/p-Xylene
Concen: 0.399 ppbv
RT: 9.561 min Scan# 29
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

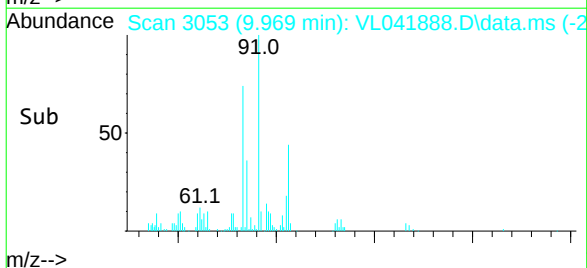
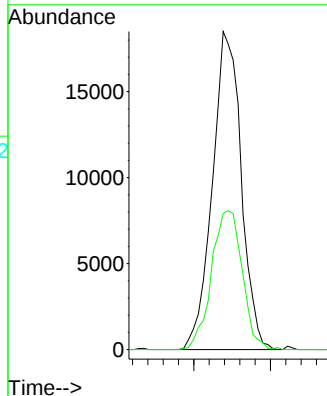
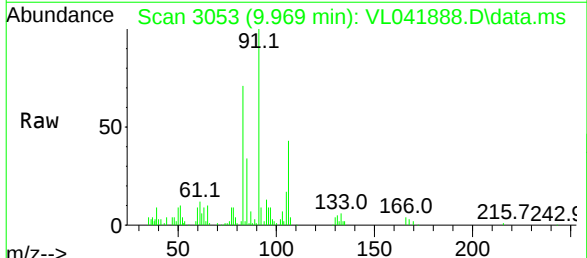
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

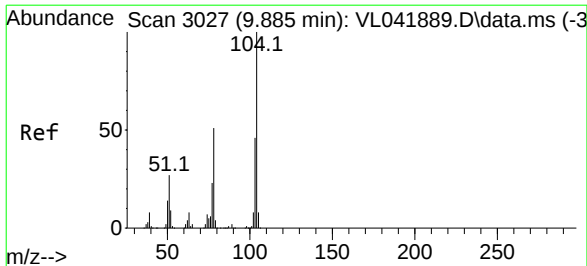
Tgt Ion: 91 Resp: 19790
Ion Ratio Lower Upper
91 100
106 115.2 36.0 54.0#



#60
o-Xylene
Concen: 0.491 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. -0.010 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 91 Resp: 24142
Ion Ratio Lower Upper
91 100
106 46.6 21.3 63.9





#61

Styrene

Concen: 0.473 ppbv

RT: 9.879 min Scan# 3025

Delta R.T. -0.006 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

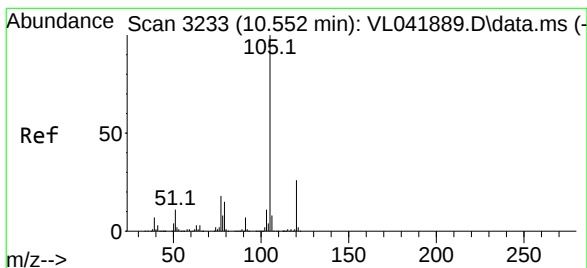
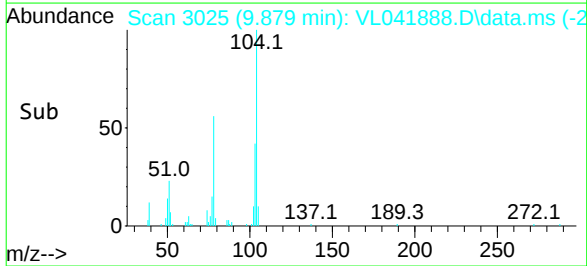
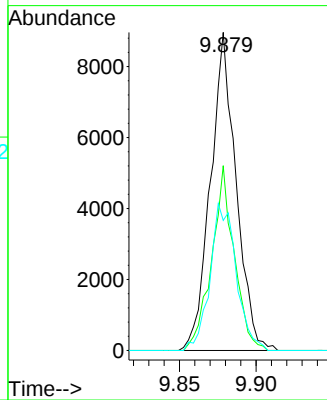
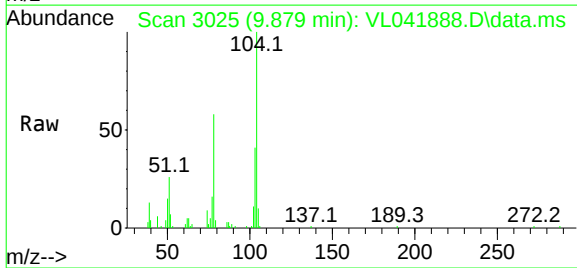
Tgt Ion:104 Resp: 10428

Ion Ratio Lower Upper

104 100

78 51.1 41.0 61.6

103 47.2 37.2 55.8



#62

Isopropylbenzene

Concen: 0.502 ppbv

RT: 10.549 min Scan# 3232

Delta R.T. -0.003 min

Lab File: VL041888.D

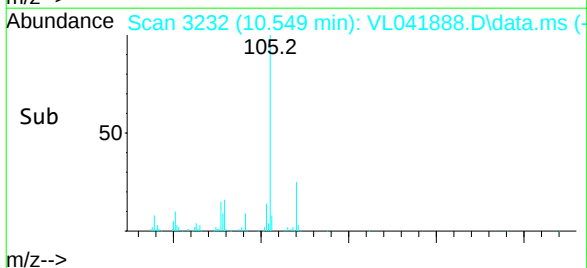
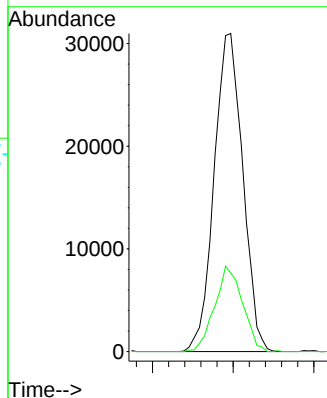
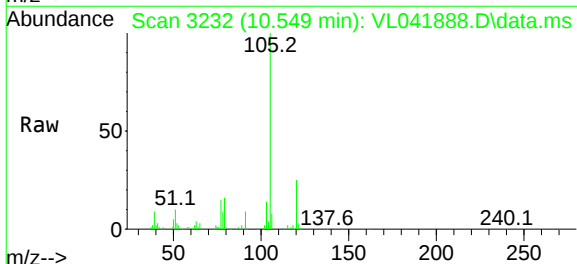
Acq: 14 Jan 2025 11:40

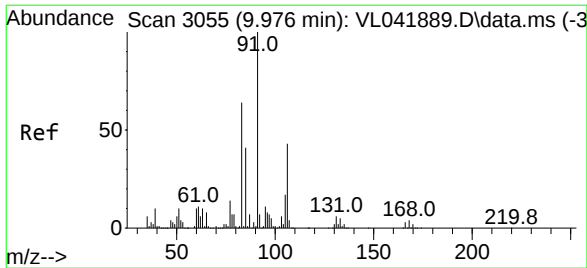
Tgt Ion:105 Resp: 38174

Ion Ratio Lower Upper

105 100

120 26.1 20.3 30.5

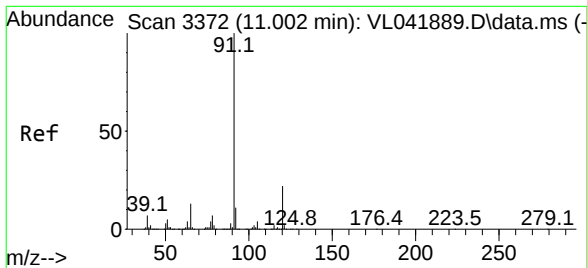
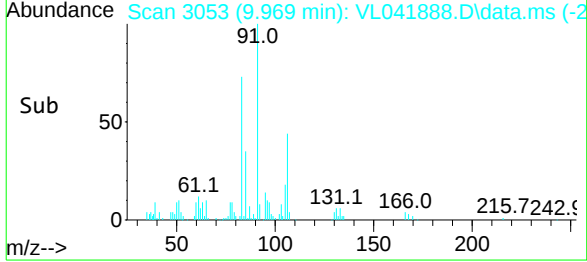
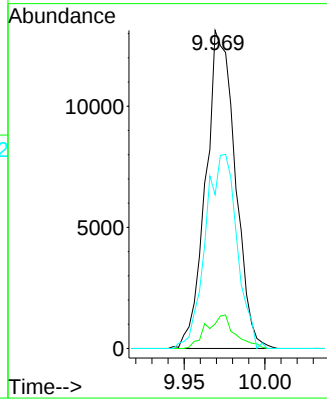
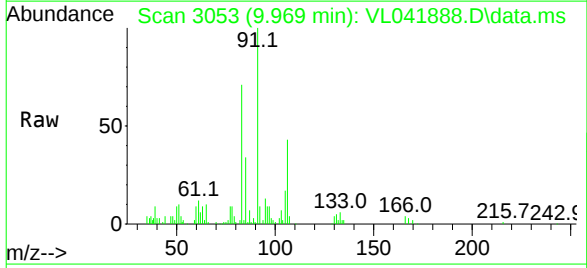




#63
1,1,2,2-Tetrachloroethane
Concen: 0.537 ppbv
RT: 9.969 min Scan# 3055
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

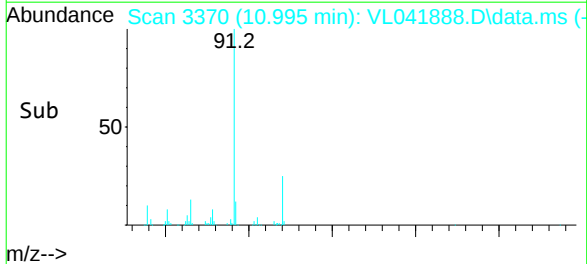
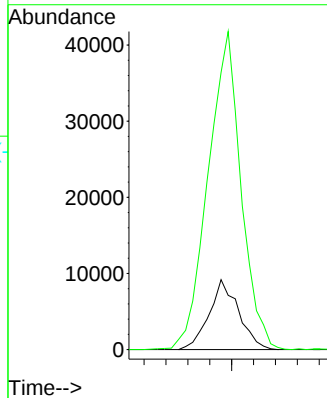
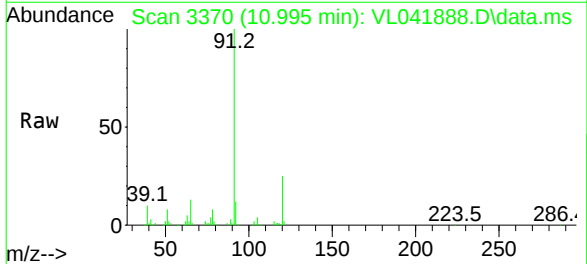
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

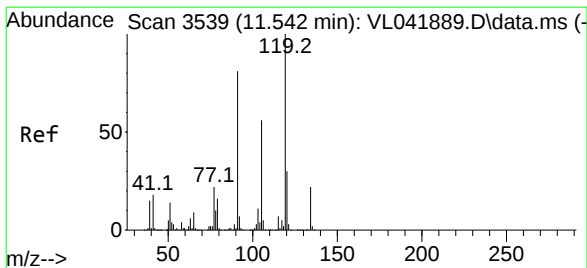
Tgt Ion: 83 Resp: 16637
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.4
85 65.6 32.4 97.2



#64
n-propylbenzene
Concen: 0.448 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 120 Resp: 8606
Ion Ratio Lower Upper
120 100
91 508.2 374.1 561.1





#65

tert-Butylbenzene

Concen: 0.479 ppbv

RT: 11.539 min Scan# 3539

Delta R.T. -0.003 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

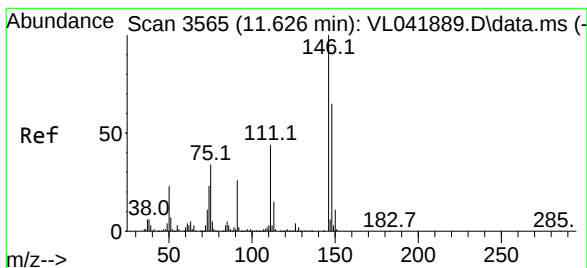
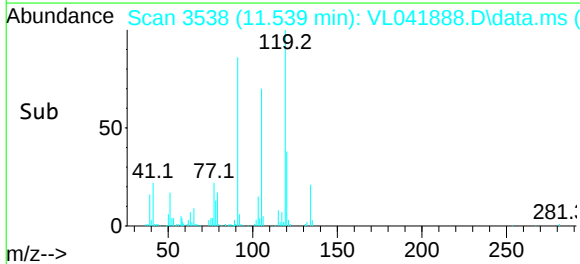
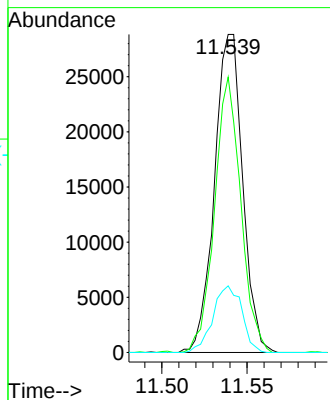
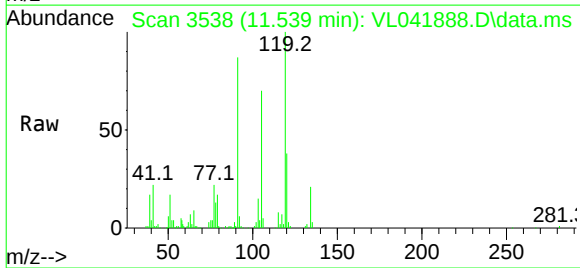
Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:	119	Resp:	33232
Ion	Ratio	Lower	Upper
119	100		
91	80.6	64.6	97.0
134	21.5	16.8	25.2



#66

Benzyl Chloride

Concen: 0.558 ppbv

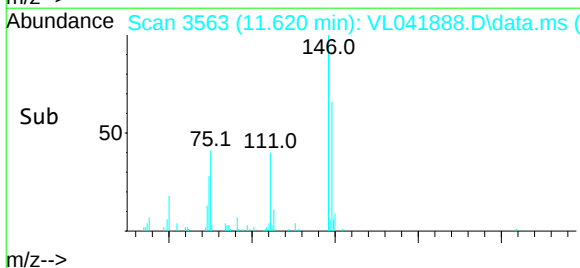
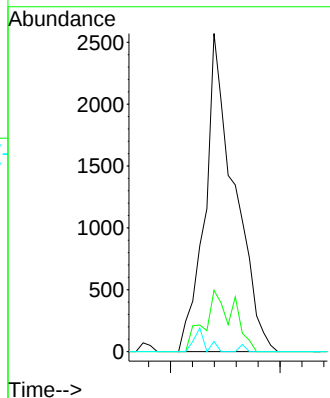
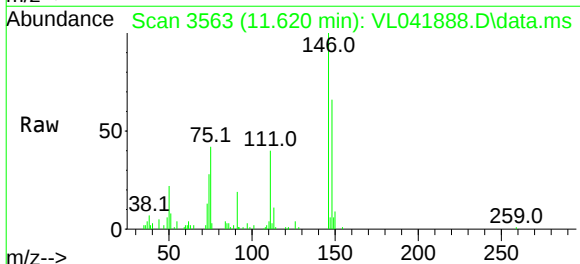
RT: 11.620 min Scan# 3563

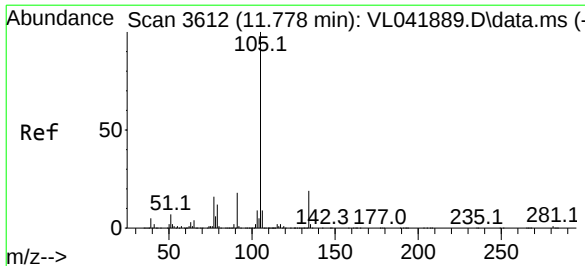
Delta R.T. -0.006 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Tgt Ion:	91	Resp:	2397
Ion	Ratio	Lower	Upper
91	100		
126	19.3	14.1	21.1
128	3.3	4.3	6.5





#67

sec-Butylbenzene

Concen: 0.497 ppbv

RT: 11.775 min Scan# 3612

Delta R.T. -0.003 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

ClientSampleId :

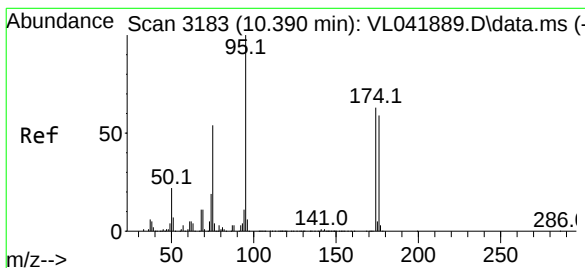
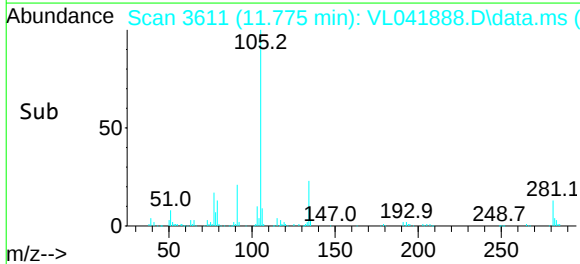
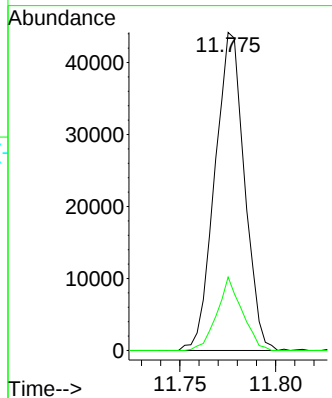
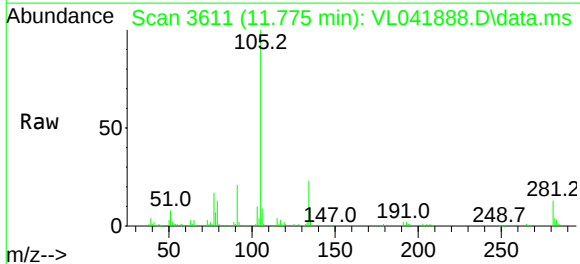
VSTDICC0.5

Tgt Ion:105 Resp: 47437

Ion Ratio Lower Upper

105 100

134 19.6 15.1 22.7



#68

1-Bromo-4-Fluorobenzene

Concen: 10.182 ppbv

RT: 10.383 min Scan# 3181

Delta R.T. -0.006 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

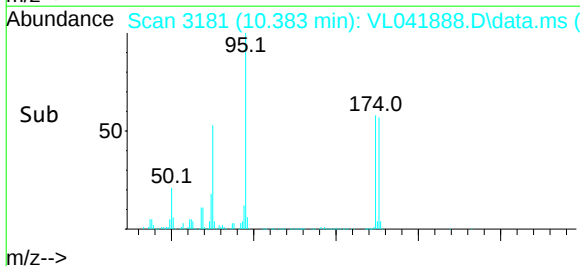
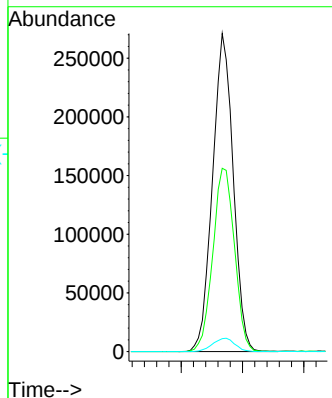
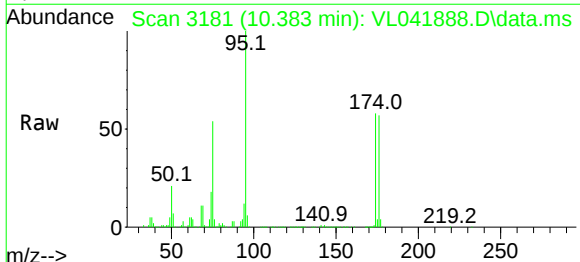
Tgt Ion: 95 Resp: 317243

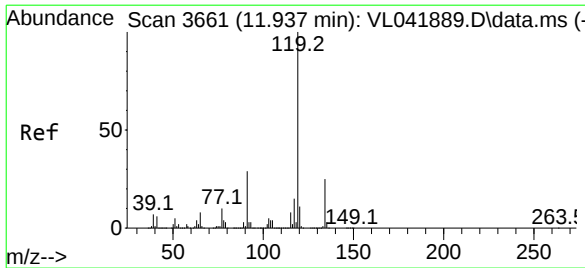
Ion Ratio Lower Upper

95 100

174 60.4 49.0 73.4

175 4.5 3.8 5.8





#69

p-Isopropyltoluene

Concen: 0.493 ppbv

RT: 11.934 min Scan# 3661

Delta R.T. -0.003 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

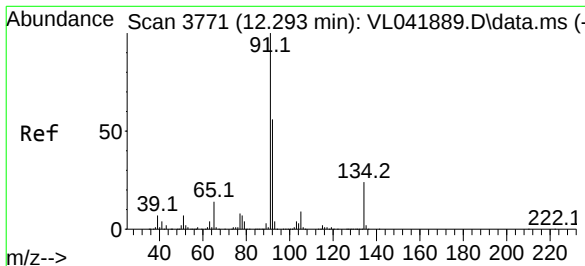
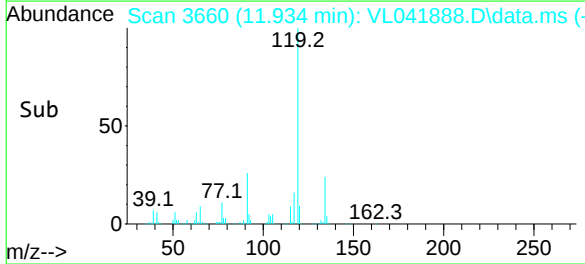
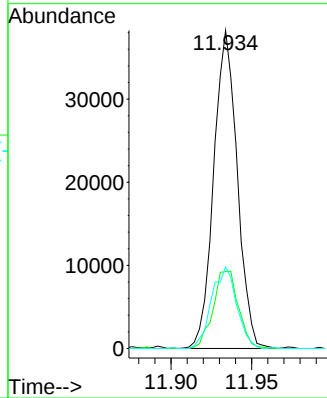
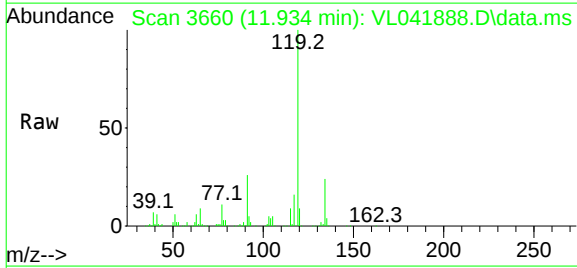
Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:	119	Resp:	38770
Ion	Ratio	Lower	Upper
119	100		
134	26.3	19.8	29.6
91	27.5	23.0	34.4



#70

n-Butylbenzene

Concen: 0.489 ppbv

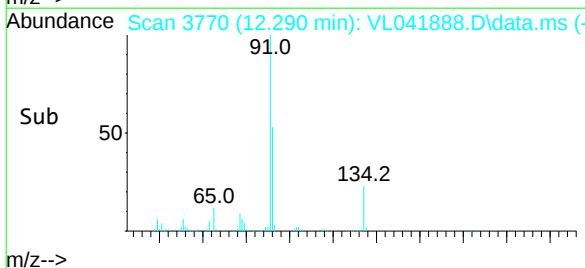
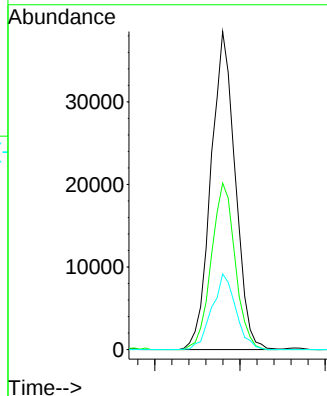
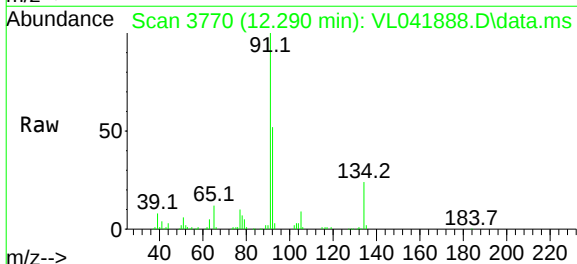
RT: 12.290 min Scan# 3770

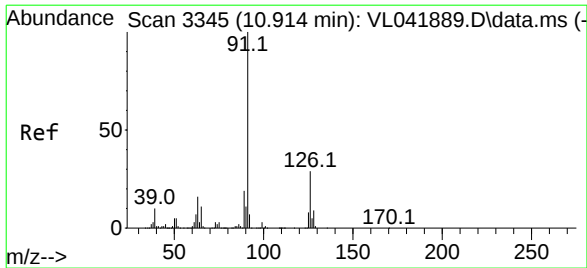
Delta R.T. -0.003 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Tgt Ion:	91	Resp:	38146
Ion	Ratio	Lower	Upper
91	100		
92	51.6	43.8	65.6
134	23.4	19.0	28.6

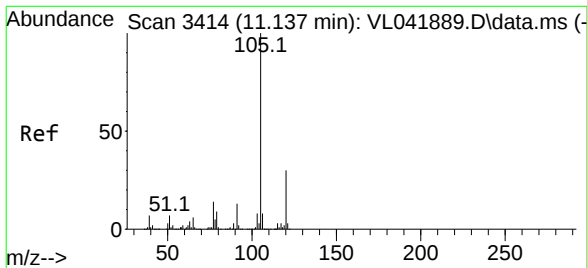
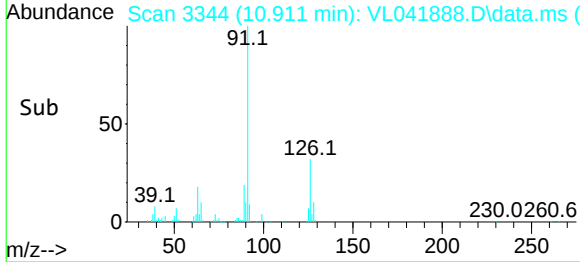
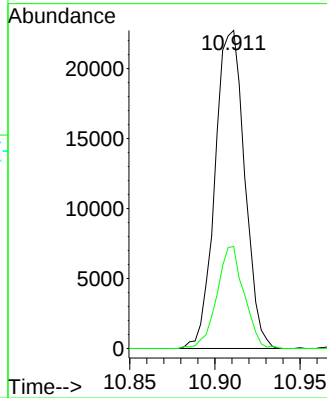
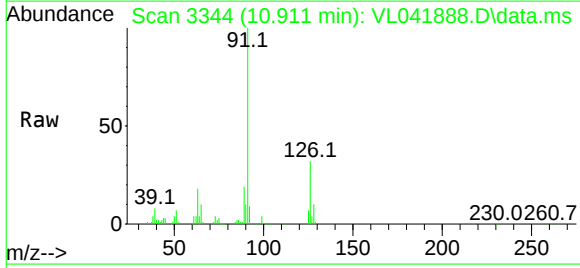




#71
2-Chlorotoluene
Concen: 0.489 ppbv
RT: 10.911 min Scan# 3345
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

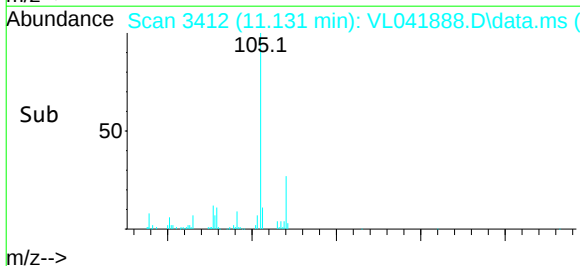
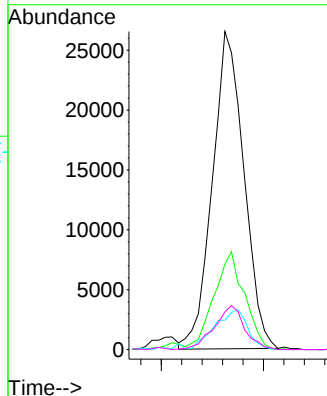
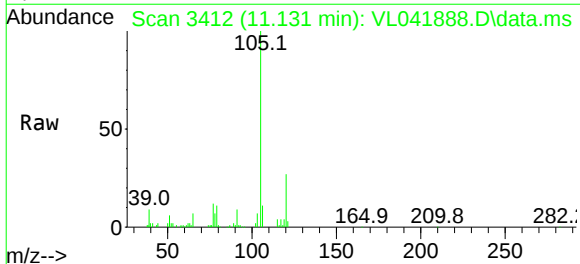
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

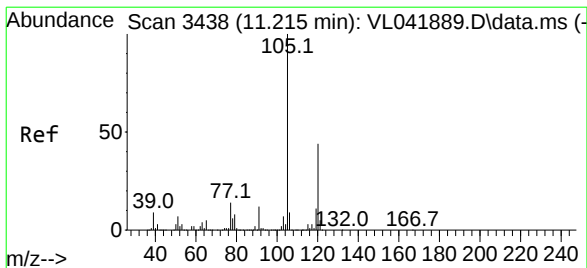
Tgt Ion: 91 Resp: 27534
Ion Ratio Lower Upper
91 100
126 29.5 11.7 46.7



#72
4-Ethyltoluene
Concen: 0.481 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion: 105 Resp: 28313
Ion Ratio Lower Upper
105 100
120 31.3 23.7 35.5
91 13.9 10.2 15.2
77 13.7 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 0.484 ppbv

RT: 11.209 min Scan# 3438

Delta R.T. -0.006 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

ClientSampleId :

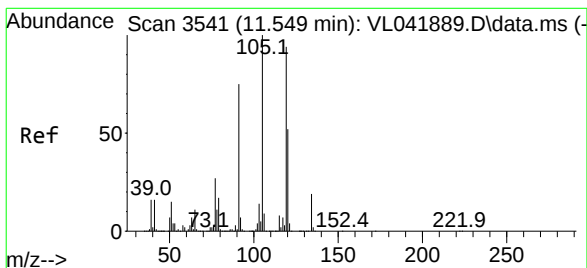
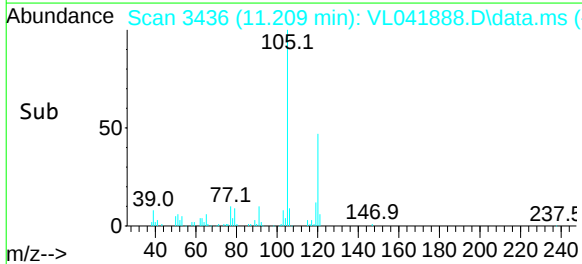
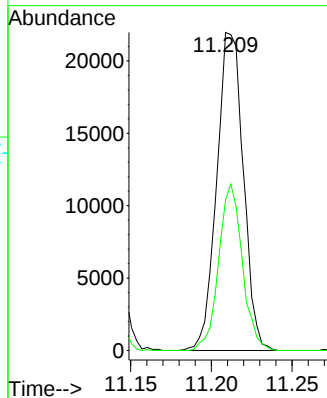
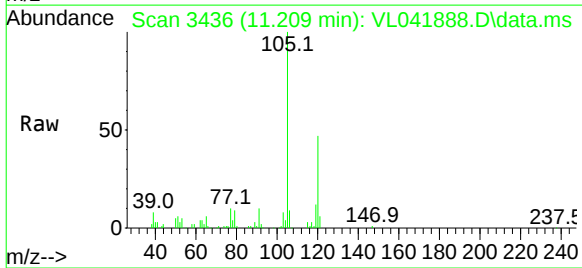
VSTDIC0.5

Tgt Ion:105 Resp: 25156

Ion Ratio Lower Upper

105 100

120 47.4 35.4 53.2



#74

1,2,4-Trimethylbenzene

Concen: 0.488 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. -0.006 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Tgt Ion:105 Resp: 27444

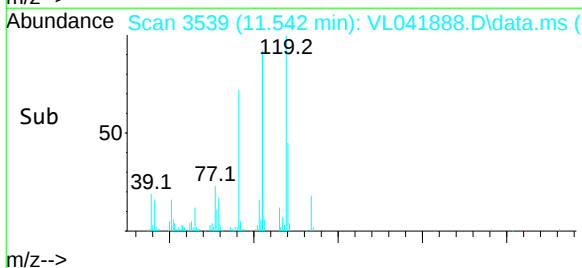
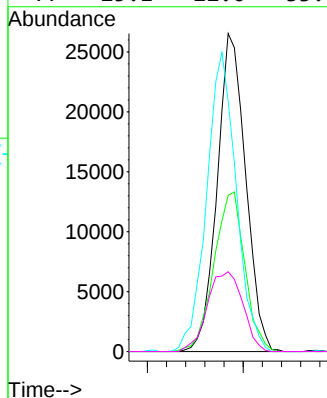
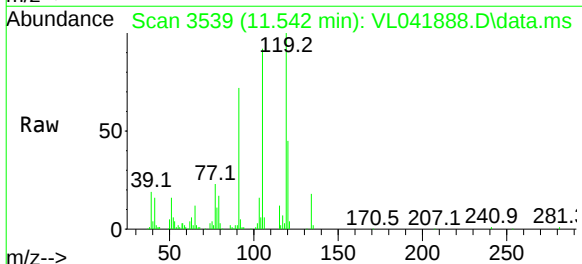
Ion Ratio Lower Upper

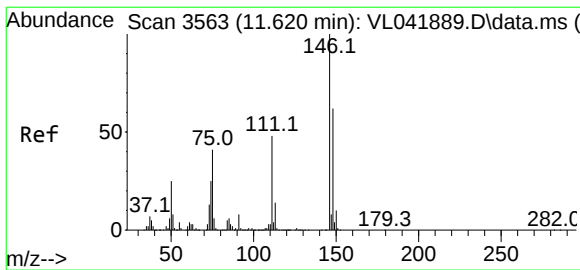
105 100

120 49.1 41.4 62.2

91 78.7 60.2 90.2

77 25.1 22.0 33.0

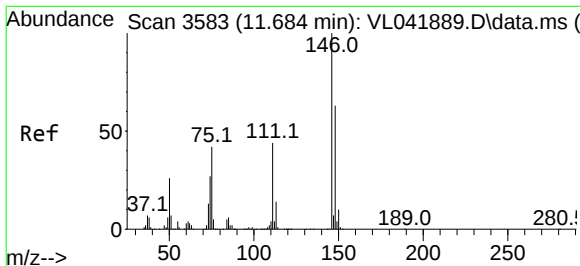
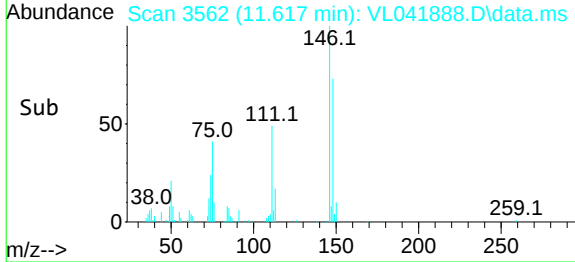
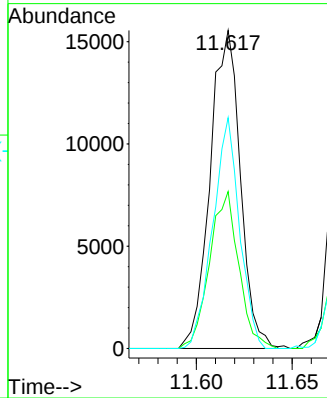
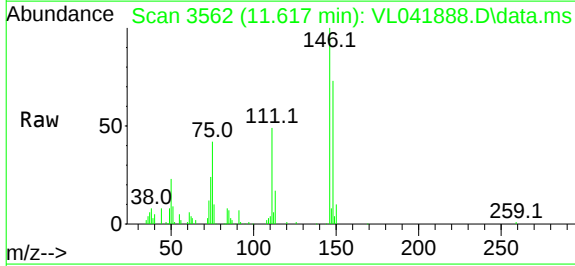




#75
1,3-Dichlorobenzene
Concen: 0.511 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. -0.003 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

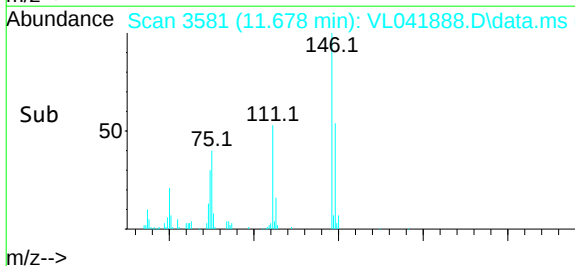
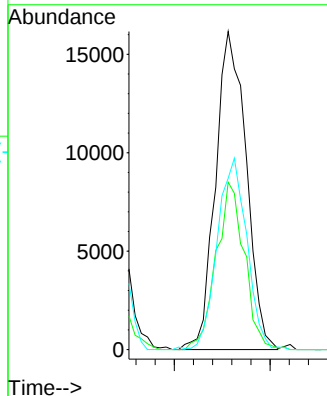
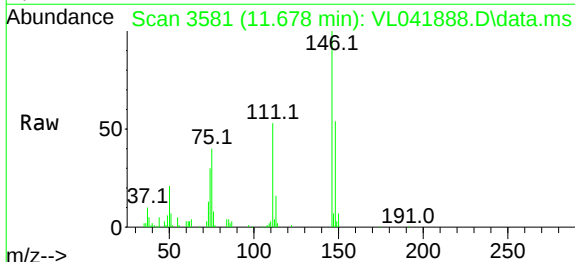
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

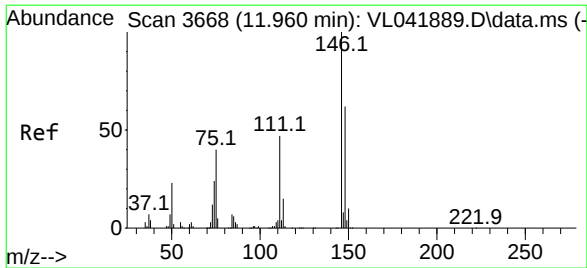
Tgt Ion:146 Resp: 17033
Ion Ratio Lower Upper
146 100
111 47.6 23.6 70.8
148 64.3 31.4 94.0



#76
1,4-Dichlorobenzene
Concen: 0.551 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.006 min
Lab File: VL041888.D
Acq: 14 Jan 2025 11:40

Tgt Ion:146 Resp: 17963
Ion Ratio Lower Upper
146 100
111 48.4 22.4 67.0
148 58.2 31.9 95.5





#77

1,2-Dichlorobenzene

Concen: 0.538 ppbv

RT: 11.953 min Scan# 3668

Delta R.T. -0.006 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

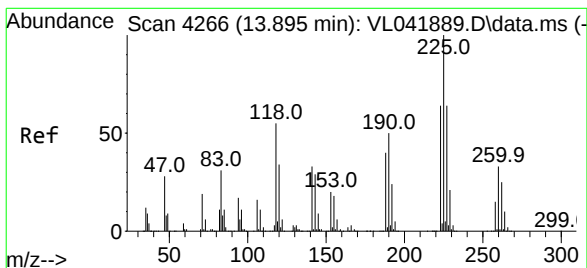
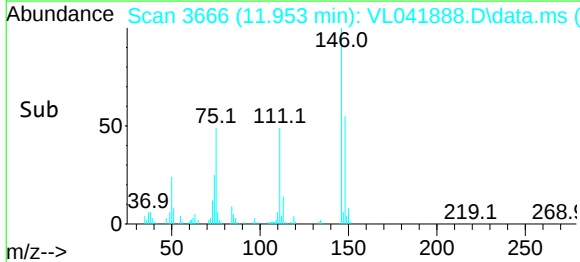
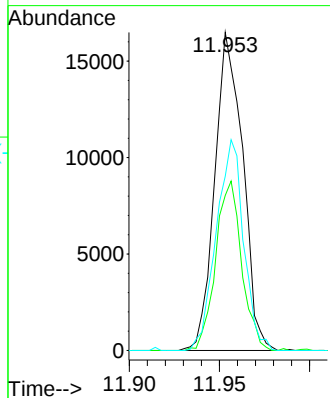
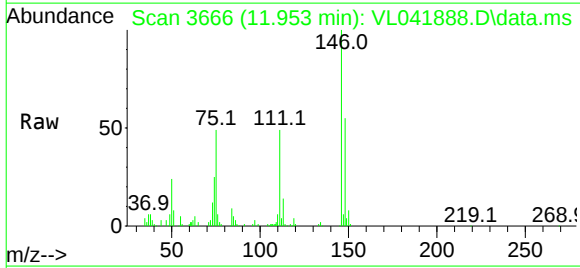
Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:	146	Resp:	17772
Ion Ratio	Lower	Upper	
146	100		
111	49.9	24.2	72.6
148	65.0	31.7	95.1



#78

Hexachloro-1,3-Butadiene

Concen: 0.487 ppbv

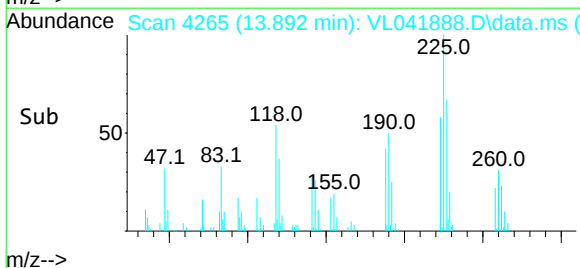
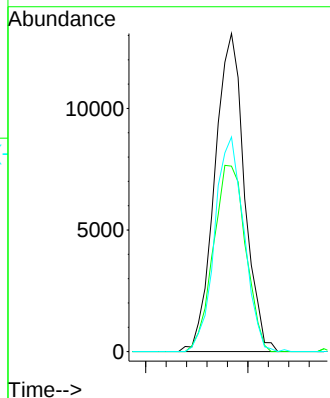
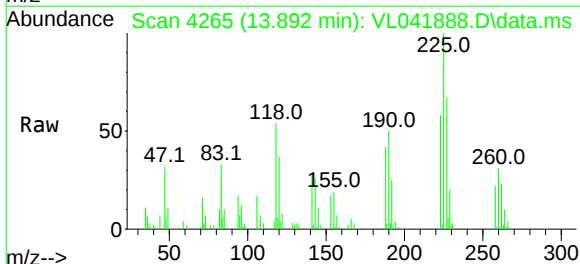
RT: 13.892 min Scan# 4265

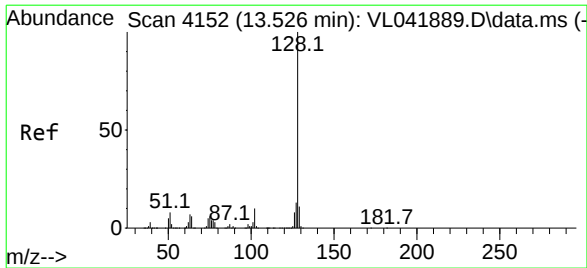
Delta R.T. -0.003 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Tgt Ion:	225	Resp:	13201
Ion Ratio	Lower	Upper	
225	100		
223	63.7	50.8	76.2
227	66.4	50.3	75.5





#79

Naphthalene

Concen: 0.577 ppbv

RT: 13.523 min Scan# 4151

Delta R.T. -0.003 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

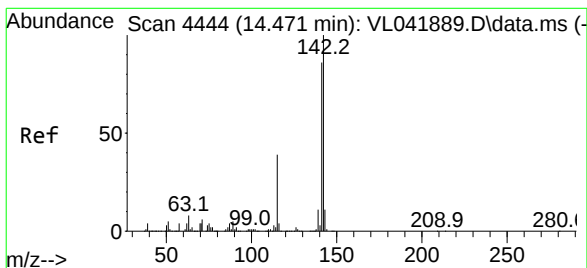
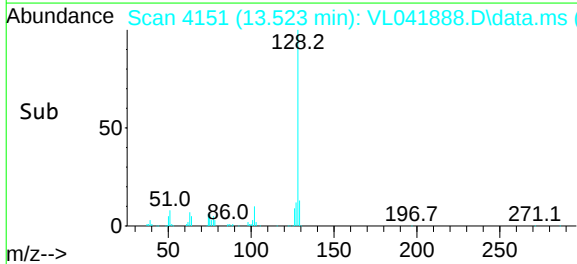
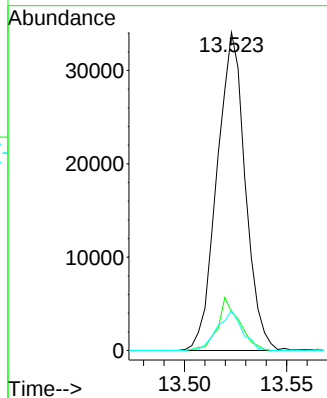
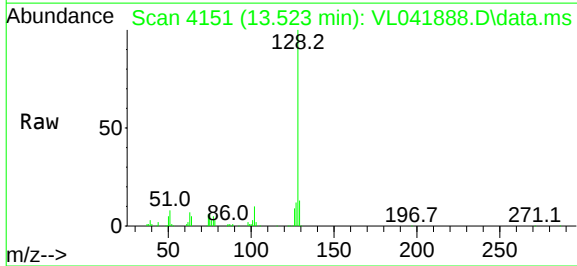
Tgt Ion:128 Resp: 32709

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.4

129 12.6 9.1 13.7



#80

Naphthalene, 2-methyl-

Concen: 0.595 ppbv

RT: 14.468 min Scan# 4443

Delta R.T. -0.003 min

Lab File: VL041888.D

Acq: 14 Jan 2025 11:40

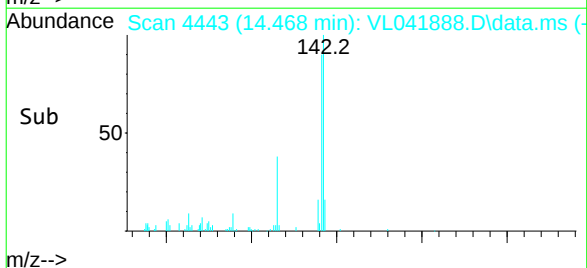
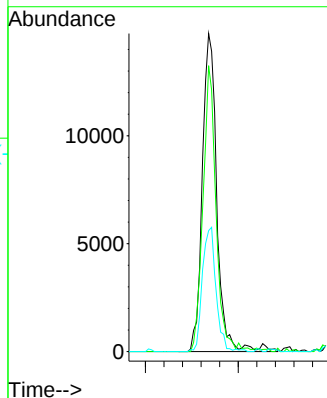
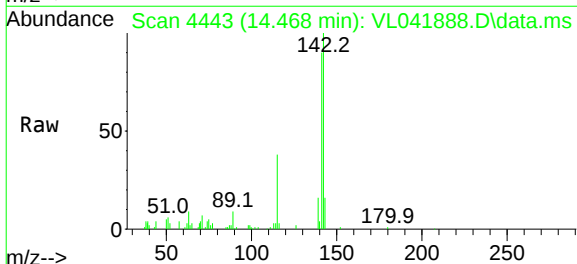
Tgt Ion:142 Resp: 15991

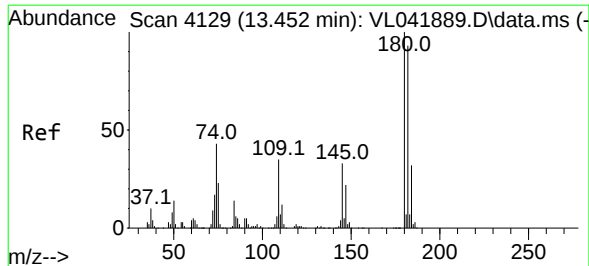
Ion Ratio Lower Upper

142 100

141 81.5 68.1 102.1

115 36.9 31.7 47.5





#81

1,2,4-Trichlorobenzene

Concen: 0.565 ppbv

RT: 13.452 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041888.D

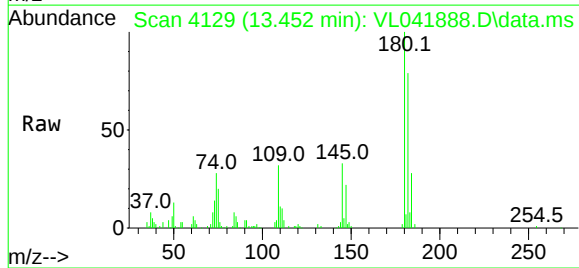
Acq: 14 Jan 2025 11:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5



Tgt Ion:180 Resp: 15628

Ion Ratio Lower Upper

180 100

182 88.9 77.0 115.6

184 30.0 24.9 37.3

