

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
 Data File : VL042466.D
 Acq On : 01 May 2025 14:10
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Quant Time: May 02 01:46:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 01:37:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.791	49	66546	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	186737	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	161050	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	148088	9.918	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	520	0.047	ppbv #	55
3) Chlorodifluoromethane	1.476	51	723	0.062	ppbv #	82
4) Chloromethane	1.535	50	208	0.045	ppbv #	53
5) Vinyl Chloride	1.580	62	151	0.033	ppbv #	87
6) Bromomethane	1.674	94	151	0.069	ppbv #	70
7) Chloroethane	1.703	64	89	0.052	ppbv #	43
8) Dichlorotetrafluoroethane	1.551	85	314	0.035	ppbv #	73
9) Propene	1.483	41	181	0.048	ppbv #	1
10) Heptane	4.982	43	134	0.014	ppbv #	49
11) Trichlorofluoromethane	1.881	101	398	0.041	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.137	101	238	0.029	ppbv #	16
13) Ethanol	1.891	45	576	0.745	ppbv #	37
14) Bromoethene	1.787	108	142	0.047	ppbv #	1
15) Acetone	1.839	43	1241	0.102	ppbv #	70
16) 1,3-Butadiene	1.606	39	249	0.046	ppbv #	51
17) tert-Butyl alcohol	2.046	59	565	0.053	ppbv #	79
18) 1,1-Dichloroethene	2.033	96	181	0.048	ppbv #	2
19) Isopropyl Alcohol	1.891	45	576	0.086	ppbv #	1
20) Methylene Chloride	2.062	84	763	0.209	ppbv #	91
21) Allyl Chloride	2.104	41	163	0.021	ppbv #	21
22) trans-1,2-Dichloroethene	2.347	96	57	0.013	ppbv	87
23) Vinyl Acetate	2.467	43	448	0.040	ppbv #	82
24) 1,1-Dichloroethane	2.412	63	353	0.039	ppbv #	90
25) Ethyl Acetate	2.842	43	145	0.007	ppbv #	75
26) Hexane	2.823	57	422	0.050	ppbv #	62
27) Carbon Disulfide	2.146	76	308	0.031	ppbv #	1
28) Methyl tert-Butyl Ether	2.441	73	23	0.005	ppbv #	1
29) Chloroform	2.794	83	33	0.002	ppbv	89
30) Cyclohexane	3.859	84	84	0.012	ppbv #	1
31) cis-1,2-Dichloroethene	2.729	61	37	0.004	ppbv #	1
32) 1,1,1-Trichloroethane	3.380	97	233	0.014	ppbv #	1
34) 2-Butanone	2.567	43	633	0.047	ppbv #	90
35) Carbon Tetrachloride	3.771	117	501	0.031	ppbv #	34
36) Benzene	3.655	78	265	0.015	ppbv #	70
37) 1,2-Dichloroethane	3.227	62	190	0.014	ppbv #	84
38) Trichloroethene	4.551	130	135	0.020	ppbv #	40
39) 1,2-Dichloropropane	3.962	63	53226	8.063	ppbv #	21
40) 1,4-Dioxane	4.603	88	36	0.012	ppbv #	100
41) Tetrahydrofuran	3.059	42	22	0.003	ppbv #	34
42) Bromodichloromethane	4.496	83	405	0.024	ppbv #	66
43) Methyl Methacrylate	4.888	69	18	0.003	ppbv #	1
44) 2,2,4-Trimethylpentane	4.645	57	259	0.009	ppbv #	1
45) t-1,3-Dichloropropene	6.432	75	77	0.009	ppbv #	72

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
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 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

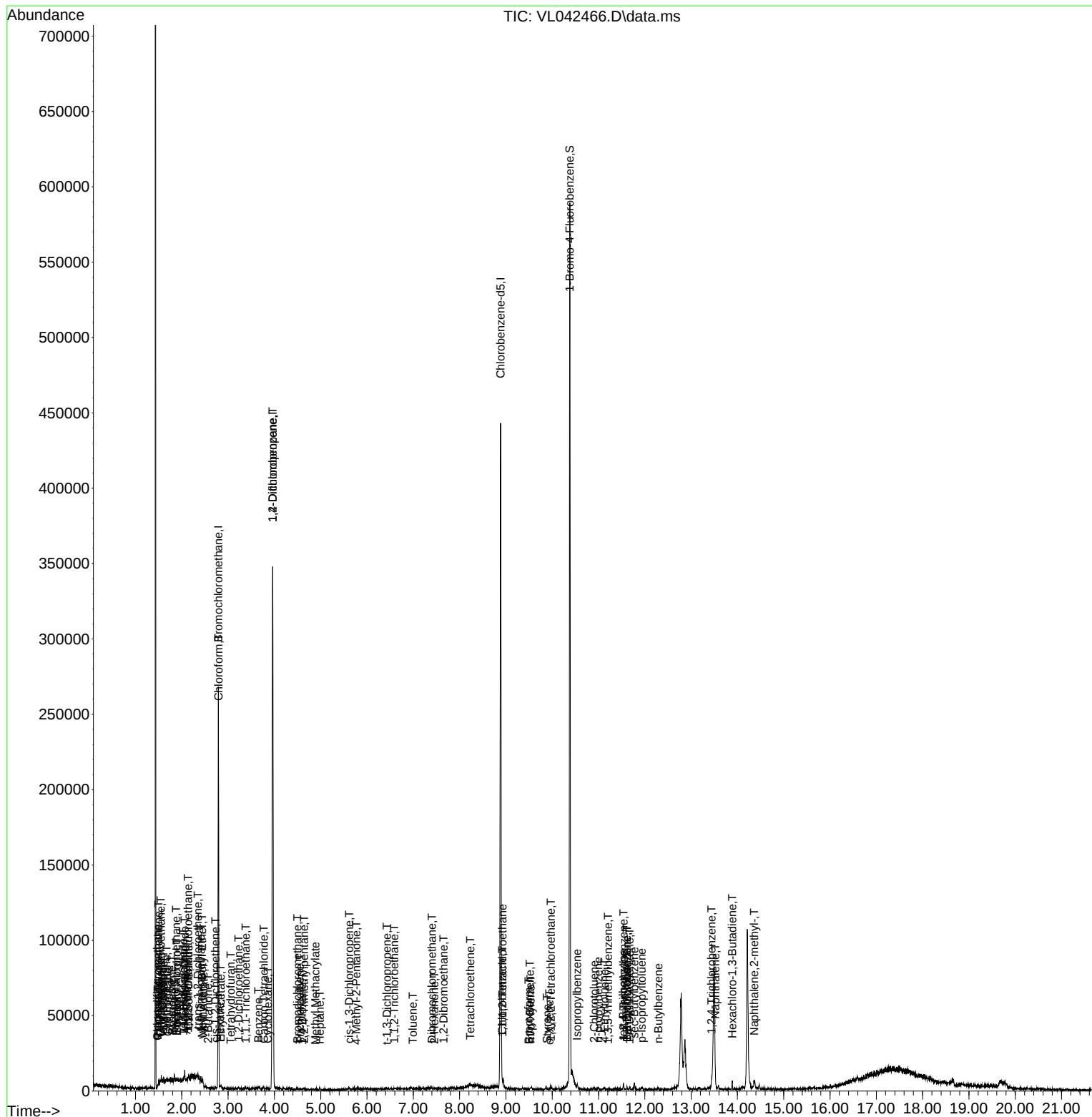
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 01:37:48 2025
 Response via : Initial Calibration

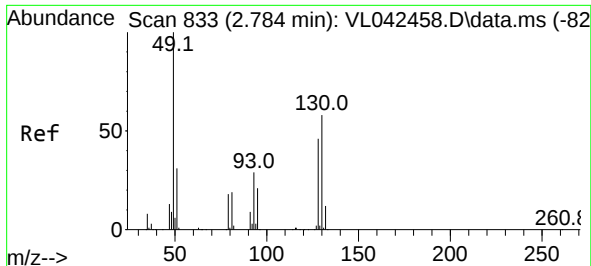
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.613	75	158	0.015	ppbv	#	77
47) 1,1,2-Trichloroethane	6.590	97	98	0.014	ppbv	#	52
48) Dibromochloromethane	7.399	129	75	0.006	ppbv	#	10
49) Bromoform	9.490	173	176	0.017	ppbv	#	28
50) 4-Methyl-2-Pentanone	5.771	43	74	0.004	ppbv	#	48
51) 2-Hexanone	7.451	43	10	0.001	ppbv	#	31
52) Tetrachloroethene	8.231	164	176	0.026	ppbv	#	42
53) Toluene	6.988	91	51	0.003	ppbv		91
54) 1,2-Dibromoethane	7.655	107	110	0.010	ppbv		97
56) 1,1,1,2-Tetrachloroethane	8.924	131	100	0.011	ppbv	#	10
57) Chlorobenzene	8.921	112	413	0.026	ppbv	#	59
58) Ethyl Benzene	9.519	91	94	0.003	ppbv		95
59) m/p-Xylene	9.532	91	367	0.016	ppbv	#	33
60) o-Xylene	9.940	91	59	0.003	ppbv		88
61) Styrene	9.888	104	103	0.012	ppbv	#	44
62) Isopropylbenzene	10.539	105	978	0.030	ppbv		95
63) 1,1,2,2-Tetrachloroethane	9.973	83	354	0.024	ppbv	#	67
64) n-propylbenzene	10.995	120	70	0.009	ppbv	#	1
65) tert-Butylbenzene	11.533	119	355	0.012	ppbv	#	10
66) Benzyl Chloride	11.617	91	55	0.016	ppbv	#	67
67) sec-Butylbenzene	11.772	105	635	0.015	ppbv	#	90
69) p-Isopropyltoluene	11.934	119	606	0.017	ppbv	#	74
70) n-Butylbenzene	12.290	91	192	0.005	ppbv	#	44
71) 2-Chlorotoluene	10.908	91	362	0.014	ppbv		91
72) 4-Ethyltoluene	11.128	105	148	0.006	ppbv	#	1
73) 1,3,5-Trimethylbenzene	11.209	105	307	0.013	ppbv	#	18
74) 1,2,4-Trimethylbenzene	11.542	105	424	0.015	ppbv	#	62
75) 1,3-Dichlorobenzene	11.614	146	362	0.023	ppbv		72
76) 1,4-Dichlorobenzene	11.669	146	97	0.006	ppbv	#	1
77) 1,2-Dichlorobenzene	11.614	146	362	0.023	ppbv		71
78) Hexachloro-1,3-Butadiene	13.886	225	344	0.022	ppbv	#	19
79) Naphthalene	13.520	128	497	0.021	ppbv	#	89
80) Naphthalene,2-methyl-	14.361	142	3971	0.224	ppbv		98
81) 1,2,4-Trichlorobenzene	13.442	180	384	0.030	ppbv	#	73

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

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MSVOA_L
ClientSampleId :
VSTDICC0.03

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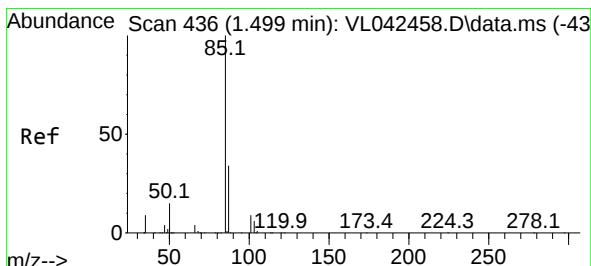
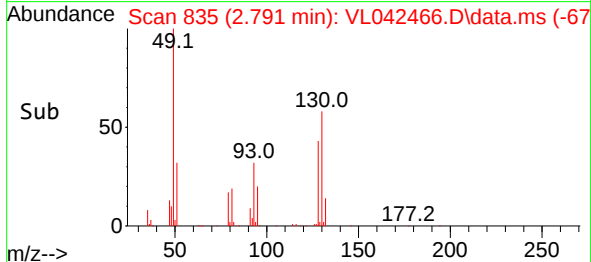
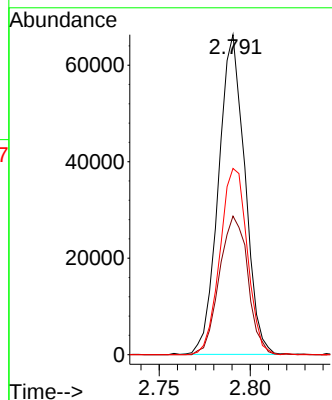
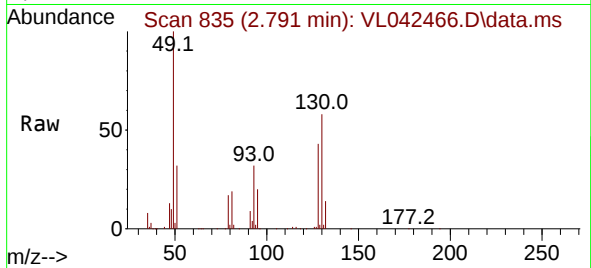




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.791 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

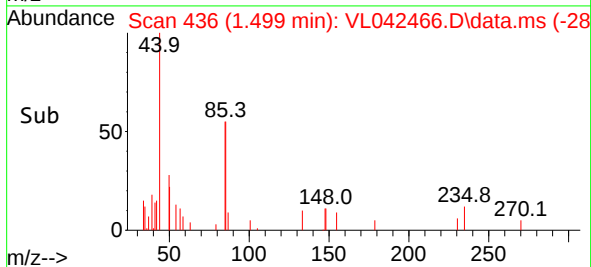
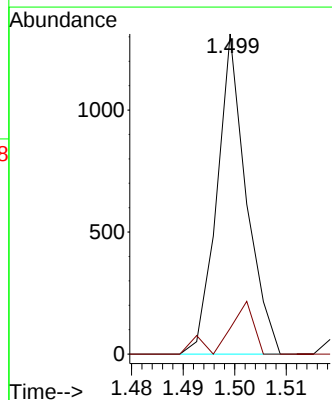
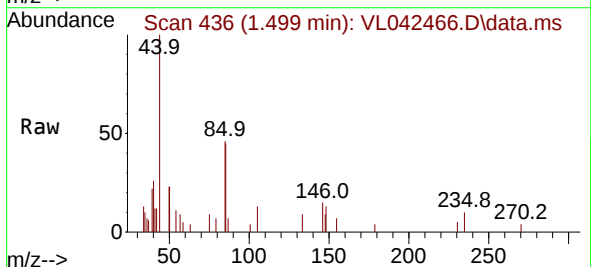
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

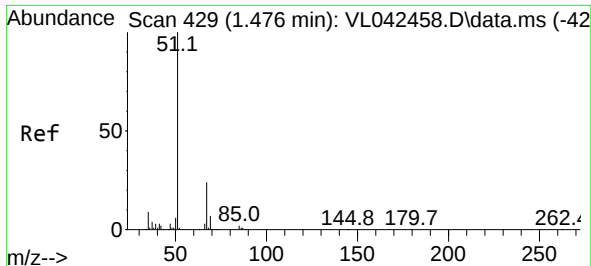
Tgt Ion: 49 Resp: 66546
Ion Ratio Lower Upper
49 100
128 46.8 23.3 69.9
130 60.5 29.5 88.6



#2
Dichlorodifluoromethane
Concen: 0.047 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion: 85 Resp: 520
Ion Ratio Lower Upper
85 100
87 8.0 26.9 40.3#

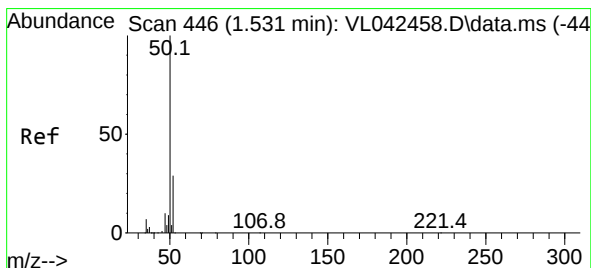
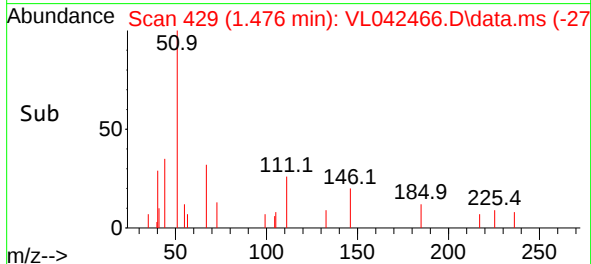
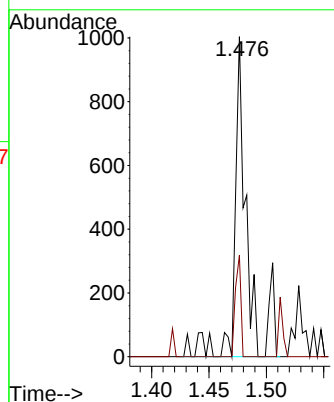
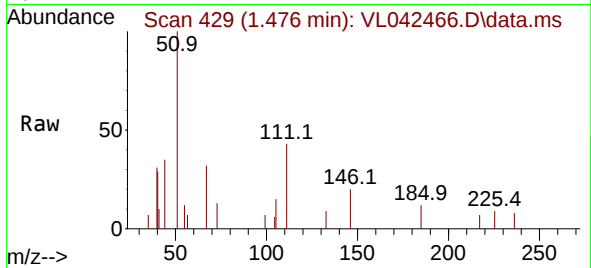




#3
Chlorodifluoromethane
Concen: 0.062 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

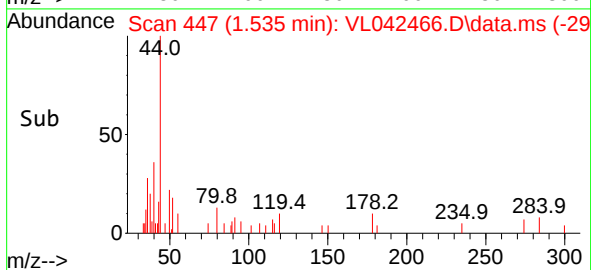
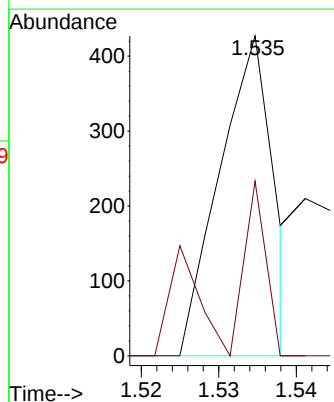
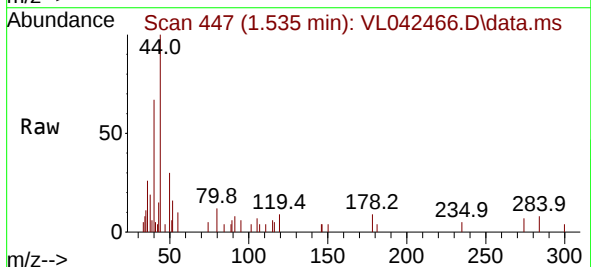
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

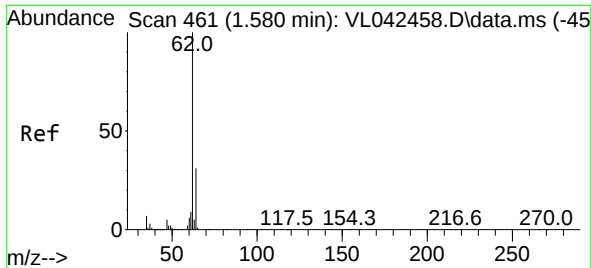
Tgt Ion: 51 Resp: 723
Ion Ratio Lower Upper
51 100
67 14.4 18.4 27.6#



#4
Chloromethane
Concen: 0.045 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.004 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion: 50 Resp: 208
Ion Ratio Lower Upper
50 100
52 54.6 23.5 35.3#

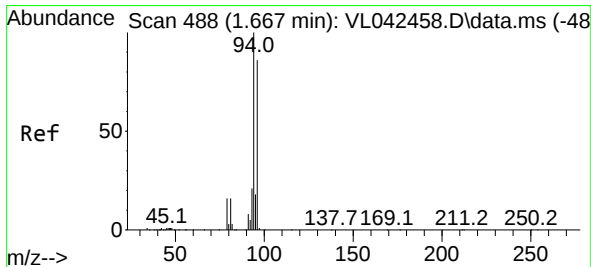
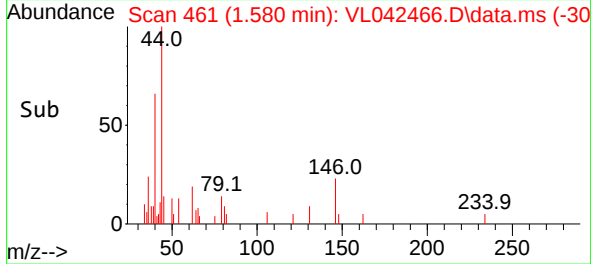
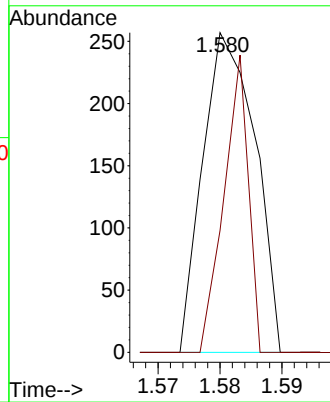
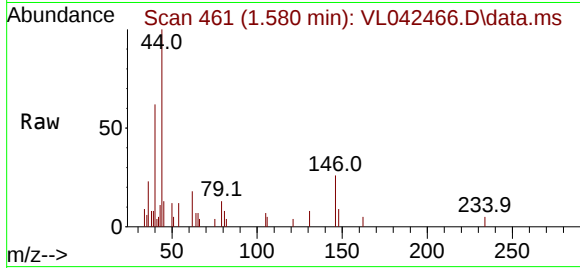




#5
 Vinyl Chloride
 Concen: 0.033 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042466.D
 Acq: 01 May 2025 14:10

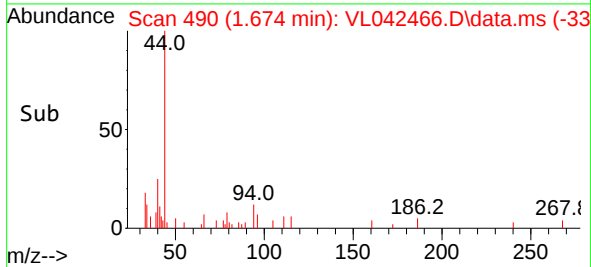
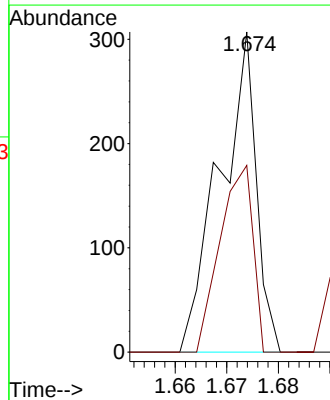
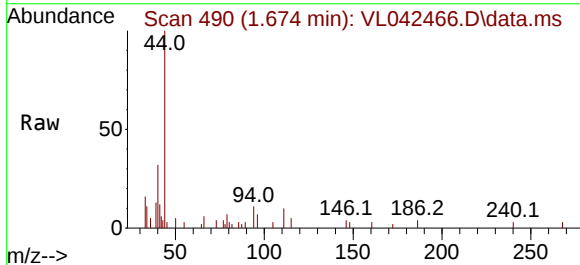
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

Tgt Ion: 62 Resp: 151
 Ion Ratio Lower Upper
 62 100
 64 38.1 24.9 37.3#



#6
 Bromomethane
 Concen: 0.069 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.007 min
 Lab File: VL042466.D
 Acq: 01 May 2025 14:10

Tgt Ion: 94 Resp: 151
 Ion Ratio Lower Upper
 94 100
 96 58.3 68.8 103.2#

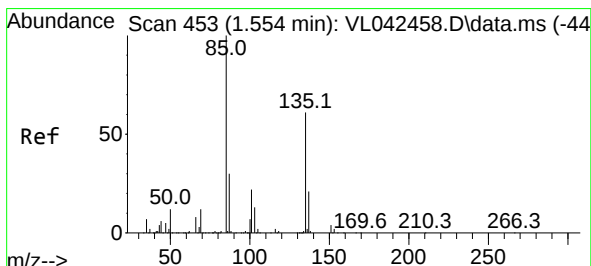
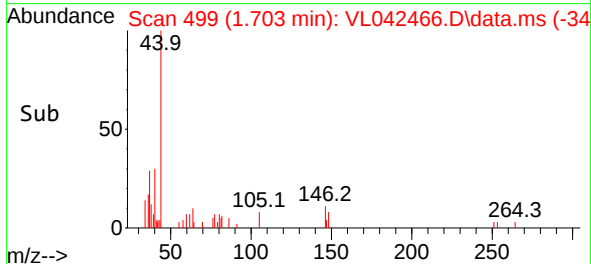
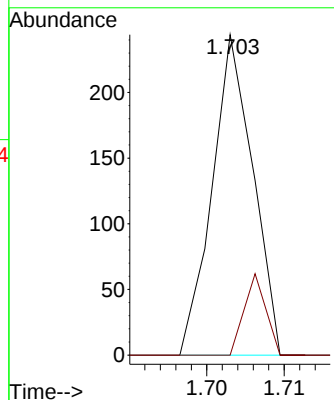
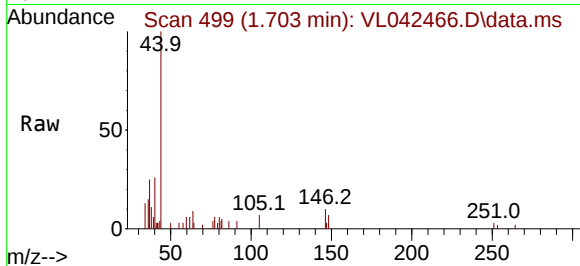




#7
Chloroethane
Concen: 0.052 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

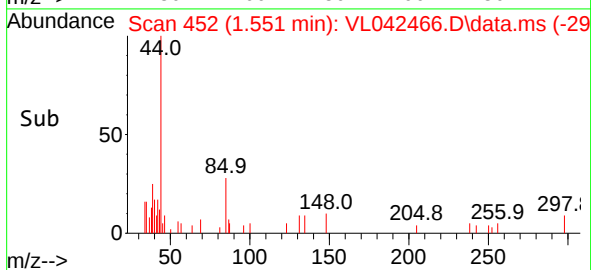
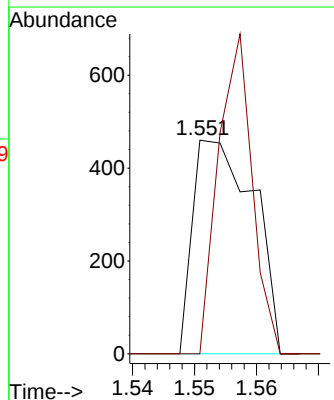
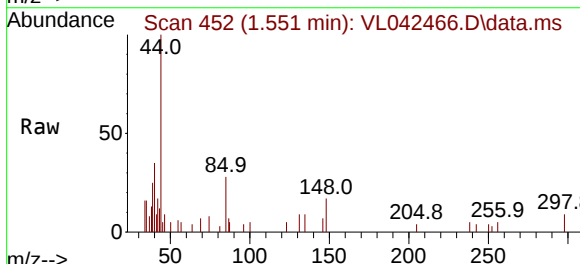
Instrument :
MSVOA_L
ClientSampleId :
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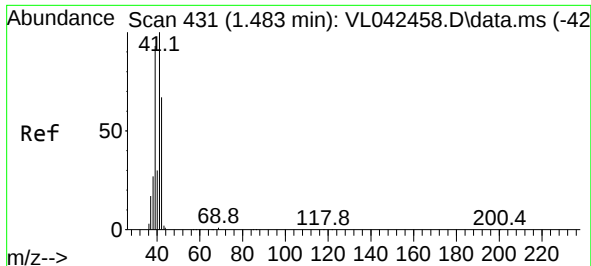
Tgt Ion: 64 Resp: 89
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#8
Dichlorotetrafluoroethane
Concen: 0.035 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.003 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion: 85 Resp: 314
Ion Ratio Lower Upper
85 100
135 82.8 49.8 74.8#





#9

Propene

Concen: 0.048 ppbv

RT: 1.483 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

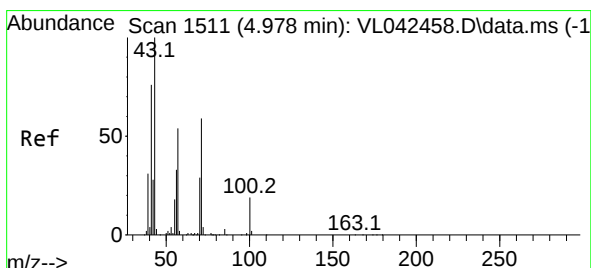
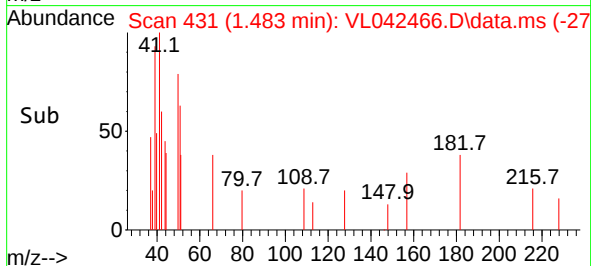
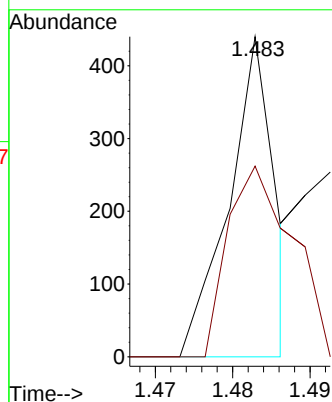
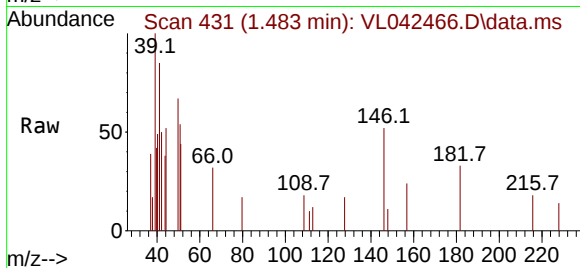
VSTDICC0.03

Tgt Ion: 41 Resp: 181

Ion Ratio Lower Upper

41 100

42 188.4 54.3 81.5#



#10

Heptane

Concen: 0.014 ppbv

RT: 4.982 min Scan# 1512

Delta R.T. 0.004 min

Lab File: VL042466.D

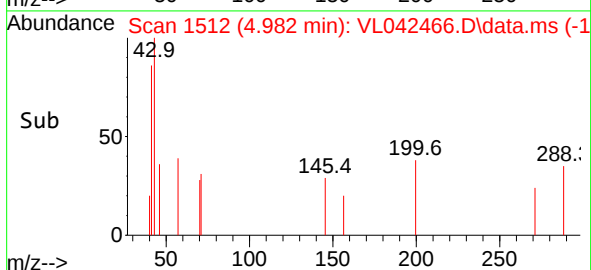
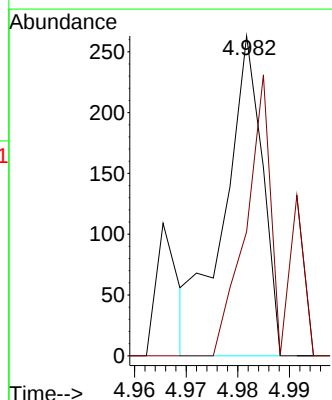
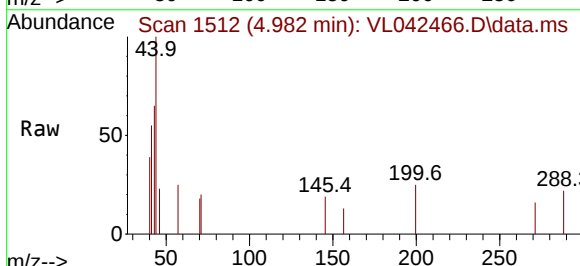
Acq: 01 May 2025 14:10

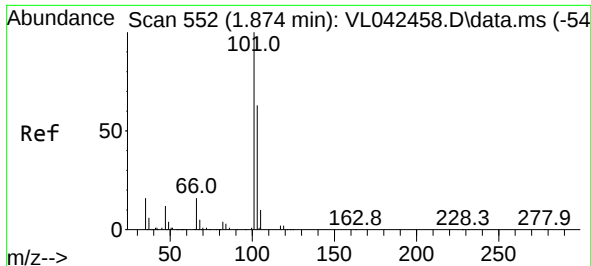
Tgt Ion: 43 Resp: 134

Ion Ratio Lower Upper

43 100

57 88.1 41.8 62.8#

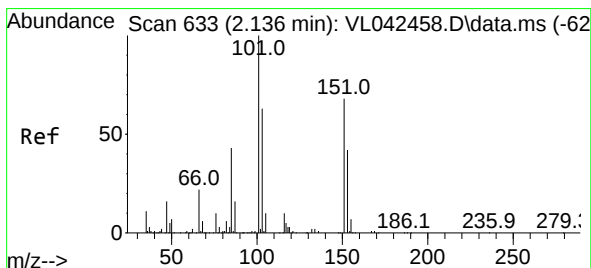
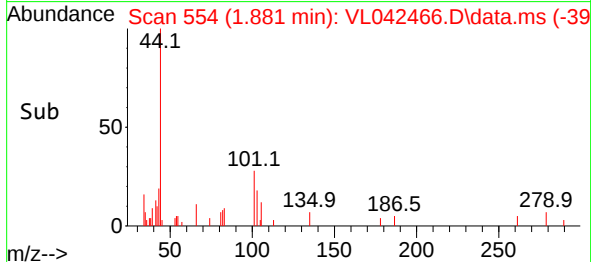
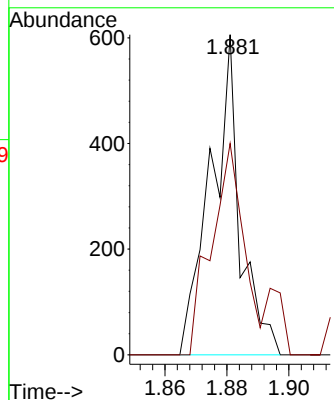
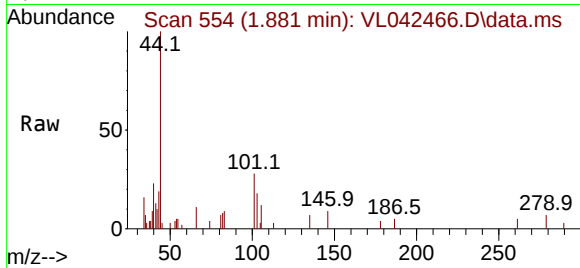




#11
 Trichlorofluoromethane
 Concen: 0.041 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. 0.007 min
 Lab File: VL042466.D
 Acq: 01 May 2025 14:10

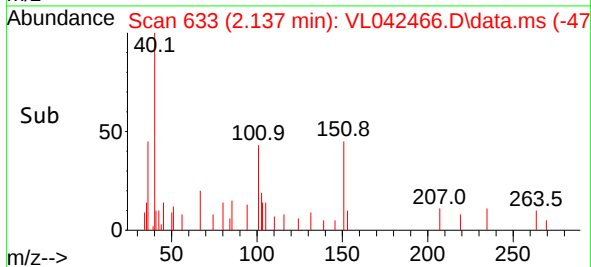
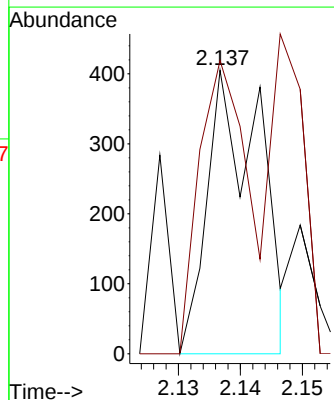
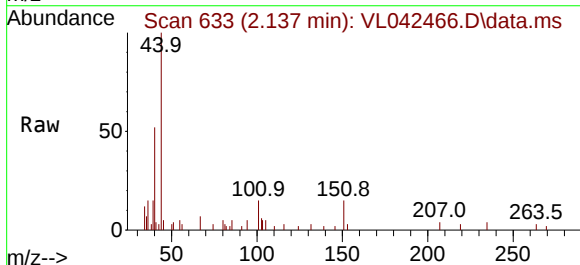
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

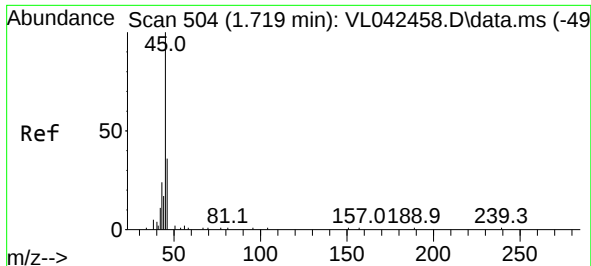
Tgt Ion:101 Resp: 398
 Ion Ratio Lower Upper
 101 100
 103 66.0 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.029 ppbv
 RT: 2.137 min Scan# 633
 Delta R.T. 0.000 min
 Lab File: VL042466.D
 Acq: 01 May 2025 14:10

Tgt Ion:101 Resp: 238
 Ion Ratio Lower Upper
 101 100
 151 0.0 54.6 82.0#

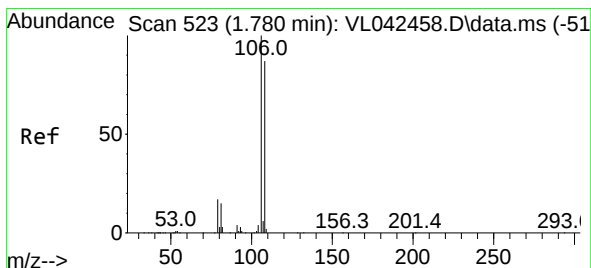
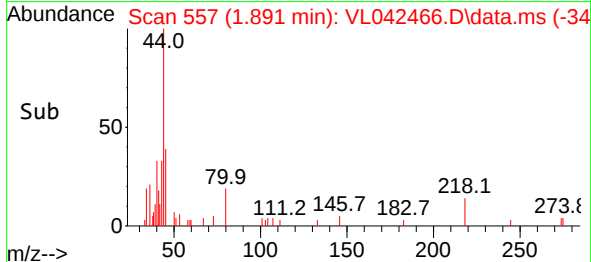
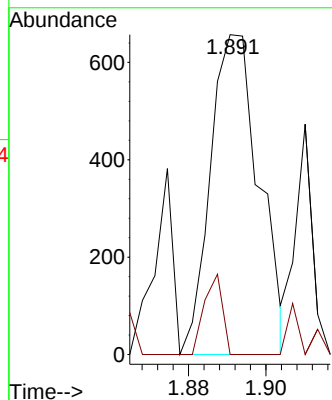
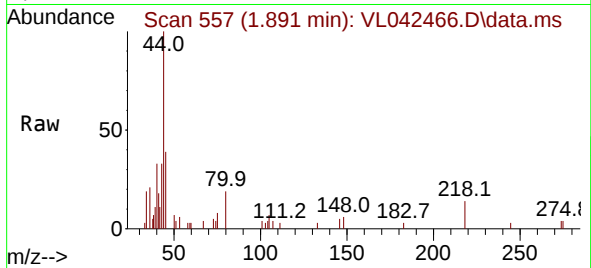




#13
Ethanol
Concen: 0.745 ppbv
RT: 1.891 min Scan# 51
Delta R.T. 0.172 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

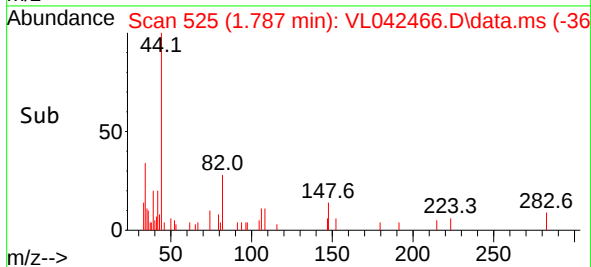
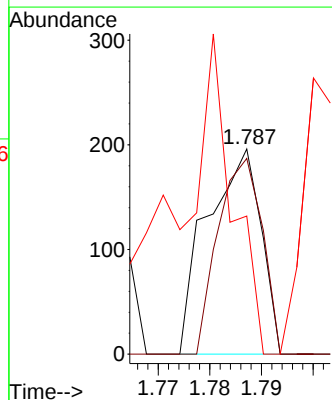
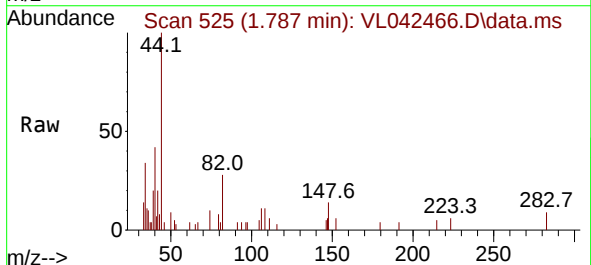
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

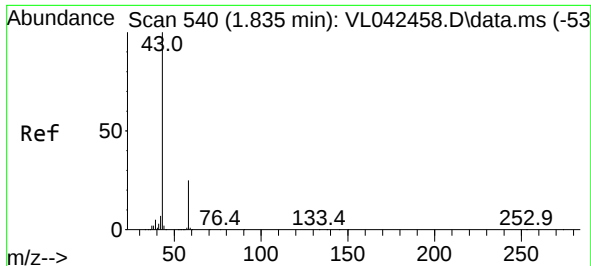
Tgt Ion: 45 Resp: 576
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.1#



#14
Bromoethene
Concen: 0.047 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.007 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion:108 Resp: 142
Ion Ratio Lower Upper
108 100
106 78.2 88.8 133.2#
79 244.4 17.1 25.7#





#15

Acetone

Concen: 0.102 ppbv

RT: 1.839 min Scan# 541

Delta R.T. 0.004 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

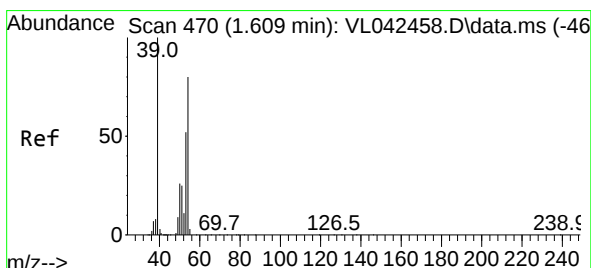
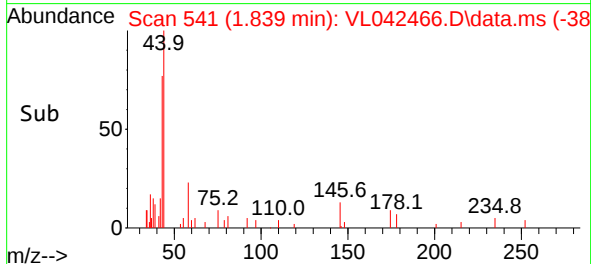
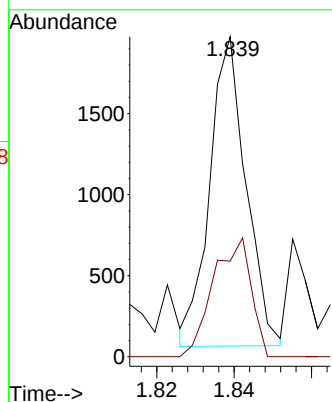
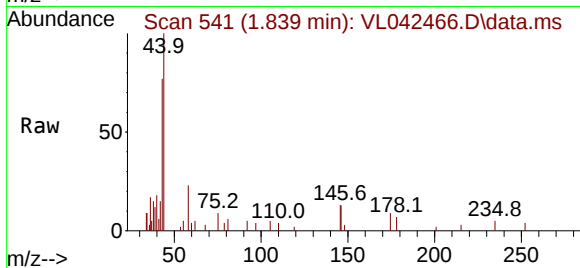
VSTDICC0.03

Tgt Ion: 43 Resp: 1241

Ion Ratio Lower Upper

43 100

58 40.0 19.8 29.8#



#16

1,3-Butadiene

Concen: 0.046 ppbv

RT: 1.606 min Scan# 469

Delta R.T. -0.003 min

Lab File: VL042466.D

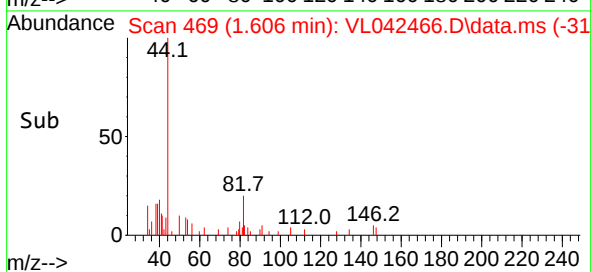
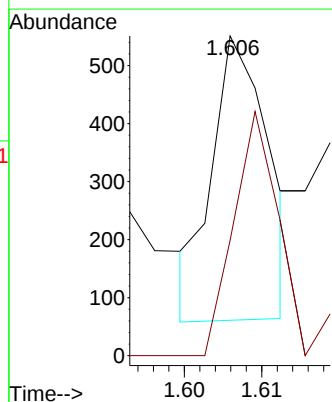
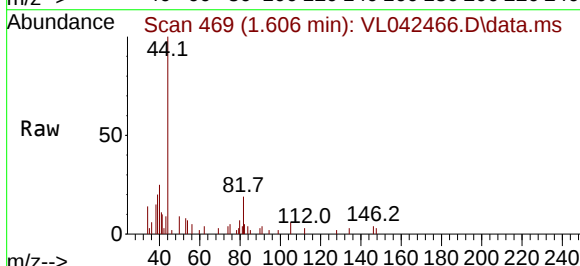
Acq: 01 May 2025 14:10

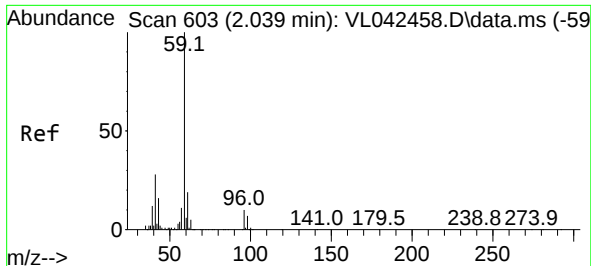
Tgt Ion: 39 Resp: 249

Ion Ratio Lower Upper

39 100

54 109.2 55.2 82.8#





#17

tert-Butyl alcohol

Concen: 0.053 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.007 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

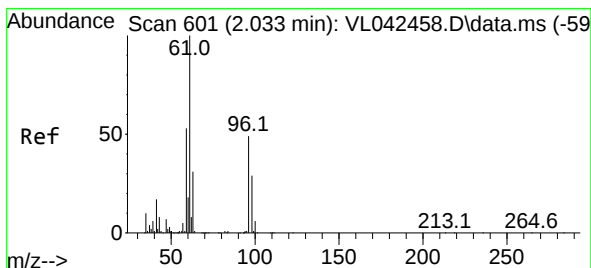
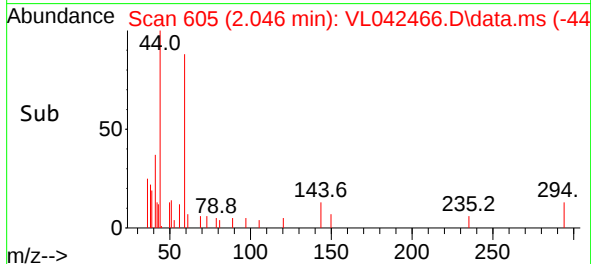
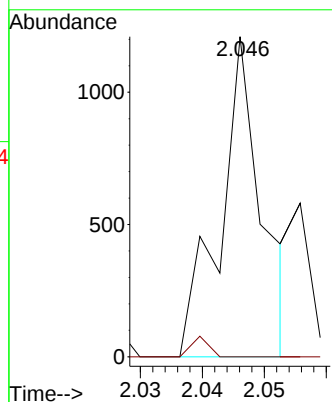
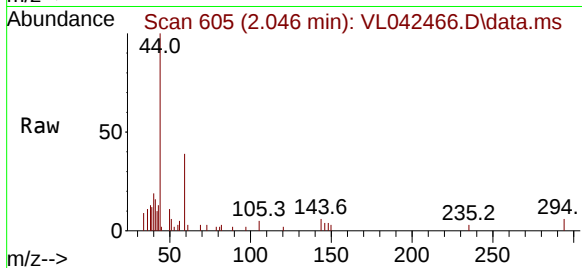
VSTDICC0.03

Tgt Ion: 59 Resp: 565

Ion Ratio Lower Upper

59 100

57 2.7 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 0.048 ppbv

RT: 2.033 min Scan# 601

Delta R.T. 0.000 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

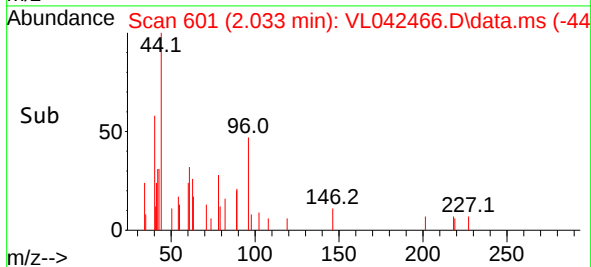
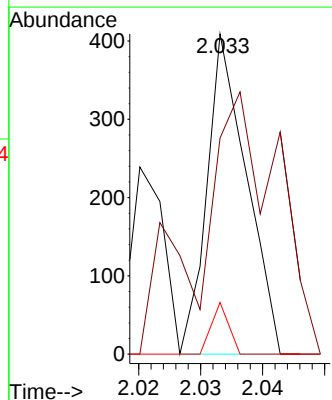
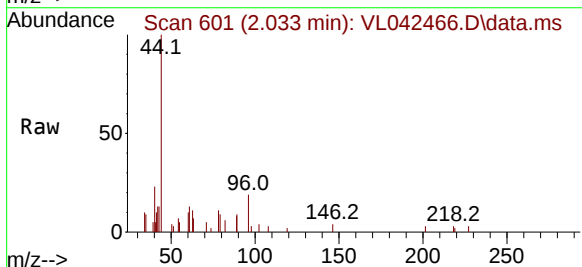
Tgt Ion: 96 Resp: 181

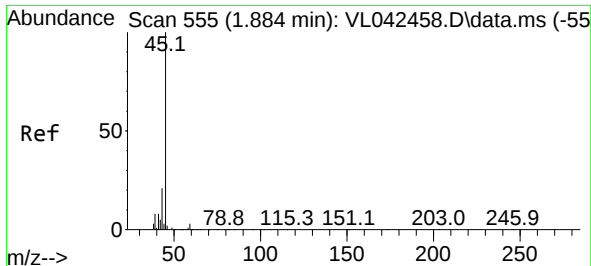
Ion Ratio Lower Upper

96 100

61 36.7 164.9 247.3#

98 16.1 48.2 72.2#

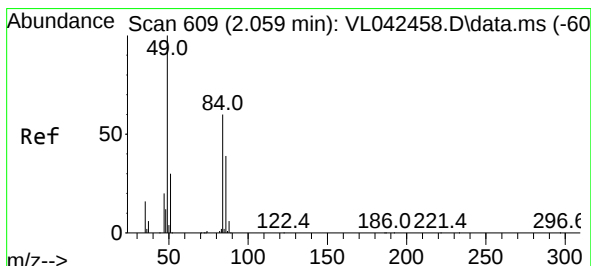
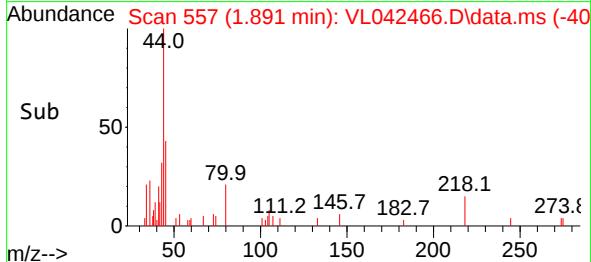
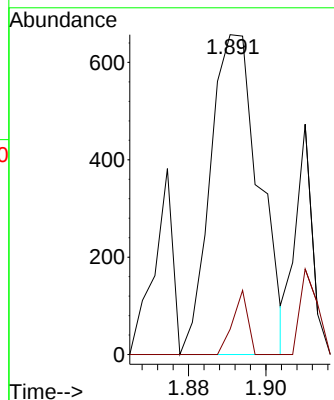
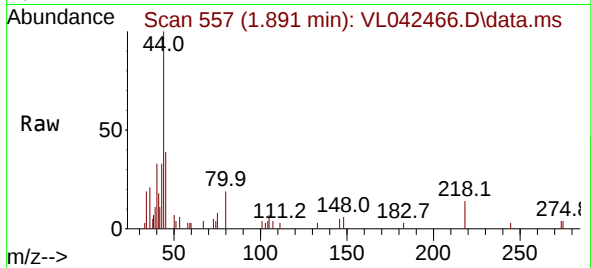




#19
Isopropyl Alcohol
Concen: 0.086 ppbv
RT: 1.891 min Scan# 51
Delta R.T. 0.007 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

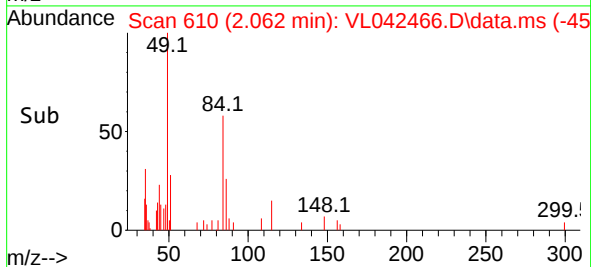
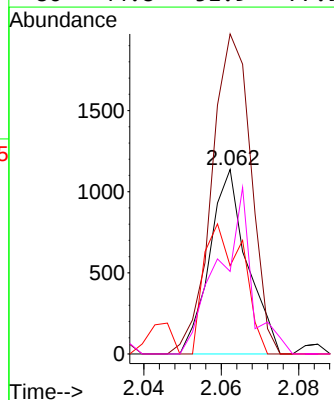
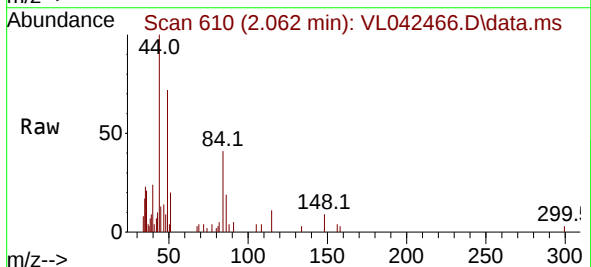
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

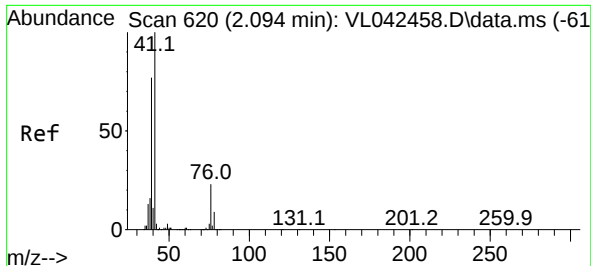
Tgt Ion: 45 Resp: 576
Ion Ratio Lower Upper
45 100
58 86.3 1.6 2.4#



#20
Methylene Chloride
Concen: 0.209 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.004 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion: 84 Resp: 763
Ion Ratio Lower Upper
84 100
49 173.4 133.9 200.9
51 47.8 41.0 61.6
86 44.8 51.9 77.9#

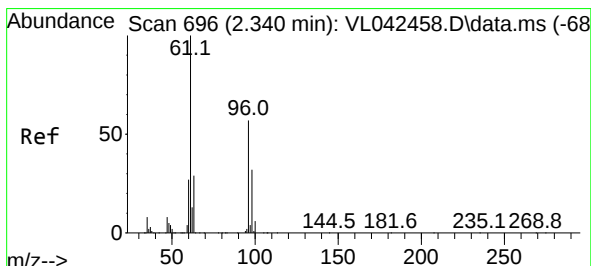
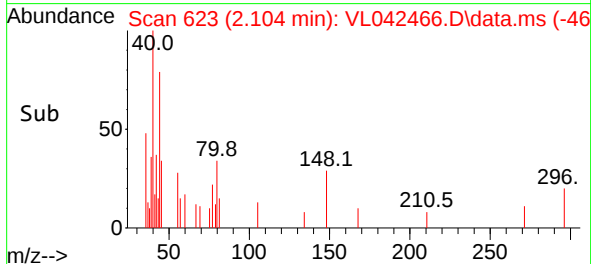
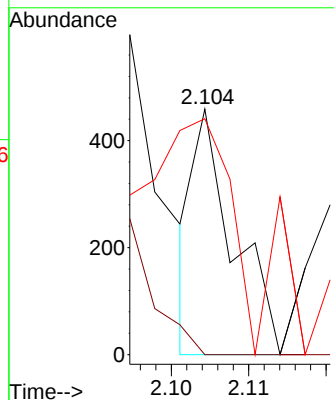
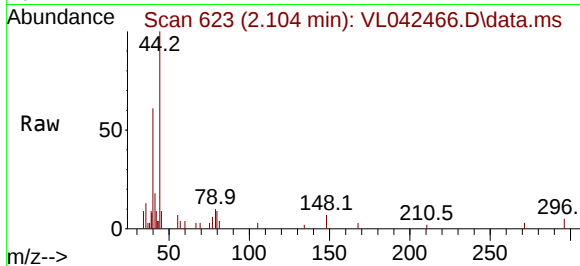




#21
 Allyl Chloride
 Concen: 0.021 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VL042466.D
 Acq: 01 May 2025 14:10

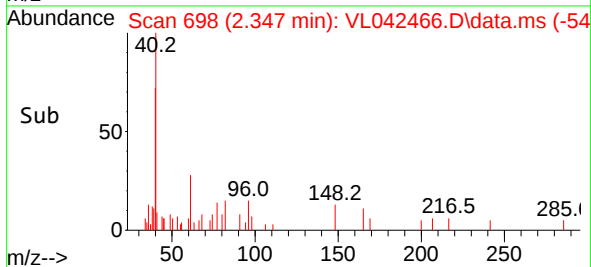
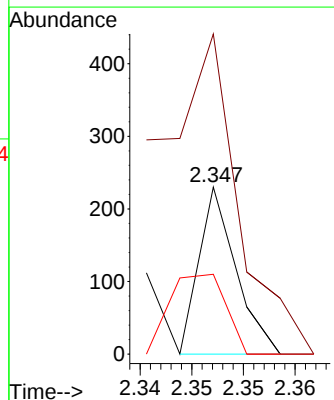
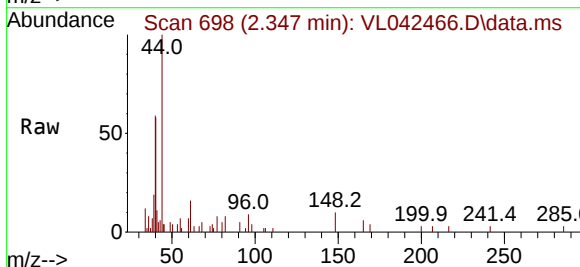
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

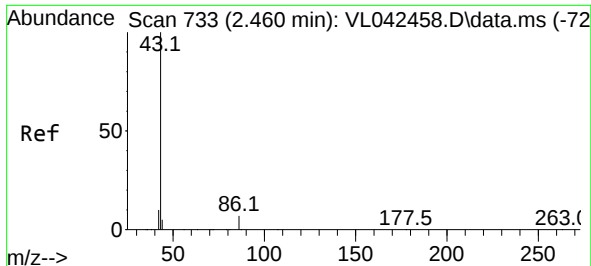
Tgt Ion: 41 Resp: 163
 Ion Ratio Lower Upper
 41 100
 76 0.0 19.6 29.4#
 39 0.0 61.0 91.4#



#22
 trans-1,2-Dichloroethene
 Concen: 0.013 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. 0.007 min
 Lab File: VL042466.D
 Acq: 01 May 2025 14:10

Tgt Ion: 96 Resp: 57
 Ion Ratio Lower Upper
 96 100
 61 158.3 141.8 212.6
 98 47.8 45.0 67.6

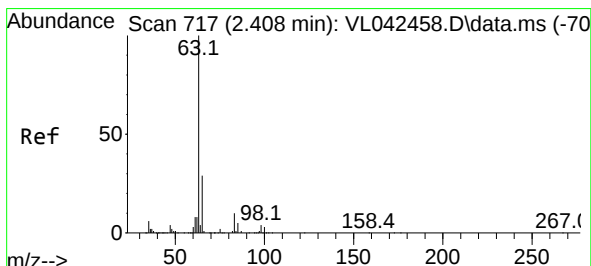
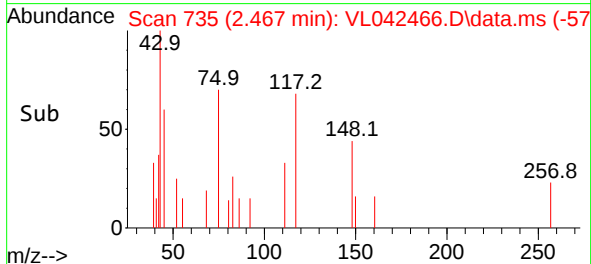
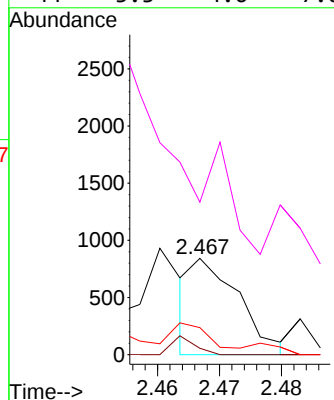
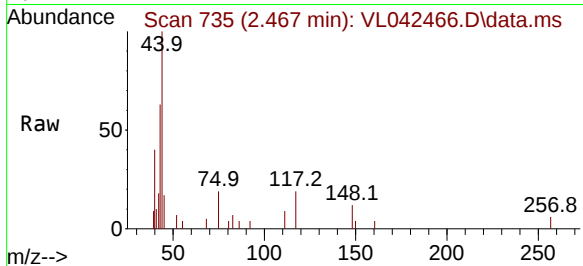




#23
 Vinyl Acetate
 Concen: 0.040 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. 0.007 min
 Lab File: VL042466.D
 Acq: 01 May 2025 14:10

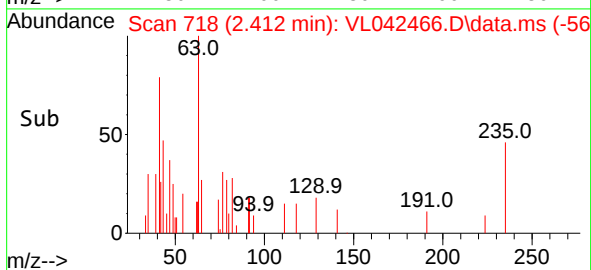
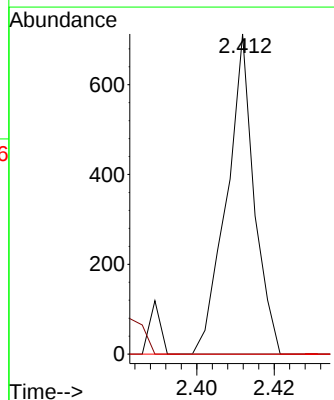
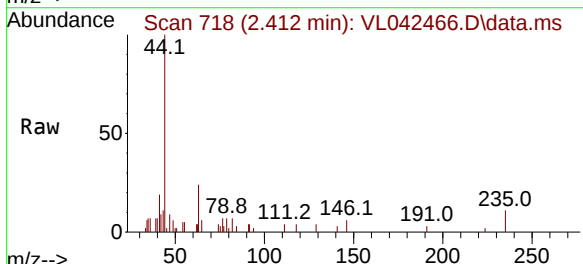
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

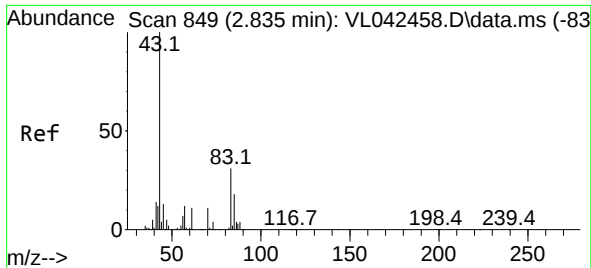
Tgt Ion: 43	Resp: 448
Ion Ratio	Lower Upper
43 100	
86 7.6	5.5 8.3
42 23.2	8.3 12.5#
44 3.3	4.6 7.0#



#24
 1,1-Dichloroethane
 Concen: 0.039 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.004 min
 Lab File: VL042466.D
 Acq: 01 May 2025 14:10

Tgt Ion: 63	Resp:	353	
Ion	Ratio	Lower	Upper
63	100		
98	0.0	1.8	5.5#
100	0.0	1.4	4.2#

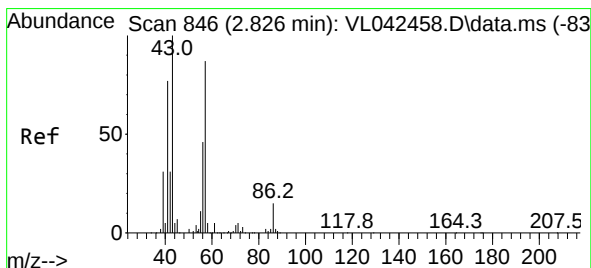
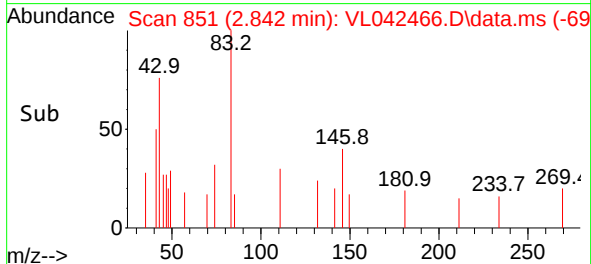
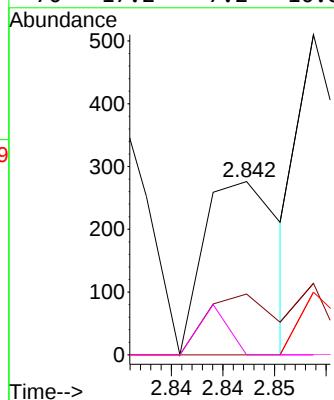
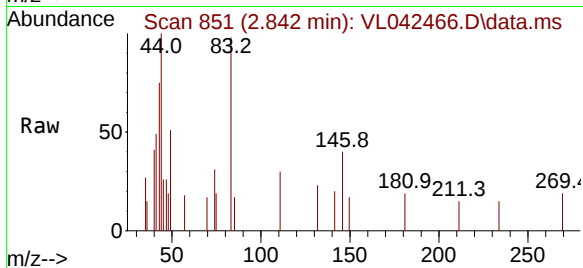




#25
Ethyl Acetate
Concen: 0.007 ppbv
RT: 2.842 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

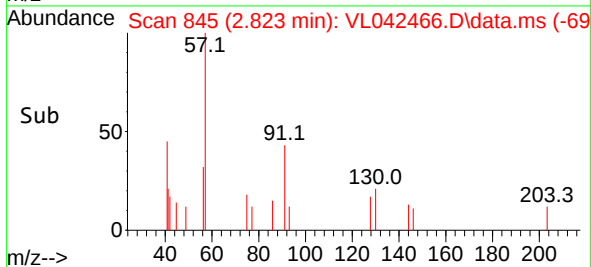
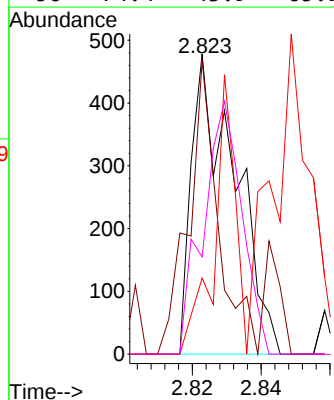
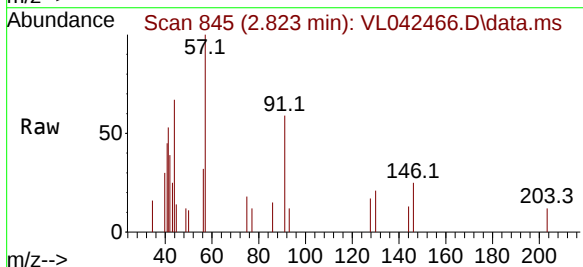
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

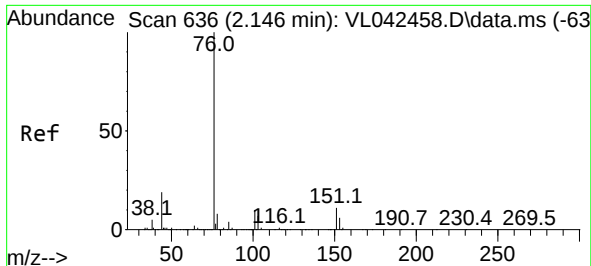
Tgt Ion: 43	Resp: 145
Ion Ratio	Lower Upper
43 100	
45 0.0	7.8 11.6#
61 0.0	7.2 10.8#
70 17.2	7.2 10.8#



#26
Hexane
Concen: 0.050 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.003 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion: 57	Resp:	422	
Ion	Ratio	Lower	Upper
57	100		
41	85.3	77.8	116.8
43	146.9	187.0	280.6#
56	74.4	43.9	65.9#

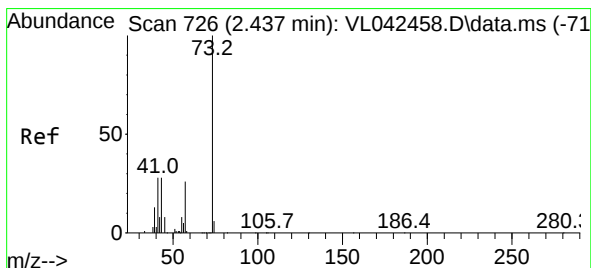
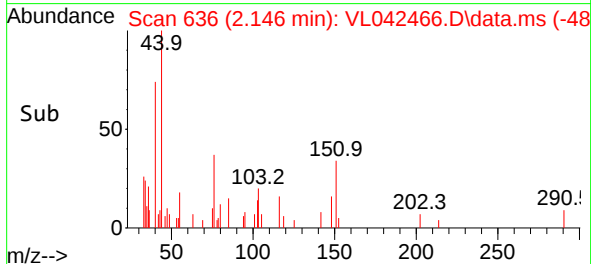
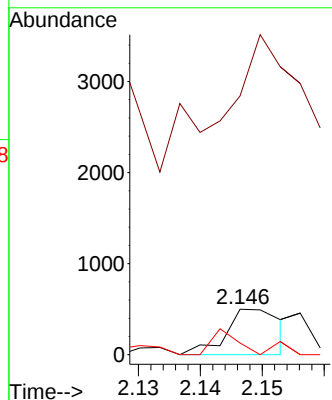
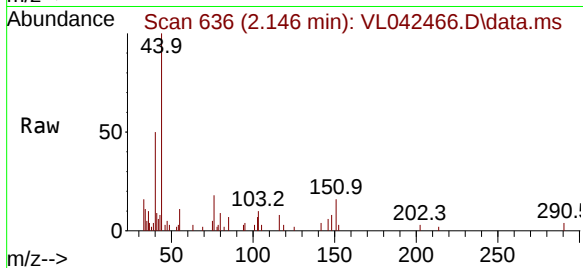




#27
Carbon Disulfide
Concen: 0.031 ppbv
RT: 2.146 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

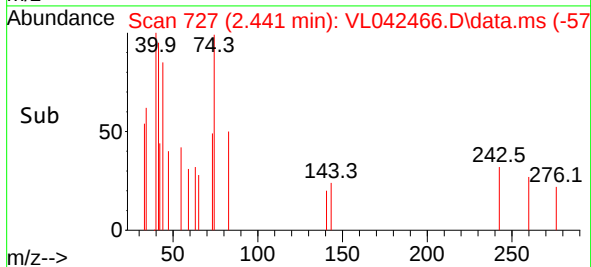
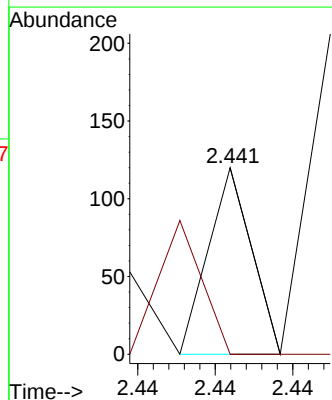
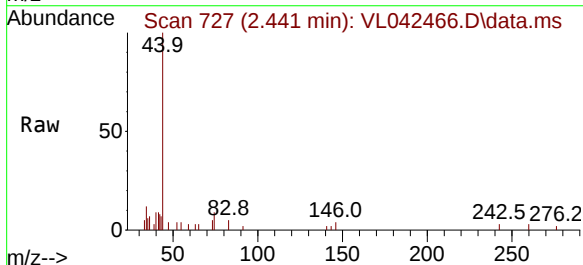
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

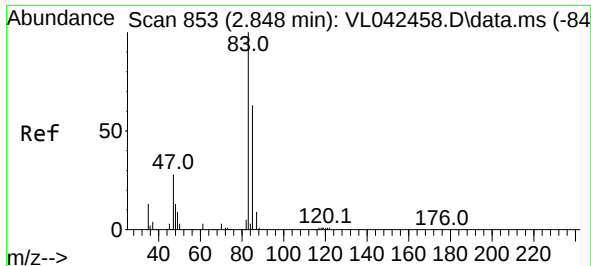
Tgt Ion: 76 Resp: 308
Ion Ratio Lower Upper
76 100
44 2609.7 21.0 31.6#
78 71.8 8.6 13.0#



#28
Methyl tert-Butyl Ether
Concen: 0.005 ppbv
RT: 2.441 min Scan# 727
Delta R.T. 0.004 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion: 73 Resp: 23
Ion Ratio Lower Upper
73 100
57 182.6 19.9 29.9#





#29

Chloroform

Concen: 0.002 ppbv

RT: 2.794 min Scan# 81

Delta R.T. -0.055 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

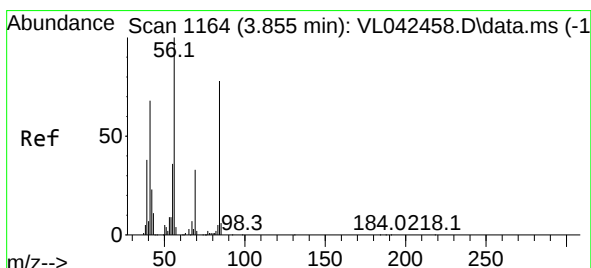
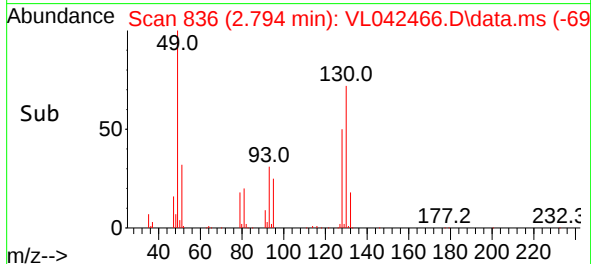
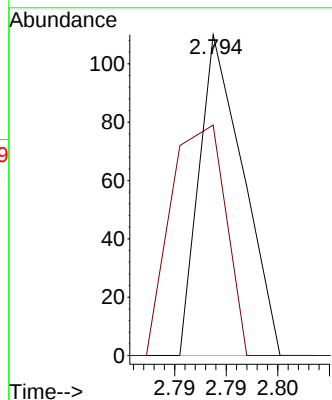
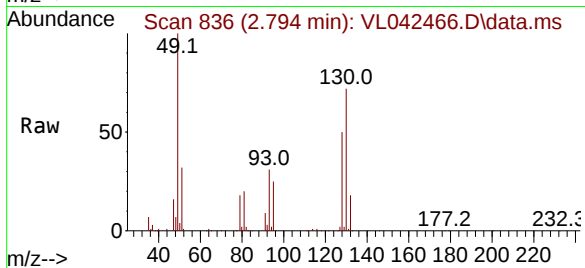
VSTDICC0.03

Tgt Ion: 83 Resp: 33

Ion Ratio Lower Upper

83 100

85 71.8 50.4 75.6



#30

Cyclohexane

Concen: 0.012 ppbv

RT: 3.859 min Scan# 1165

Delta R.T. 0.004 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

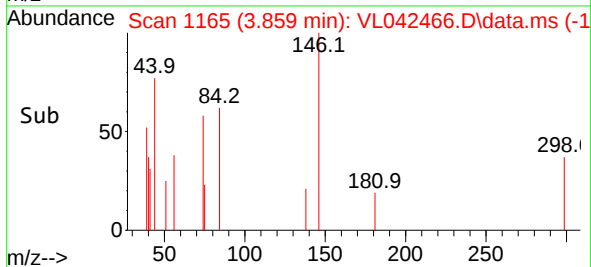
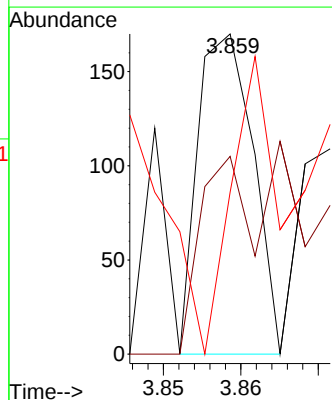
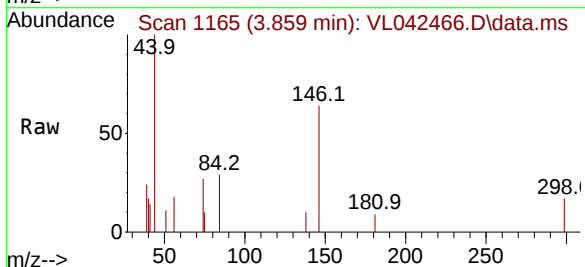
Tgt Ion: 84 Resp: 84

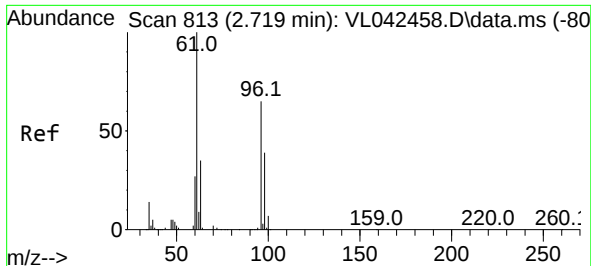
Ion Ratio Lower Upper

84 100

56 0.0 98.1 147.1#

41 0.0 65.8 98.8#

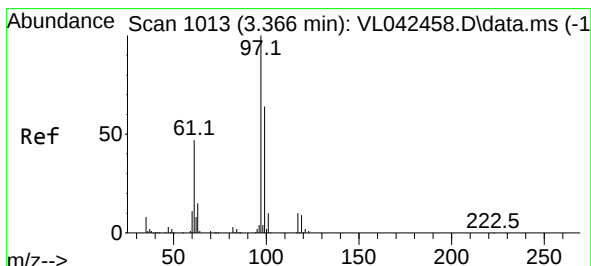
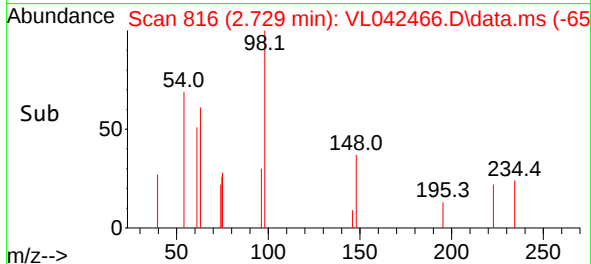
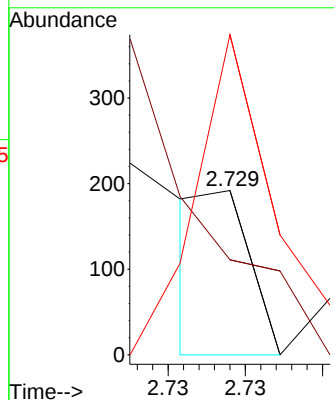
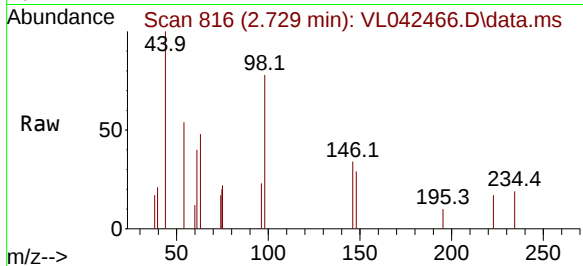




#31
 cis-1,2-Dichloroethene
 Concen: 0.004 ppbv
 RT: 2.729 min Scan# 81
 Delta R.T. 0.010 min
 Lab File: VL042466.D
 Acq: 01 May 2025 14:10

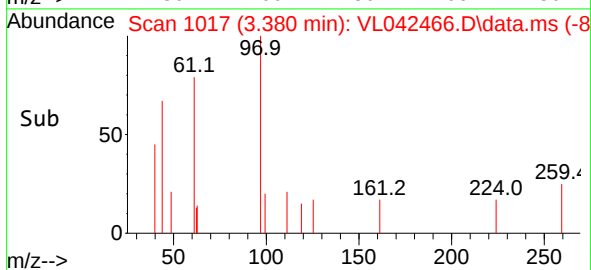
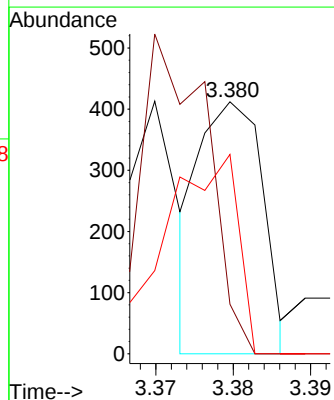
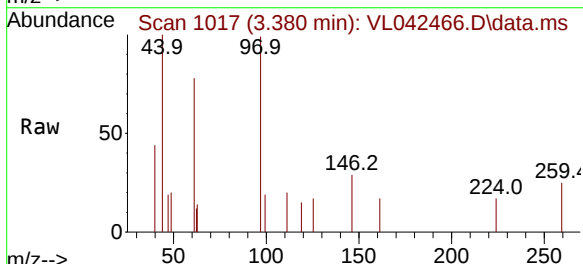
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

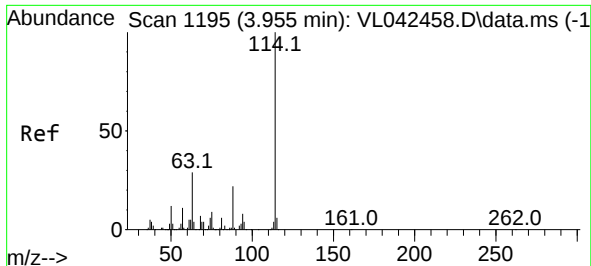
Tgt Ion: 61 Resp: 37
 Ion Ratio Lower Upper
 61 100
 96 6.8 52.0 78.0#
 98 139.1 31.0 46.6#



#32
 1,1,1-Trichloroethane
 Concen: 0.014 ppbv
 RT: 3.380 min Scan# 1017
 Delta R.T. 0.013 min
 Lab File: VL042466.D
 Acq: 01 May 2025 14:10

Tgt Ion: 97 Resp: 233
 Ion Ratio Lower Upper
 97 100
 99 0.0 50.7 76.1#
 61 141.6 40.9 61.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.007 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

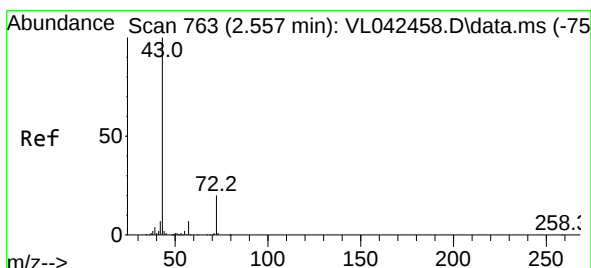
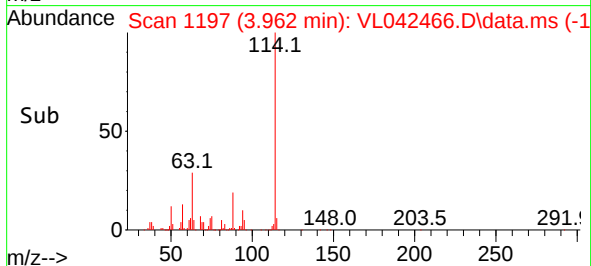
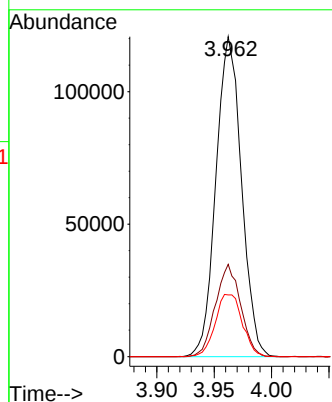
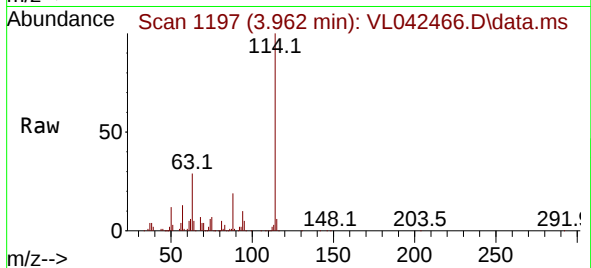
Tgt Ion:114 Resp: 186737

Ion Ratio Lower Upper

114 100

63 28.5 23.1 34.7

88 20.7 16.1 24.1



#34

2-Butanone

Concen: 0.047 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.010 min

Lab File: VL042466.D

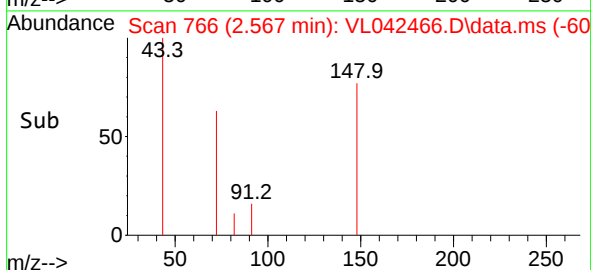
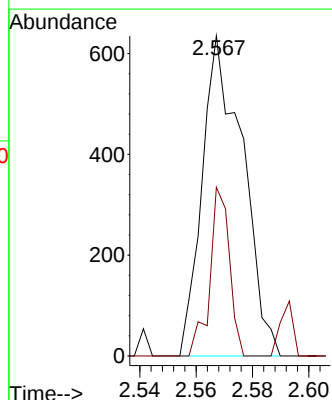
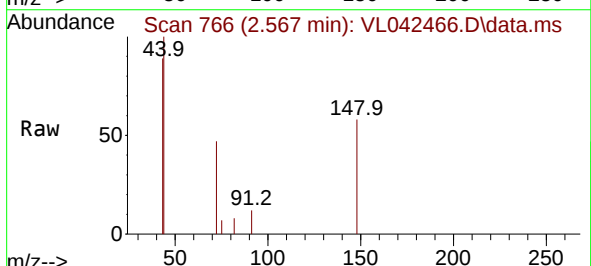
Acq: 01 May 2025 14:10

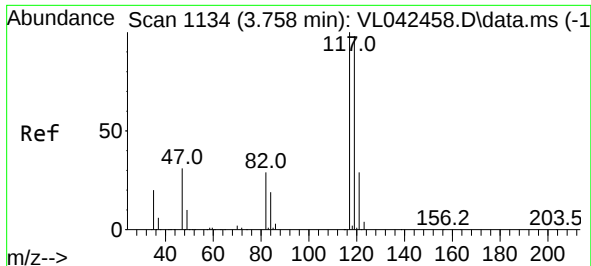
Tgt Ion: 43 Resp: 633

Ion Ratio Lower Upper

43 100

72 25.4 16.7 25.1#

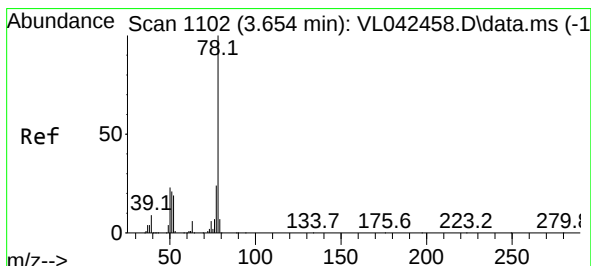
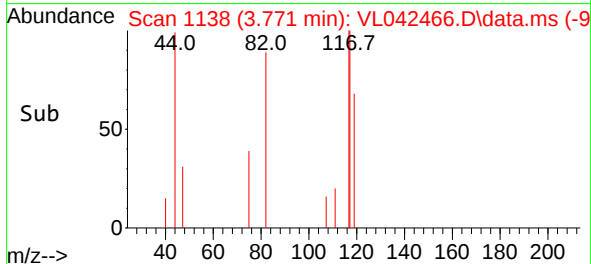
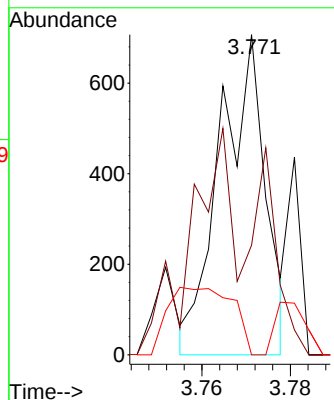
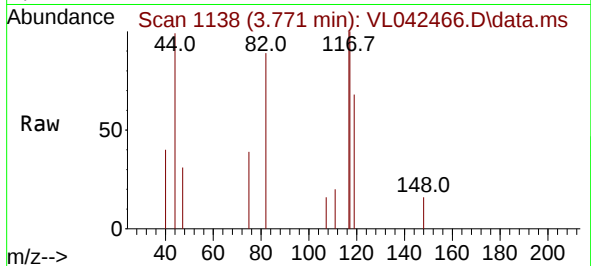




#35
Carbon Tetrachloride
Concen: 0.031 ppbv
RT: 3.771 min Scan# 1138
Delta R.T. 0.013 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

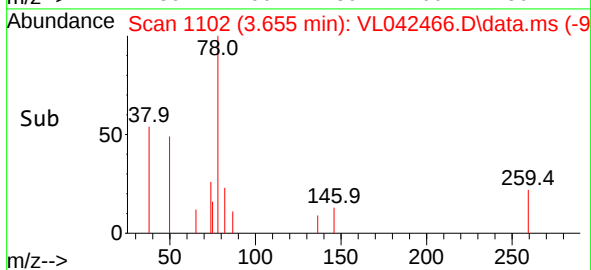
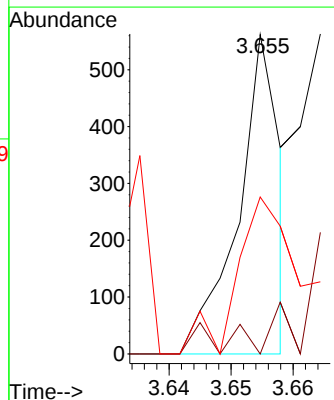
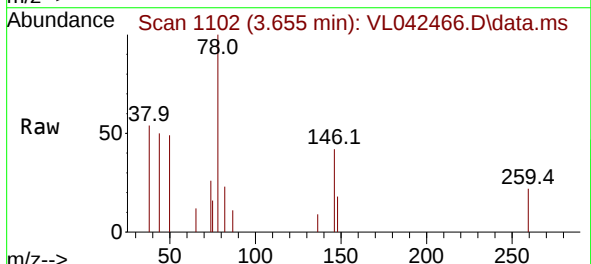
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

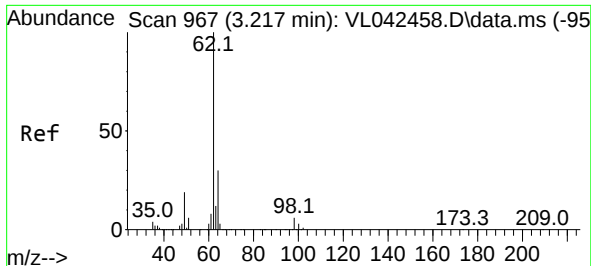
Tgt Ion: 117 Resp: 501
Ion Ratio Lower Upper
117 100
119 28.5 78.1 117.1#
121 0.0 23.0 34.6#



#36
Benzene
Concen: 0.015 ppbv
RT: 3.655 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion: 78 Resp: 265
Ion Ratio Lower Upper
78 100
77 0.0 18.9 28.3#
50 28.5 18.4 27.6#

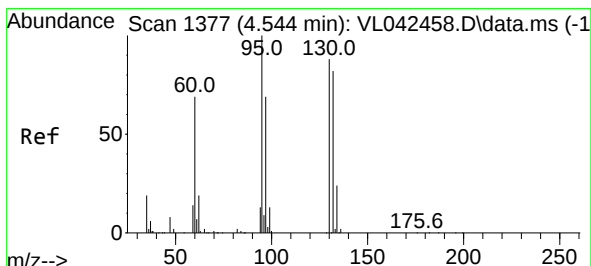
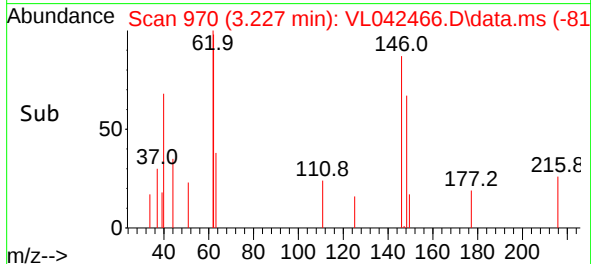
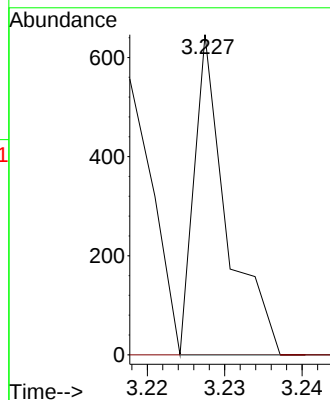
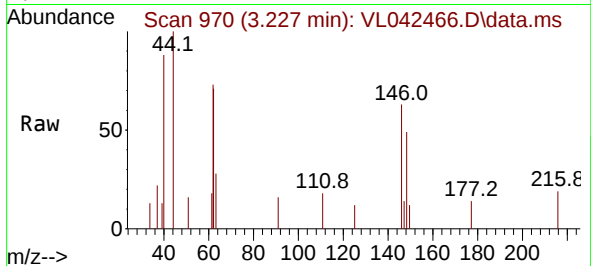




#37
1,2-Dichloroethane
Concen: 0.014 ppbv
RT: 3.227 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

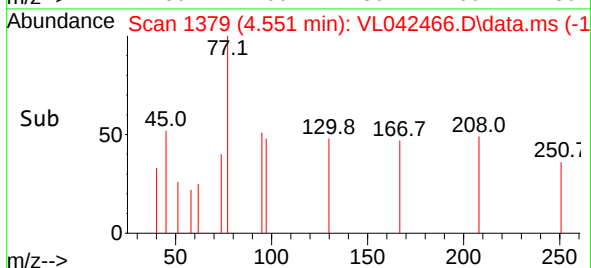
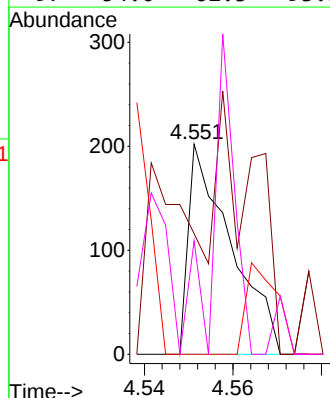
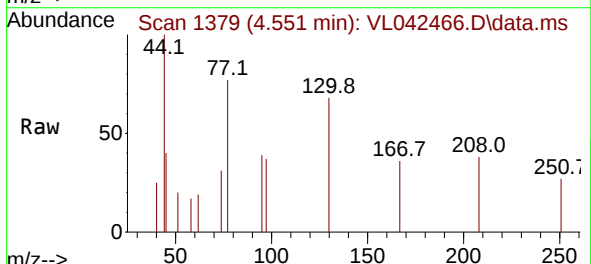
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

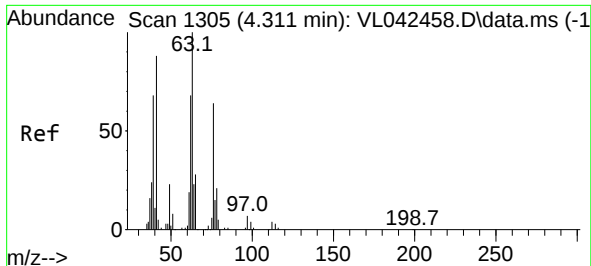
Tgt Ion: 62 Resp: 190
Ion Ratio Lower Upper
62 100
98 0.0 4.3 6.5#



#38
Trichloroethene
Concen: 0.020 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. 0.007 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion:130 Resp: 135
Ion Ratio Lower Upper
130 100
95 57.4 91.0 136.4#
132 0.0 74.2 111.4#
97 54.0 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 8.063 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.349 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

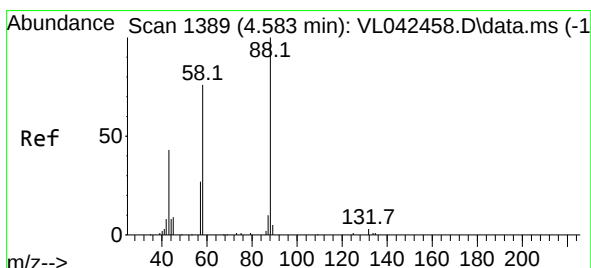
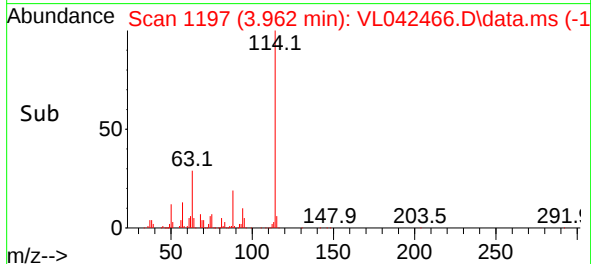
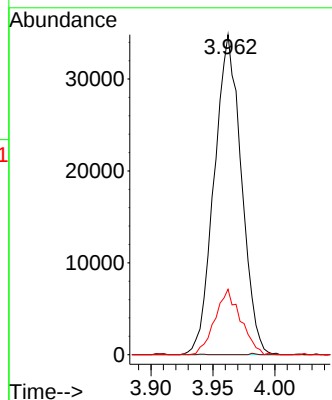
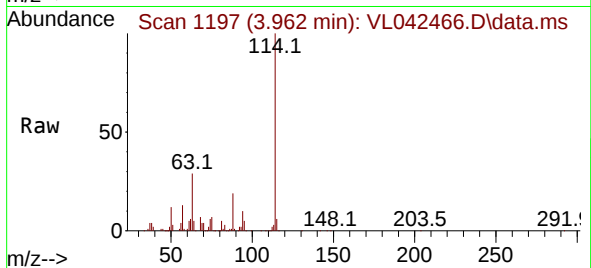
Tgt Ion: 63 Resp: 53226

Ion Ratio Lower Upper

63 100

41 0.0 69.8 104.6#

62 20.4 54.3 81.5#



#40

1,4-Dioxane

Concen: 0.012 ppbv

RT: 4.603 min Scan# 1395

Delta R.T. 0.020 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

Tgt Ion: 88 Resp: 36

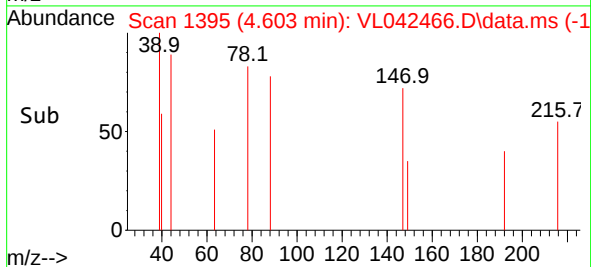
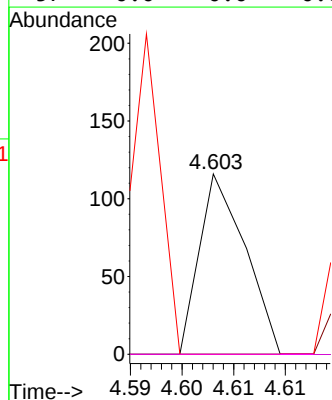
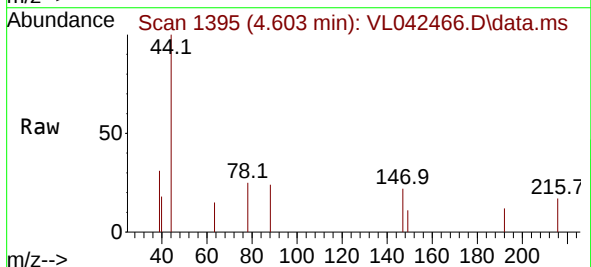
Ion Ratio Lower Upper

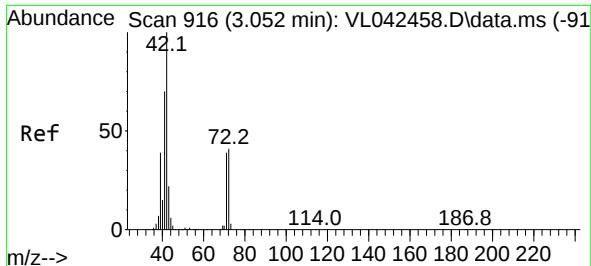
88 100

58 0.0 0.0 0.0

43 463.9 0.0 0.0#

57 0.0 0.0 0.0

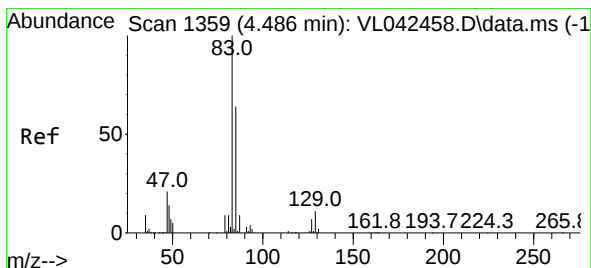
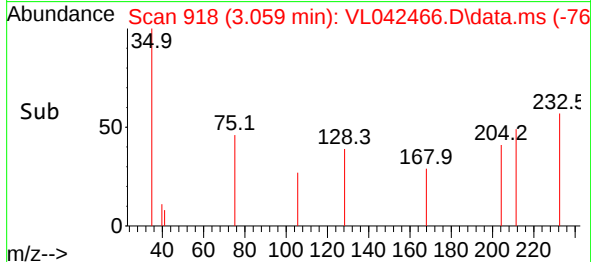
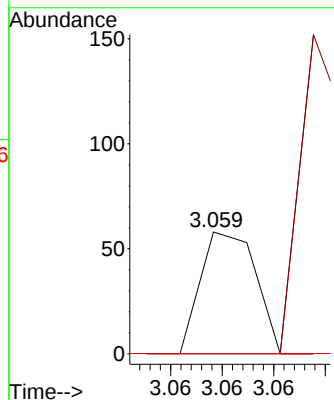
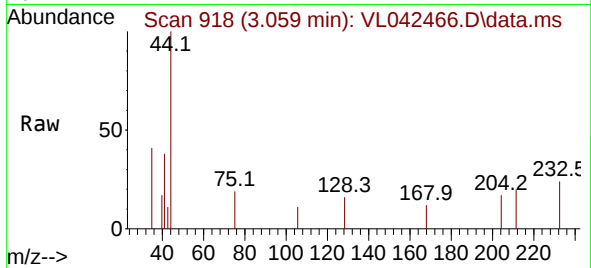




#41
Tetrahydrofuran
Concen: 0.003 ppbv
RT: 3.059 min Scan# 916
Delta R.T. 0.007 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

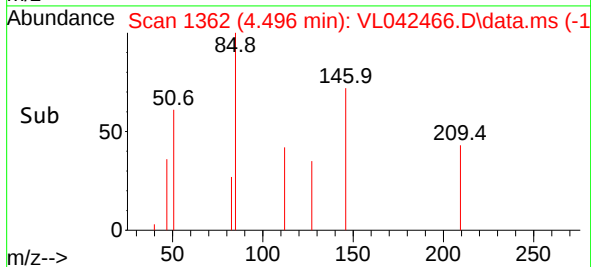
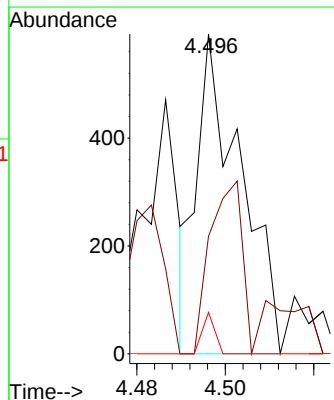
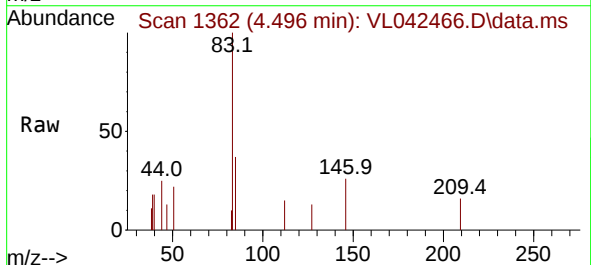
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

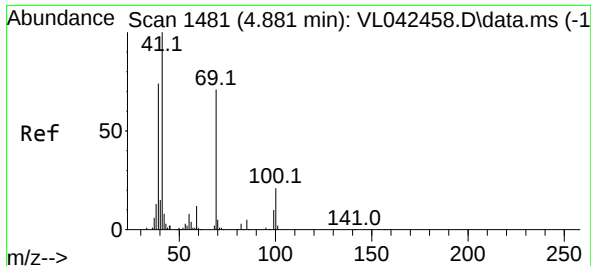
Tgt Ion: 42 Resp: 22
Ion Ratio Lower Upper
42 100
72 0.0 33.5 50.3#
71 0.0 32.6 49.0#



#42
Bromodichloromethane
Concen: 0.024 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.010 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion: 83 Resp: 405
Ion Ratio Lower Upper
83 100
85 36.8 51.5 77.3#
127 13.0 5.4 8.2#





#43

Methyl Methacrylate

Concen: 0.003 ppbv

RT: 4.888 min Scan# 1483

Delta R.T. 0.007 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

Instrument :

MSVOA_L

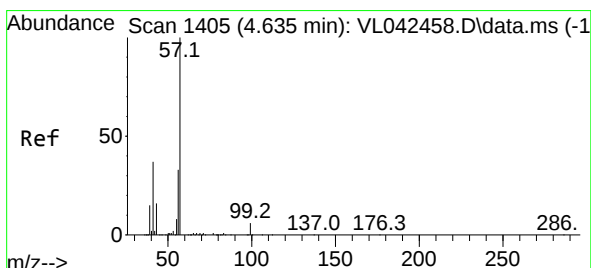
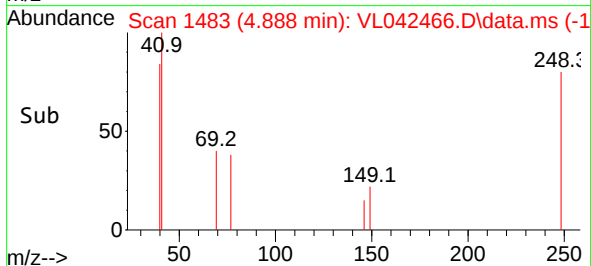
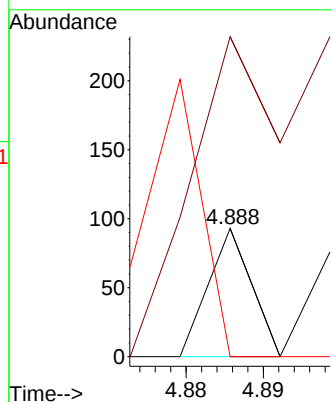
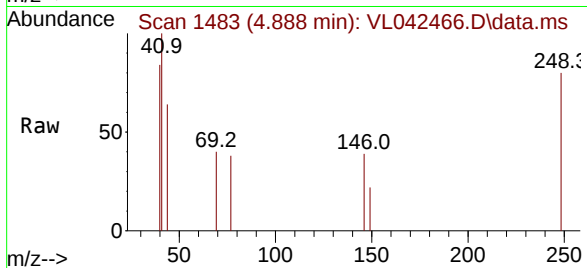
ClientSampleId :

VSTDIC0.03

Tgt Ion: 69 Resp: 18

Ion Ratio Lower Upper

69	100		
41	1616.7	120.8	181.2#
100	288.9	26.7	40.1#



#44

2,2,4-Trimethylpentane

Concen: 0.009 ppbv

RT: 4.645 min Scan# 1408

Delta R.T. 0.010 min

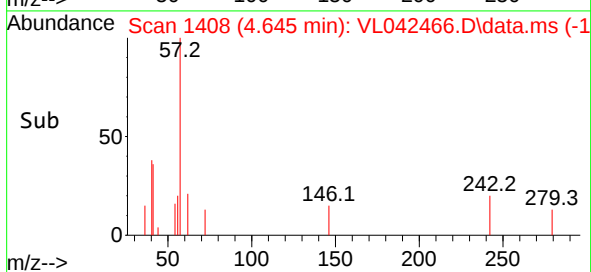
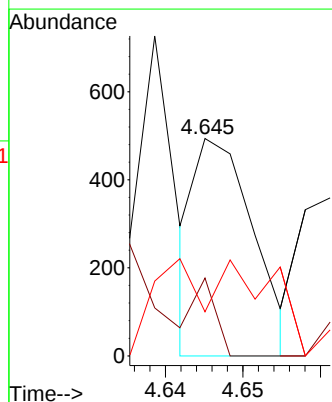
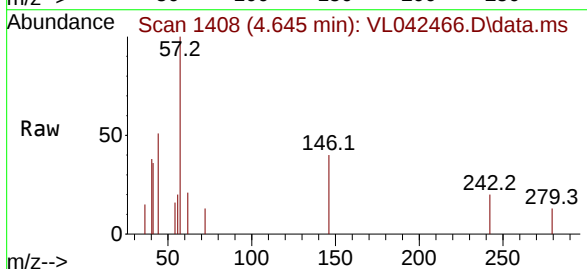
Lab File: VL042466.D

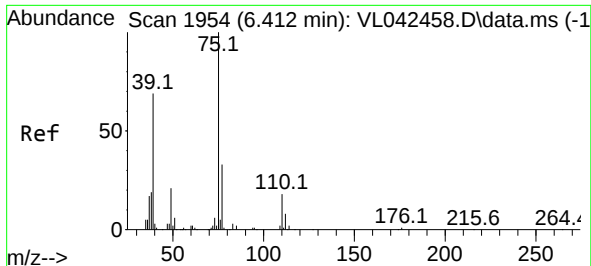
Acq: 01 May 2025 14:10

Tgt Ion: 57 Resp: 259

Ion Ratio Lower Upper

57	100		
41	0.0	30.6	45.8#
56	118.1	25.0	37.6#

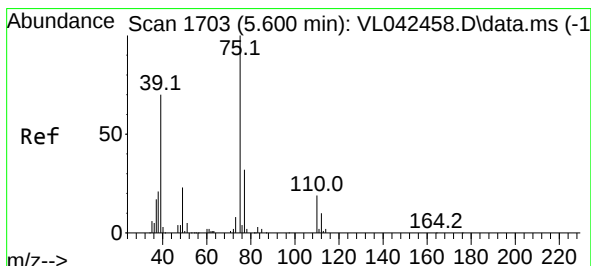
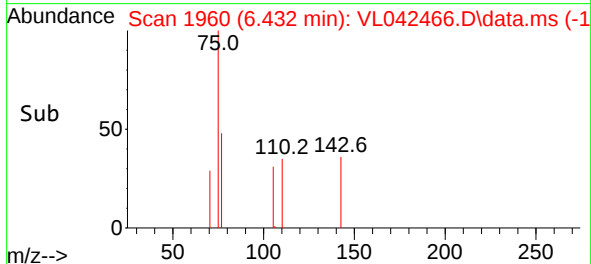
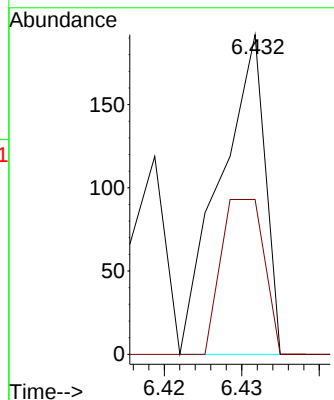
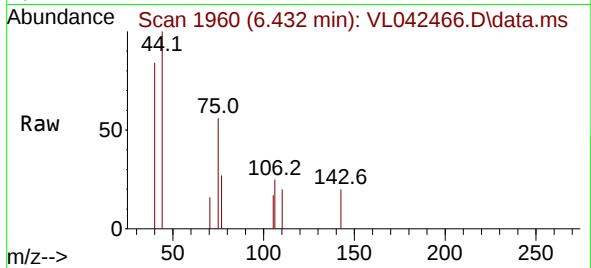




#45
t-1,3-Dichloropropene
Concen: 0.009 ppbv
RT: 6.432 min Scan# 1954
Delta R.T. 0.020 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

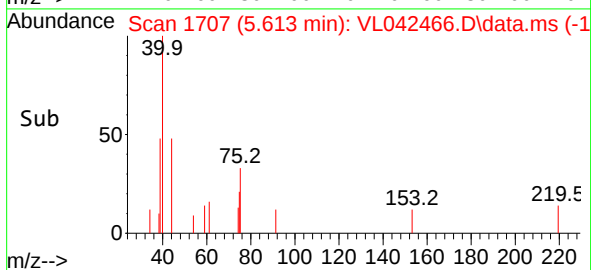
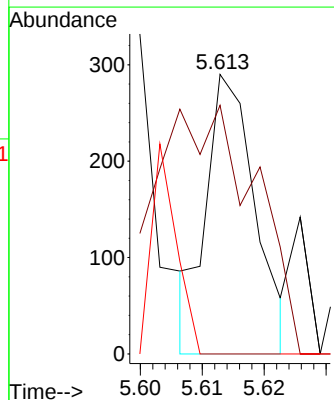
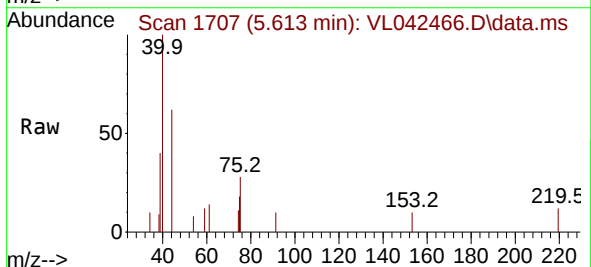
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

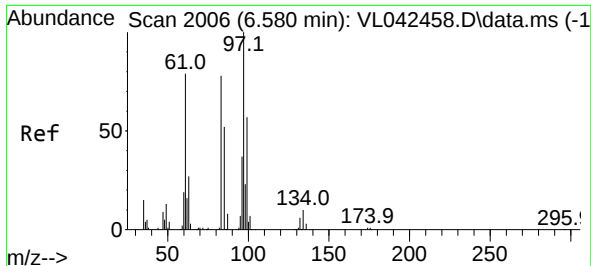
Tgt Ion: 75 Resp: 77
Ion Ratio Lower Upper
75 100
77 48.4 26.3 39.5#



#46
cis-1,3-Dichloropropene
Concen: 0.015 ppbv
RT: 5.613 min Scan# 1707
Delta R.T. 0.013 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion: 75 Resp: 158
Ion Ratio Lower Upper
75 100
39 63.4 55.7 83.5
77 0.0 25.8 38.8#

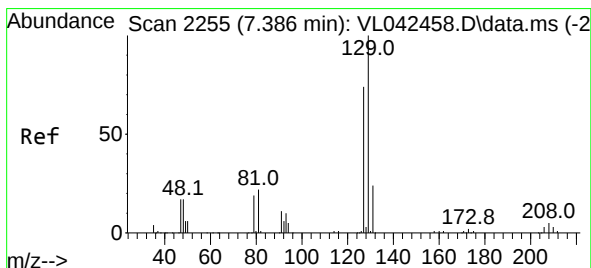
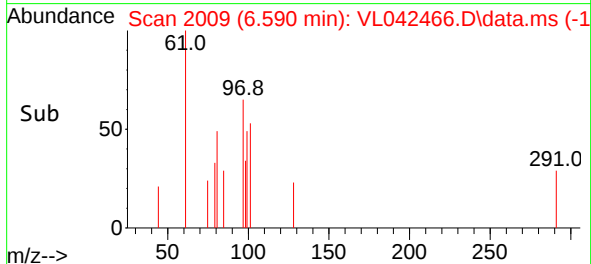
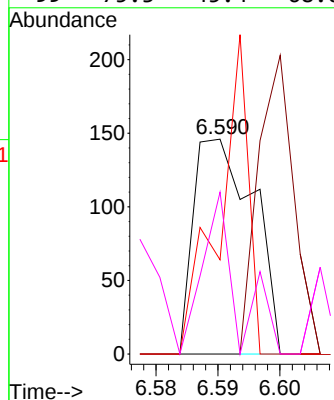
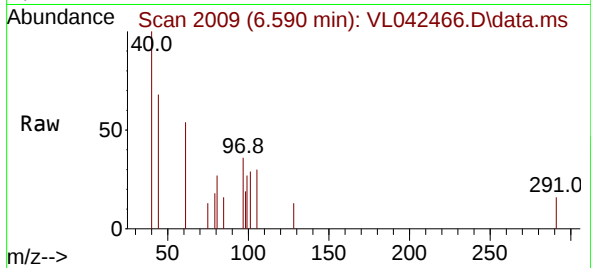




#47
1,1,2-Trichloroethane
Concen: 0.014 ppbv
RT: 6.590 min Scan# 2006
Delta R.T. 0.010 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

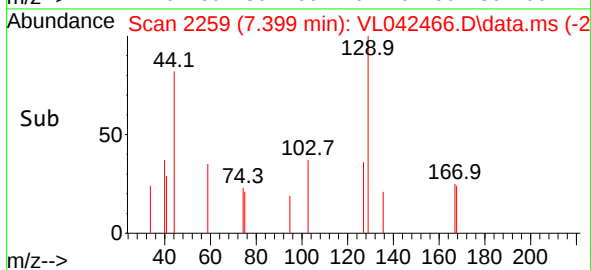
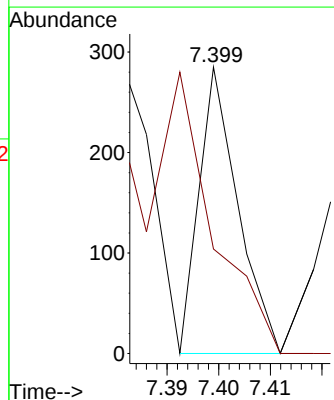
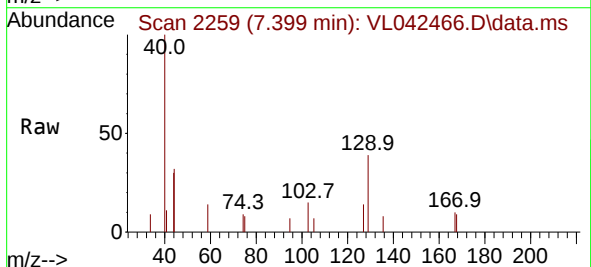
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

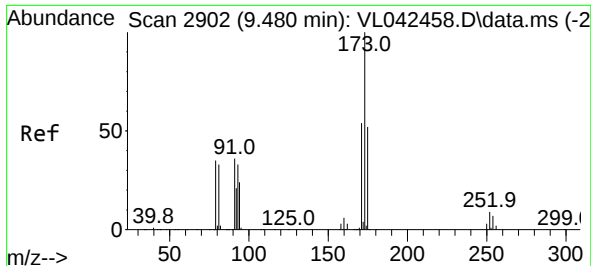
Tgt Ion:	97	Resp:	98
Ion	Ratio	Lower	Upper
97	100		
83	0.0	62.2	93.2#
85	43.8	41.5	62.3
99	75.3	45.4	68.0#



#48
Dibromochloromethane
Concen: 0.006 ppbv
RT: 7.399 min Scan# 2259
Delta R.T. 0.013 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion:	129	Resp:	75
Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.5	118.5#





#49

Bromoform

Concen: 0.017 ppbv

RT: 9.490 min Scan# 2902

Delta R.T. 0.010 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

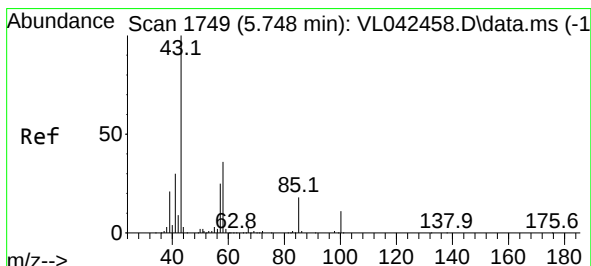
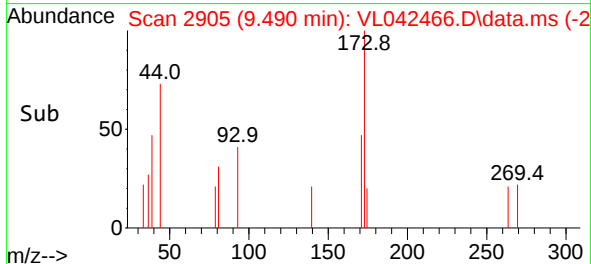
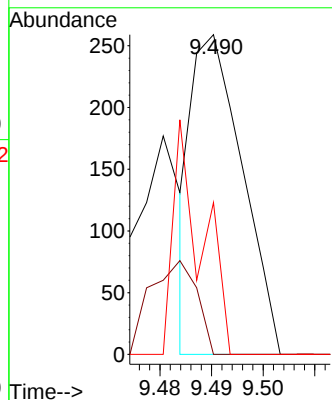
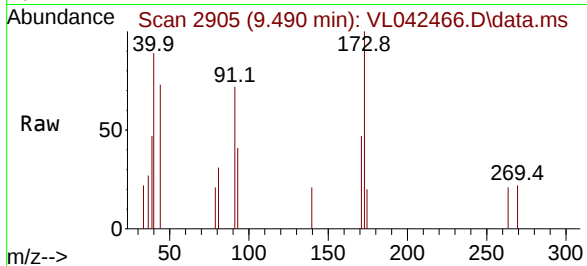
Tgt Ion:173 Resp: 176

Ion Ratio Lower Upper

173 100

175 0.0 38.9 58.3#

171 0.0 40.6 60.8#



#50

4-Methyl-2-Pentanone

Concen: 0.004 ppbv

RT: 5.771 min Scan# 1756

Delta R.T. 0.023 min

Lab File: VL042466.D

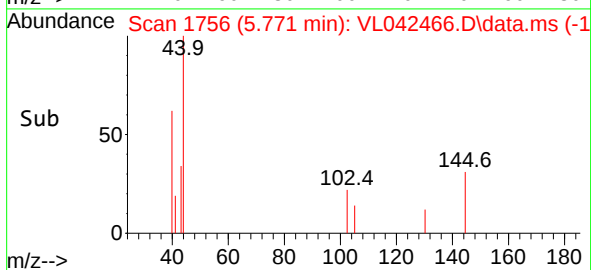
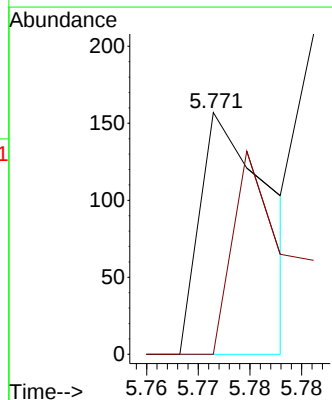
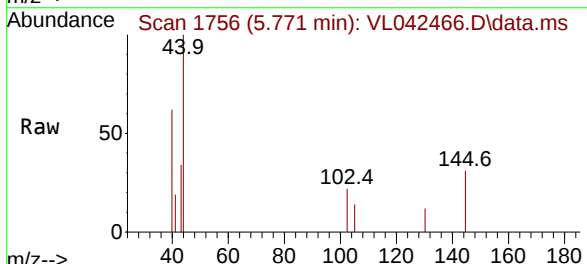
Acq: 01 May 2025 14:10

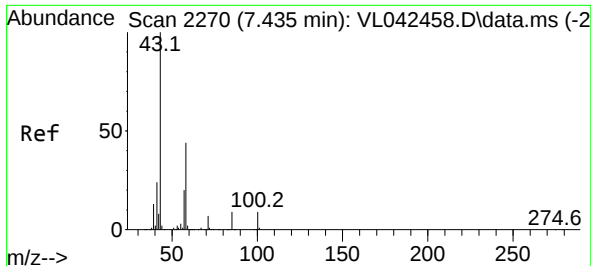
Tgt Ion: 43 Resp: 74

Ion Ratio Lower Upper

43 100

58 67.6 29.5 44.3#

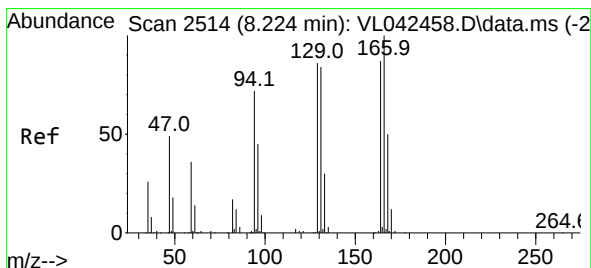
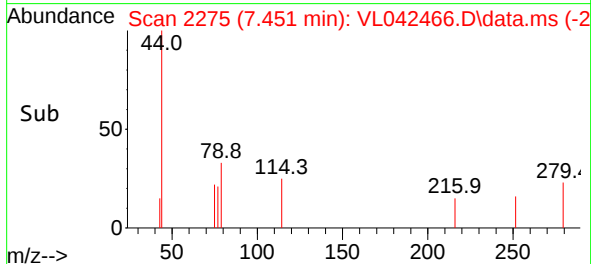
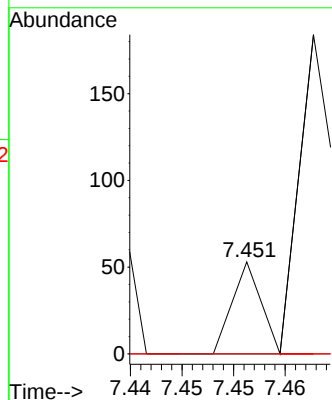
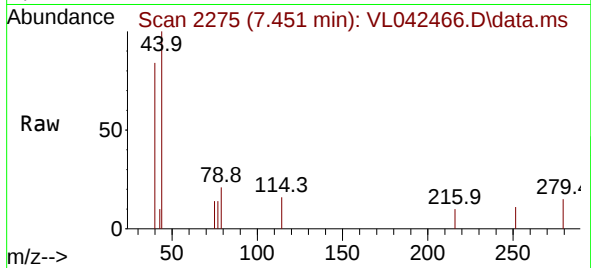




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 7.451 min Scan# 21
Delta R.T. 0.017 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

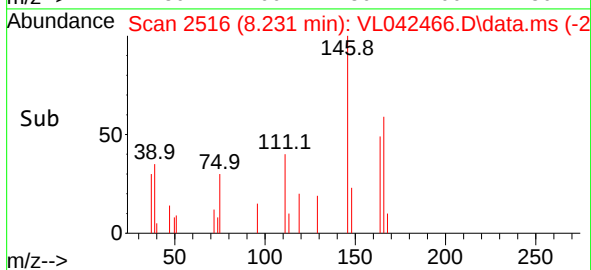
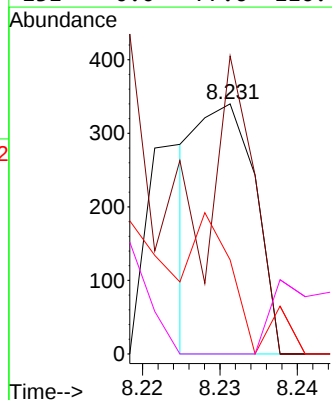
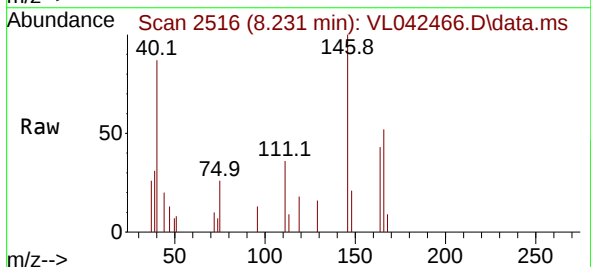
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

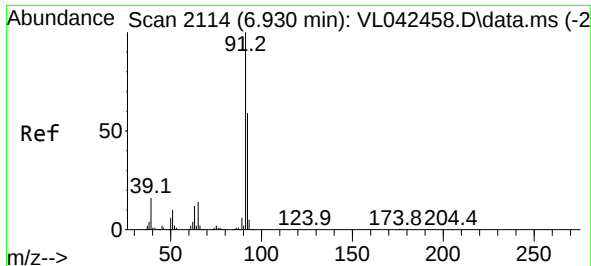
Tgt Ion: 43 Resp: 10
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.026 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.007 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion: 164 Resp: 176
Ion Ratio Lower Upper
164 100
166 119.1 91.6 137.4
129 18.5 79.0 118.4#
131 0.0 77.6 116.4#

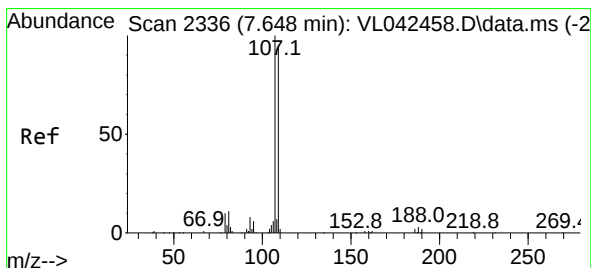
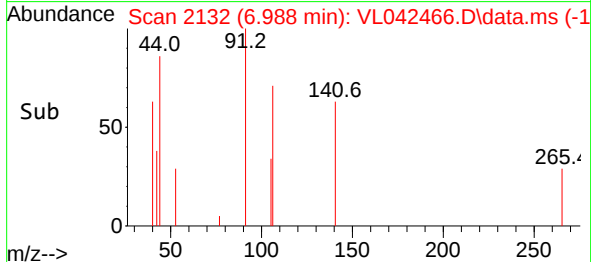
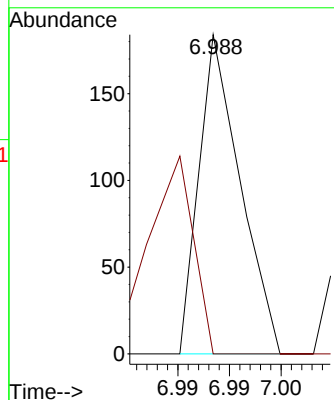
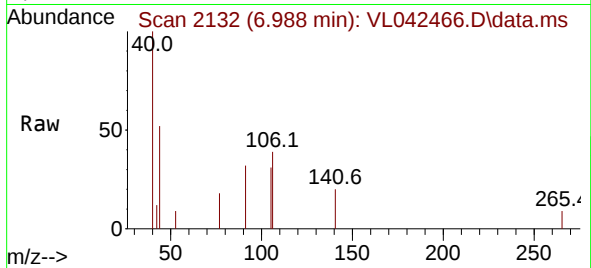




#53
Toluene
Concen: 0.003 ppbv
RT: 6.988 min Scan# 2114
Delta R.T. 0.059 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

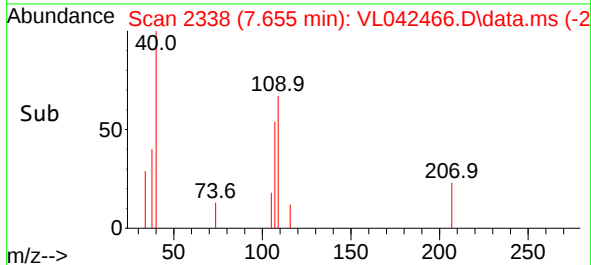
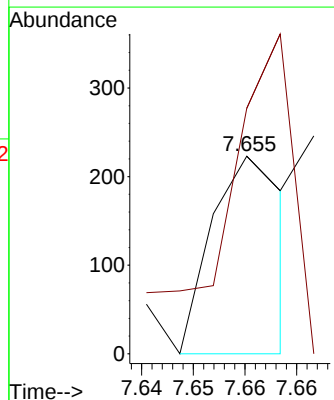
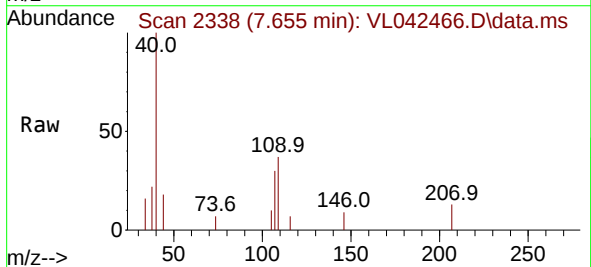
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

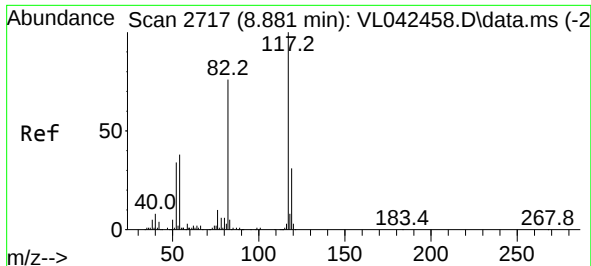
Tgt Ion: 91 Resp: 51
Ion Ratio Lower Upper
91 100
92 66.7 47.9 71.9



#54
1,2-Dibromoethane
Concen: 0.010 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. 0.007 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion: 107 Resp: 110
Ion Ratio Lower Upper
107 100
109 92.4 76.0 114.0

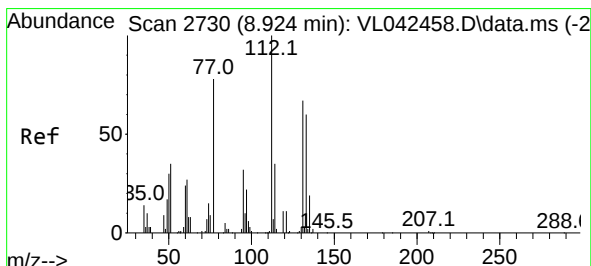
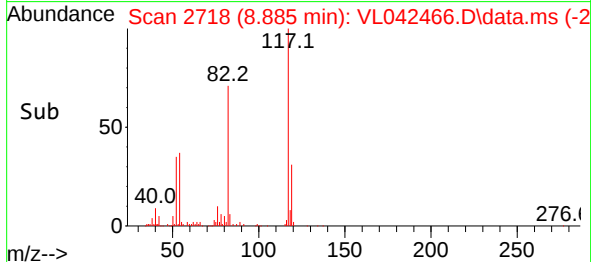
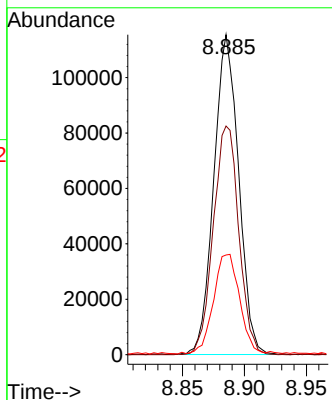
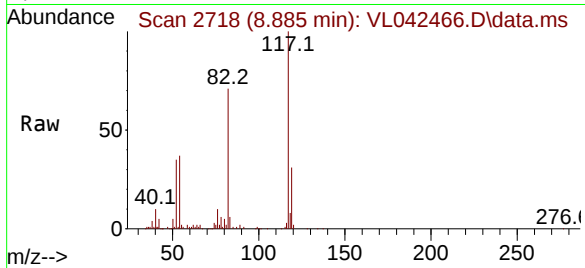




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2717
Delta R.T. 0.004 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

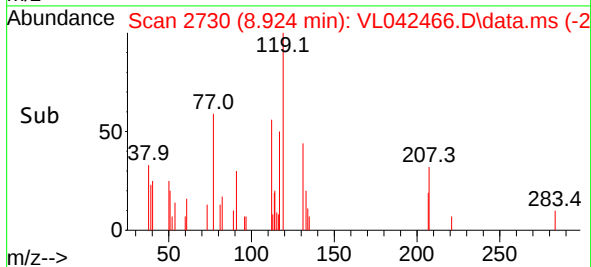
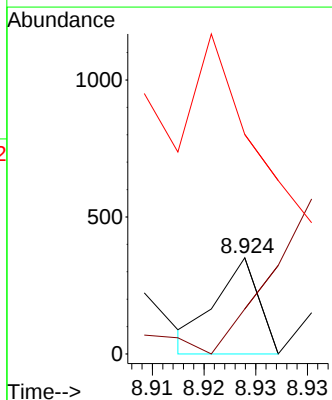
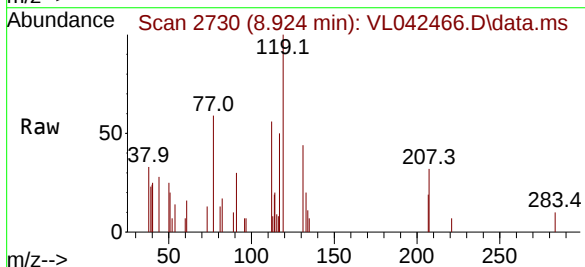
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

Tgt Ion:117 Resp: 161050
Ion Ratio Lower Upper
117 100
82 73.6 63.5 95.3
119 33.8 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.011 ppbv
RT: 8.924 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion:131 Resp: 100
Ion Ratio Lower Upper
131 100
133 0.0 76.0 114.0#
119 0.0 46.1 69.1#





#57

Chlorobenzene

Concen: 0.026 ppbv

RT: 8.921 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

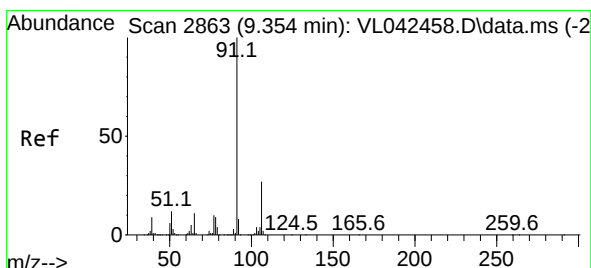
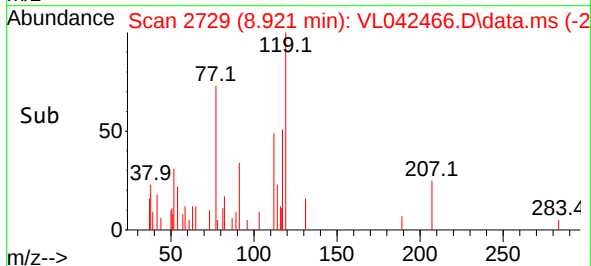
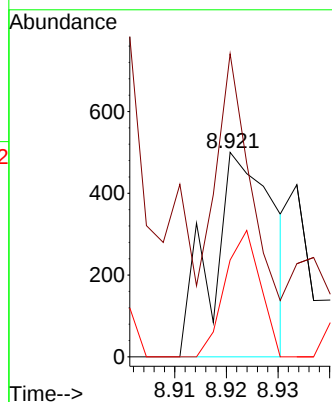
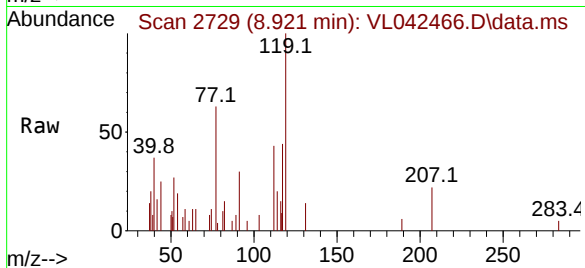
Tgt Ion:112 Resp: 413

Ion Ratio Lower Upper

112 100

77 120.6 65.0 97.4#

114 47.4 27.5 33.7#



#58

Ethyl Benzene

Concen: 0.003 ppbv

RT: 9.519 min Scan# 2914

Delta R.T. 0.165 min

Lab File: VL042466.D

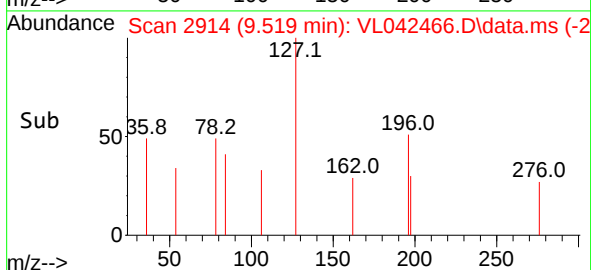
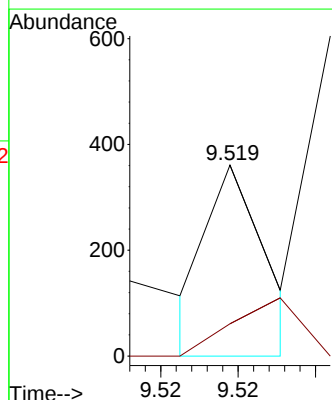
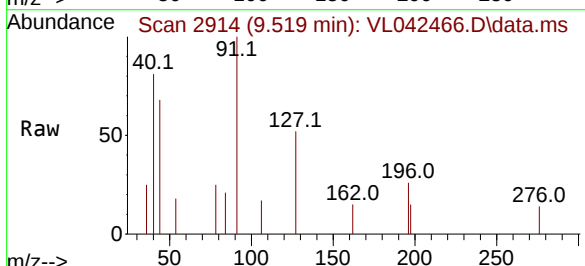
Acq: 01 May 2025 14:10

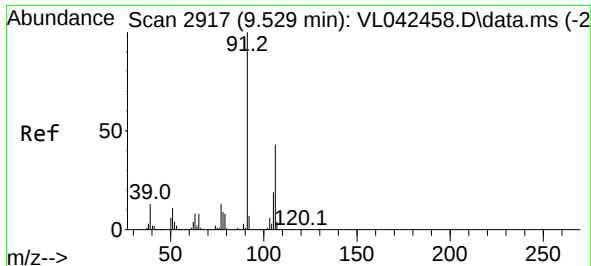
Tgt Ion: 91 Resp: 94

Ion Ratio Lower Upper

91 100

106 24.7 21.9 32.9

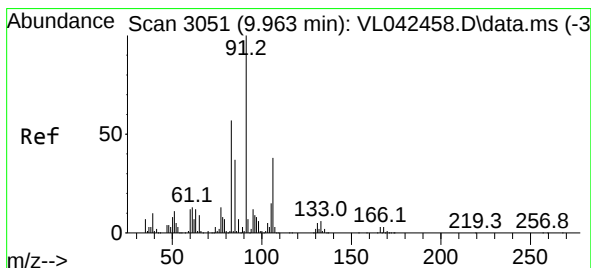
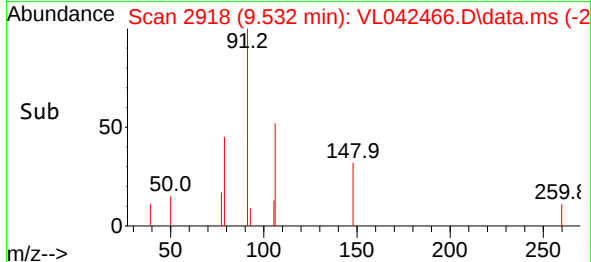
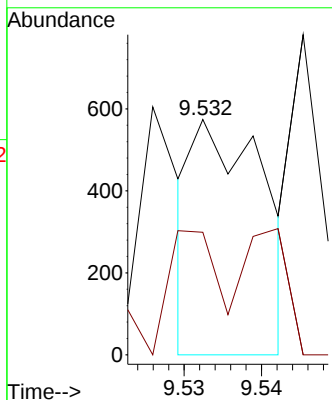
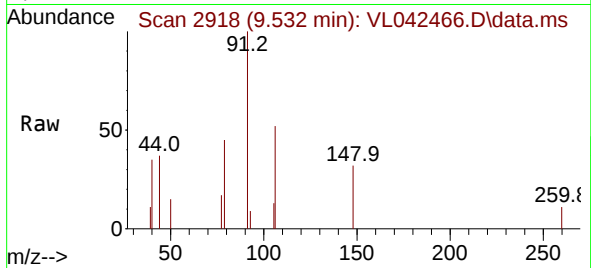




#59
m/p-Xylene
Concen: 0.016 ppbv
RT: 9.532 min Scan# 2917
Delta R.T. 0.004 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

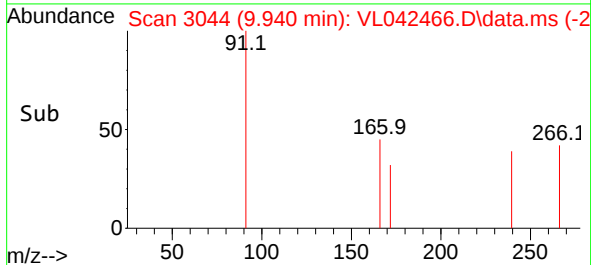
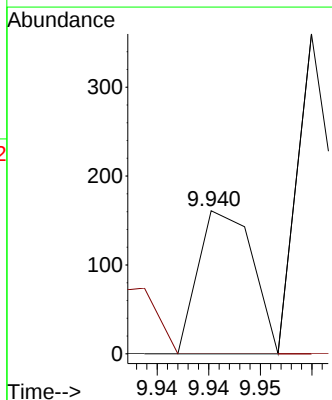
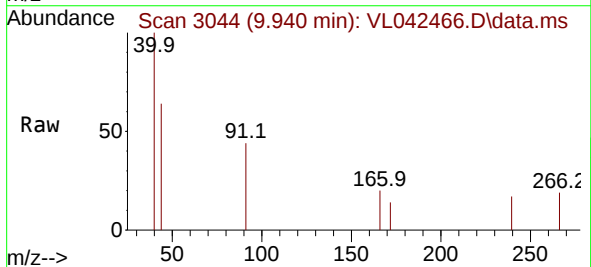
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

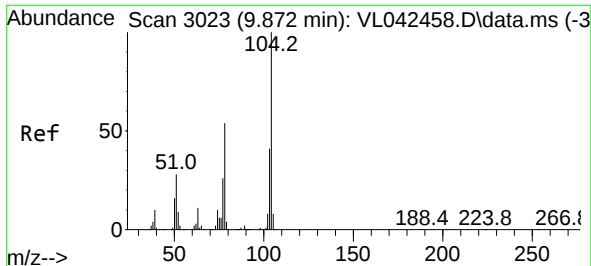
Tgt Ion: 91 Resp: 367
Ion Ratio Lower Upper
91 100
106 0.0 34.2 51.2#



#60
o-Xylene
Concen: 0.003 ppbv
RT: 9.940 min Scan# 3044
Delta R.T. -0.022 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion: 91 Resp: 59
Ion Ratio Lower Upper
91 100
106 47.5 20.1 60.2

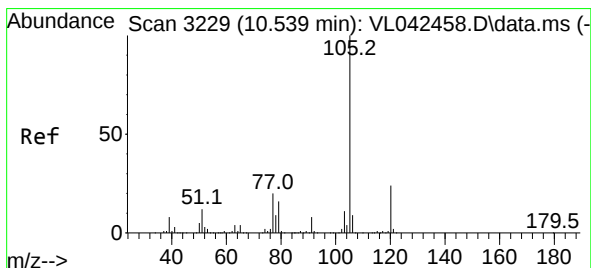
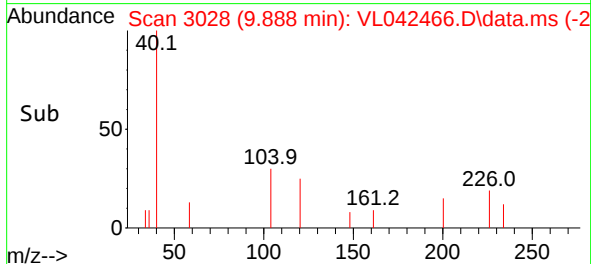
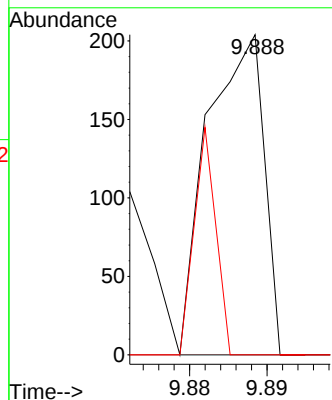
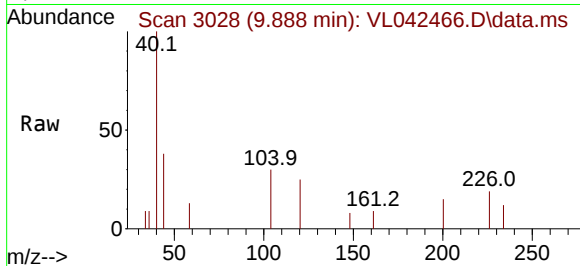




#61
Styrene
Concen: 0.012 ppbv
RT: 9.888 min Scan# 3023
Delta R.T. 0.017 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

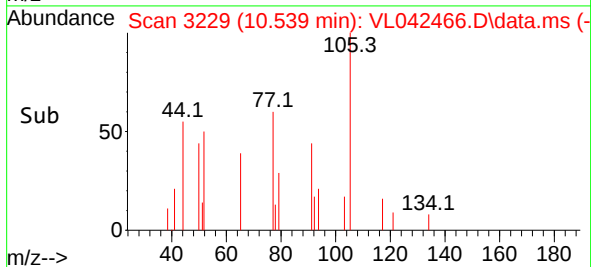
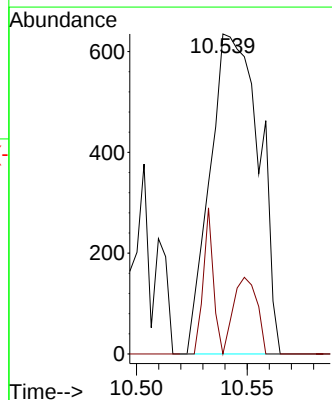
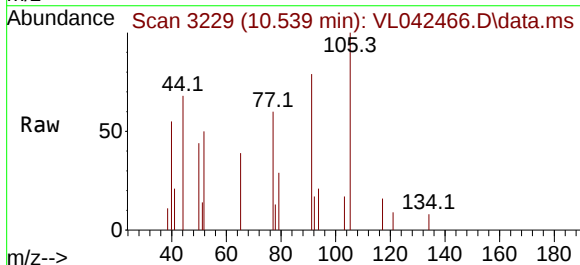
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

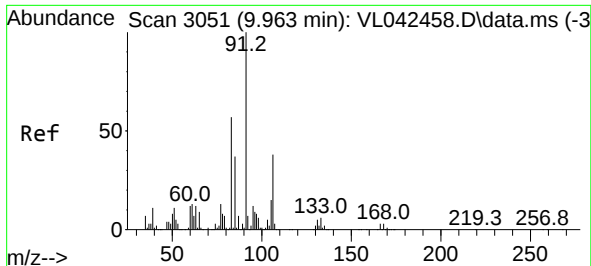
Tgt Ion	Ratio	Lower	Upper
104	100		
78	0.0	46.9	70.3#
103	27.2	36.6	55.0#



#62
Isopropylbenzene
Concen: 0.030 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. 0.000 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	20.9	18.8	28.2





#63

1,1,2,2-Tetrachloroethane

Concen: 0.024 ppbv

RT: 9.973 min Scan# 3051

Delta R.T. 0.010 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

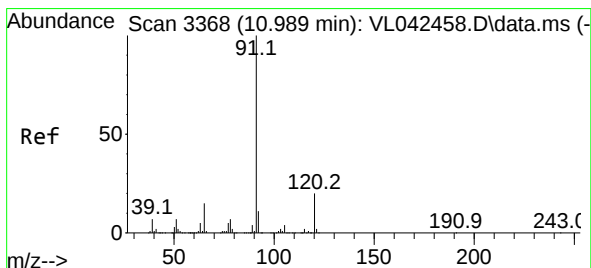
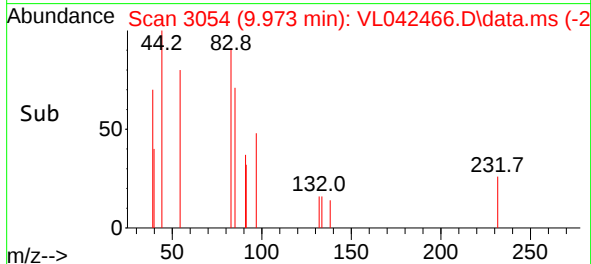
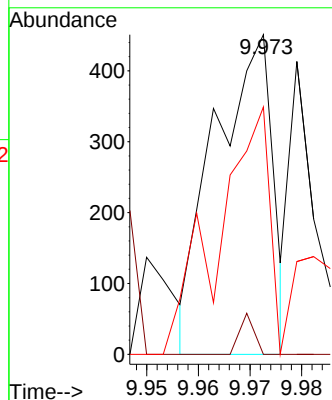
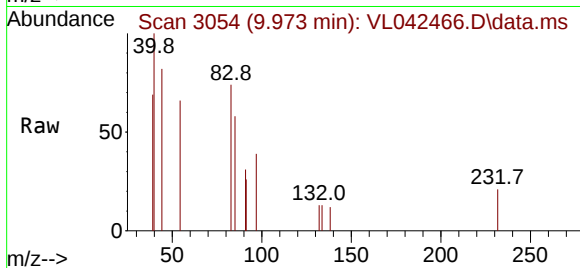
Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

Tgt Ion:	83	Resp:	354
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.7	14.1#
85	92.1	32.5	97.4



#64

n-propylbenzene

Concen: 0.009 ppbv

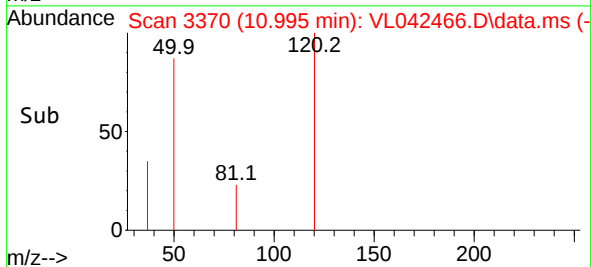
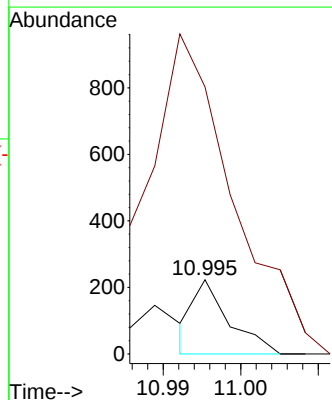
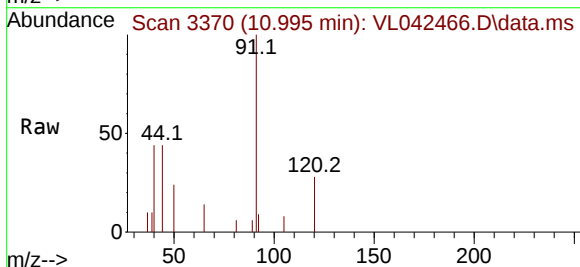
RT: 10.995 min Scan# 3370

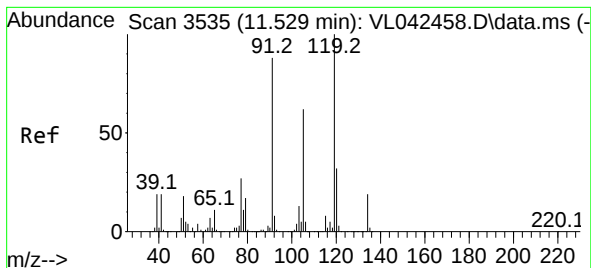
Delta R.T. 0.007 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

Tgt Ion:	120	Resp:	70
Ion	Ratio	Lower	Upper
120	100		
91	1327.1	408.6	612.8#





#65

tert-Butylbenzene

Concen: 0.012 ppbv

RT: 11.533 min Scan# 3536

Delta R.T. 0.004 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

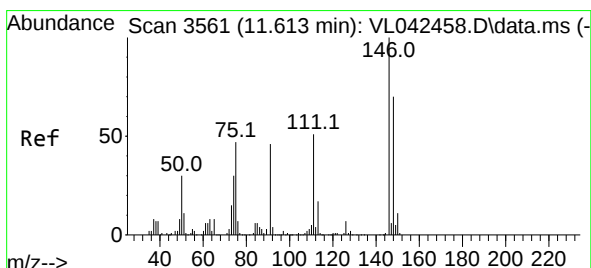
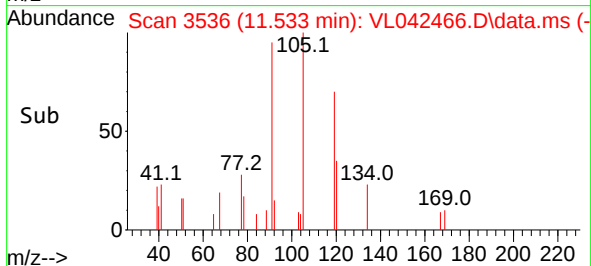
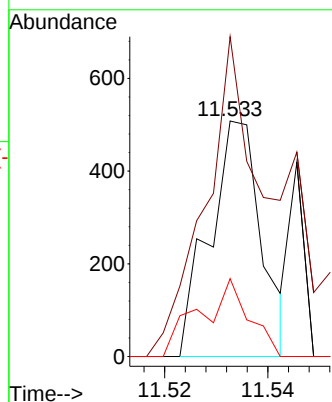
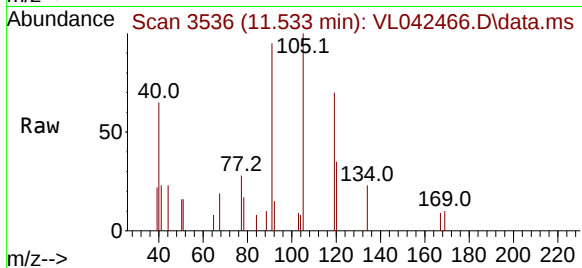
Tgt Ion:119 Resp: 355

Ion Ratio Lower Upper

119 100

91 185.9 71.6 107.4#

134 31.5 15.0 22.4#



#66

Benzyl Chloride

Concen: 0.016 ppbv

RT: 11.617 min Scan# 3562

Delta R.T. 0.004 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

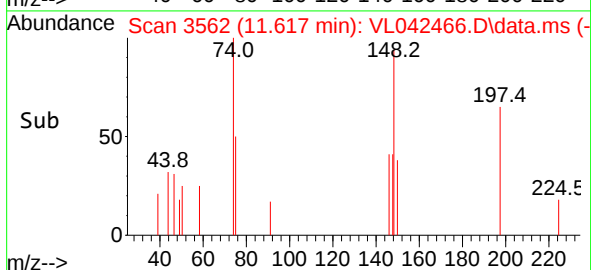
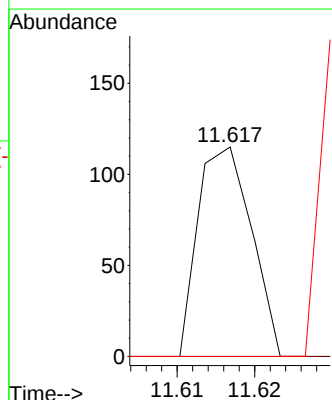
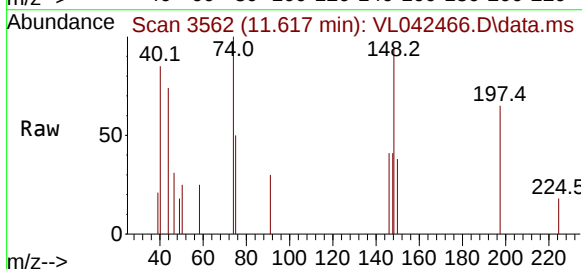
Tgt Ion: 91 Resp: 55

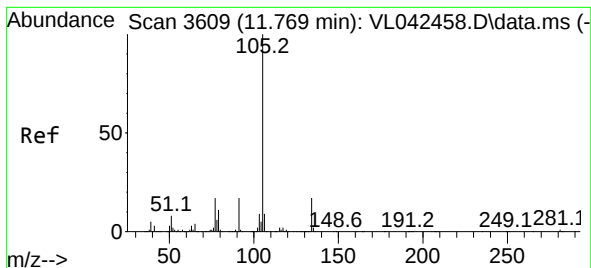
Ion Ratio Lower Upper

91 100

126 0.0 13.3 19.9#

128 0.0 4.2 6.4#





#67

sec-Butylbenzene

Concen: 0.015 ppbv

RT: 11.772 min Scan# 3610

Delta R.T. 0.004 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

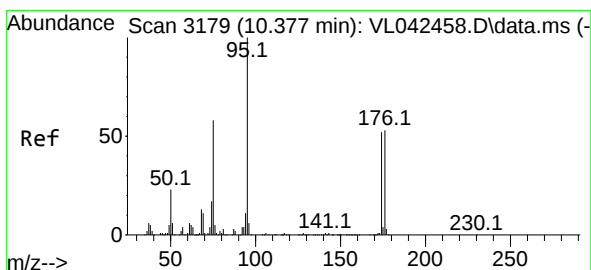
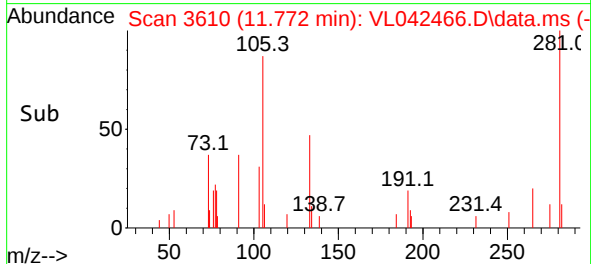
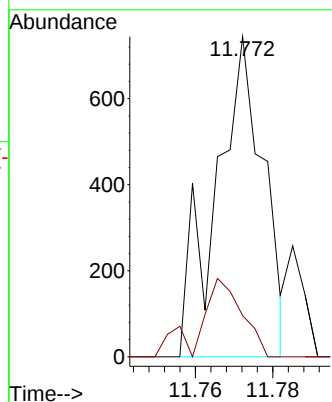
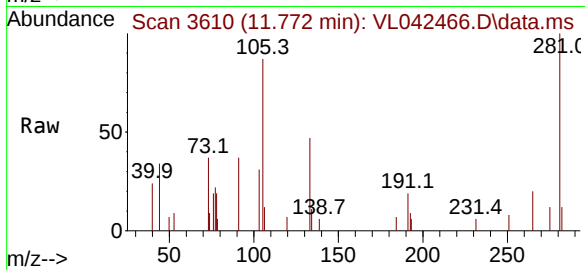
VSTDIC0.03

Tgt Ion:105 Resp: 635

Ion Ratio Lower Upper

105 100

134 21.9 14.1 21.1#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.918 ppbv

RT: 10.380 min Scan# 3180

Delta R.T. 0.004 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

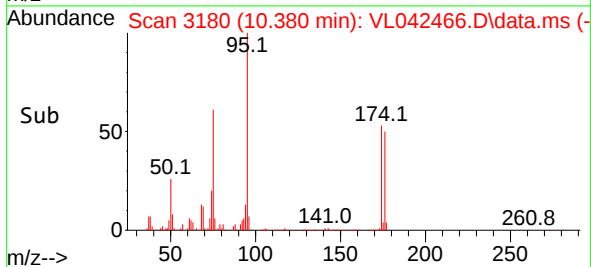
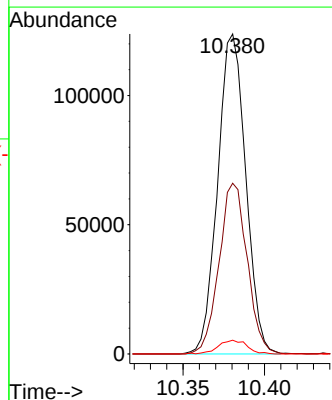
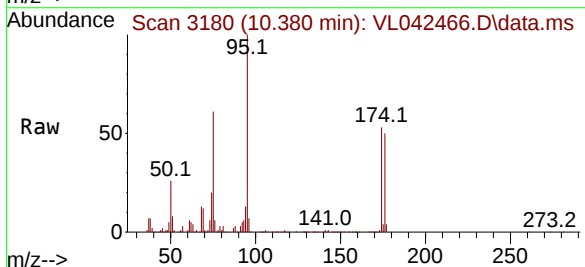
Tgt Ion: 95 Resp: 148088

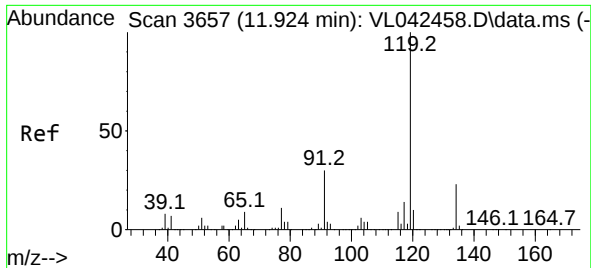
Ion Ratio Lower Upper

95 100

174 53.5 42.7 64.1

175 4.4 3.6 5.4





#69

p-Isopropyltoluene

Concen: 0.017 ppbv

RT: 11.934 min Scan# 3

Delta R.T. 0.010 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

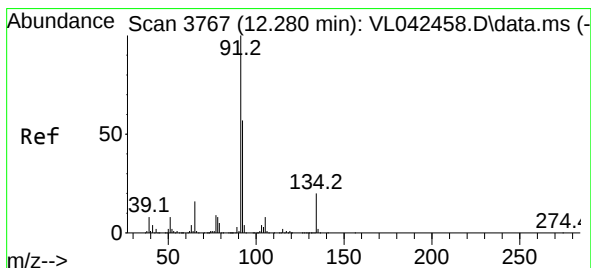
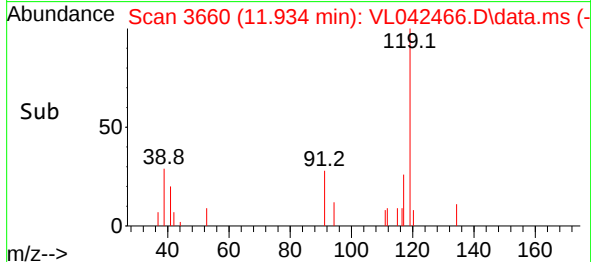
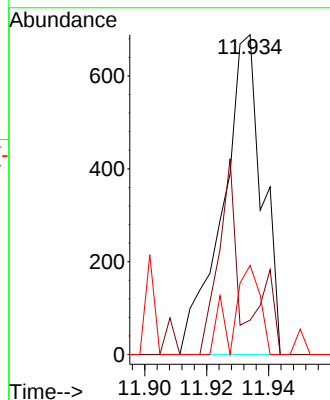
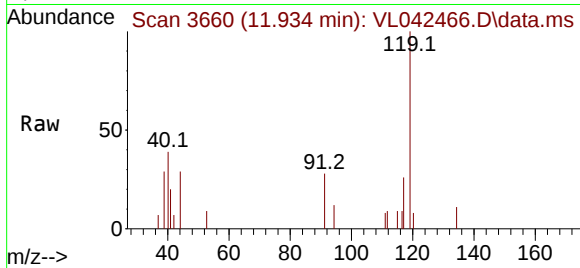
Tgt Ion:119 Resp: 606

Ion Ratio Lower Upper

119 100

134 40.6 19.0 28.4#

91 21.0 25.5 38.3#



#70

n-Butylbenzene

Concen: 0.005 ppbv

RT: 12.290 min Scan# 3770

Delta R.T. 0.010 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

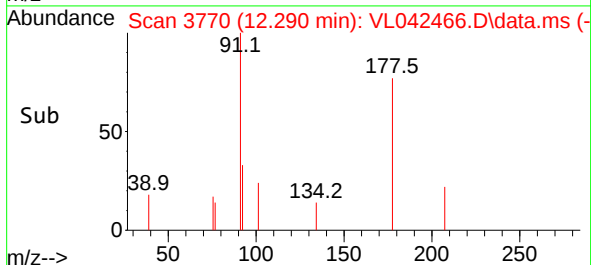
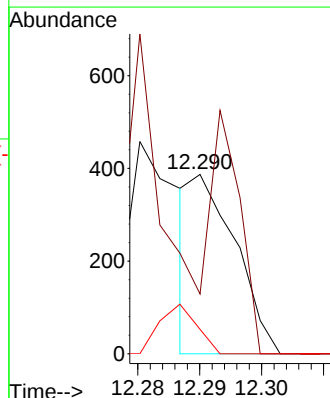
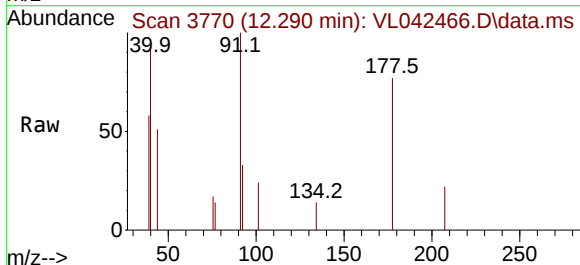
Tgt Ion: 91 Resp: 192

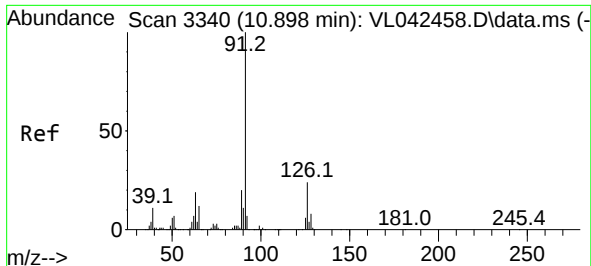
Ion Ratio Lower Upper

91 100

92 0.0 44.0 66.0#

134 23.4 16.8 25.2

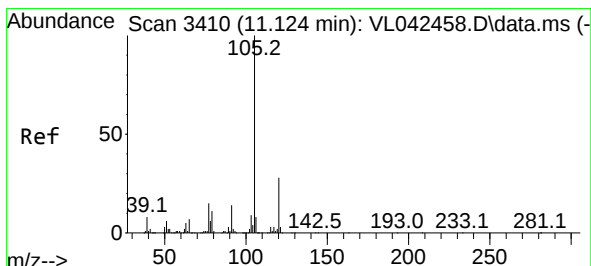
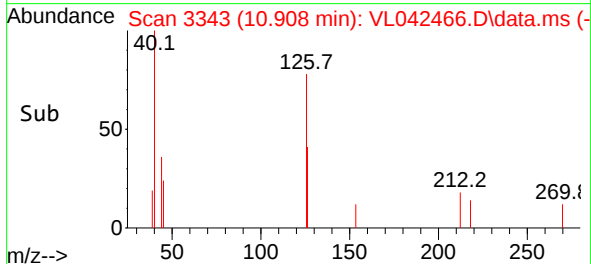
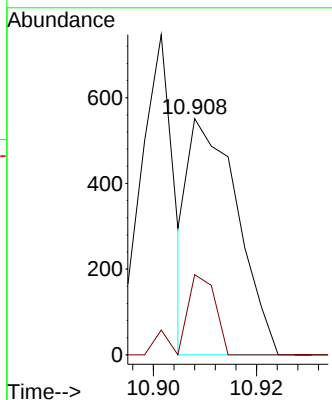
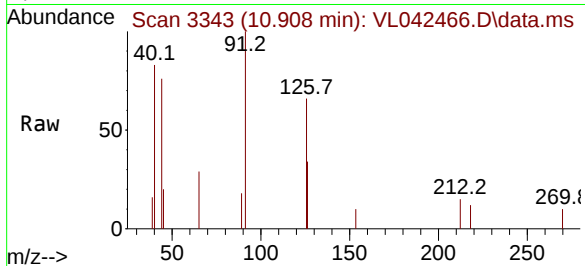




#71
2-Chlorotoluene
Concen: 0.014 ppbv
RT: 10.908 min Scan# 311
Delta R.T. 0.010 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

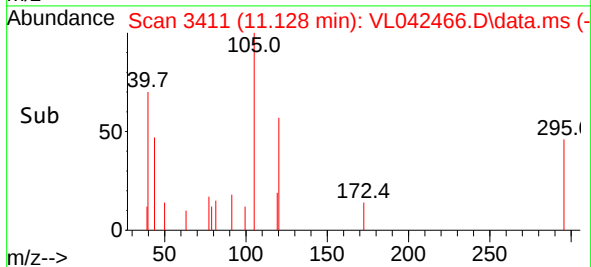
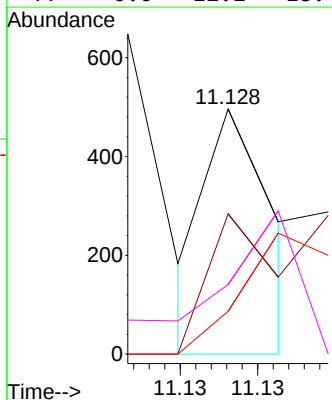
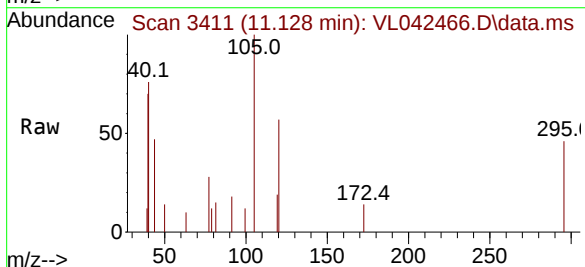
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

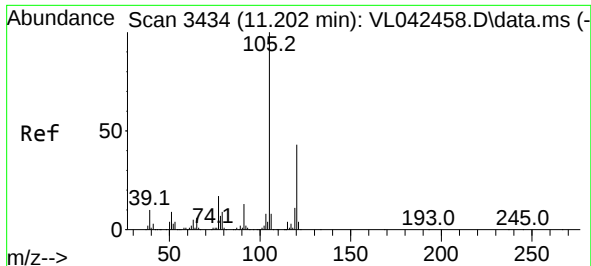
Tgt Ion: 91 Resp: 362
Ion Ratio Lower Upper
91 100
126 21.8 10.6 42.2



#72
4-Ethyltoluene
Concen: 0.006 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.004 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion: 105 Resp: 148
Ion Ratio Lower Upper
105 100
120 122.3 22.0 33.0#
91 0.0 11.2 16.8#
77 0.0 12.2 18.4#

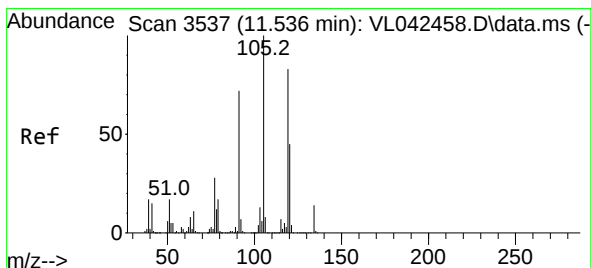
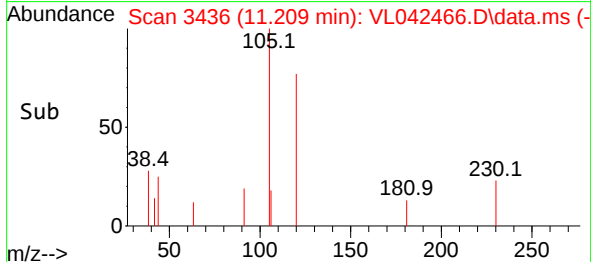
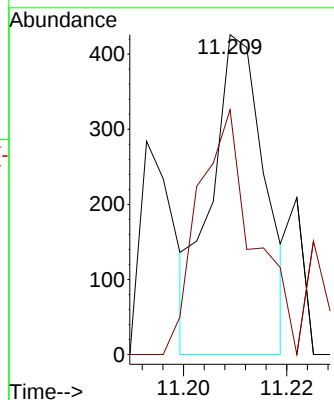
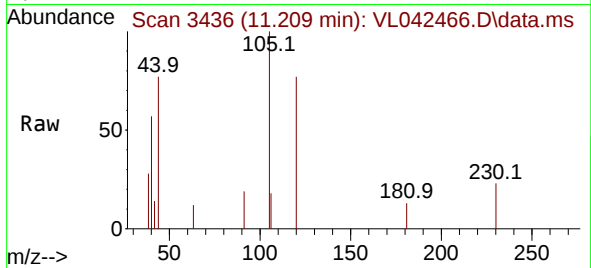




#73
1,3,5-Trimethylbenzene
Concen: 0.013 ppbv
RT: 11.209 min Scan# 3434
Delta R.T. 0.007 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

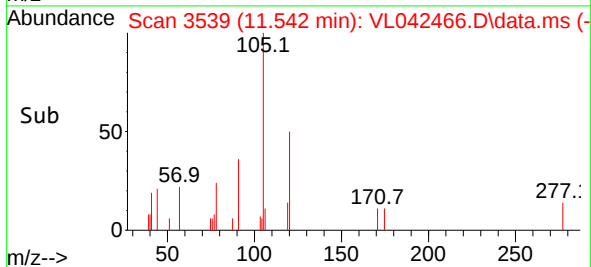
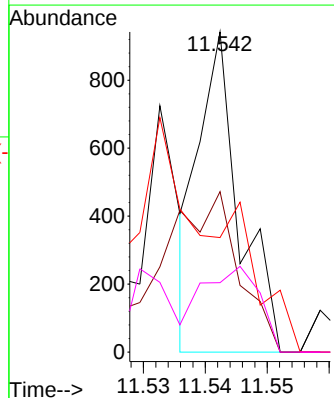
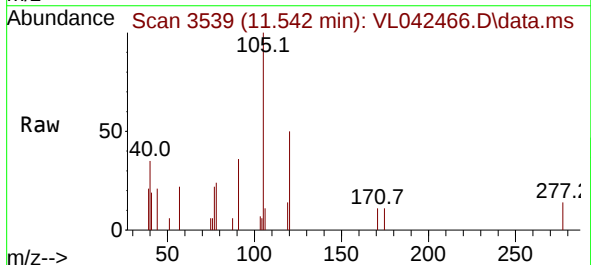
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

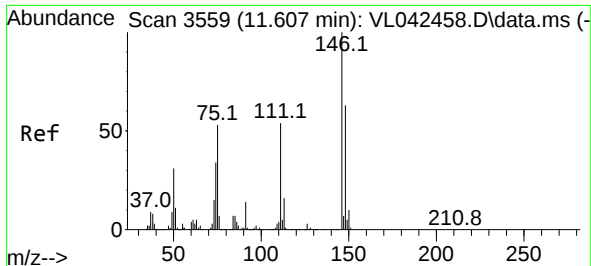
Tgt Ion:105 Resp: 307
Ion Ratio Lower Upper
105 100
120 95.2 34.4 51.6#



#74
1,2,4-Trimethylbenzene
Concen: 0.015 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.007 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion:105 Resp: 424
Ion Ratio Lower Upper
105 100
120 50.1 36.1 54.1
91 16.5 57.6 86.4#
77 21.7 22.1 33.1#

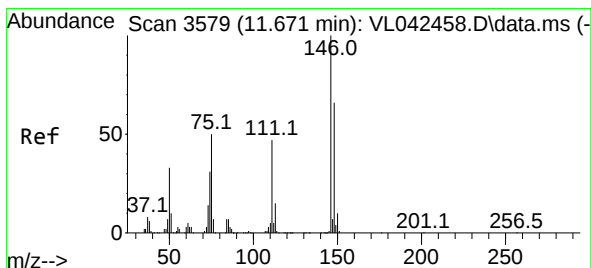
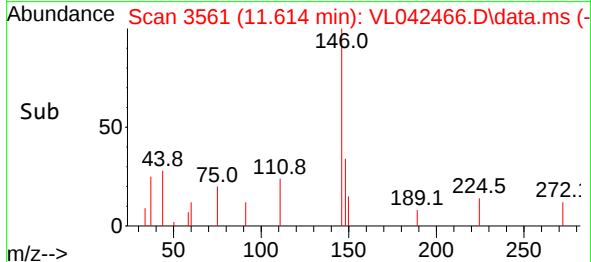
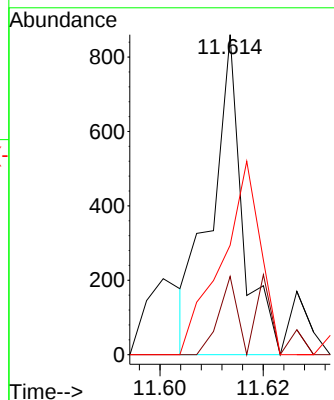
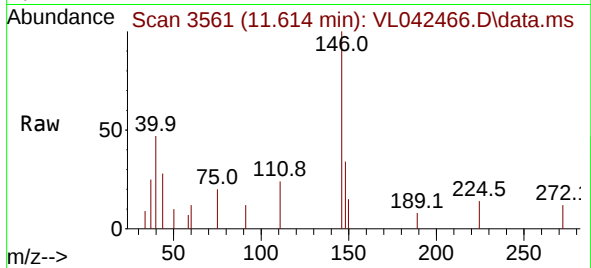




#75
1,3-Dichlorobenzene
Concen: 0.023 ppbv
RT: 11.614 min Scan# 3561
Delta R.T. 0.007 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

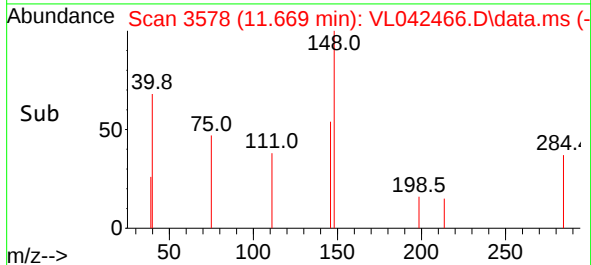
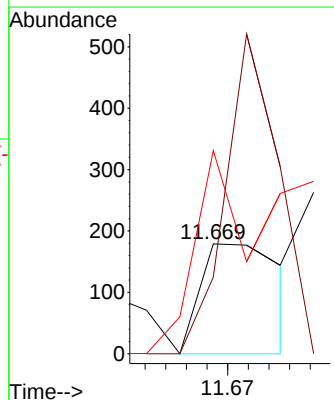
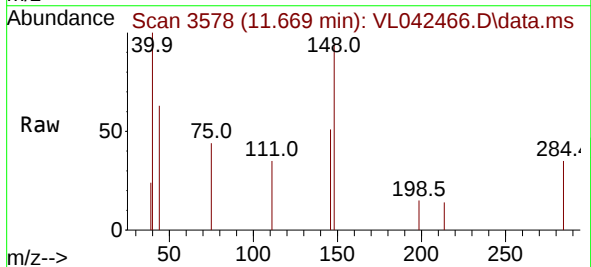
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

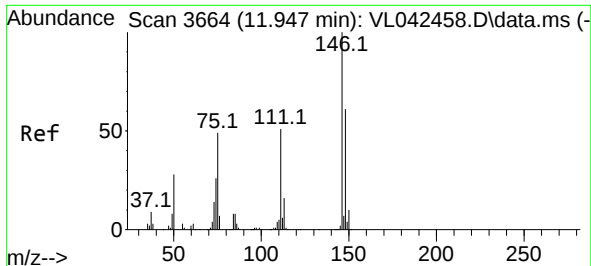
Tgt Ion:146	Resp:	362	
Ion	Ratio	Lower	Upper
146	100		
111	29.8	26.1	78.3
148	83.4	32.0	96.0



#76
1,4-Dichlorobenzene
Concen: 0.006 ppbv
RT: 11.669 min Scan# 3578
Delta R.T. -0.003 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion:146	Resp:	97	
Ion	Ratio	Lower	Upper
146	100		
111	285.6	24.4	73.2#
148	273.2	32.0	96.2#

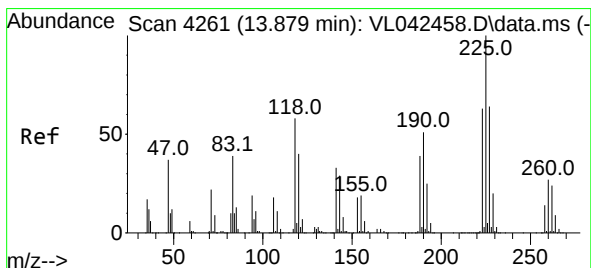
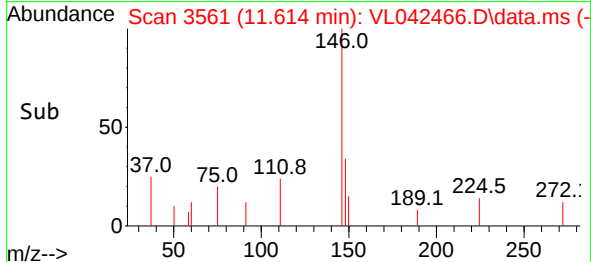
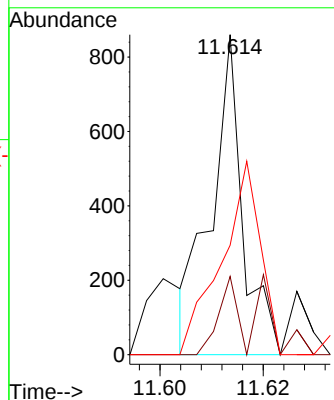
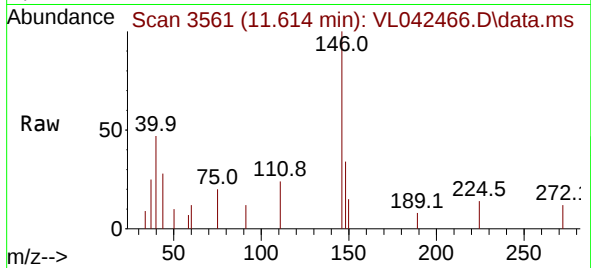




#77
1,2-Dichlorobenzene
Concen: 0.023 ppbv
RT: 11.614 min Scan# 31
Delta R.T. -0.333 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

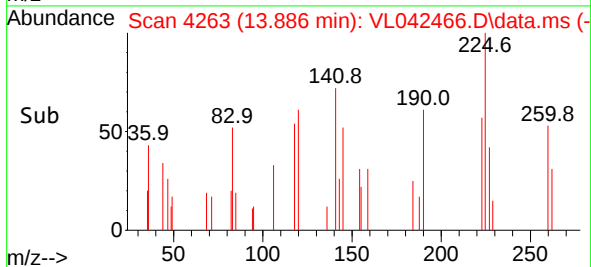
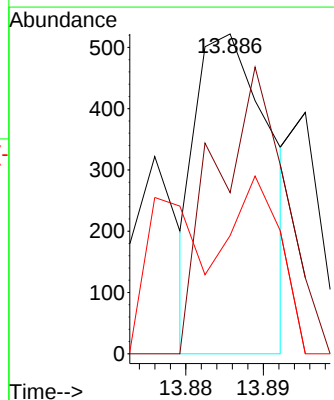
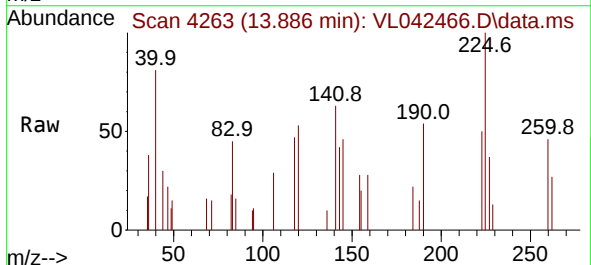
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

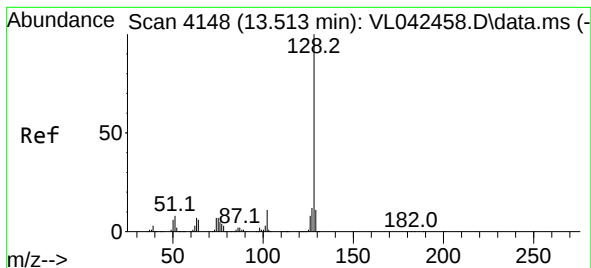
Tgt Ion:	146	Resp:	362
Ion	Ratio	Lower	Upper
146	100		
111	29.8	26.5	79.5
148	83.4	31.5	94.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.022 ppbv
RT: 13.886 min Scan# 4263
Delta R.T. 0.007 min
Lab File: VL042466.D
Acq: 01 May 2025 14:10

Tgt Ion:	225	Resp:	344
Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.2	75.4#
227	0.0	51.2	76.8#





#79

Naphthalene

Concen: 0.021 ppbv

RT: 13.520 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

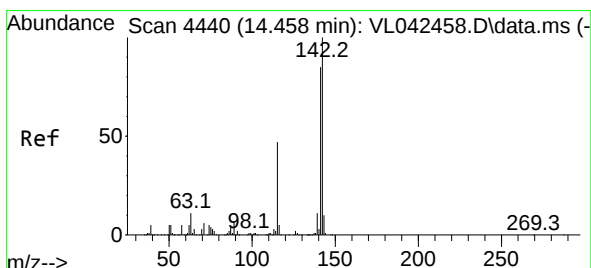
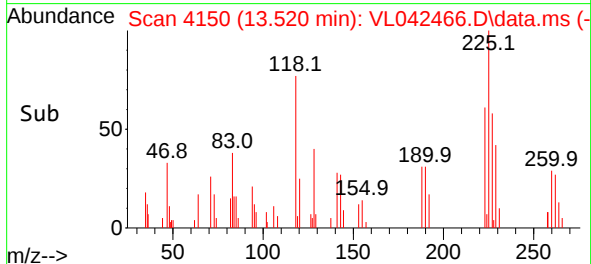
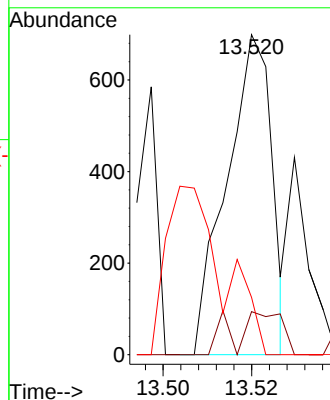
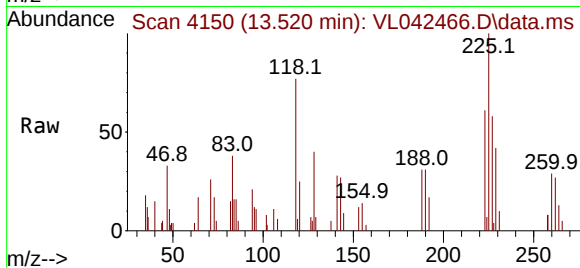
Tgt Ion:128 Resp: 497

Ion Ratio Lower Upper

128 100

127 13.4 9.7 14.5

129 17.9 8.6 13.0#



#80

Naphthalene,2-methyl-

Concen: 0.224 ppbv

RT: 14.361 min Scan# 4410

Delta R.T. -0.097 min

Lab File: VL042466.D

Acq: 01 May 2025 14:10

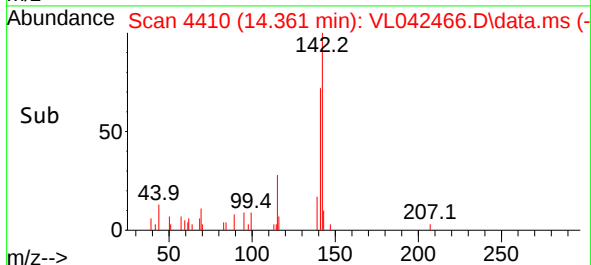
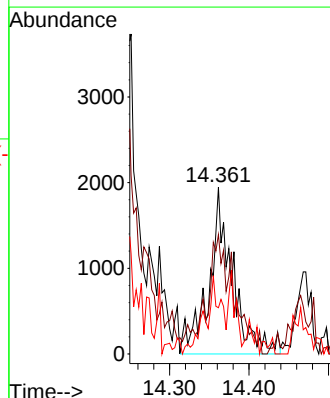
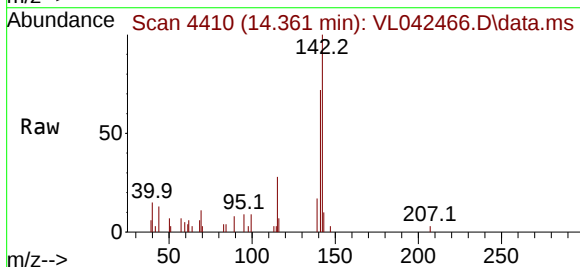
Tgt Ion:142 Resp: 3971

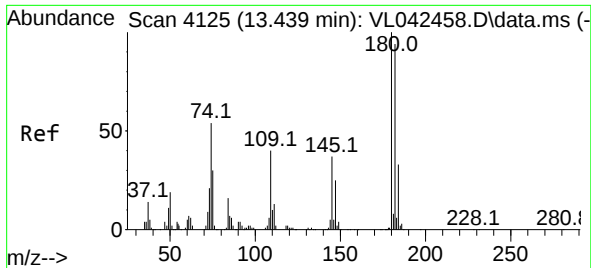
Ion Ratio Lower Upper

142 100

141 84.9 67.4 101.0

115 48.7 36.9 55.3





#81

1,2,4-Trichlorobenzene

Concen: 0.030 ppbv

RT: 13.442 min Scan# 41

Delta R.T. 0.004 min

Lab File: VL042466.D

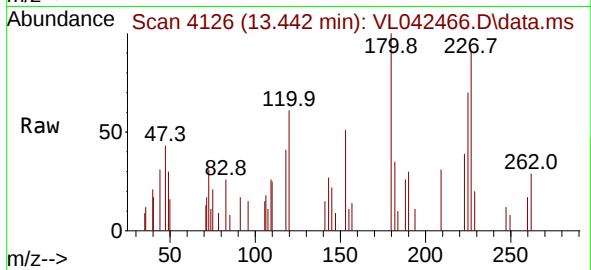
Acq: 01 May 2025 14:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03



Tgt Ion:	180	Resp:	384
Ion	Ratio	Lower	Upper
180	100		
182	126.8	74.6	111.8#
184	28.6	24.9	37.3

