

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021125\
 Data File : VL042002.D
 Acq On : 11 Feb 2025 14:00
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Feb 11 22:20:33 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 23:15:42 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	155013	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.952	114	431380	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.878	117	380750	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.374	95	305350	10.182	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	184400	8.733	ppbv	96
3) Chlorodifluoromethane	1.473	51	224370	10.144	ppbv	100
4) Chloromethane	1.531	50	85132	10.721	ppbv	97
5) Vinyl Chloride	1.580	62	79281	9.857	ppbv	96
6) Bromomethane	1.667	94	35861	9.355	ppbv	93
7) Chloroethane	1.703	64	32756	10.467	ppbv	96
8) Dichlorotetrafluoroethane	1.554	85	179673	9.737	ppbv	97
9) Propene	1.483	41	88709	9.735	ppbv	97
10) Heptane	4.975	43	261627	10.742	ppbv	96
11) Trichlorofluoromethane	1.874	101	200583	9.132	ppbv	93
12) 1,1,2-Trichlorotrifluo...	2.136	101	166169	9.653	ppbv	100
13) Ethanol	1.719	45	5093	7.631	ppbv	84
14) Bromoethene	1.780	108	57003	9.044	ppbv	99
15) Acetone	1.832	43	169826	9.121	ppbv	99
16) 1,3-Butadiene	1.609	39	84312	10.089	ppbv	99
17) tert-Butyl alcohol	2.039	59	206534	9.013	ppbv	98
18) 1,1-Dichloroethene	2.033	96	72946	9.402	ppbv	99
19) Isopropyl Alcohol	1.884	45	99093	8.976	ppbv #	35
20) Methylene Chloride	2.059	84	64524	8.769	ppbv	96
21) Allyl Chloride	2.094	41	129224	10.023	ppbv	98
22) trans-1,2-Dichloroethene	2.337	96	82768	9.452	ppbv	95
23) Vinyl Acetate	2.460	43	93558	10.137	ppbv #	97
24) 1,1-Dichloroethane	2.405	63	168523	9.950	ppbv	98
25) Ethyl Acetate	2.836	43	536046	10.677	ppbv	99
26) Hexane	2.823	57	207023	10.426	ppbv	94
27) Carbon Disulfide	2.149	76	200576	10.208	ppbv	99
28) Methyl tert-Butyl Ether	2.441	73	133778	8.815	ppbv	98
29) Chloroform	2.845	83	318691	10.153	ppbv	99
30) Cyclohexane	3.852	84	172075	9.991	ppbv	98
31) cis-1,2-Dichloroethene	2.719	61	197195	9.432	ppbv	95
32) 1,1,1-Trichloroethane	3.363	97	297241	9.896	ppbv	98
34) 2-Butanone	2.554	43	303782	11.073	ppbv	97
35) Carbon Tetrachloride	3.758	117	302914	11.179	ppbv	99
36) Benzene	3.651	78	419367	10.599	ppbv	99
37) 1,2-Dichloroethane	3.214	62	228485	10.283	ppbv	99
38) Trichloroethene	4.545	130	163963	10.443	ppbv	97
39) 1,2-Dichloropropane	4.308	63	147602	10.635	ppbv	95
40) 1,4-Dioxane	4.580	88	71966	10.268	ppbv #	96
41) Tetrahydrofuran	3.052	42	165965	11.132	ppbv	97
42) Bromodichloromethane	4.483	83	320010	10.741	ppbv	96
43) Methyl Methacrylate	4.875	69	150261	10.223	ppbv	99
44) 2,2,4-Trimethylpentane	4.635	57	716650	11.198	ppbv	98
45) t-1,3-Dichloropropene	6.412	75	134348	9.765	ppbv	95

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 Misc : 400mL/MSVOA_L
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Instrument :
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 ClientSampleId :
 VSTDCCC010EC

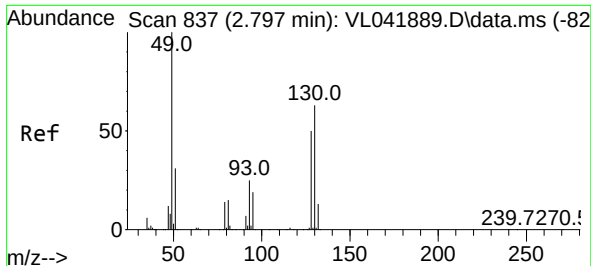
Quant Time: Feb 11 22:20:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.596	75	183720	10.171	ppbv	95
47) 1,1,2-Trichloroethane	6.577	97	161478	10.978	ppbv	99
48) Dibromochloromethane	7.383	129	249545	10.995	ppbv	99
49) Bromoform	9.477	173	208468	11.182	ppbv	99
50) 4-Methyl-2-Pentanone	5.752	43	401314	10.716	ppbv	98
51) 2-Hexanone	7.435	43	311762	10.834	ppbv #	95
52) Tetrachloroethene	8.221	164	130045	9.479	ppbv	94
53) Toluene	6.930	91	449573	10.431	ppbv	100
54) 1,2-Dibromoethane	7.648	107	218030	10.782	ppbv	95
56) 1,1,1,2-Tetrachloroethane	8.920	131	209115	11.008	ppbv	99
57) Chlorobenzene	8.917	112	375739	10.698	ppbv	96
58) Ethyl Benzene	9.351	91	628767	10.567	ppbv	100
59) m/p-Xylene	9.548	91	1041185m	21.830	ppbv	
60) o-Xylene	9.959	91	525151	11.093	ppbv	98
61) Styrene	9.869	104	226107	10.647	ppbv	99
62) Isopropylbenzene	10.539	105	786537	10.737	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.959	83	349541	11.554	ppbv	100
64) n-propylbenzene	10.985	120	204195	11.031	ppbv	98
65) tert-Butylbenzene	11.529	119	713820	10.692	ppbv	98
66) Benzyl Chloride	11.617	91	40619	9.830	ppbv	99
67) sec-Butylbenzene	11.765	105	999167	10.869	ppbv	100
69) p-Isopropyltoluene	11.924	119	820067	10.833	ppbv	98
70) n-Butylbenzene	12.280	91	805425	10.729	ppbv	100
71) 2-Chlorotoluene	10.898	91	567976	10.481	ppbv	97
72) 4-Ethyltoluene	11.125	105	626157	11.057	ppbv	99
73) 1,3,5-Trimethylbenzene	11.202	105	530930	10.617	ppbv	91
74) 1,2,4-Trimethylbenzene	11.536	105	593089	10.951	ppbv	92
75) 1,3-Dichlorobenzene	11.607	146	343840	10.714	ppbv	99
76) 1,4-Dichlorobenzene	11.672	146	337469	10.748	ppbv	98
77) 1,2-Dichlorobenzene	11.947	146	341863	10.749	ppbv	100
78) Hexachloro-1,3-Butadiene	13.882	225	233854	8.958	ppbv	100
79) Naphthalene	13.513	128	511725	9.385	ppbv	99
80) Naphthalene,2-methyl-	14.458	142	130552	5.050	ppbv	99
81) 1,2,4-Trichlorobenzene	13.439	180	226328	8.504	ppbv	98

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

Quant Time: Feb 11 22:20:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

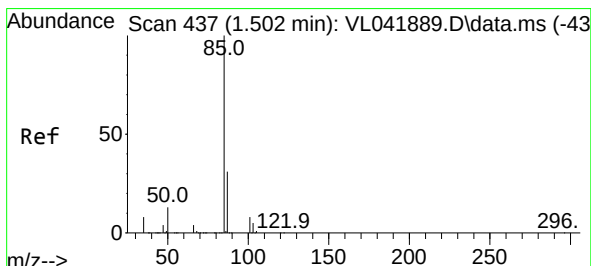
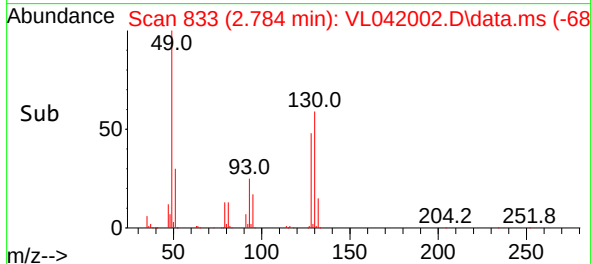
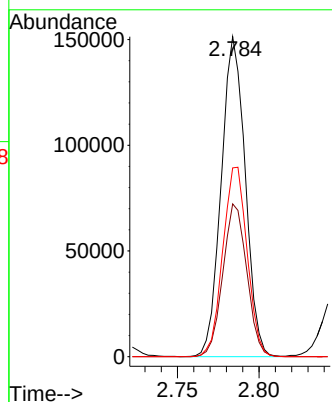
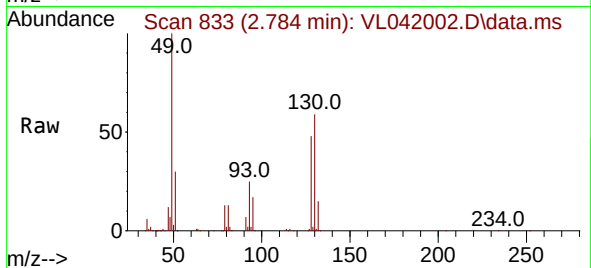




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

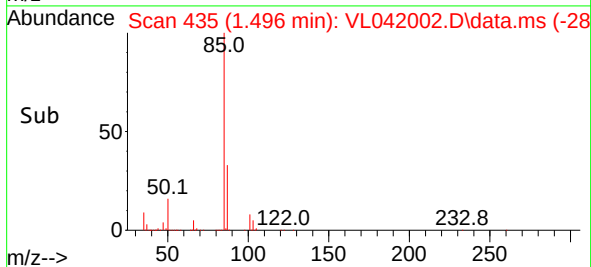
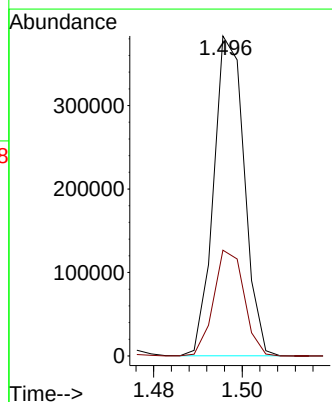
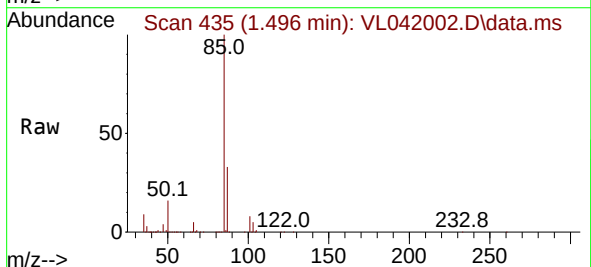
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

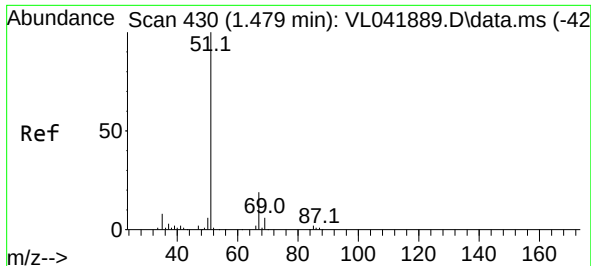
Tgt Ion: 49 Resp: 155013
Ion Ratio Lower Upper
49 100
128 47.5 24.3 73.0
130 60.0 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 8.733 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.006 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

Tgt Ion: 85 Resp: 184400
Ion Ratio Lower Upper
85 100
87 33.0 24.9 37.3

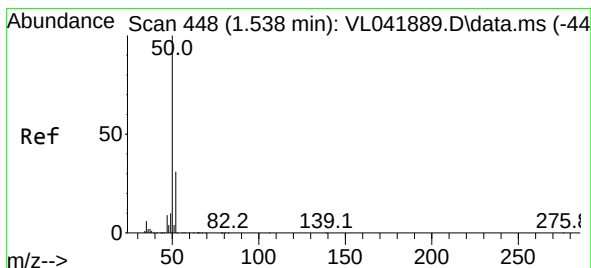
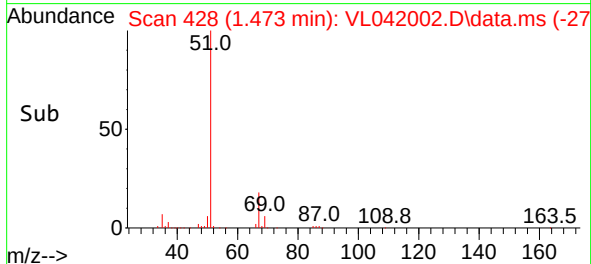
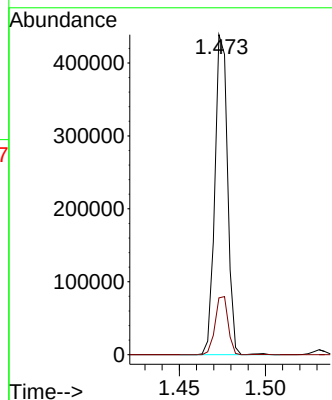
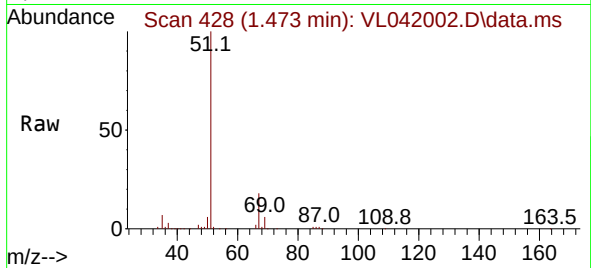




#3
Chlorodifluoromethane
Concen: 10.144 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

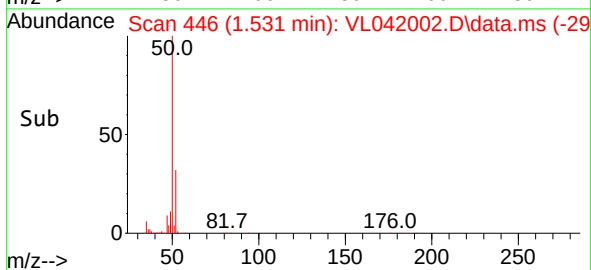
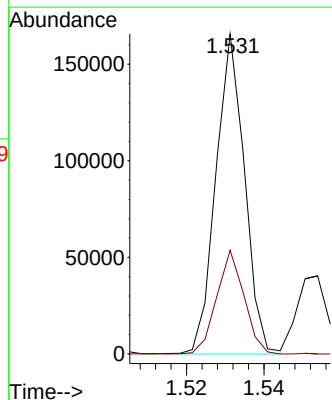
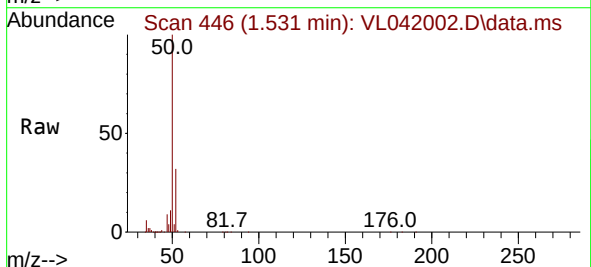
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MSVOA_L
ClientSampleId :
VSTDCCC010EC

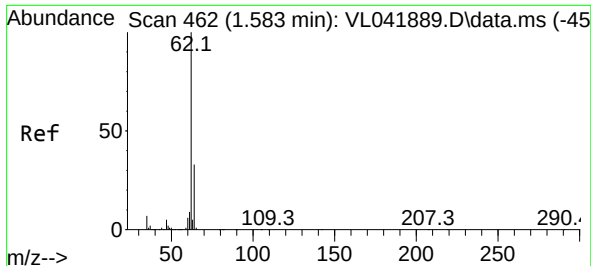
Tgt Ion: 51 Resp: 224370
Ion Ratio Lower Upper
51 100
67 18.6 15.0 22.4



#4
Chloromethane
Concen: 10.721 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.006 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

Tgt Ion: 50 Resp: 85132
Ion Ratio Lower Upper
50 100
52 32.5 24.6 36.8

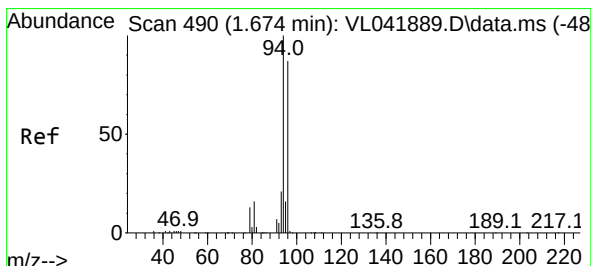
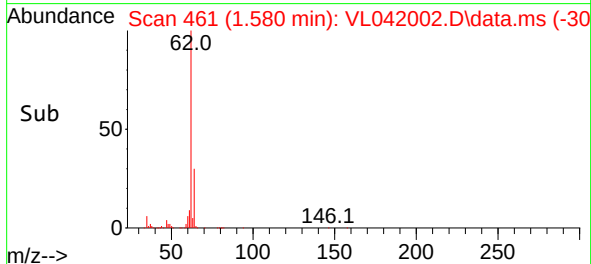
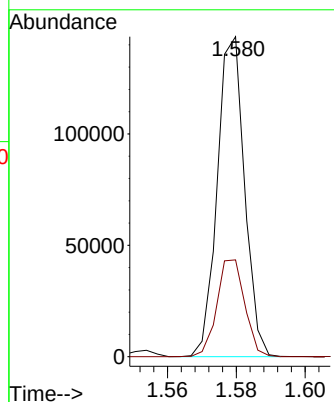
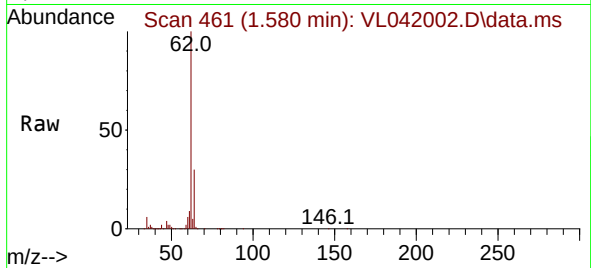




#5
 Vinyl Chloride
 Concen: 9.857 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.003 min
 Lab File: VL042002.D
 Acq: 11 Feb 2025 14:00

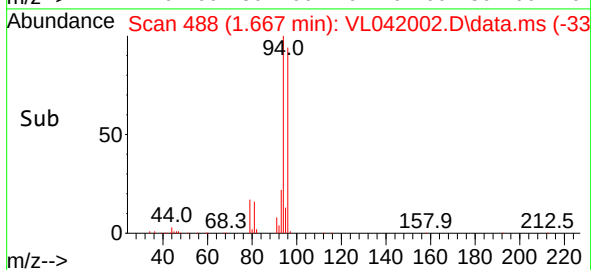
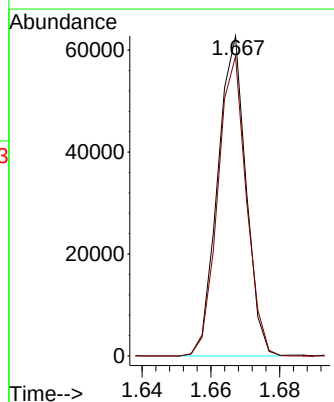
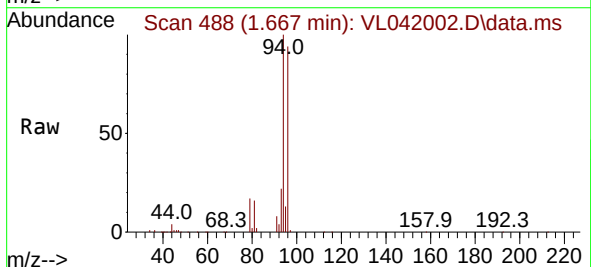
Instrument :
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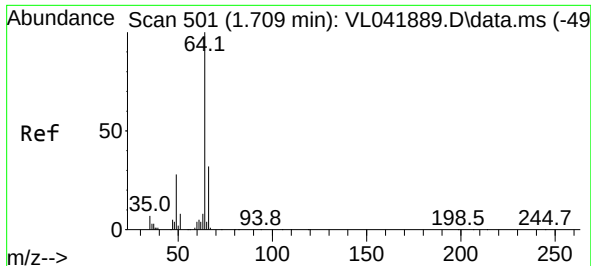
Tgt Ion: 62 Resp: 79281
 Ion Ratio Lower Upper
 62 100
 64 30.3 26.1 39.1



#6
 Bromomethane
 Concen: 9.355 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.006 min
 Lab File: VL042002.D
 Acq: 11 Feb 2025 14:00

Tgt Ion: 94 Resp: 35861
 Ion Ratio Lower Upper
 94 100
 96 93.7 69.5 104.3

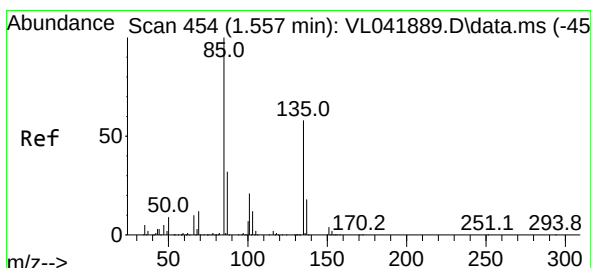
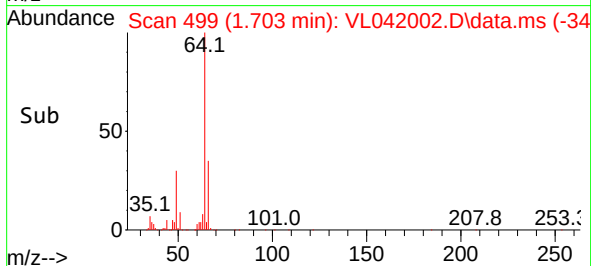
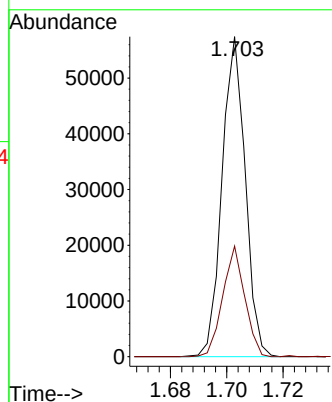
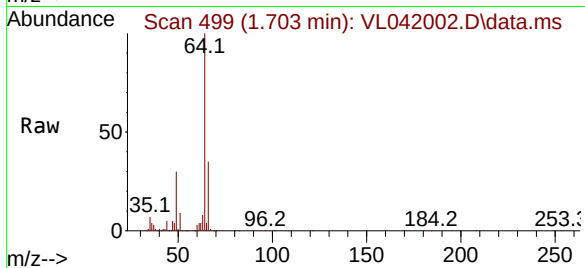




#7
Chloroethane
Concen: 10.467 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.006 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

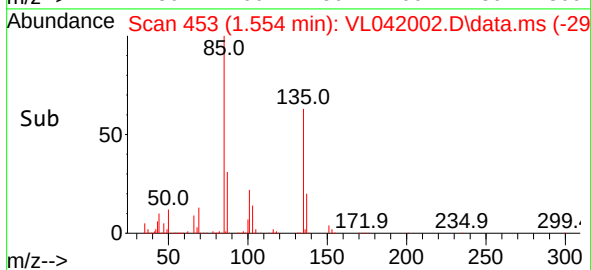
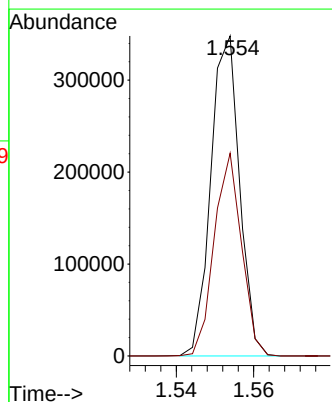
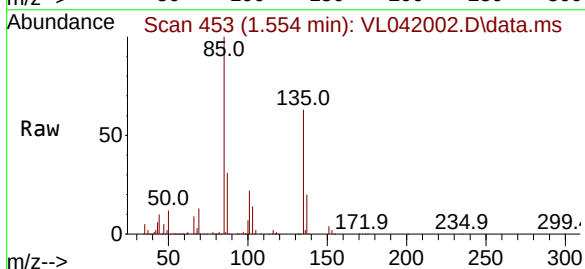
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ClientSampleId :
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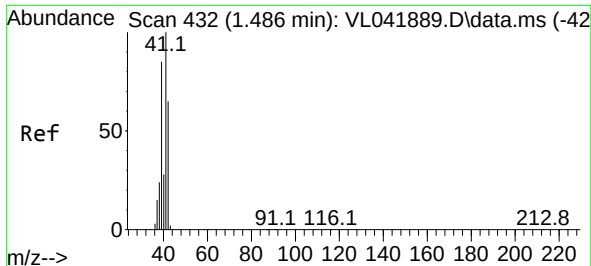
Tgt Ion: 64 Resp: 32756
Ion Ratio Lower Upper
64 100
66 34.6 25.7 38.5



#8
Dichlorotetrafluoroethane
Concen: 9.737 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.003 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

Tgt Ion: 85 Resp: 179673
Ion Ratio Lower Upper
85 100
135 60.2 50.0 75.0





#9

Propene

Concen: 9.735 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042002.D

Acq: 11 Feb 2025 14:00

Instrument :

MSVOA_L

ClientSampleId :

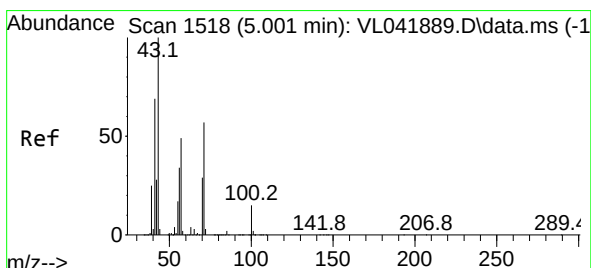
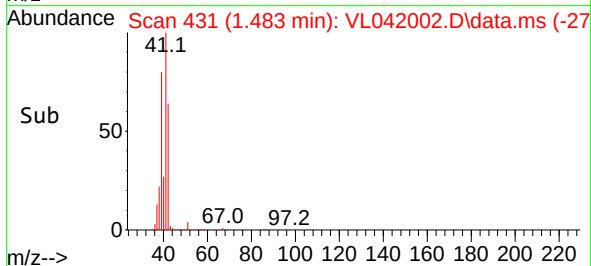
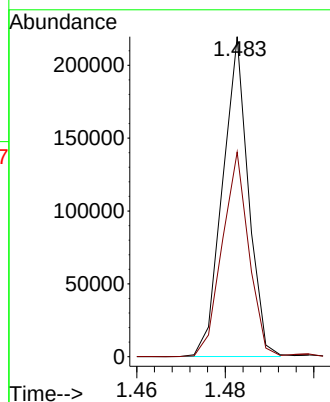
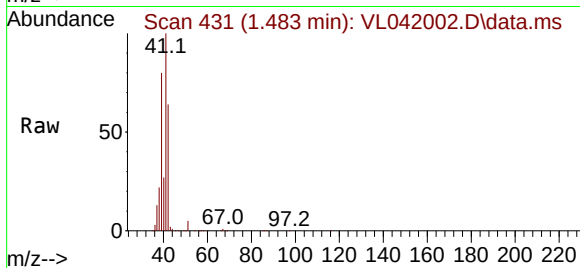
VSTDCCC010EC

Tgt Ion: 41 Resp: 88709

Ion Ratio Lower Upper

41 100

42 67.4 52.0 78.0



#10

Heptane

Concen: 10.742 ppbv

RT: 4.975 min Scan# 1510

Delta R.T. -0.026 min

Lab File: VL042002.D

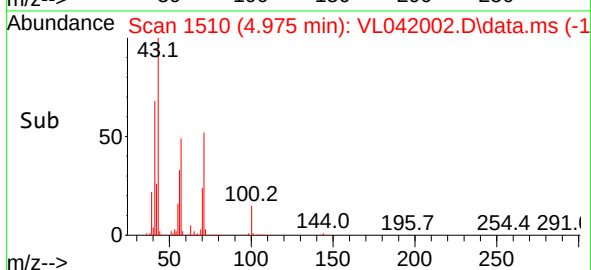
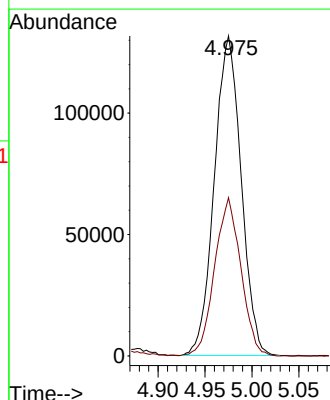
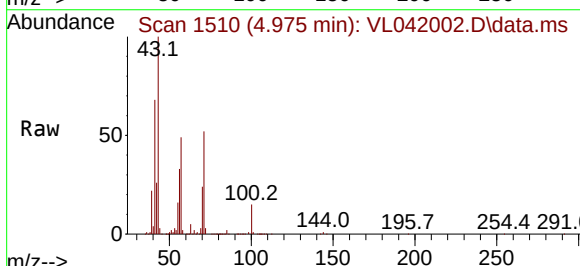
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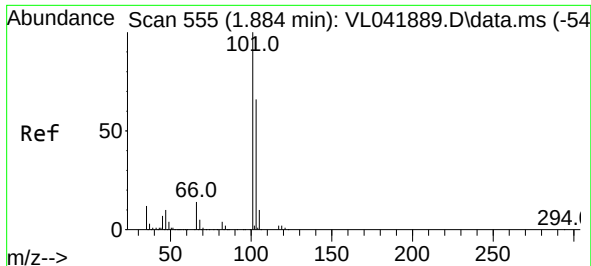
Tgt Ion: 43 Resp: 261627

Ion Ratio Lower Upper

43 100

57 48.6 41.0 61.4

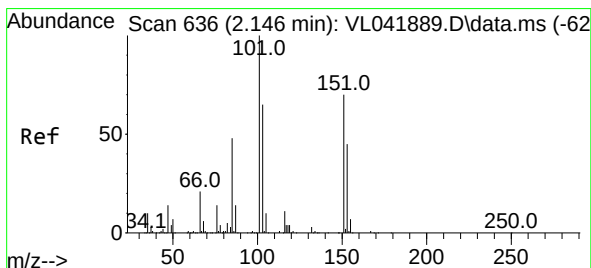
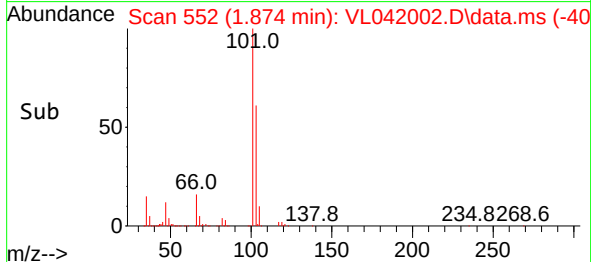
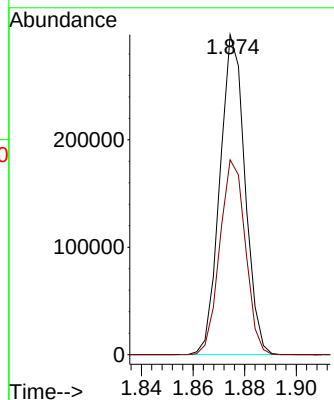
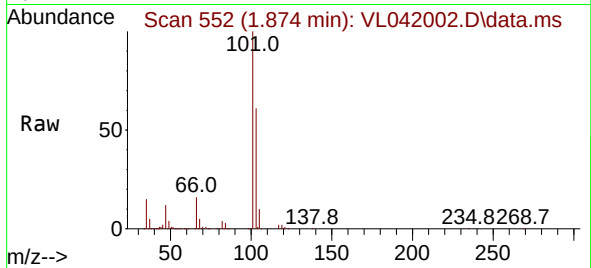




#11
 Trichlorofluoromethane
 Concen: 9.132 ppbv
 RT: 1.874 min Scan# 511
 Delta R.T. -0.010 min
 Lab File: VL042002.D
 Acq: 11 Feb 2025 14:00

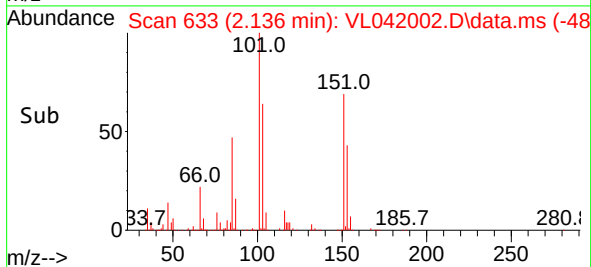
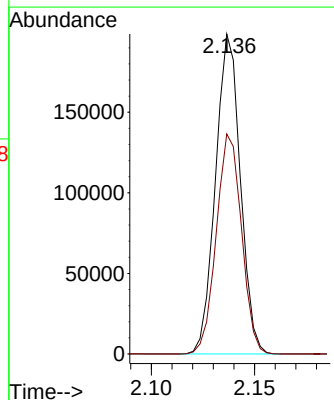
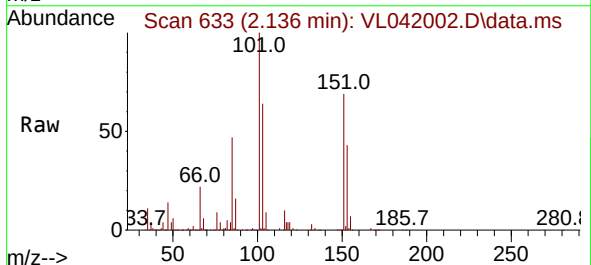
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

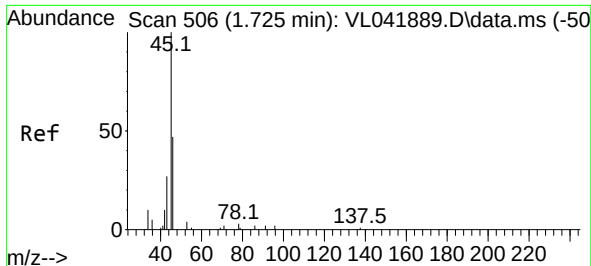
Tgt Ion:101 Resp: 200583
 Ion Ratio Lower Upper
 101 100
 103 60.9 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.653 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. -0.010 min
 Lab File: VL042002.D
 Acq: 11 Feb 2025 14:00

Tgt Ion:101 Resp: 166169
 Ion Ratio Lower Upper
 101 100
 151 69.8 56.1 84.1

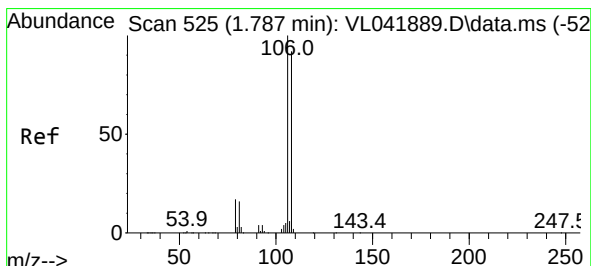
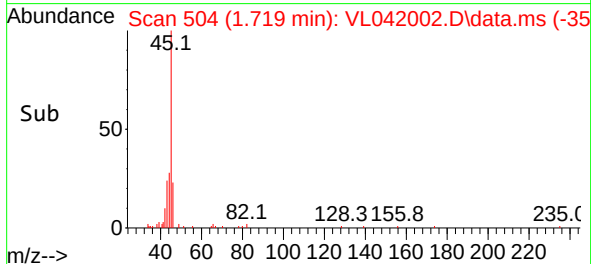
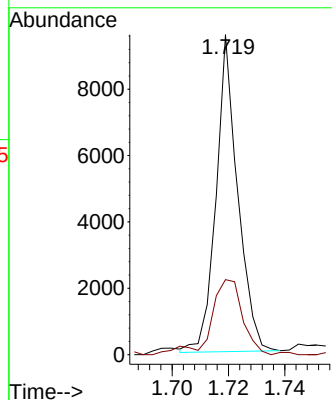
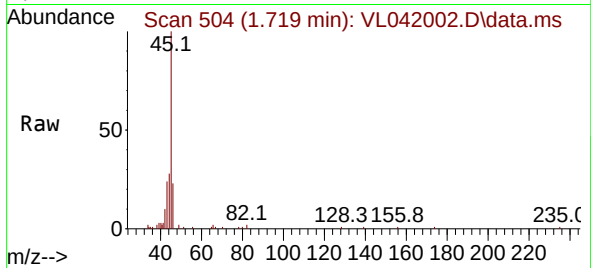




#13
Ethanol
Concen: 7.631 ppbv
RT: 1.719 min Scan# 506
Delta R.T. -0.006 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

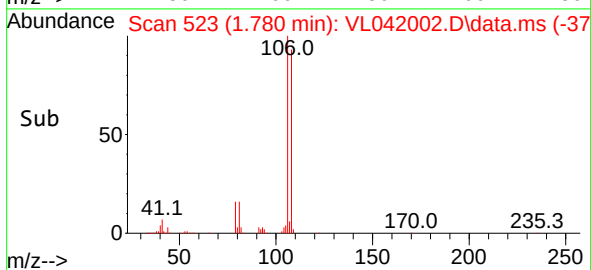
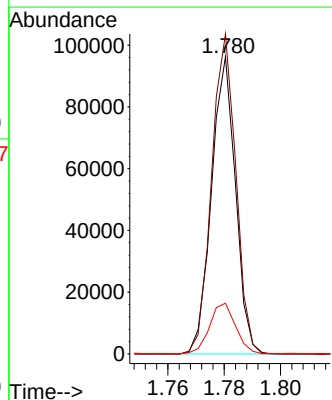
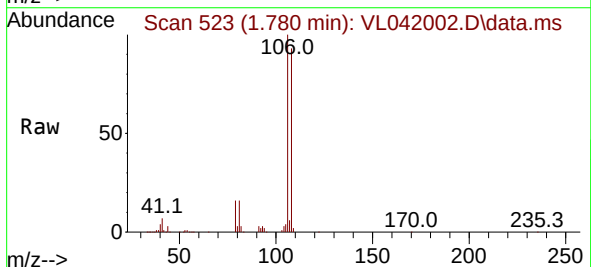
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

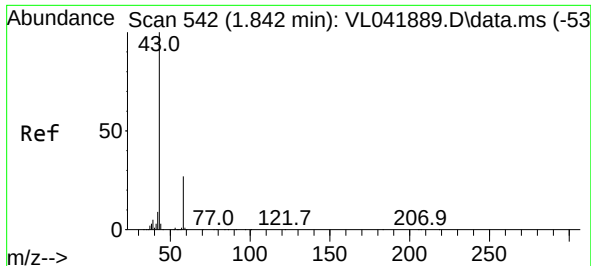
Tgt Ion: 45 Resp: 5093
Ion Ratio Lower Upper
45 100
46 34.9 18.1 72.5



#14
Bromoethene
Concen: 9.044 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.006 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

Tgt Ion: 108 Resp: 57003
Ion Ratio Lower Upper
108 100
106 108.2 85.5 128.3
79 19.2 15.3 22.9





#15

Acetone

Concen: 9.121 ppbv

RT: 1.832 min Scan# 51

Delta R.T. -0.010 min

Lab File: VL042002.D

Acq: 11 Feb 2025 14:00

Instrument :

MSVOA_L

ClientSampleId :

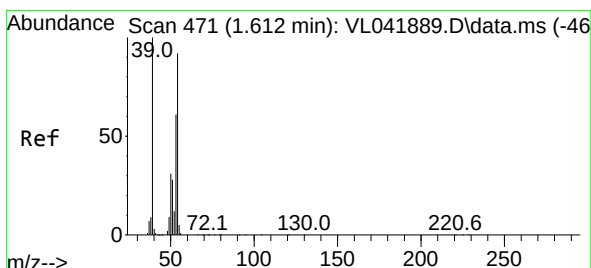
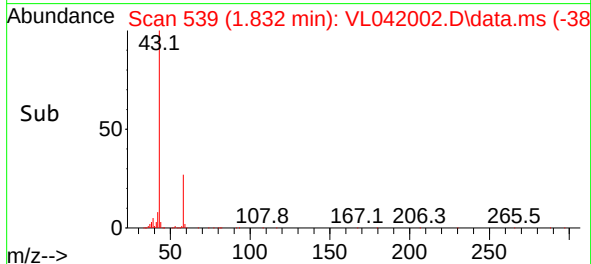
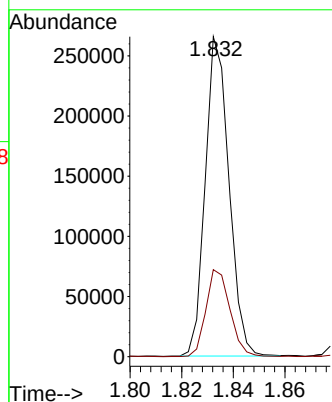
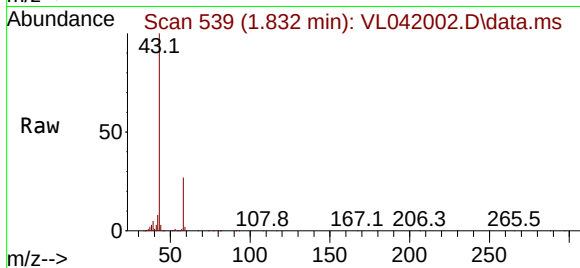
VSTDCCC010EC

Tgt Ion: 43 Resp: 169826

Ion Ratio Lower Upper

43 100

58 27.8 21.9 32.9



#16

1,3-Butadiene

Concen: 10.089 ppbv

RT: 1.609 min Scan# 470

Delta R.T. -0.003 min

Lab File: VL042002.D

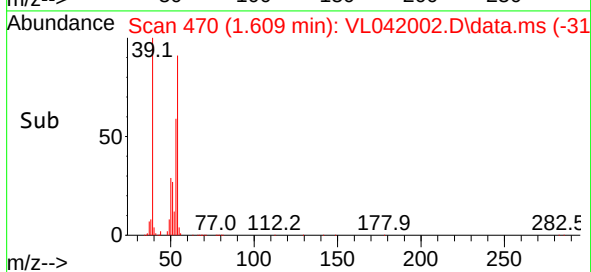
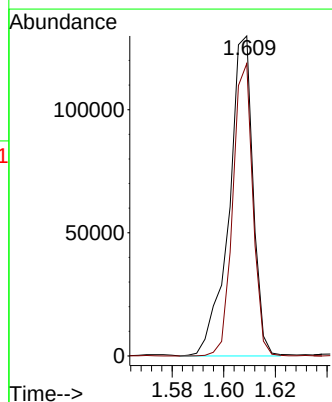
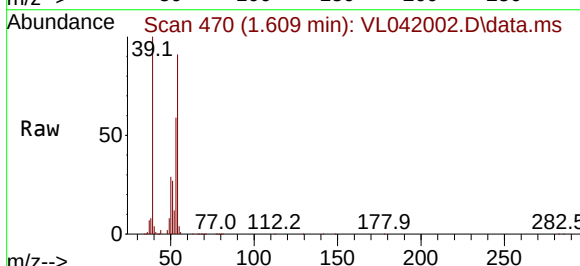
Acq: 11 Feb 2025 14:00

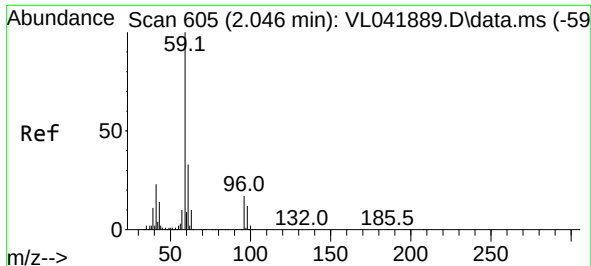
Tgt Ion: 39 Resp: 84312

Ion Ratio Lower Upper

39 100

54 76.4 61.6 92.4

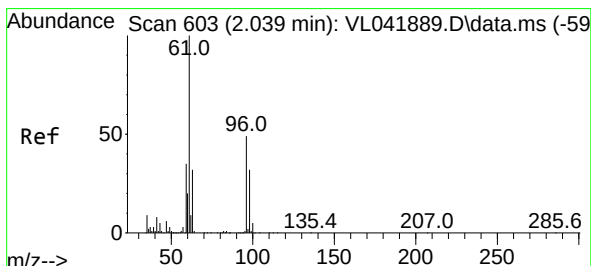
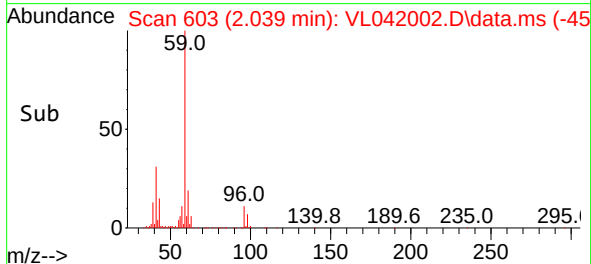
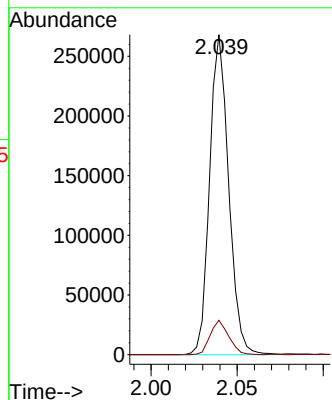
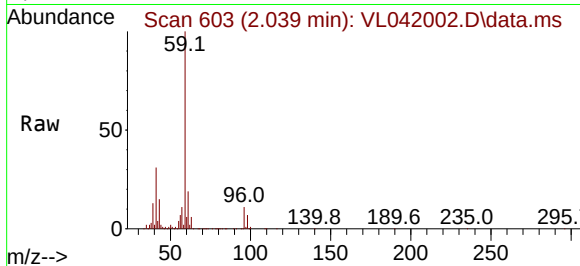




#17
tert-Butyl alcohol
Concen: 9.013 ppbv
RT: 2.039 min Scan# 601
Delta R.T. -0.006 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

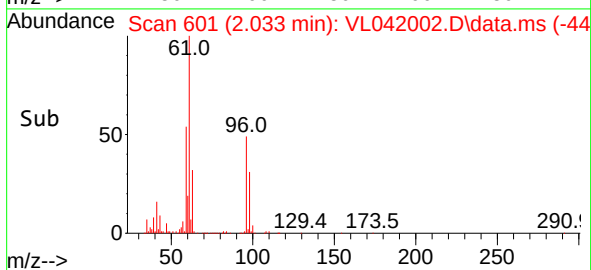
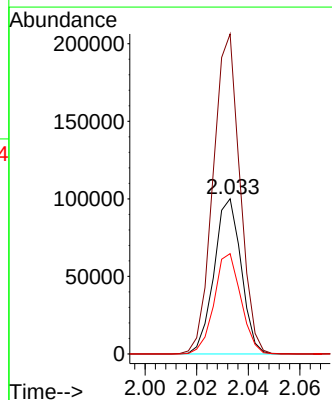
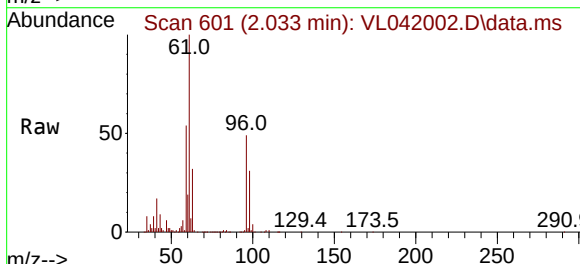
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

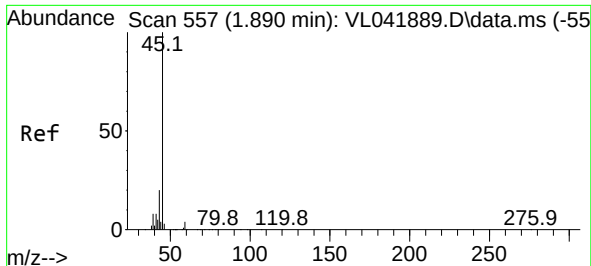
Tgt Ion: 59 Resp: 206534
Ion Ratio Lower Upper
59 100
57 10.5 7.8 11.8



#18
1,1-Dichloroethene
Concen: 9.402 ppbv
RT: 2.033 min Scan# 601
Delta R.T. -0.006 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

Tgt Ion: 96 Resp: 72946
Ion Ratio Lower Upper
96 100
61 205.9 163.1 244.7
98 64.7 52.7 79.1





#19

Isopropyl Alcohol

Concen: 8.976 ppbv

RT: 1.884 min Scan# 51

Delta R.T. -0.006 min

Lab File: VL042002.D

Acq: 11 Feb 2025 14:00

Instrument :

MSVOA_1

ClientSampleId :

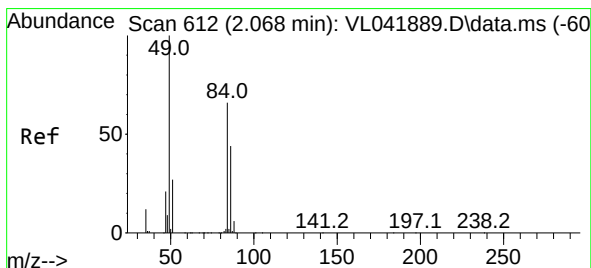
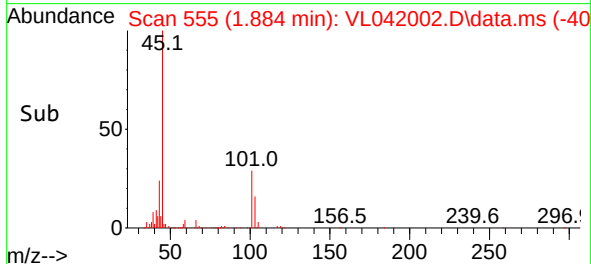
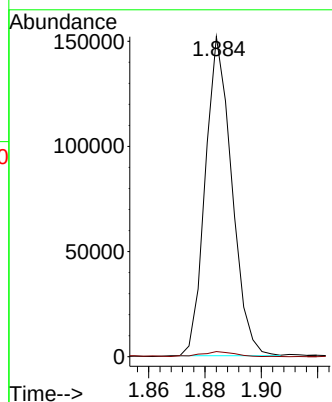
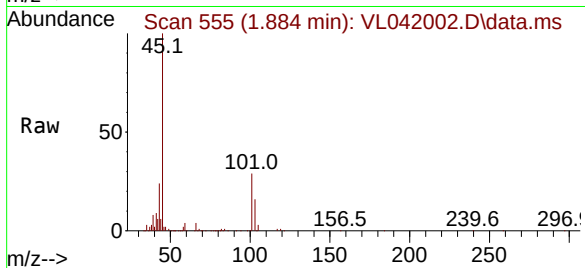
VSTDCCC010EC

Tgt Ion: 45 Resp: 99093

Ion Ratio Lower Upper

45 100

58 2.1 35.0 52.6#



#20

Methylene Chloride

Concen: 8.769 ppbv

RT: 2.059 min Scan# 609

Delta R.T. -0.010 min

Lab File: VL042002.D

Acq: 11 Feb 2025 14:00

Tgt Ion: 84 Resp: 64524

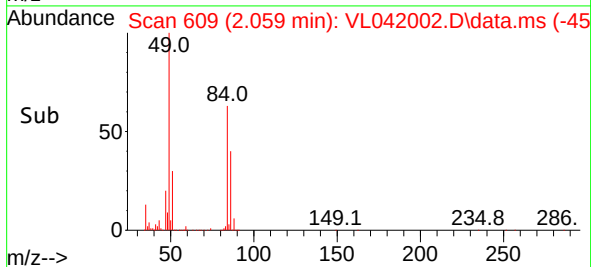
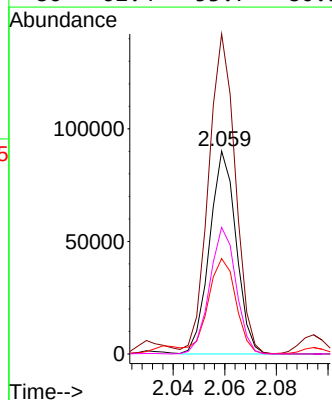
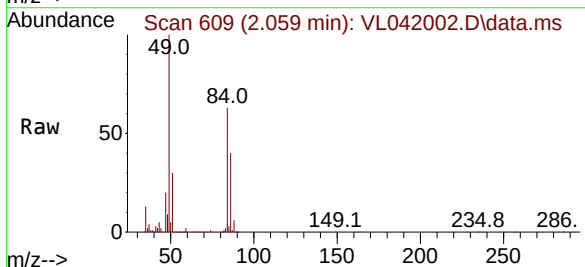
Ion Ratio Lower Upper

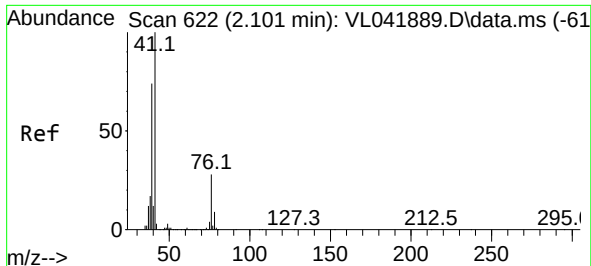
84 100

49 157.6 123.1 184.7

51 46.7 35.8 53.8

86 62.4 53.7 80.5

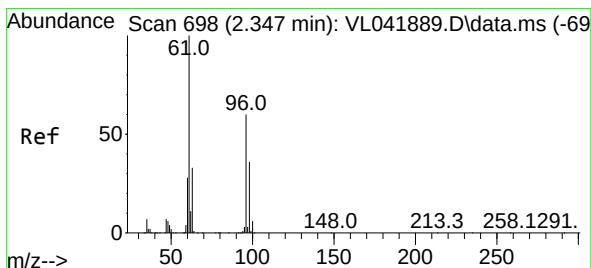
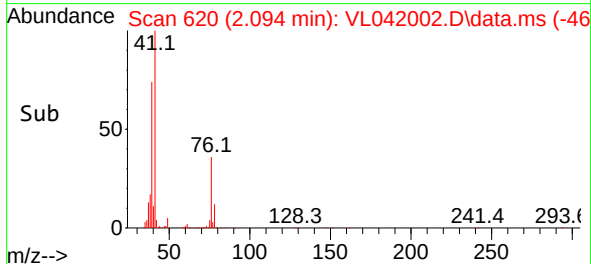
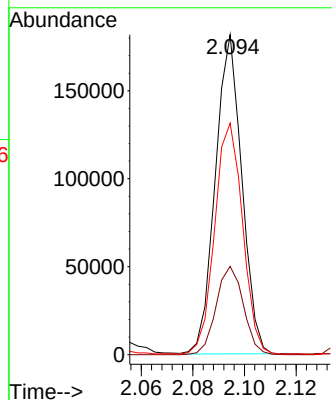
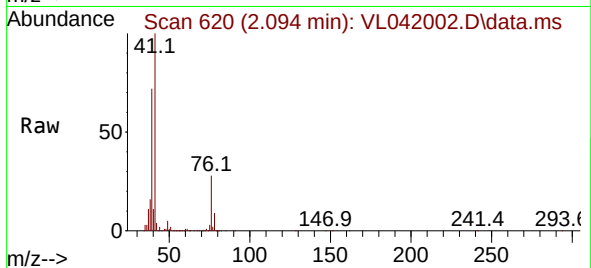




#21
 Allyl Chloride
 Concen: 10.023 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL042002.D
 Acq: 11 Feb 2025 14:00

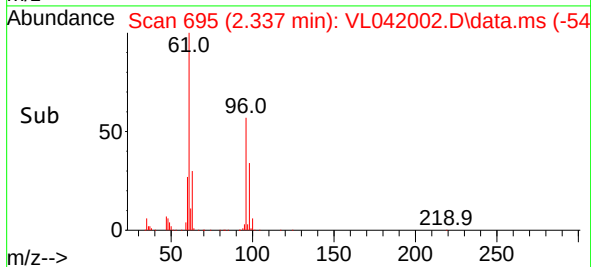
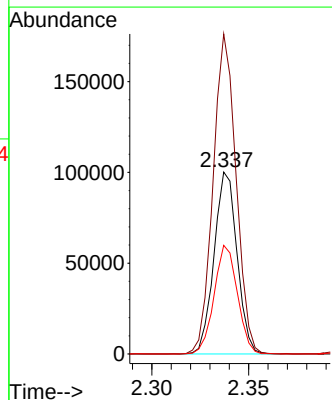
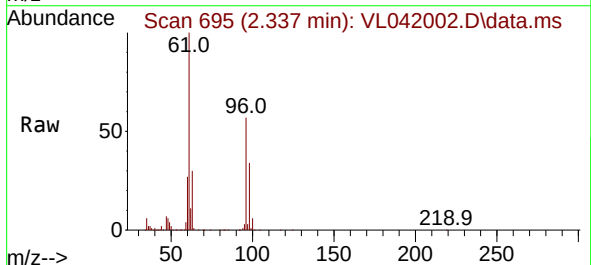
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

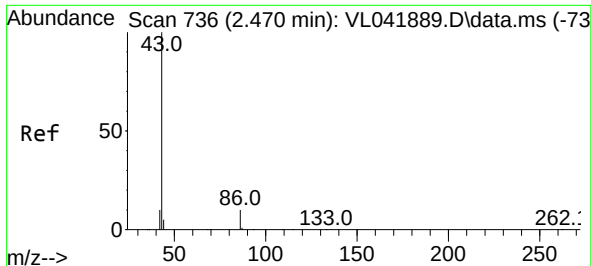
Tgt Ion: 41 Resp: 129224
 Ion Ratio Lower Upper
 41 100
 76 28.4 24.2 36.4
 39 76.4 60.6 91.0



#22
 trans-1,2-Dichloroethene
 Concen: 9.452 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.010 min
 Lab File: VL042002.D
 Acq: 11 Feb 2025 14:00

Tgt Ion: 96 Resp: 82768
 Ion Ratio Lower Upper
 96 100
 61 175.9 134.5 201.7
 98 59.8 48.9 73.3

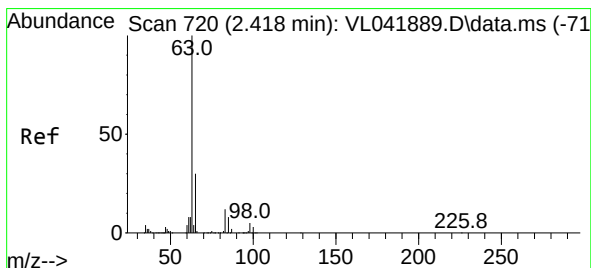
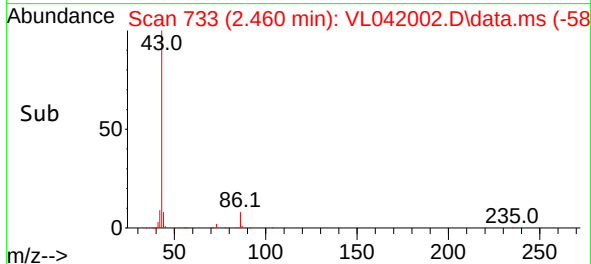
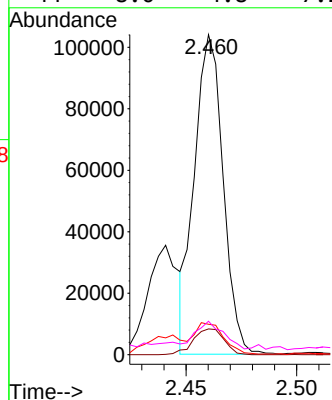
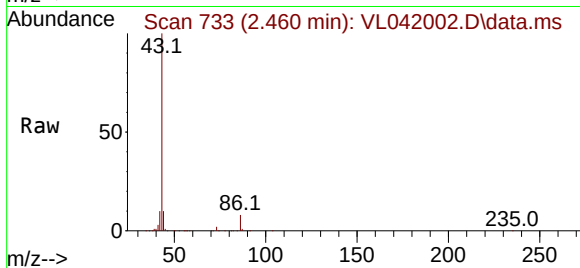




#23
 Vinyl Acetate
 Concen: 10.137 ppbv
 RT: 2.460 min Scan# 716
 Delta R.T. -0.010 min
 Lab File: VL042002.D
 Acq: 11 Feb 2025 14:00

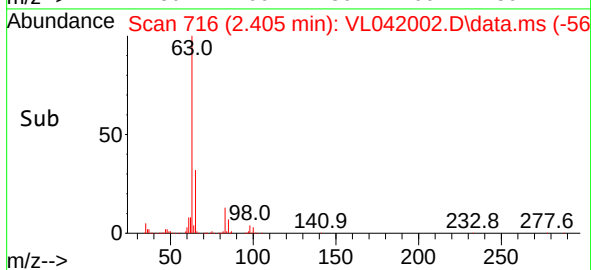
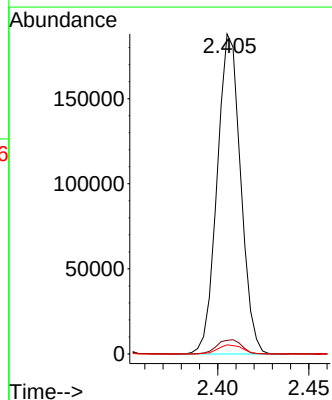
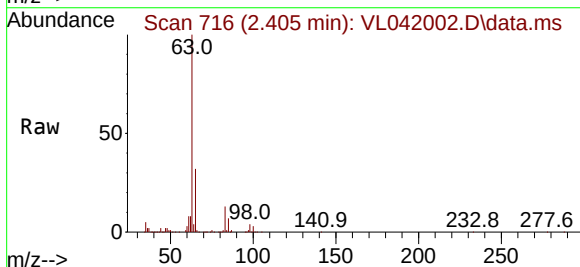
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

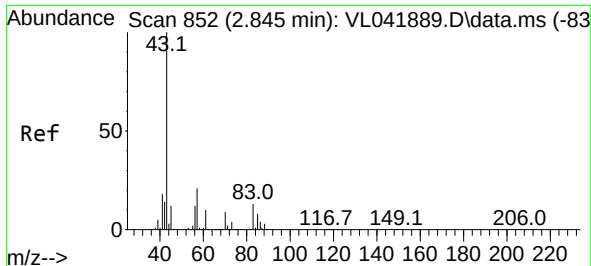
Tgt Ion:	43	Resp:	93558
Ion	Ratio	Lower	Upper
43	100		
86	8.1	6.2	9.4
42	9.2	8.5	12.7
44	8.0	4.8	7.2



#24
 1,1-Dichloroethane
 Concen: 9.950 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.013 min
 Lab File: VL042002.D
 Acq: 11 Feb 2025 14:00

Tgt Ion:	63	Resp:	168523
Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.6	7.8
100	2.8	1.4	4.2

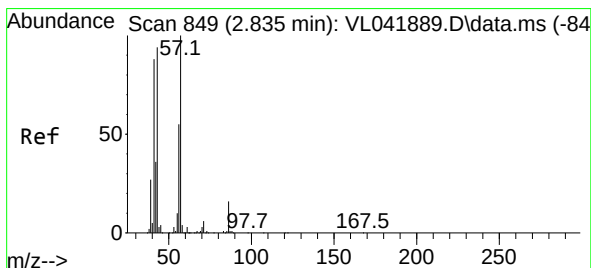
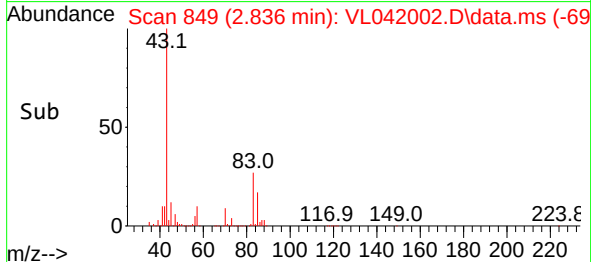
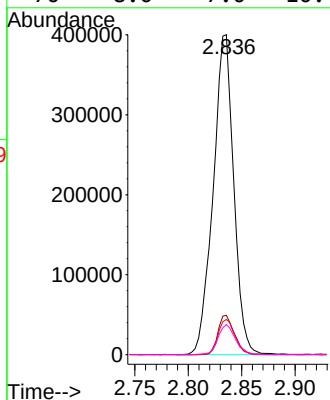
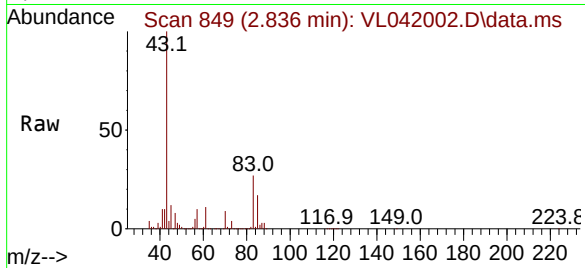




#25
Ethyl Acetate
Concen: 10.677 ppbv
RT: 2.836 min Scan# 845
Delta R.T. -0.010 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

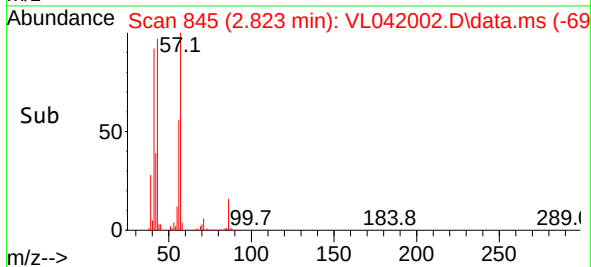
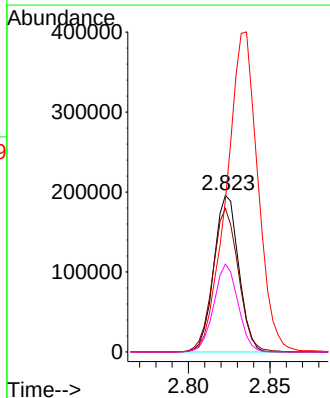
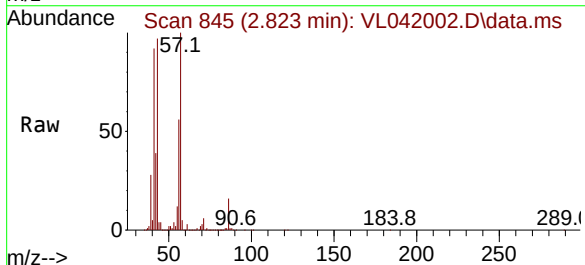
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

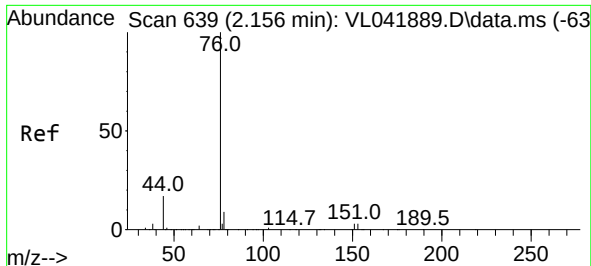
Tgt	Ion: 43	Resp:	536046
Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.2	12.2
61	9.0	7.4	11.0
70	8.0	7.0	10.4



#26
Hexane
Concen: 10.426 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.013 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

Tgt Ion: 57	Resp: 207023
Ion Ratio	Lower Upper
57 100	
41 95.3	73.8 110.8
43 259.1	197.3 295.9
56 54.8	42.7 64.1

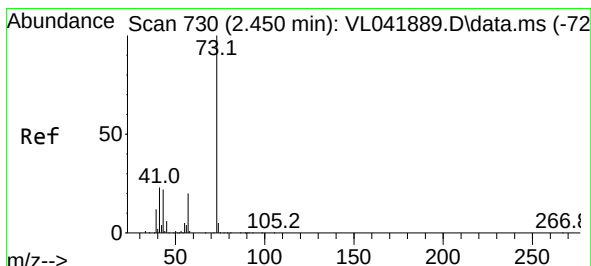
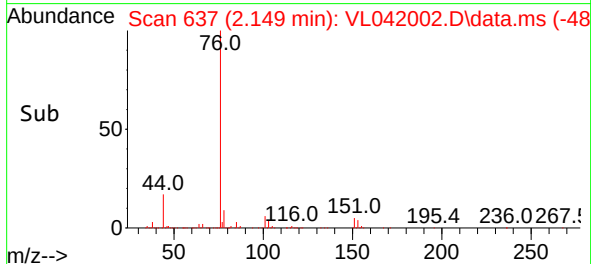
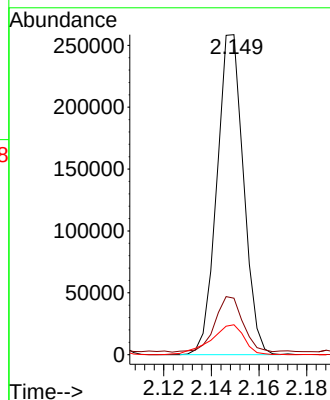
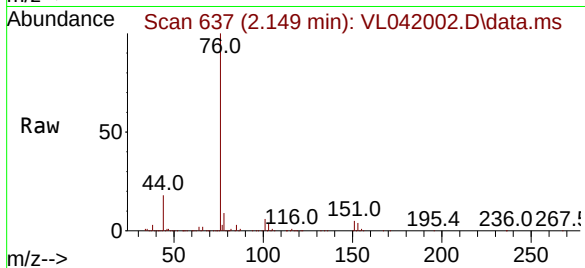




#27
Carbon Disulfide
Concen: 10.208 ppbv
RT: 2.149 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

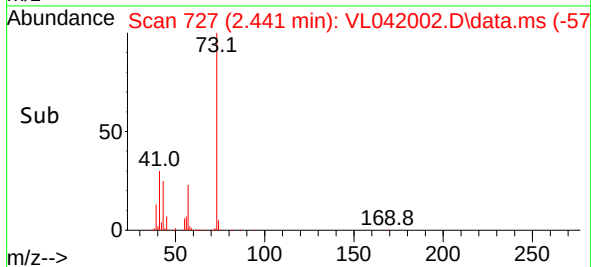
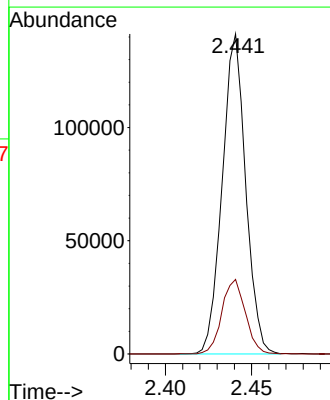
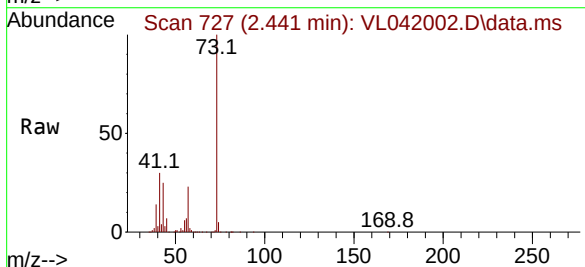
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

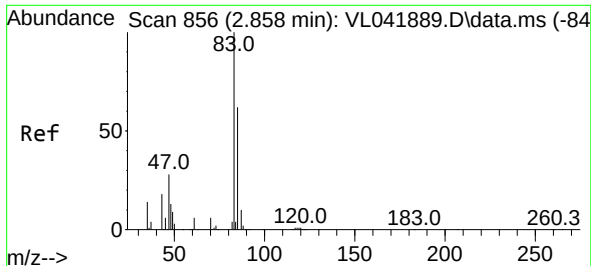
Tgt Ion: 76 Resp: 200576
Ion Ratio Lower Upper
76 100
44 18.6 15.4 23.0
78 11.8 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 8.815 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.010 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

Tgt Ion: 73 Resp: 133778
Ion Ratio Lower Upper
73 100
57 23.5 18.1 27.1





#29

Chloroform

Concen: 10.153 ppbv

RT: 2.845 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL042002.D

Acq: 11 Feb 2025 14:00

Instrument :

MSVOA_L

ClientSampleId :

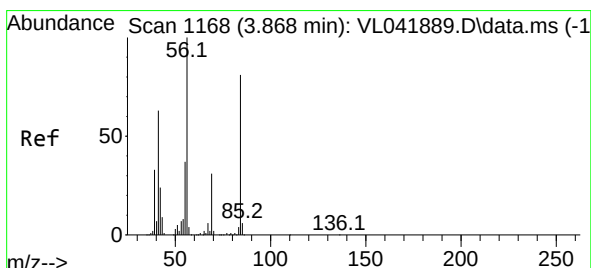
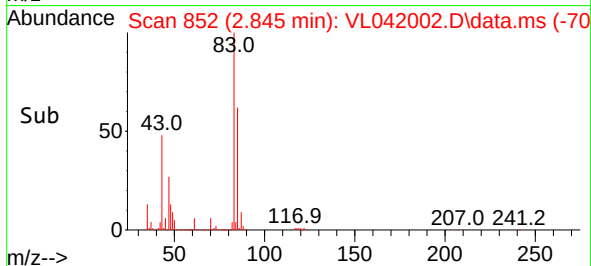
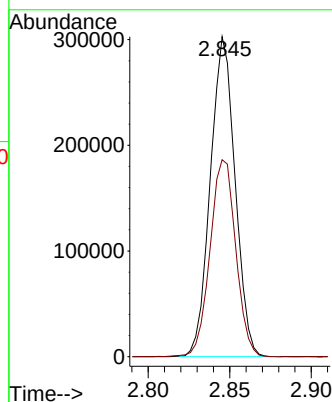
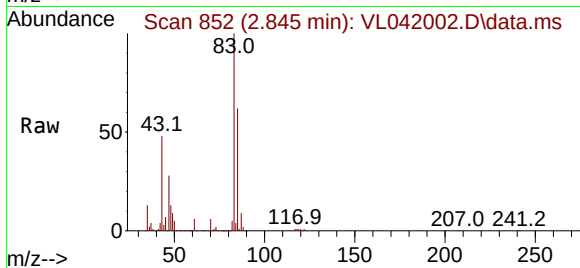
VSTDCCC010EC

Tgt Ion: 83 Resp: 318691

Ion Ratio Lower Upper

83 100

85 61.6 50.1 75.1



#30

Cyclohexane

Concen: 9.991 ppbv

RT: 3.852 min Scan# 1163

Delta R.T. -0.016 min

Lab File: VL042002.D

Acq: 11 Feb 2025 14:00

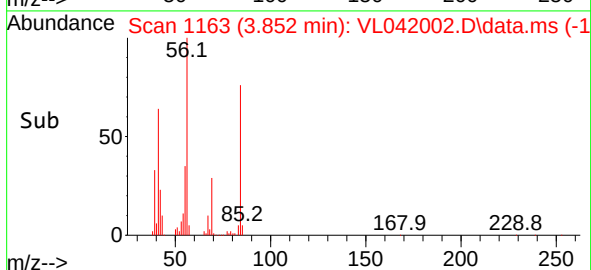
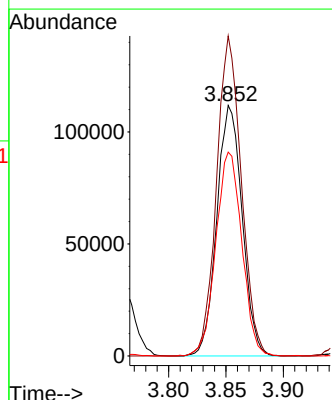
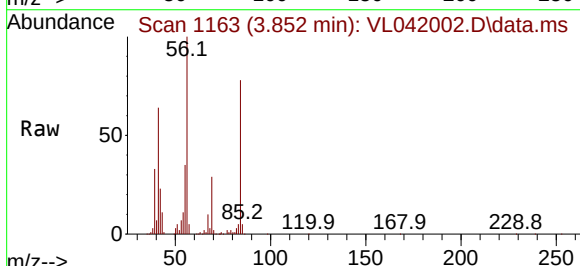
Tgt Ion: 84 Resp: 172075

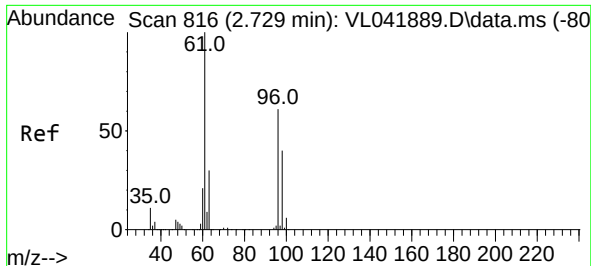
Ion Ratio Lower Upper

84 100

56 124.6 99.3 148.9

41 83.6 64.3 96.5

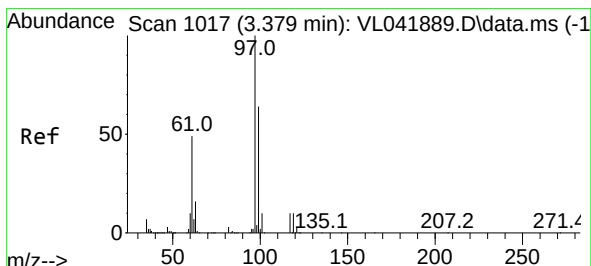
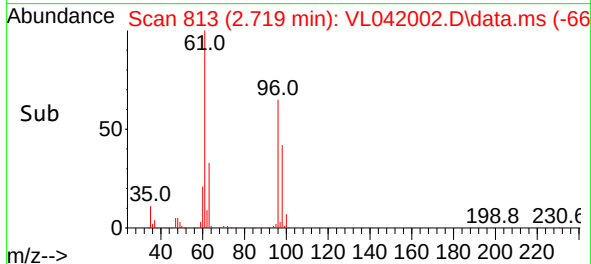
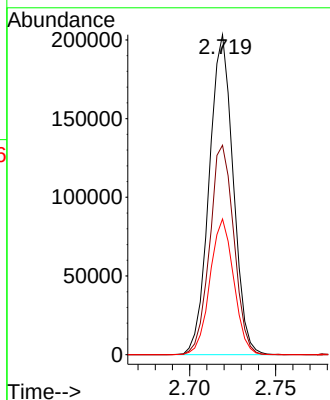
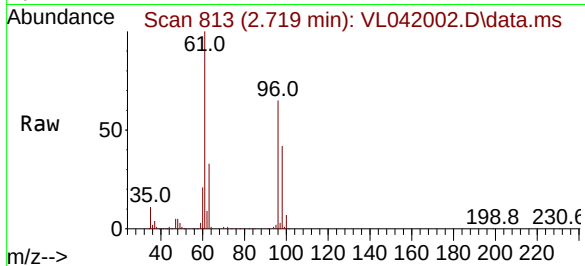




#31
 cis-1,2-Dichloroethene
 Concen: 9.432 ppbv
 RT: 2.719 min Scan# 81
 Delta R.T. -0.010 min
 Lab File: VL042002.D
 Acq: 11 Feb 2025 14:00

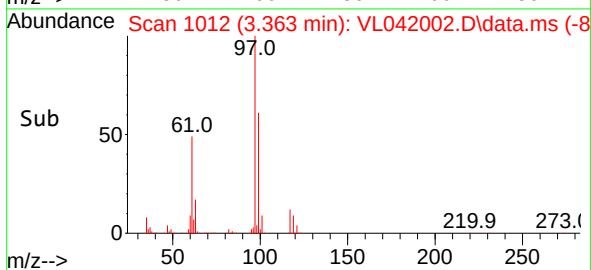
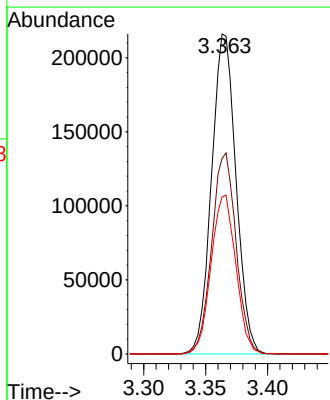
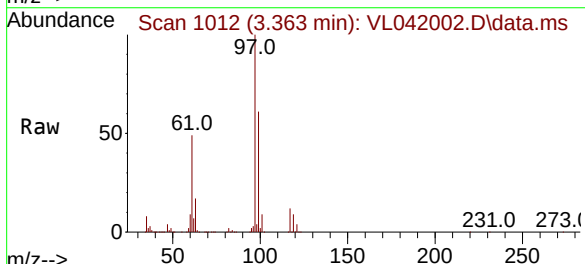
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

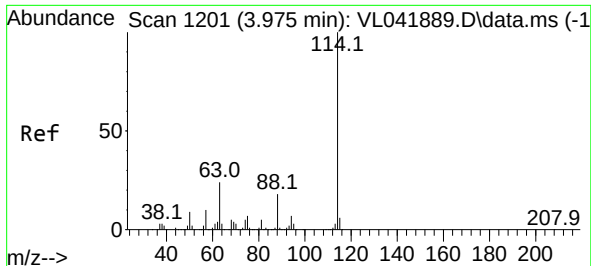
Tgt Ion: 61 Resp: 197195
 Ion Ratio Lower Upper
 61 100
 96 65.4 48.7 73.1
 98 42.4 31.6 47.4



#32
 1,1,1-Trichloroethane
 Concen: 9.896 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. -0.016 min
 Lab File: VL042002.D
 Acq: 11 Feb 2025 14:00

Tgt Ion: 97 Resp: 297241
 Ion Ratio Lower Upper
 97 100
 99 62.6 51.1 76.7
 61 50.4 39.0 58.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.952 min Scan# 1194

Delta R.T. -0.023 min

Lab File: VL042002.D

Acq: 11 Feb 2025 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

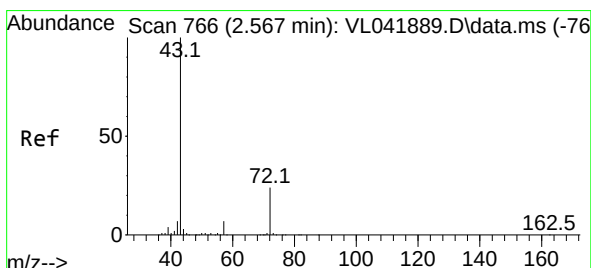
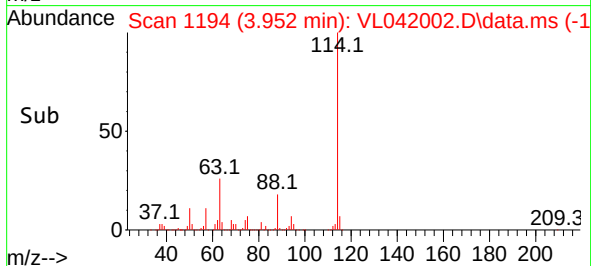
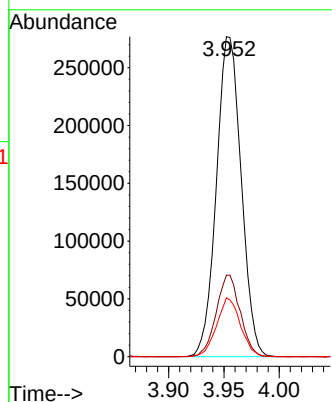
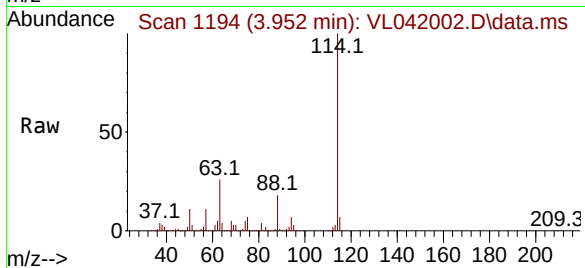
Tgt Ion:114 Resp: 431380

Ion Ratio Lower Upper

114 100

63 24.7 19.8 29.6

88 17.6 14.4 21.6



#34

2-Butanone

Concen: 11.073 ppbv

RT: 2.554 min Scan# 762

Delta R.T. -0.013 min

Lab File: VL042002.D

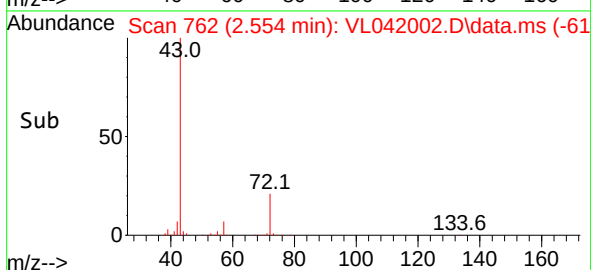
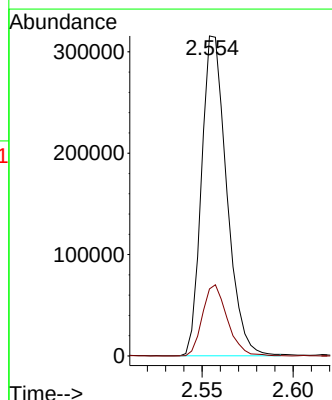
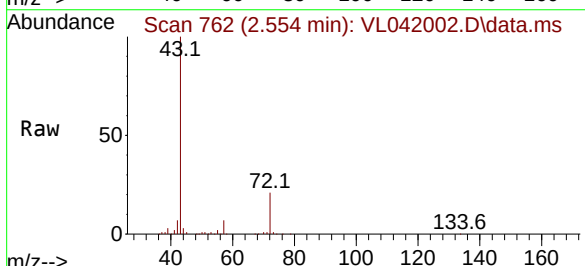
Acq: 11 Feb 2025 14:00

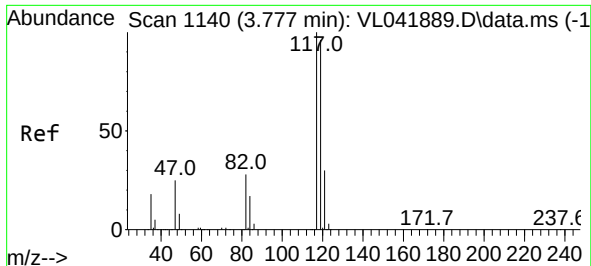
Tgt Ion: 43 Resp: 303782

Ion Ratio Lower Upper

43 100

72 22.0 18.6 28.0

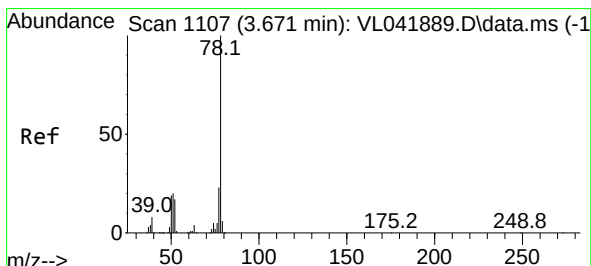
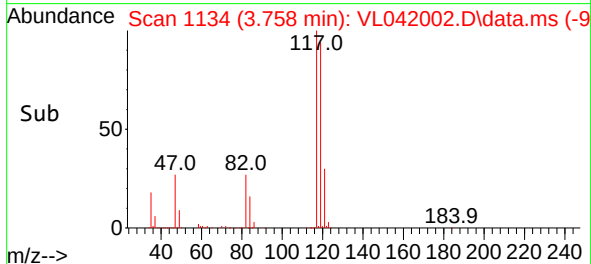
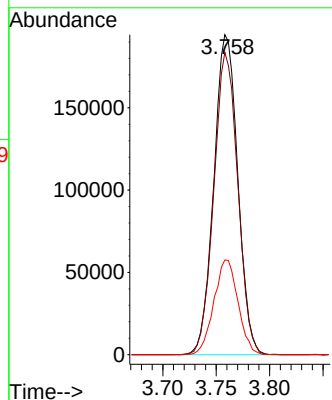
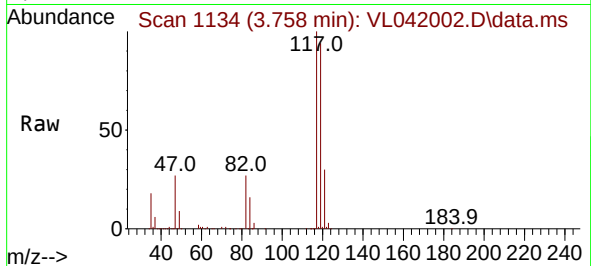




#35
Carbon Tetrachloride
Concen: 11.179 ppbv
RT: 3.758 min Scan# 1134
Delta R.T. -0.019 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

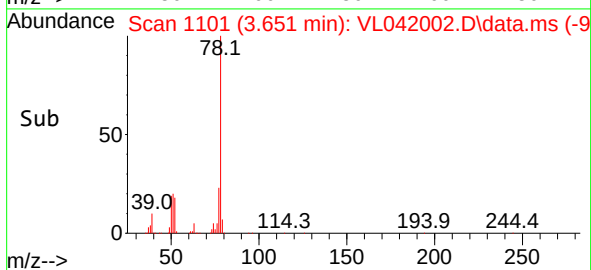
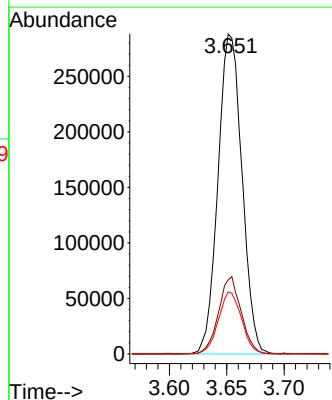
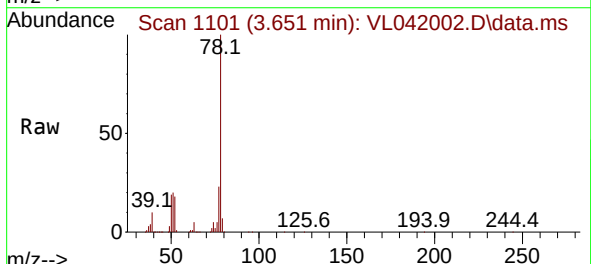
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

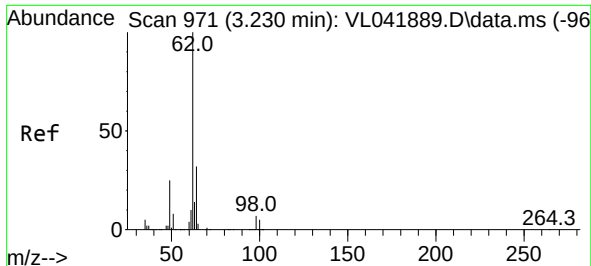
Tgt Ion:117 Resp: 302914
Ion Ratio Lower Upper
117 100
119 94.4 76.9 115.3
121 29.6 23.8 35.6



#36
Benzene
Concen: 10.599 ppbv
RT: 3.651 min Scan# 1101
Delta R.T. -0.019 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

Tgt Ion: 78 Resp: 419367
Ion Ratio Lower Upper
78 100
77 23.2 18.1 27.1
50 19.4 15.2 22.8





#37

1,2-Dichloroethane

Concen: 10.283 ppbv

RT: 3.214 min Scan# 9

Delta R.T. -0.016 min

Lab File: VL042002.D

Acq: 11 Feb 2025 14:00

Instrument :

MSVOA_L

ClientSampleId :

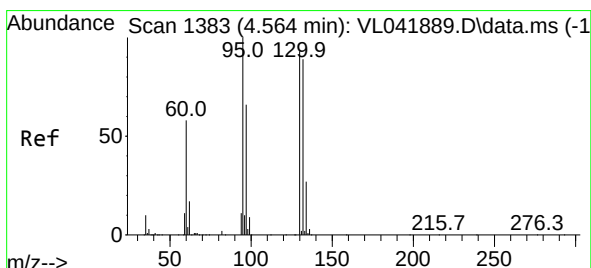
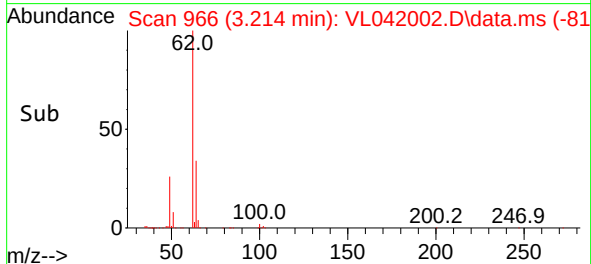
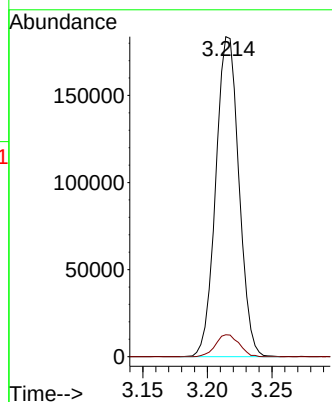
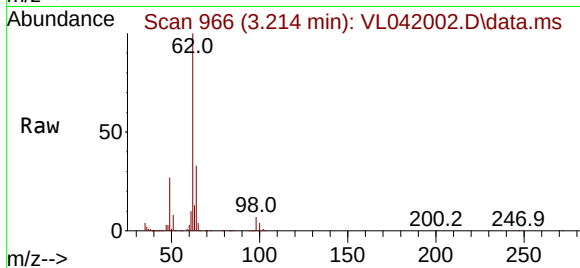
VSTDCCC010EC

Tgt Ion: 62 Resp: 228485

Ion Ratio Lower Upper

62 100

98 7.0 5.4 8.0



#38

Trichloroethene

Concen: 10.443 ppbv

RT: 4.545 min Scan# 1377

Delta R.T. -0.019 min

Lab File: VL042002.D

Acq: 11 Feb 2025 14:00

Tgt Ion:130 Resp: 163963

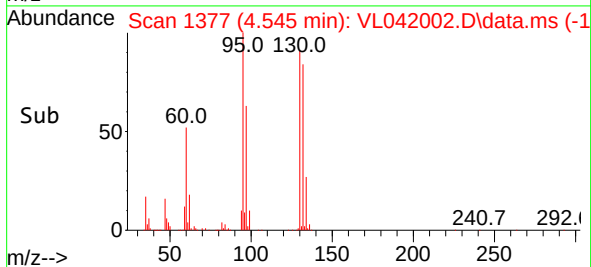
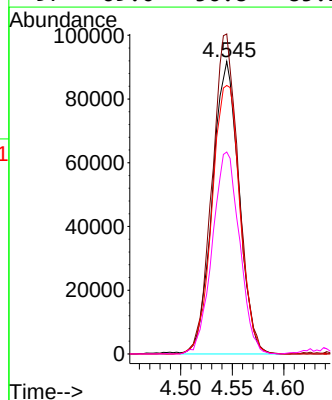
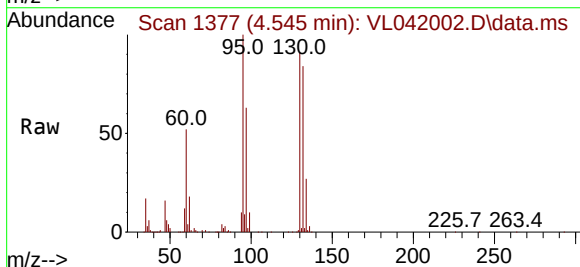
Ion Ratio Lower Upper

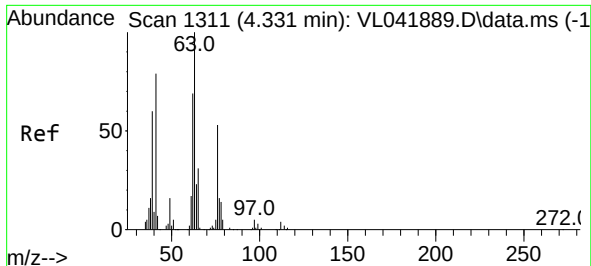
130 100

95 109.3 85.8 128.8

132 91.7 76.5 114.7

97 69.0 56.8 85.2





#39

1,2-Dichloropropane

Concen: 10.635 ppbv

RT: 4.308 min Scan# 11

Delta R.T. -0.023 min

Lab File: VL042002.D

Acq: 11 Feb 2025 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

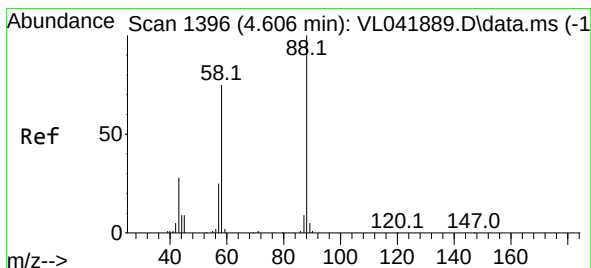
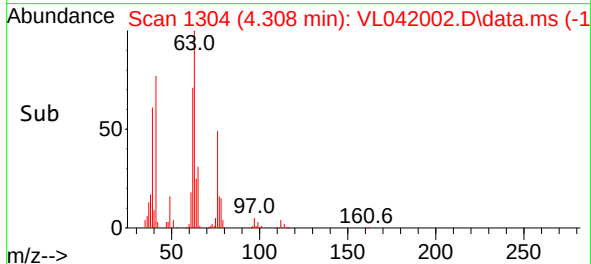
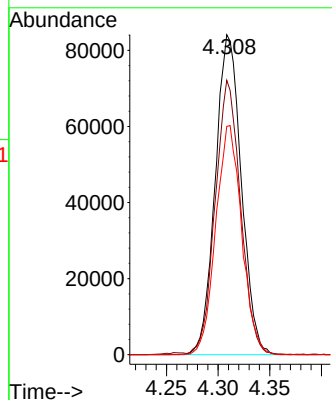
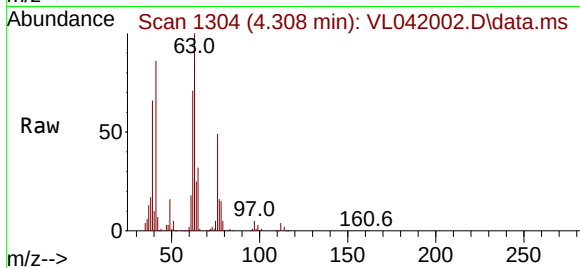
Tgt Ion: 63 Resp: 147602

Ion Ratio Lower Upper

63 100

41 85.4 63.7 95.5

62 71.3 55.4 83.2



#40

1,4-Dioxane

Concen: 10.268 ppbv

RT: 4.580 min Scan# 1388

Delta R.T. -0.026 min

Lab File: VL042002.D

Acq: 11 Feb 2025 14:00

Tgt Ion: 88 Resp: 71966

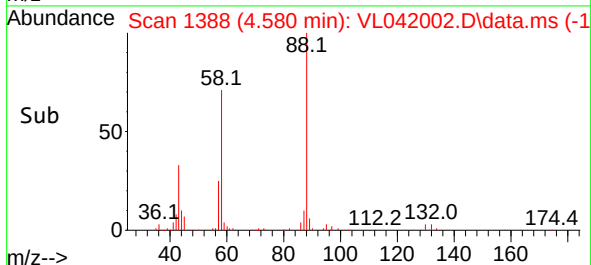
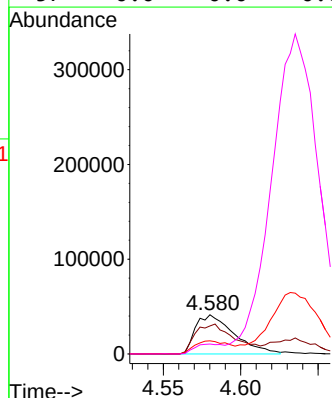
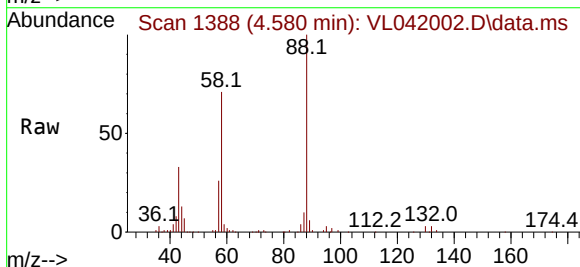
Ion Ratio Lower Upper

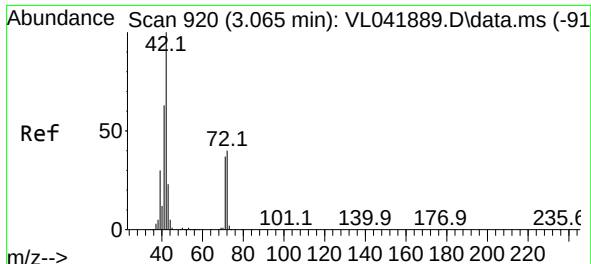
88 100

58 81.2 62.1 93.1

43 0.0 0.0 0.0

57 0.0 0.0 0.0

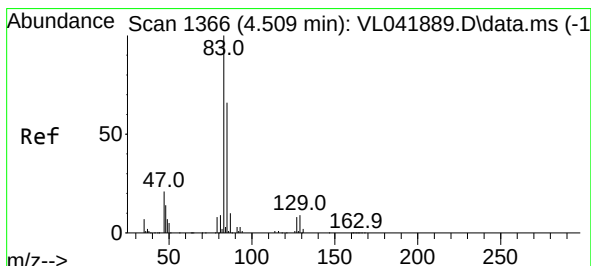
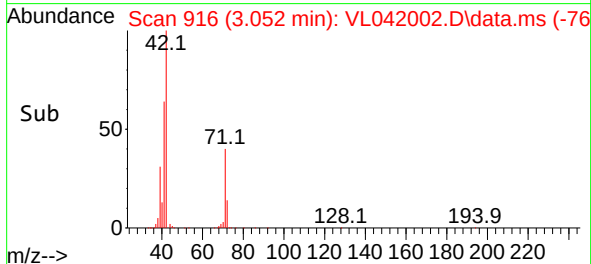
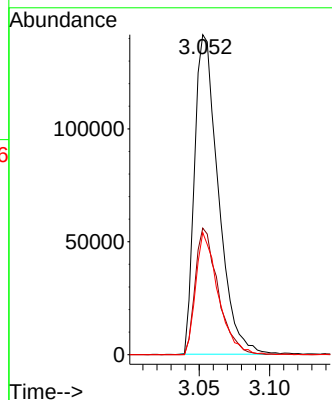
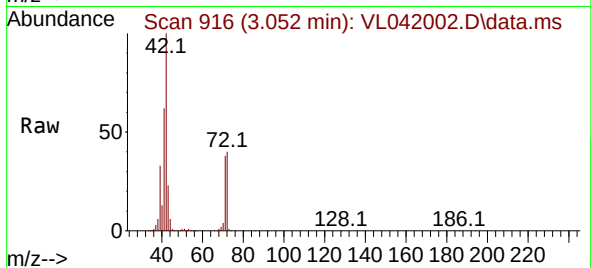




#41
Tetrahydrofuran
Concen: 11.132 ppbv
RT: 3.052 min Scan# 916
Delta R.T. -0.013 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

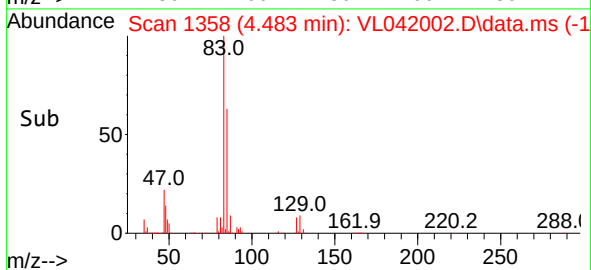
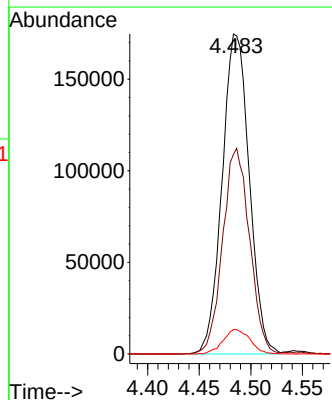
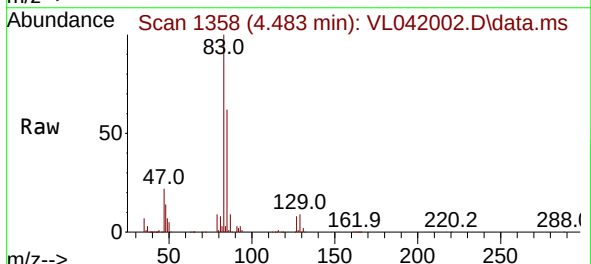
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

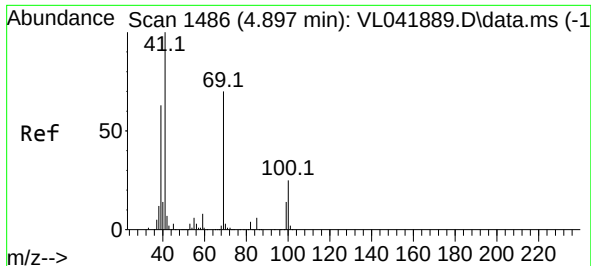
Tgt Ion: 42 Resp: 165965
Ion Ratio Lower Upper
42 100
72 38.3 32.3 48.5
71 36.1 29.9 44.9



#42
Bromodichloromethane
Concen: 10.741 ppbv
RT: 4.483 min Scan# 1358
Delta R.T. -0.026 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

Tgt Ion: 83 Resp: 320010
Ion Ratio Lower Upper
83 100
85 62.4 52.6 78.8
127 7.6 6.4 9.6





#43

Methyl Methacrylate

Concen: 10.223 ppbv

RT: 4.875 min Scan# 14

Delta R.T. -0.023 min

Lab File: VL042002.D

Acq: 11 Feb 2025 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

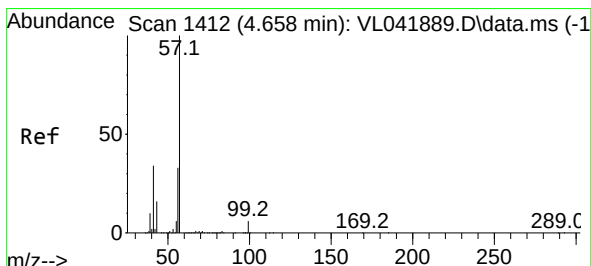
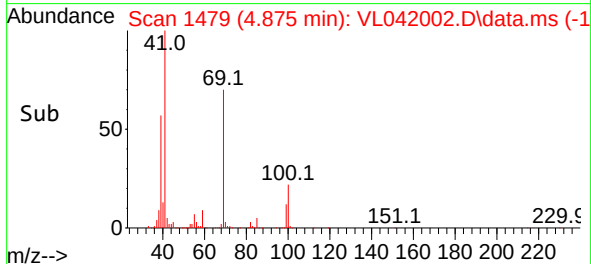
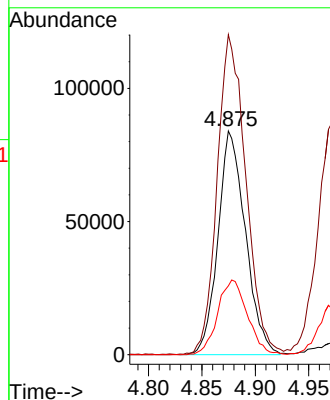
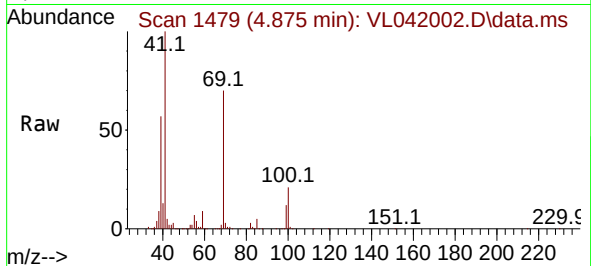
Tgt Ion: 69 Resp: 150261

Ion Ratio Lower Upper

69 100

41 149.2 118.6 177.8

100 36.0 29.3 43.9



#44

2,2,4-Trimethylpentane

Concen: 11.198 ppbv

RT: 4.635 min Scan# 1405

Delta R.T. -0.023 min

Lab File: VL042002.D

Acq: 11 Feb 2025 14:00

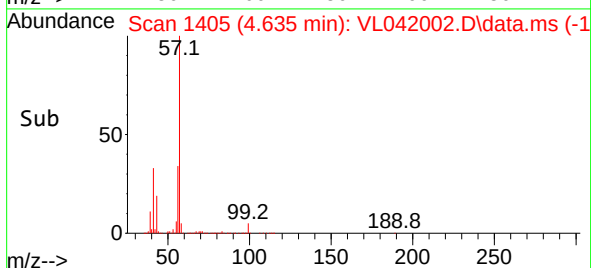
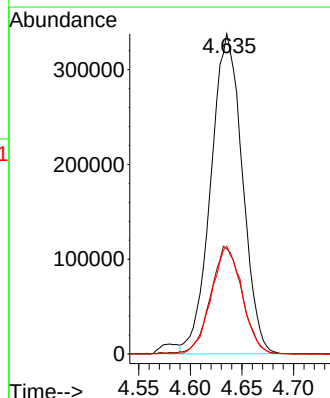
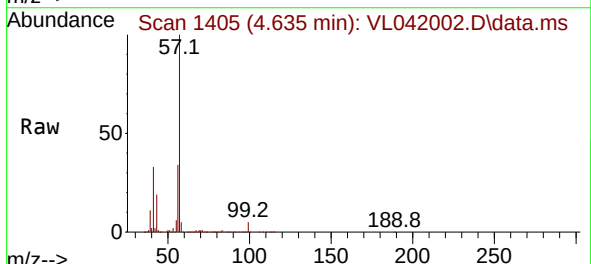
Tgt Ion: 57 Resp: 716650

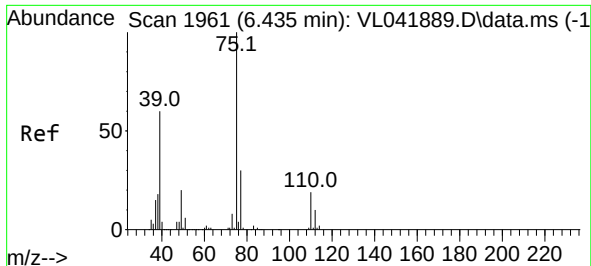
Ion Ratio Lower Upper

57 100

41 33.9 26.6 40.0

56 32.9 25.4 38.2

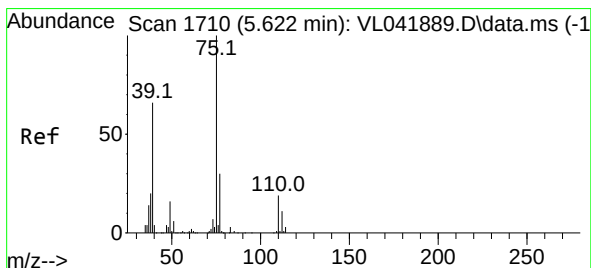
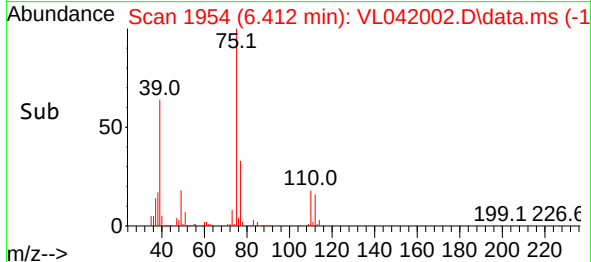
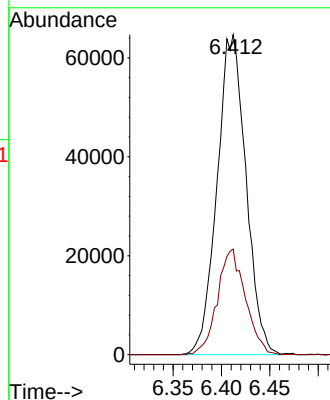
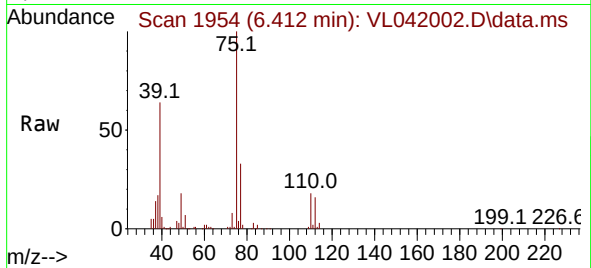




#45
 t-1,3-Dichloropropene
 Concen: 9.765 ppbv
 RT: 6.412 min Scan# 1961
 Delta R.T. -0.023 min
 Lab File: VL042002.D
 Acq: 11 Feb 2025 14:00

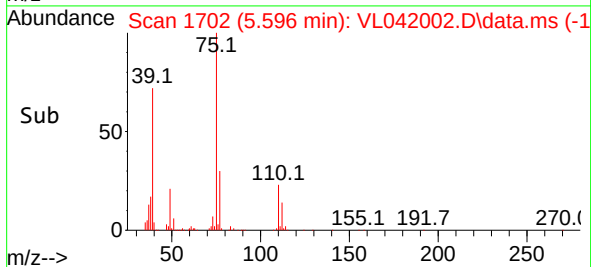
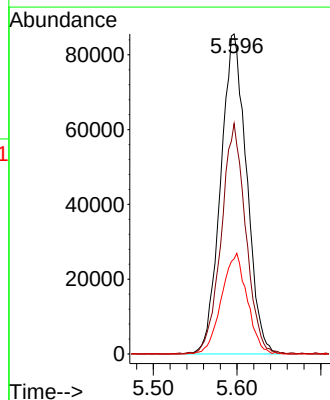
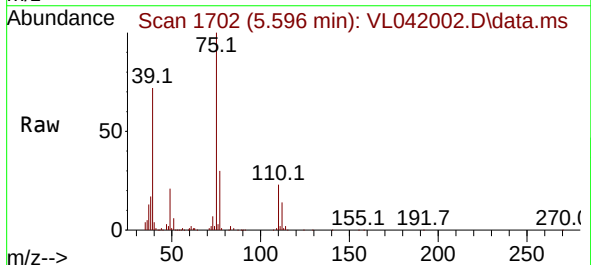
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010EC

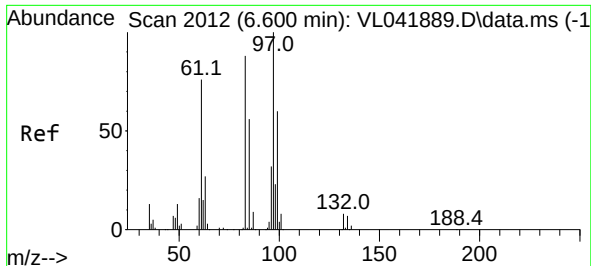
Tgt Ion: 75 Resp: 134348
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.3 36.5



#46
 cis-1,3-Dichloropropene
 Concen: 10.171 ppbv
 RT: 5.596 min Scan# 1702
 Delta R.T. -0.026 min
 Lab File: VL042002.D
 Acq: 11 Feb 2025 14:00

Tgt Ion: 75 Resp: 183720
 Ion Ratio Lower Upper
 75 100
 39 71.7 53.1 79.7
 77 29.7 23.8 35.8



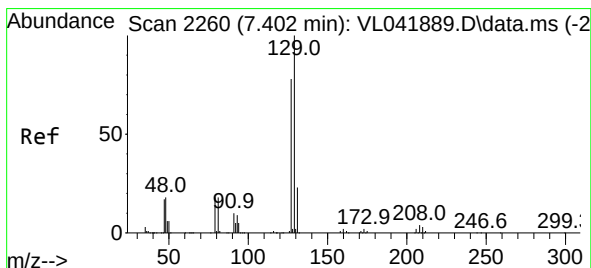
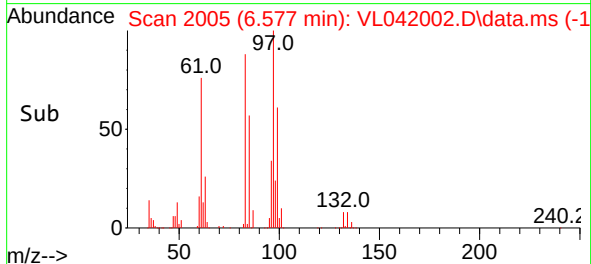
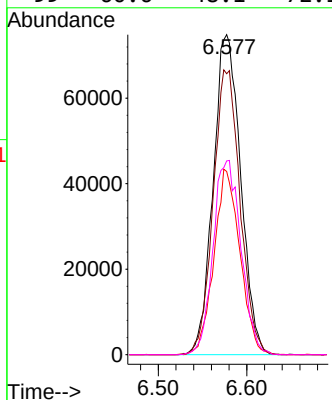
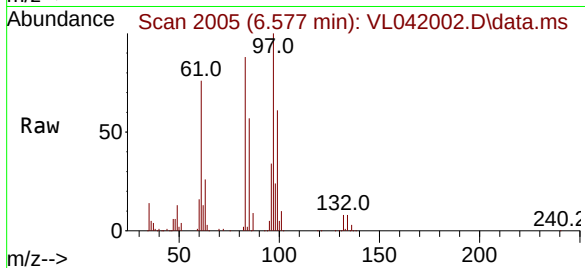


#47
 1,1,2-Trichloroethane
 Concen: 10.978 ppbv
 RT: 6.577 min Scan# 2012
 Delta R.T. -0.023 min
 Lab File: VL042002.D
 Acq: 11 Feb 2025 14:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 97 Resp: 161478

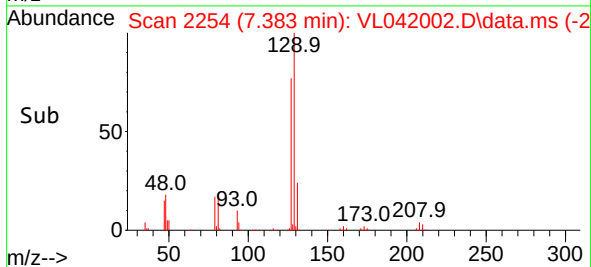
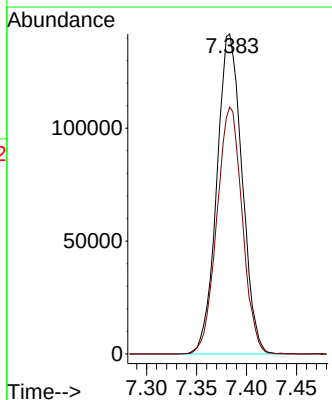
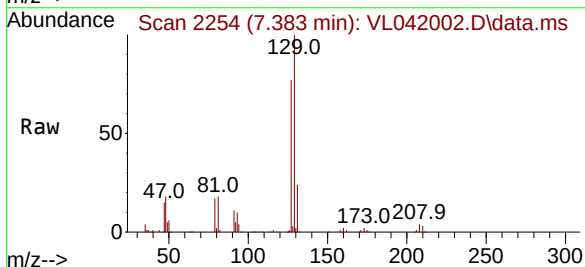
Ion	Ratio	Lower	Upper
97	100		
83	87.8	70.4	105.6
85	57.3	45.0	67.4
99	60.6	48.1	72.1

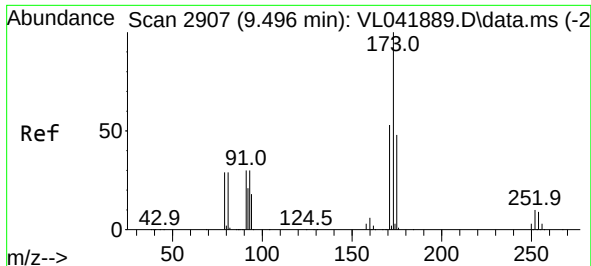


#48
 Dibromochloromethane
 Concen: 10.995 ppbv
 RT: 7.383 min Scan# 2254
 Delta R.T. -0.019 min
 Lab File: VL042002.D
 Acq: 11 Feb 2025 14:00

Tgt Ion: 129 Resp: 249545

Ion	Ratio	Lower	Upper
129	100		
127	77.4	39.3	117.8

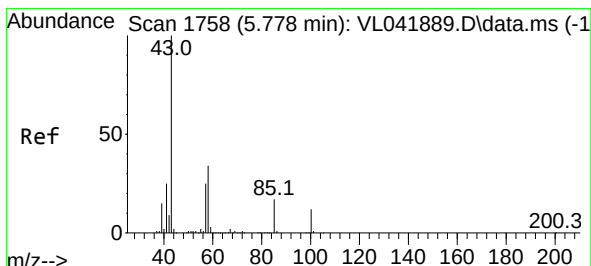
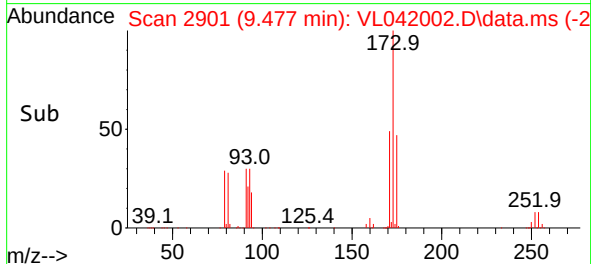
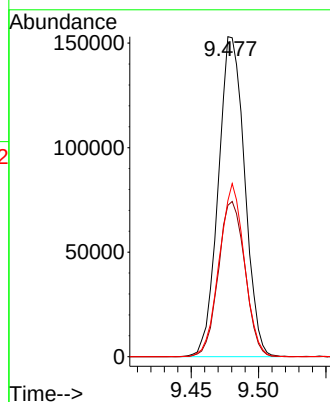
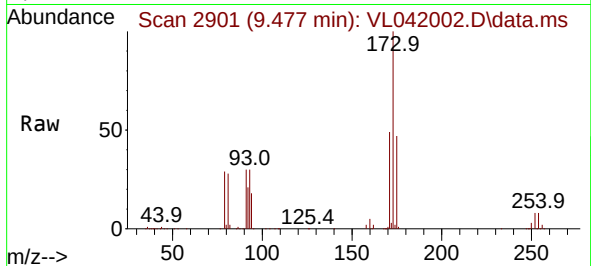




#49
Bromoform
Concen: 11.182 ppbv
RT: 9.477 min Scan# 2907
Delta R.T. -0.019 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

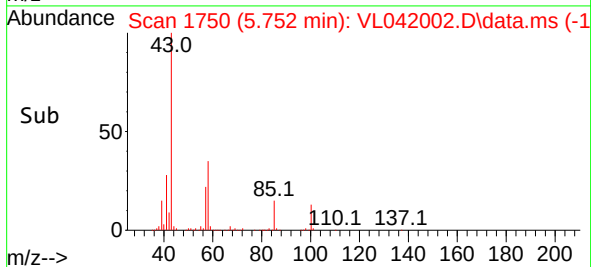
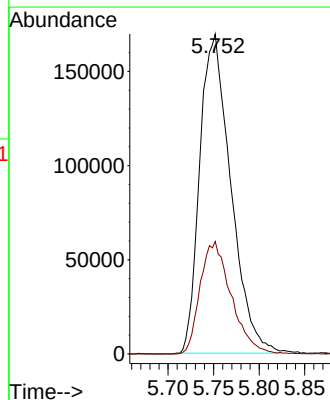
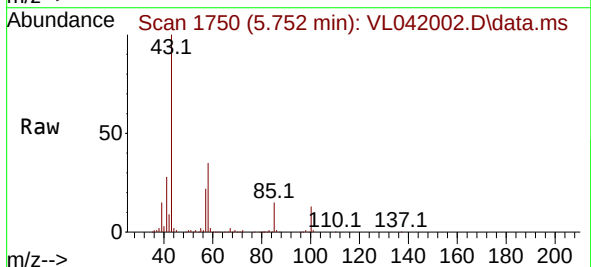
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

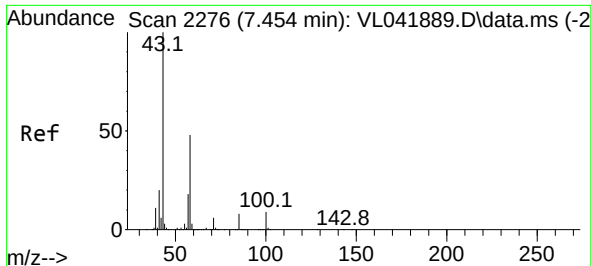
Tgt Ion:173 Resp: 208468
Ion Ratio Lower Upper
173 100
175 48.8 38.4 57.6
171 51.6 41.4 62.2



#50
4-Methyl-2-Pentanone
Concen: 10.716 ppbv
RT: 5.752 min Scan# 1750
Delta R.T. -0.026 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

Tgt Ion: 43 Resp: 401314
Ion Ratio Lower Upper
43 100
58 35.4 29.0 43.6

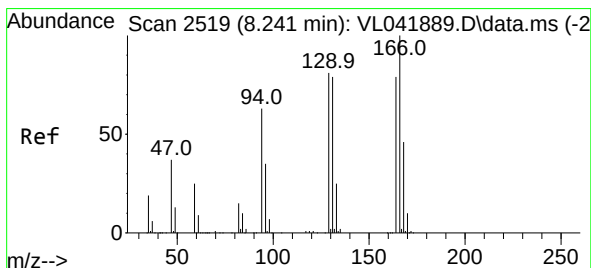
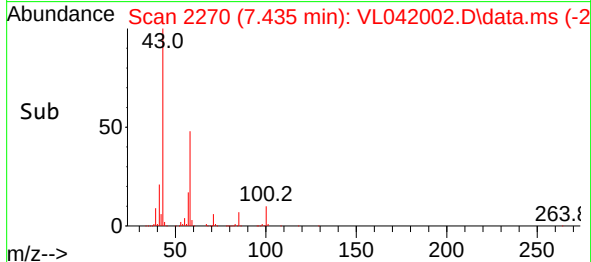
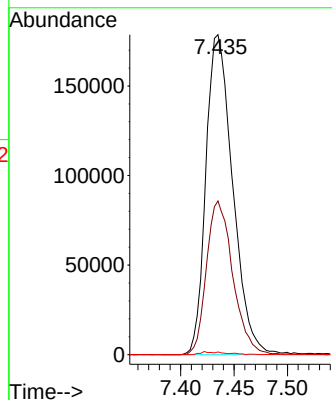
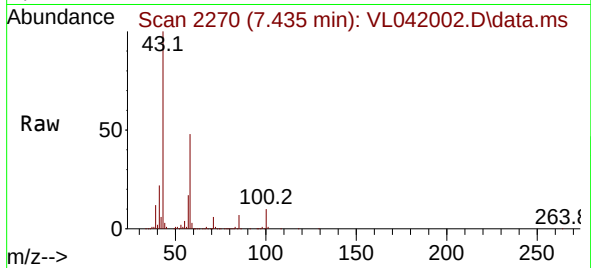




#51
2-Hexanone
Concen: 10.834 ppbv
RT: 7.435 min Scan# 2117
Delta R.T. -0.019 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

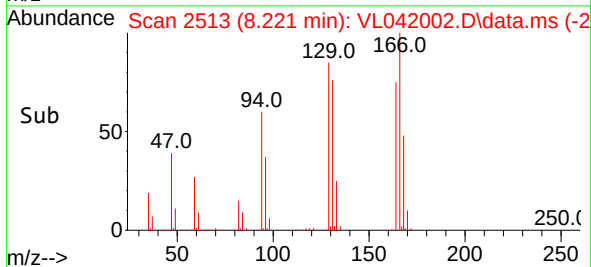
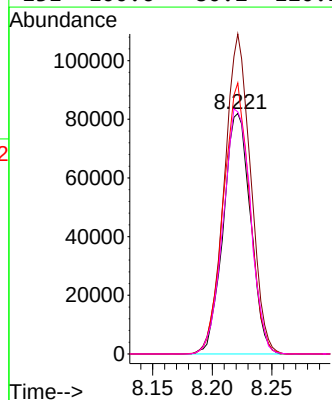
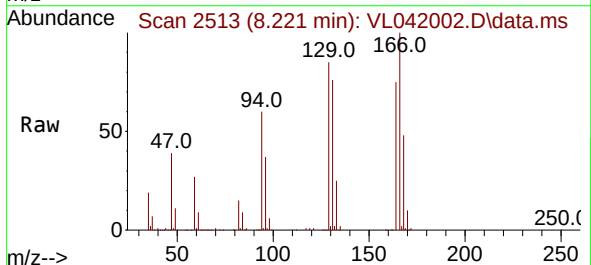
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

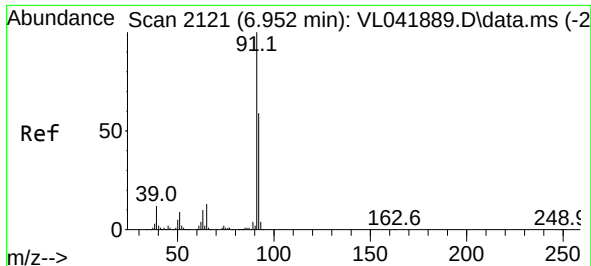
Tgt Ion: 43 Resp: 311762
Ion Ratio Lower Upper
43 100
58 47.3 40.4 60.6
98 0.9 0.2 0.2#



#52
Tetrachloroethene
Concen: 9.479 ppbv
RT: 8.221 min Scan# 2513
Delta R.T. -0.019 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

Tgt Ion: 164 Resp: 130045
Ion Ratio Lower Upper
164 100
166 133.0 100.8 151.2
129 112.7 82.0 123.0
131 100.6 80.2 120.2

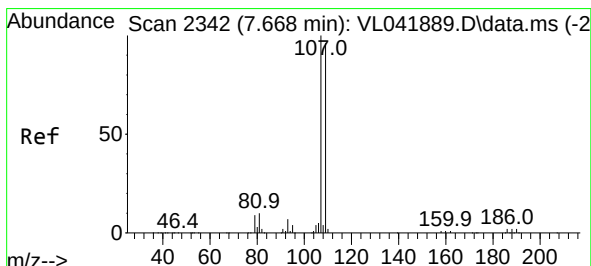
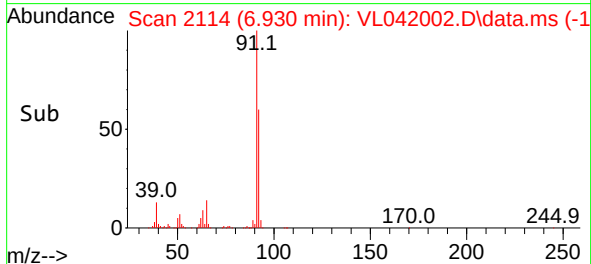
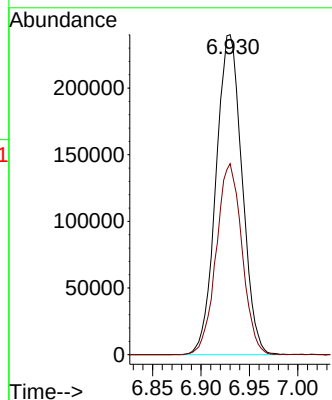
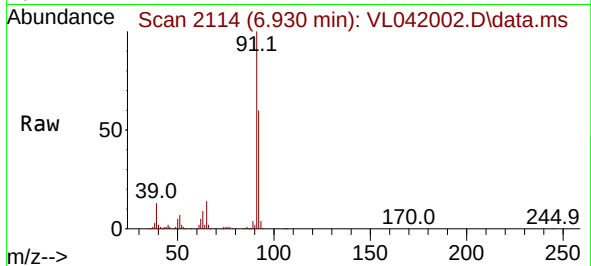




#53
Toluene
Concen: 10.431 ppbv
RT: 6.930 min Scan# 2114
Delta R.T. -0.023 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

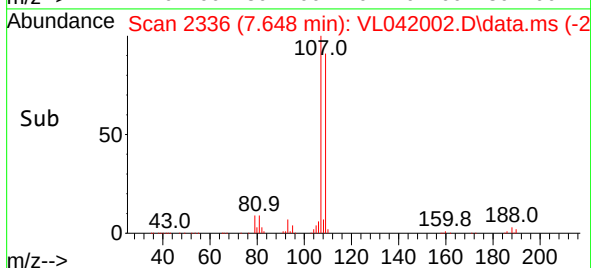
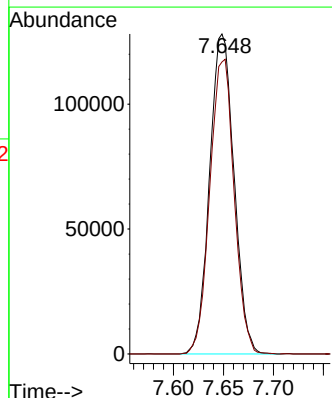
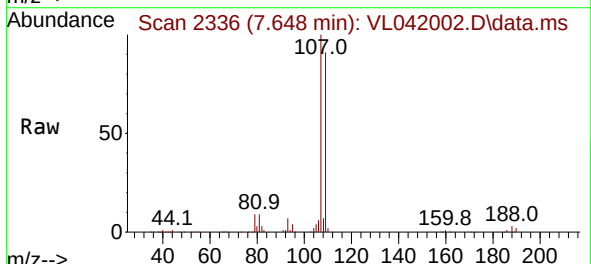
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

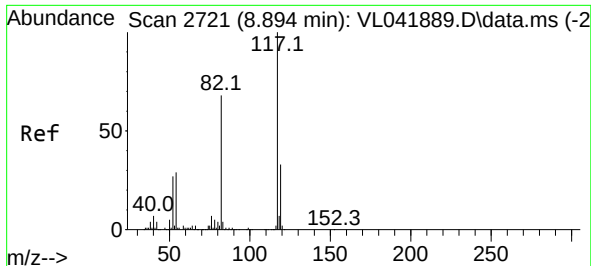
Tgt Ion: 91 Resp: 449573
Ion Ratio Lower Upper
91 100
92 59.0 47.4 71.0



#54
1,2-Dibromoethane
Concen: 10.782 ppbv
RT: 7.648 min Scan# 2336
Delta R.T. -0.019 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

Tgt Ion: 107 Resp: 218030
Ion Ratio Lower Upper
107 100
109 91.2 76.7 115.1

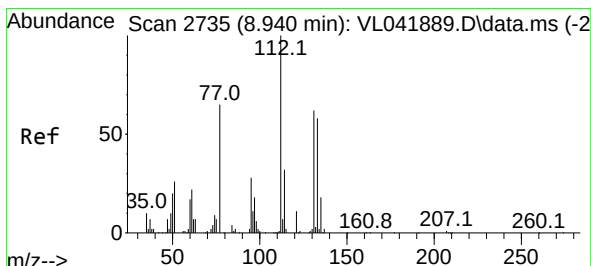
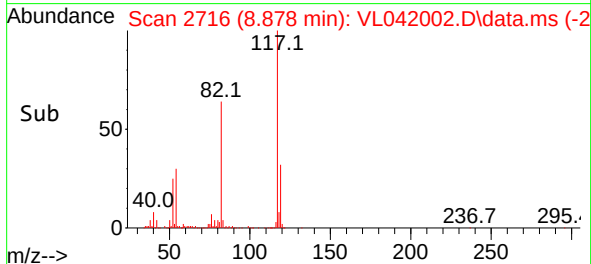
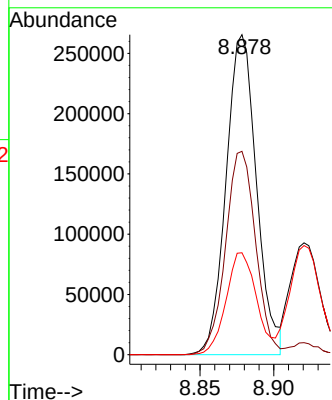
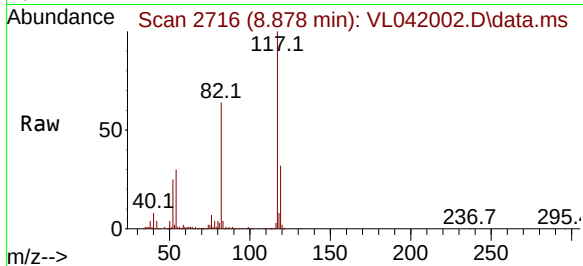




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

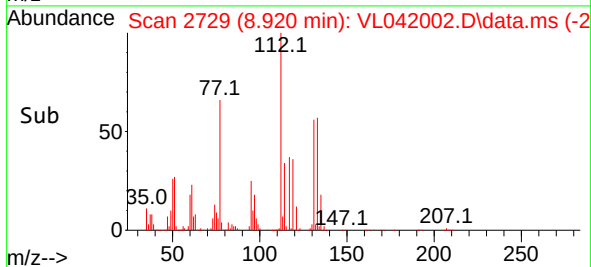
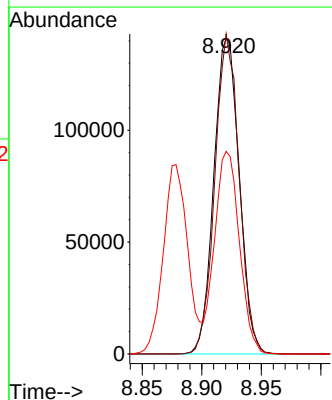
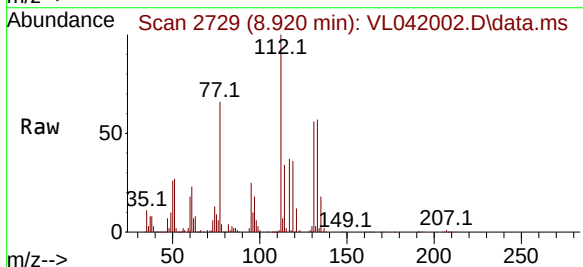
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

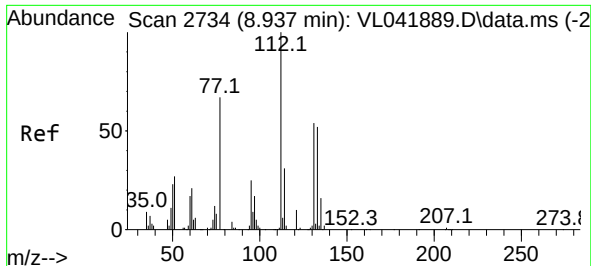
Tgt Ion:117 Resp: 380750
Ion Ratio Lower Upper
117 100
82 66.3 54.2 81.4
119 32.2 25.0 37.6



#56
1,1,1,2-Tetrachloroethane
Concen: 11.008 ppbv
RT: 8.920 min Scan# 2729
Delta R.T. -0.019 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

Tgt Ion:131 Resp: 209115
Ion Ratio Lower Upper
131 100
133 96.9 76.0 114.0
119 62.5 49.7 74.5

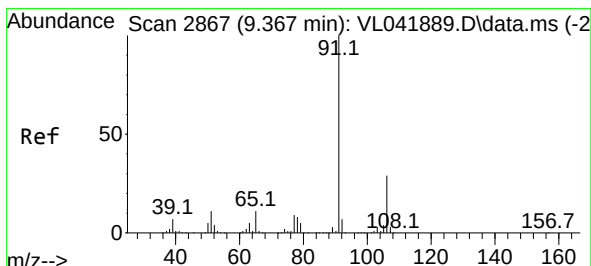
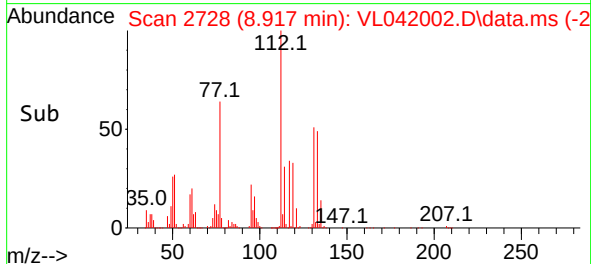
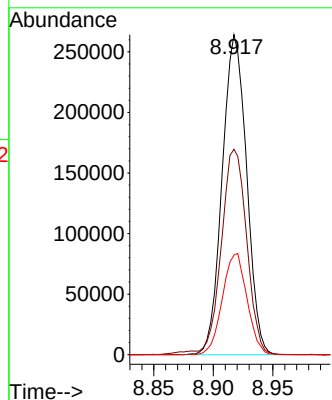
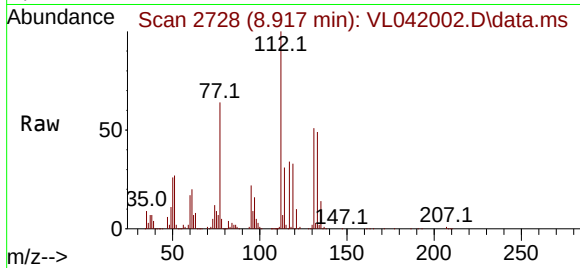




#57
Chlorobenzene
Concen: 10.698 ppbv
RT: 8.917 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

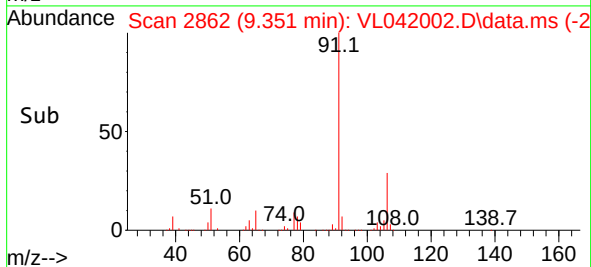
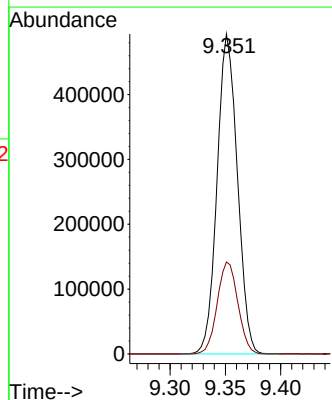
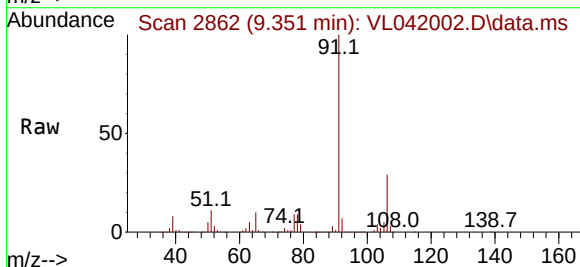
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

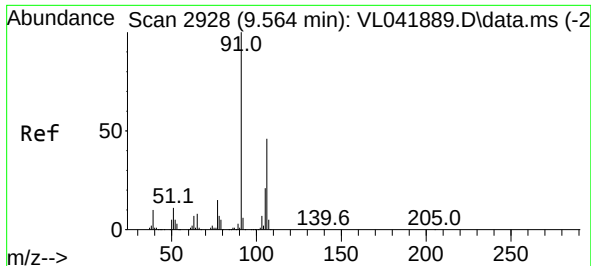
Tgt Ion:112 Resp: 375739
Ion Ratio Lower Upper
112 100
77 64.1 54.6 82.0
114 31.1 28.2 34.4



#58
Ethyl Benzene
Concen: 10.567 ppbv
RT: 9.351 min Scan# 2862
Delta R.T. -0.016 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

Tgt Ion: 91 Resp: 628767
Ion Ratio Lower Upper
91 100
106 28.8 23.1 34.7





#59

m/p-Xylene

Concen: 21.830 ppbv m

RT: 9.548 min Scan# 2928

Delta R.T. -0.016 min

Lab File: VL042002.D

Acq: 11 Feb 2025 14:00

Instrument :

MSVOA_L

ClientSampleId :

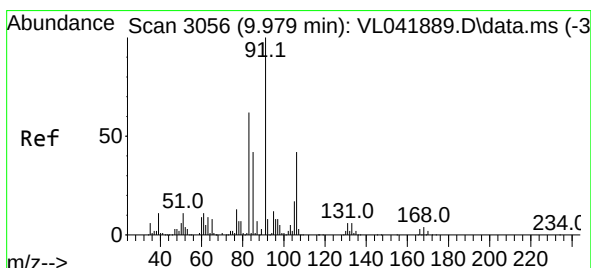
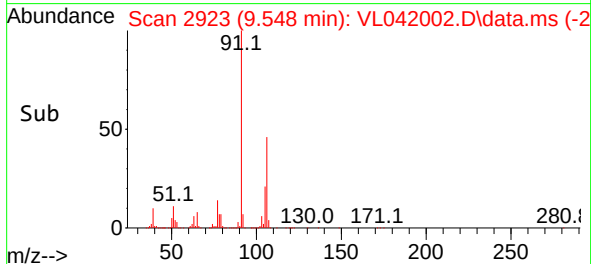
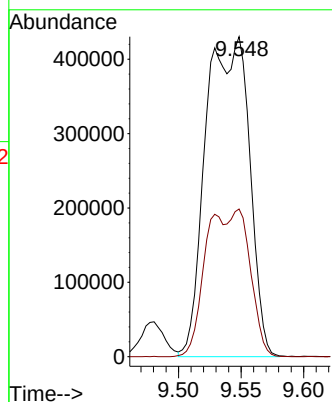
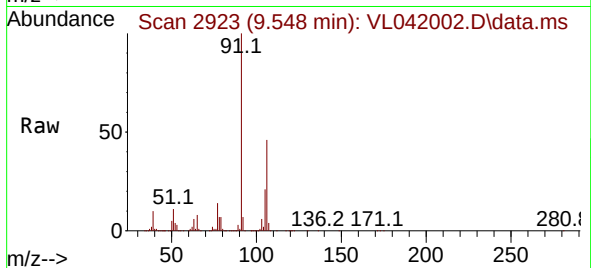
VSTDCCC010EC

Tgt Ion: 91 Resp: 1041185

Ion Ratio Lower Upper

91 100

106 46.7 36.0 54.0



#60

o-Xylene

Concen: 11.093 ppbv

RT: 9.959 min Scan# 3050

Delta R.T. -0.019 min

Lab File: VL042002.D

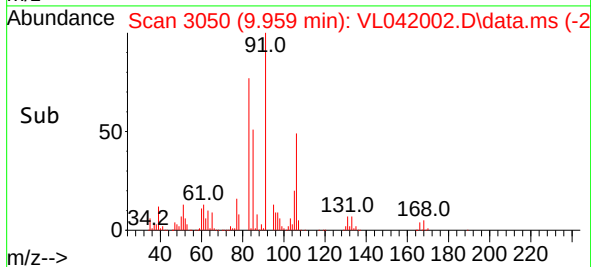
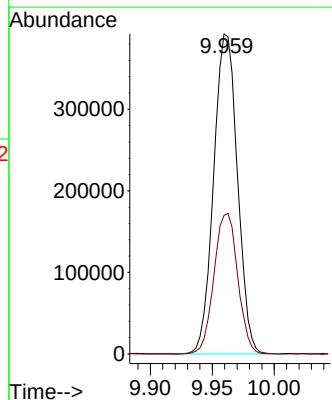
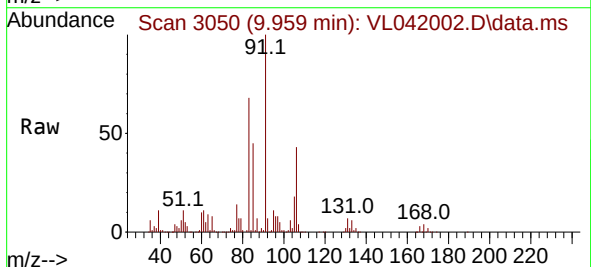
Acq: 11 Feb 2025 14:00

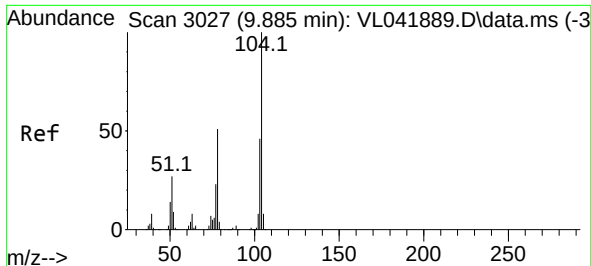
Tgt Ion: 91 Resp: 525151

Ion Ratio Lower Upper

91 100

106 43.9 21.3 63.9

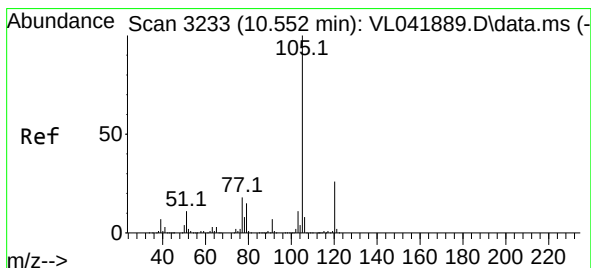
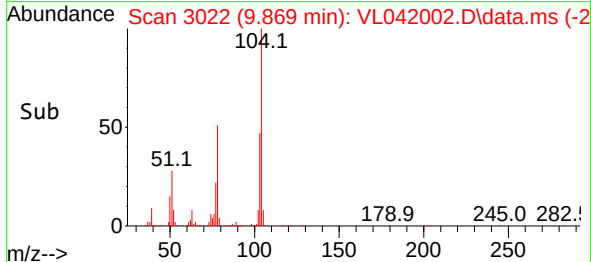
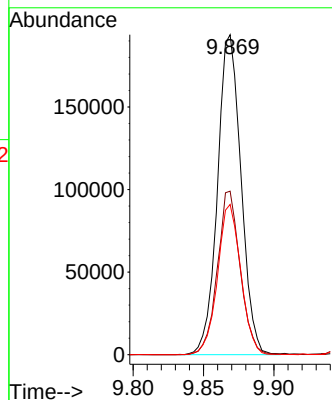
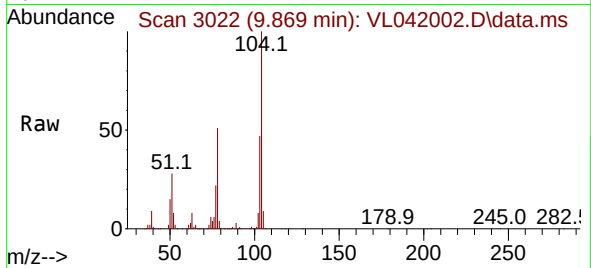




#61
Styrene
Concen: 10.647 ppbv
RT: 9.869 min Scan# 3027
Delta R.T. -0.016 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

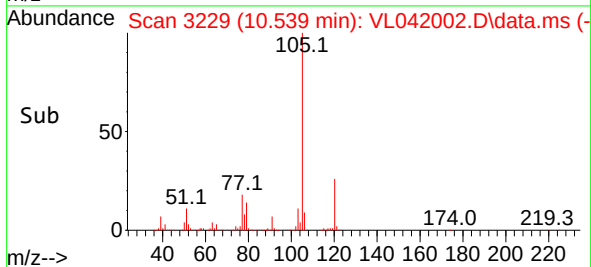
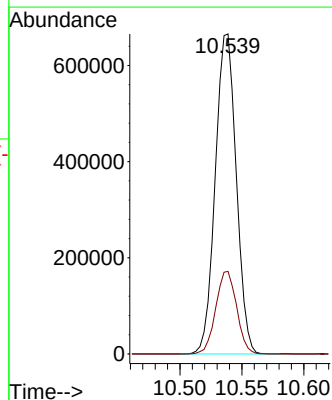
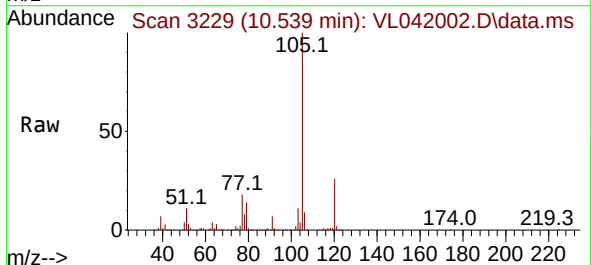
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

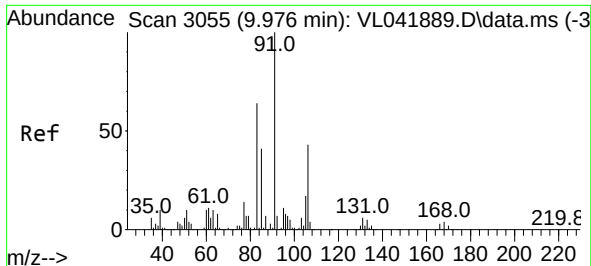
Tgt Ion:104 Resp: 226107
Ion Ratio Lower Upper
104 100
78 49.5 41.0 61.6
103 46.5 37.2 55.8



#62
Isopropylbenzene
Concen: 10.737 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. -0.013 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

Tgt Ion:105 Resp: 786537
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 11.554 ppbv

RT: 9.959 min Scan# 3055

Delta R.T. -0.016 min

Lab File: VL042002.D

Acq: 11 Feb 2025 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

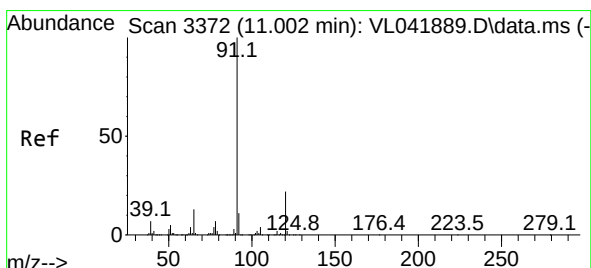
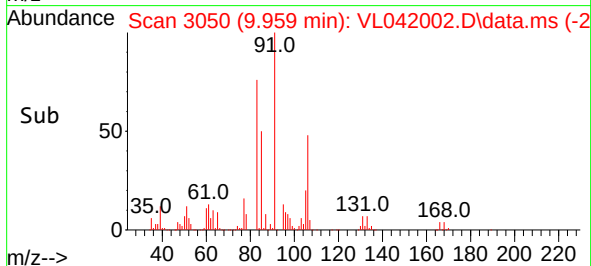
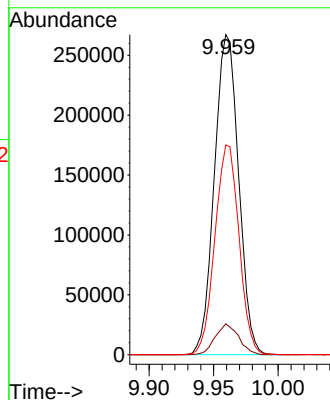
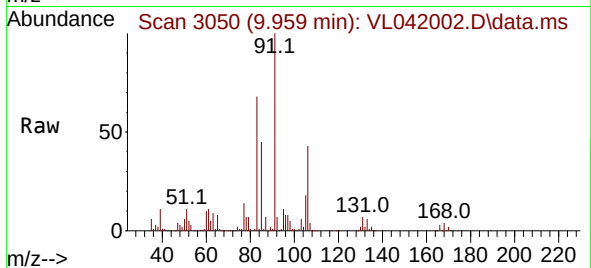
Tgt Ion: 83 Resp: 349541

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.4

85 64.9 32.4 97.2



#64

n-propylbenzene

Concen: 11.031 ppbv

RT: 10.985 min Scan# 3367

Delta R.T. -0.016 min

Lab File: VL042002.D

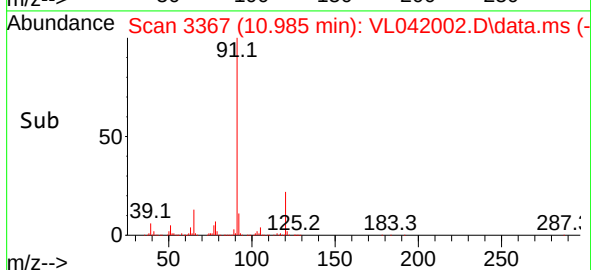
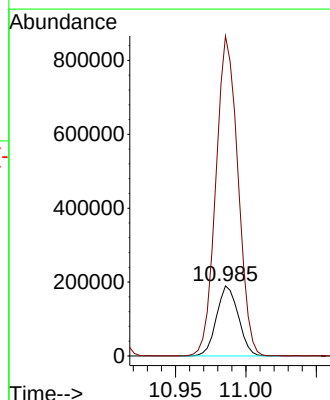
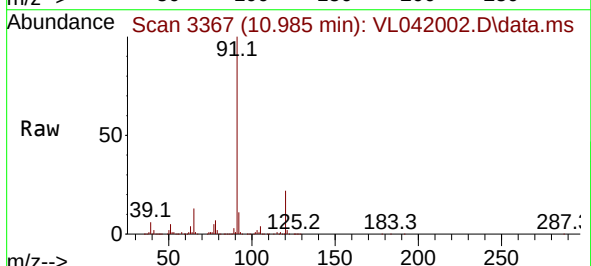
Acq: 11 Feb 2025 14:00

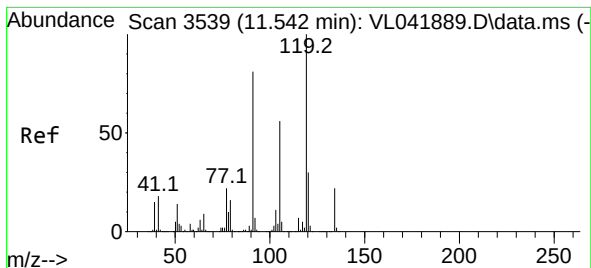
Tgt Ion: 120 Resp: 204195

Ion Ratio Lower Upper

120 100

91 462.3 374.1 561.1

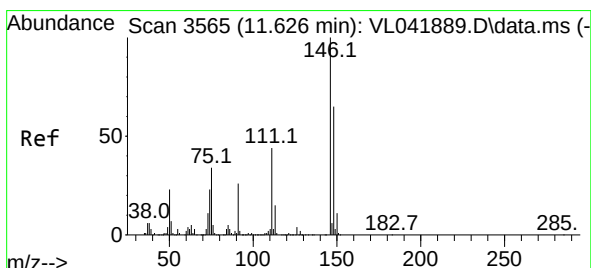
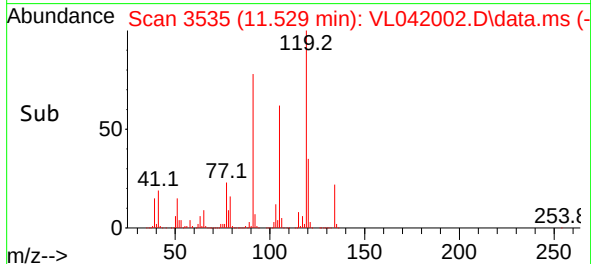
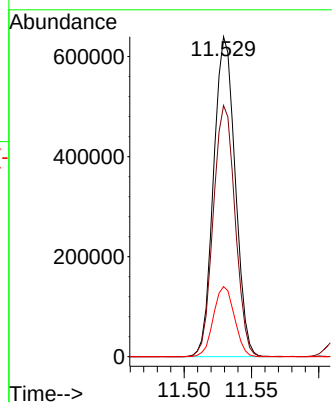
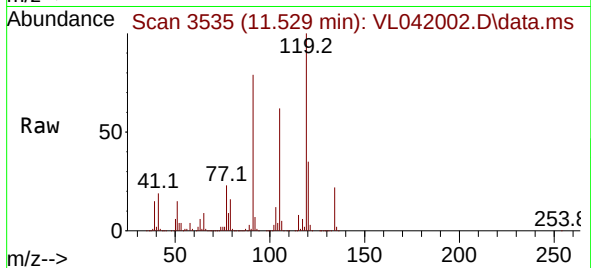




#65
tert-Butylbenzene
Concen: 10.692 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. -0.013 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

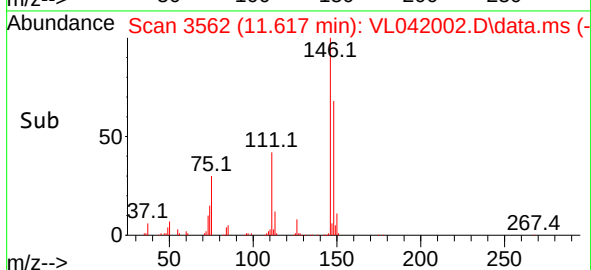
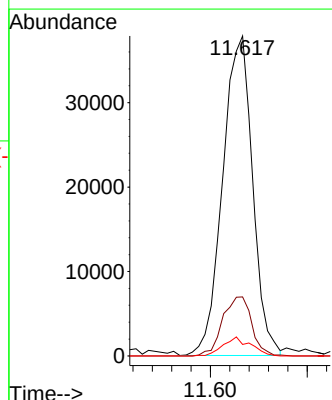
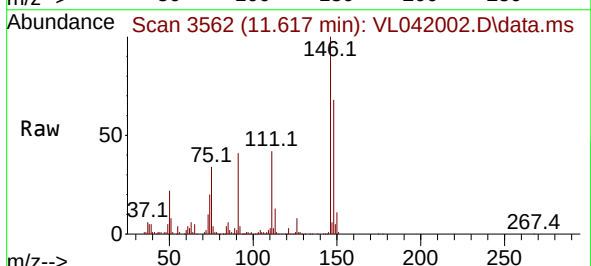
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

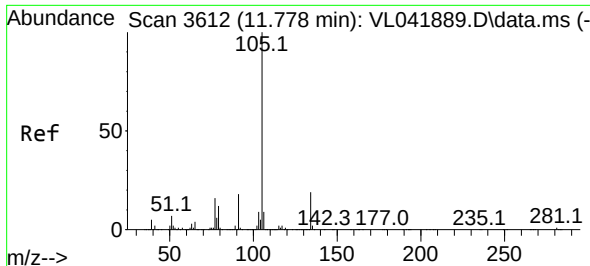
Tgt Ion:119 Resp: 713820
Ion Ratio Lower Upper
119 100
91 79.2 64.6 97.0
134 21.3 16.8 25.2



#66
Benzyl Chloride
Concen: 9.830 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. -0.010 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

Tgt Ion: 91 Resp: 40619
Ion Ratio Lower Upper
91 100
126 18.0 14.1 21.1
128 5.5 4.3 6.5

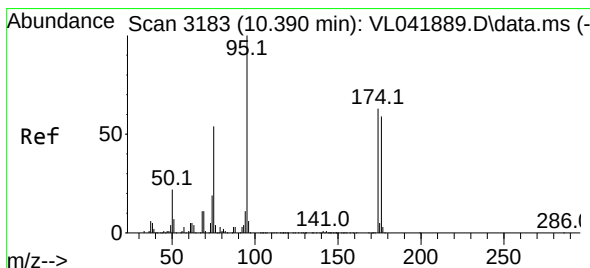
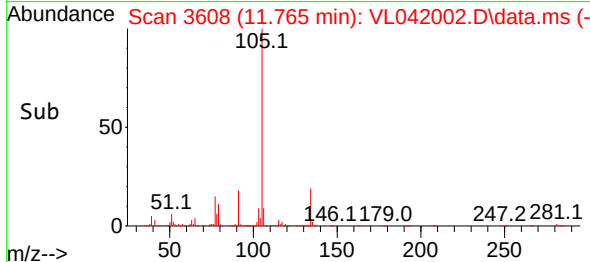
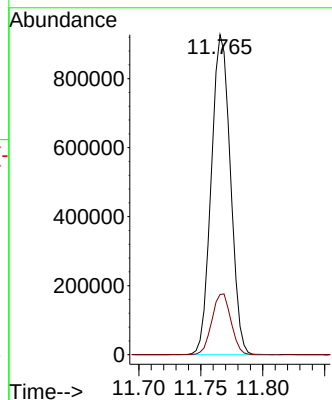
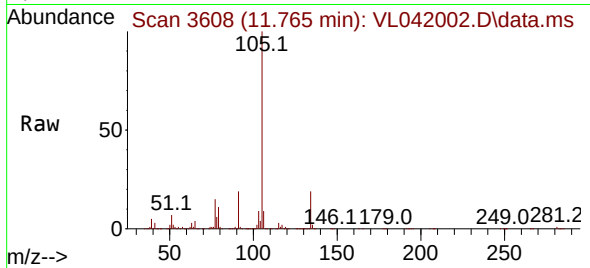




#67
 sec-Butylbenzene
 Concen: 10.869 ppbv
 RT: 11.765 min Scan# 30
 Delta R.T. -0.013 min
 Lab File: VL042002.D
 Acq: 11 Feb 2025 14:00

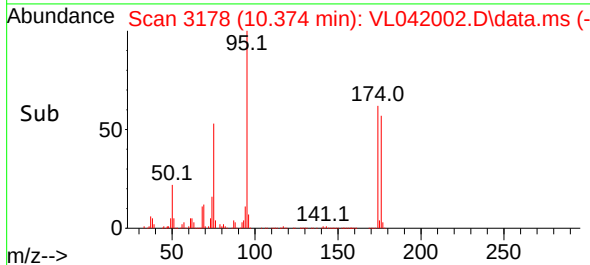
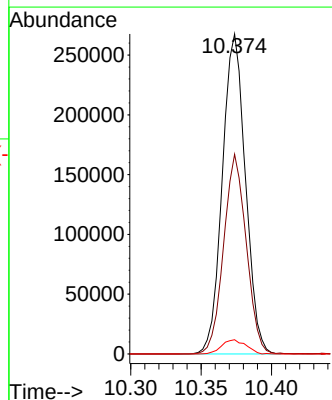
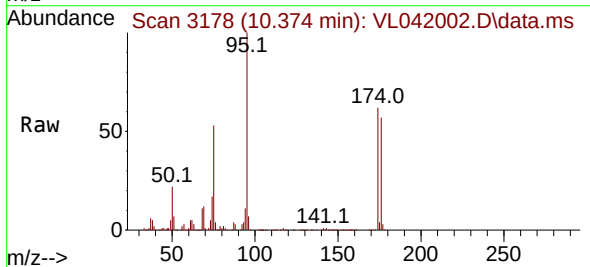
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

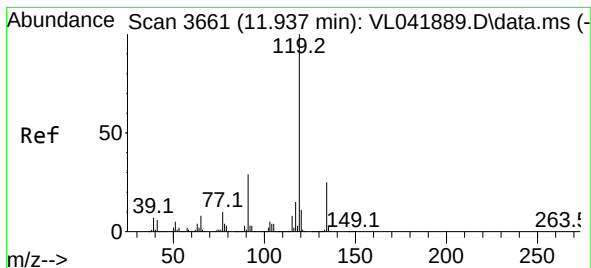
Tgt Ion:105 Resp: 999167
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.182 ppbv
 RT: 10.374 min Scan# 3178
 Delta R.T. -0.016 min
 Lab File: VL042002.D
 Acq: 11 Feb 2025 14:00

Tgt Ion: 95 Resp: 305350
 Ion Ratio Lower Upper
 95 100
 174 61.1 49.0 73.4
 175 4.7 3.8 5.8

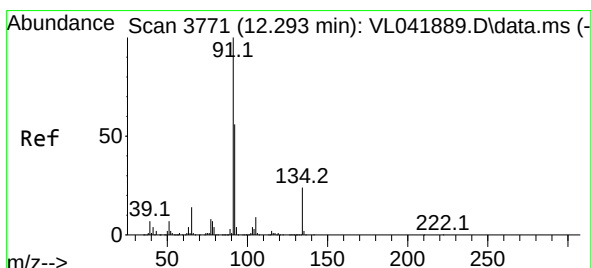
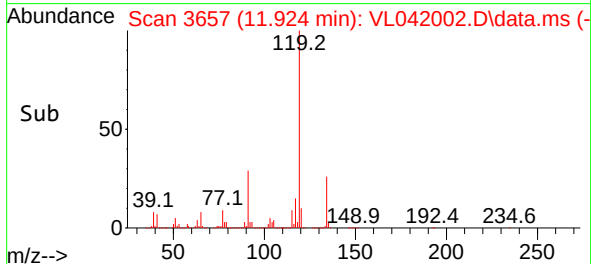
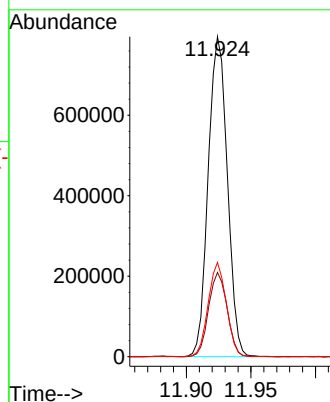
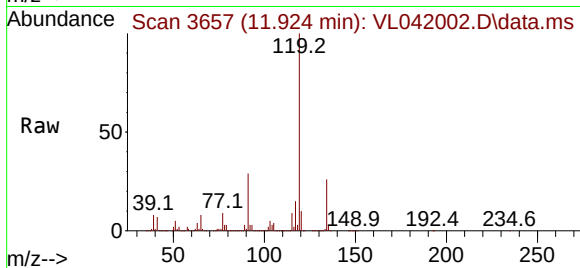




#69
 p-Isopropyltoluene
 Concen: 10.833 ppbv
 RT: 11.924 min Scan# 3657
 Delta R.T. -0.013 min
 Lab File: VL042002.D
 Acq: 11 Feb 2025 14:00

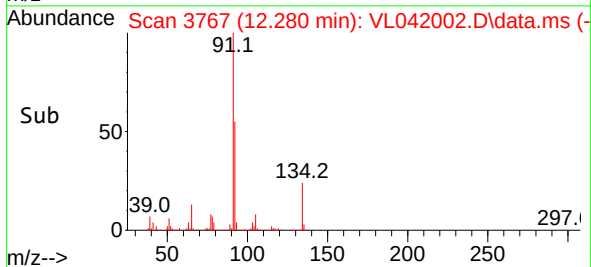
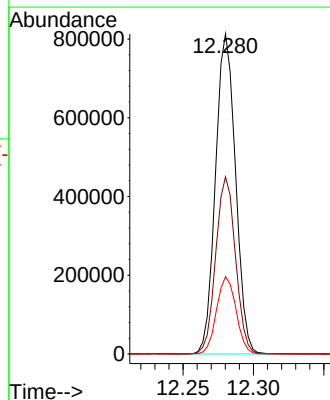
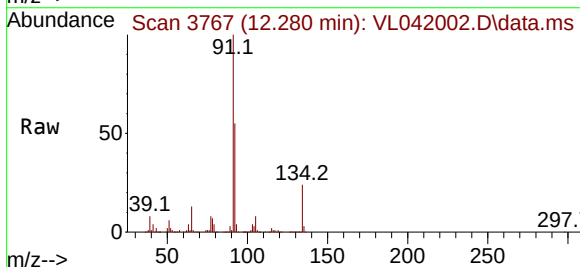
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

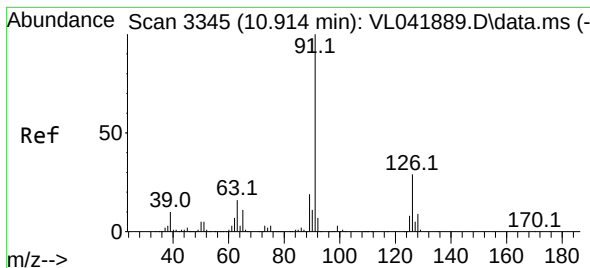
Tgt Ion:119 Resp: 820067
 Ion Ratio Lower Upper
 119 100
 134 25.6 19.8 29.6
 91 28.0 23.0 34.4



#70
 n-Butylbenzene
 Concen: 10.729 ppbv
 RT: 12.280 min Scan# 3767
 Delta R.T. -0.013 min
 Lab File: VL042002.D
 Acq: 11 Feb 2025 14:00

Tgt Ion: 91 Resp: 805425
 Ion Ratio Lower Upper
 91 100
 92 54.6 43.8 65.6
 134 23.5 19.0 28.6

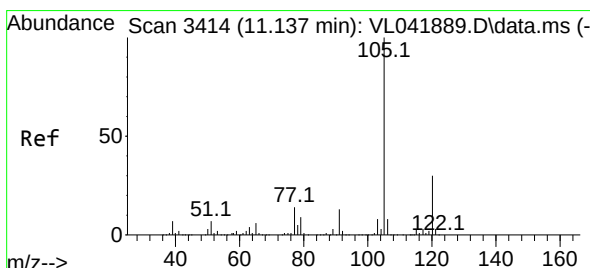
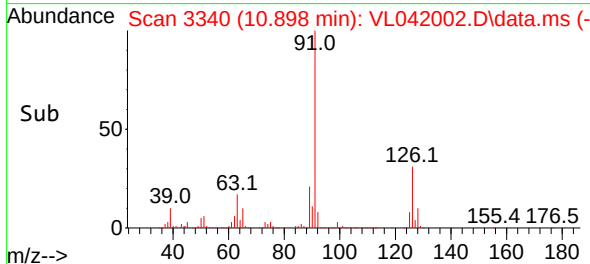
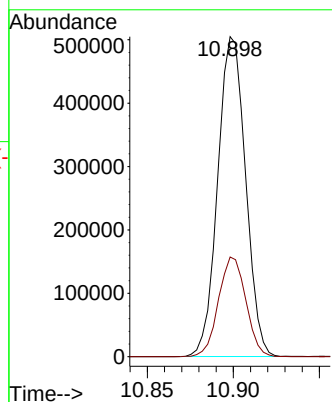
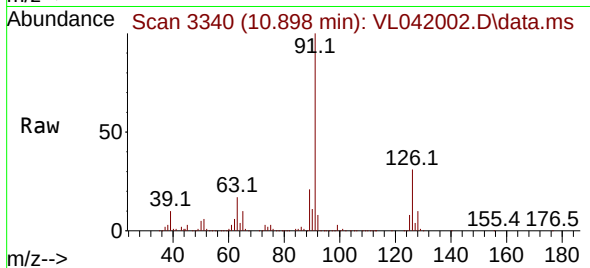




#71
2-Chlorotoluene
Concen: 10.481 ppbv
RT: 10.898 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

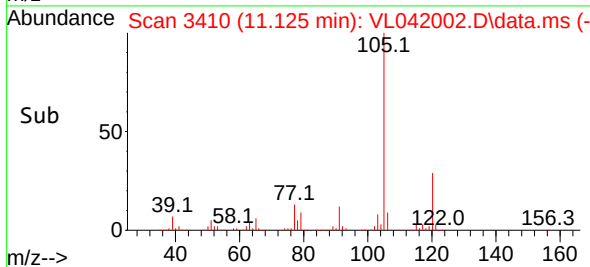
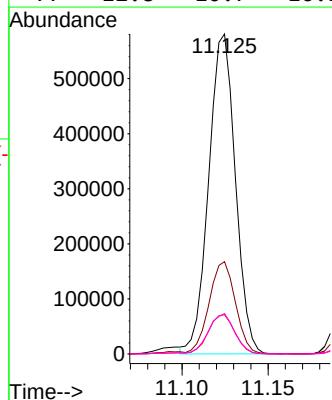
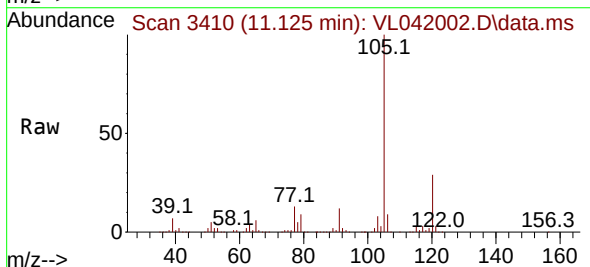
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

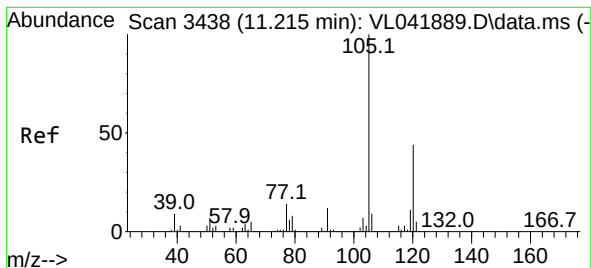
Tgt Ion: 91 Resp: 567976
Ion Ratio Lower Upper
91 100
126 30.6 11.7 46.7



#72
4-Ethyltoluene
Concen: 11.057 ppbv
RT: 11.125 min Scan# 3410
Delta R.T. -0.013 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

Tgt Ion: 105 Resp: 626157
Ion Ratio Lower Upper
105 100
120 29.3 23.7 35.5
91 12.5 10.2 15.2
77 12.8 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 10.617 ppbv

RT: 11.202 min Scan# 3438

Delta R.T. -0.013 min

Lab File: VL042002.D

Acq: 11 Feb 2025 14:00

Instrument :

MSVOA_L

ClientSampleId :

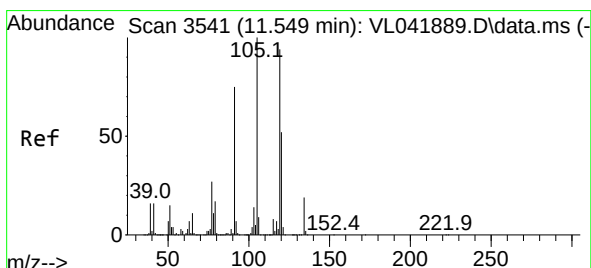
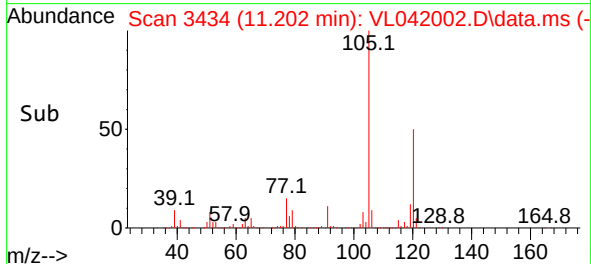
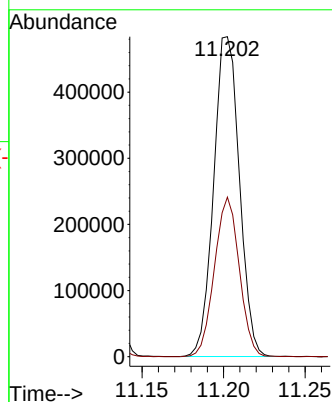
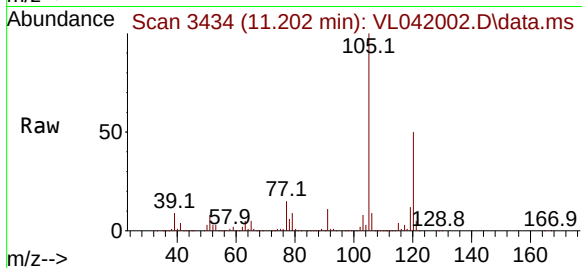
VSTDCCC010EC

Tgt Ion:105 Resp: 530930

Ion Ratio Lower Upper

105 100

120 49.9 35.4 53.2



#74

1,2,4-Trimethylbenzene

Concen: 10.951 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. -0.013 min

Lab File: VL042002.D

Acq: 11 Feb 2025 14:00

Tgt Ion:105 Resp: 593089

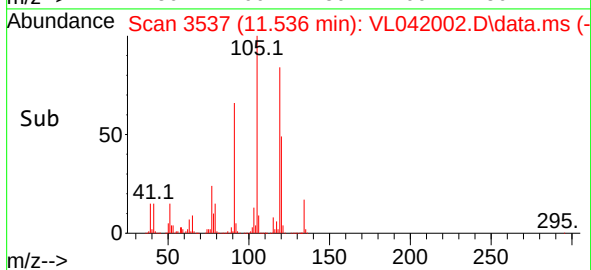
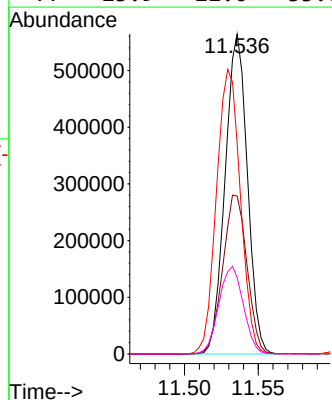
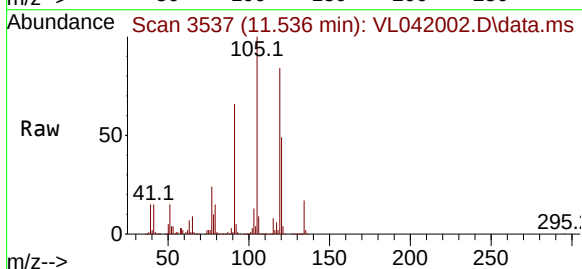
Ion Ratio Lower Upper

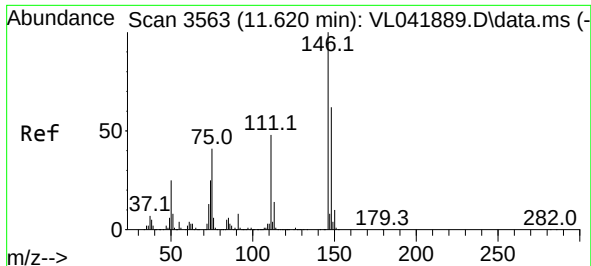
105 100

120 49.4 41.4 62.2

91 65.8 60.2 90.2

77 23.9 22.0 33.0

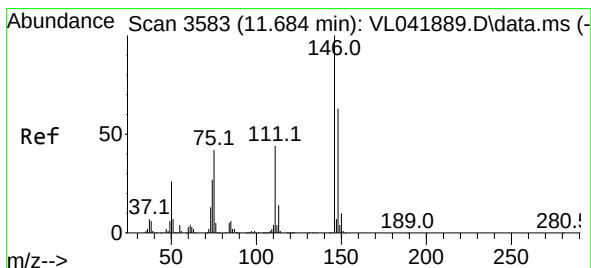
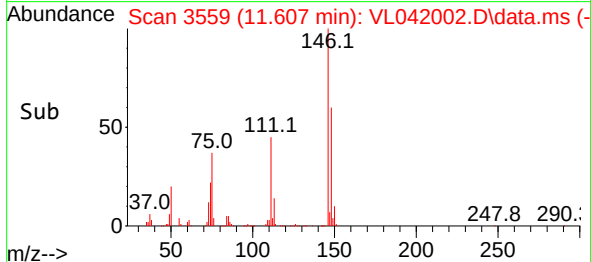
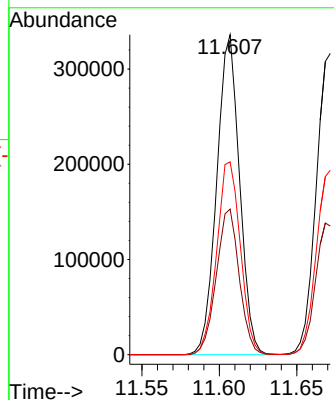
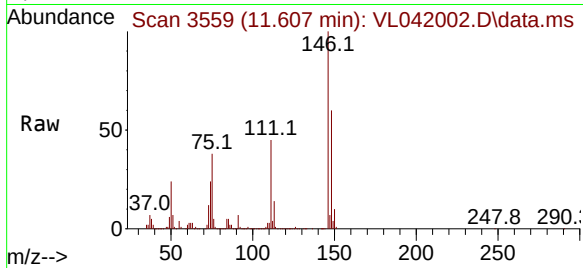




#75
1,3-Dichlorobenzene
Concen: 10.714 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. -0.013 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

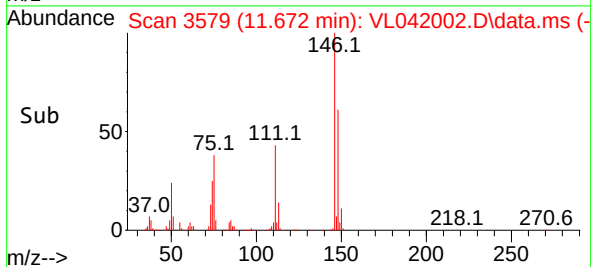
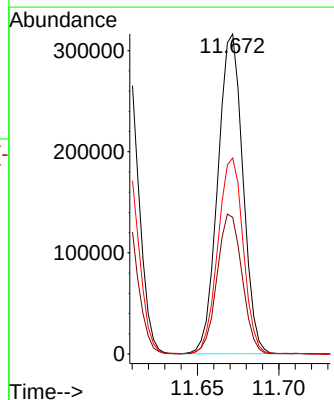
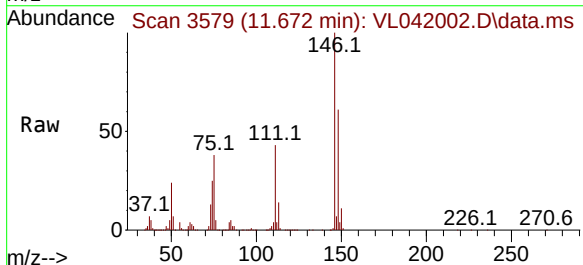
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

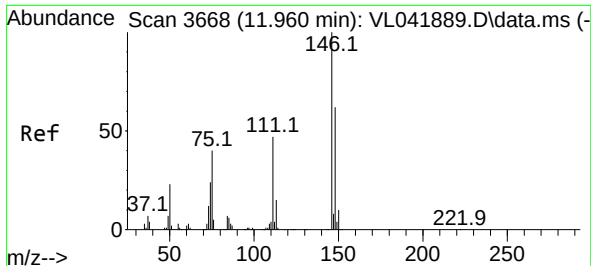
Tgt Ion:146 Resp: 343840
Ion Ratio Lower Upper
146 100
111 45.8 23.6 70.8
148 62.5 31.4 94.0



#76
1,4-Dichlorobenzene
Concen: 10.748 ppbv
RT: 11.672 min Scan# 3579
Delta R.T. -0.013 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

Tgt Ion:146 Resp: 337469
Ion Ratio Lower Upper
146 100
111 43.9 22.4 67.0
148 62.0 31.9 95.5

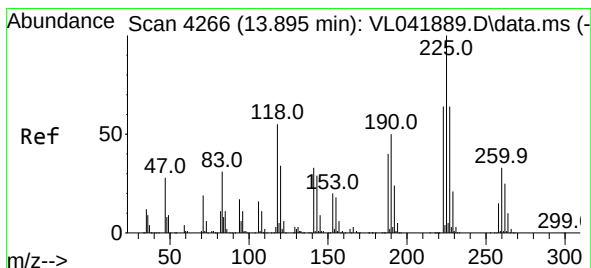
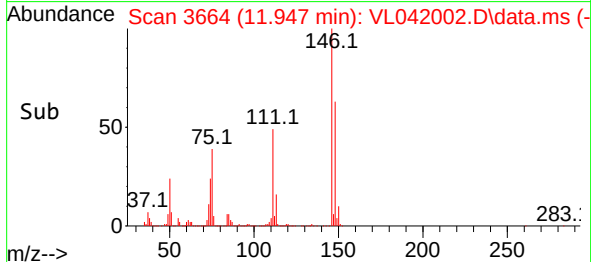
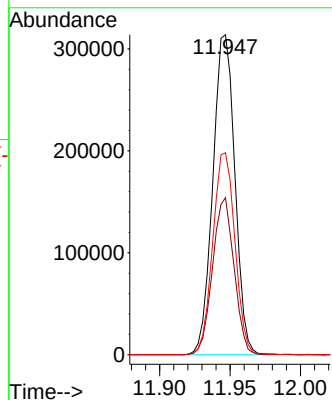
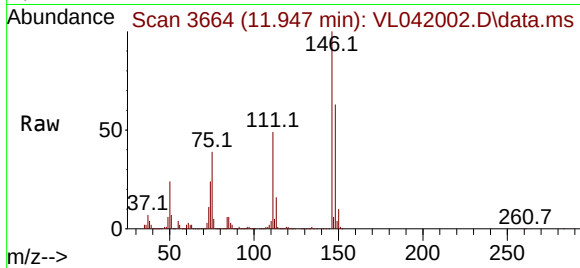




#77
1,2-Dichlorobenzene
Concen: 10.749 ppbv
RT: 11.947 min Scan# 3664
Delta R.T. -0.013 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

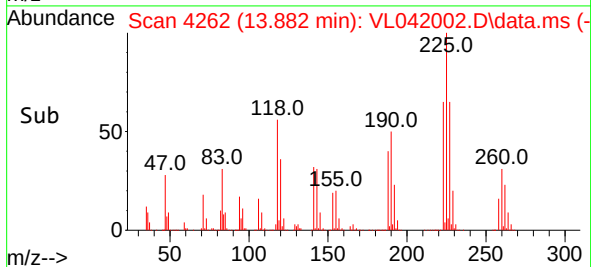
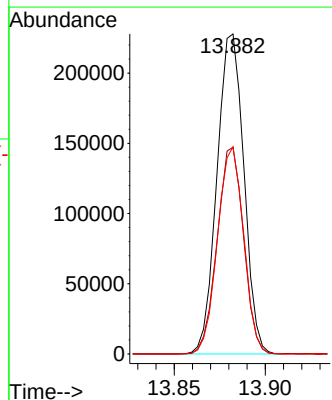
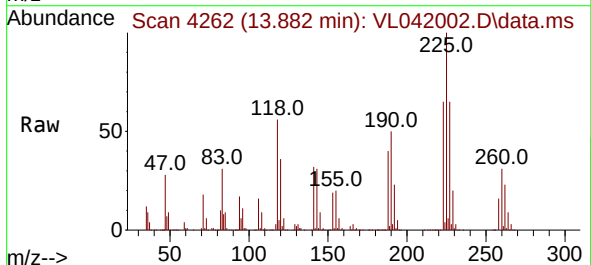
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

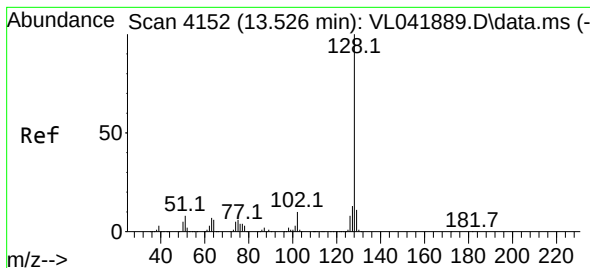
Tgt Ion:146 Resp: 341863
Ion Ratio Lower Upper
146 100
111 47.8 24.2 72.6
148 63.5 31.7 95.1



#78
Hexachloro-1,3-Butadiene
Concen: 8.958 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.013 min
Lab File: VL042002.D
Acq: 11 Feb 2025 14:00

Tgt Ion:225 Resp: 233854
Ion Ratio Lower Upper
225 100
223 63.2 50.8 76.2
227 62.9 50.3 75.5





#79

Naphthalene

Concen: 9.385 ppbv

RT: 13.513 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL042002.D

Acq: 11 Feb 2025 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

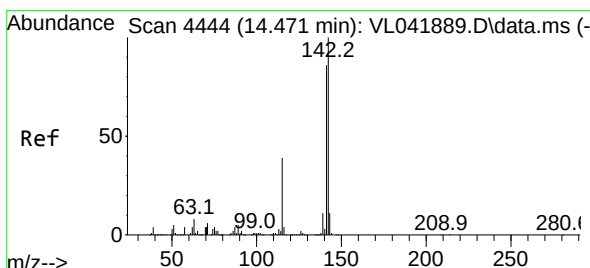
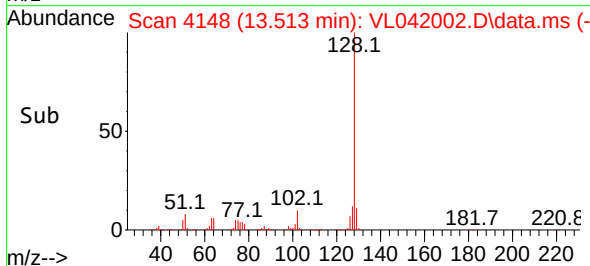
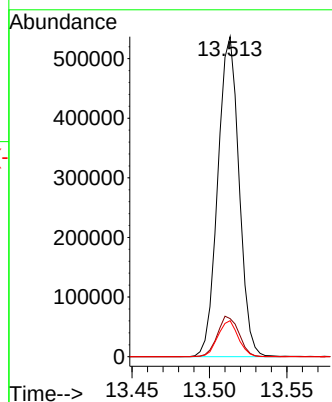
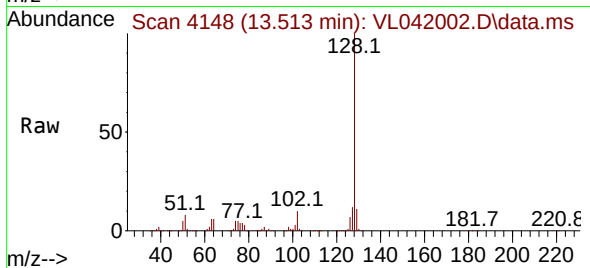
Tgt Ion:128 Resp: 511725

Ion Ratio Lower Upper

128 100

127 11.9 10.2 15.4

129 11.3 9.1 13.7



#80

Naphthalene,2-methyl-

Concen: 5.050 ppbv

RT: 14.458 min Scan# 4440

Delta R.T. -0.013 min

Lab File: VL042002.D

Acq: 11 Feb 2025 14:00

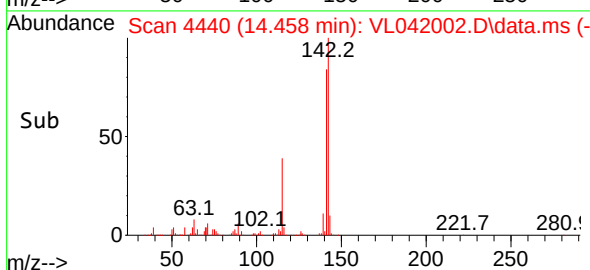
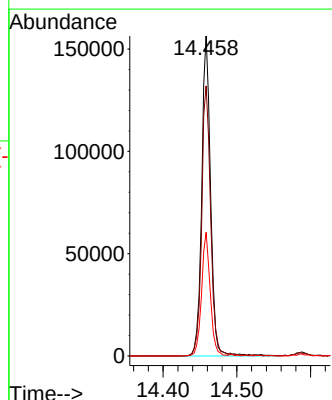
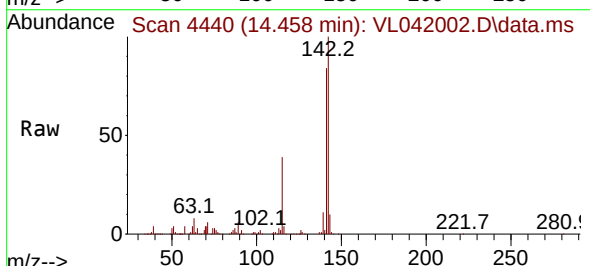
Tgt Ion:142 Resp: 130552

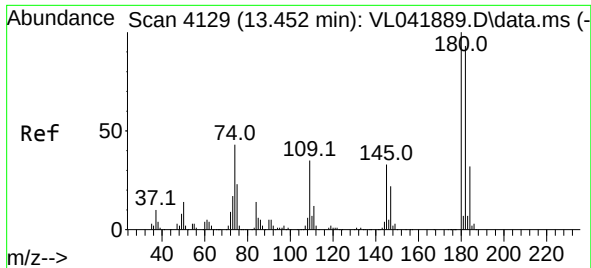
Ion Ratio Lower Upper

142 100

141 86.1 68.1 102.1

115 38.4 31.7 47.5





#81

1,2,4-Trichlorobenzene

Concen: 8.504 ppbv

RT: 13.439 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL042002.D

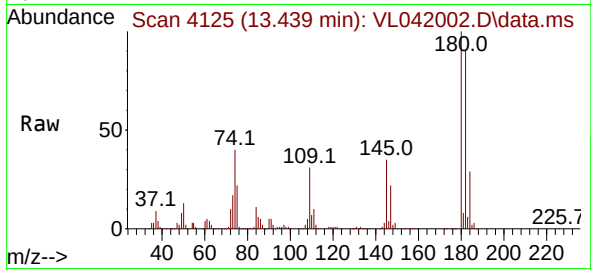
Acq: 11 Feb 2025 14:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 226328

Ion Ratio Lower Upper

180 100

182 94.6 77.0 115.6

184 29.5 24.9 37.3

