

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022625\
 Data File : VL042064.D
 Acq On : 26 Feb 2025 16:29
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Quant Time: Feb 27 00:32:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	145126	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.971	114	339812	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	289628	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.386	95	238619	10.709	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	159582	10.575	ppbv	97
3) Chlorodifluoromethane	1.479	51	204969	9.718	ppbv	100
4) Chloromethane	1.537	50	55035	9.861	ppbv	97
5) Vinyl Chloride	1.583	62	53022	10.044	ppbv	98
6) Bromomethane	1.670	94	25310	10.069	ppbv	96
7) Chloroethane	1.709	64	21079	9.828	ppbv	90
8) Dichlorotetrafluoroethane	1.557	85	124960	10.073	ppbv	99
9) Propene	1.486	41	81837	9.524	ppbv	98
10) Heptane	4.994	43	250710	9.371	ppbv	98
11) Trichlorofluoromethane	1.881	101	153827	10.173	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.146	101	124247	10.301	ppbv	97
13) Ethanol	1.725	45	2739	5.021	ppbv	96
14) Bromoethene	1.787	108	42497	9.977	ppbv	100
15) Acetone	1.838	43	117289	9.152	ppbv	100
16) 1,3-Butadiene	1.612	39	59439	9.966	ppbv	97
17) tert-Butyl alcohol	2.046	59	141752	8.840	ppbv	98
18) 1,1-Dichloroethene	2.039	96	49911	9.158	ppbv	97
19) Isopropyl Alcohol	1.890	45	64058	8.701	ppbv	96
20) Methylene Chloride	2.068	84	43857	9.047	ppbv	98
21) Allyl Chloride	2.101	41	91044	9.832	ppbv	98
22) trans-1,2-Dichloroethene	2.347	96	61633	9.701	ppbv	95
23) Vinyl Acetate	2.470	43	67233	7.461	ppbv #	97
24) 1,1-Dichloroethane	2.415	63	116741	9.875	ppbv	100
25) Ethyl Acetate	2.845	43	504056	9.826	ppbv	99
26) Hexane	2.835	57	191992	9.257	ppbv	94
27) Carbon Disulfide	2.156	76	142910	10.165	ppbv	99
28) Methyl tert-Butyl Ether	2.450	73	126508	12.252	ppbv	98
29) Chloroform	2.858	83	261772	9.378	ppbv	99
30) Cyclohexane	3.871	84	149052	8.855	ppbv	91
31) cis-1,2-Dichloroethene	2.729	61	183442	9.344	ppbv	94
32) 1,1,1-Trichloroethane	3.379	97	248076	9.162	ppbv	95
34) 2-Butanone	2.567	43	290227	10.963	ppbv	95
35) Carbon Tetrachloride	3.774	117	251828	10.747	ppbv	94
36) Benzene	3.670	78	359459	10.105	ppbv	97
37) 1,2-Dichloroethane	3.227	62	214176	10.859	ppbv	98
38) Trichloroethene	4.564	130	137505	9.466	ppbv	97
39) 1,2-Dichloropropane	4.331	63	138024	10.222	ppbv	97
40) 1,4-Dioxane	4.606	88	33967	5.511	ppbv #	16
41) Tetrahydrofuran	3.065	42	165714	10.594	ppbv	97
42) Bromodichloromethane	4.505	83	279856	10.531	ppbv	100
43) Methyl Methacrylate	4.900	69	144235	10.382	ppbv	91
44) 2,2,4-Trimethylpentane	4.658	57	649945	10.352	ppbv	98
45) t-1,3-Dichloropropene	6.438	75	137874	9.989	ppbv	93

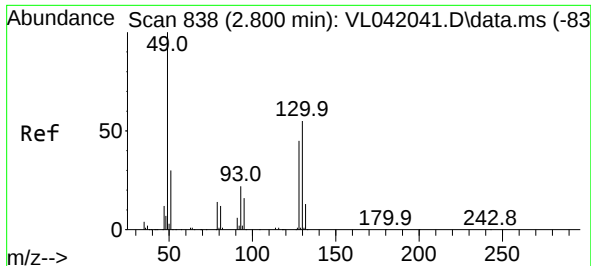
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022625\
 Data File : VL042064.D
 Acq On : 26 Feb 2025 16:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Feb 27 00:32:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.622	75	182891	10.240	ppbv	99
47) 1,1,2-Trichloroethane	6.606	97	137964	10.065	ppbv	93
48) Dibromochloromethane	7.406	129	218061	10.157	ppbv	99
49) Bromoform	9.496	173	185761	9.964	ppbv	98
50) 4-Methyl-2-Pentanone	5.774	43	405288	11.837	ppbv	97
51) 2-Hexanone	7.454	43	330554	14.028	ppbv #	98
52) Tetrachloroethene	8.241	164	119036	9.775	ppbv	95
53) Toluene	6.949	91	398443	10.022	ppbv	99
54) 1,2-Dibromoethane	7.671	107	183074	9.879	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.940	131	168838	10.314	ppbv	100
57) Chlorobenzene	8.936	112	309702	10.313	ppbv	99
58) Ethyl Benzene	9.367	91	561460	10.526	ppbv	99
59) m/p-Xylene	9.545	91	468383	11.035	ppbv #	100
60) o-Xylene	9.975	91	449623	10.537	ppbv	99
61) Styrene	9.885	104	211787	10.557	ppbv	99
62) Isopropylbenzene	10.552	105	664649	10.400	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.975	83	292489	10.408	ppbv	100
64) n-propylbenzene	11.001	120	180511	10.768	ppbv	100
65) tert-Butylbenzene	11.542	119	591673	10.173	ppbv	98
66) Benzyl Chloride	11.626	91	40834	9.201	ppbv	96
67) sec-Butylbenzene	11.778	105	852278	10.246	ppbv	99
69) p-Isopropyltoluene	11.937	119	700437	10.584	ppbv	99
70) n-Butylbenzene	12.293	91	732089	10.837	ppbv	99
71) 2-Chlorotoluene	10.911	91	509698	10.346	ppbv	100
72) 4-Ethyltoluene	11.137	105	557470	10.700	ppbv	99
73) 1,3,5-Trimethylbenzene	11.215	105	471475	10.432	ppbv	99
74) 1,2,4-Trimethylbenzene	11.548	105	508162	9.985	ppbv	99
75) 1,3-Dichlorobenzene	11.620	146	301775	10.303	ppbv	99
76) 1,4-Dichlorobenzene	11.681	146	301091	10.354	ppbv	99
77) 1,2-Dichlorobenzene	11.956	146	295784	10.407	ppbv	99
78) Hexachloro-1,3-Butadiene	13.892	225	209616	9.478	ppbv	99
79) Naphthalene	13.523	128	456669	13.087	ppbv	99
80) Naphthalene,2-methyl-	14.468	142	163016	17.071	ppbv	99
81) 1,2,4-Trichlorobenzene	13.448	180	206336	10.610	ppbv	99

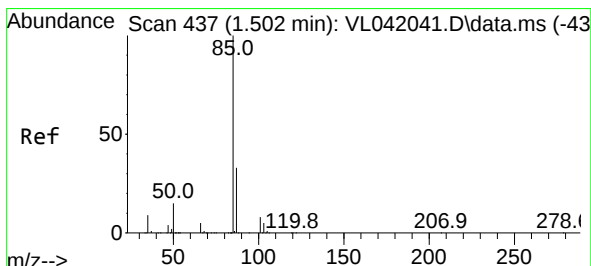
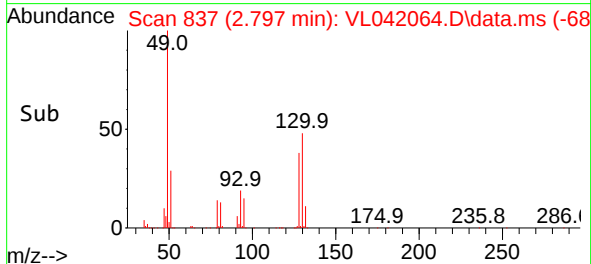
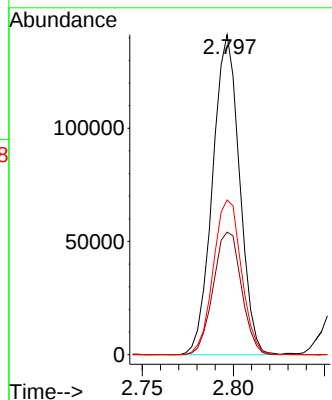
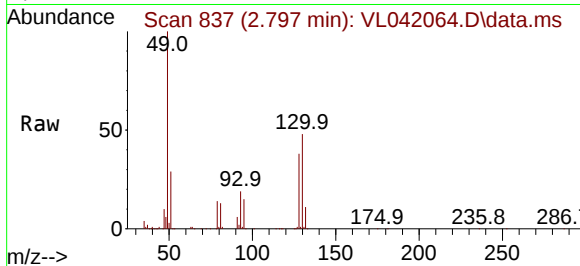
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.797 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042064.D
 Acq: 26 Feb 2025 16:29

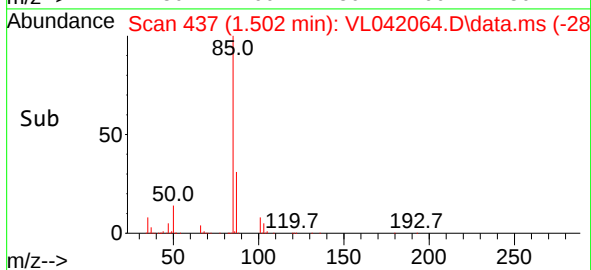
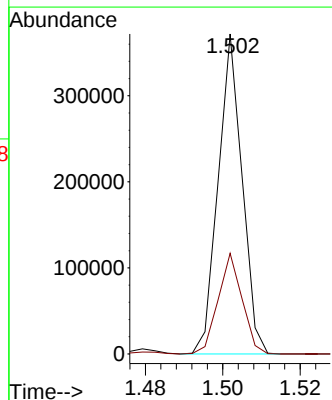
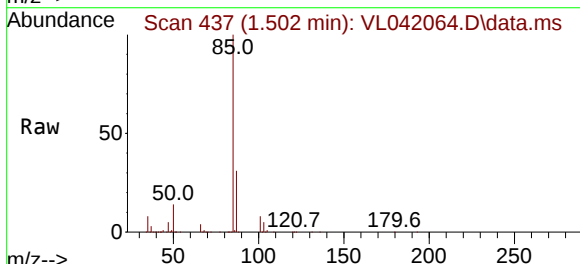
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 ClientSampleId :
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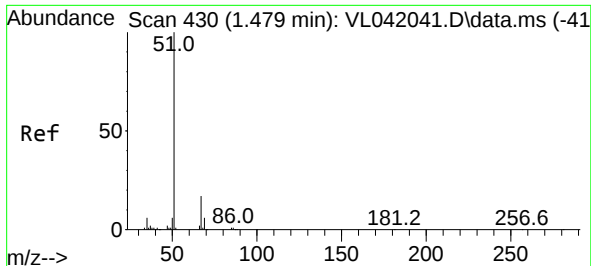
Tgt Ion: 49 Resp: 145126
 Ion Ratio Lower Upper
 49 100
 128 40.1 21.6 64.8
 130 50.3 27.8 83.4



#2
 Dichlorodifluoromethane
 Concen: 10.575 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. -0.000 min
 Lab File: VL042064.D
 Acq: 26 Feb 2025 16:29

Tgt Ion: 85 Resp: 159582
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.4 39.6

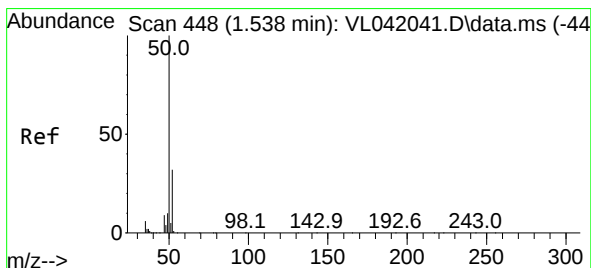
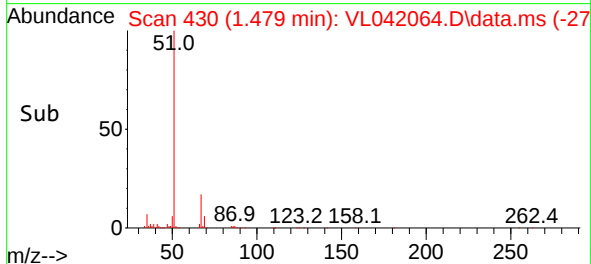
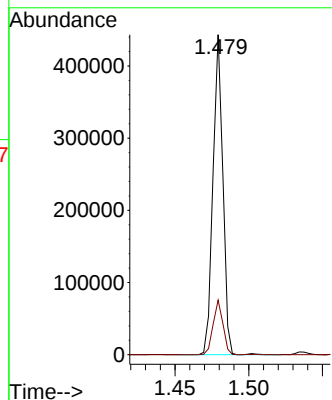
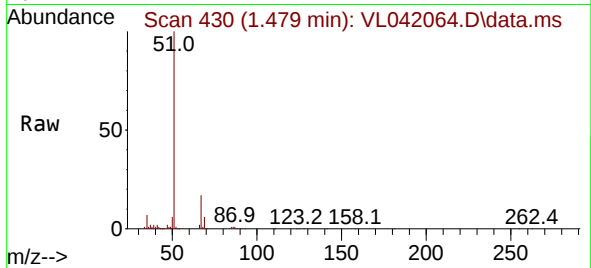




#3
Chlorodifluoromethane
Concen: 9.718 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

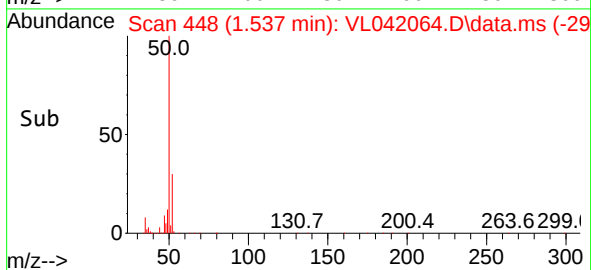
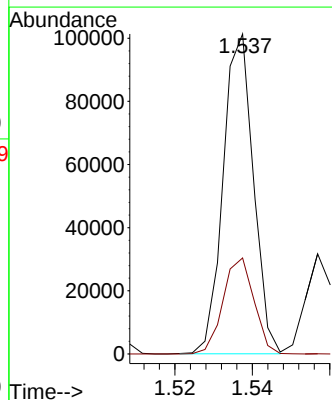
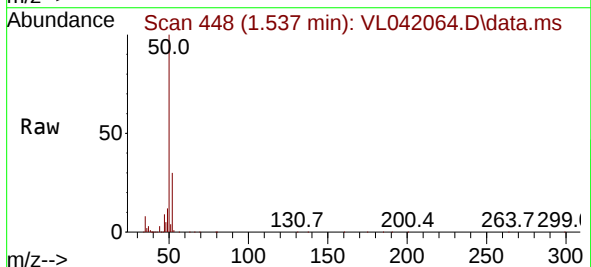
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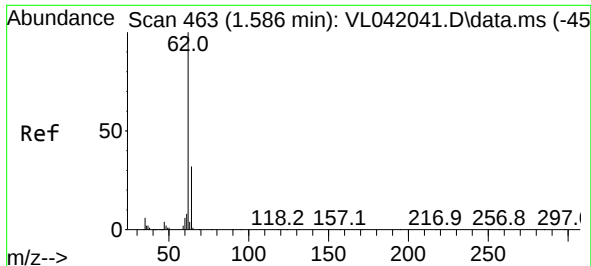
Tgt Ion: 51 Resp: 204969
Ion Ratio Lower Upper
51 100
67 17.2 13.7 20.5



#4
Chloromethane
Concen: 9.861 ppbv
RT: 1.537 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

Tgt Ion: 50 Resp: 55035
Ion Ratio Lower Upper
50 100
52 30.0 25.4 38.0

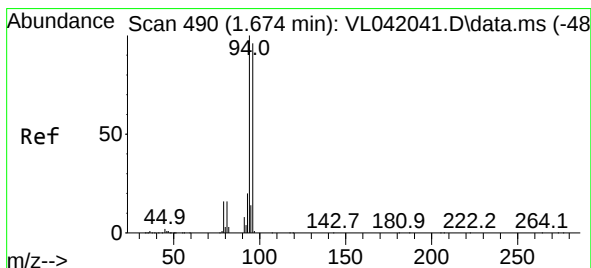
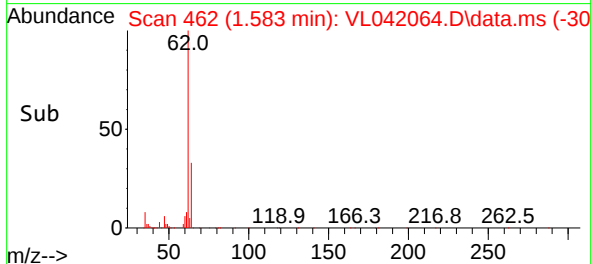
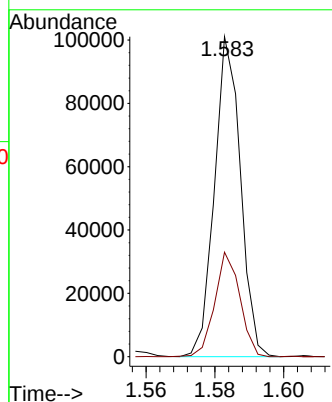
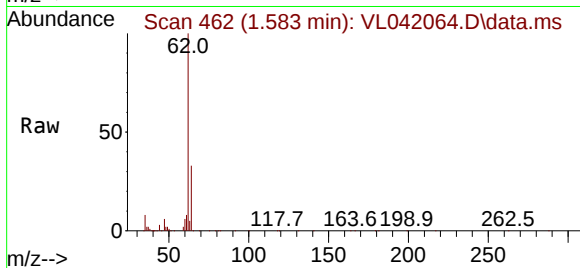




#5
 Vinyl Chloride
 Concen: 10.044 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.004 min
 Lab File: VL042064.D
 Acq: 26 Feb 2025 16:29

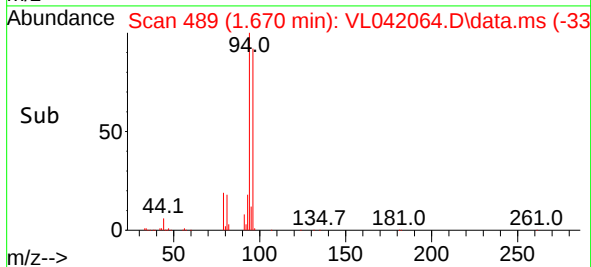
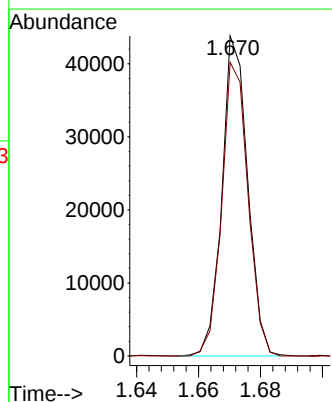
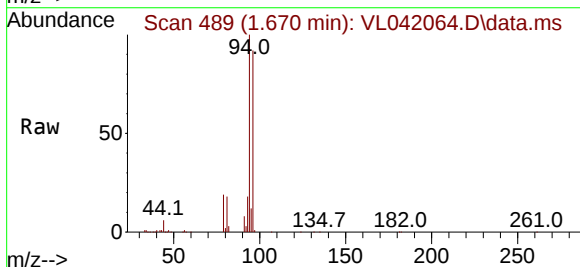
Instrument :
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 ClientSampleId :
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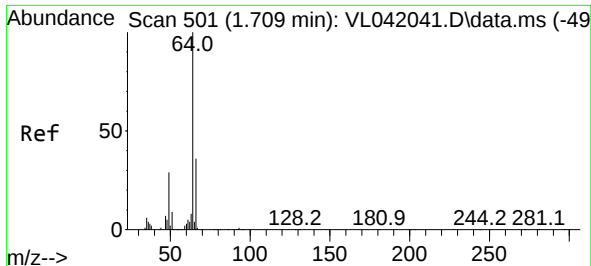
Tgt Ion: 62 Resp: 53022
 Ion Ratio Lower Upper
 62 100
 64 32.6 25.3 37.9



#6
 Bromomethane
 Concen: 10.069 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.004 min
 Lab File: VL042064.D
 Acq: 26 Feb 2025 16:29

Tgt Ion: 94 Resp: 25310
 Ion Ratio Lower Upper
 94 100
 96 91.8 76.5 114.7

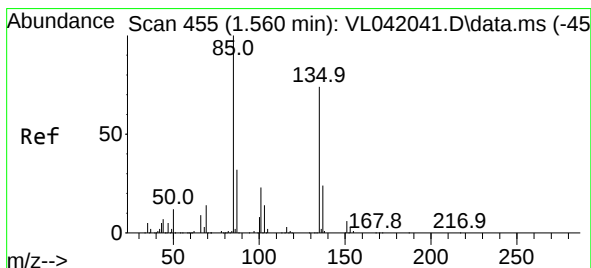
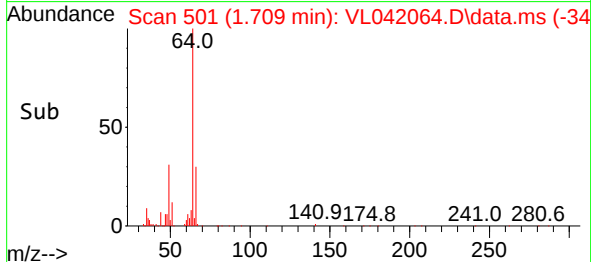
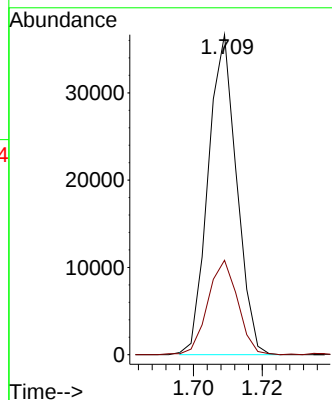
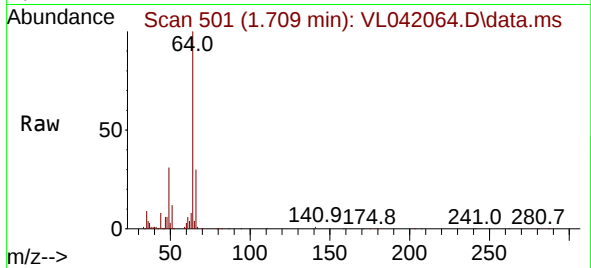




#7
Chloroethane
Concen: 9.828 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.000 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

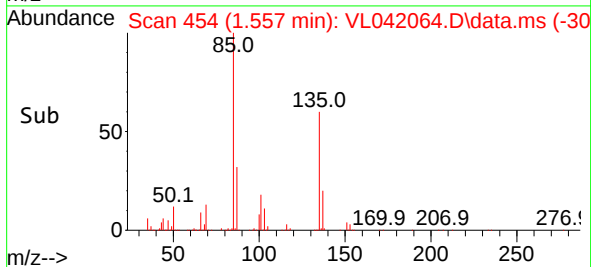
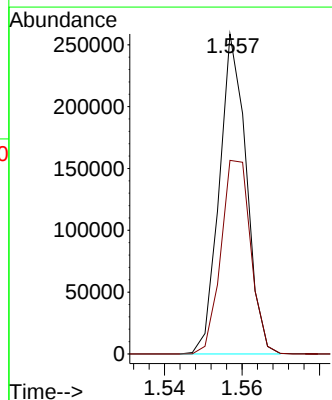
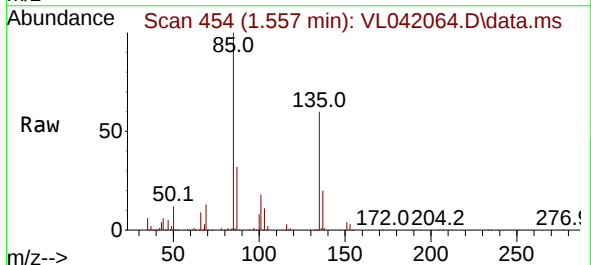
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ClientSampleId :
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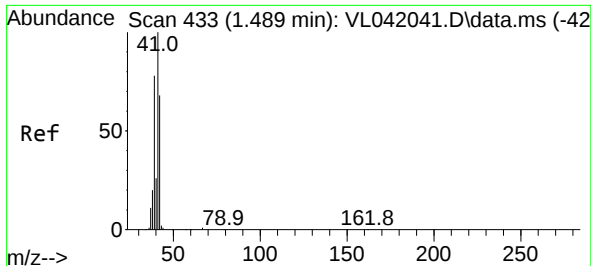
Tgt Ion: 64 Resp: 21079
Ion Ratio Lower Upper
64 100
66 29.5 28.4 42.6



#8
Dichlorotetrafluoroethane
Concen: 10.073 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.004 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

Tgt Ion: 85 Resp: 124960
Ion Ratio Lower Upper
85 100
135 67.1 54.6 81.8

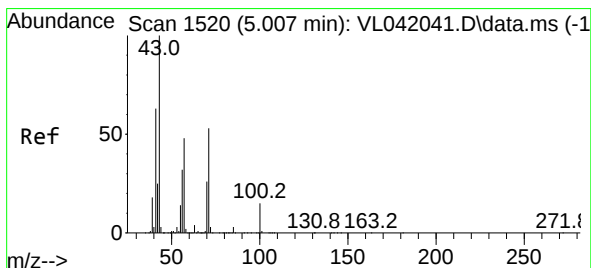
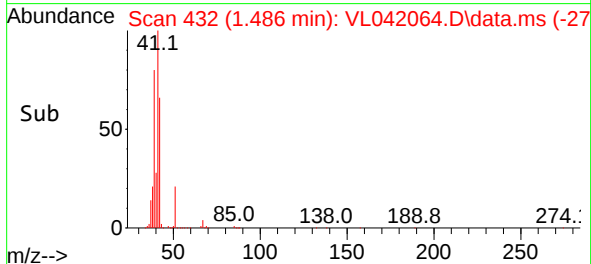
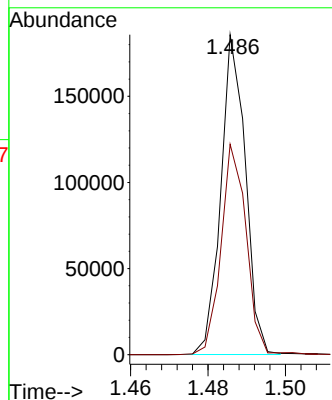
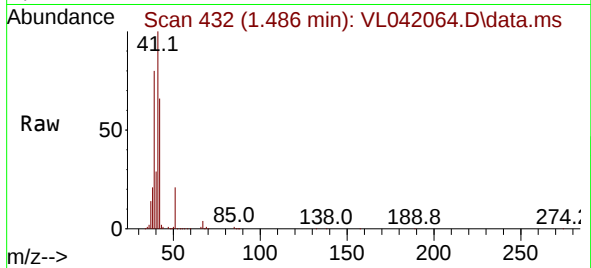




#9
Propene
Concen: 9.524 ppbv
RT: 1.486 min Scan# 41
Delta R.T. -0.004 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

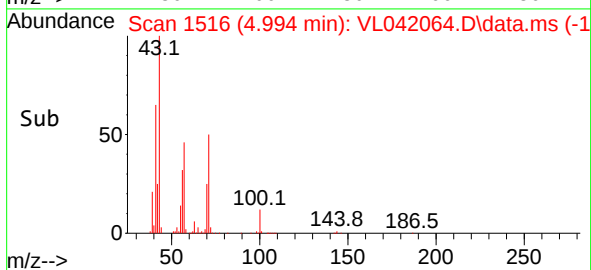
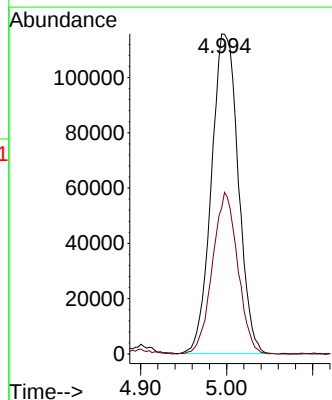
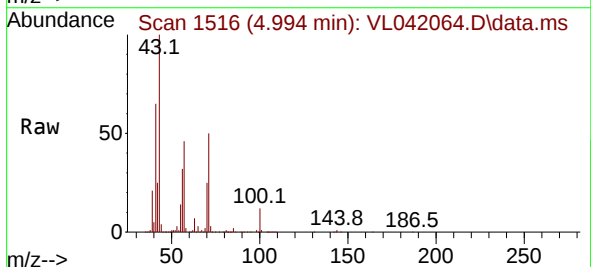
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

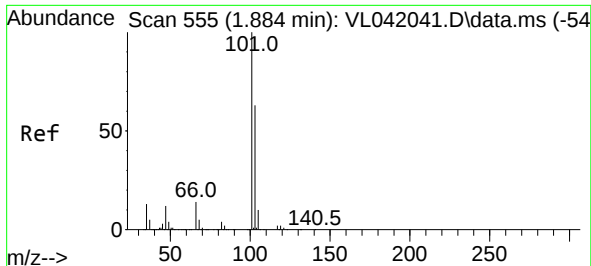
Tgt Ion: 41 Resp: 81837
Ion Ratio Lower Upper
41 100
42 67.7 55.8 83.6



#10
Heptane
Concen: 9.371 ppbv
RT: 4.994 min Scan# 1516
Delta R.T. -0.013 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

Tgt Ion: 43 Resp: 250710
Ion Ratio Lower Upper
43 100
57 47.6 39.4 59.0

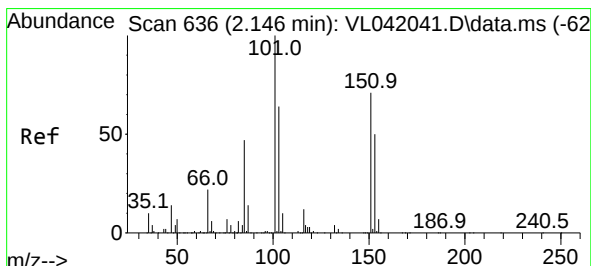
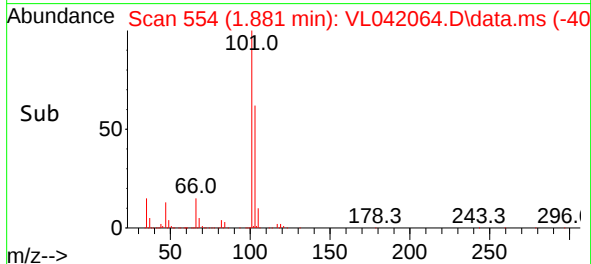
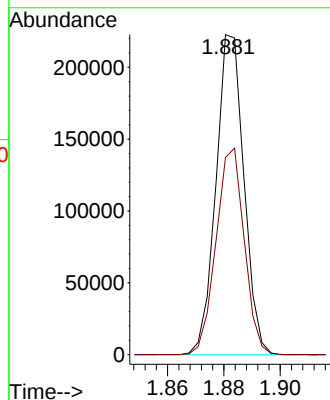
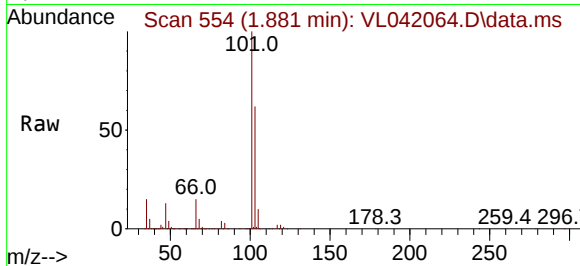




#11
 Trichlorofluoromethane
 Concen: 10.173 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. -0.004 min
 Lab File: VL042064.D
 Acq: 26 Feb 2025 16:29

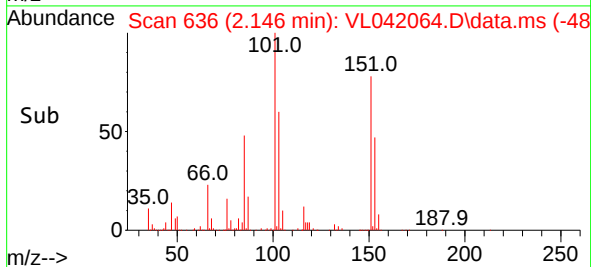
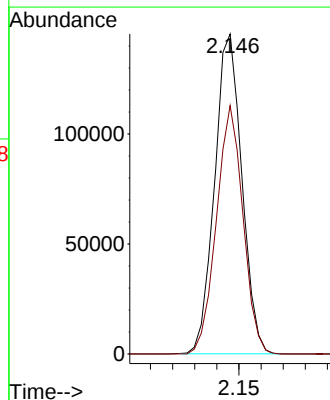
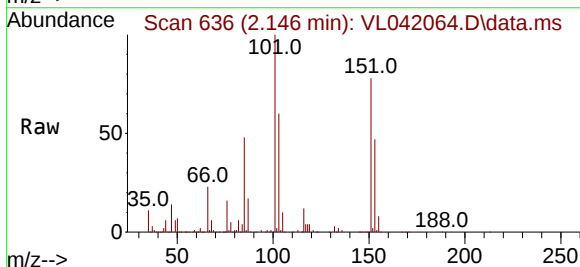
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

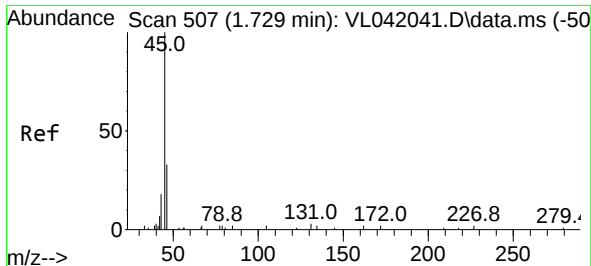
Tgt Ion:101 Resp: 153827
 Ion Ratio Lower Upper
 101 100
 103 61.6 50.6 75.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.301 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. -0.000 min
 Lab File: VL042064.D
 Acq: 26 Feb 2025 16:29

Tgt Ion:101 Resp: 124247
 Ion Ratio Lower Upper
 101 100
 151 75.7 62.6 94.0

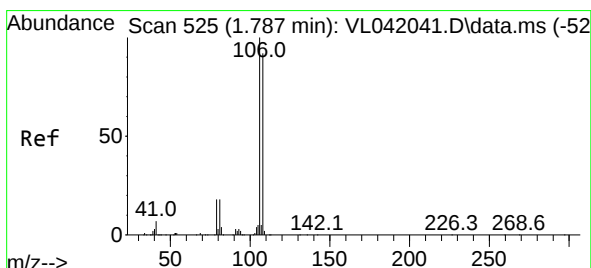
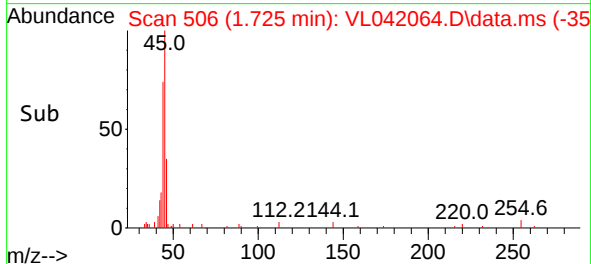
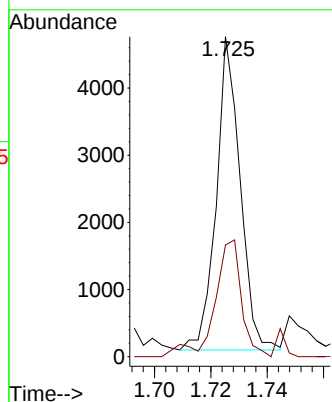
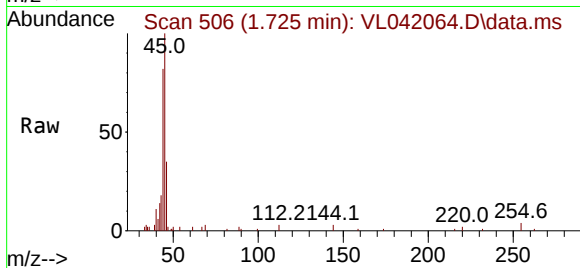




#13
 Ethanol
 Concen: 5.021 ppbv
 RT: 1.725 min Scan# 507
 Delta R.T. -0.003 min
 Lab File: VL042064.D
 Acq: 26 Feb 2025 16:29

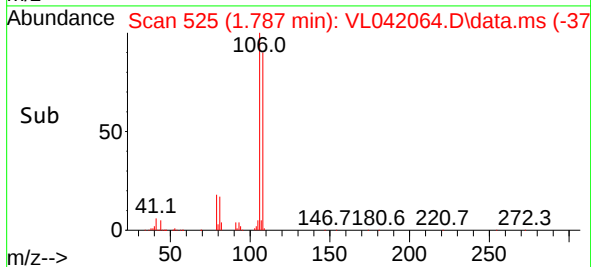
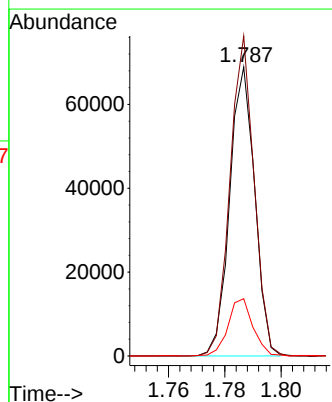
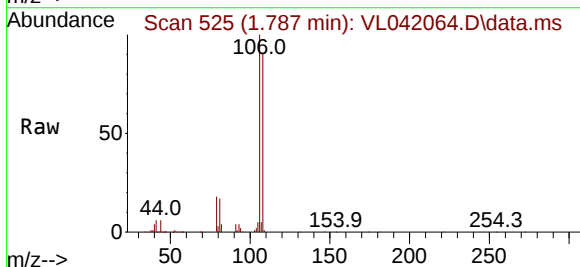
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

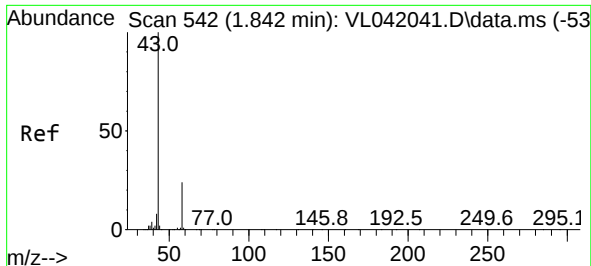
Tgt Ion: 45 Resp: 2739
 Ion Ratio Lower Upper
 45 100
 46 45.2 17.1 68.3



#14
 Bromoethene
 Concen: 9.977 ppbv
 RT: 1.787 min Scan# 525
 Delta R.T. -0.000 min
 Lab File: VL042064.D
 Acq: 26 Feb 2025 16:29

Tgt Ion: 108 Resp: 42497
 Ion Ratio Lower Upper
 108 100
 106 106.4 85.4 128.0
 79 20.1 16.5 24.7

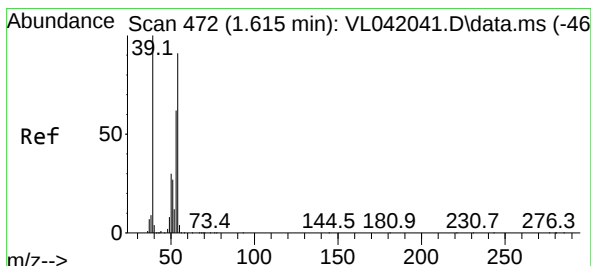
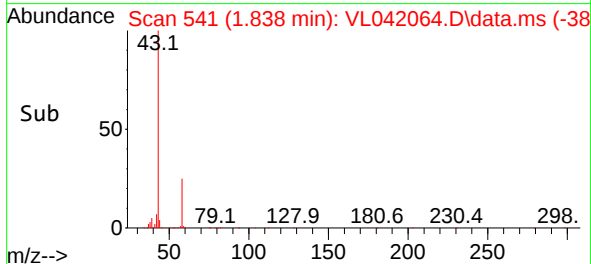
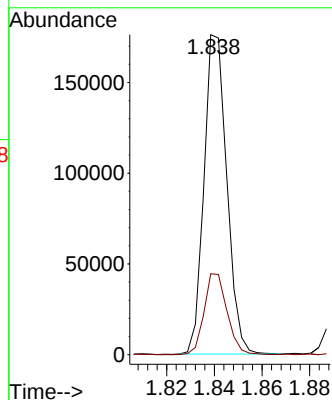
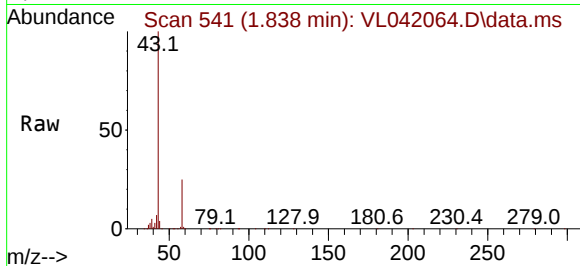




#15
Acetone
Concen: 9.152 ppbv
RT: 1.838 min Scan# 54
Delta R.T. -0.004 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

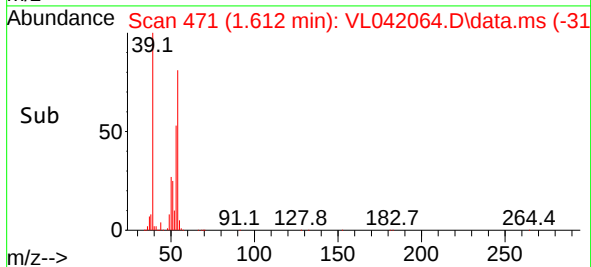
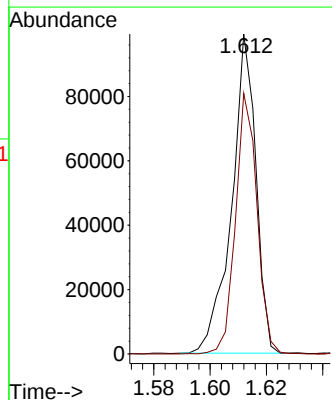
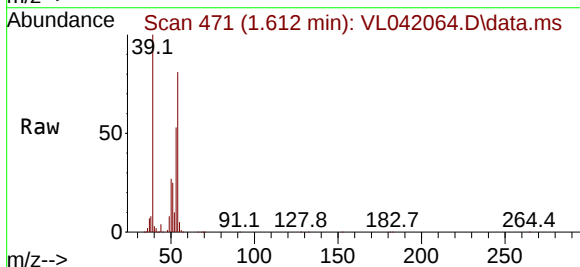
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

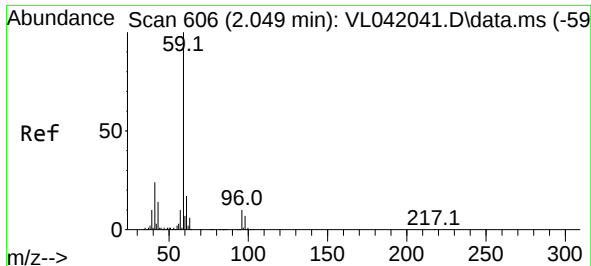
Tgt Ion: 43 Resp: 117289
Ion Ratio Lower Upper
43 100
58 25.7 20.7 31.1



#16
1,3-Butadiene
Concen: 9.966 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.004 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

Tgt Ion: 39 Resp: 59439
Ion Ratio Lower Upper
39 100
54 72.3 59.6 89.4





#17

tert-Butyl alcohol

Concen: 8.840 ppbv

RT: 2.046 min Scan# 606

Delta R.T. -0.004 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

Instrument :

MSVOA_L

ClientSampleId :

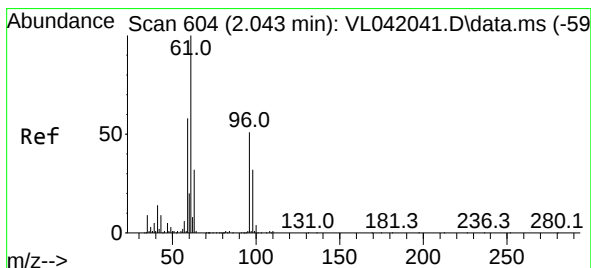
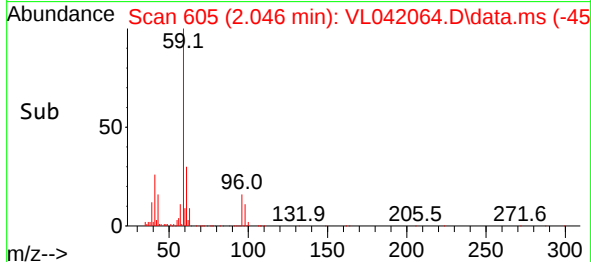
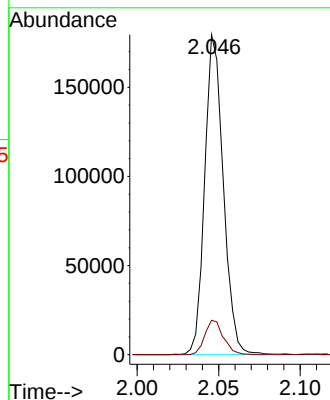
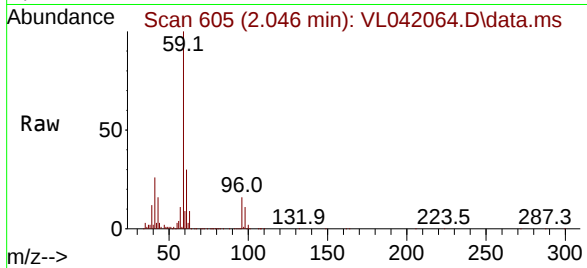
VSTDCCC010EC

Tgt Ion: 59 Resp: 141752

Ion Ratio Lower Upper

59 100

57 10.8 9.3 13.9



#18

1,1-Dichloroethene

Concen: 9.158 ppbv

RT: 2.039 min Scan# 603

Delta R.T. -0.004 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

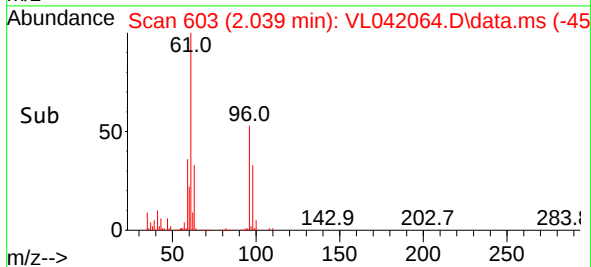
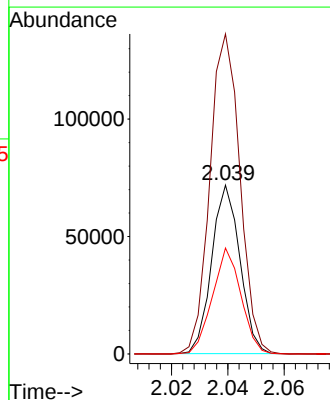
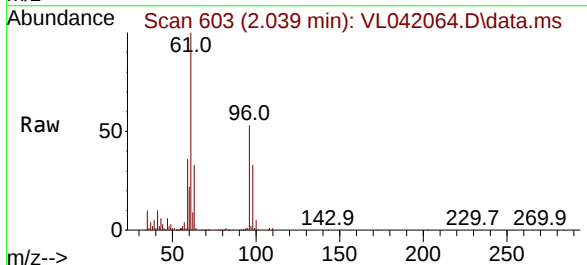
Tgt Ion: 96 Resp: 49911

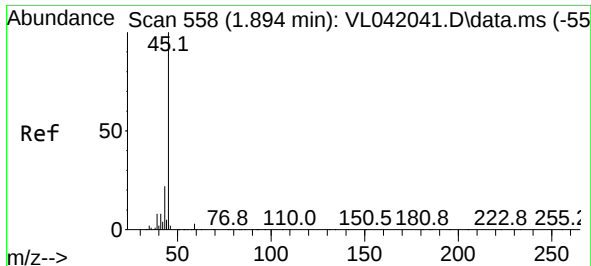
Ion Ratio Lower Upper

96 100

61 189.6 156.0 234.0

98 62.8 49.4 74.2

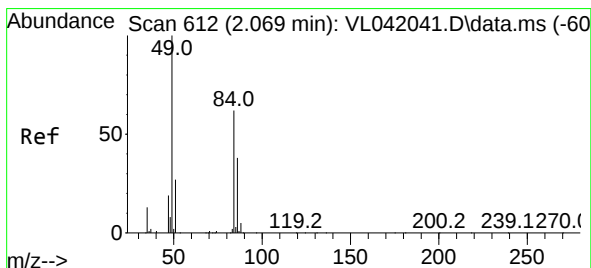
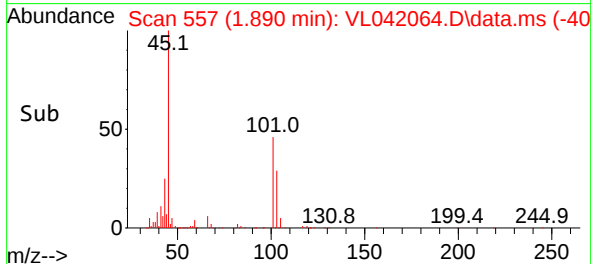
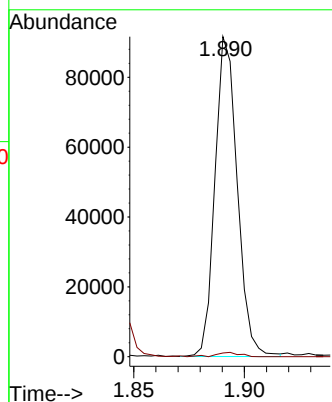
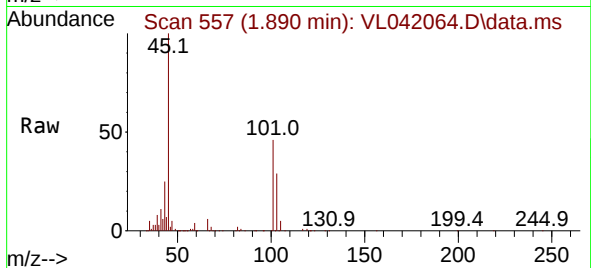




#19
Isopropyl Alcohol
Concen: 8.701 ppbv
RT: 1.890 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

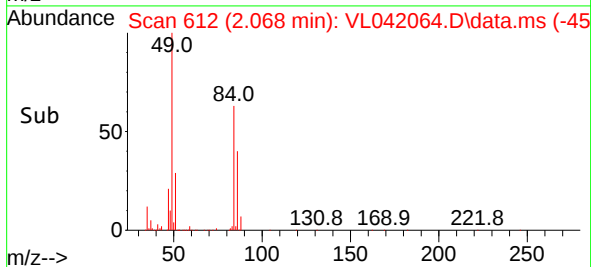
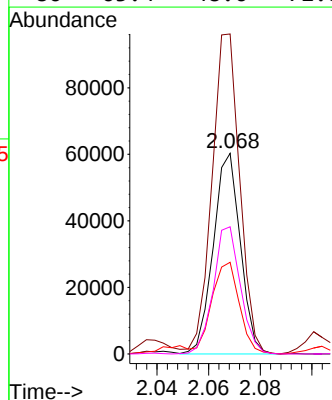
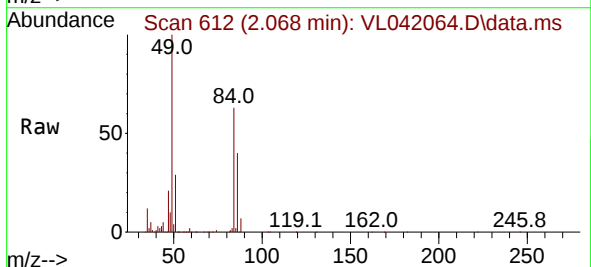
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

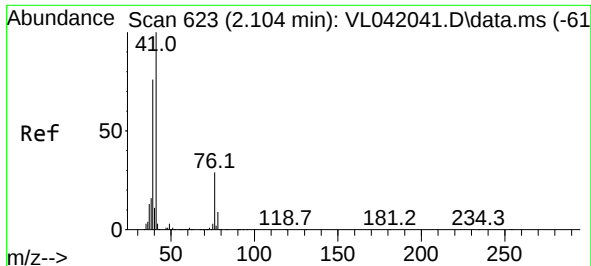
Tgt Ion: 45 Resp: 64058
Ion Ratio Lower Upper
45 100
58 46.9 35.3 52.9



#20
Methylene Chloride
Concen: 9.047 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.000 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

Tgt Ion: 84 Resp: 43857
Ion Ratio Lower Upper
84 100
49 159.4 130.0 195.0
51 45.7 37.4 56.0
86 63.4 48.6 72.8

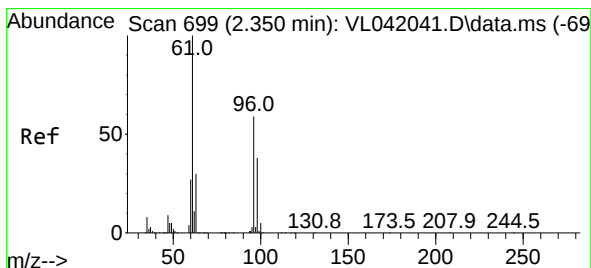
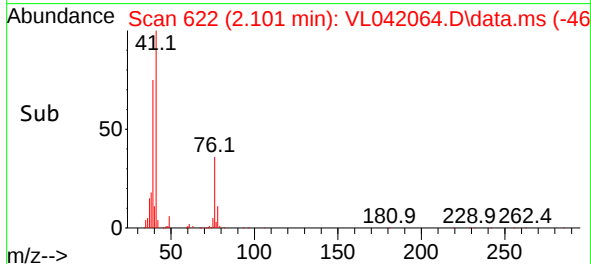
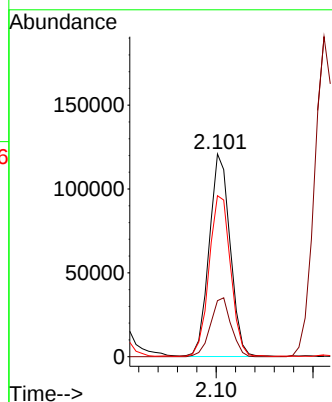
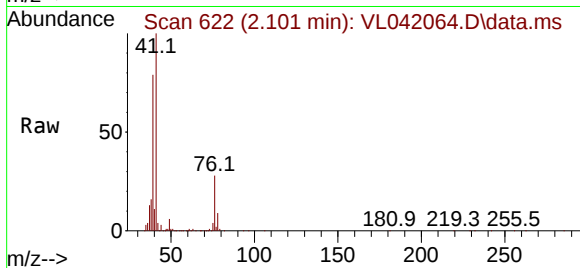




#21
 Allyl Chloride
 Concen: 9.832 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: VL042064.D
 Acq: 26 Feb 2025 16:29

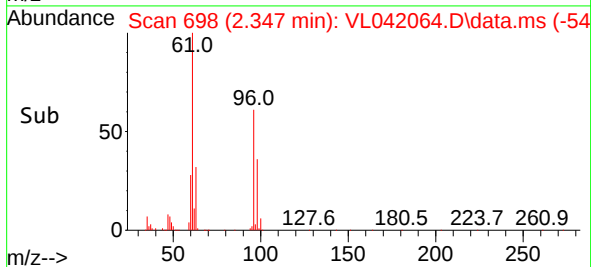
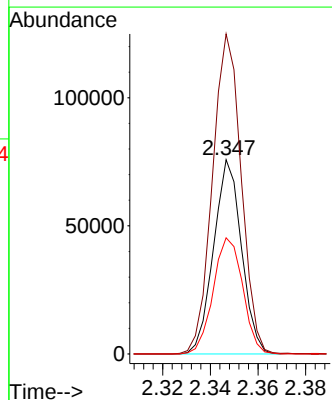
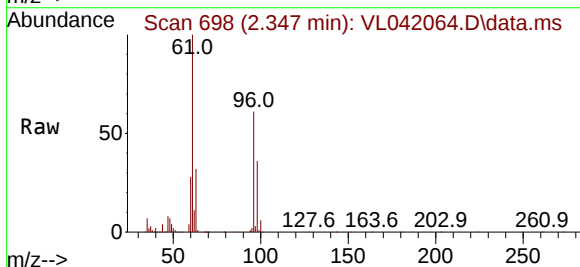
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

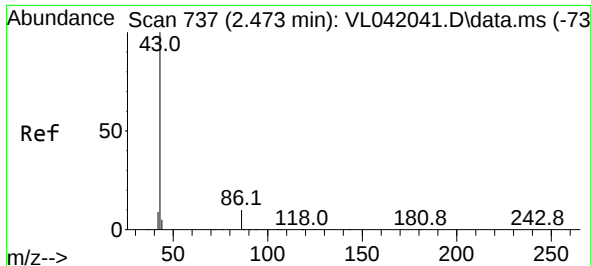
Tgt Ion: 41 Resp: 91044
 Ion Ratio Lower Upper
 41 100
 76 28.5 23.8 35.6
 39 81.2 63.8 95.6



#22
 trans-1,2-Dichloroethene
 Concen: 9.701 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. -0.004 min
 Lab File: VL042064.D
 Acq: 26 Feb 2025 16:29

Tgt Ion: 96 Resp: 61633
 Ion Ratio Lower Upper
 96 100
 61 164.3 136.6 205.0
 98 59.8 51.8 77.6

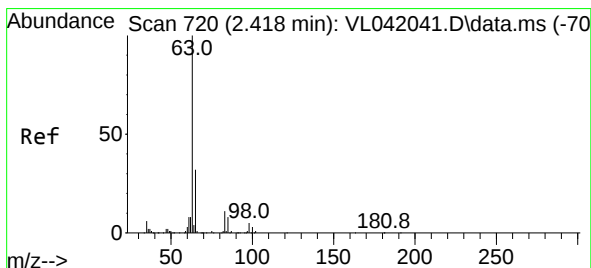
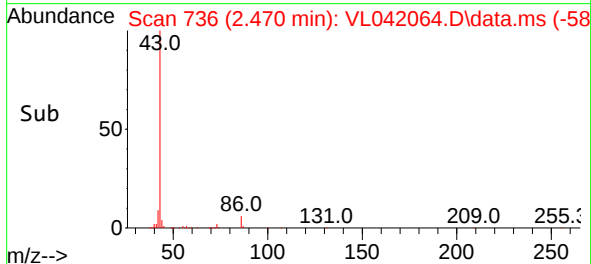
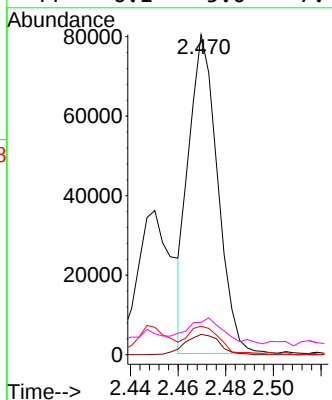
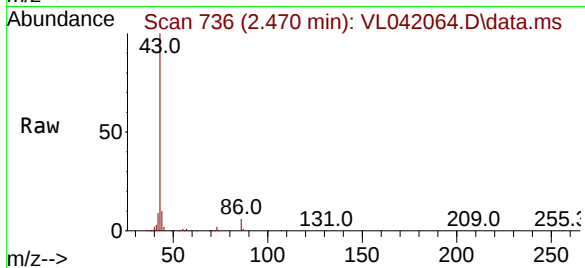




#23
 Vinyl Acetate
 Concen: 7.461 ppbv
 RT: 2.470 min Scan# 719
 Delta R.T. -0.004 min
 Lab File: VL042064.D
 Acq: 26 Feb 2025 16:29

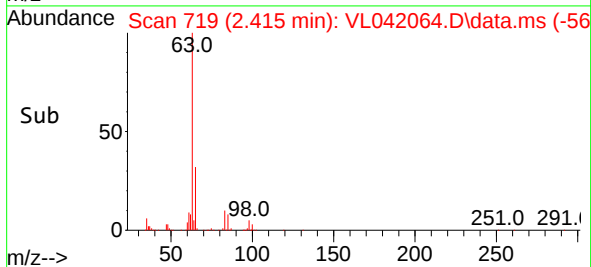
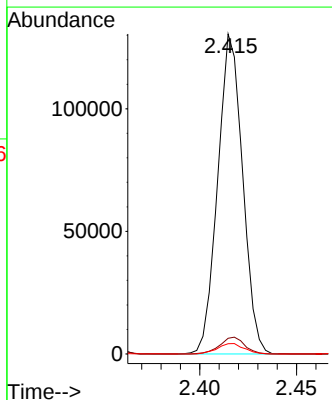
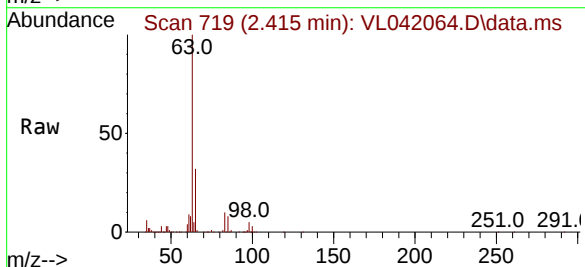
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

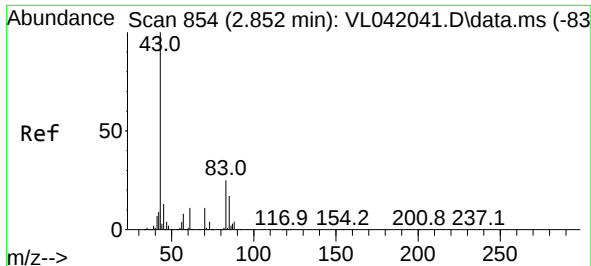
Tgt Ion:	43	Resp:	67233
Ion	Ratio	Lower	Upper
43	100		
86	6.4	7.0	10.4#
42	8.6	7.6	11.4
44	6.1	5.0	7.4



#24
 1,1-Dichloroethane
 Concen: 9.875 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.004 min
 Lab File: VL042064.D
 Acq: 26 Feb 2025 16:29

Tgt Ion:	63	Resp:	116741
Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.4	7.2
100	3.2	1.7	5.0

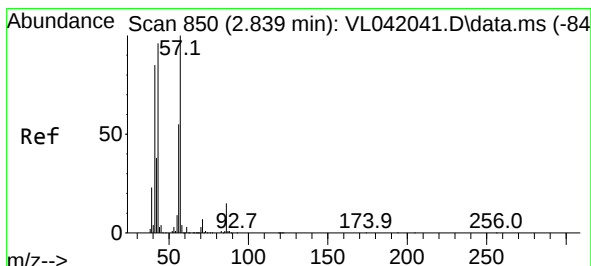
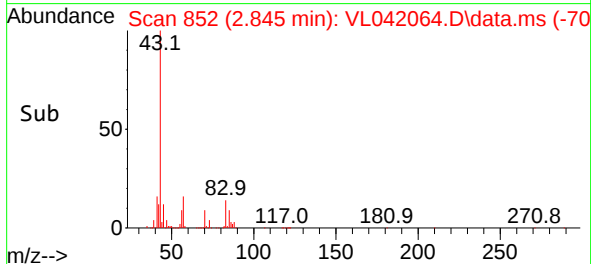
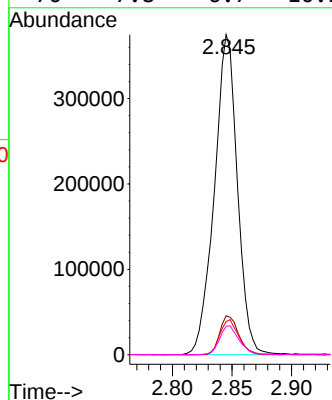
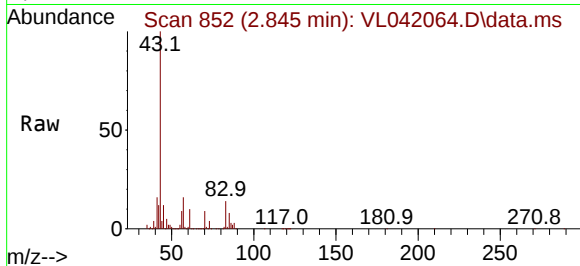




#25
Ethyl Acetate
Concen: 9.826 ppbv
RT: 2.845 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

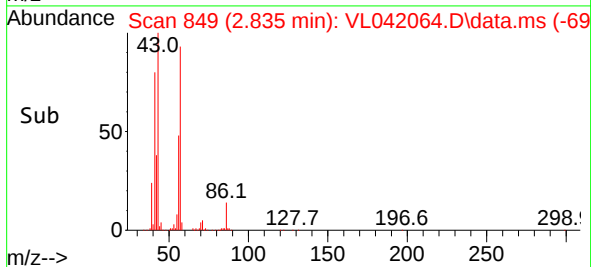
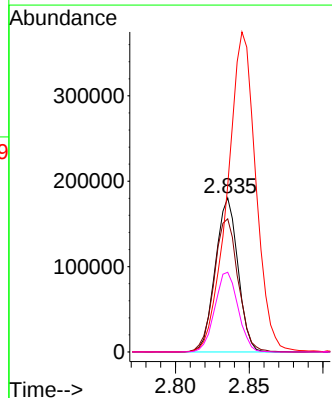
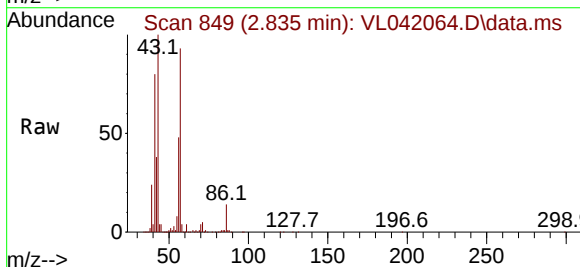
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 504056
Ion Ratio Lower Upper
43 100
45 10.0 8.1 12.1
61 8.9 7.2 10.8
70 7.8 6.7 10.1



#26
Hexane
Concen: 9.257 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

Tgt Ion: 57 Resp: 191992
Ion Ratio Lower Upper
57 100
41 92.8 70.6 106.0
43 263.6 199.4 299.0
56 53.4 42.6 64.0

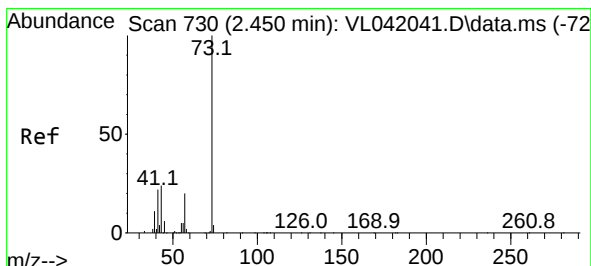
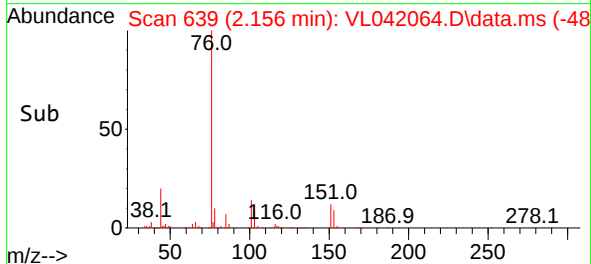
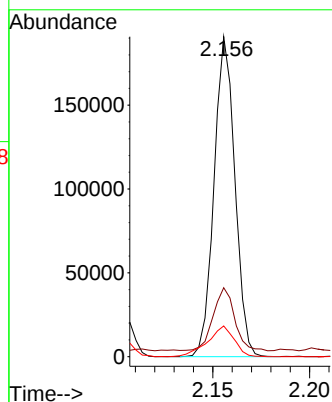
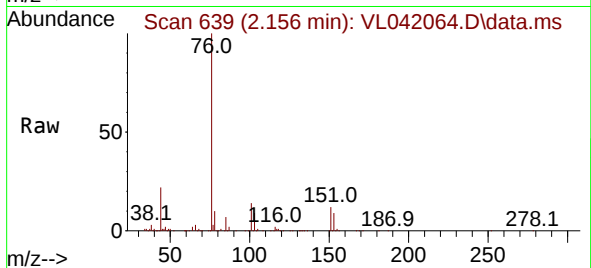




#27
Carbon Disulfide
Concen: 10.165 ppbv
RT: 2.156 min Scan# 61
Delta R.T. -0.004 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

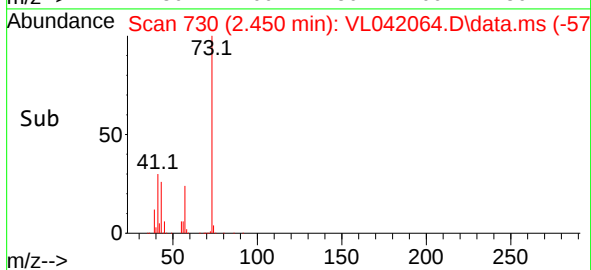
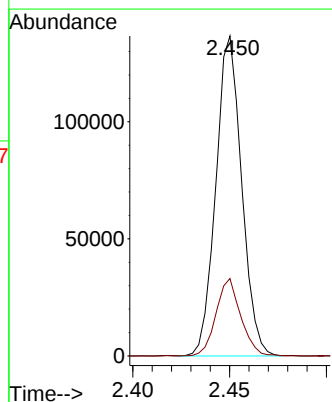
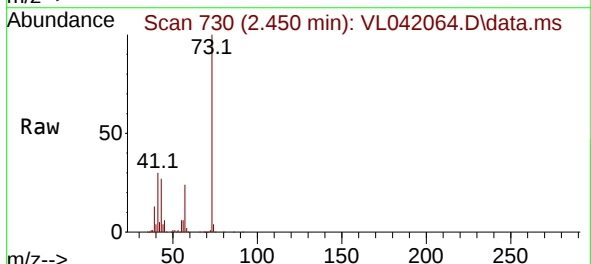
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

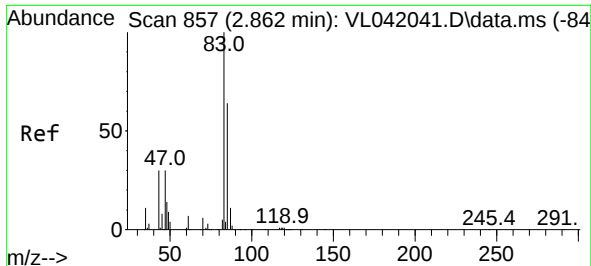
Tgt Ion: 76 Resp: 142910
Ion Ratio Lower Upper
76 100
44 20.1 16.2 24.2
78 12.2 9.4 14.0



#28
Methyl tert-Butyl Ether
Concen: 12.252 ppbv
RT: 2.450 min Scan# 730
Delta R.T. -0.000 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

Tgt Ion: 73 Resp: 126508
Ion Ratio Lower Upper
73 100
57 23.3 17.7 26.5





#29

Chloroform

Concen: 9.378 ppbv

RT: 2.858 min Scan# 81

Delta R.T. -0.004 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

Instrument :

MSVOA_L

ClientSampleId :

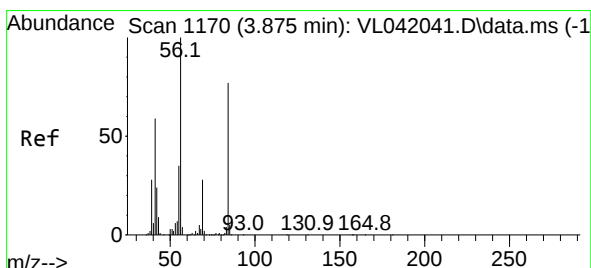
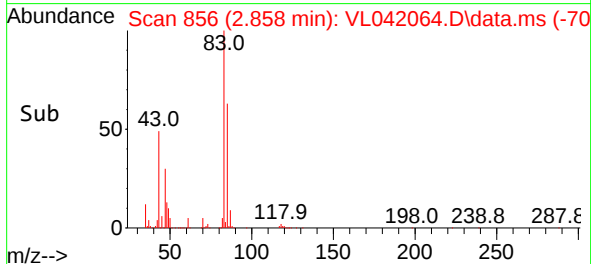
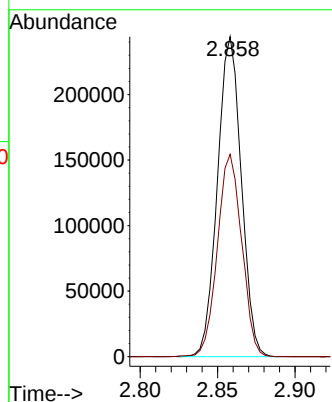
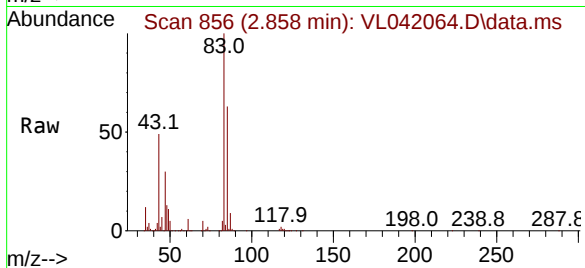
VSTDCCC010EC

Tgt Ion: 83 Resp: 261772

Ion Ratio Lower Upper

83 100

85 63.2 51.2 76.8



#30

Cyclohexane

Concen: 8.855 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. -0.004 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

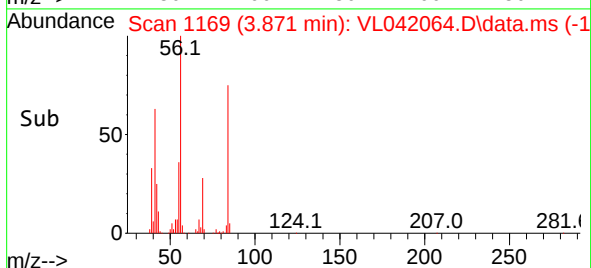
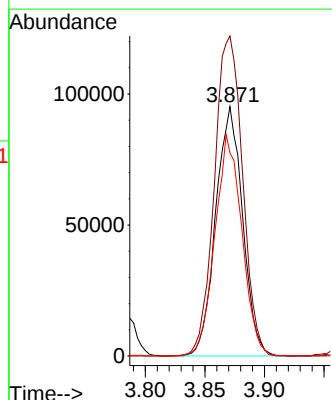
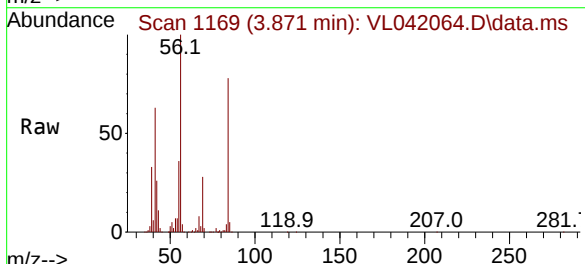
Tgt Ion: 84 Resp: 149052

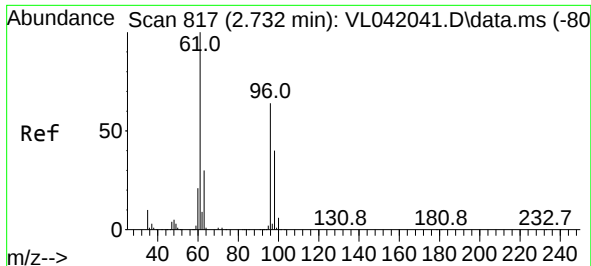
Ion Ratio Lower Upper

84 100

56 135.0 101.5 152.3

41 88.9 62.6 93.8

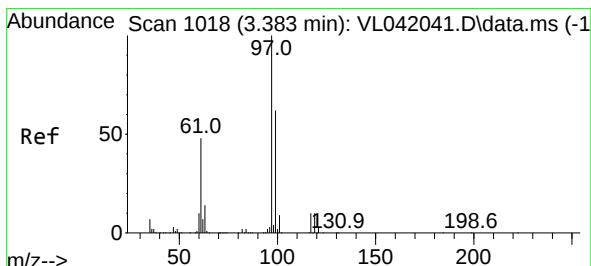
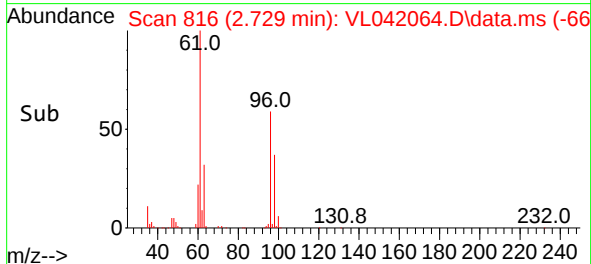
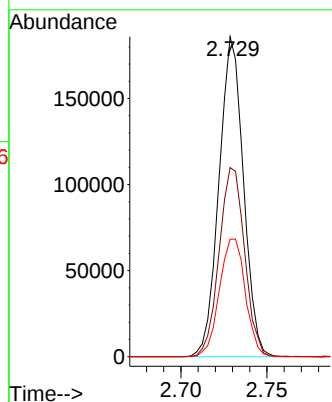
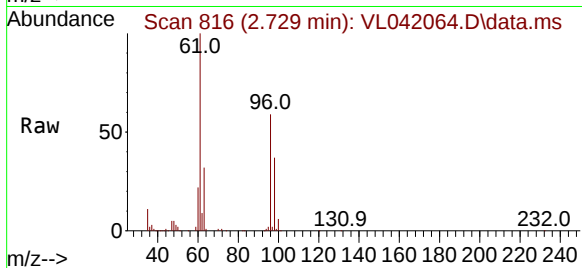




#31
 cis-1,2-Dichloroethene
 Concen: 9.344 ppbv
 RT: 2.729 min Scan# 817
 Delta R.T. -0.004 min
 Lab File: VL042064.D
 Acq: 26 Feb 2025 16:29

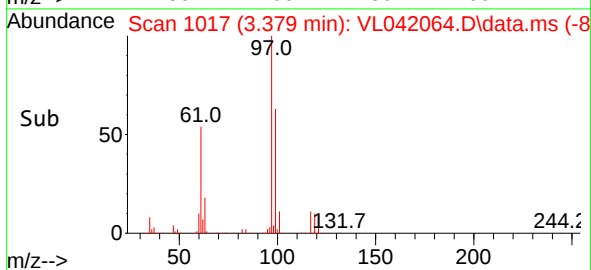
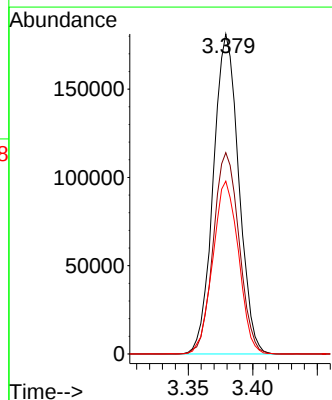
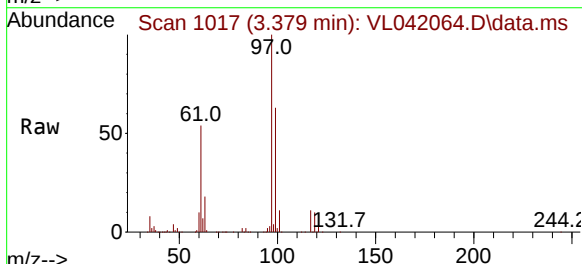
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

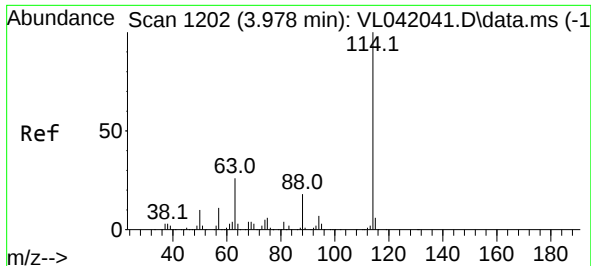
Tgt Ion: 61 Resp: 183442
 Ion Ratio Lower Upper
 61 100
 96 59.1 51.5 77.3
 98 36.7 32.0 48.0



#32
 1,1,1-Trichloroethane
 Concen: 9.162 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. -0.004 min
 Lab File: VL042064.D
 Acq: 26 Feb 2025 16:29

Tgt Ion: 97 Resp: 248076
 Ion Ratio Lower Upper
 97 100
 99 63.9 49.8 74.6
 61 54.7 38.9 58.3

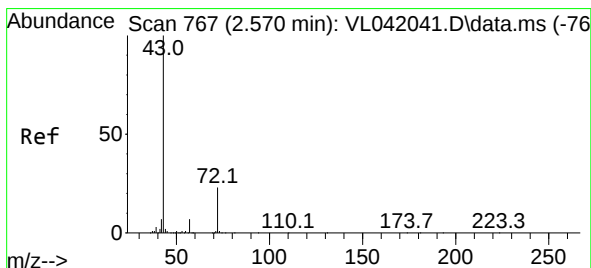
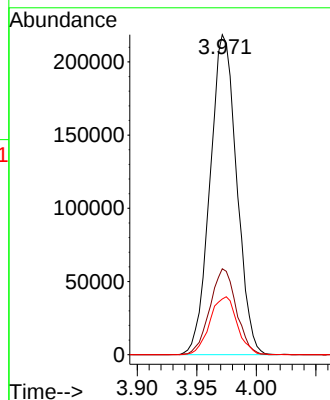
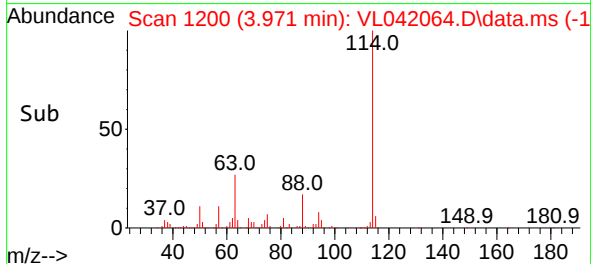
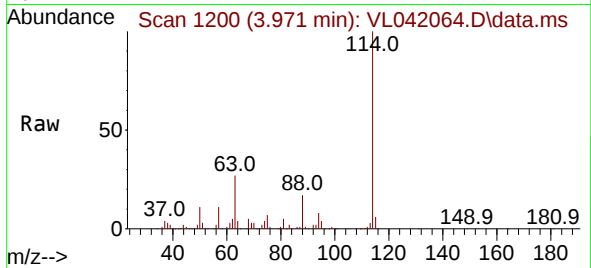




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.971 min Scan# 11
 Delta R.T. -0.007 min
 Lab File: VL042064.D
 Acq: 26 Feb 2025 16:29

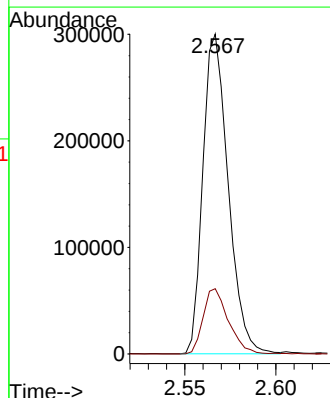
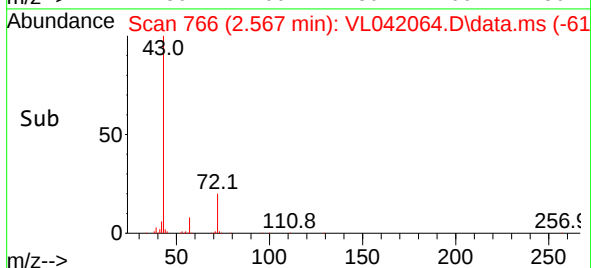
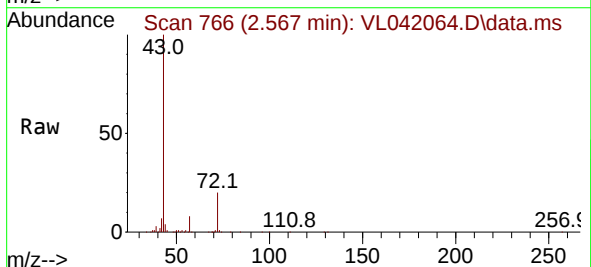
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

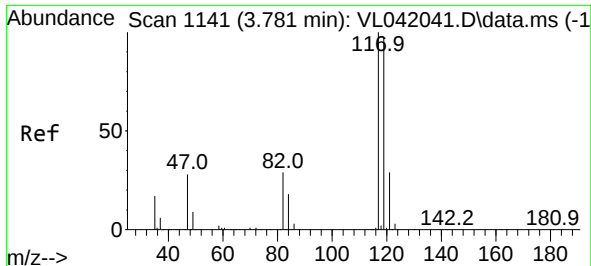
Tgt Ion:114 Resp: 339812
 Ion Ratio Lower Upper
 114 100
 63 26.6 20.1 30.1
 88 18.5 14.3 21.5



#34
 2-Butanone
 Concen: 10.963 ppbv
 RT: 2.567 min Scan# 766
 Delta R.T. -0.004 min
 Lab File: VL042064.D
 Acq: 26 Feb 2025 16:29

Tgt Ion: 43 Resp: 290227
 Ion Ratio Lower Upper
 43 100
 72 20.6 18.5 27.7

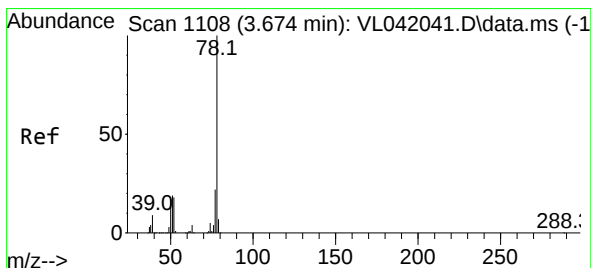
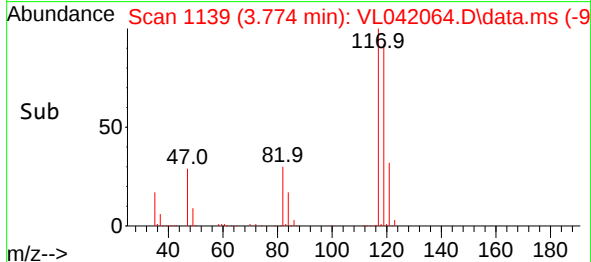
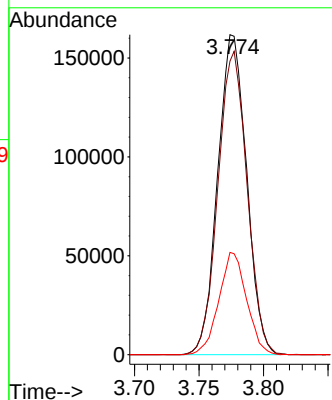
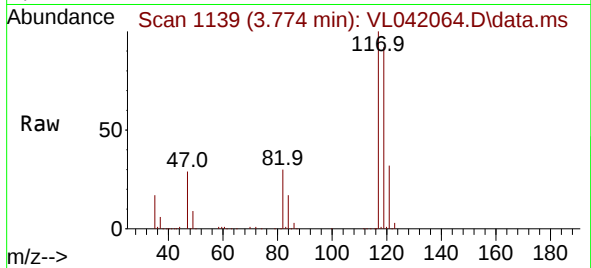




#35
Carbon Tetrachloride
Concen: 10.747 ppbv
RT: 3.774 min Scan# 1139
Delta R.T. -0.007 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

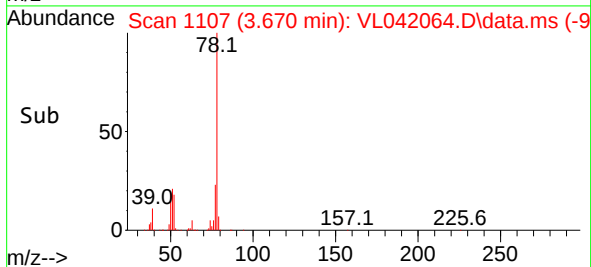
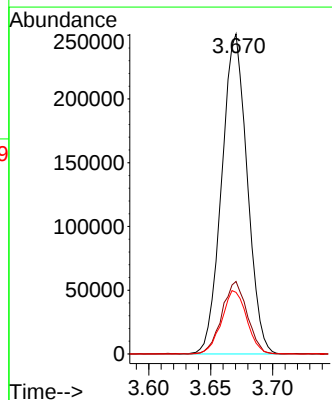
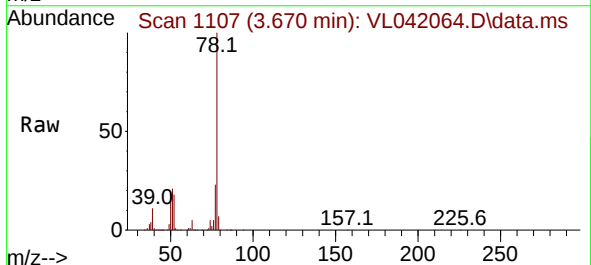
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

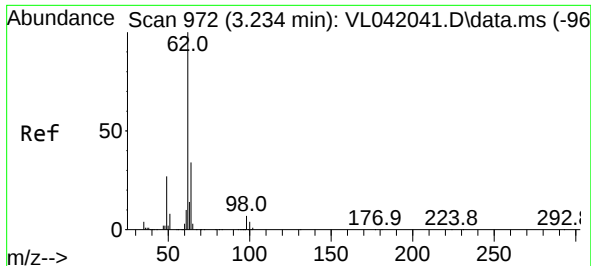
Tgt Ion:117 Resp: 251828
Ion Ratio Lower Upper
117 100
119 91.7 77.8 116.8
121 32.0 23.4 35.0



#36
Benzene
Concen: 10.105 ppbv
RT: 3.670 min Scan# 1107
Delta R.T. -0.004 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

Tgt Ion: 78 Resp: 359459
Ion Ratio Lower Upper
78 100
77 22.7 17.7 26.5
50 19.2 13.9 20.9





#37

1,2-Dichloroethane

Concen: 10.859 ppbv

RT: 3.227 min Scan# 91

Delta R.T. -0.007 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

Instrument :

MSVOA_L

ClientSampleId :

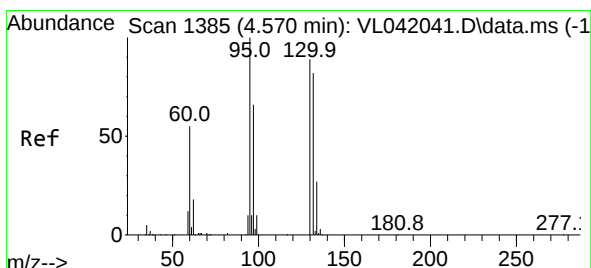
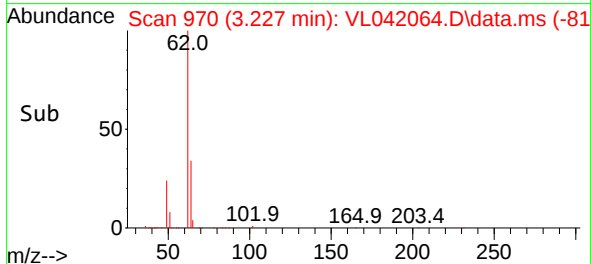
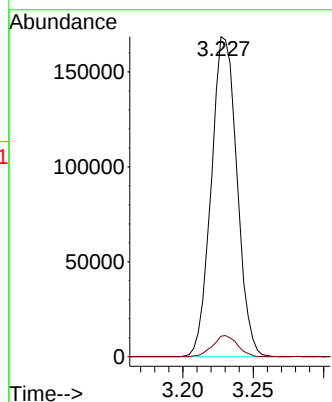
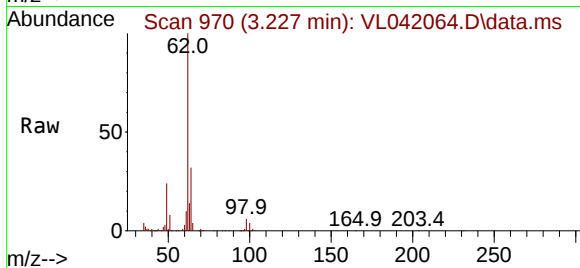
VSTDCCC010EC

Tgt Ion: 62 Resp: 214176

Ion Ratio Lower Upper

62 100

98 6.3 5.7 8.5



#38

Trichloroethene

Concen: 9.466 ppbv

RT: 4.564 min Scan# 1383

Delta R.T. -0.007 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

Tgt Ion:130 Resp: 137505

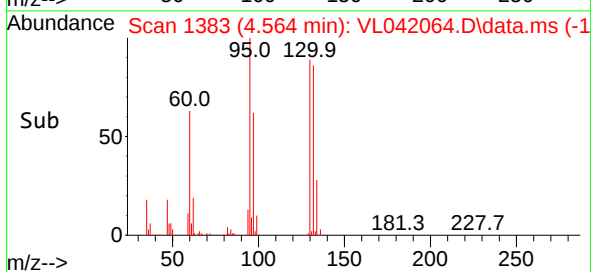
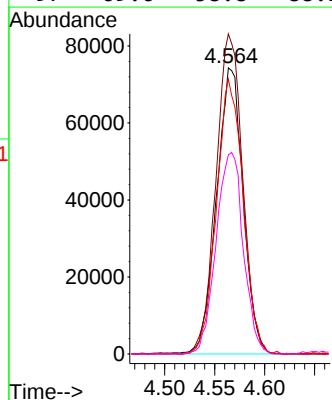
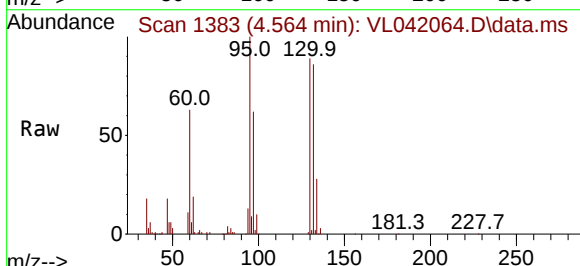
Ion Ratio Lower Upper

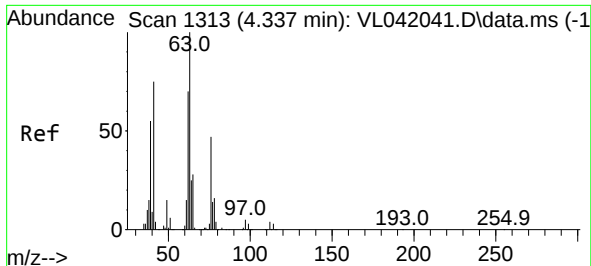
130 100

95 111.9 89.5 134.3

132 96.0 73.8 110.6

97 69.6 58.8 88.2





#39

1,2-Dichloropropane

Concen: 10.222 ppbv

RT: 4.331 min Scan# 1313

Delta R.T. -0.007 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

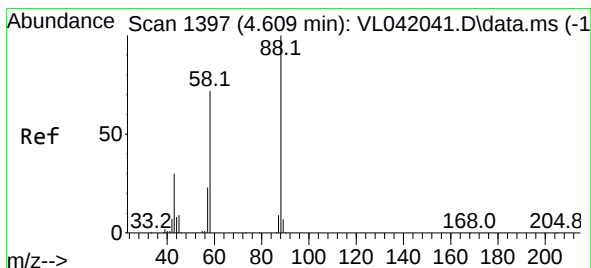
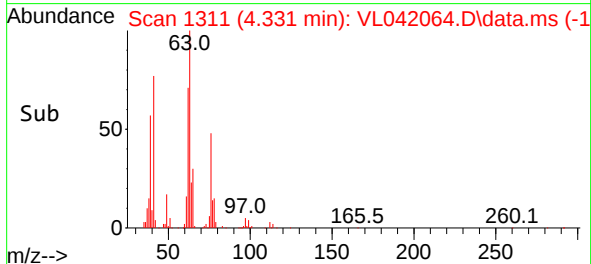
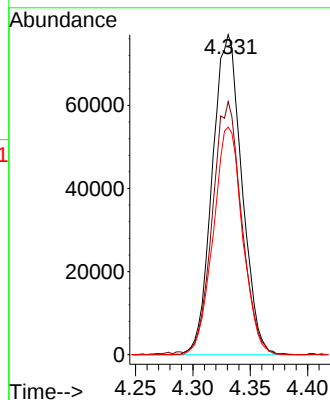
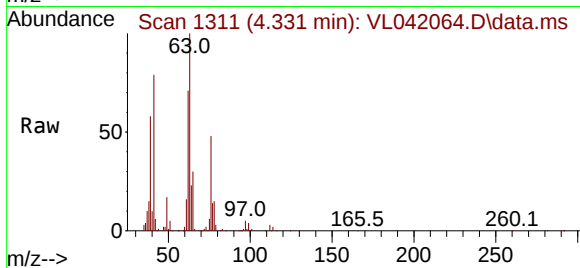
Tgt Ion: 63 Resp: 138024

Ion Ratio Lower Upper

63 100

41 78.8 60.1 90.1

62 71.0 55.8 83.8



#40

1,4-Dioxane

Concen: 5.511 ppbv

RT: 4.606 min Scan# 1396

Delta R.T. -0.004 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

Tgt Ion: 88 Resp: 33967

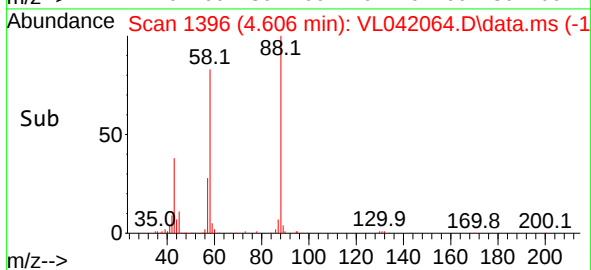
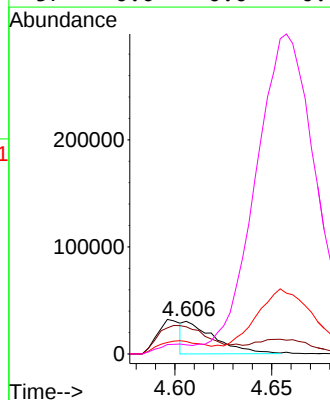
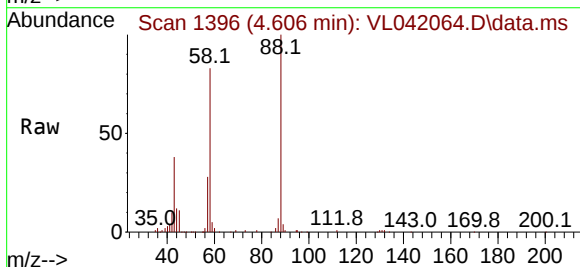
Ion Ratio Lower Upper

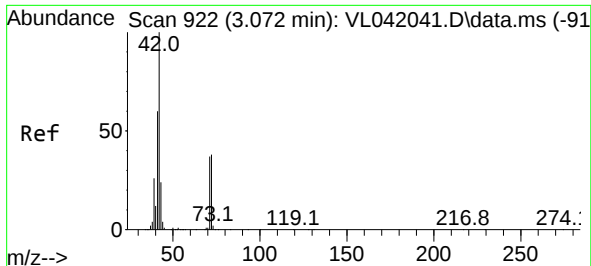
88 100

58 151.8 62.6 94.0#

43 66.9 0.0 0.0#

57 0.0 0.0 0.0

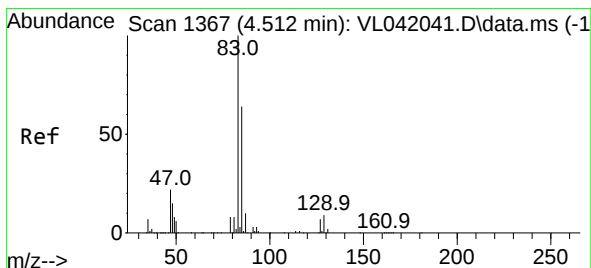
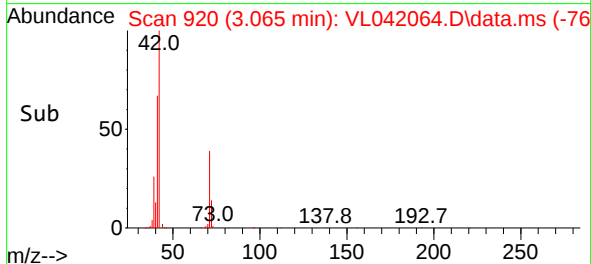
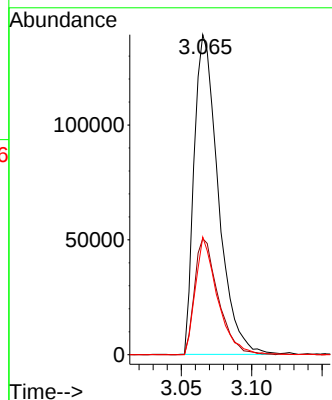
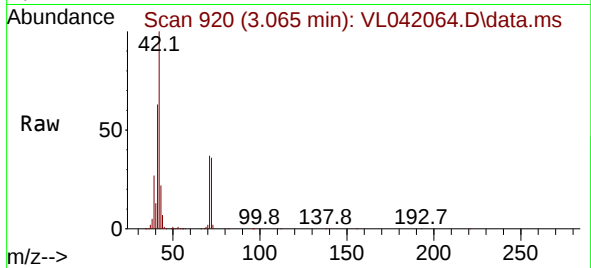




#41
Tetrahydrofuran
Concen: 10.594 ppbv
RT: 3.065 min Scan# 91
Delta R.T. -0.007 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

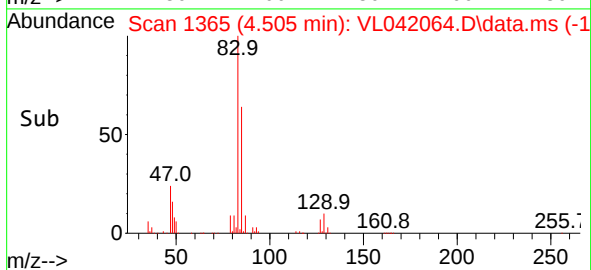
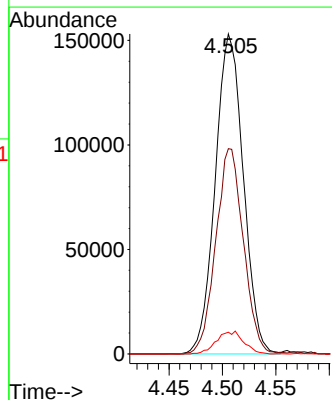
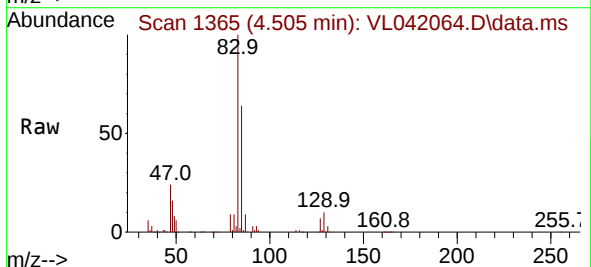
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

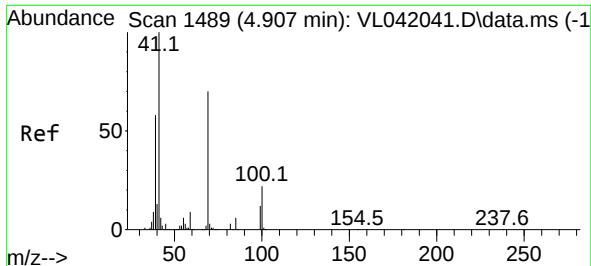
Tgt Ion: 42 Resp: 165714
Ion Ratio Lower Upper
42 100
72 35.7 30.2 45.2
71 33.8 28.2 42.4



#42
Bromodichloromethane
Concen: 10.531 ppbv
RT: 4.505 min Scan# 1365
Delta R.T. -0.007 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

Tgt Ion: 83 Resp: 279856
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.2
127 6.8 5.8 8.6





#43

Methyl Methacrylate

Concen: 10.382 ppbv

RT: 4.900 min Scan# 1489

Delta R.T. -0.007 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

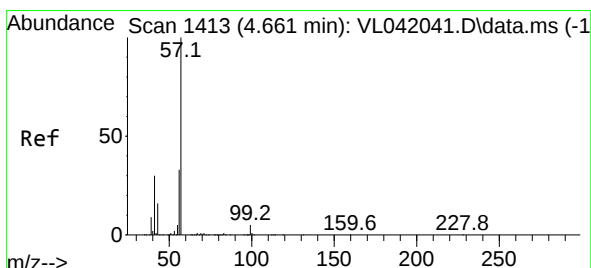
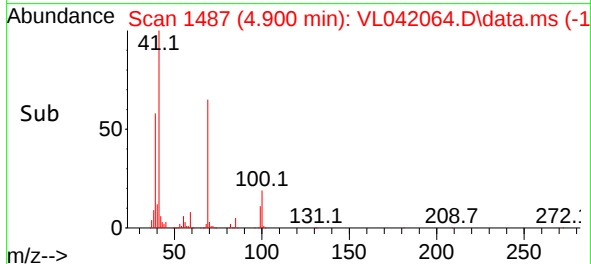
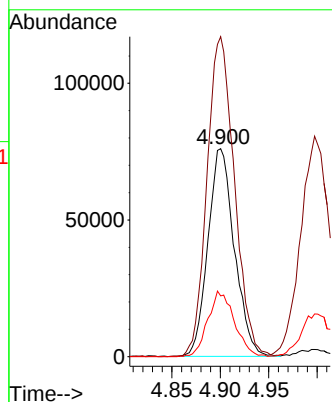
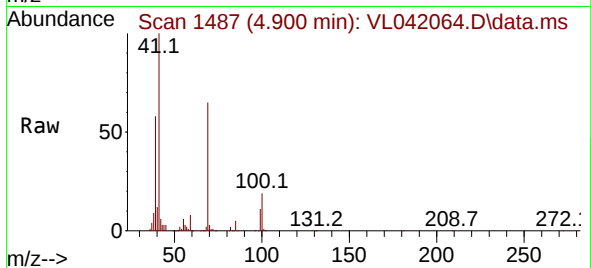
Tgt Ion: 69 Resp: 144235

Ion Ratio Lower Upper

69 100

41 159.9 118.2 177.4

100 31.7 27.0 40.4



#44

2,2,4-Trimethylpentane

Concen: 10.352 ppbv

RT: 4.658 min Scan# 1412

Delta R.T. -0.004 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

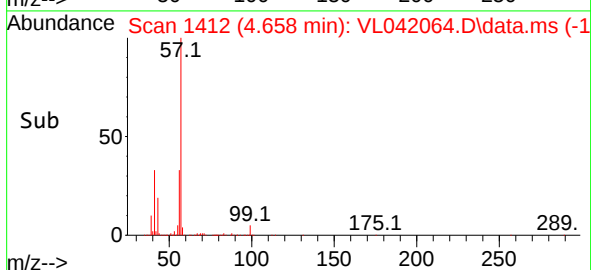
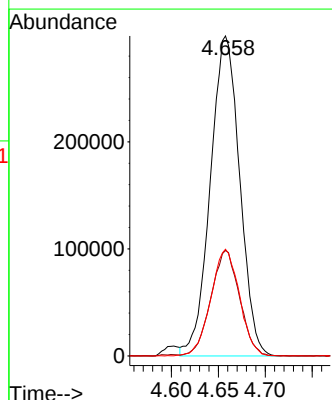
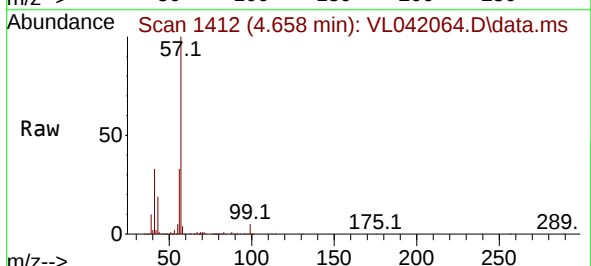
Tgt Ion: 57 Resp: 649945

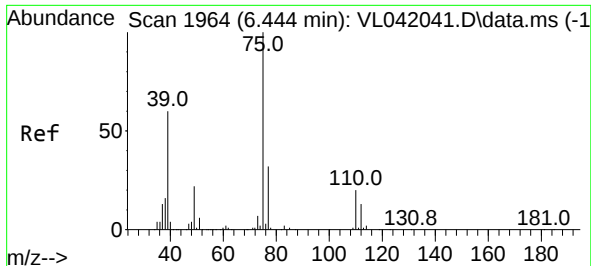
Ion Ratio Lower Upper

57 100

41 32.6 24.4 36.6

56 32.6 26.5 39.7

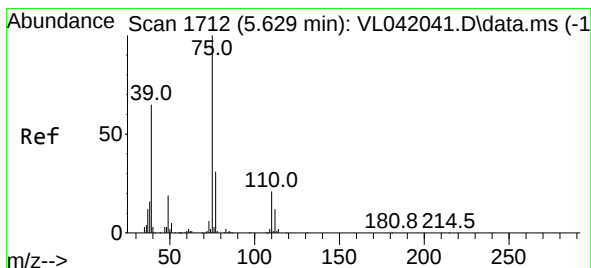
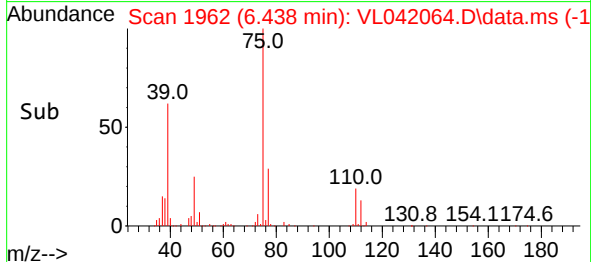
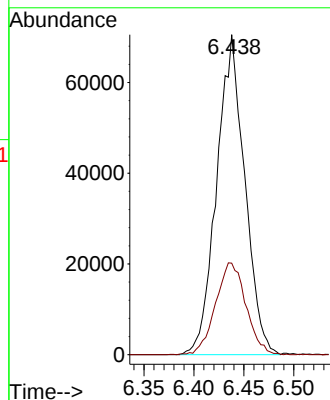
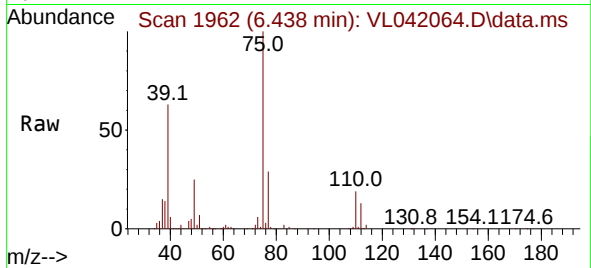




#45
 t-1,3-Dichloropropene
 Concen: 9.989 ppbv
 RT: 6.438 min Scan# 1962
 Delta R.T. -0.007 min
 Lab File: VL042064.D
 Acq: 26 Feb 2025 16:29

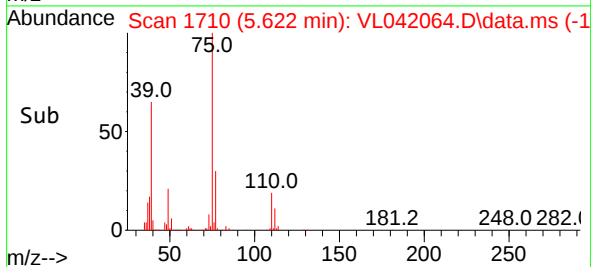
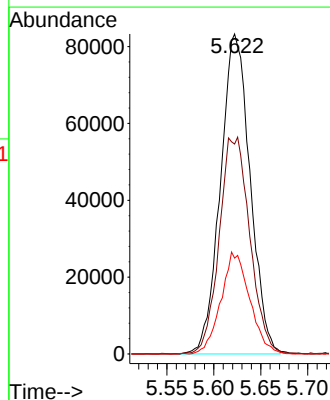
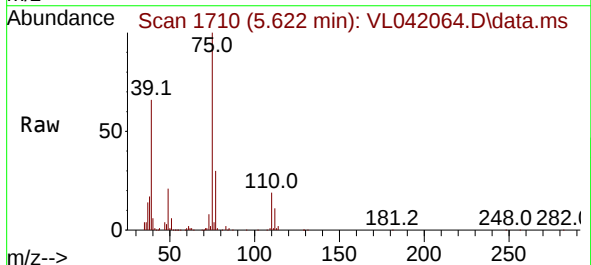
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

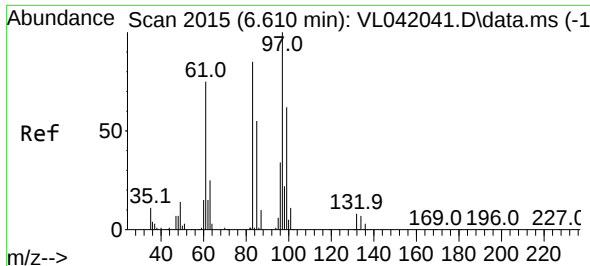
Tgt Ion: 75 Resp: 137874
 Ion Ratio Lower Upper
 75 100
 77 28.6 25.9 38.9



#46
 cis-1,3-Dichloropropene
 Concen: 10.240 ppbv
 RT: 5.622 min Scan# 1710
 Delta R.T. -0.007 min
 Lab File: VL042064.D
 Acq: 26 Feb 2025 16:29

Tgt Ion: 75 Resp: 182891
 Ion Ratio Lower Upper
 75 100
 39 65.6 51.9 77.9
 77 29.9 24.9 37.3

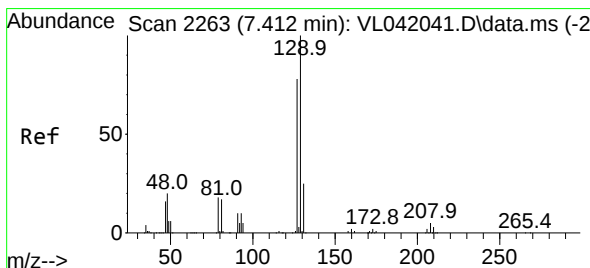
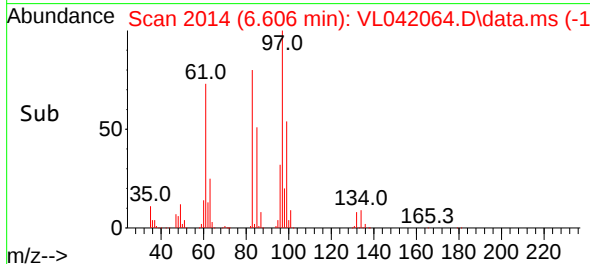
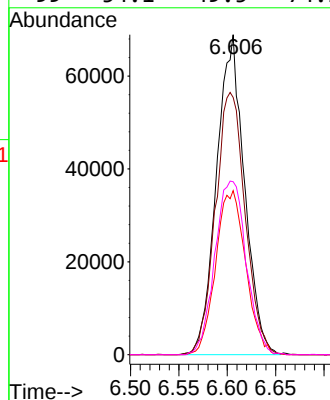
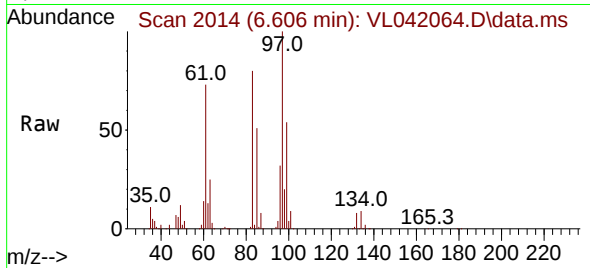




#47
1,1,2-Trichloroethane
Concen: 10.065 ppbv
RT: 6.606 min Scan# 2015
Delta R.T. -0.003 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

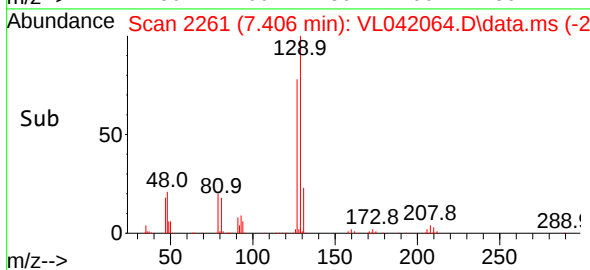
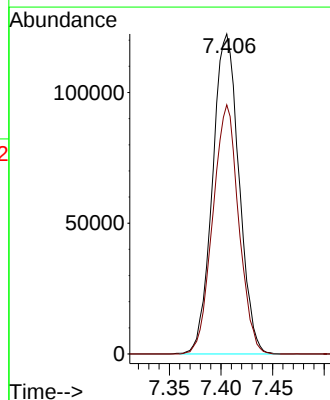
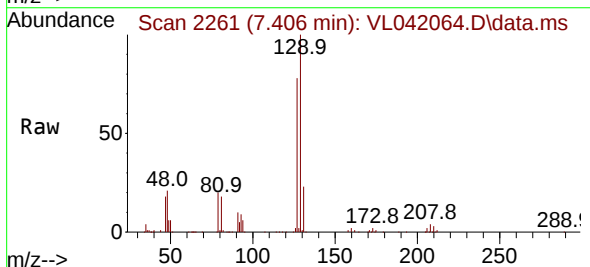
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

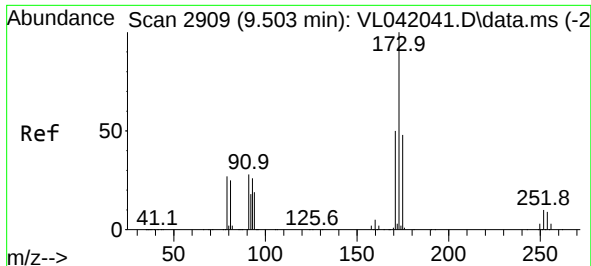
Tgt Ion: 97 Resp: 137964
Ion Ratio Lower Upper
97 100
83 80.3 68.1 102.1
85 51.2 44.0 66.0
99 54.1 49.5 74.3



#48
Dibromochloromethane
Concen: 10.157 ppbv
RT: 7.406 min Scan# 2261
Delta R.T. -0.007 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

Tgt Ion: 129 Resp: 218061
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.8

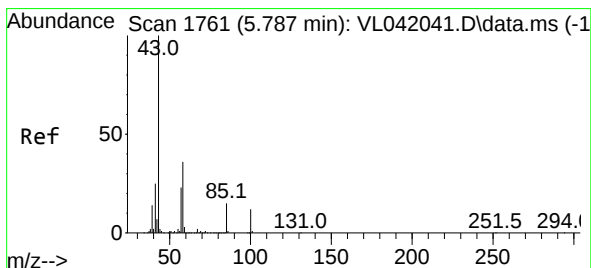
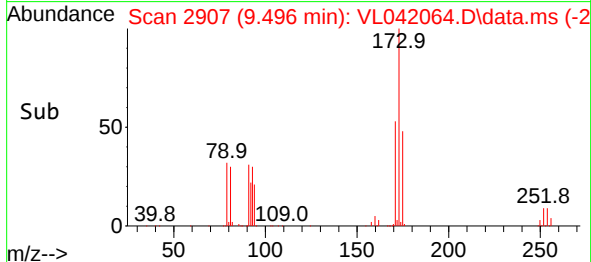
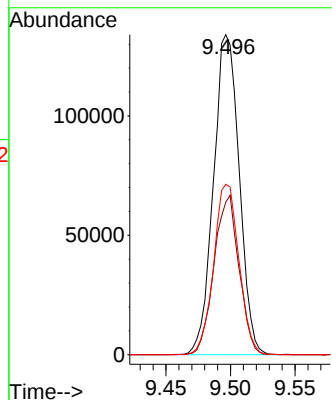
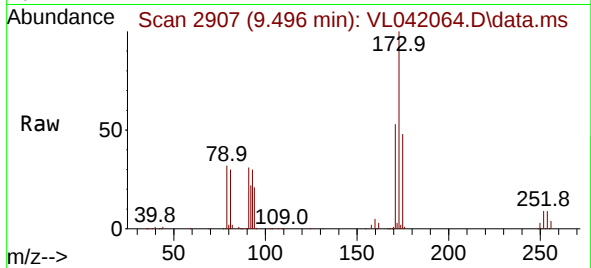




#49
Bromoform
Concen: 9.964 ppbv
RT: 9.496 min Scan# 2909
Delta R.T. -0.007 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

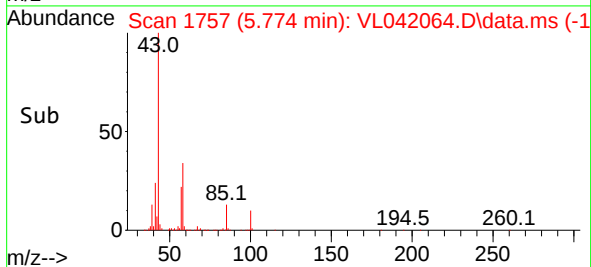
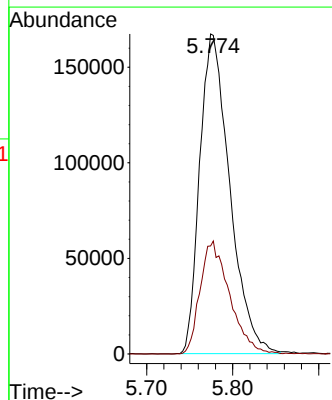
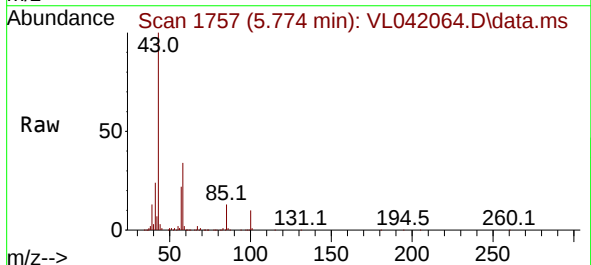
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

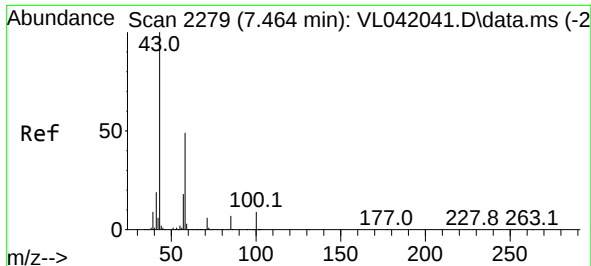
Tgt Ion:173 Resp: 185761
Ion Ratio Lower Upper
173 100
175 48.2 38.3 57.5
171 52.4 40.2 60.2



#50
4-Methyl-2-Pentanone
Concen: 11.837 ppbv
RT: 5.774 min Scan# 1757
Delta R.T. -0.013 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

Tgt Ion: 43 Resp: 405288
Ion Ratio Lower Upper
43 100
58 34.8 29.3 43.9

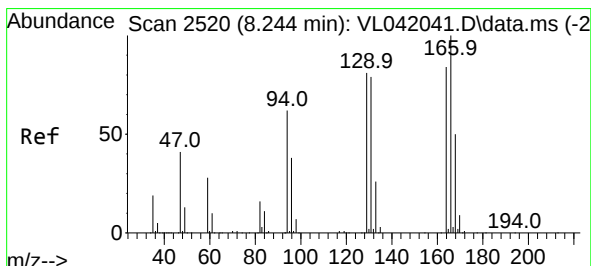
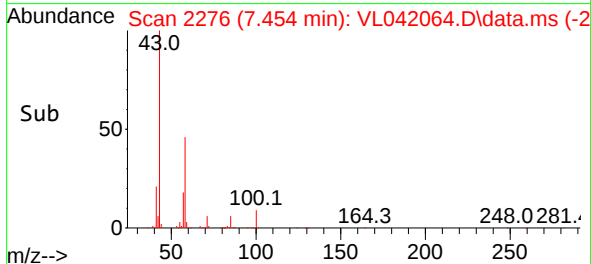
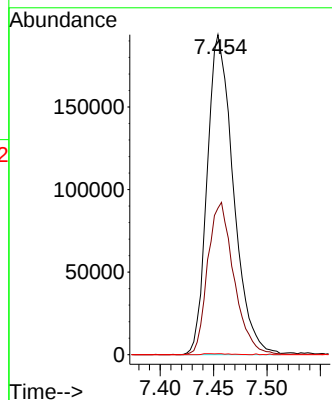
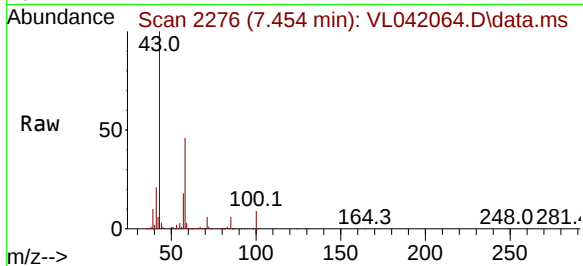




#51
2-Hexanone
Concen: 14.028 ppbv
RT: 7.454 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

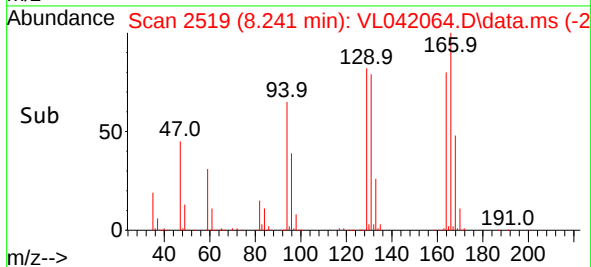
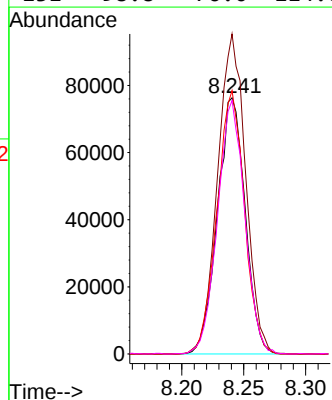
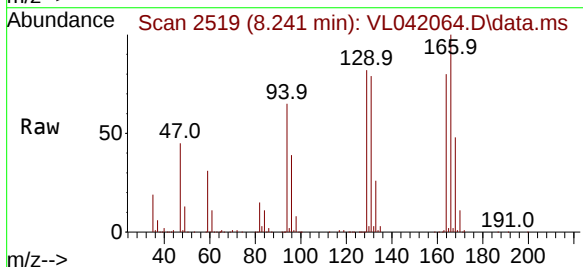
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

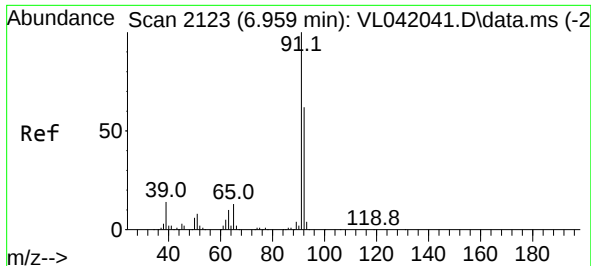
Tgt Ion: 43 Resp: 330554
Ion Ratio Lower Upper
43 100
58 47.8 39.0 58.6
98 0.4 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.775 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. -0.004 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

Tgt Ion: 164 Resp: 119036
Ion Ratio Lower Upper
164 100
166 124.8 95.7 143.5
129 102.8 77.1 115.7
131 98.8 76.0 114.0

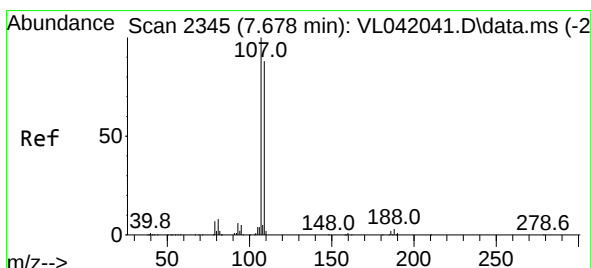
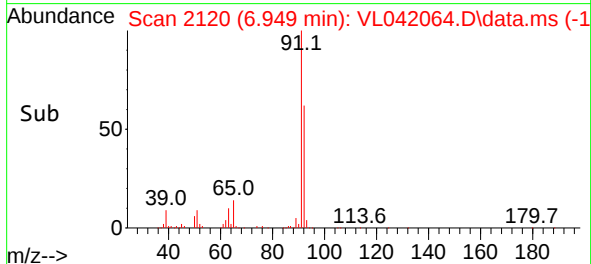
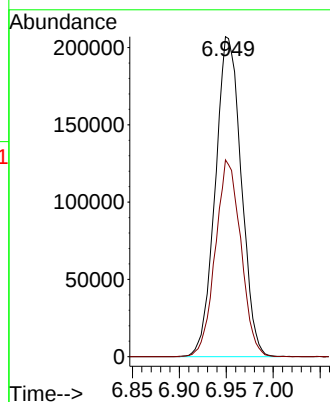
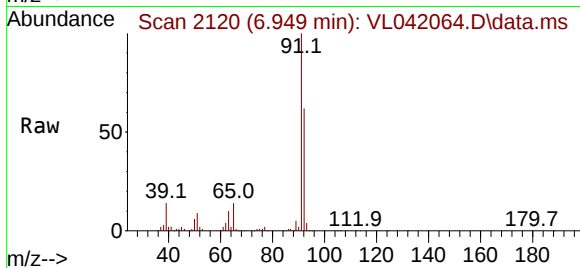




#53
Toluene
Concen: 10.022 ppbv
RT: 6.949 min Scan# 2123
Delta R.T. -0.010 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

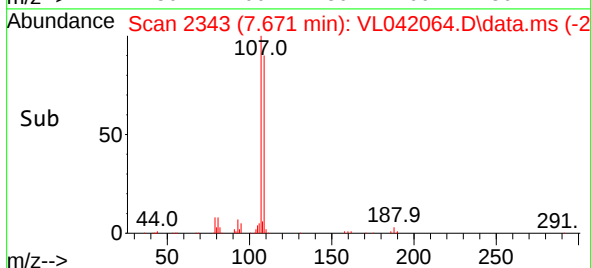
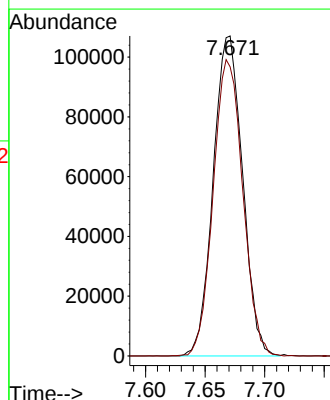
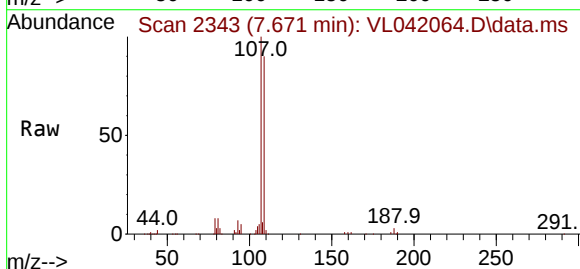
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

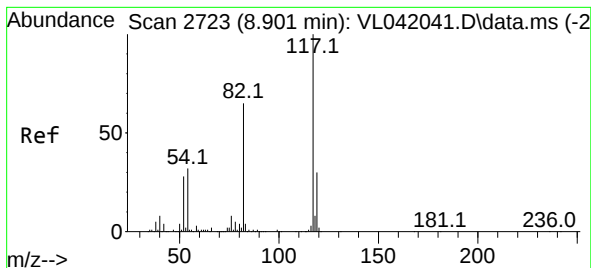
Tgt Ion: 91 Resp: 398443
Ion Ratio Lower Upper
91 100
92 60.3 49.0 73.6



#54
1,2-Dibromoethane
Concen: 9.879 ppbv
RT: 7.671 min Scan# 2343
Delta R.T. -0.007 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

Tgt Ion: 107 Resp: 183074
Ion Ratio Lower Upper
107 100
109 90.2 70.2 105.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.894 min Scan# 21

Delta R.T. -0.007 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

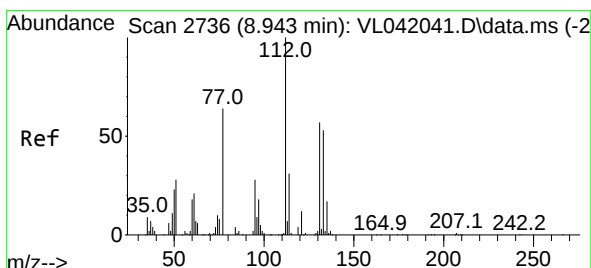
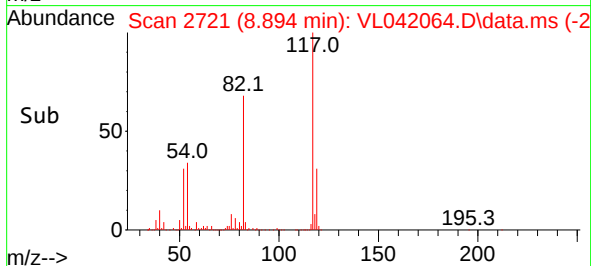
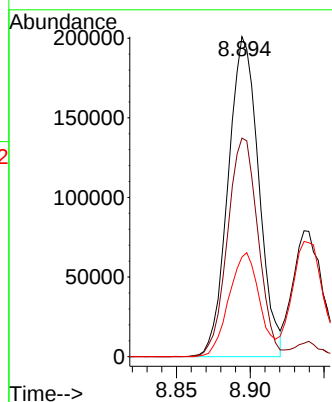
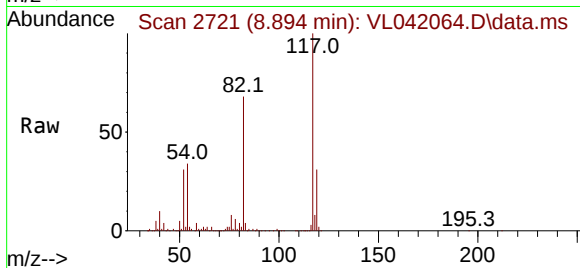
Tgt Ion:117 Resp: 289628

Ion Ratio Lower Upper

117 100

82 69.1 55.0 82.6

119 33.4 25.9 38.9



#56

1,1,1,2-Tetrachloroethane

Concen: 10.314 ppbv

RT: 8.940 min Scan# 2735

Delta R.T. -0.003 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

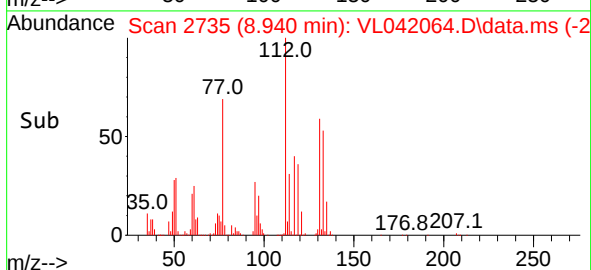
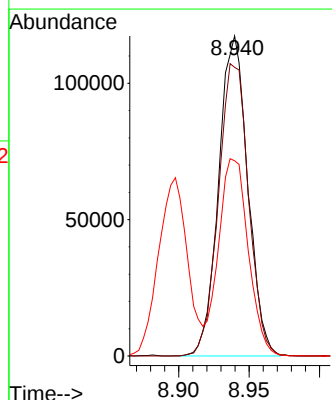
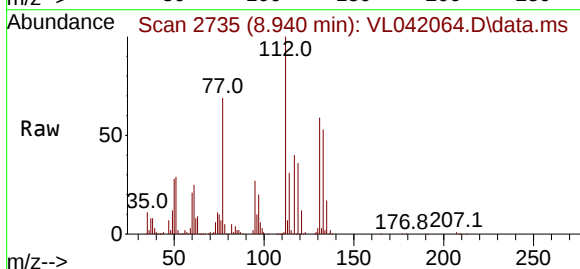
Tgt Ion:131 Resp: 168838

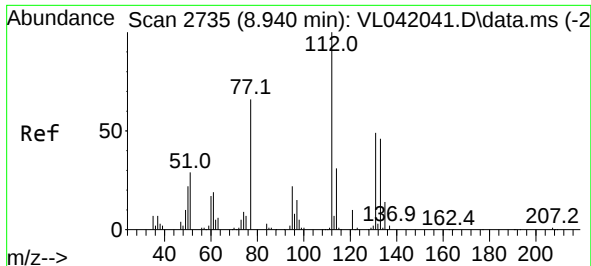
Ion Ratio Lower Upper

131 100

133 94.7 75.8 113.8

119 64.4 52.1 78.1

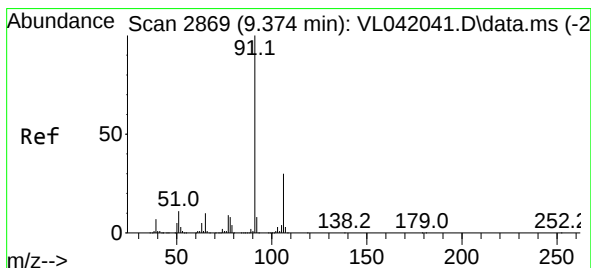
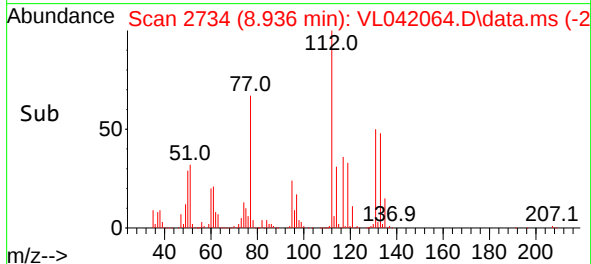
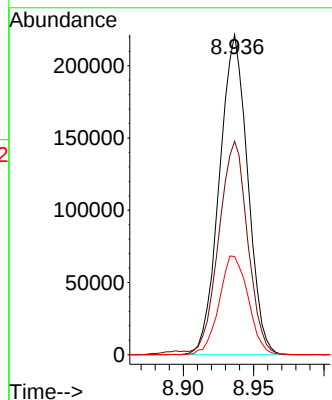
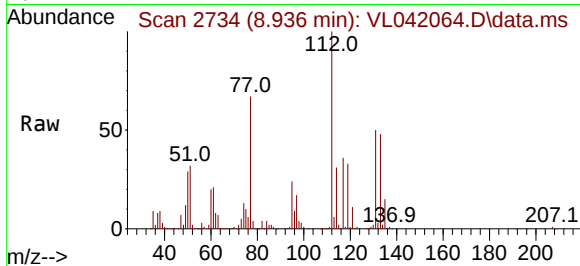




#57
Chlorobenzene
Concen: 10.313 ppbv
RT: 8.936 min Scan# 21
Delta R.T. -0.004 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

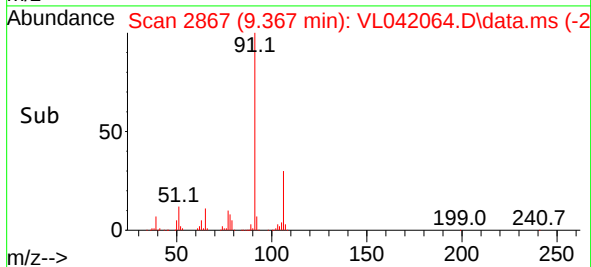
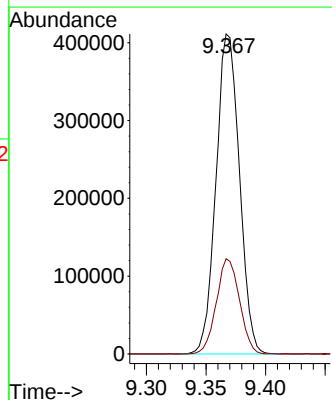
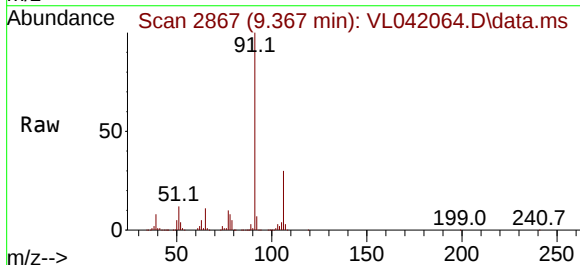
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

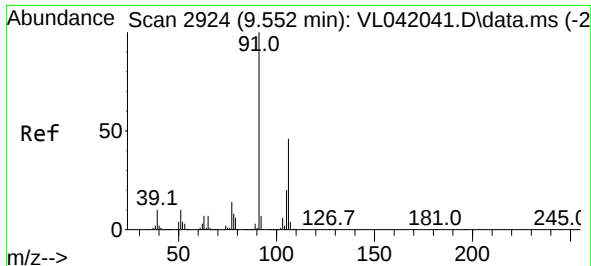
Tgt Ion:112 Resp: 309702
Ion Ratio Lower Upper
112 100
77 66.5 53.4 80.2
114 30.5 28.3 34.5



#58
Ethyl Benzene
Concen: 10.526 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. -0.007 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

Tgt Ion: 91 Resp: 561460
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2





#59

m/p-Xylene

Concen: 11.035 ppbv

RT: 9.545 min Scan# 2924

Delta R.T. -0.007 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

Instrument :

MSVOA_L

ClientSampleId :

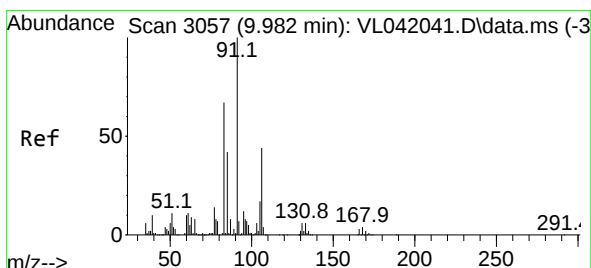
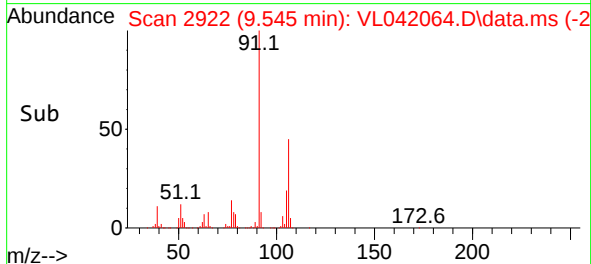
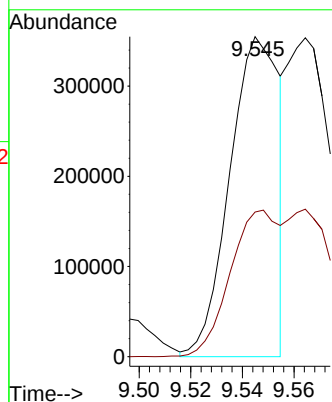
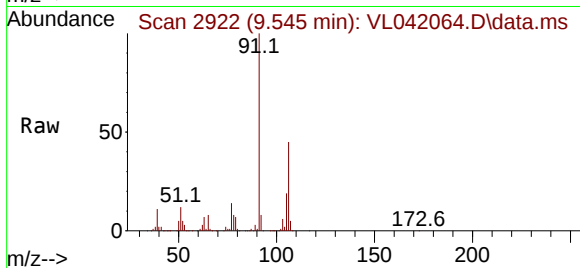
VSTDCCC010EC

Tgt Ion: 91 Resp: 468383

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 10.537 ppbv

RT: 9.975 min Scan# 3055

Delta R.T. -0.007 min

Lab File: VL042064.D

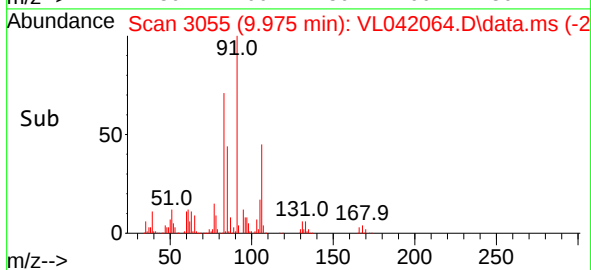
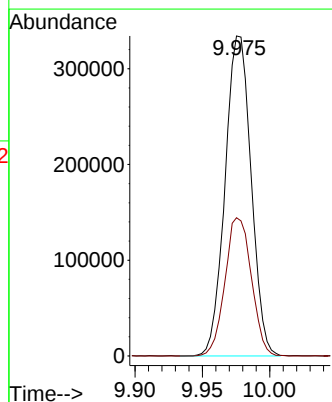
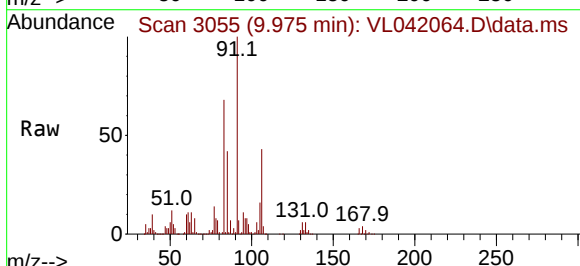
Acq: 26 Feb 2025 16:29

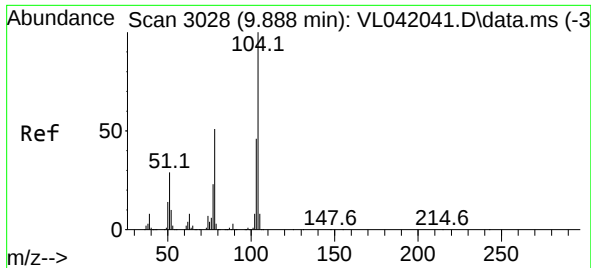
Tgt Ion: 91 Resp: 449623

Ion Ratio Lower Upper

91 100

106 43.8 22.3 66.8

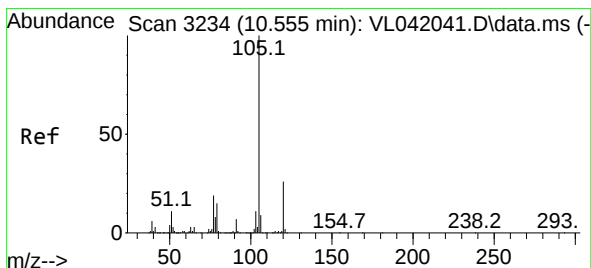
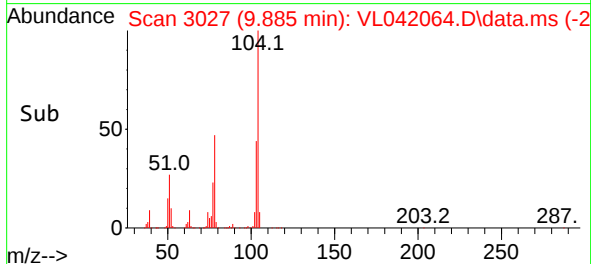
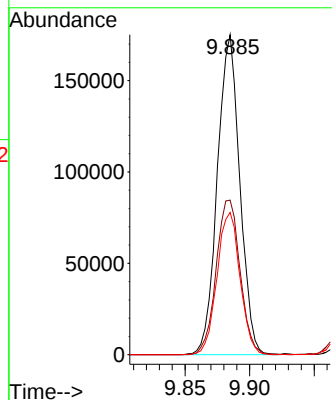
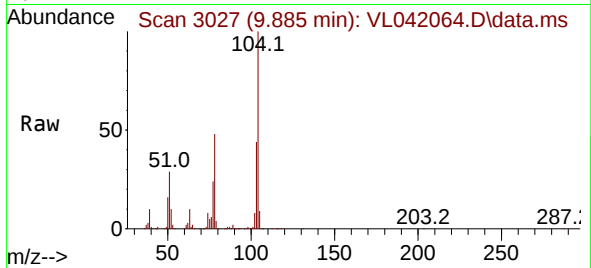




#61
Styrene
Concen: 10.557 ppbv
RT: 9.885 min Scan# 3028
Delta R.T. -0.004 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

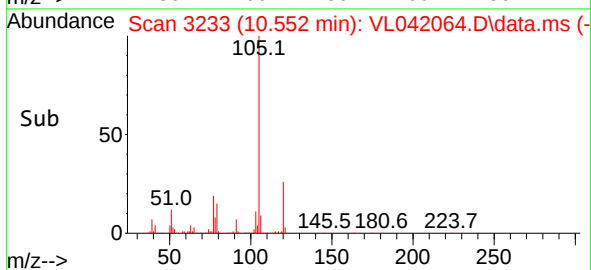
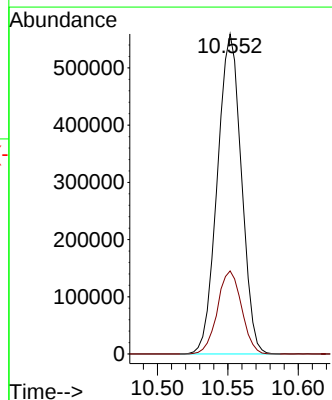
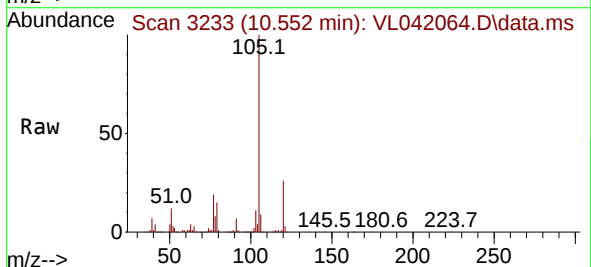
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

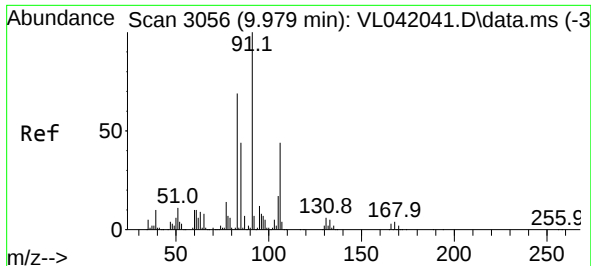
Tgt Ion:104 Resp: 211787
Ion Ratio Lower Upper
104 100
78 51.3 41.0 61.4
103 45.5 37.0 55.6



#62
Isopropylbenzene
Concen: 10.400 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. -0.004 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

Tgt Ion:105 Resp: 664649
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1

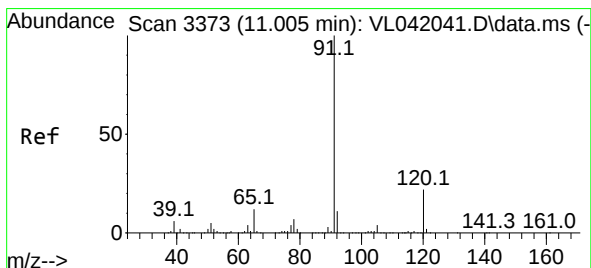
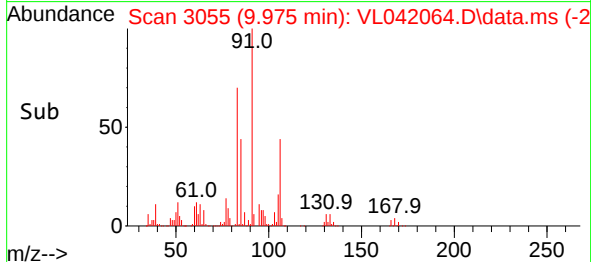
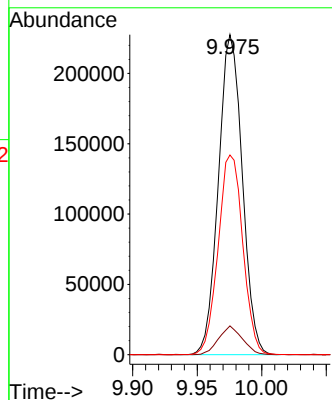
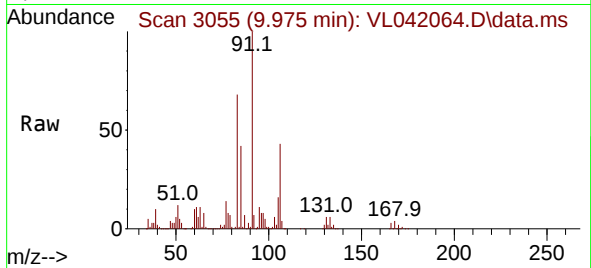




#63
1,1,2,2-Tetrachloroethane
Concen: 10.408 ppbv
RT: 9.975 min Scan# 3055
Delta R.T. -0.004 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

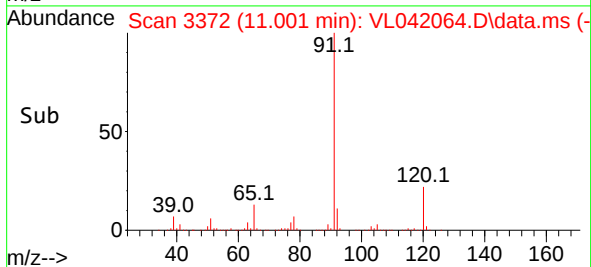
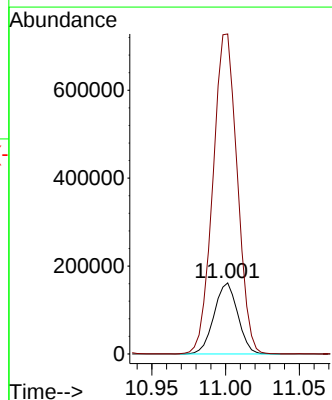
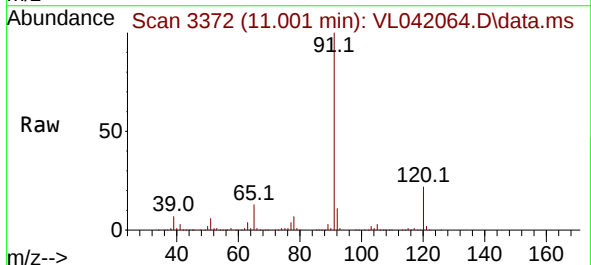
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

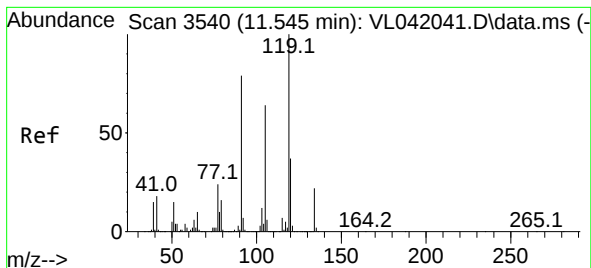
Tgt Ion: 83 Resp: 292489
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.7
85 64.5 32.1 96.3



#64
n-propylbenzene
Concen: 10.768 ppbv
RT: 11.001 min Scan# 3372
Delta R.T. -0.004 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

Tgt Ion: 120 Resp: 180511
Ion Ratio Lower Upper
120 100
91 464.2 370.6 556.0





#65

tert-Butylbenzene

Concen: 10.173 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. -0.004 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

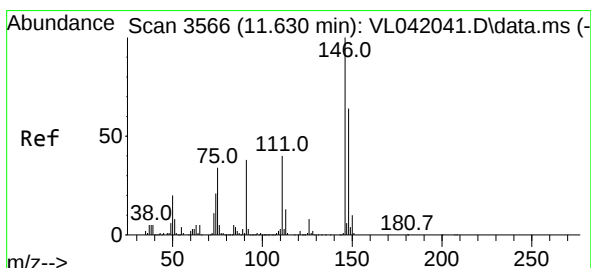
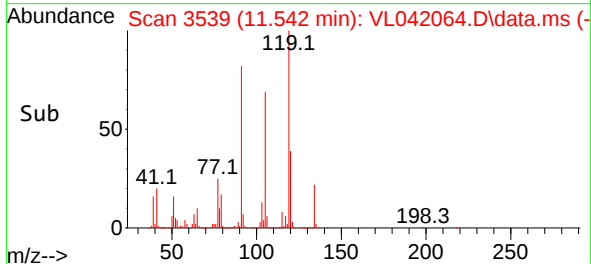
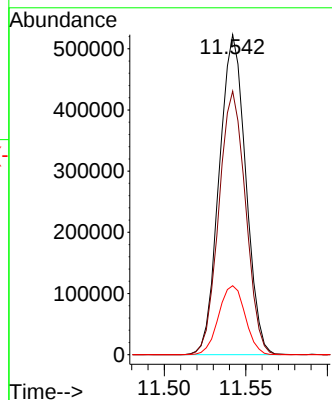
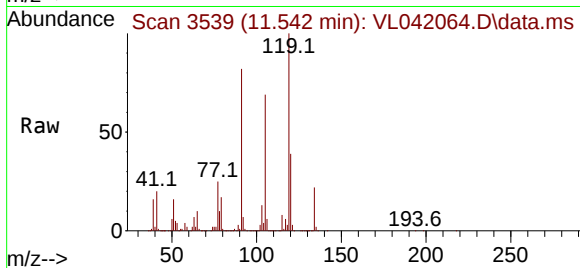
Tgt Ion:119 Resp: 591673

Ion Ratio Lower Upper

119 100

91 82.9 64.2 96.2

134 21.6 17.4 26.2



#66

Benzyl Chloride

Concen: 9.201 ppbv

RT: 11.626 min Scan# 3565

Delta R.T. -0.004 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

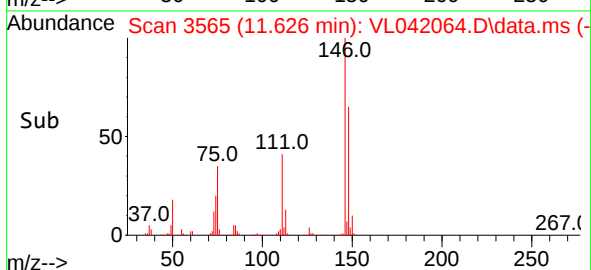
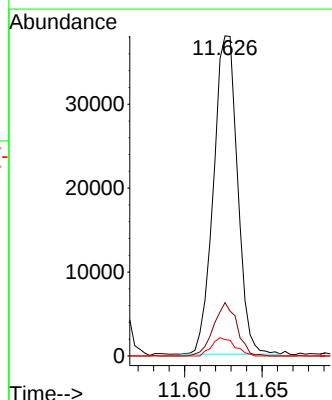
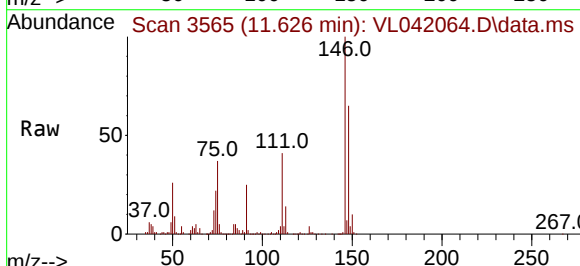
Tgt Ion: 91 Resp: 40834

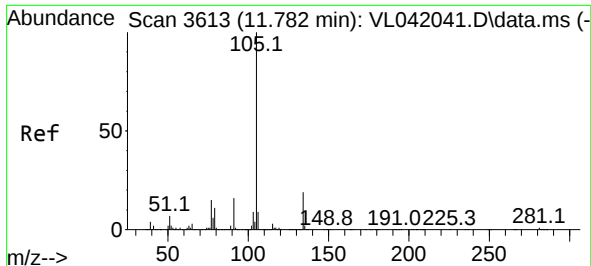
Ion Ratio Lower Upper

91 100

126 16.3 14.5 21.7

128 5.5 5.4 8.2





#67

sec-Butylbenzene

Concen: 10.246 ppbv

RT: 11.778 min Scan# 3

Delta R.T. -0.004 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

Instrument :

MSVOA_L

ClientSampleId :

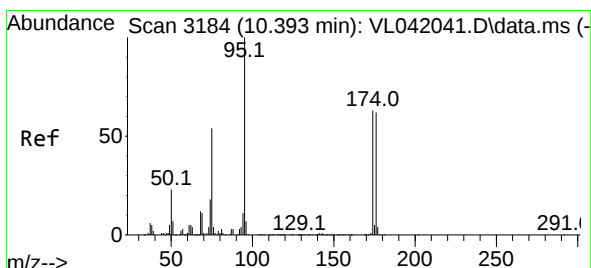
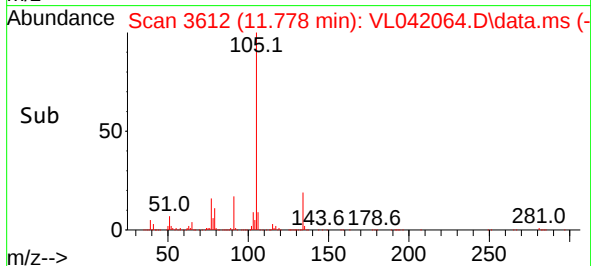
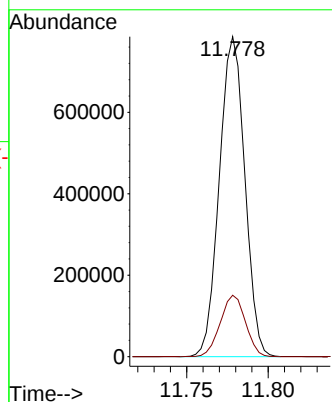
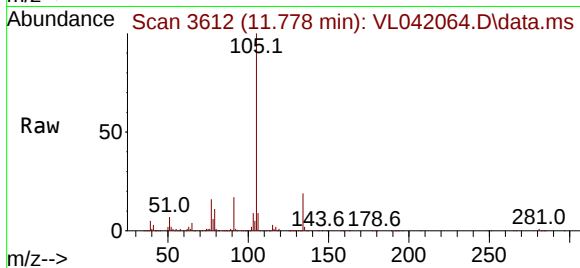
VSTDCCC010EC

Tgt Ion:105 Resp: 852278

Ion Ratio Lower Upper

105 100

134 19.1 14.9 22.3



#68

1-Bromo-4-Fluorobenzene

Concen: 10.709 ppbv

RT: 10.386 min Scan# 3182

Delta R.T. -0.007 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

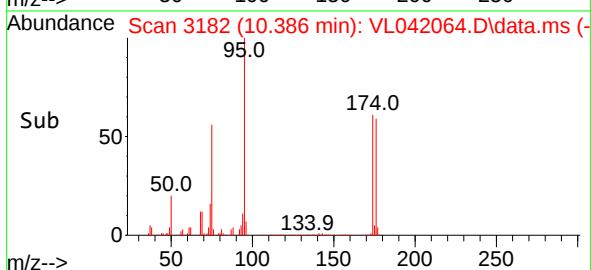
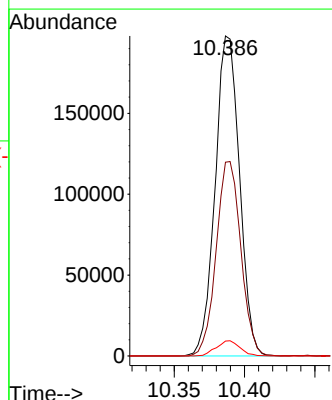
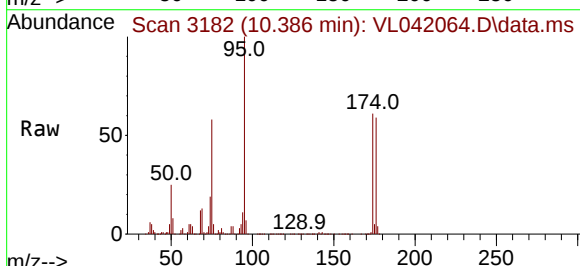
Tgt Ion: 95 Resp: 238619

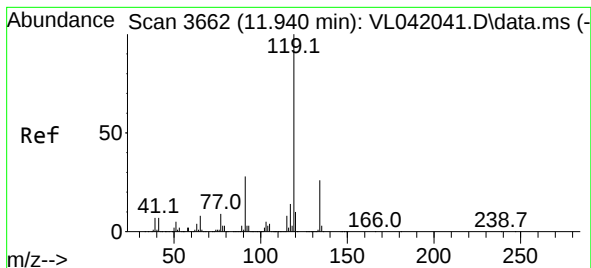
Ion Ratio Lower Upper

95 100

174 61.5 51.8 77.6

175 4.6 3.9 5.9





#69

p-Isopropyltoluene

Concen: 10.584 ppbv

RT: 11.937 min Scan# 3

Delta R.T. -0.004 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

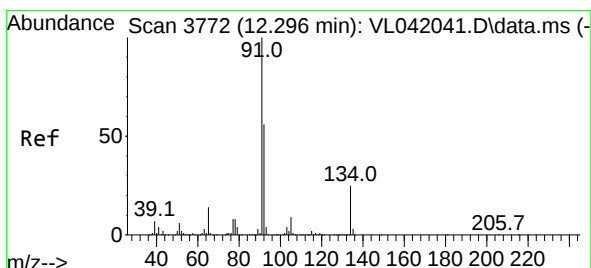
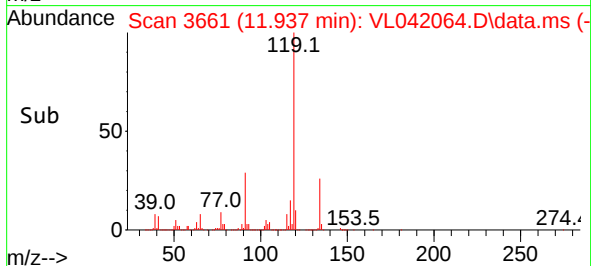
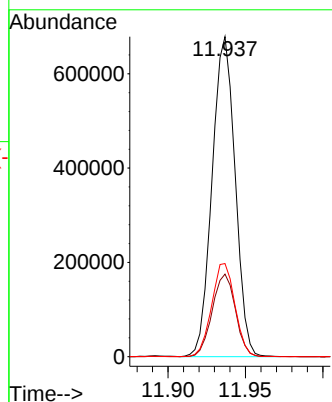
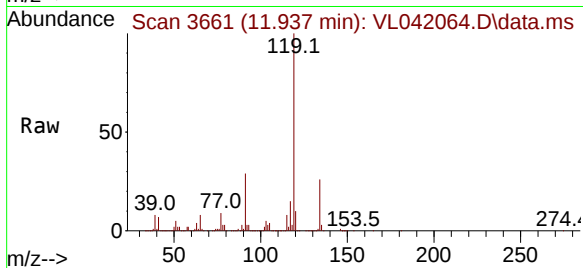
Tgt Ion:119 Resp: 700437

Ion Ratio Lower Upper

119 100

134 26.1 20.9 31.3

91 29.7 23.1 34.7



#70

n-Butylbenzene

Concen: 10.837 ppbv

RT: 12.293 min Scan# 3771

Delta R.T. -0.004 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

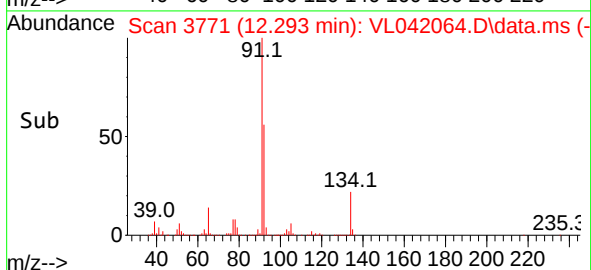
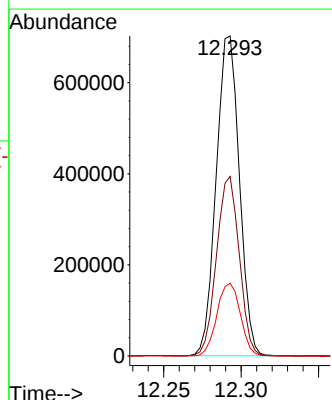
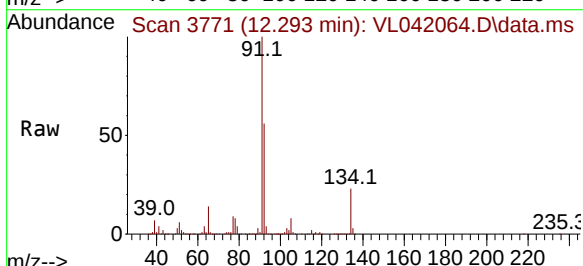
Tgt Ion: 91 Resp: 732089

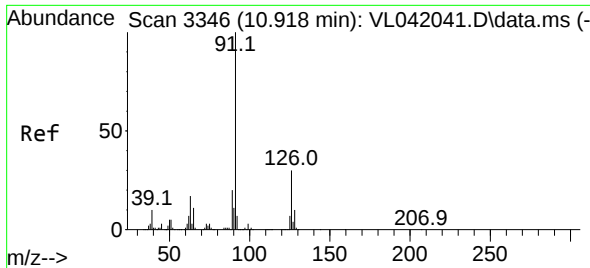
Ion Ratio Lower Upper

91 100

92 55.1 44.7 67.1

134 23.1 18.9 28.3

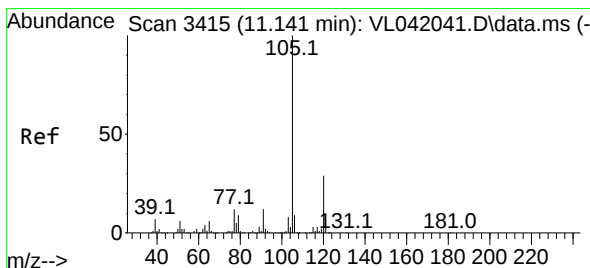
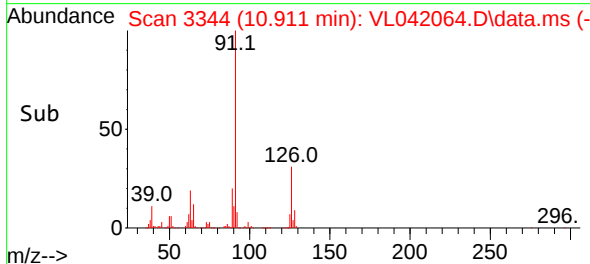
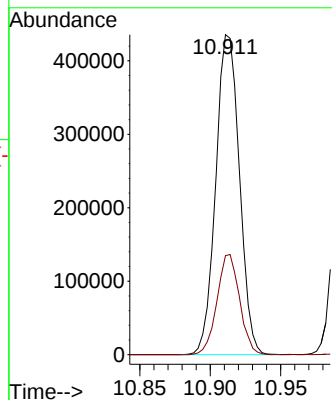
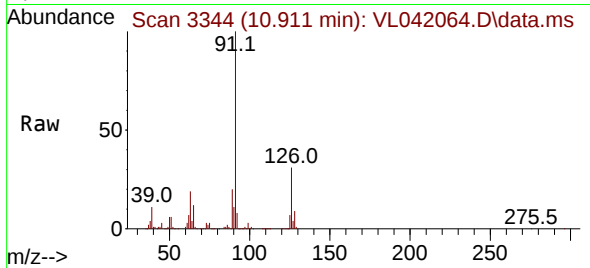




#71
2-Chlorotoluene
Concen: 10.346 ppbv
RT: 10.911 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

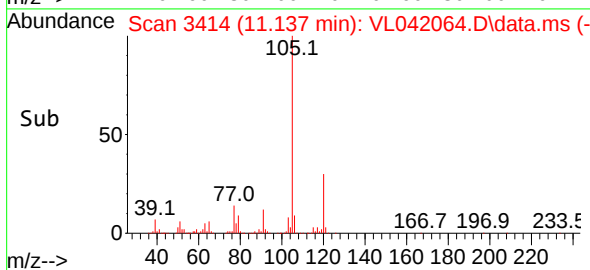
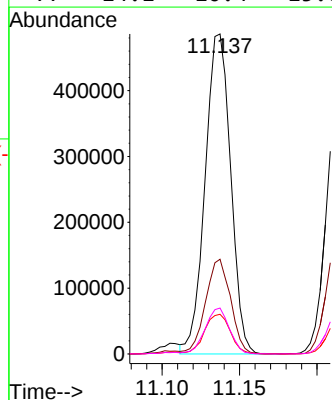
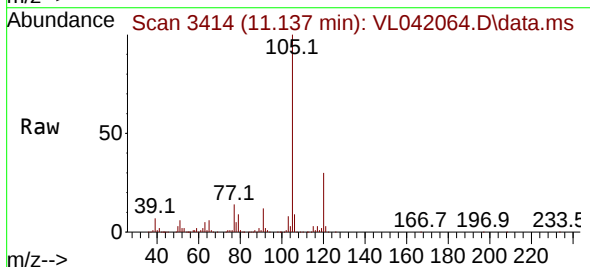
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

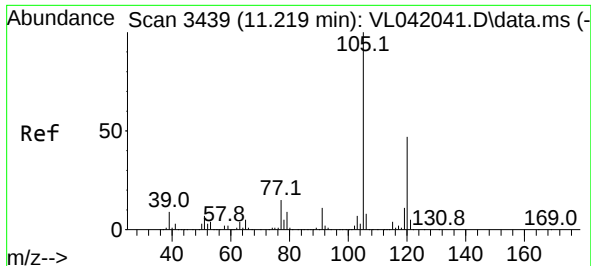
Tgt Ion: 91 Resp: 509698
Ion Ratio Lower Upper
91 100
126 29.9 11.9 47.5



#72
4-Ethyltoluene
Concen: 10.700 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. -0.004 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

Tgt Ion:105 Resp: 557470
Ion Ratio Lower Upper
105 100
120 29.8 24.1 36.1
91 13.1 10.2 15.4
77 14.1 10.4 15.6





#73

1,3,5-Trimethylbenzene

Concen: 10.432 ppbv

RT: 11.215 min Scan# 3439

Delta R.T. -0.004 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

Instrument :

MSVOA_1

ClientSampleId :

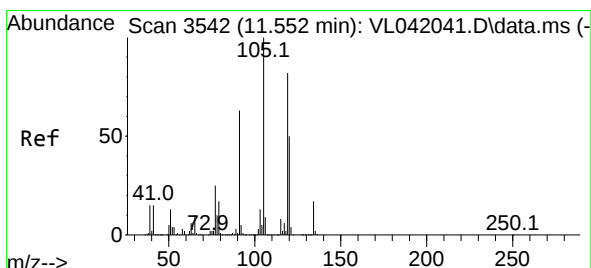
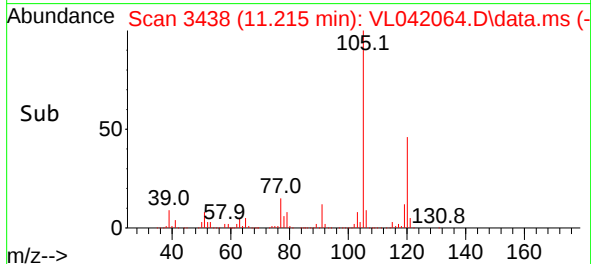
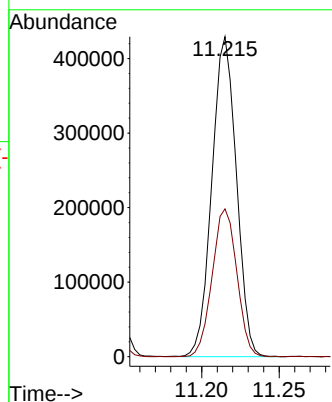
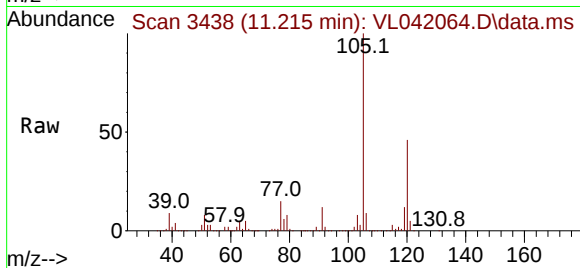
VSTDCCC010EC

Tgt Ion:105 Resp: 471475

Ion Ratio Lower Upper

105 100

120 46.2 37.4 56.0



#74

1,2,4-Trimethylbenzene

Concen: 9.985 ppbv

RT: 11.548 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

Tgt Ion:105 Resp: 508162

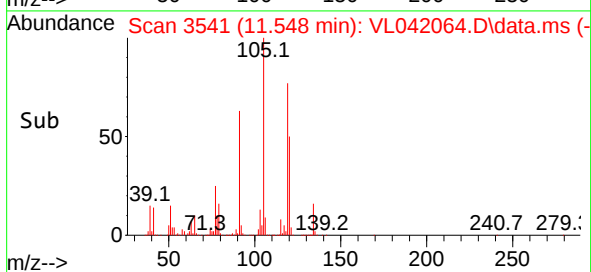
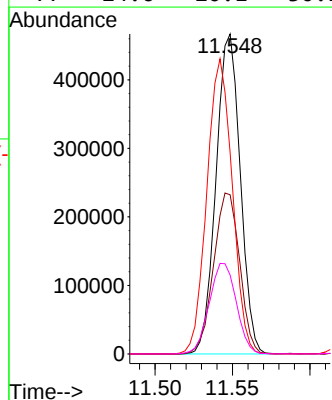
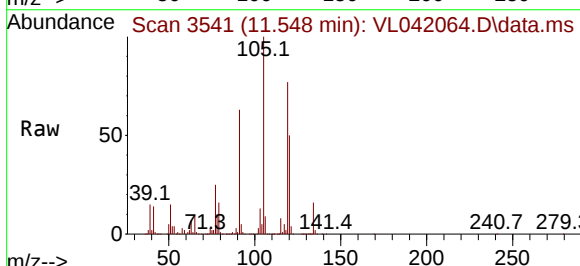
Ion Ratio Lower Upper

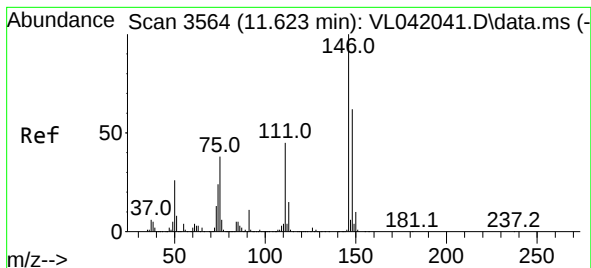
105 100

120 49.8 40.2 60.2

91 62.9 51.4 77.2

77 24.6 20.1 30.1





#75

1,3-Dichlorobenzene

Concen: 10.303 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. -0.004 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

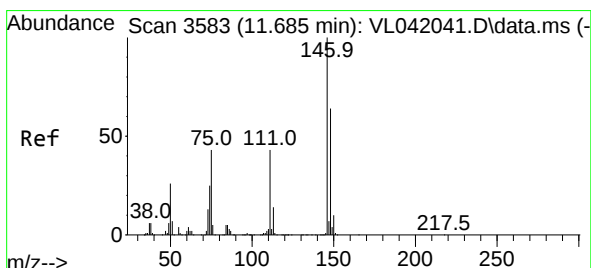
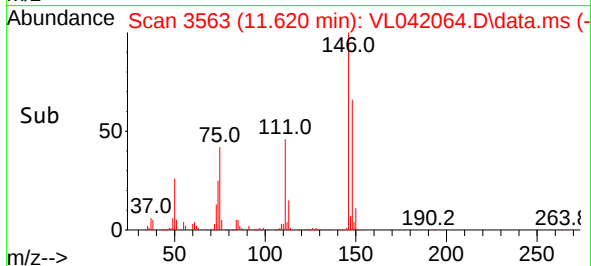
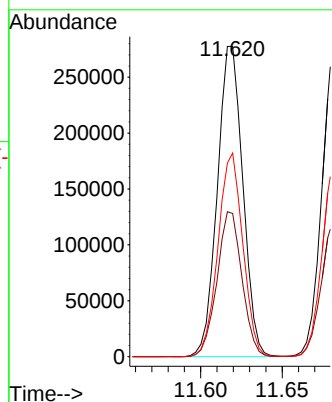
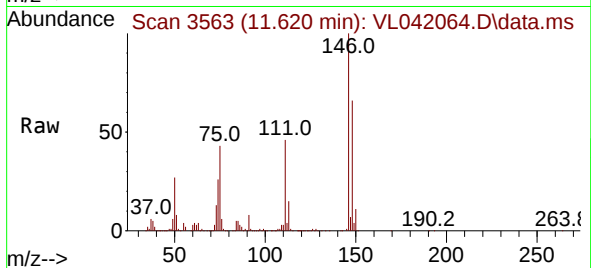
Tgt Ion:146 Resp: 301775

Ion Ratio Lower Upper

146 100

111 45.8 22.4 67.2

148 63.9 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 10.354 ppbv

RT: 11.681 min Scan# 3582

Delta R.T. -0.003 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

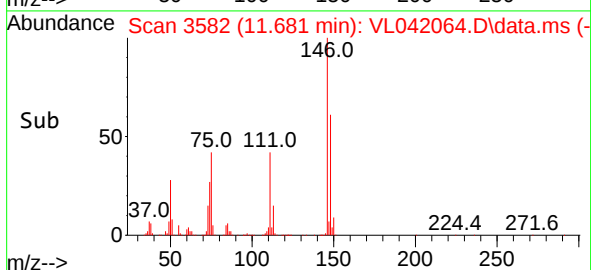
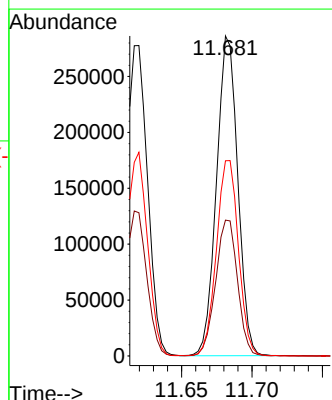
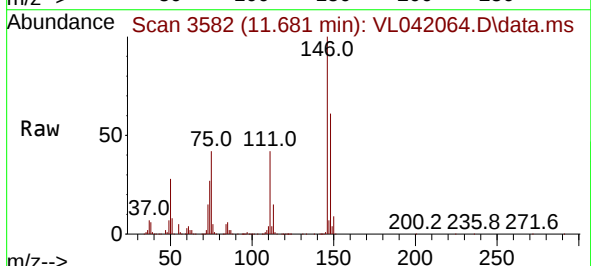
Tgt Ion:146 Resp: 301091

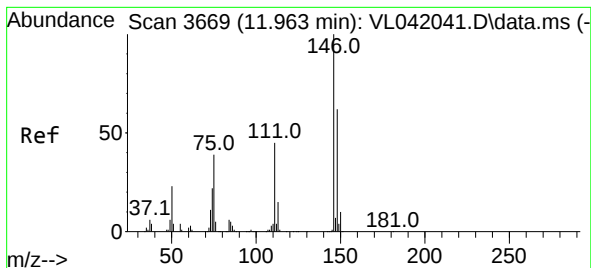
Ion Ratio Lower Upper

146 100

111 43.9 21.5 64.5

148 63.3 31.6 95.0





#77

1,2-Dichlorobenzene

Concen: 10.407 ppbv

RT: 11.956 min Scan# 3

Delta R.T. -0.007 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

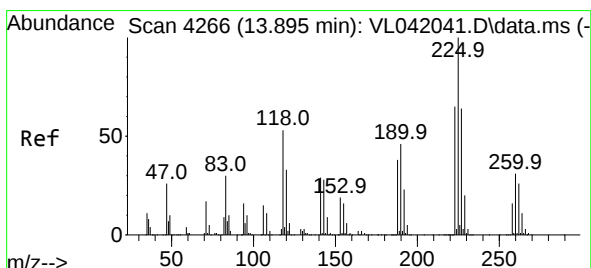
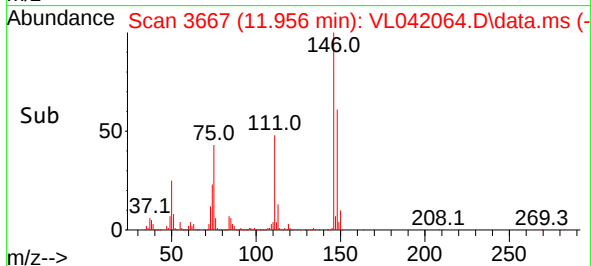
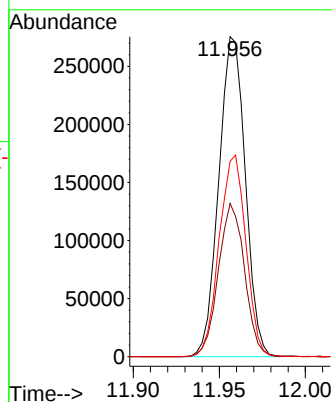
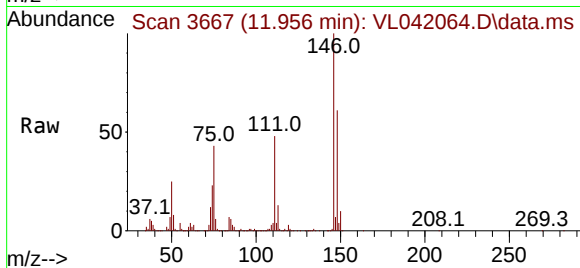
Tgt Ion:146 Resp: 295784

Ion Ratio Lower Upper

146 100

111 47.2 23.2 69.6

148 63.5 31.4 94.2



#78

Hexachloro-1,3-Butadiene

Concen: 9.478 ppbv

RT: 13.892 min Scan# 4265

Delta R.T. -0.004 min

Lab File: VL042064.D

Acq: 26 Feb 2025 16:29

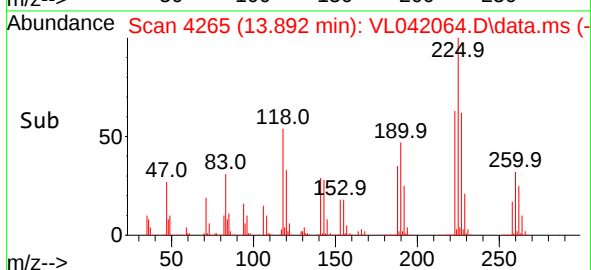
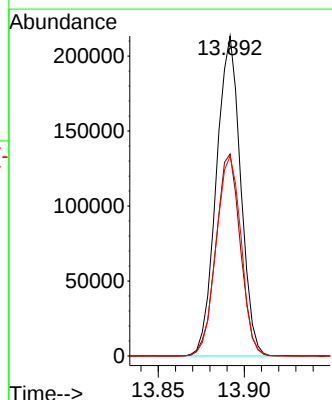
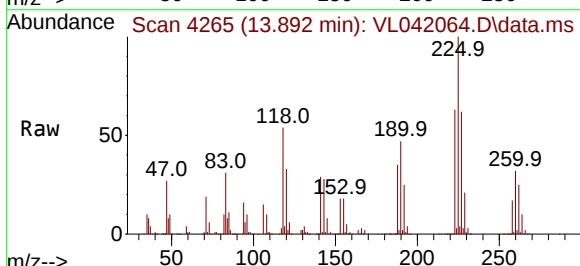
Tgt Ion:225 Resp: 209616

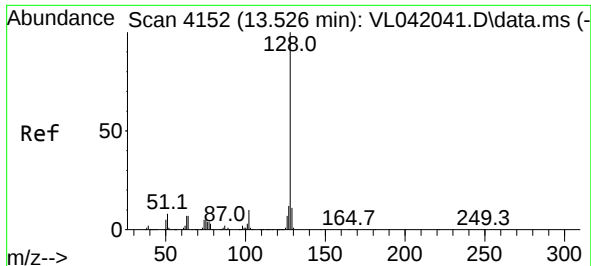
Ion Ratio Lower Upper

225 100

223 63.5 50.2 75.2

227 64.0 50.8 76.2

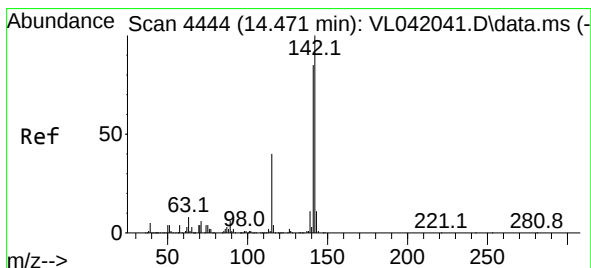
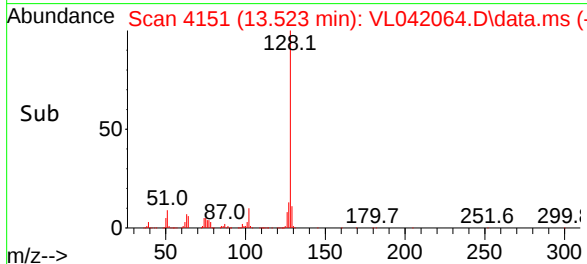
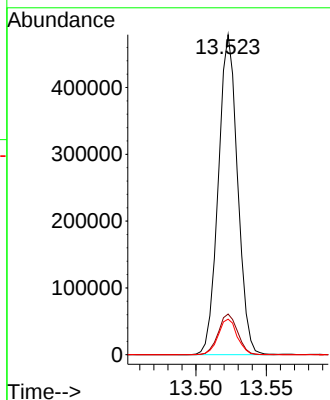
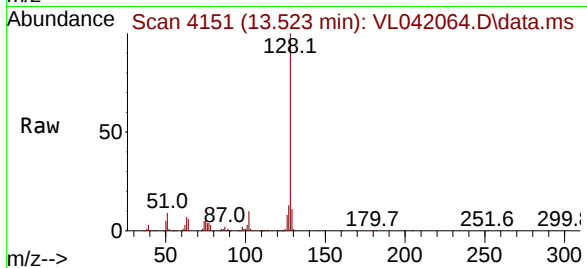




#79
Naphthalene
Concen: 13.087 ppbv
RT: 13.523 min Scan# 4152
Delta R.T. -0.003 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

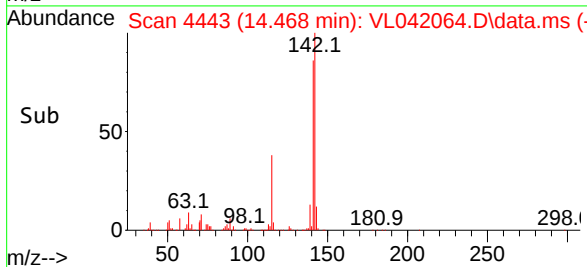
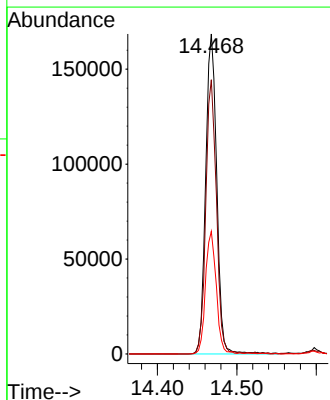
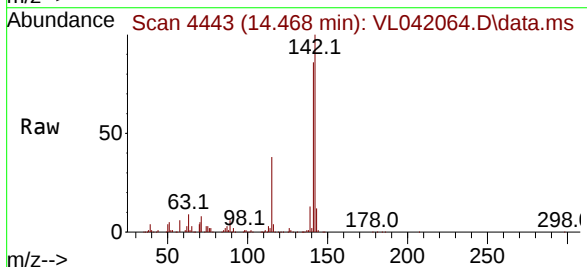
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

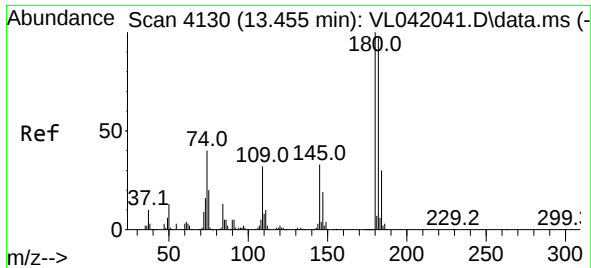
Tgt Ion:128 Resp: 456669
Ion Ratio Lower Upper
128 100
127 12.7 9.8 14.6
129 11.1 8.6 12.8



#80
Naphthalene,2-methyl-
Concen: 17.071 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. -0.004 min
Lab File: VL042064.D
Acq: 26 Feb 2025 16:29

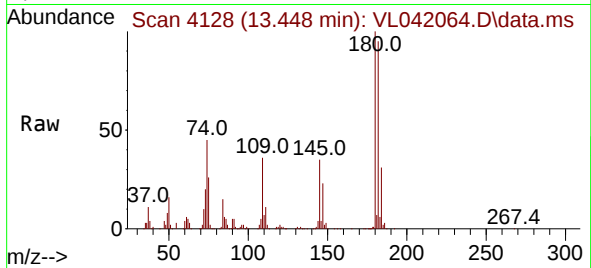
Tgt Ion:142 Resp: 163016
Ion Ratio Lower Upper
142 100
141 83.4 65.8 98.6
115 37.9 29.5 44.3





#81
 1,2,4-Trichlorobenzene
 Concen: 10.610 ppbv
 RT: 13.448 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VL042064.D
 Acq: 26 Feb 2025 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 206336
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.1 112.7
 184 31.6 23.8 35.6

