

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031025\
 Data File : VL042115.D
 Acq On : 10 Mar 2025 09:08
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Mar 11 01:20:35 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	165085	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	392891	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	342991	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	279482	10.591	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.900%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.502	85	176674	10.292	ppbv	100
3) Chlorodifluoromethane	1.479	51	214625	8.945	ppbv	100
4) Chloromethane	1.538	50	66603	10.491	ppbv	99
5) Vinyl Chloride	1.586	62	63194	10.524	ppbv	99
6) Bromomethane	1.674	94	31189	10.908	ppbv	95
7) Chloroethane	1.709	64	25650	10.513	ppbv	96
8) Dichlorotetrafluoroethane	1.560	85	149265	10.577	ppbv	96
9) Propene	1.489	41	84787	8.674	ppbv	97
10) Heptane	5.004	43	250763	8.240	ppbv	99
11) Trichlorofluoromethane	1.884	101	186477	10.841	ppbv	98
12) 1,1,2-Trichlorotrifluoro...	2.146	101	135213	9.855	ppbv	95
13) Ethanol	1.729	45	4581	7.383	ppbv	100
14) Bromoethene	1.787	108	49525	10.221	ppbv	99
15) Acetone	1.842	43	143215	9.824	ppbv	98
16) 1,3-Butadiene	1.615	39	69593	10.258	ppbv	97
17) tert-Butyl alcohol	2.049	59	159834	8.763	ppbv	99
18) 1,1-Dichloroethene	2.043	96	60058	9.687	ppbv	93
19) Isopropyl Alcohol	1.894	45	80799	9.648	ppbv	95
20) Methylene Chloride	2.068	84	54929	9.961	ppbv	94
21) Allyl Chloride	2.104	41	103183	9.796	ppbv	97
22) trans-1,2-Dichloroethene	2.350	96	72057	9.970	ppbv	93
23) Vinyl Acetate	2.473	43	75424	7.358	ppbv #	97
24) 1,1-Dichloroethane	2.418	63	139243	10.354	ppbv	99
25) Ethyl Acetate	2.848	43	504073	8.638	ppbv	99
26) Hexane	2.839	57	200177	8.485	ppbv	97
27) Carbon Disulfide	2.159	76	161105	10.074	ppbv	99
28) Methyl tert-Butyl Ether	2.450	73	124414	10.593	ppbv	96
29) Chloroform	2.861	83	278501	8.771	ppbv	97
30) Cyclohexane	3.874	84	154573	8.072	ppbv	98
31) cis-1,2-Dichloroethene	2.732	61	173603	7.774	ppbv	98
32) 1,1,1-Trichloroethane	3.382	97	245078	7.957	ppbv	95
34) 2-Butanone	2.570	43	280396	9.161	ppbv	96
35) Carbon Tetrachloride	3.777	117	263471	9.725	ppbv	96
36) Benzene	3.671	78	373628	9.084	ppbv	99
37) 1,2-Dichloroethane	3.234	62	197592	8.665	ppbv	100
38) Trichloroethene	4.567	130	141399	8.419	ppbv	91
39) 1,2-Dichloropropane	4.331	63	143609	9.199	ppbv	96
40) 1,4-Dioxane	4.609	88	66354	9.311	ppbv #	98
41) Tetrahydrofuran	3.069	42	160836	8.893	ppbv	96
42) Bromodichloromethane	4.509	83	282060	9.180	ppbv	98
43) Methyl Methacrylate	4.907	69	131818	8.207	ppbv	95
44) 2,2,4-Trimethylpentane	4.661	57	672958	9.271	ppbv	98
45) t-1,3-Dichloropropene	6.441	75	120441	7.547	ppbv	97

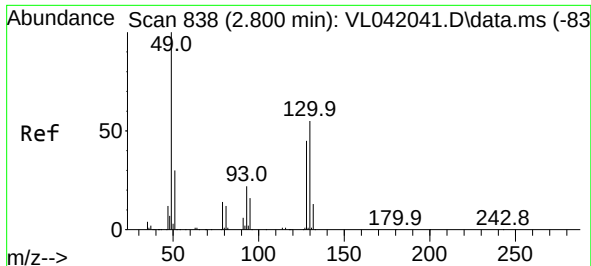
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 Data File : VL042115.D
 Acq On : 10 Mar 2025 09:08
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Mar 11 01:20:35 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	5.625	75	168796	8.174	ppbv	98
47) 1,1,2-Trichloroethane	6.603	97	144966m	9.147	ppbv	
48) Dibromochloromethane	7.406	129	223556	9.006	ppbv	98
49) Bromoform	9.500	173	202719	9.404	ppbv	98
50) 4-Methyl-2-Pentanone	5.784	43	384115	9.703	ppbv	98
51) 2-Hexanone	7.457	43	305375	11.208	ppbv #	98
52) Tetrachloroethene	8.244	164	120090	8.529	ppbv	97
53) Toluene	6.959	91	388571	8.453	ppbv	99
54) 1,2-Dibromoethane	7.671	107	189652	8.851	ppbv	94
56) 1,1,1,2-Tetrachloroethane	8.943	131	184992	9.542	ppbv	99
57) Chlorobenzene	8.937	112	330038	9.281	ppbv	99
58) Ethyl Benzene	9.370	91	549396	8.698	ppbv	100
59) m/p-Xylene	9.564	91	930397m	18.509	ppbv	
60) o-Xylene	9.979	91	466520	9.232	ppbv	98
61) Styrene	9.885	104	204092	8.590	ppbv	98
62) Isopropylbenzene	10.552	105	696113	9.198	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.979	83	327603	9.844	ppbv	99
64) n-propylbenzene	11.002	120	187705	9.455	ppbv	99
65) tert-Butylbenzene	11.542	119	627319	9.108	ppbv	99
66) Benzyl Chloride	11.626	91	43097	8.200	ppbv	100
67) sec-Butylbenzene	11.782	105	899556	9.132	ppbv	99
69) p-Isopropyltoluene	11.937	119	744068	9.494	ppbv	99
70) n-Butylbenzene	12.293	91	759905	9.499	ppbv	99
71) 2-Chlorotoluene	10.914	91	515375	8.834	ppbv	99
72) 4-Ethyltoluene	11.137	105	566348	9.179	ppbv	100
73) 1,3,5-Trimethylbenzene	11.218	105	480409	8.976	ppbv	99
74) 1,2,4-Trimethylbenzene	11.549	105	550074	9.127	ppbv	95
75) 1,3-Dichlorobenzene	11.620	146	325514	9.385	ppbv	99
76) 1,4-Dichlorobenzene	11.684	146	321685	9.341	ppbv	100
77) 1,2-Dichlorobenzene	11.960	146	322300	9.575	ppbv	99
78) Hexachloro-1,3-Butadiene	13.895	225	221283	8.449	ppbv	100
79) Naphthalene	13.526	128	470224	11.379	ppbv	99
80) Naphthalene,2-methyl-	14.471	142	147775	13.067	ppbv	99
81) 1,2,4-Trichlorobenzene	13.455	180	214425	9.311	ppbv	99

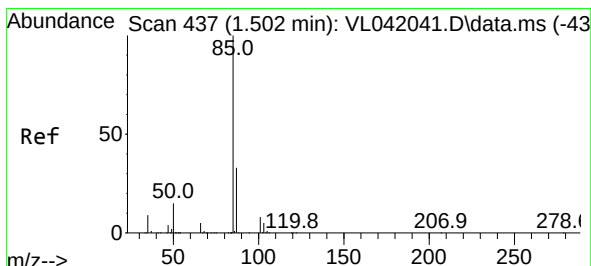
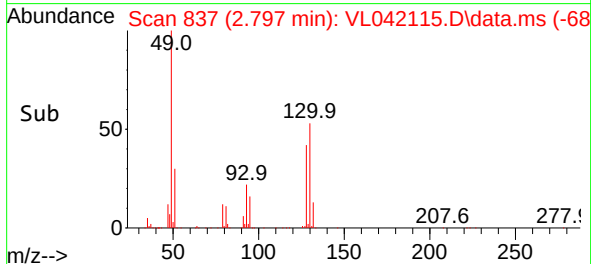
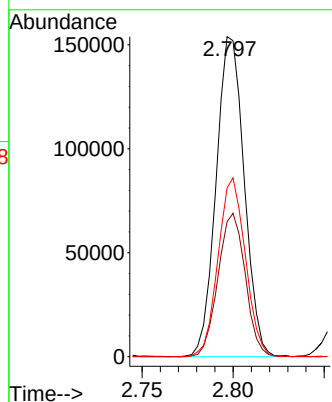
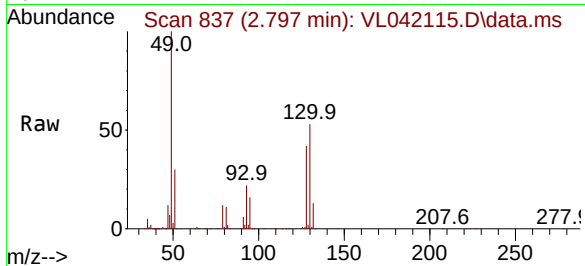
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.797 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042115.D
 Acq: 10 Mar 2025 09:08

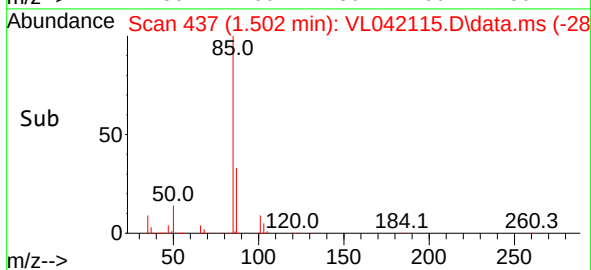
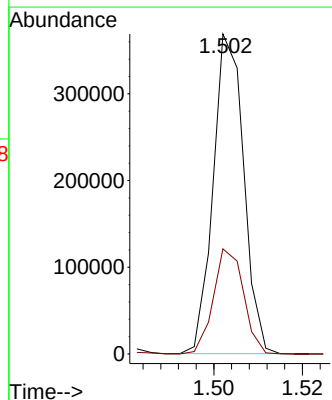
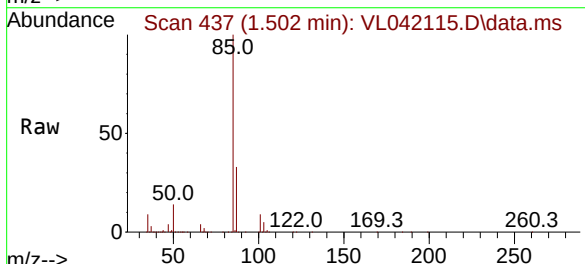
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

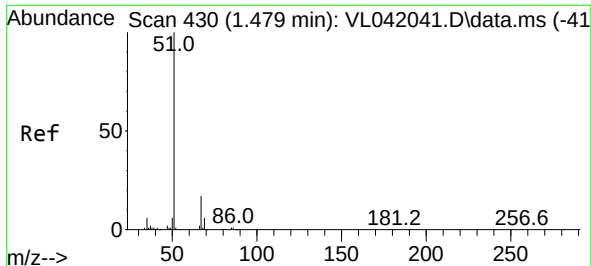
Tgt Ion: 49 Resp: 165085
 Ion Ratio Lower Upper
 49 100
 128 43.4 21.6 64.8
 130 54.2 27.8 83.4



#2
 Dichlorodifluoromethane
 Concen: 10.292 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. -0.000 min
 Lab File: VL042115.D
 Acq: 10 Mar 2025 09:08

Tgt Ion: 85 Resp: 176674
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.4 39.6

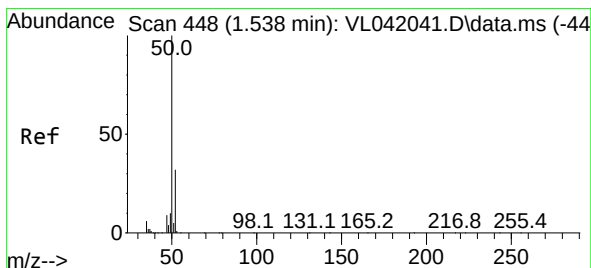
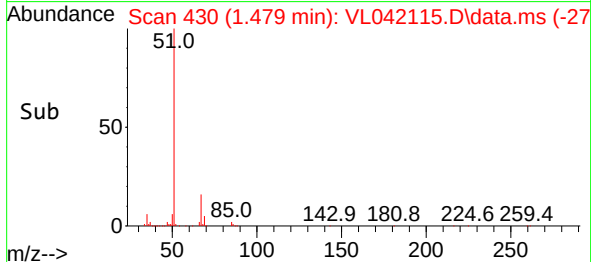
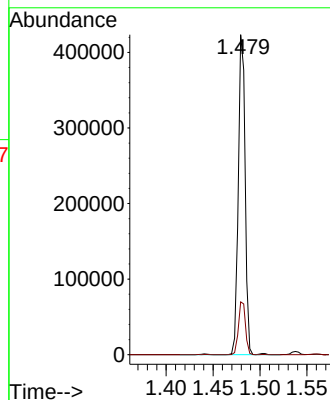
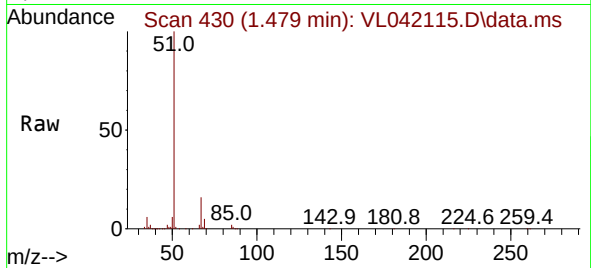




#3
Chlorodifluoromethane
Concen: 8.945 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

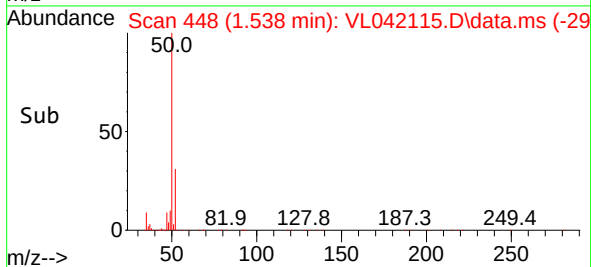
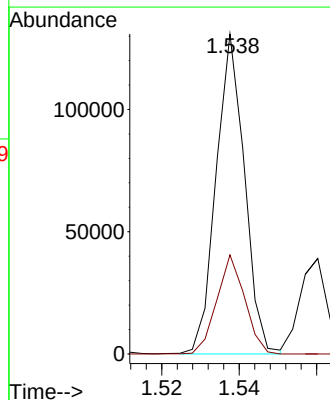
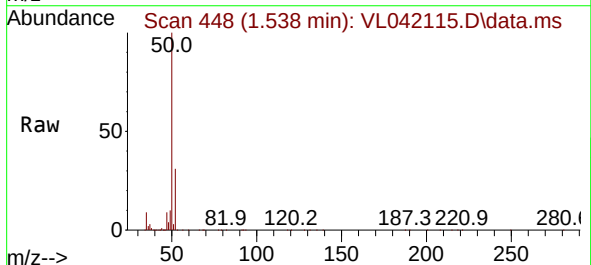
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VSTDCCC010

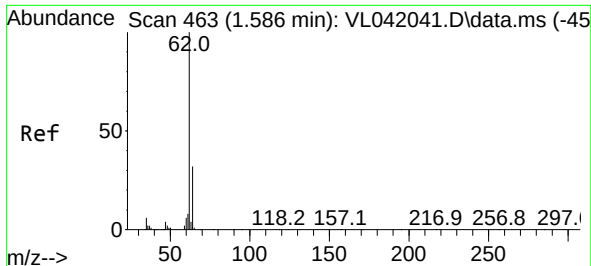
Tgt Ion: 51 Resp: 214625
Ion Ratio Lower Upper
51 100
67 16.9 13.7 20.5



#4
Chloromethane
Concen: 10.491 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion: 50 Resp: 66603
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.0

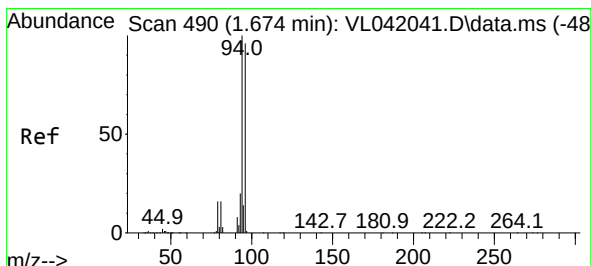
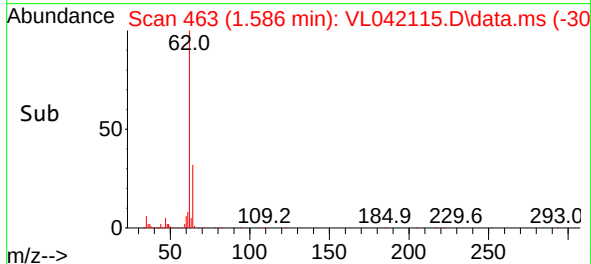
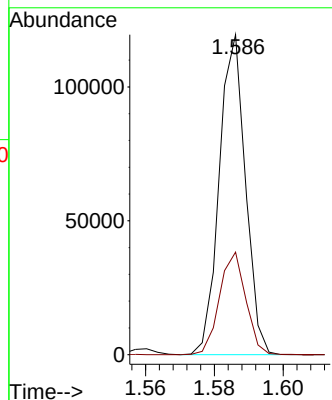
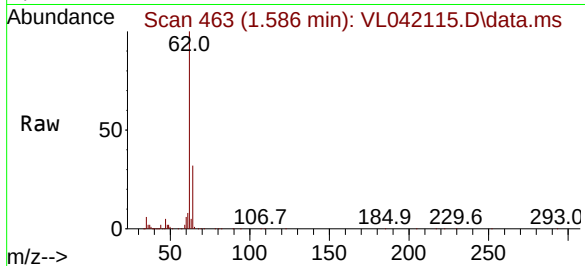




#5
 Vinyl Chloride
 Concen: 10.524 ppbv
 RT: 1.586 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VL042115.D
 Acq: 10 Mar 2025 09:08

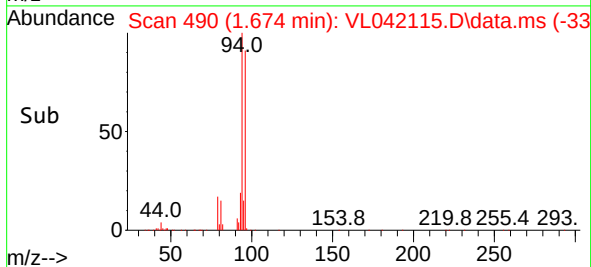
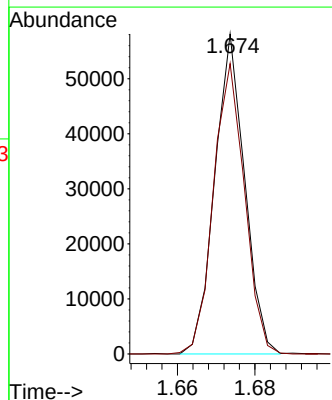
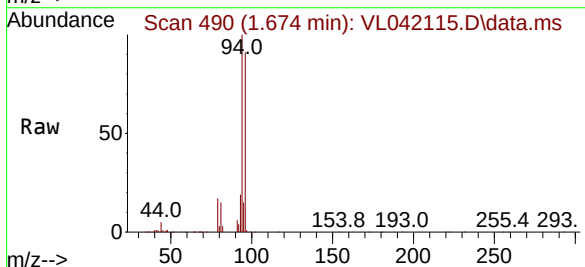
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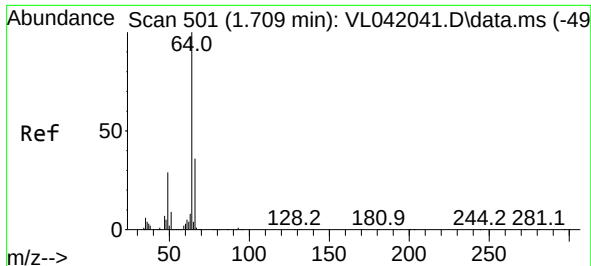
Tgt Ion: 62 Resp: 63194
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.3 37.9



#6
 Bromomethane
 Concen: 10.908 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL042115.D
 Acq: 10 Mar 2025 09:08

Tgt Ion: 94 Resp: 31189
 Ion Ratio Lower Upper
 94 100
 96 90.5 76.5 114.7

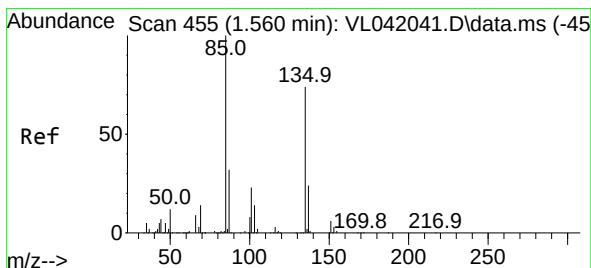
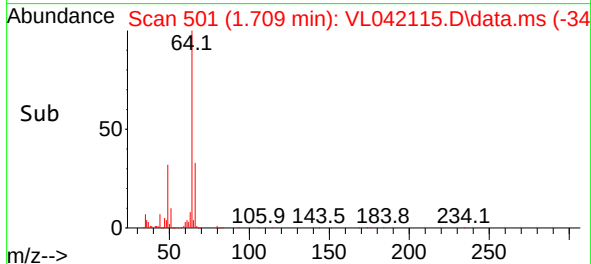
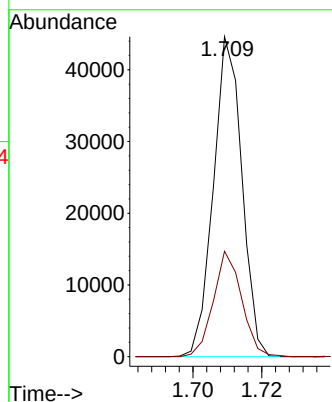
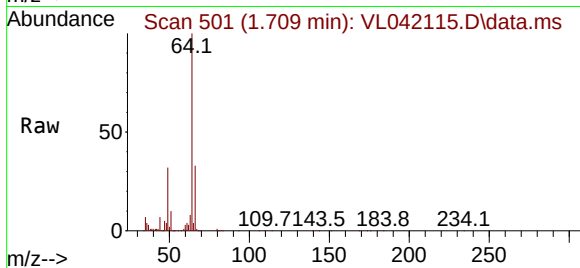




#7
Chloroethane
Concen: 10.513 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

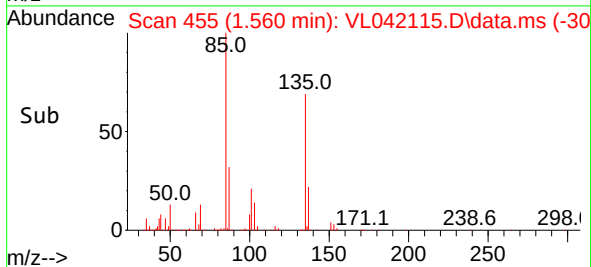
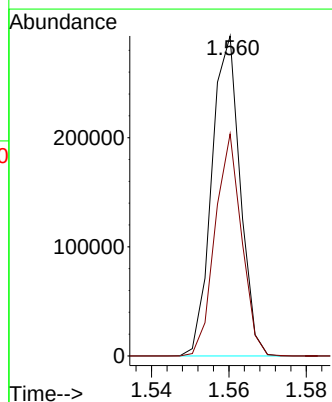
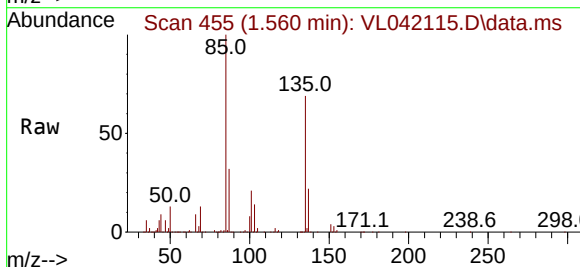
Instrument :
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ClientSampleId :
VSTDCCC010

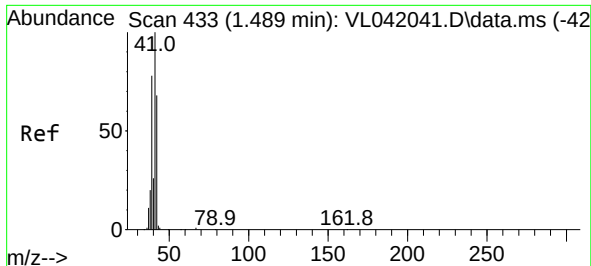
Tgt Ion: 64 Resp: 25650
Ion Ratio Lower Upper
64 100
66 32.9 28.4 42.6



#8
Dichlorotetrafluoroethane
Concen: 10.577 ppbv
RT: 1.560 min Scan# 455
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion: 85 Resp: 149265
Ion Ratio Lower Upper
85 100
135 64.9 54.6 81.8





#9

Propene

Concen: 8.674 ppbv

RT: 1.489 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

Instrument :

MSVOA_1

ClientSampleId :

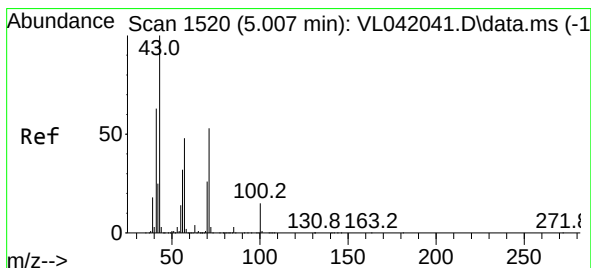
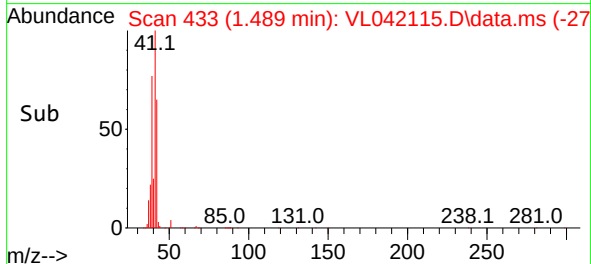
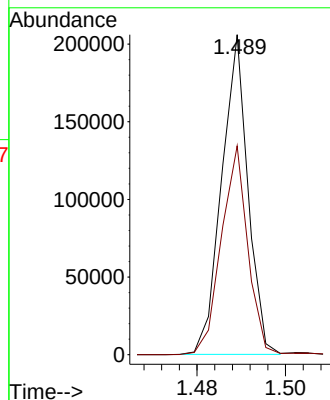
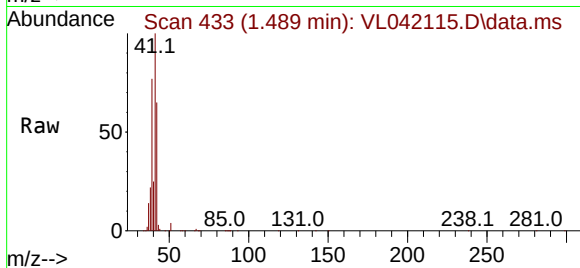
VSTDCCC010

Tgt Ion: 41 Resp: 84787

Ion Ratio Lower Upper

41 100

42 67.0 55.8 83.6



#10

Heptane

Concen: 8.240 ppbv

RT: 5.004 min Scan# 1519

Delta R.T. -0.003 min

Lab File: VL042115.D

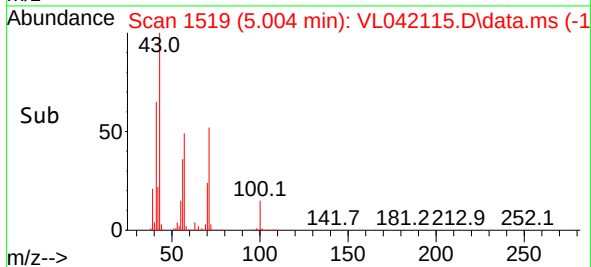
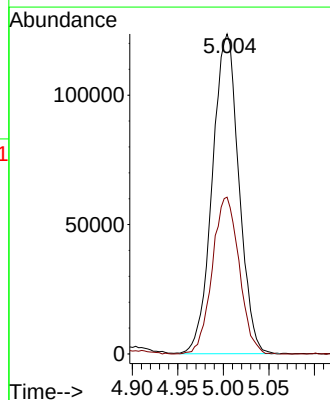
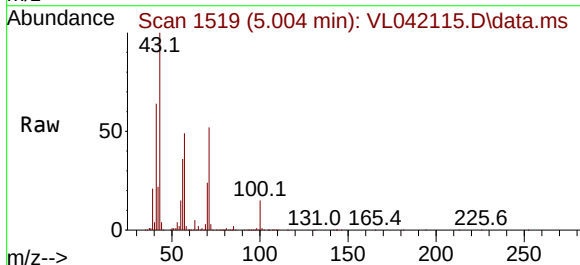
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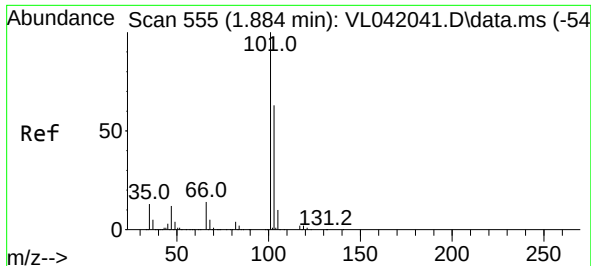
Tgt Ion: 43 Resp: 250763

Ion Ratio Lower Upper

43 100

57 49.6 39.4 59.0

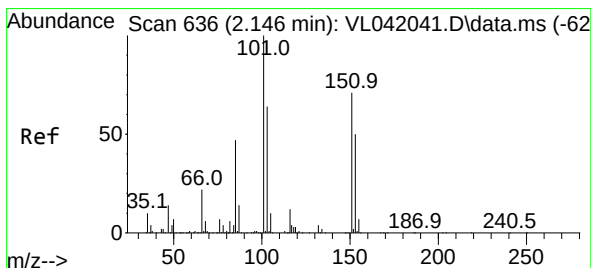
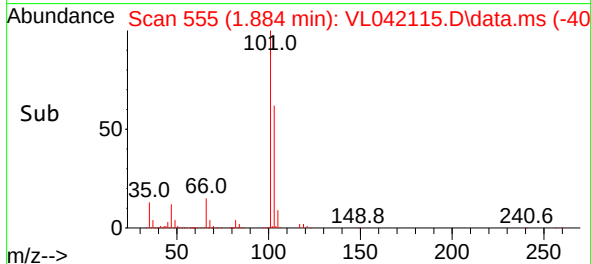
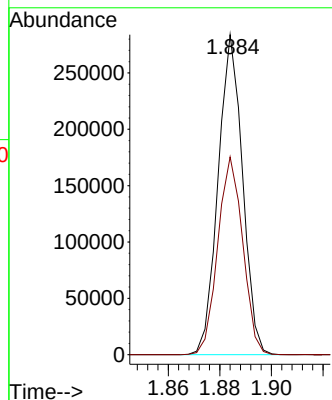
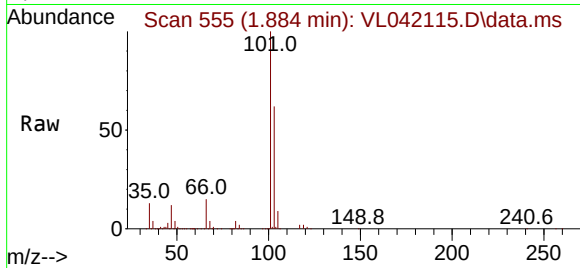




#11
 Trichlorofluoromethane
 Concen: 10.841 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042115.D
 Acq: 10 Mar 2025 09:08

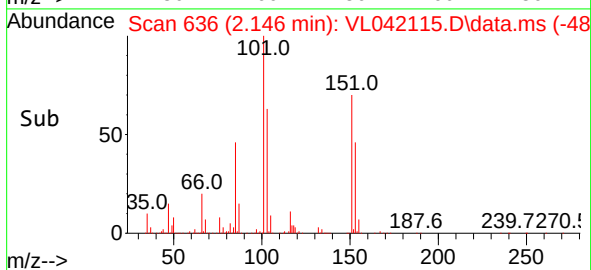
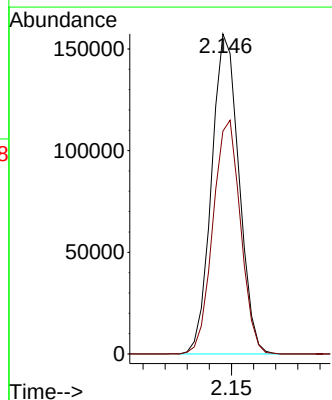
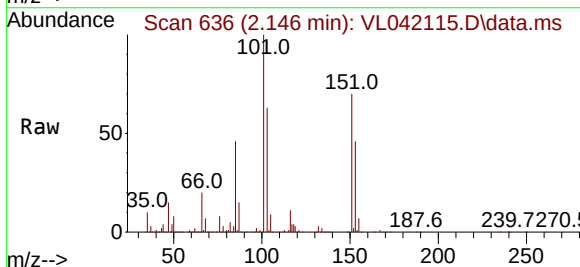
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

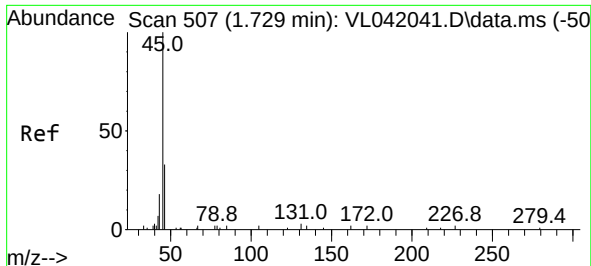
Tgt Ion:101 Resp: 186477
 Ion Ratio Lower Upper
 101 100
 103 61.8 50.6 75.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.855 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. -0.000 min
 Lab File: VL042115.D
 Acq: 10 Mar 2025 09:08

Tgt Ion:101 Resp: 135213
 Ion Ratio Lower Upper
 101 100
 151 73.6 62.6 94.0

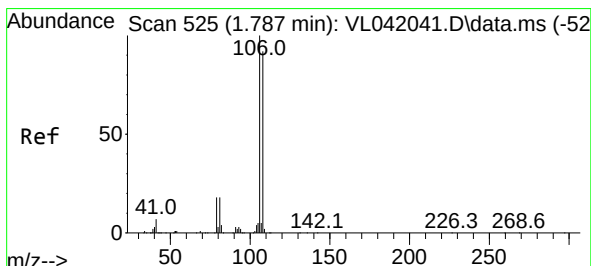
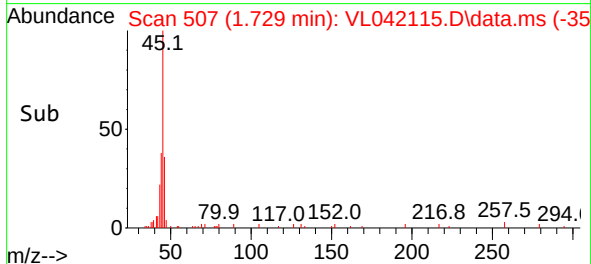
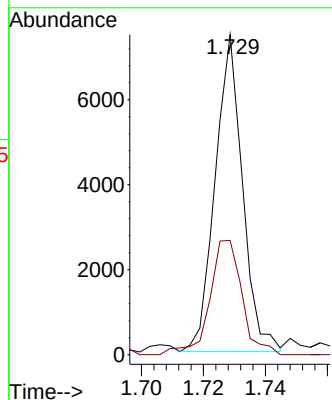
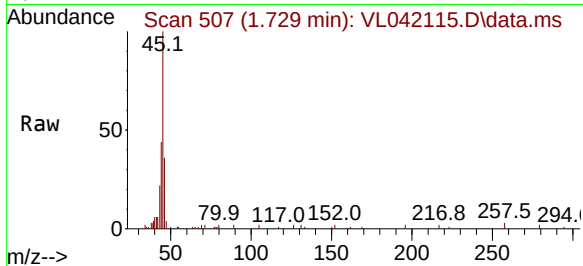




#13
Ethanol
Concen: 7.383 ppbv
RT: 1.729 min Scan# 507
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

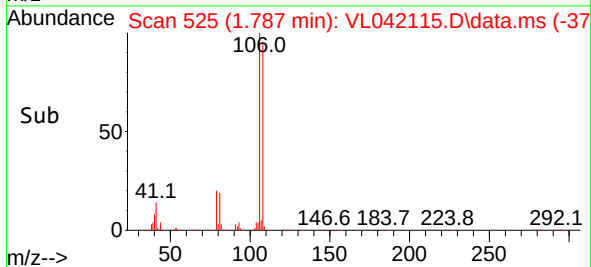
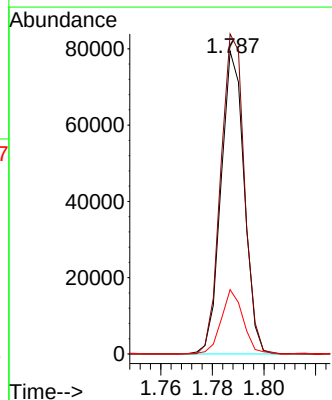
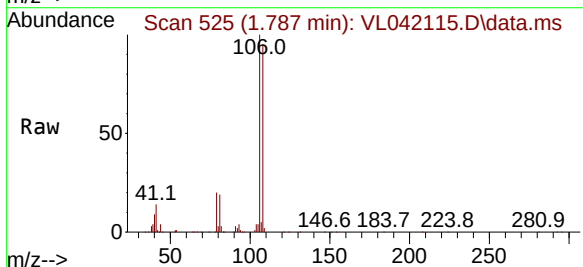
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

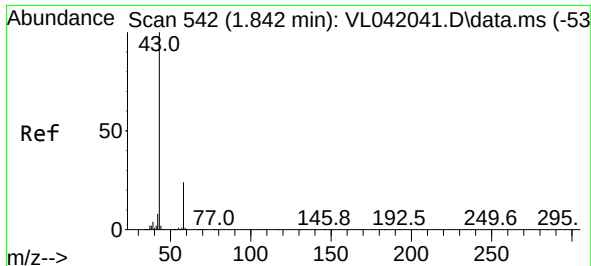
Tgt Ion: 45 Resp: 4581
Ion Ratio Lower Upper
45 100
46 42.4 17.1 68.3



#14
Bromoethene
Concen: 10.221 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion: 108 Resp: 49525
Ion Ratio Lower Upper
108 100
106 107.8 85.4 128.0
79 20.3 16.5 24.7

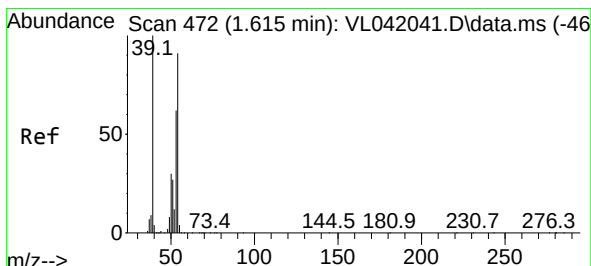
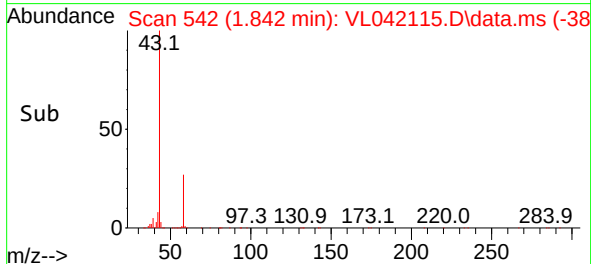
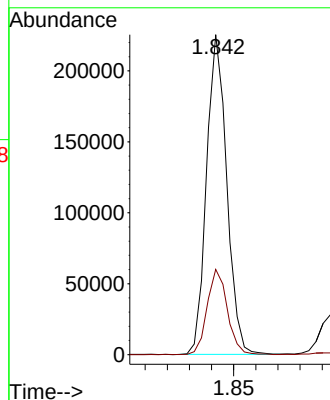
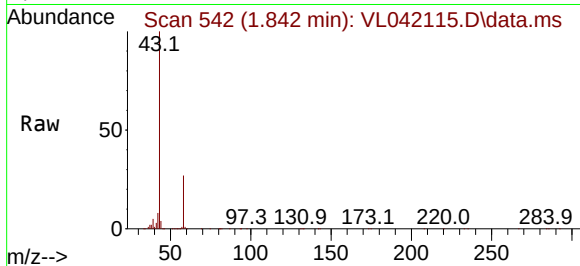




#15
Acetone
Concen: 9.824 ppbv
RT: 1.842 min Scan# 542
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

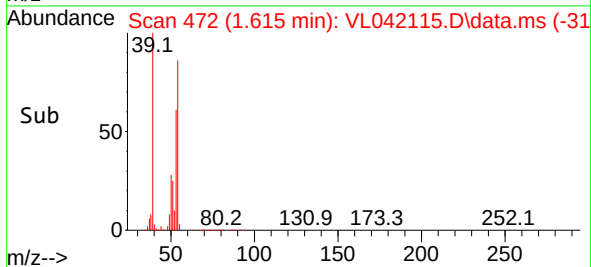
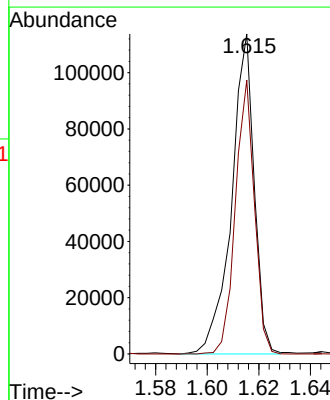
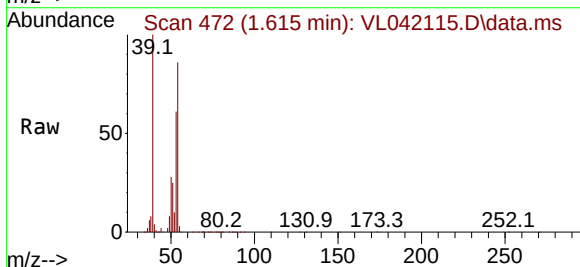
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

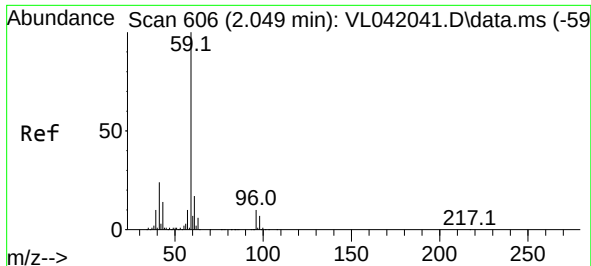
Tgt Ion: 43 Resp: 143215
Ion Ratio Lower Upper
43 100
58 26.8 20.7 31.1



#16
1,3-Butadiene
Concen: 10.258 ppbv
RT: 1.615 min Scan# 472
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion: 39 Resp: 69593
Ion Ratio Lower Upper
39 100
54 71.8 59.6 89.4





#17

tert-Butyl alcohol

Concen: 8.763 ppbv

RT: 2.049 min Scan# 606

Delta R.T. -0.000 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

Instrument :

MSVOA_1

ClientSampleId :

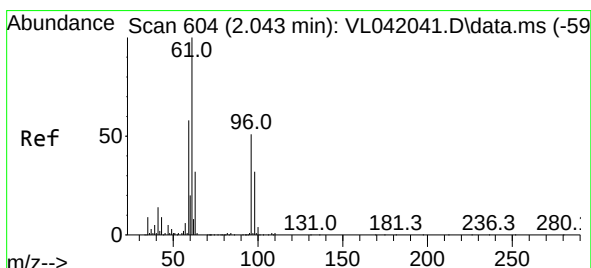
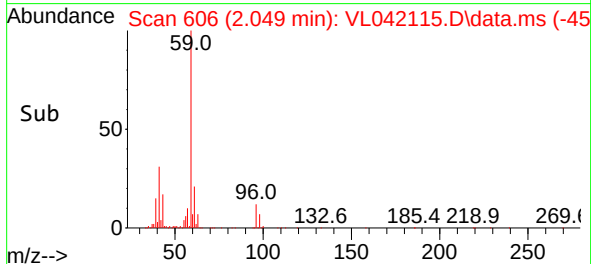
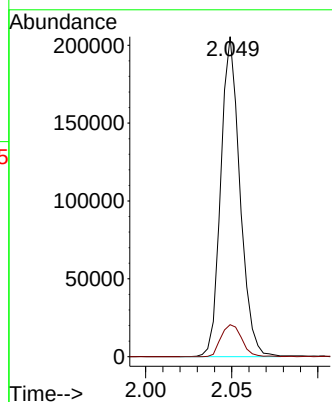
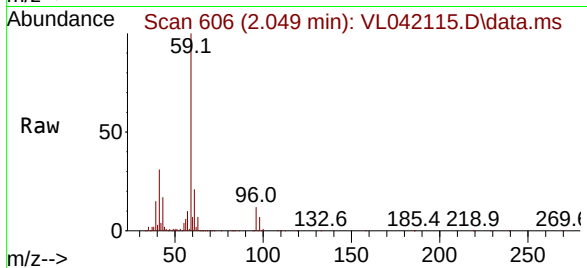
VSTDCCC010

Tgt Ion: 59 Resp: 159834

Ion Ratio Lower Upper

59 100

57 11.1 9.3 13.9



#18

1,1-Dichloroethene

Concen: 9.687 ppbv

RT: 2.043 min Scan# 604

Delta R.T. -0.000 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

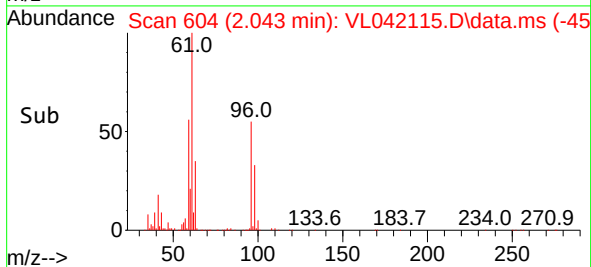
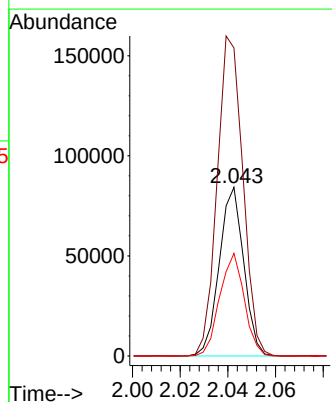
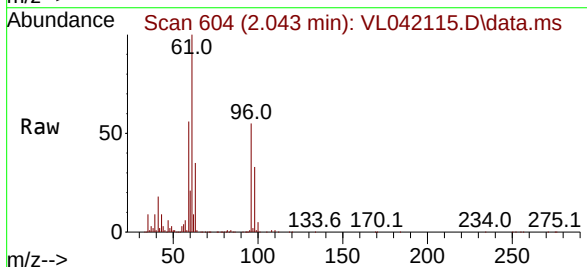
Tgt Ion: 96 Resp: 60058

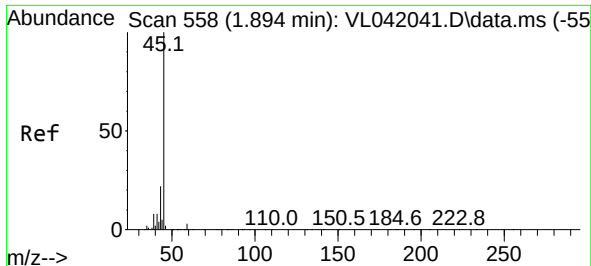
Ion Ratio Lower Upper

96 100

61 182.6 156.0 234.0

98 60.8 49.4 74.2

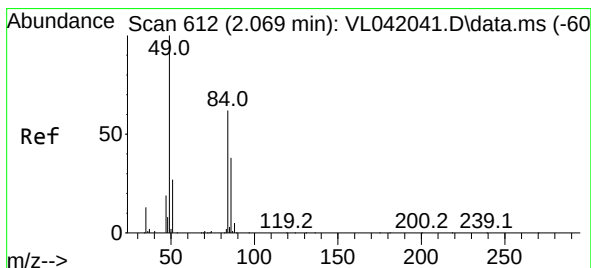
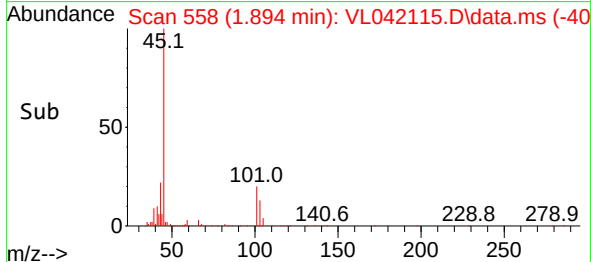
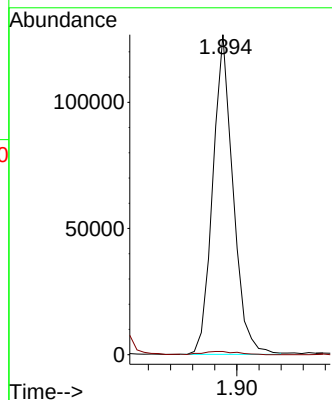
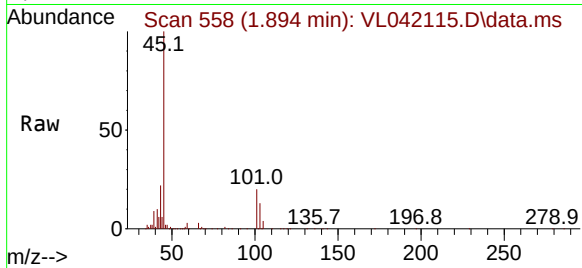




#19
Isopropyl Alcohol
Concen: 9.648 ppbv
RT: 1.894 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

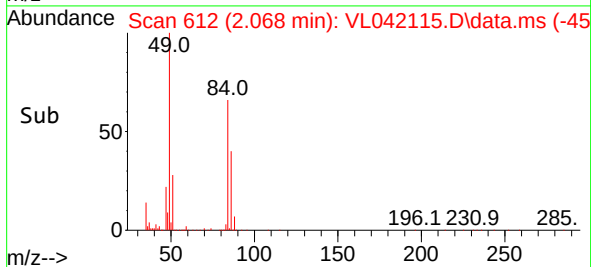
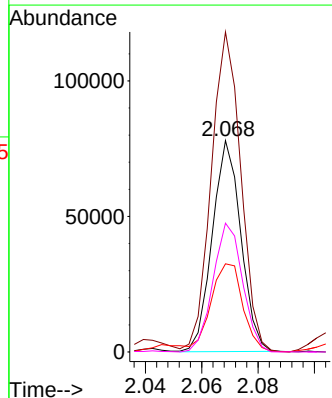
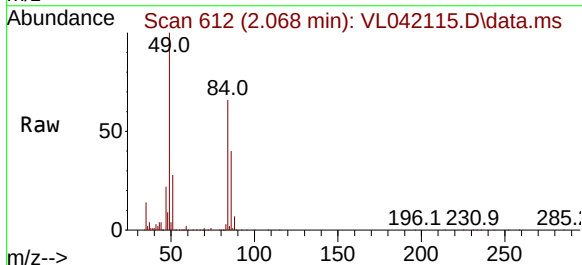
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

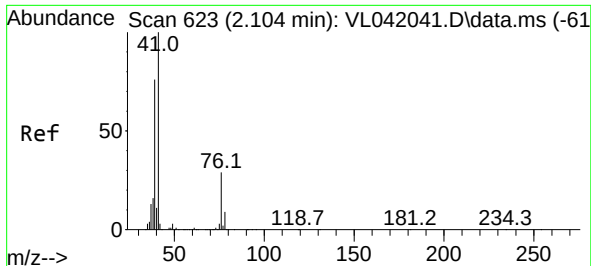
Tgt Ion: 45 Resp: 80799
Ion Ratio Lower Upper
45 100
58 47.5 35.3 52.9



#20
Methylene Chloride
Concen: 9.961 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion: 84 Resp: 54929
Ion Ratio Lower Upper
84 100
49 151.6 130.0 195.0
51 41.6 37.4 56.0
86 61.1 48.6 72.8

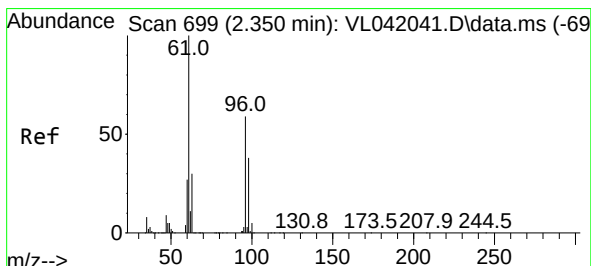
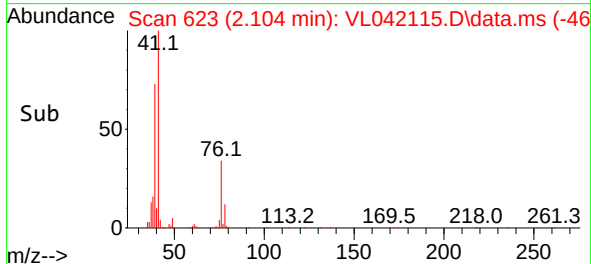
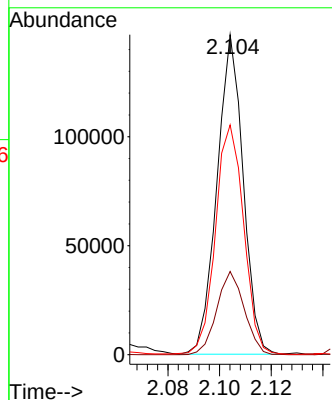
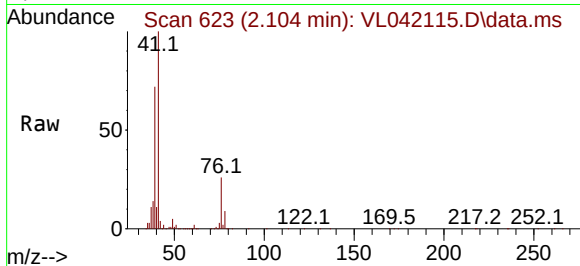




#21
 Allyl Chloride
 Concen: 9.796 ppbv
 RT: 2.104 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL042115.D
 Acq: 10 Mar 2025 09:08

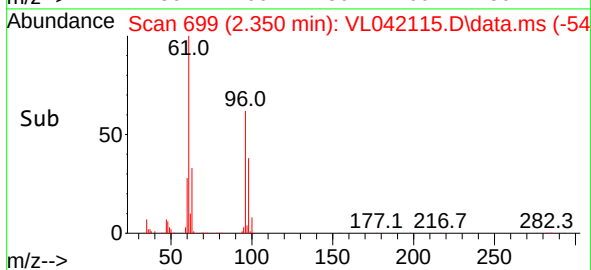
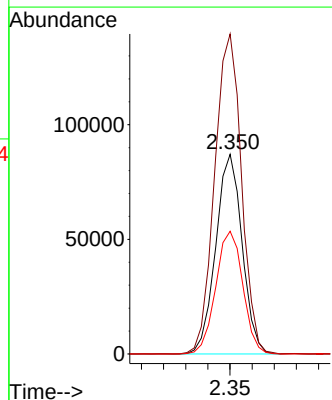
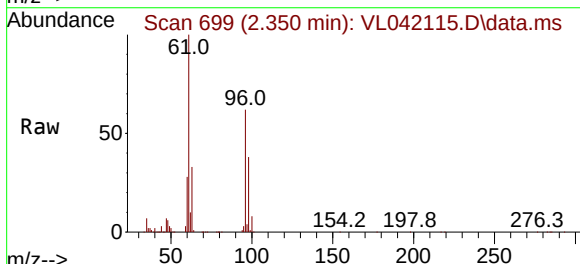
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

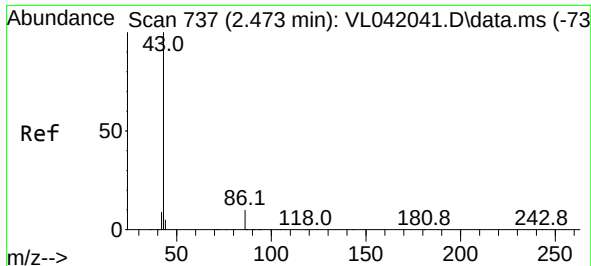
Tgt Ion: 41 Resp: 103183
 Ion Ratio Lower Upper
 41 100
 76 27.3 23.8 35.6
 39 77.0 63.8 95.6



#22
 trans-1,2-Dichloroethene
 Concen: 9.970 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. -0.000 min
 Lab File: VL042115.D
 Acq: 10 Mar 2025 09:08

Tgt Ion: 96 Resp: 72057
 Ion Ratio Lower Upper
 96 100
 61 160.3 136.6 205.0
 98 61.5 51.8 77.6

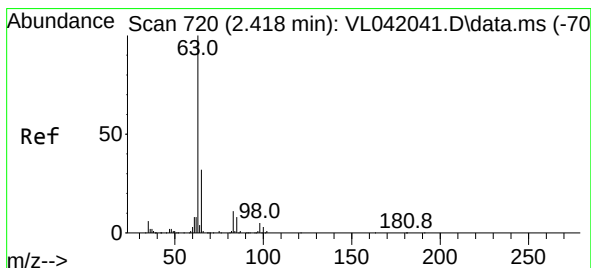
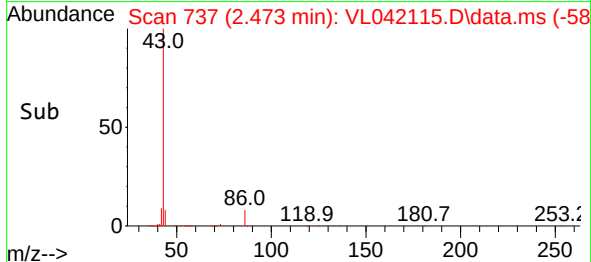
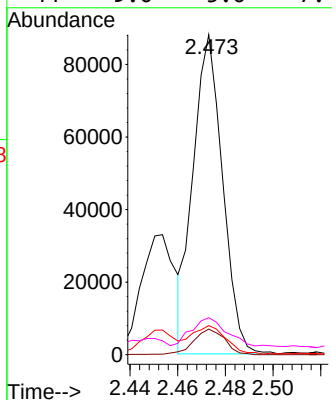
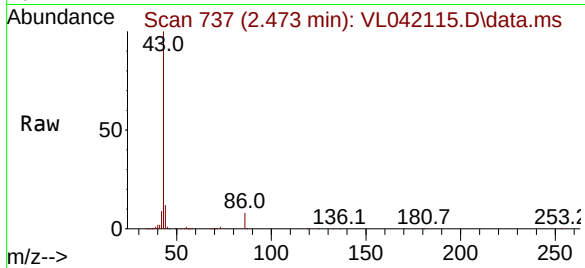




#23
 Vinyl Acetate
 Concen: 7.358 ppbv
 RT: 2.473 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL042115.D
 Acq: 10 Mar 2025 09:08

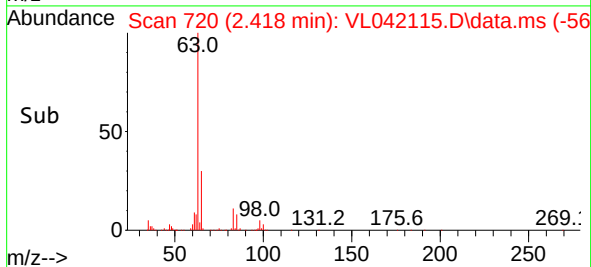
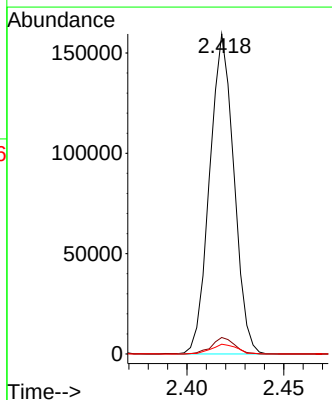
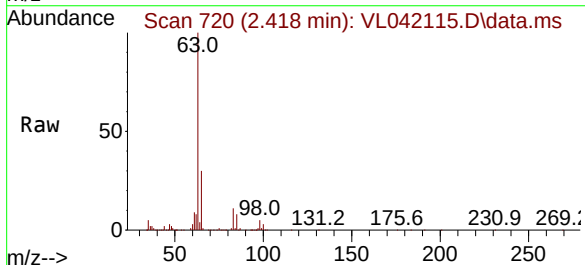
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

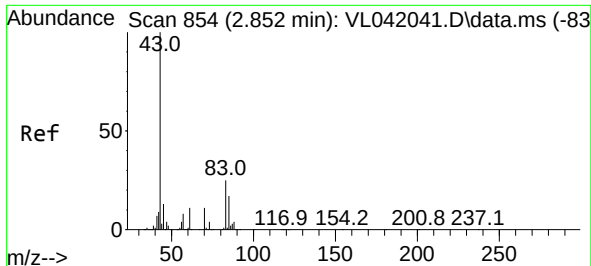
Tgt Ion:	43	Resp:	75424
Ion	Ratio	Lower	Upper
43	100		
86	8.0	7.0	10.4
42	8.8	7.6	11.4
44	9.0	5.0	7.4



#24
 1,1-Dichloroethane
 Concen: 10.354 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.000 min
 Lab File: VL042115.D
 Acq: 10 Mar 2025 09:08

Tgt Ion:	63	Resp:	139243
Ion	Ratio	Lower	Upper
63	100		
98	5.1	2.4	7.2
100	3.0	1.7	5.0

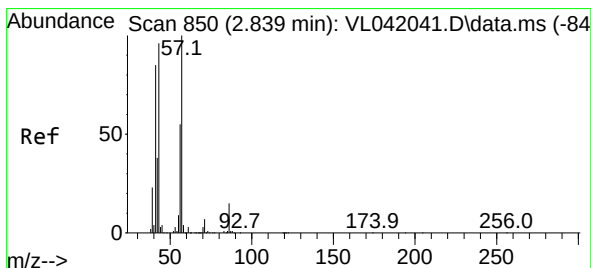
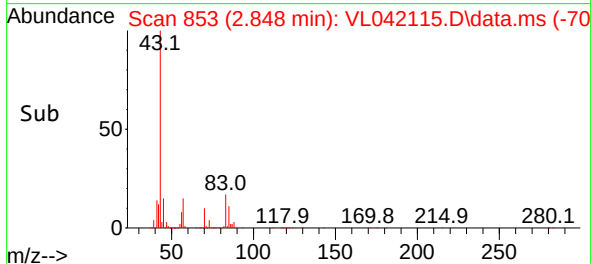
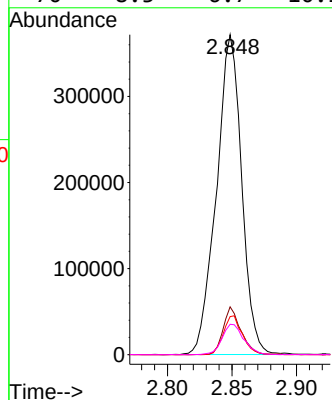
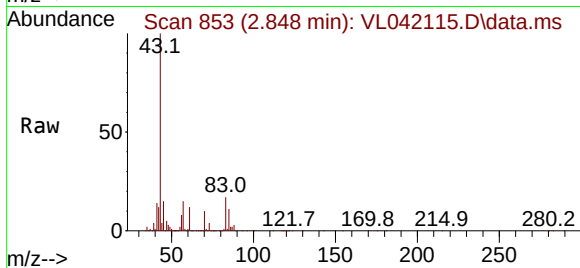




#25
Ethyl Acetate
Concen: 8.638 ppbv
RT: 2.848 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

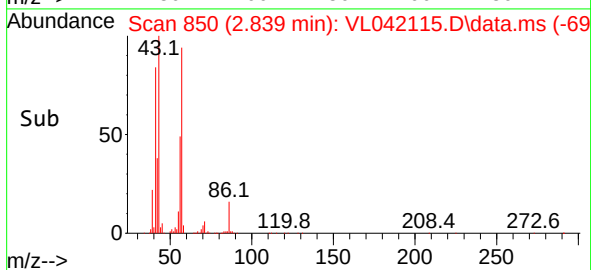
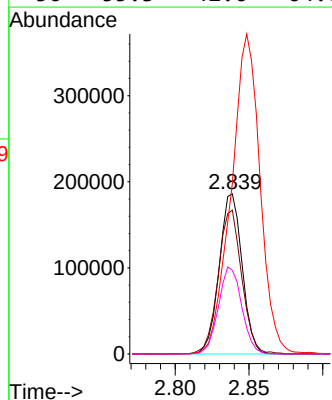
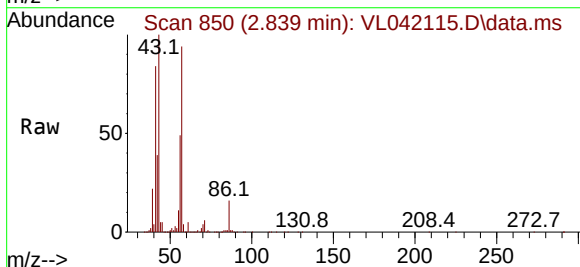
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

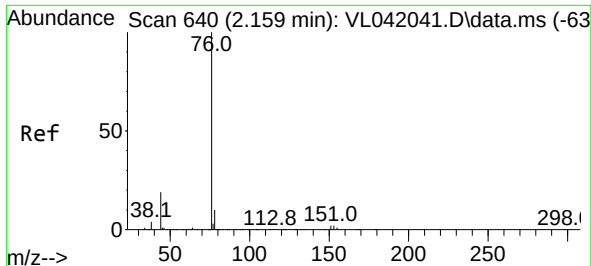
Tgt Ion: 43	Resp: 504073
Ion Ratio	Lower Upper
43 100	
45 10.5	8.1 12.1
61 9.3	7.2 10.8
70 8.3	6.7 10.1



#26
Hexane
Concen: 8.485 ppbv
RT: 2.839 min Scan# 850
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion: 57	Resp: 200177
Ion Ratio	Lower Upper
57 100	
41 93.5	70.6 106.0
43 252.6	199.4 299.0
56 55.3	42.6 64.0

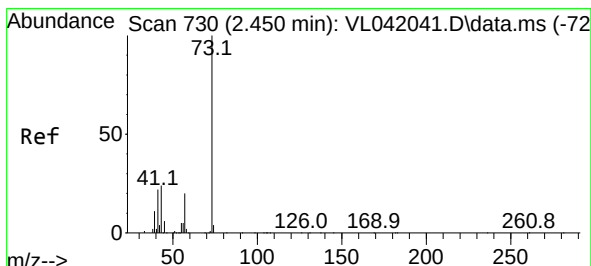
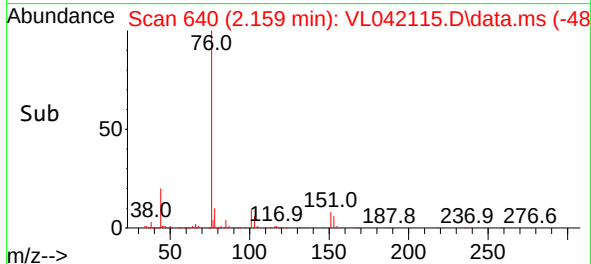
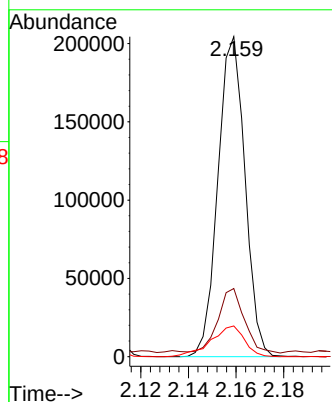
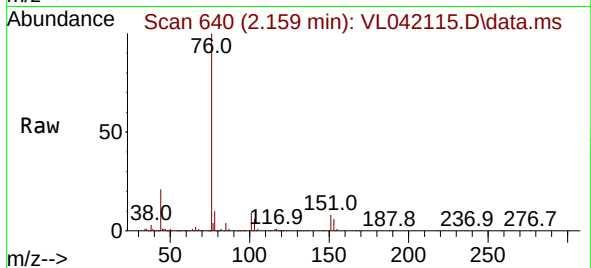




#27
Carbon Disulfide
Concen: 10.074 ppbv
RT: 2.159 min Scan# 640
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

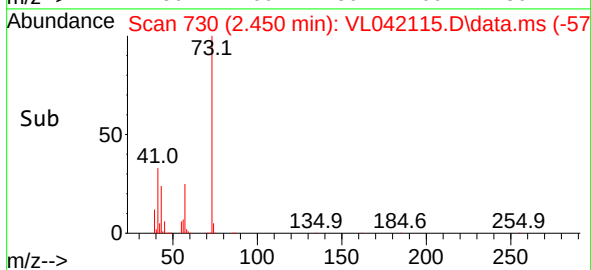
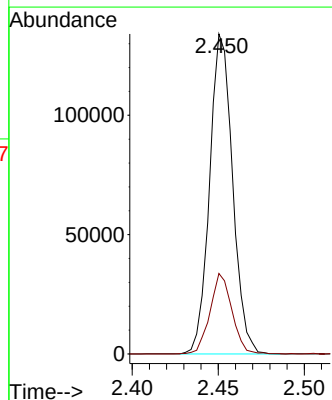
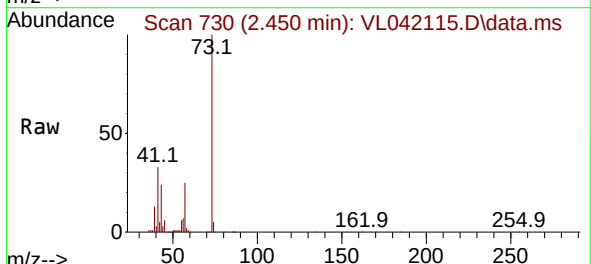
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

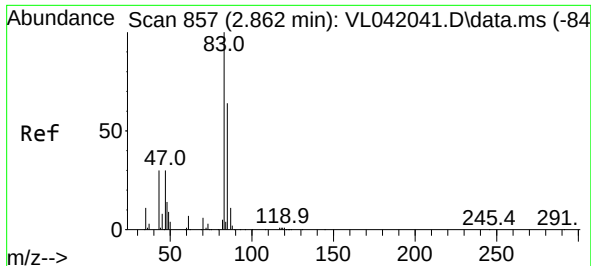
Tgt Ion: 76 Resp: 161105
Ion Ratio Lower Upper
76 100
44 19.9 16.2 24.2
78 11.9 9.4 14.0



#28
Methyl tert-Butyl Ether
Concen: 10.593 ppbv
RT: 2.450 min Scan# 730
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion: 73 Resp: 124414
Ion Ratio Lower Upper
73 100
57 24.2 17.7 26.5





#29

Chloroform

Concen: 8.771 ppbv

RT: 2.861 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

Instrument :

MSVOA_L

ClientSampleId :

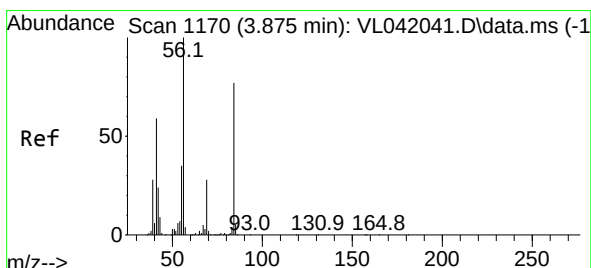
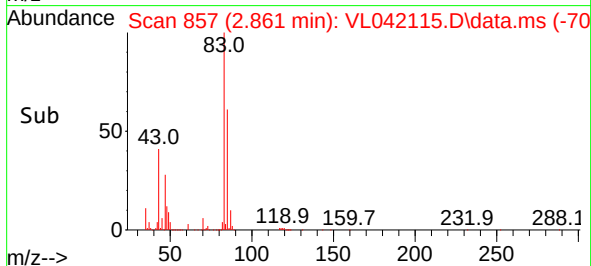
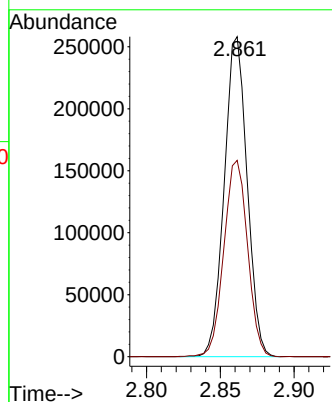
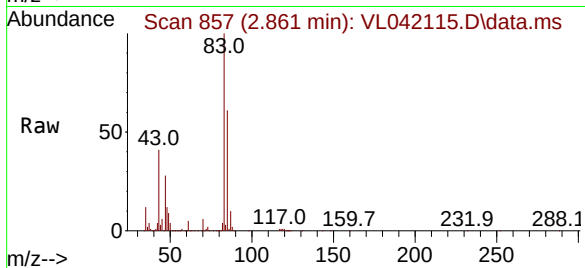
VSTDCCC010

Tgt Ion: 83 Resp: 278501

Ion Ratio Lower Upper

83 100

85 61.3 51.2 76.8



#30

Cyclohexane

Concen: 8.072 ppbv

RT: 3.874 min Scan# 1170

Delta R.T. -0.000 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

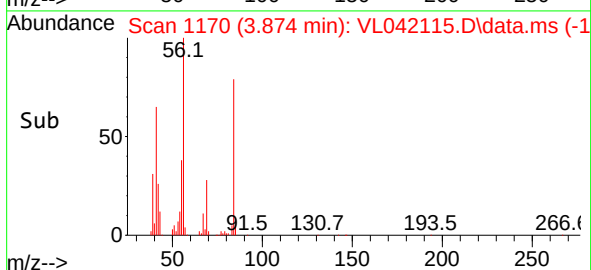
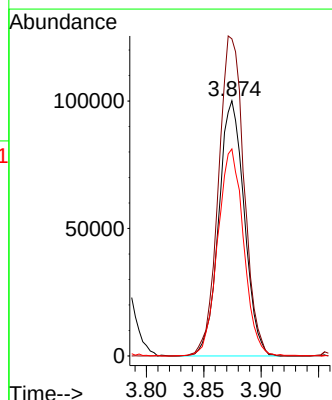
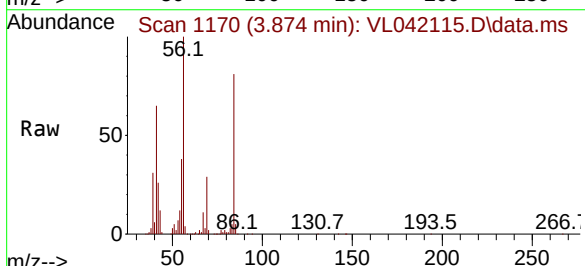
Tgt Ion: 84 Resp: 154573

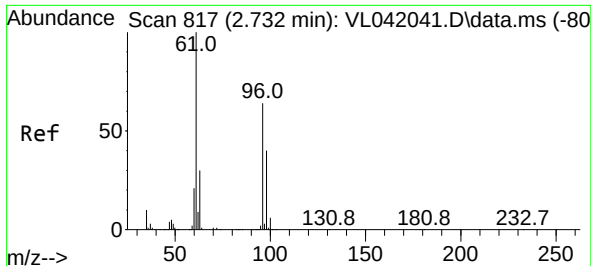
Ion Ratio Lower Upper

84 100

56 125.8 101.5 152.3

41 82.4 62.6 93.8

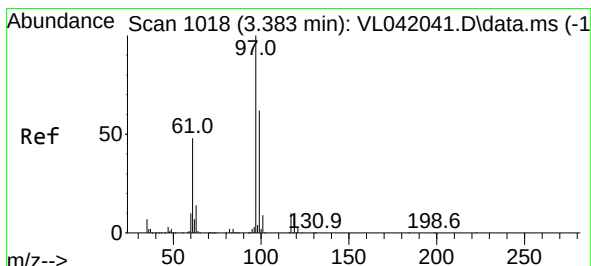
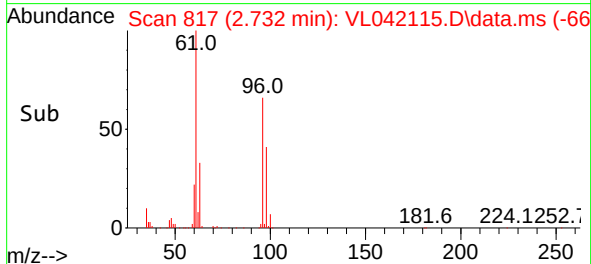
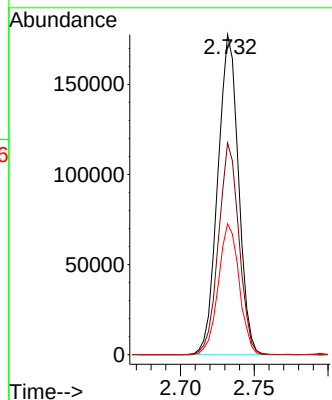
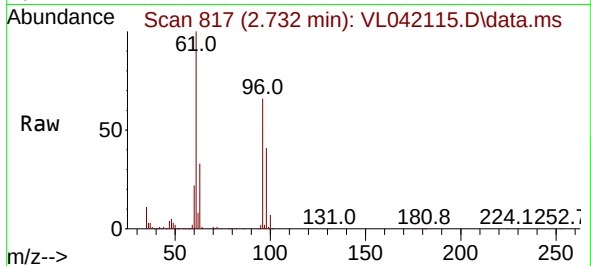




#31
 cis-1,2-Dichloroethene
 Concen: 7.774 ppbv
 RT: 2.732 min Scan# 817
 Delta R.T. -0.000 min
 Lab File: VL042115.D
 Acq: 10 Mar 2025 09:08

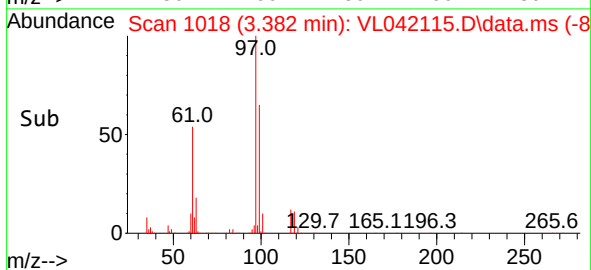
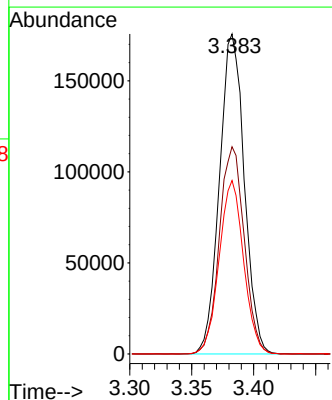
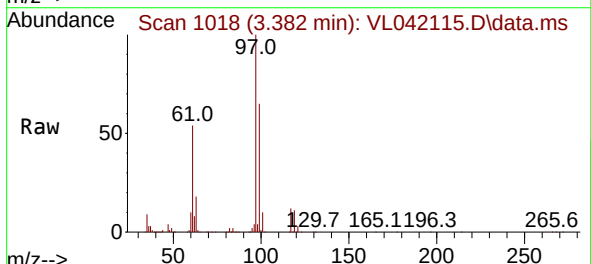
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

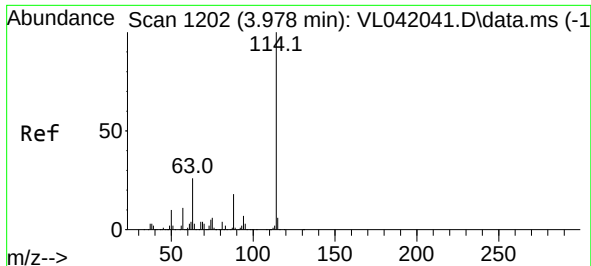
Tgt Ion: 61 Resp: 173603
 Ion Ratio Lower Upper
 61 100
 96 66.2 51.5 77.3
 98 40.9 32.0 48.0



#32
 1,1,1-Trichloroethane
 Concen: 7.957 ppbv
 RT: 3.382 min Scan# 1018
 Delta R.T. -0.000 min
 Lab File: VL042115.D
 Acq: 10 Mar 2025 09:08

Tgt Ion: 97 Resp: 245078
 Ion Ratio Lower Upper
 97 100
 99 65.1 49.8 74.6
 61 53.5 38.9 58.3

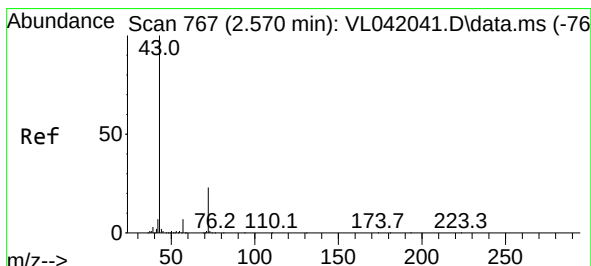
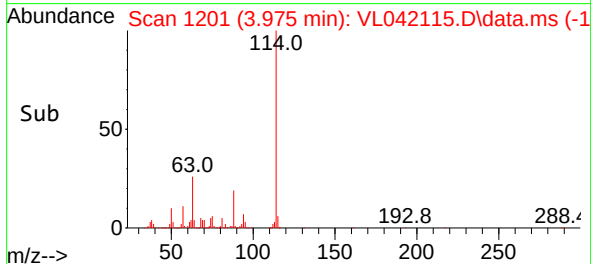
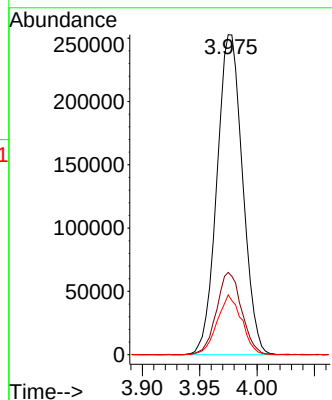
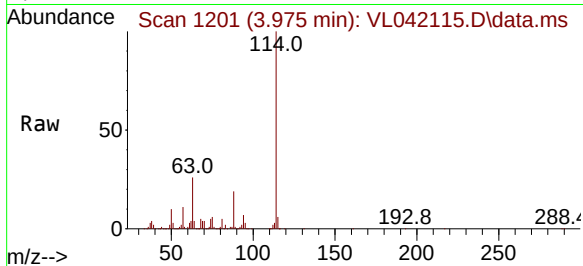




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

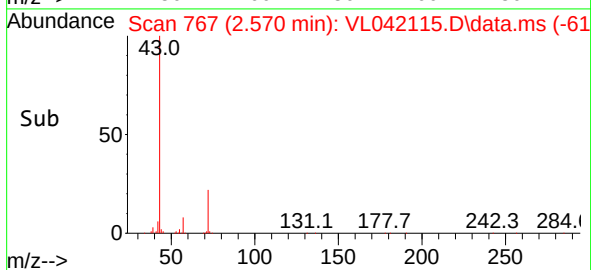
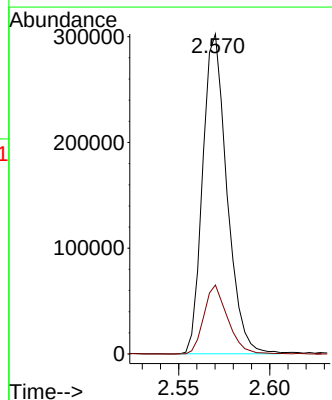
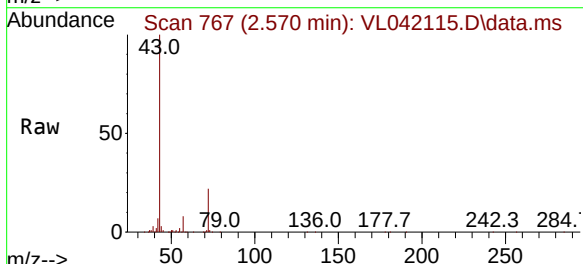
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

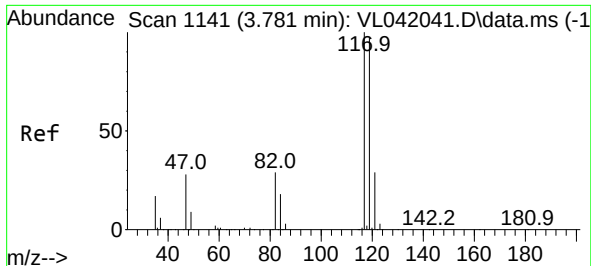
Tgt Ion:114 Resp: 392891
Ion Ratio Lower Upper
114 100
63 25.2 20.1 30.1
88 17.8 14.3 21.5



#34
2-Butanone
Concen: 9.161 ppbv
RT: 2.570 min Scan# 767
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion: 43 Resp: 280396
Ion Ratio Lower Upper
43 100
72 21.2 18.5 27.7

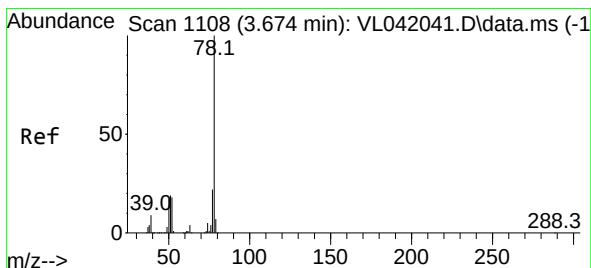
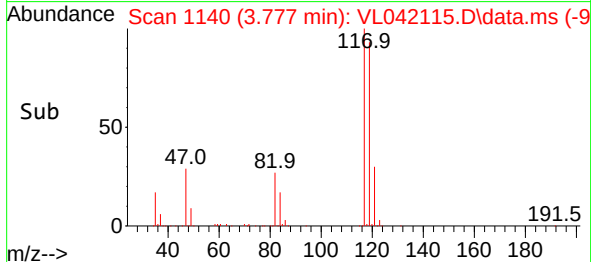
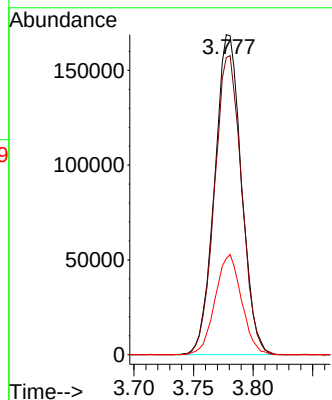
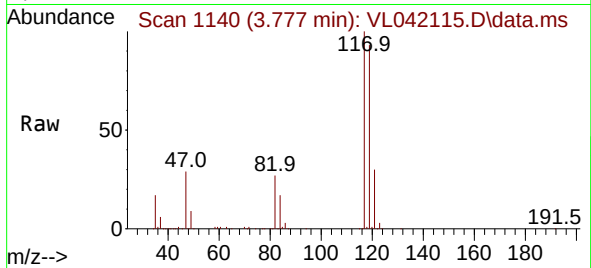




#35
Carbon Tetrachloride
Concen: 9.725 ppbv
RT: 3.777 min Scan# 1140
Delta R.T. -0.003 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

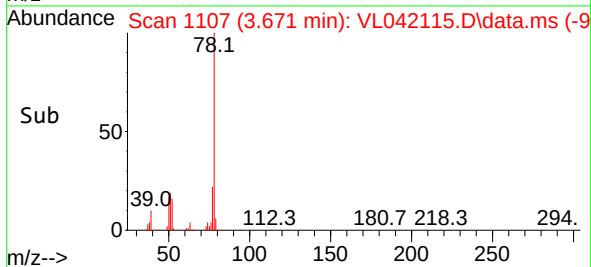
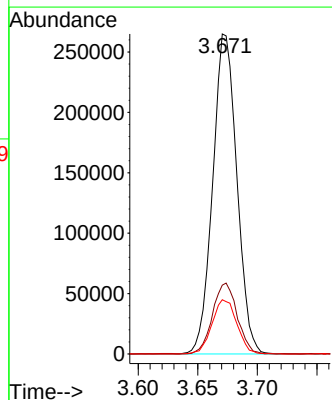
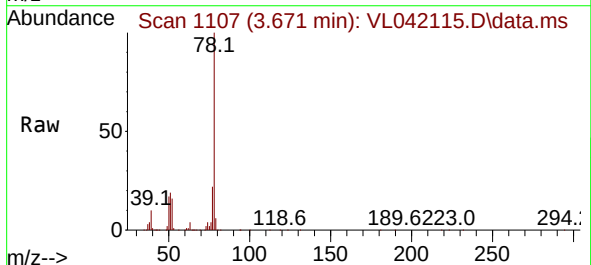
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

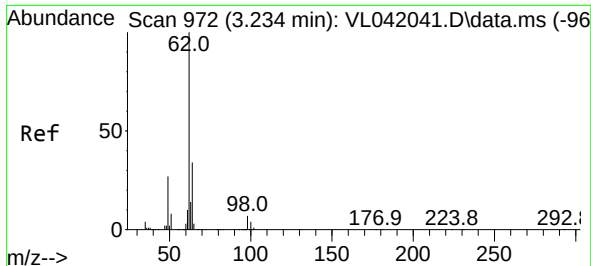
Tgt Ion:117 Resp: 263471
Ion Ratio Lower Upper
117 100
119 92.8 77.8 116.8
121 30.1 23.4 35.0



#36
Benzene
Concen: 9.084 ppbv
RT: 3.671 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion: 78 Resp: 373628
Ion Ratio Lower Upper
78 100
77 21.5 17.7 26.5
50 17.0 13.9 20.9





#37

1,2-Dichloroethane

Concen: 8.665 ppbv

RT: 3.234 min Scan# 91

Delta R.T. -0.000 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

Instrument :

MSVOA_L

ClientSampleId :

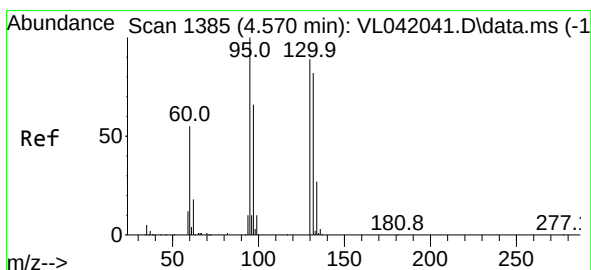
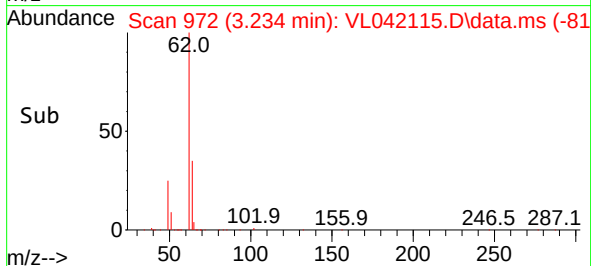
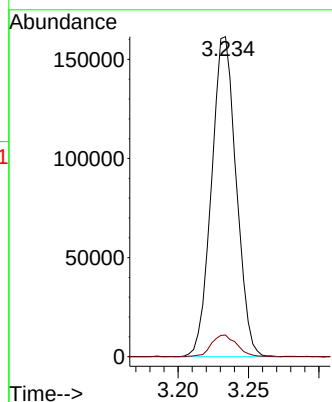
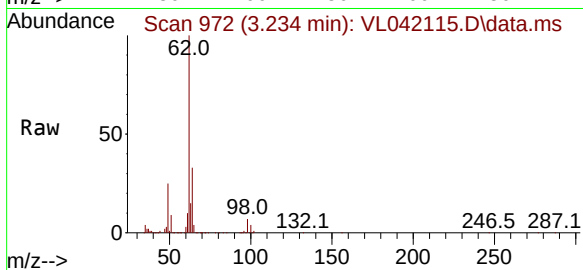
VSTDCCC010

Tgt Ion: 62 Resp: 197592

Ion Ratio Lower Upper

62 100

98 7.0 5.7 8.5



#38

Trichloroethene

Concen: 8.419 ppbv

RT: 4.567 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

Tgt Ion:130 Resp: 141399

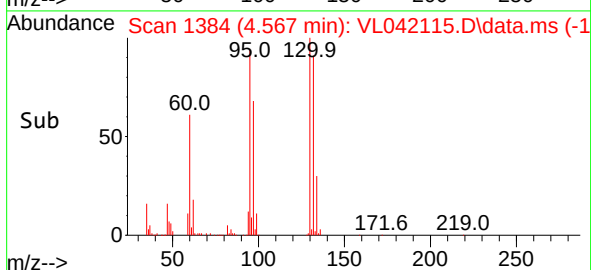
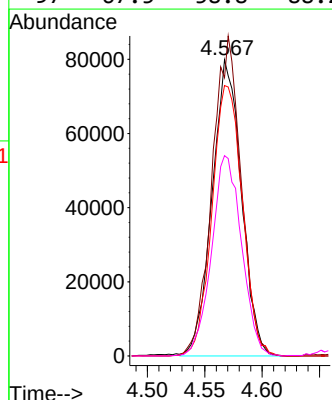
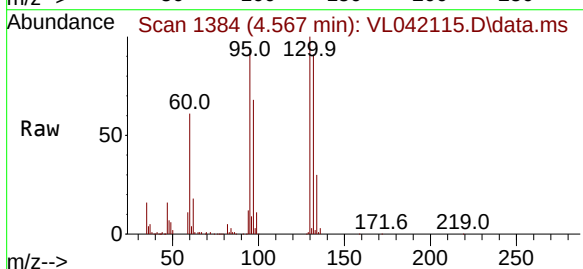
Ion Ratio Lower Upper

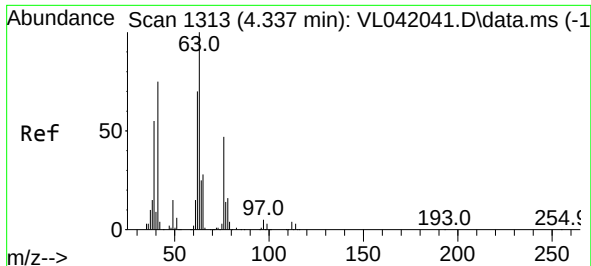
130 100

95 93.7 89.5 134.3

132 91.2 73.8 110.6

97 67.5 58.8 88.2





#39

1,2-Dichloropropane

Concen: 9.199 ppbv

RT: 4.331 min Scan# 1311

Delta R.T. -0.007 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

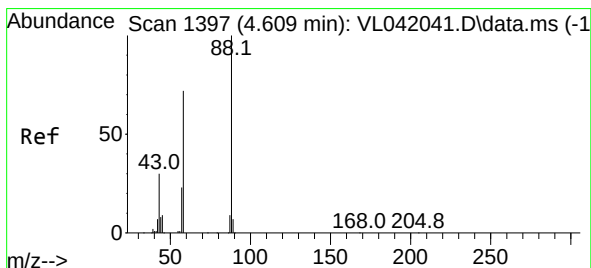
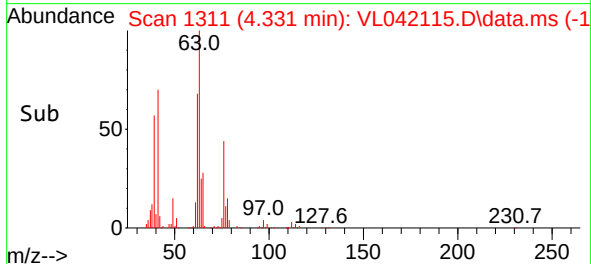
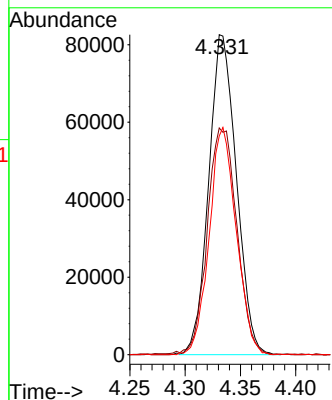
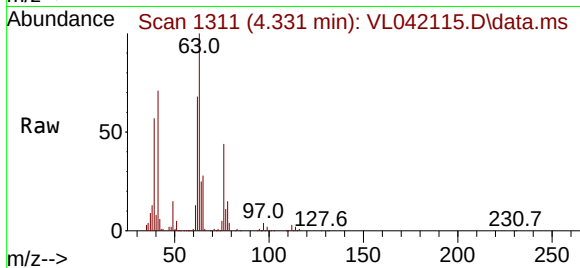
Tgt Ion: 63 Resp: 143609

Ion Ratio Lower Upper

63 100

41 70.7 60.1 90.1

62 68.2 55.8 83.8



#40

1,4-Dioxane

Concen: 9.311 ppbv

RT: 4.609 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

Tgt Ion: 88 Resp: 66354

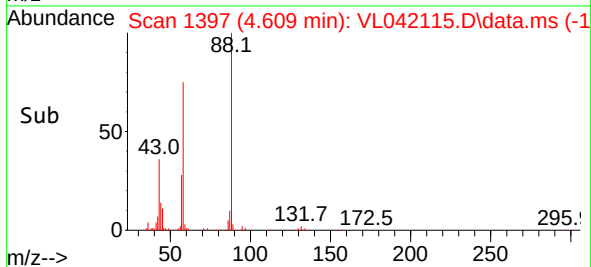
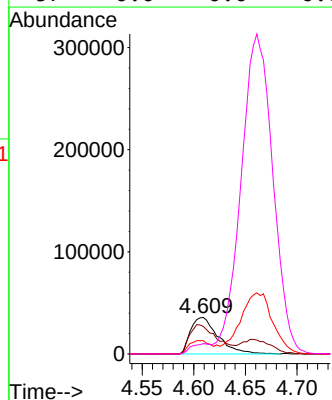
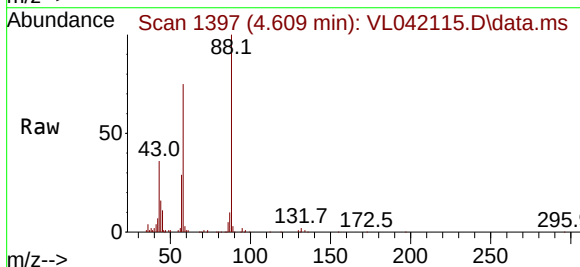
Ion Ratio Lower Upper

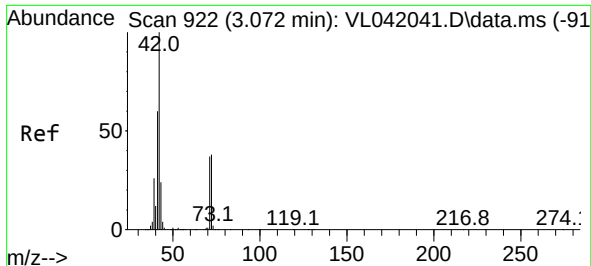
88 100

58 80.5 62.6 94.0

43 28.7 0.0 0.0#

57 0.0 0.0 0.0

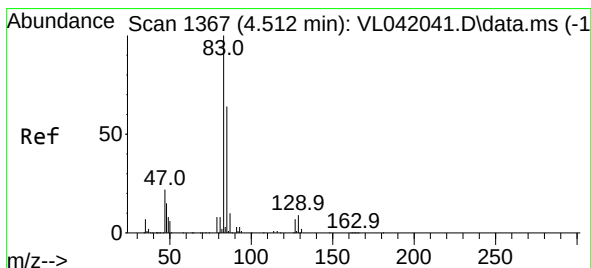
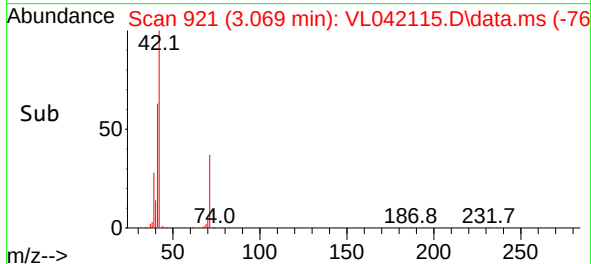
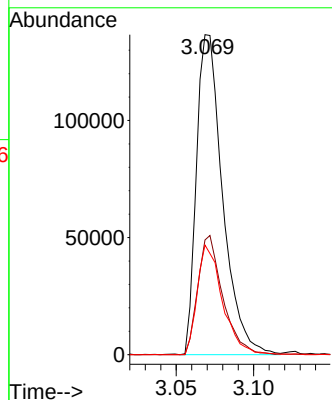
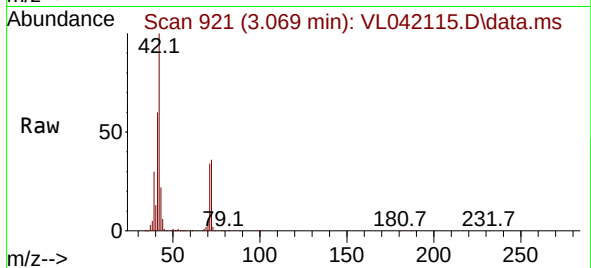




#41
Tetrahydrofuran
Concen: 8.893 ppbv
RT: 3.069 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

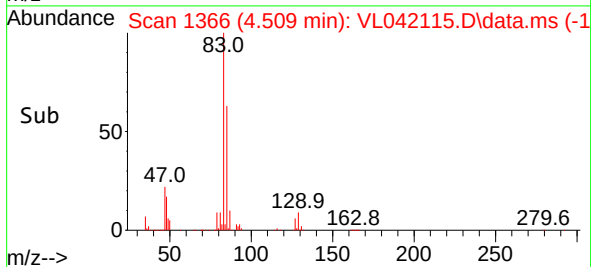
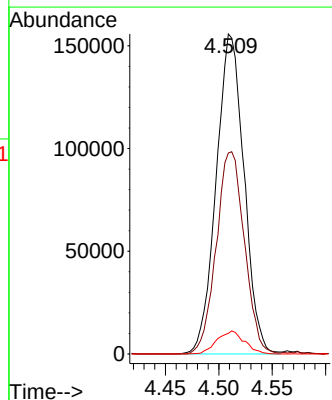
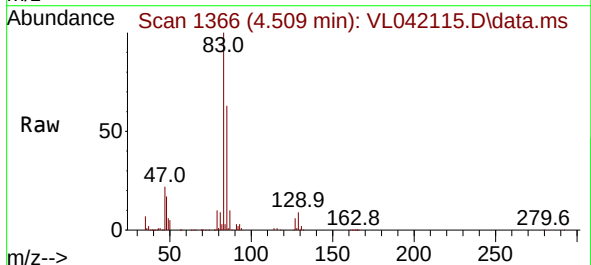
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

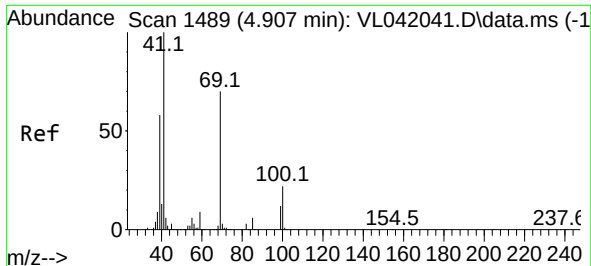
Tgt Ion: 42 Resp: 160836
Ion Ratio Lower Upper
42 100
72 35.5 30.2 45.2
71 33.0 28.2 42.4



#42
Bromodichloromethane
Concen: 9.180 ppbv
RT: 4.509 min Scan# 1366
Delta R.T. -0.003 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion: 83 Resp: 282060
Ion Ratio Lower Upper
83 100
85 62.7 51.4 77.2
127 6.5 5.8 8.6

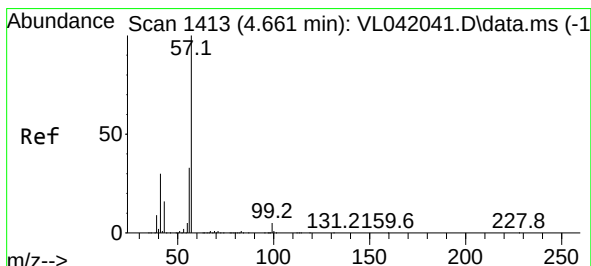
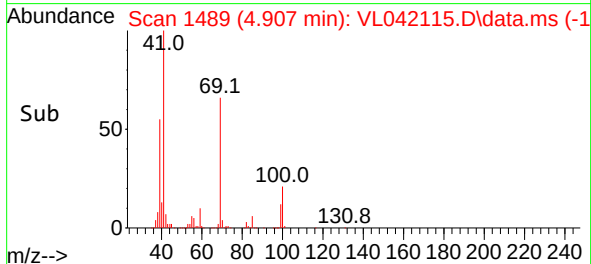
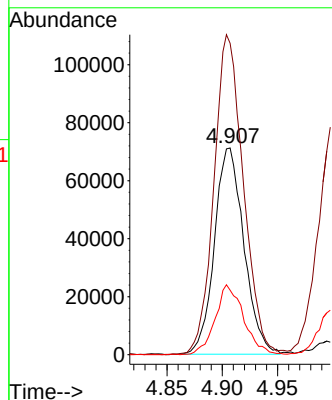
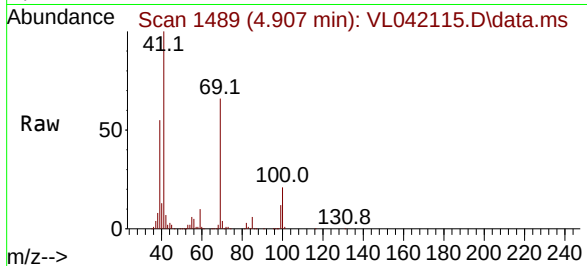




#43
Methyl Methacrylate
Concen: 8.207 ppbv
RT: 4.907 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

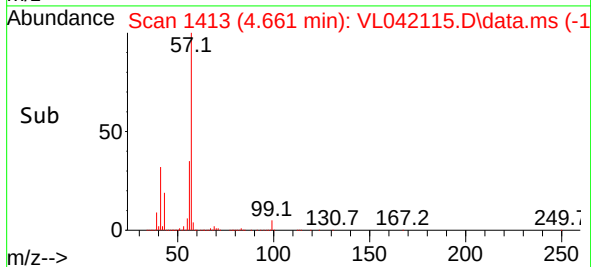
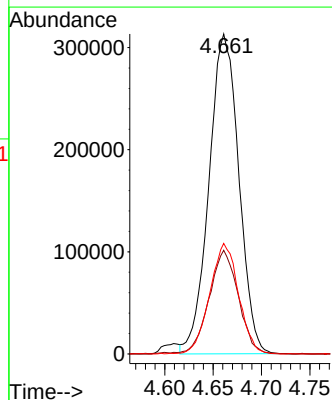
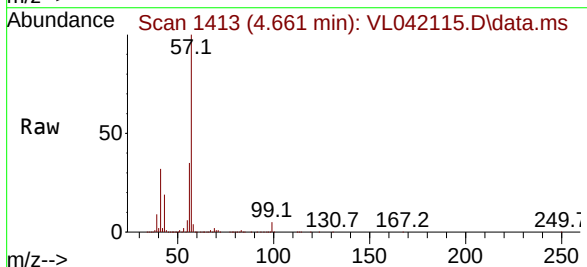
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

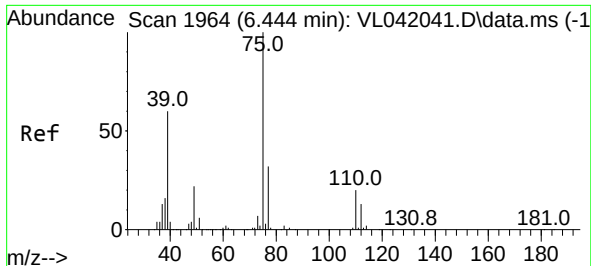
Tgt Ion: 69 Resp: 131818
Ion Ratio Lower Upper
69 100
41 155.0 118.2 177.4
100 32.8 27.0 40.4



#44
2,2,4-Trimethylpentane
Concen: 9.271 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion: 57 Resp: 672958
Ion Ratio Lower Upper
57 100
41 32.1 24.4 36.6
56 33.4 26.5 39.7





#45

t-1,3-Dichloropropene

Concen: 7.547 ppbv

RT: 6.441 min Scan# 1964

Delta R.T. -0.003 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

Instrument :

MSVOA_L

ClientSampleId :

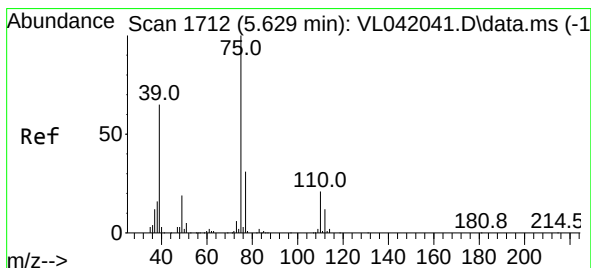
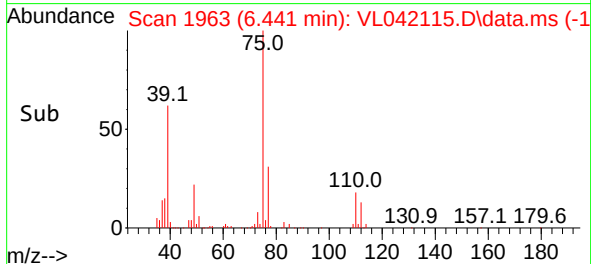
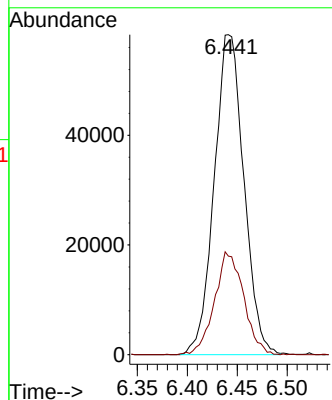
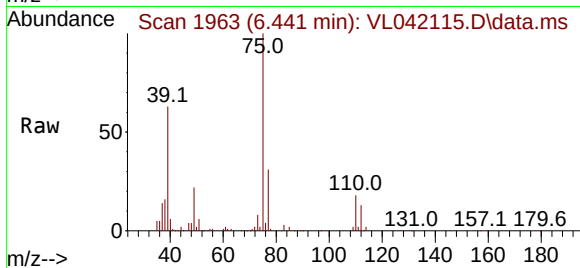
VSTDCCC010

Tgt Ion: 75 Resp: 120441

Ion Ratio Lower Upper

75 100

77 30.8 25.9 38.9



#46

cis-1,3-Dichloropropene

Concen: 8.174 ppbv

RT: 5.625 min Scan# 1711

Delta R.T. -0.003 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

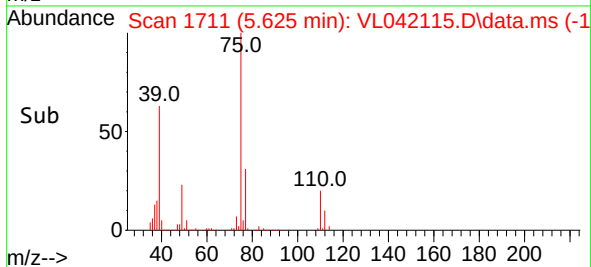
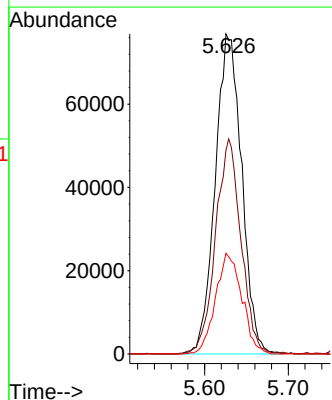
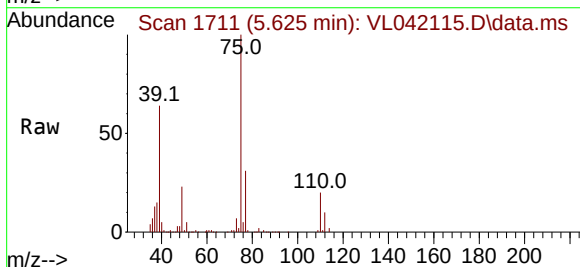
Tgt Ion: 75 Resp: 168796

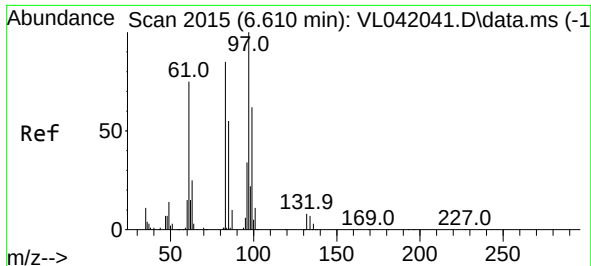
Ion Ratio Lower Upper

75 100

39 63.4 51.9 77.9

77 31.4 24.9 37.3





#47

1,1,2-Trichloroethane

Concen: 9.147 ppbv m

RT: 6.603 min Scan# 2015

Delta R.T. -0.007 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 144966

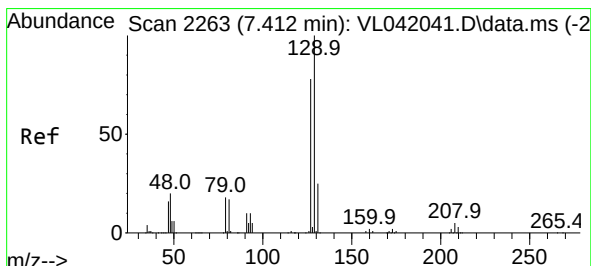
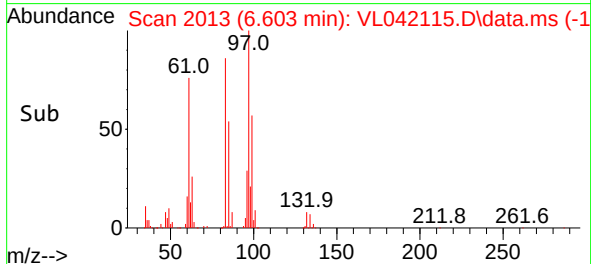
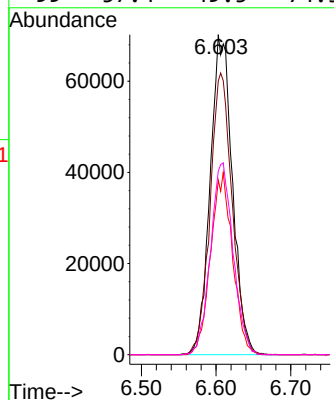
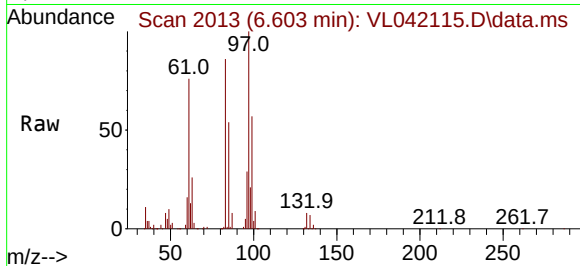
Ion Ratio Lower Upper

97 100

83 85.6 68.1 102.1

85 54.5 44.0 66.0

99 57.4 49.5 74.3



#48

Dibromochloromethane

Concen: 9.006 ppbv

RT: 7.406 min Scan# 2261

Delta R.T. -0.007 min

Lab File: VL042115.D

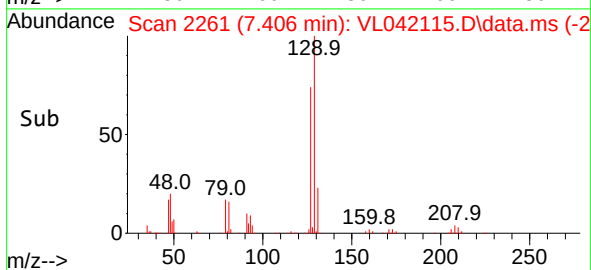
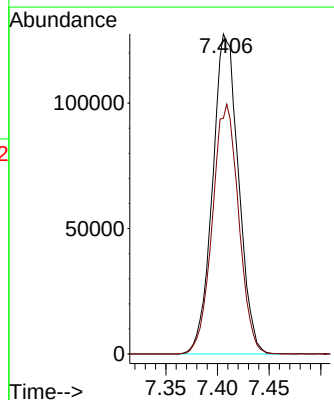
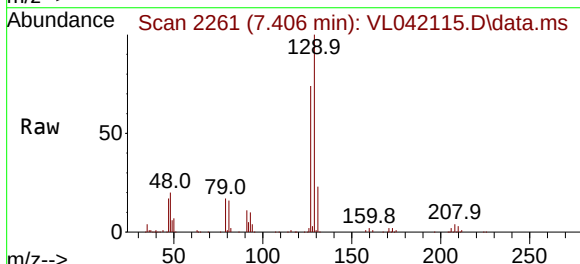
Acq: 10 Mar 2025 09:08

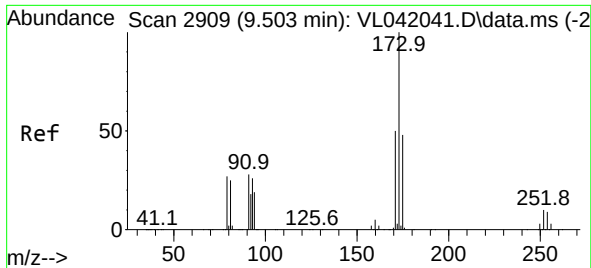
Tgt Ion: 129 Resp: 223556

Ion Ratio Lower Upper

129 100

127 78.7 38.6 115.8

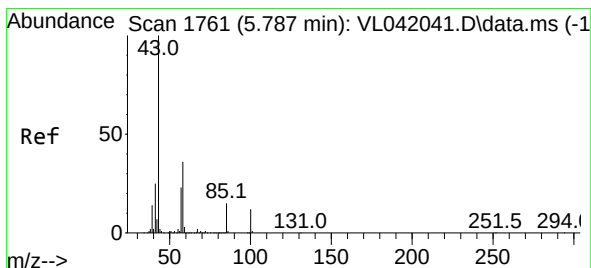
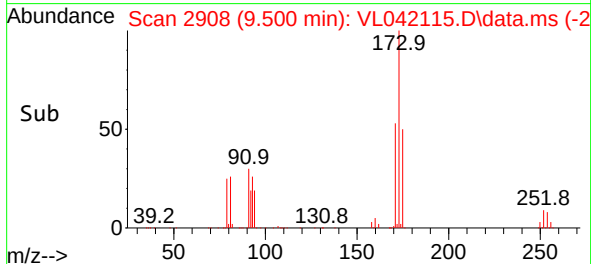
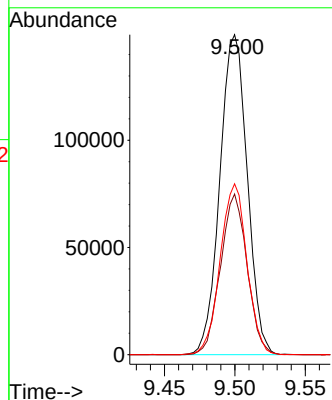
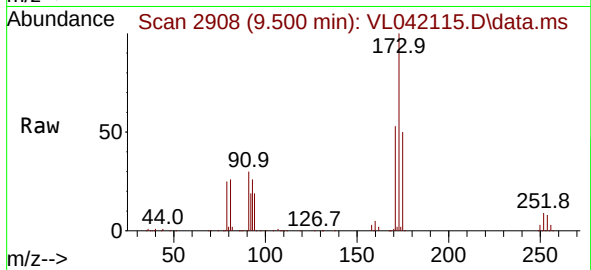




#49
Bromoform
Concen: 9.404 ppbv
RT: 9.500 min Scan# 2909
Delta R.T. -0.003 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

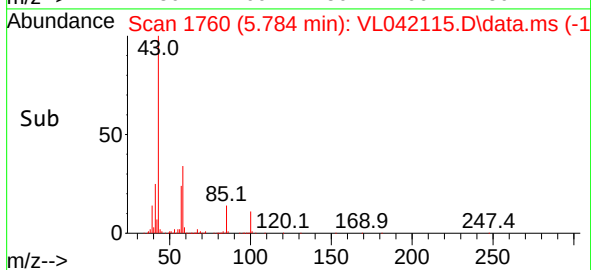
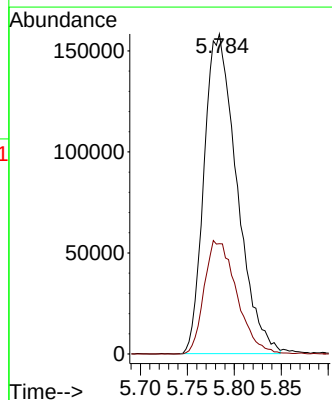
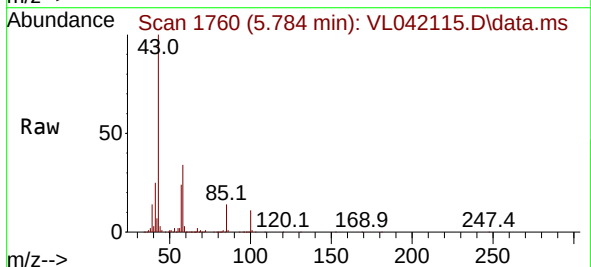
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

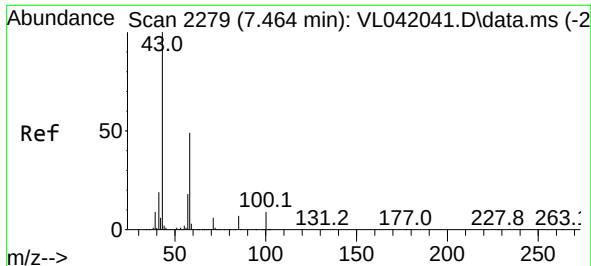
Tgt Ion:173 Resp: 202719
Ion Ratio Lower Upper
173 100
175 48.7 38.3 57.5
171 52.1 40.2 60.2



#50
4-Methyl-2-Pentanone
Concen: 9.703 ppbv
RT: 5.784 min Scan# 1760
Delta R.T. -0.003 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion: 43 Resp: 384115
Ion Ratio Lower Upper
43 100
58 35.2 29.3 43.9

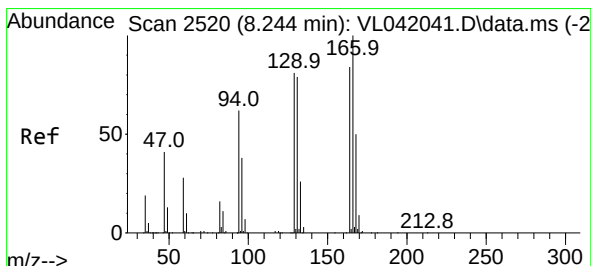
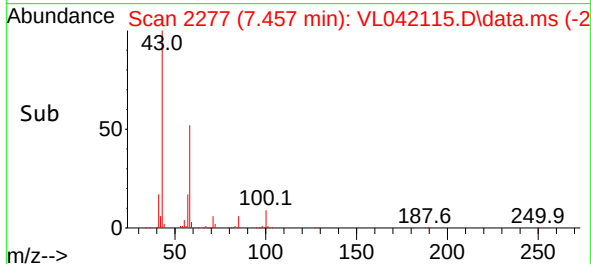
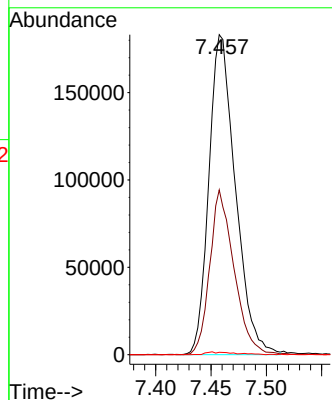
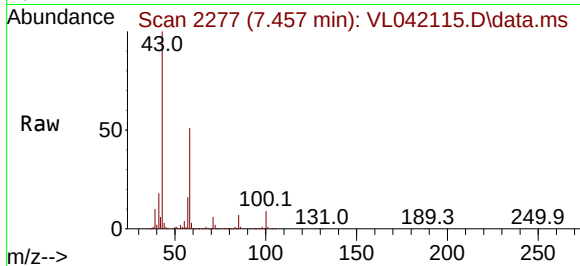




#51
2-Hexanone
Concen: 11.208 ppbv
RT: 7.457 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

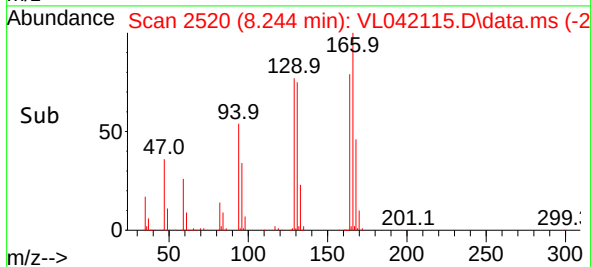
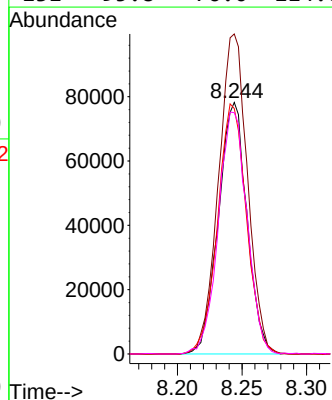
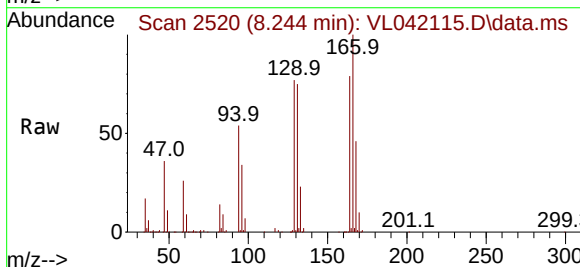
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

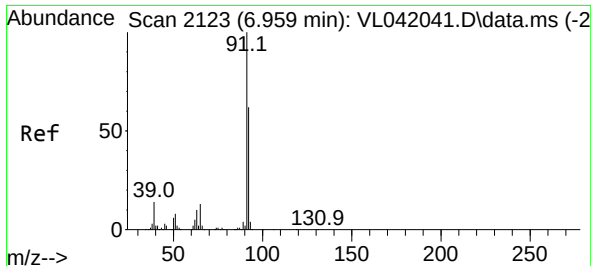
Tgt Ion: 43 Resp: 305375
Ion Ratio Lower Upper
43 100
58 47.2 39.0 58.6
98 1.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.529 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion:164 Resp: 120090
Ion Ratio Lower Upper
164 100
166 127.3 95.7 143.5
129 97.6 77.1 115.7
131 95.8 76.0 114.0

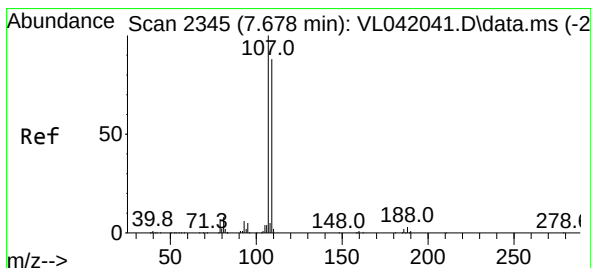
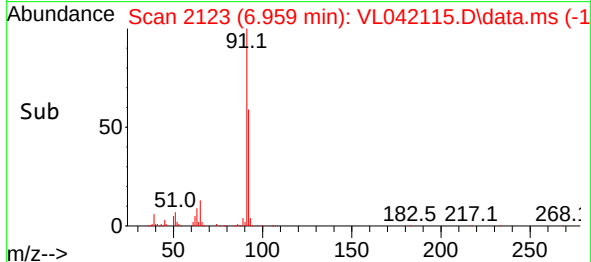
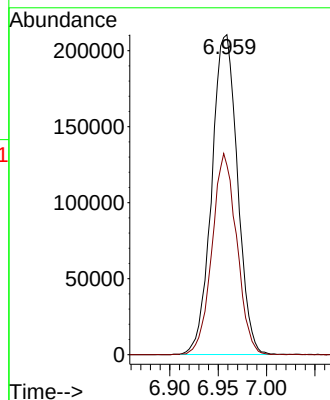
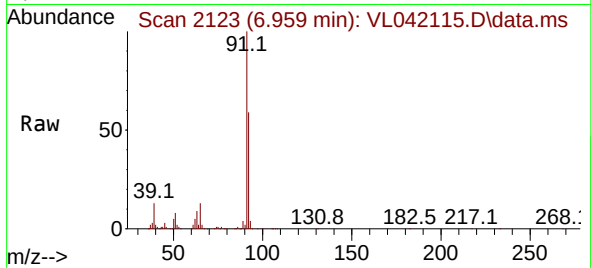




#53
Toluene
Concen: 8.453 ppbv
RT: 6.959 min Scan# 2123
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

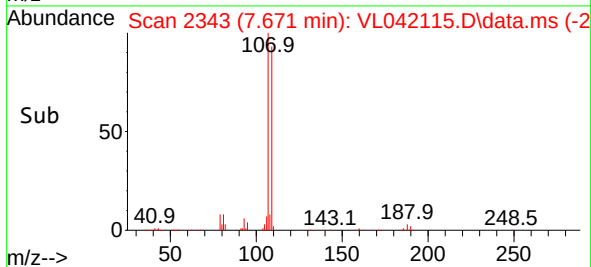
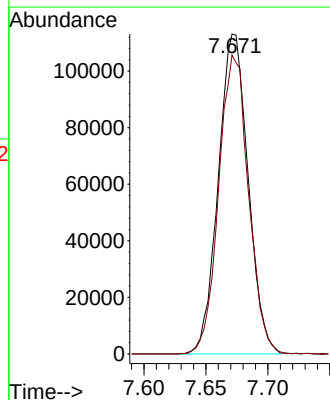
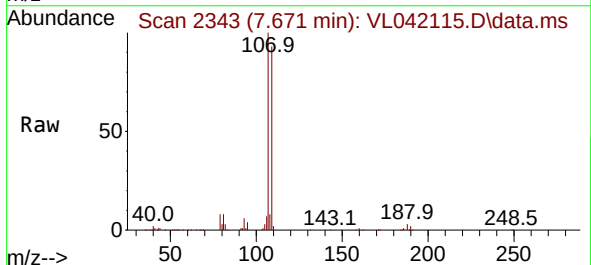
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

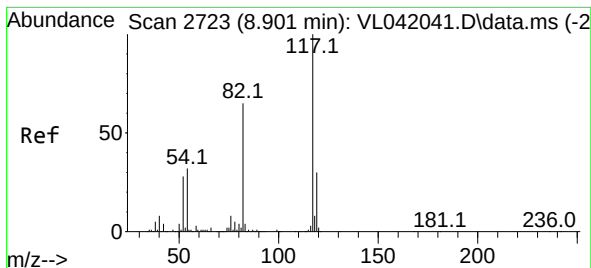
Tgt Ion: 91 Resp: 388571
Ion Ratio Lower Upper
91 100
92 60.5 49.0 73.6



#54
1,2-Dibromoethane
Concen: 8.851 ppbv
RT: 7.671 min Scan# 2343
Delta R.T. -0.007 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion: 107 Resp: 189652
Ion Ratio Lower Upper
107 100
109 93.3 70.2 105.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

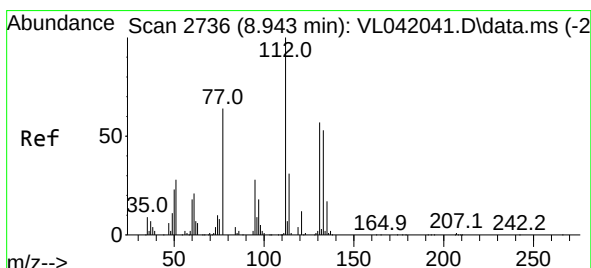
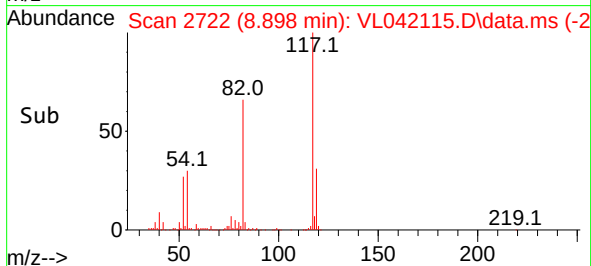
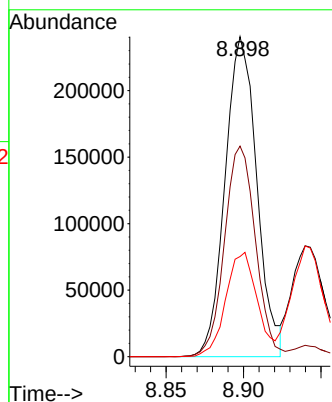
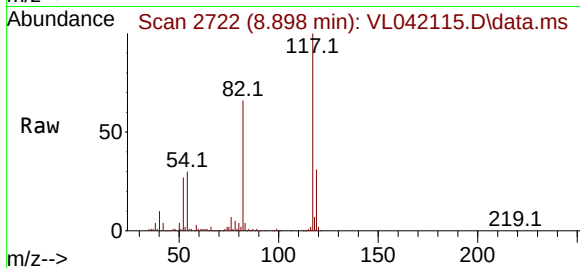
Tgt Ion:117 Resp: 342991

Ion Ratio Lower Upper

117 100

82 67.6 55.0 82.6

119 31.7 25.9 38.9



#56

1,1,1,2-Tetrachloroethane

Concen: 9.542 ppbv

RT: 8.943 min Scan# 2736

Delta R.T. -0.000 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

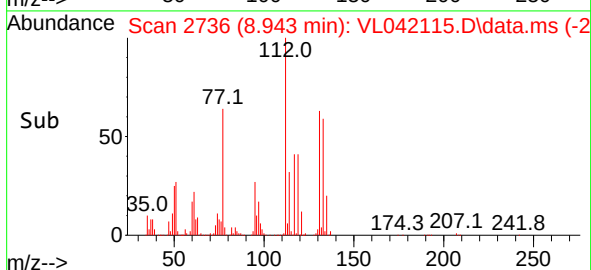
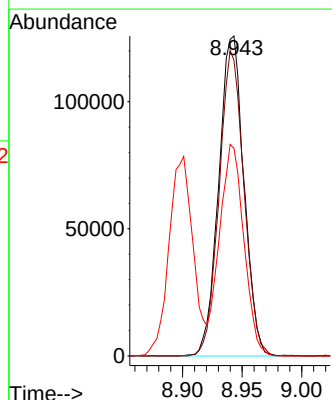
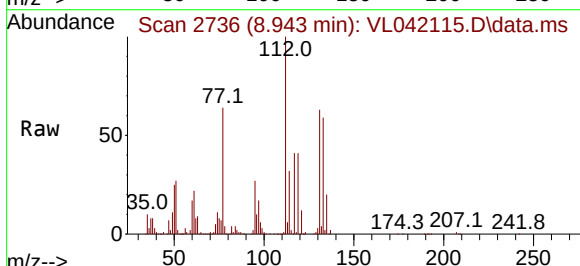
Tgt Ion:131 Resp: 184992

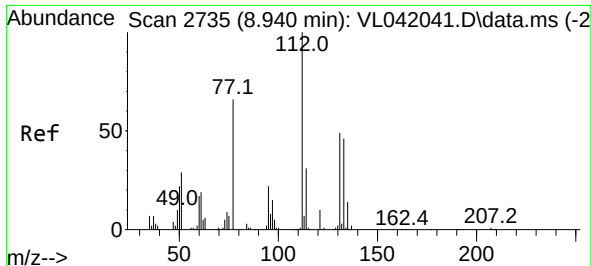
Ion Ratio Lower Upper

131 100

133 93.8 75.8 113.8

119 65.0 52.1 78.1

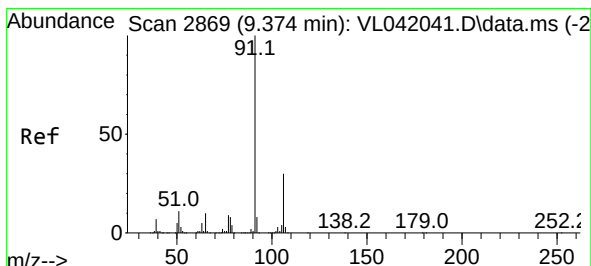
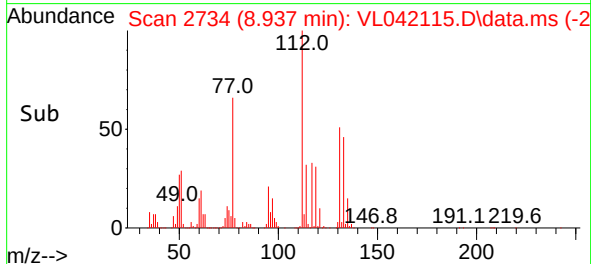
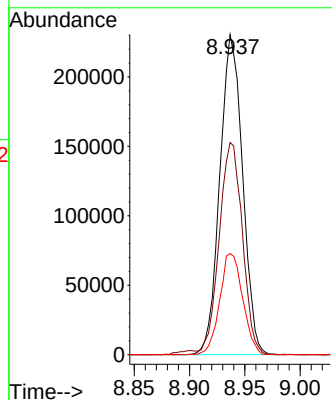
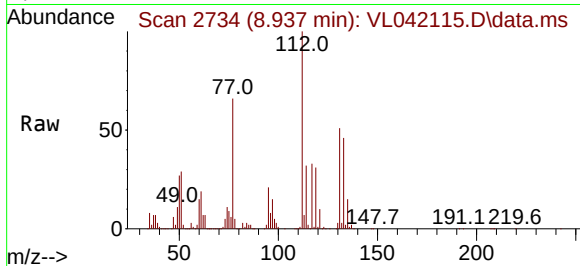




#57
Chlorobenzene
Concen: 9.281 ppbv
RT: 8.937 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

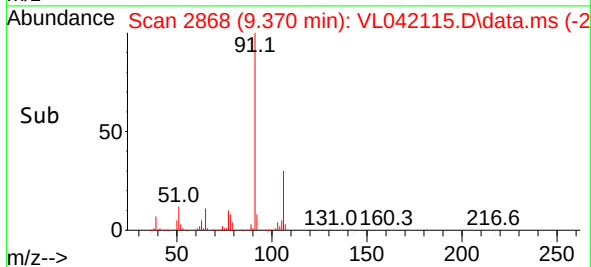
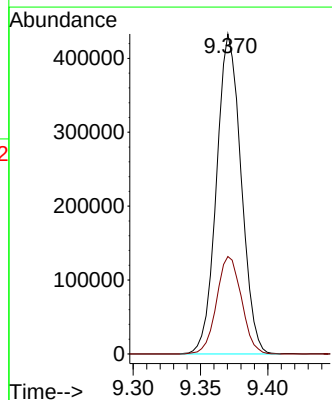
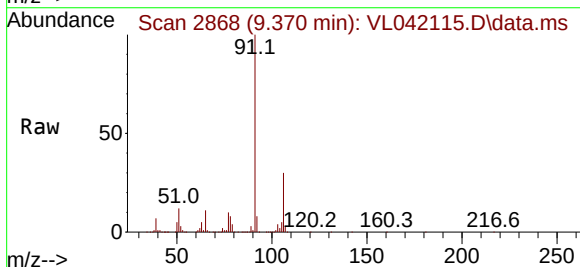
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

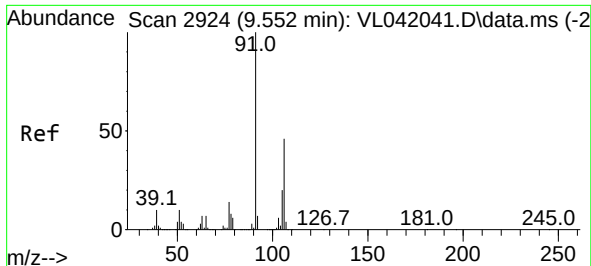
Tgt Ion:112 Resp: 330038
Ion Ratio Lower Upper
112 100
77 66.3 53.4 80.2
114 31.6 28.3 34.5



#58
Ethyl Benzene
Concen: 8.698 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. -0.003 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion: 91 Resp: 549396
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.2

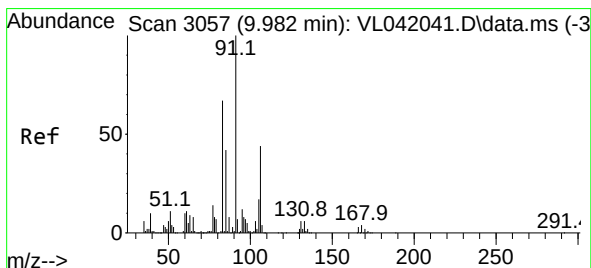
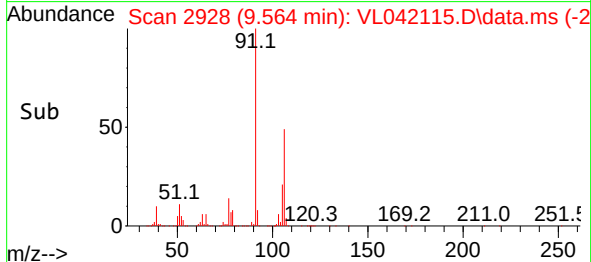
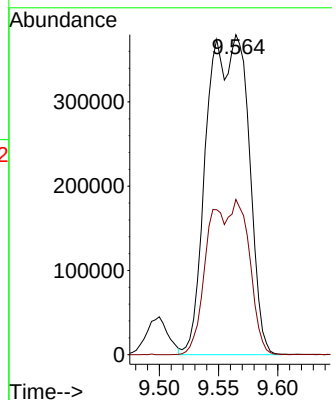
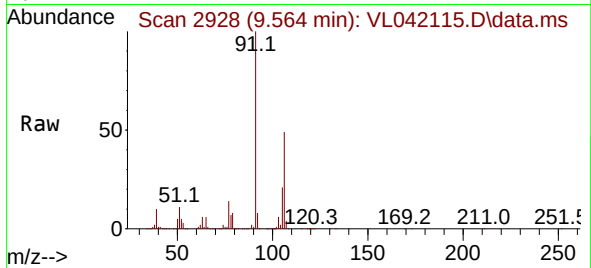




#59
m/p-Xylene
Concen: 18.509 ppbv m
RT: 9.564 min Scan# 2924
Delta R.T. 0.013 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

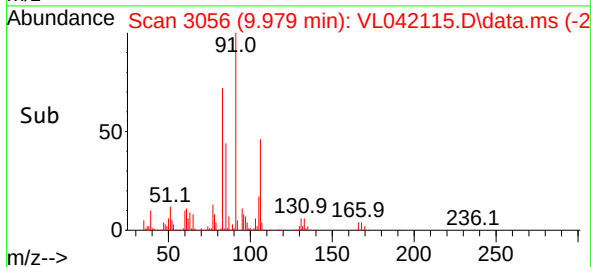
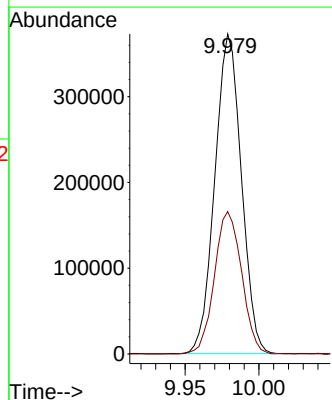
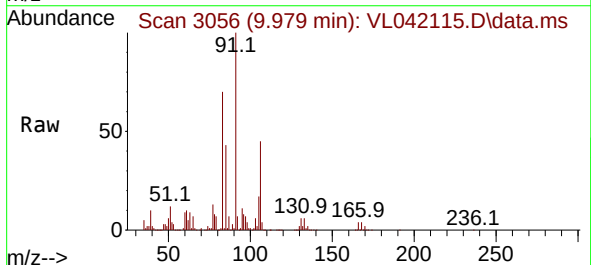
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

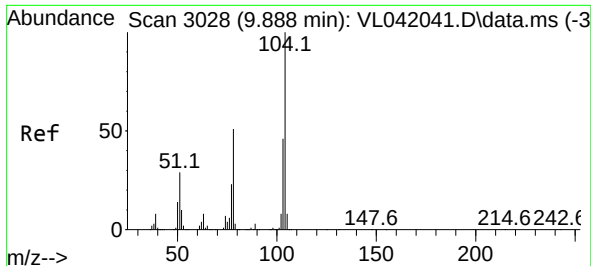
Tgt Ion: 91 Resp: 930397
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0



#60
o-Xylene
Concen: 9.232 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.003 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion: 91 Resp: 466520
Ion Ratio Lower Upper
91 100
106 45.7 22.3 66.8

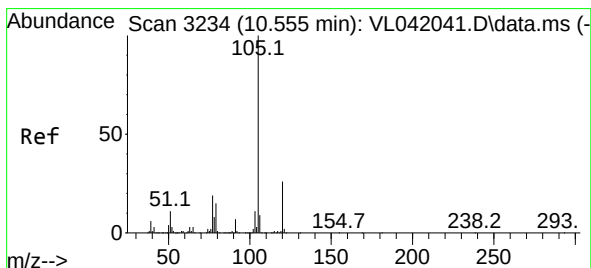
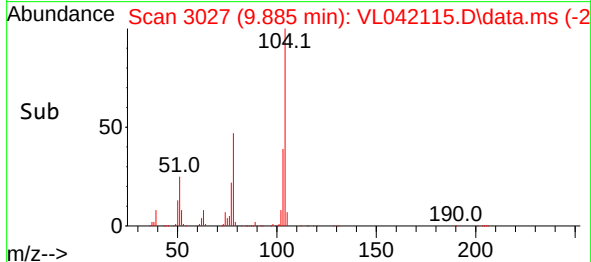
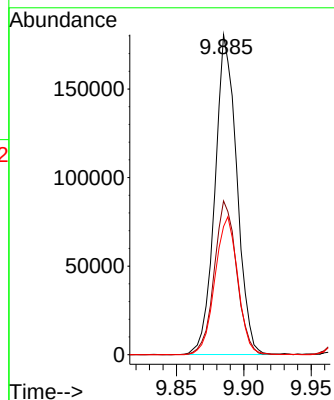
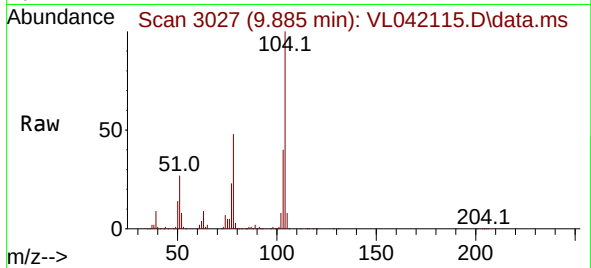




#61
Styrene
Concen: 8.590 ppbv
RT: 9.885 min Scan# 3028
Delta R.T. -0.003 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

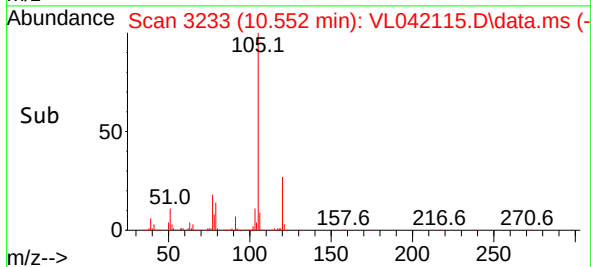
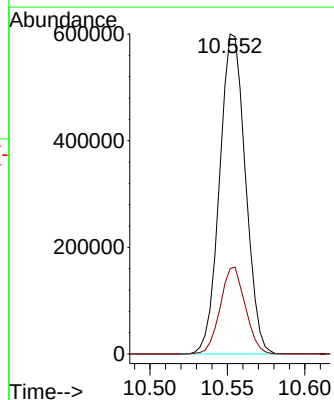
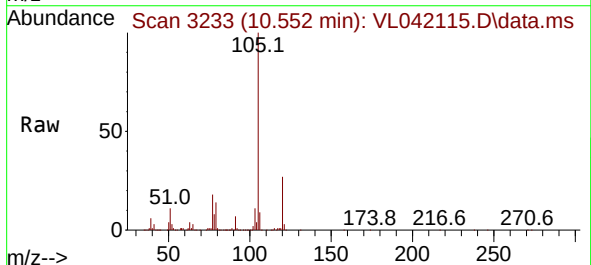
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

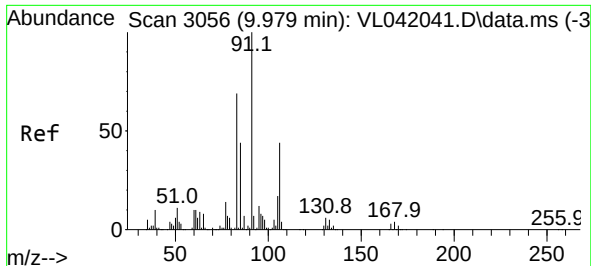
Tgt Ion:104 Resp: 204092
Ion Ratio Lower Upper
104 100
78 49.3 41.0 61.4
103 45.1 37.0 55.6



#62
Isopropylbenzene
Concen: 9.198 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. -0.003 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion:105 Resp: 696113
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1

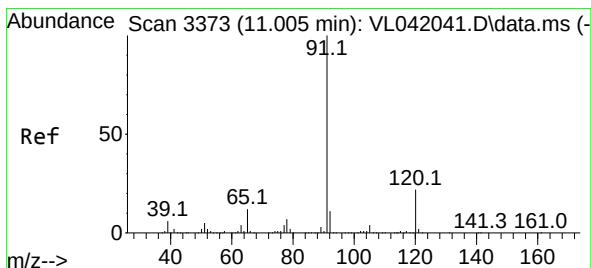
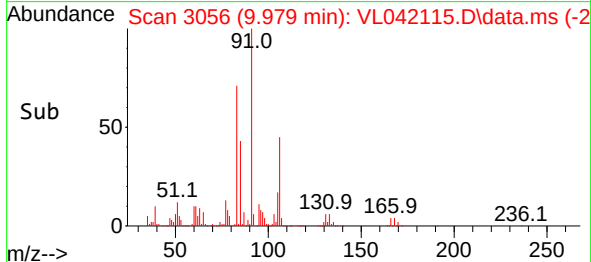
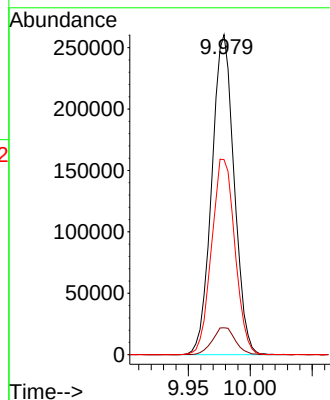
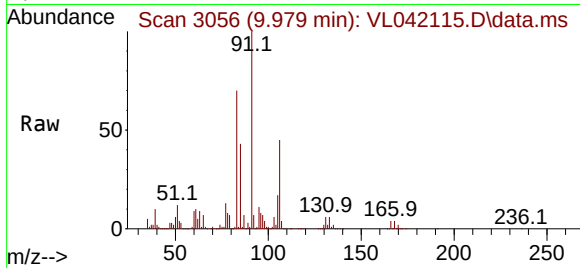




#63
1,1,2,2-Tetrachloroethane
Concen: 9.844 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

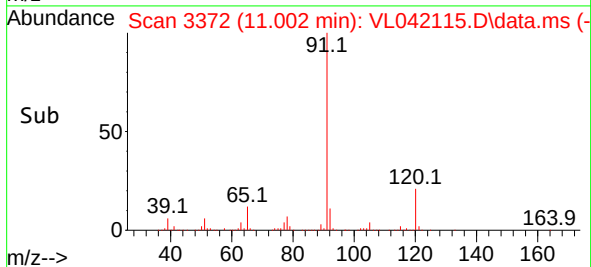
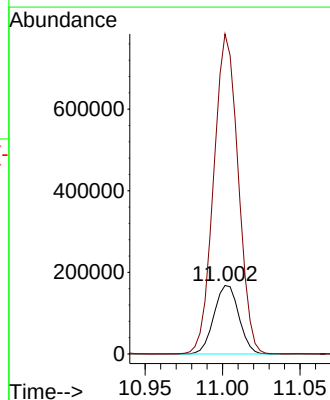
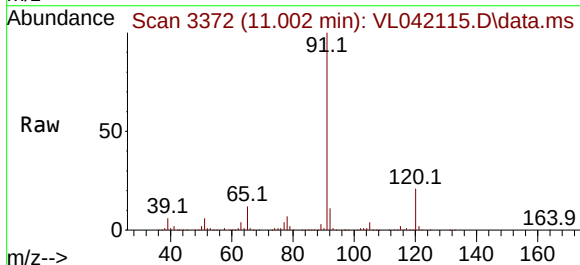
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

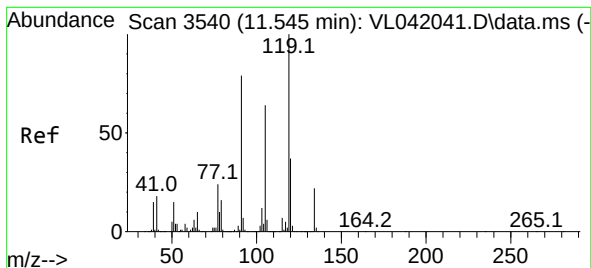
Tgt Ion: 83 Resp: 327603
Ion Ratio Lower Upper
83 100
131 8.7 4.5 13.7
85 63.8 32.1 96.3



#64
n-propylbenzene
Concen: 9.455 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. -0.003 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion: 120 Resp: 187705
Ion Ratio Lower Upper
120 100
91 459.8 370.6 556.0





#65

tert-Butylbenzene

Concen: 9.108 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. -0.003 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

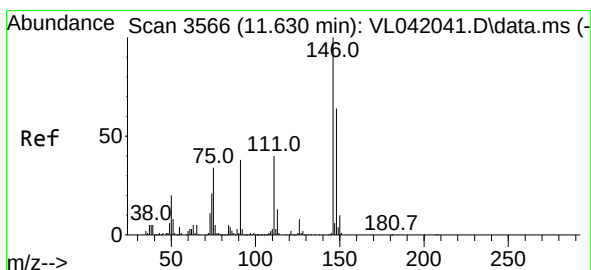
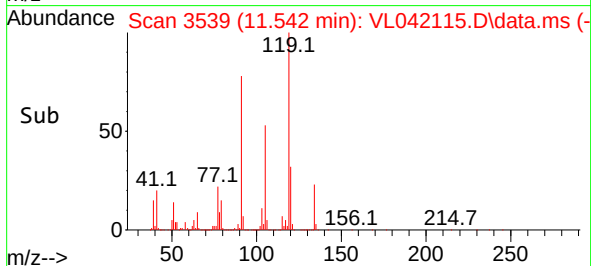
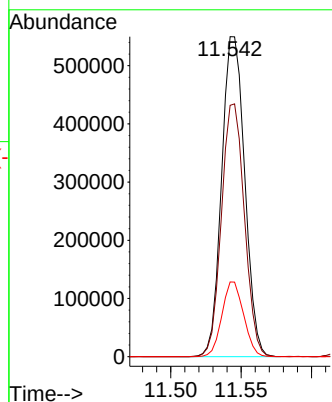
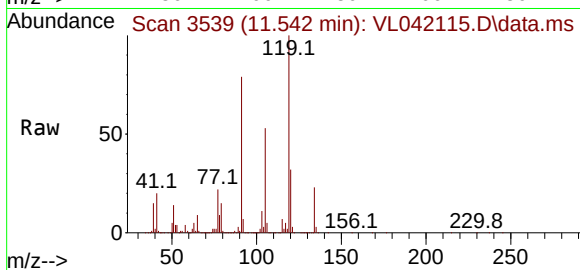
Tgt Ion:119 Resp: 627319

Ion Ratio Lower Upper

119 100

91 78.7 64.2 96.2

134 22.0 17.4 26.2



#66

Benzyl Chloride

Concen: 8.200 ppbv

RT: 11.626 min Scan# 3565

Delta R.T. -0.003 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

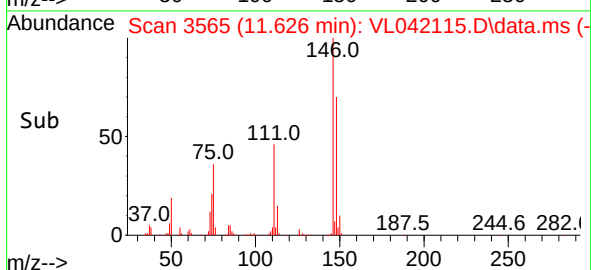
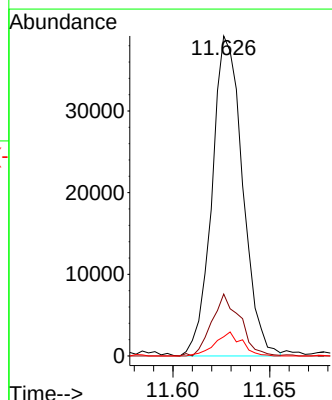
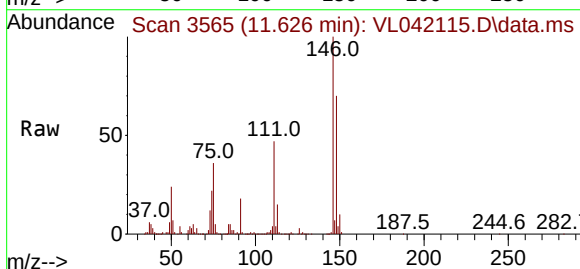
Tgt Ion: 91 Resp: 43097

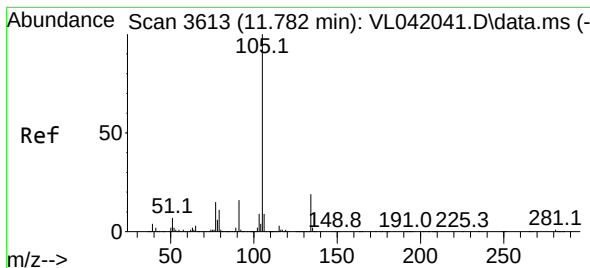
Ion Ratio Lower Upper

91 100

126 18.1 14.5 21.7

128 6.5 5.4 8.2

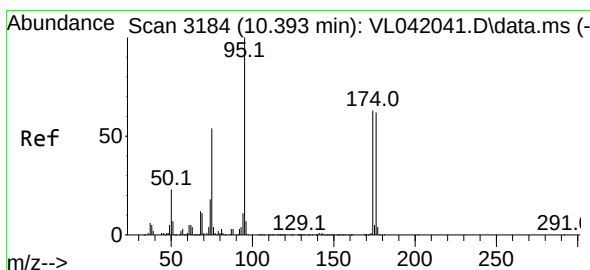
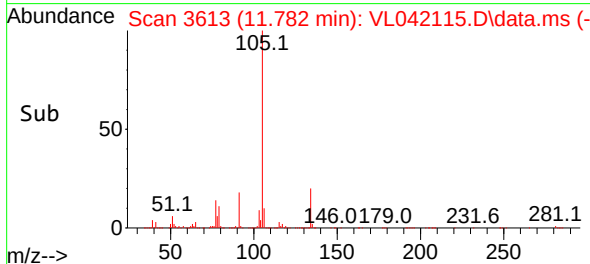
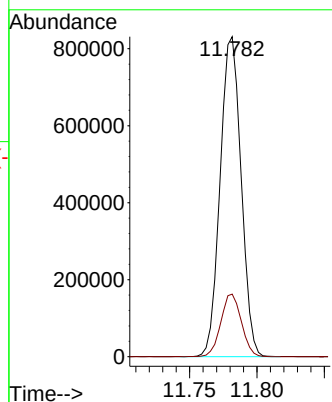
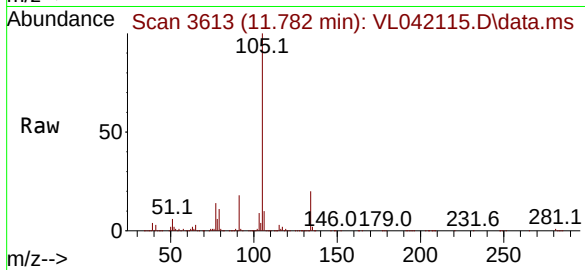




#67
 sec-Butylbenzene
 Concen: 9.132 ppbv
 RT: 11.782 min Scan# 3613
 Delta R.T. -0.000 min
 Lab File: VL042115.D
 Acq: 10 Mar 2025 09:08

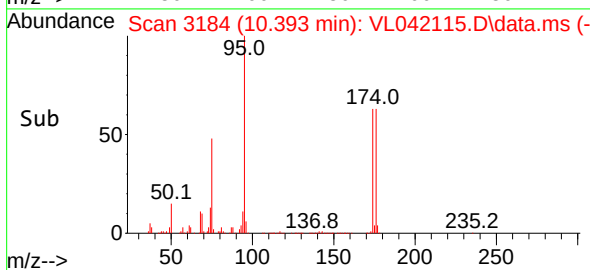
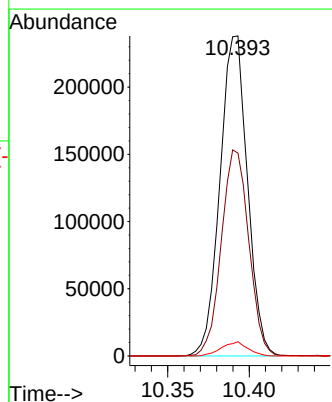
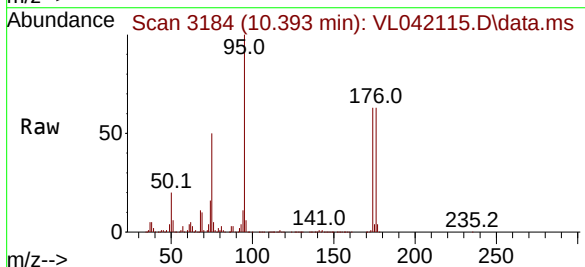
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

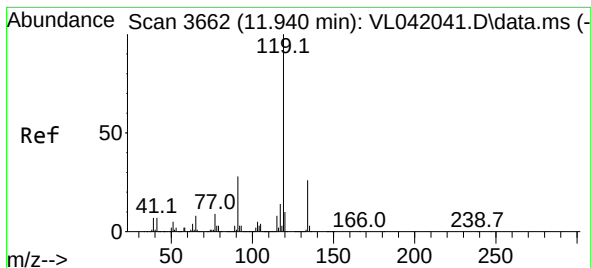
Tgt Ion:105 Resp: 899556
 Ion Ratio Lower Upper
 105 100
 134 19.2 14.9 22.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.591 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. -0.000 min
 Lab File: VL042115.D
 Acq: 10 Mar 2025 09:08

Tgt Ion: 95 Resp: 279482
 Ion Ratio Lower Upper
 95 100
 174 64.2 51.8 77.6
 175 4.2 3.9 5.9





#69

p-Isopropyltoluene

Concen: 9.494 ppbv

RT: 11.937 min Scan# 3661

Delta R.T. -0.003 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

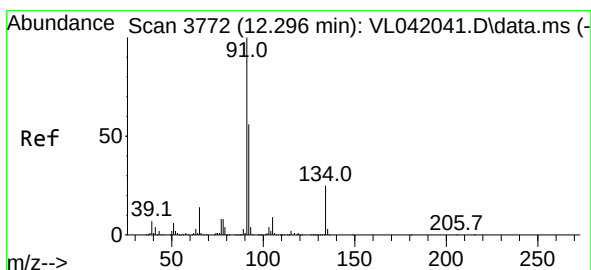
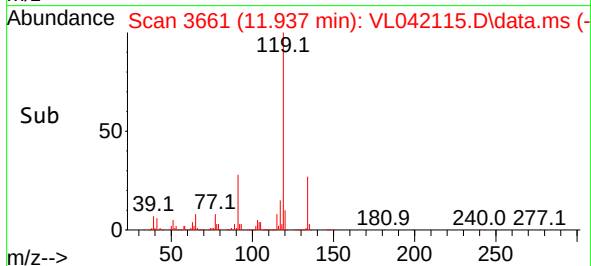
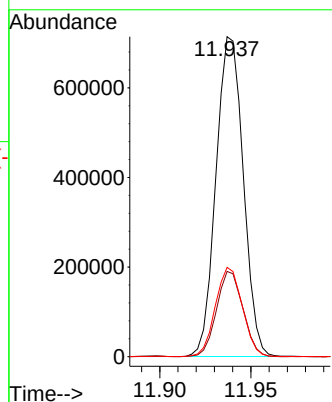
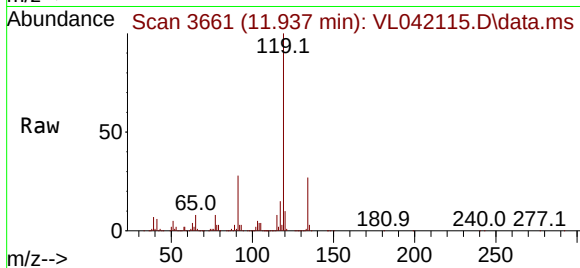
Tgt Ion:119 Resp: 744068

Ion Ratio Lower Upper

119 100

134 25.9 20.9 31.3

91 27.7 23.1 34.7



#70

n-Butylbenzene

Concen: 9.499 ppbv

RT: 12.293 min Scan# 3771

Delta R.T. -0.003 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

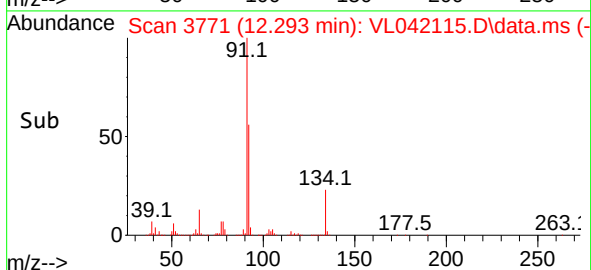
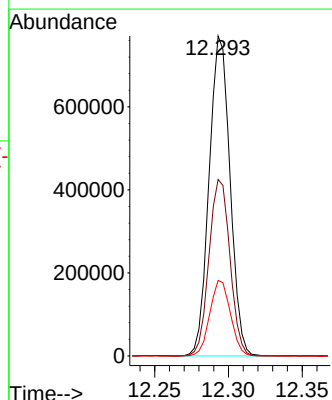
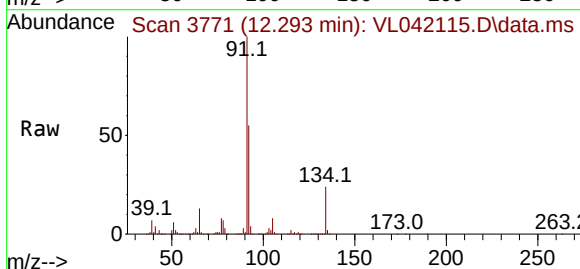
Tgt Ion: 91 Resp: 759905

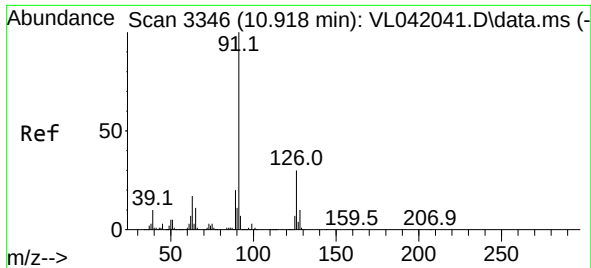
Ion Ratio Lower Upper

91 100

92 55.4 44.7 67.1

134 23.3 18.9 28.3

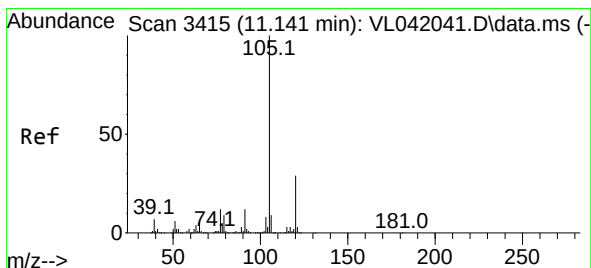
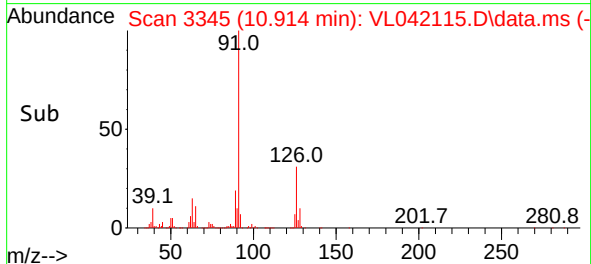
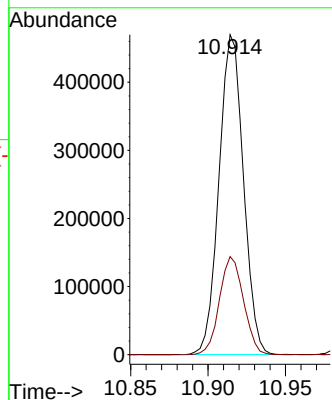
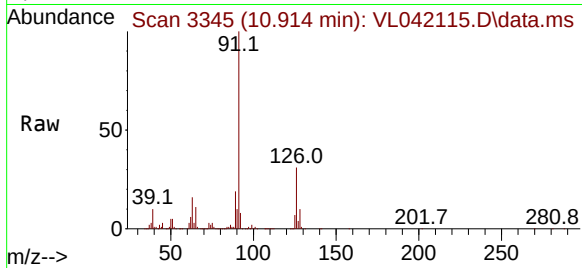




#71
2-Chlorotoluene
Concen: 8.834 ppbv
RT: 10.914 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

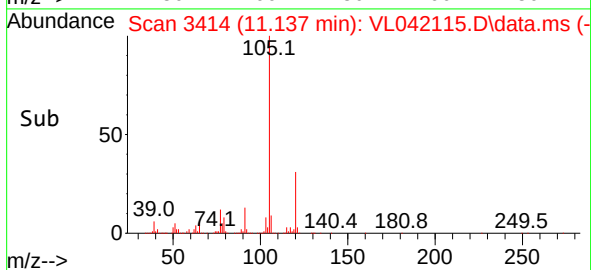
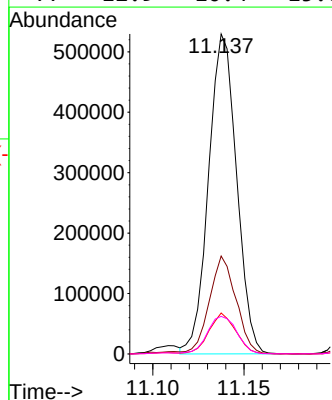
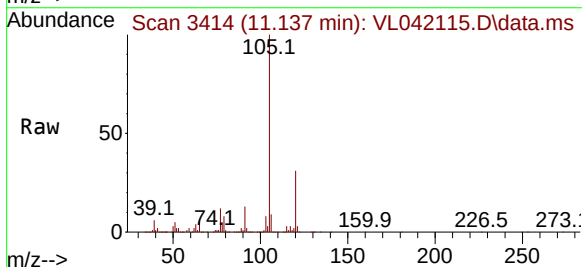
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

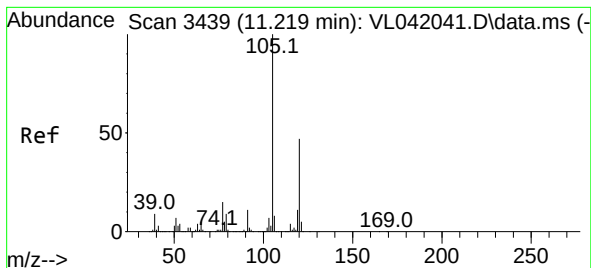
Tgt Ion: 91 Resp: 515375
Ion Ratio Lower Upper
91 100
126 30.2 11.9 47.5



#72
4-Ethyltoluene
Concen: 9.179 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. -0.003 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion: 105 Resp: 566348
Ion Ratio Lower Upper
105 100
120 29.8 24.1 36.1
91 12.5 10.2 15.4
77 12.9 10.4 15.6





#73

1,3,5-Trimethylbenzene

Concen: 8.976 ppbv

RT: 11.218 min Scan# 3439

Delta R.T. -0.000 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

Instrument :

MSVOA_1

ClientSampleId :

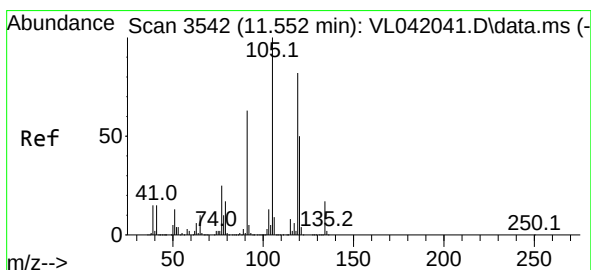
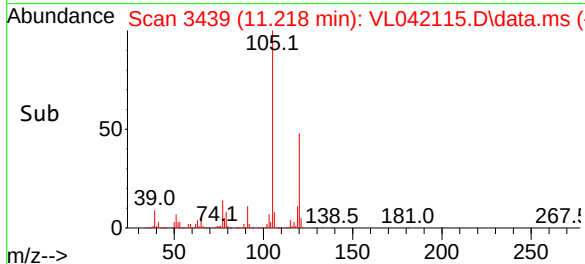
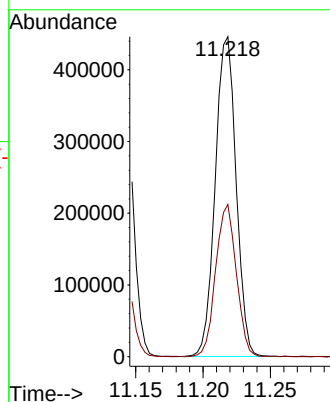
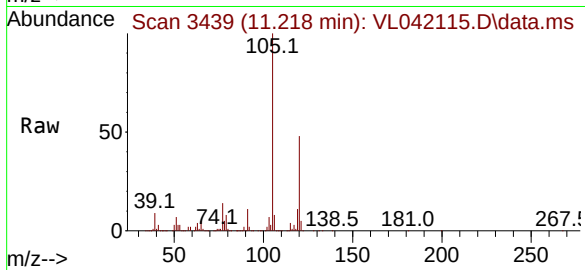
VSTDCCC010

Tgt Ion:105 Resp: 480409

Ion Ratio Lower Upper

105 100

120 47.5 37.4 56.0



#74

1,2,4-Trimethylbenzene

Concen: 9.127 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

Tgt Ion:105 Resp: 550074

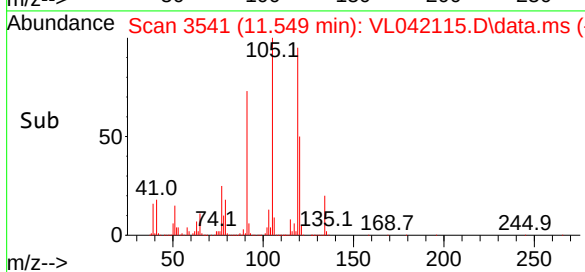
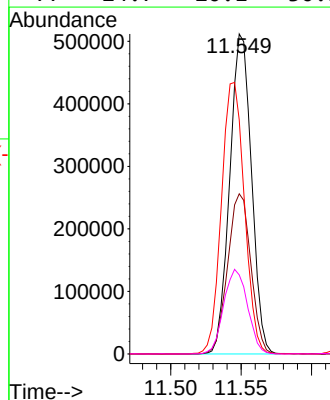
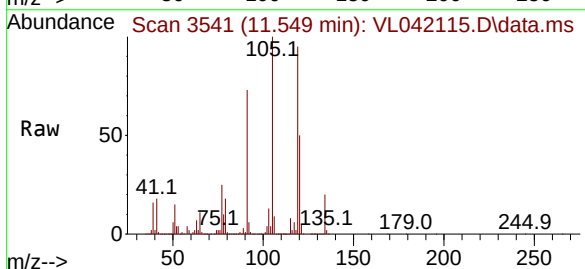
Ion Ratio Lower Upper

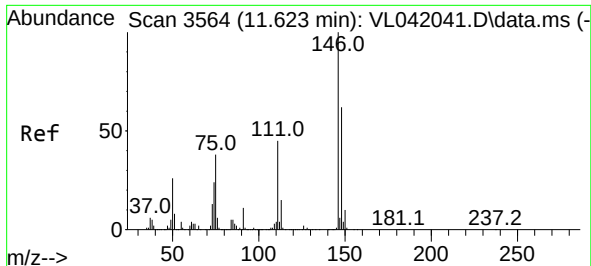
105 100

120 50.1 40.2 60.2

91 73.1 51.4 77.2

77 24.7 20.1 30.1

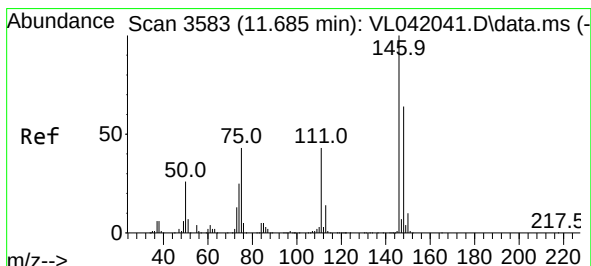
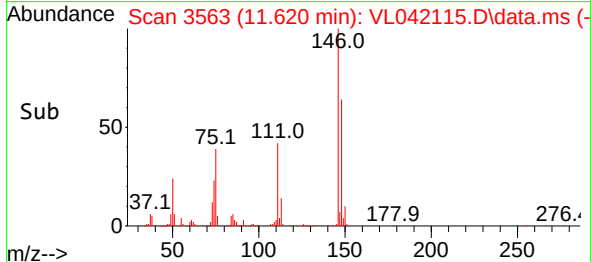
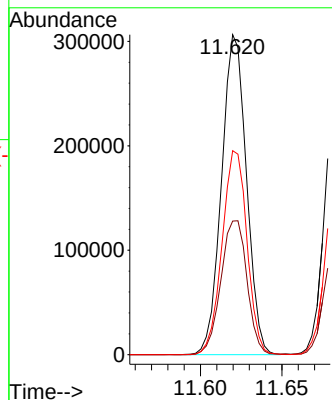
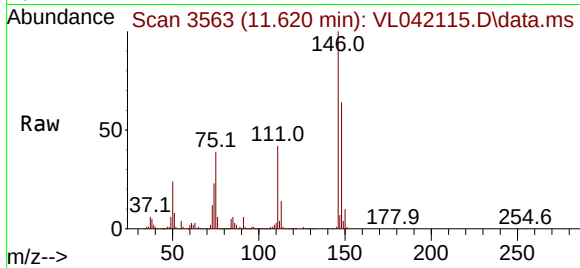




#75
1,3-Dichlorobenzene
Concen: 9.385 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. -0.003 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

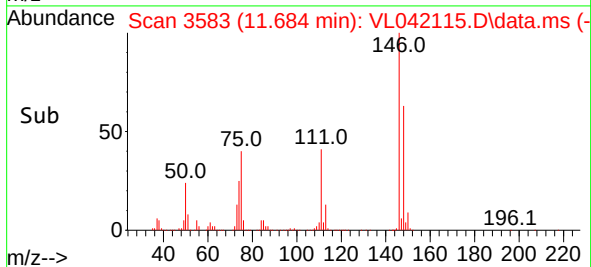
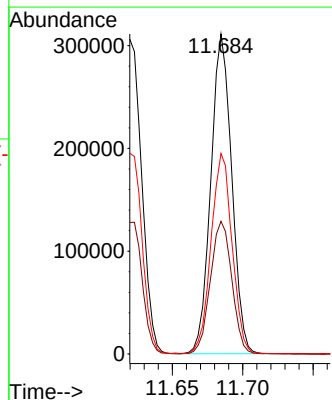
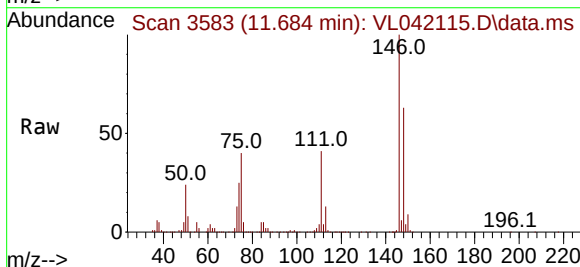
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

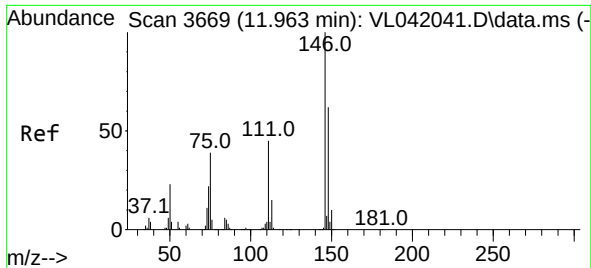
Tgt Ion:146 Resp: 325514
Ion Ratio Lower Upper
146 100
111 44.0 22.4 67.2
148 63.7 32.3 96.8



#76
1,4-Dichlorobenzene
Concen: 9.341 ppbv
RT: 11.684 min Scan# 3583
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion:146 Resp: 321685
Ion Ratio Lower Upper
146 100
111 42.9 21.5 64.5
148 63.4 31.6 95.0

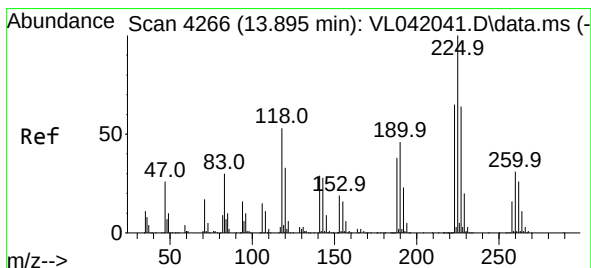
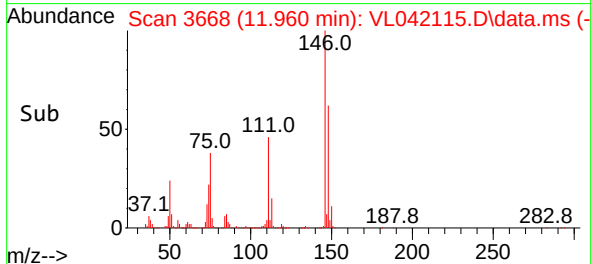
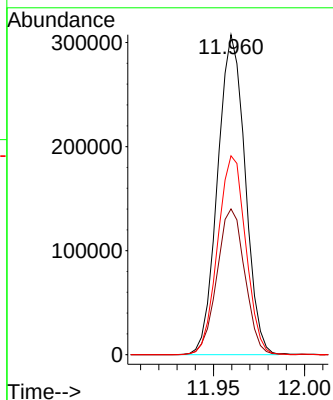
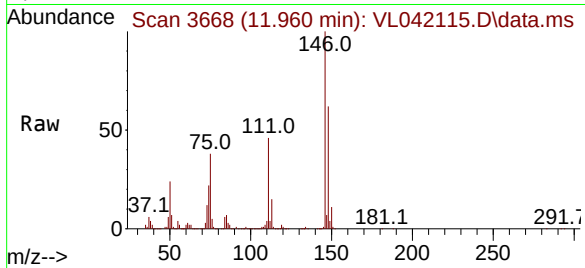




#77
1,2-Dichlorobenzene
Concen: 9.575 ppbv
RT: 11.960 min Scan# 3668
Delta R.T. -0.003 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

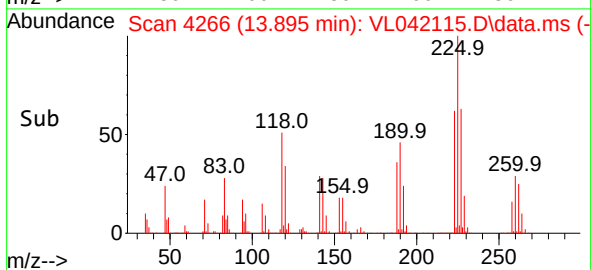
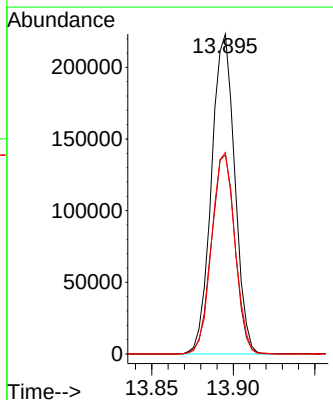
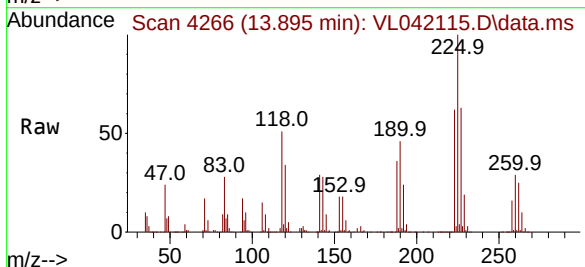
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

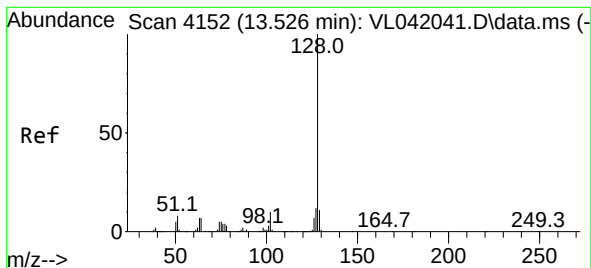
Tgt Ion:146 Resp: 322300
Ion Ratio Lower Upper
146 100
111 46.4 23.2 69.6
148 63.6 31.4 94.2



#78
Hexachloro-1,3-Butadiene
Concen: 8.449 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. -0.000 min
Lab File: VL042115.D
Acq: 10 Mar 2025 09:08

Tgt Ion:225 Resp: 221283
Ion Ratio Lower Upper
225 100
223 62.8 50.2 75.2
227 63.1 50.8 76.2





#79

Naphthalene

Concen: 11.379 ppbv

RT: 13.526 min Scan# 4152

Delta R.T. -0.000 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

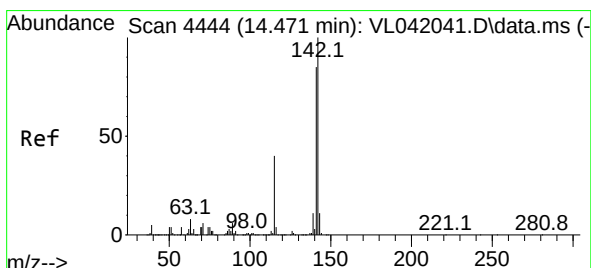
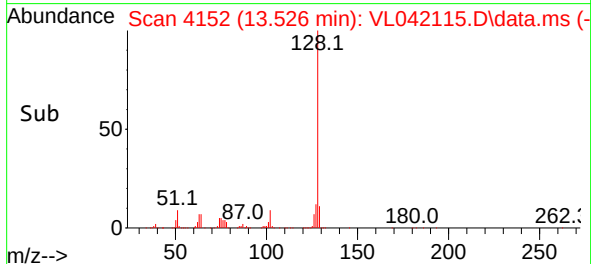
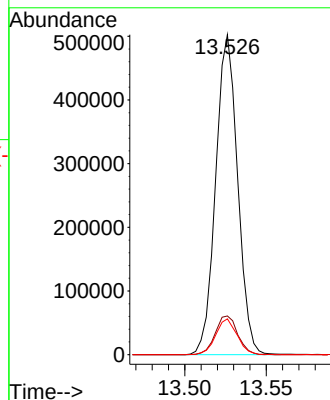
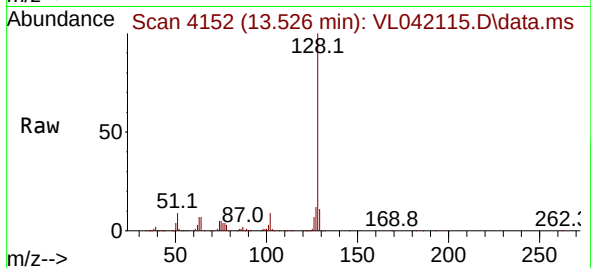
Tgt Ion:128 Resp: 470224

Ion Ratio Lower Upper

128 100

127 12.1 9.8 14.6

129 11.2 8.6 12.8



#80

Naphthalene,2-methyl-

Concen: 13.067 ppbv

RT: 14.471 min Scan# 4444

Delta R.T. -0.000 min

Lab File: VL042115.D

Acq: 10 Mar 2025 09:08

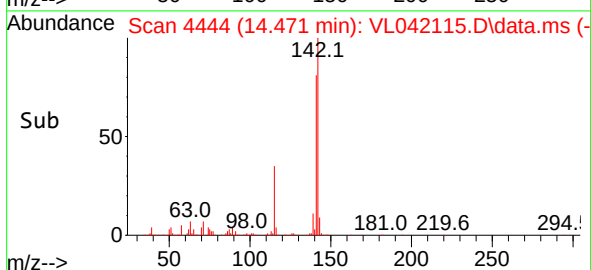
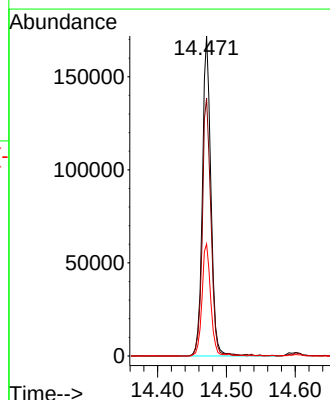
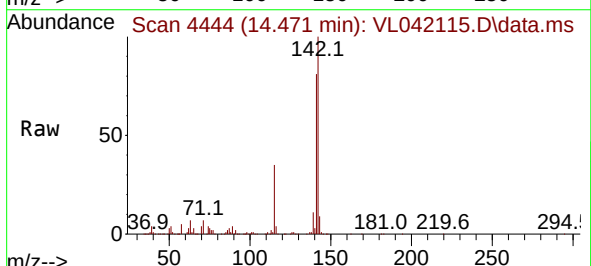
Tgt Ion:142 Resp: 147775

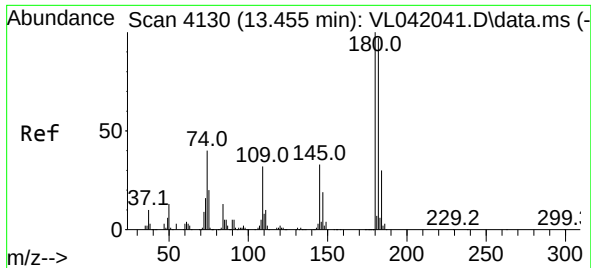
Ion Ratio Lower Upper

142 100

141 81.6 65.8 98.6

115 36.0 29.5 44.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.311 ppbv
 RT: 13.455 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042115.D
 Acq: 10 Mar 2025 09:08

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 214425
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.1 112.7
 184 30.4 23.8 35.6

