

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052025\
 Data File : VL042546.D
 Acq On : 20 May 2025 09:12
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: May 20 23:24:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue May 20 23:22:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	120933	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	411974	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	367493	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	298085	10.135	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	212032	9.376	ppbv	100
3) Chlorodifluoromethane	1.476	51	178000	9.555	ppbv	100
4) Chloromethane	1.535	50	68379	9.385	ppbv	100
5) Vinyl Chloride	1.580	62	72897	9.075	ppbv	100
6) Bromomethane	1.671	94	44344	9.596	ppbv	100
7) Chloroethane	1.706	64	30407	9.414	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	182388	9.521	ppbv	100
9) Propene	1.486	41	64322	9.933	ppbv	100
10) Heptane	4.988	43	183291	10.744	ppbv	100
11) Trichlorofluoromethane	1.878	101	222051	9.404	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.143	101	181177	9.518	ppbv	100
13) Ethanol	1.722	45	7286	7.762	ppbv	100
14) Bromoethene	1.784	108	67627	9.404	ppbv	100
15) Acetone	1.836	43	135337	8.031	ppbv	100
16) 1,3-Butadiene	1.609	39	63306	9.253	ppbv	100
17) tert-Butyl alcohol	2.043	59	193722	9.947	ppbv	100
18) 1,1-Dichloroethene	2.036	96	81674	9.495	ppbv	100
19) Isopropyl Alcohol	1.887	45	92795	9.683	ppbv	100
20) Methylene Chloride	2.062	84	69425	8.508	ppbv	100
21) Allyl Chloride	2.098	41	105332	9.758	ppbv	100
22) trans-1,2-Dichloroethene	2.344	96	92908	9.730	ppbv	100
23) Vinyl Acetate	2.467	43	197396	10.090	ppbv	100
24) 1,1-Dichloroethane	2.412	63	157576	9.628	ppbv	100
25) Ethyl Acetate	2.839	43	337411	10.357	ppbv	100
26) Hexane	2.829	57	155381	10.549	ppbv	100
27) Carbon Disulfide	2.153	76	213850	10.023	ppbv	99
28) Methyl tert-Butyl Ether	2.444	73	95511	9.623	ppbv	100
29) Chloroform	2.852	83	268571	9.642	ppbv	100
30) Cyclohexane	3.862	84	140511	11.027	ppbv	100
31) cis-1,2-Dichloroethene	2.722	61	164131	10.135	ppbv	100
32) 1,1,1-Trichloroethane	3.373	97	280218	9.844	ppbv	100
34) 2-Butanone	2.561	43	212000	9.694	ppbv	100
35) Carbon Tetrachloride	3.768	117	299447	9.536	ppbv	100
36) Benzene	3.661	78	339567	10.185	ppbv	100
37) 1,2-Dichloroethane	3.224	62	196002	9.622	ppbv	100
38) Trichloroethene	4.554	130	151528	9.959	ppbv	100
39) 1,2-Dichloropropane	4.321	63	115351	9.858	ppbv	100
40) 1,4-Dioxane	4.587	88	57112	10.849	ppbv #	98
41) Tetrahydrofuran	3.056	42	115659	10.849	ppbv	100
42) Bromodichloromethane	4.496	83	291398	10.141	ppbv	100
43) Methyl Methacrylate	4.888	69	127722	11.312	ppbv	100
44) 2,2,4-Trimethylpentane	4.645	57	536753	10.532	ppbv	100
45) t-1,3-Dichloropropene	6.425	75	163637	11.360	ppbv	100

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Instrument :
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 ClientSampleId :
 VSTDICCC010

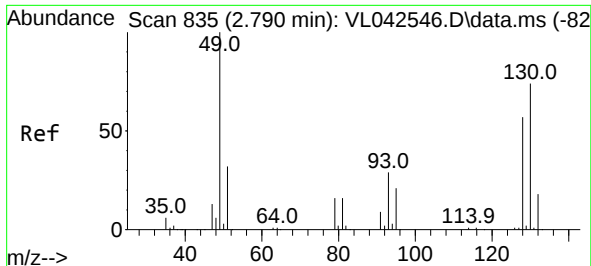
Quant Time: May 20 23:24:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue May 20 23:22:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.610	75	196277	11.227	ppbv	100
47) 1,1,2-Trichloroethane	6.590	97	137930	9.839	ppbv	100
48) Dibromochloromethane	7.393	129	252105	10.392	ppbv	100
49) Bromoform	9.490	173	218558	10.556	ppbv	100
50) 4-Methyl-2-Pentanone	5.758	43	289347	11.049	ppbv	100
51) 2-Hexanone	7.441	43	228279	11.869	ppbv	100
52) Tetrachloroethene	8.231	164	128749	9.903	ppbv	100
53) Toluene	6.943	91	393948	11.054	ppbv	100
54) 1,2-Dibromoethane	7.662	107	214451	10.520	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.930	131	191773	9.788	ppbv	100
57) Chlorobenzene	8.927	112	318364	9.725	ppbv	100
58) Ethyl Benzene	9.361	91	547642	11.383	ppbv	100
59) m/p-Xylene	9.558	91	404954	9.869	ppbv #	15
60) o-Xylene	9.969	91	450867	11.099	ppbv	100
61) Styrene	9.875	104	193332	12.413	ppbv	100
62) Isopropylbenzene	10.545	105	669863	10.760	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	269334	9.958	ppbv	100
64) n-propylbenzene	10.995	120	171709	11.072	ppbv	100
65) tert-Butylbenzene	11.536	119	607642	10.851	ppbv	100
66) Benzyl Chloride	11.620	91	80291	11.460	ppbv	100
67) sec-Butylbenzene	11.772	105	825238	10.440	ppbv	100
69) p-Isopropyltoluene	11.931	119	719762	11.026	ppbv	100
70) n-Butylbenzene	12.287	91	696250	11.288	ppbv	100
71) 2-Chlorotoluene	10.905	91	496987	11.092	ppbv	100
72) 4-Ethyltoluene	11.131	105	561747	11.179	ppbv	100
73) 1,3,5-Trimethylbenzene	11.209	105	472644	10.873	ppbv	100
74) 1,2,4-Trimethylbenzene	11.542	105	532134	10.152	ppbv	100
75) 1,3-Dichlorobenzene	11.613	146	321956	9.952	ppbv	100
76) 1,4-Dichlorobenzene	11.678	146	321061	10.219	ppbv	100
77) 1,2-Dichlorobenzene	11.953	146	305857	9.596	ppbv	100
78) Hexachloro-1,3-Butadiene	13.886	225	231291	8.785	ppbv	100
79) Naphthalene	13.517	128	490596	12.504	ppbv	100
80) Naphthalene,2-methyl-	14.462	142	279853	13.834	ppbv	100
81) 1,2,4-Trichlorobenzene	13.445	180	264181	11.197	ppbv	100

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue May 20 23:22:25 2025
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 2.790 min Scan# 835

Delta R.T. 0.000 min

Lab File: VL042546.D

Acq: 20 May 2025 09:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

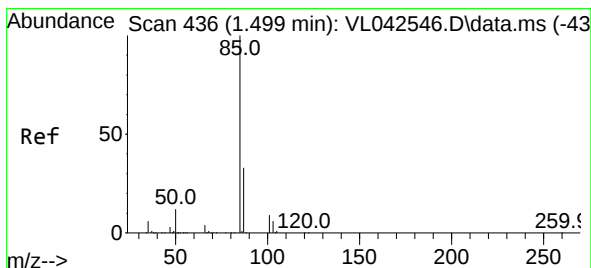
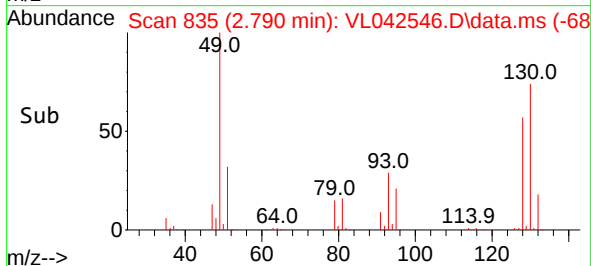
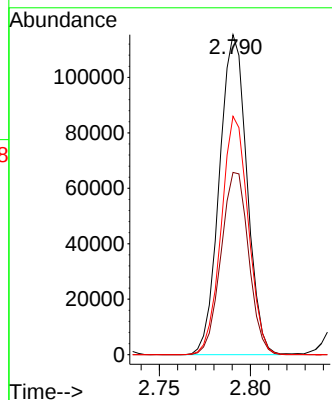
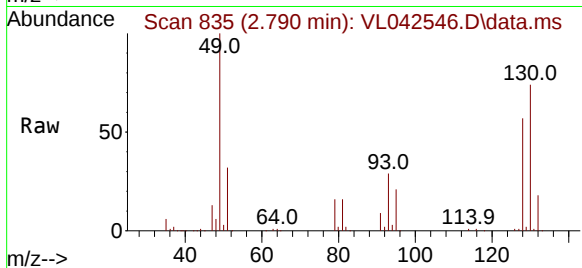
Tgt Ion: 49 Resp: 120933

Ion Ratio Lower Upper

49 100

128 57.2 28.6 85.8

130 73.2 36.6 109.8



#2

Dichlorodifluoromethane

Concen: 9.376 ppbv

RT: 1.499 min Scan# 436

Delta R.T. 0.000 min

Lab File: VL042546.D

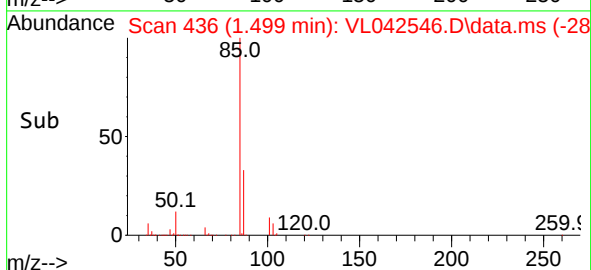
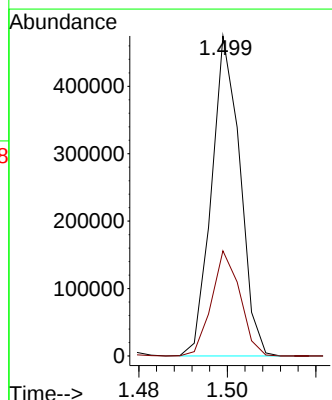
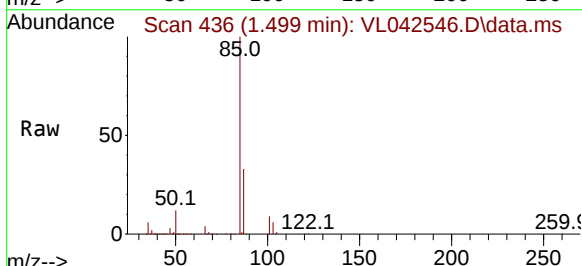
Acq: 20 May 2025 09:12

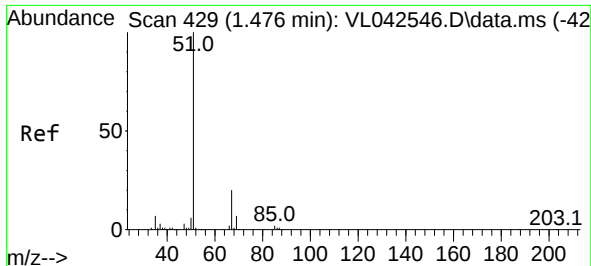
Tgt Ion: 85 Resp: 212032

Ion Ratio Lower Upper

85 100

87 32.8 26.2 39.4

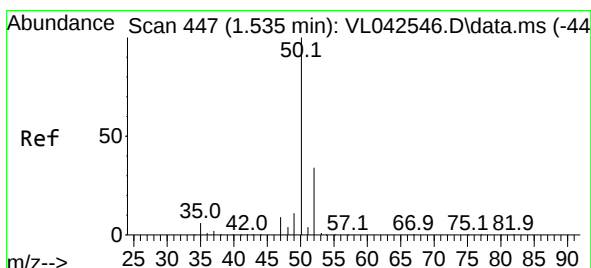
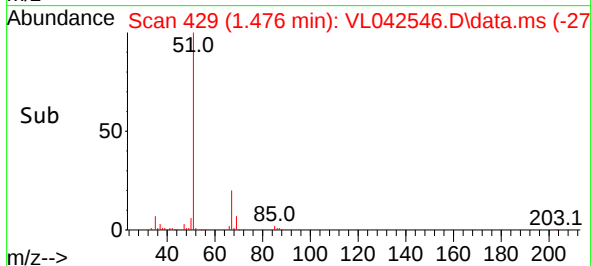
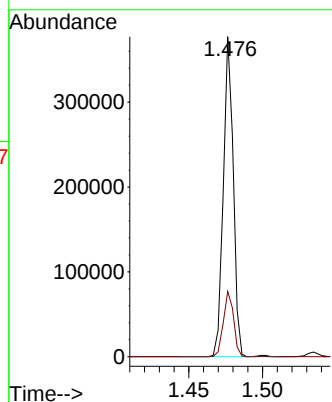
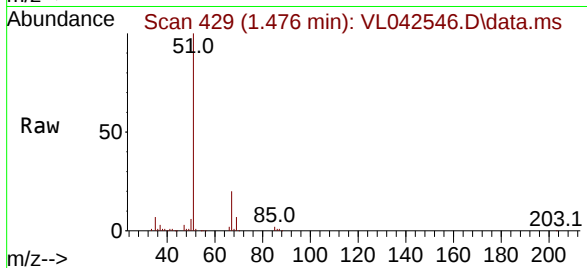




#3
Chlorodifluoromethane
Concen: 9.555 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

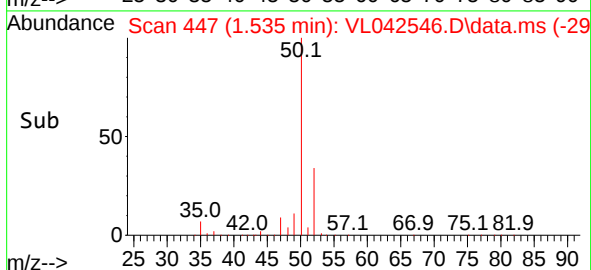
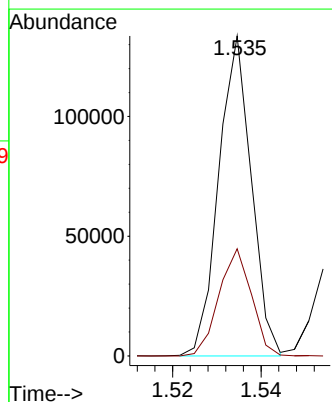
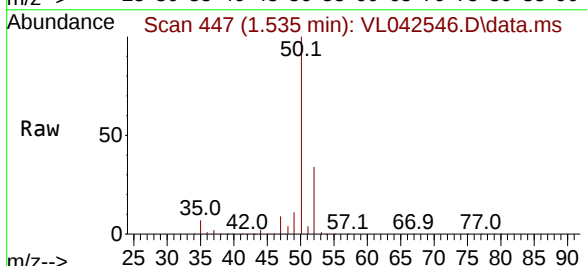
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

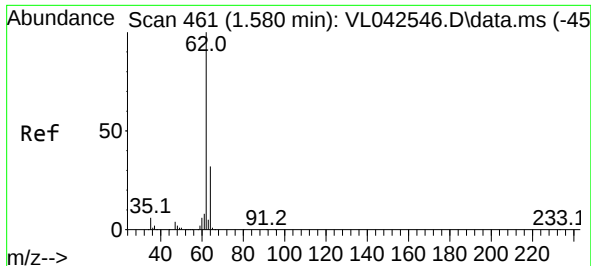
Tgt Ion: 51 Resp: 178000
Ion Ratio Lower Upper
51 100
67 20.8 16.6 25.0



#4
Chloromethane
Concen: 9.385 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

Tgt Ion: 50 Resp: 68379
Ion Ratio Lower Upper
50 100
52 33.6 26.9 40.3

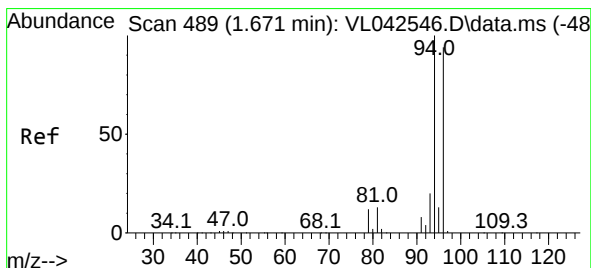
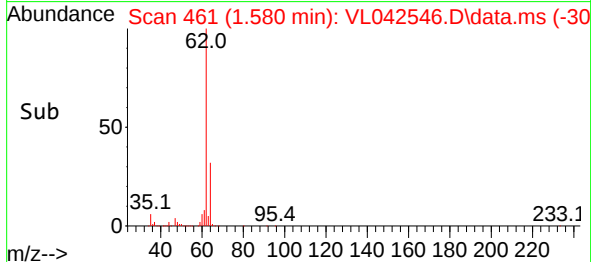
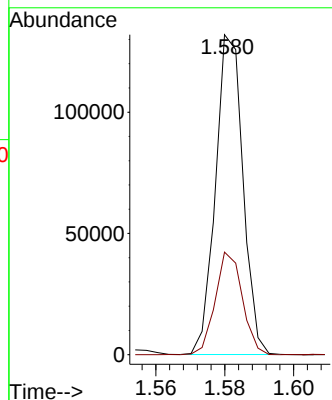
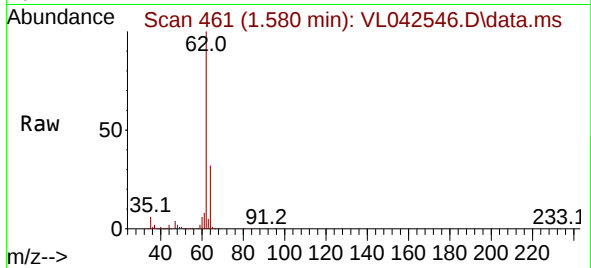




#5
 Vinyl Chloride
 Concen: 9.075 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042546.D
 Acq: 20 May 2025 09:12

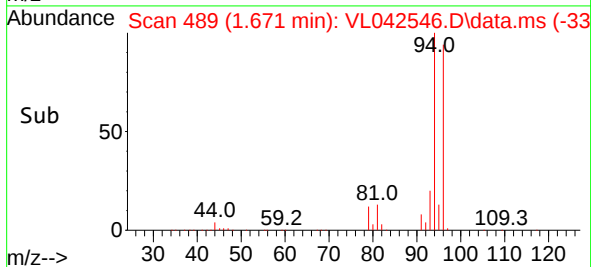
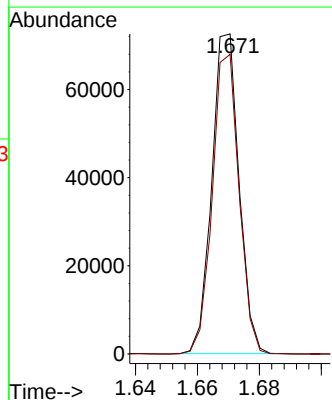
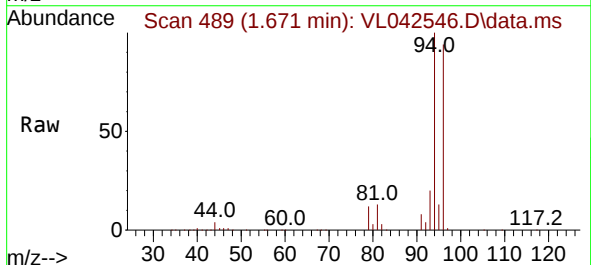
Instrument :
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 ClientSampleId :
 VSTDICCC010

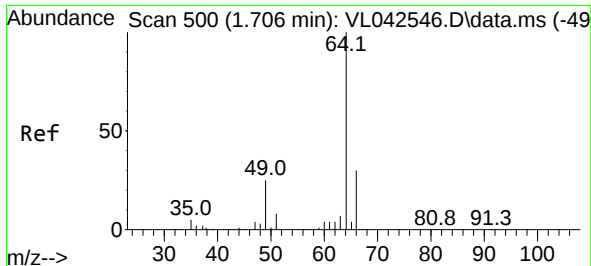
Tgt Ion: 62 Resp: 72897
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.7 38.5



#6
 Bromomethane
 Concen: 9.596 ppbv
 RT: 1.671 min Scan# 489
 Delta R.T. 0.000 min
 Lab File: VL042546.D
 Acq: 20 May 2025 09:12

Tgt Ion: 94 Resp: 44344
 Ion Ratio Lower Upper
 94 100
 96 93.6 74.9 112.3

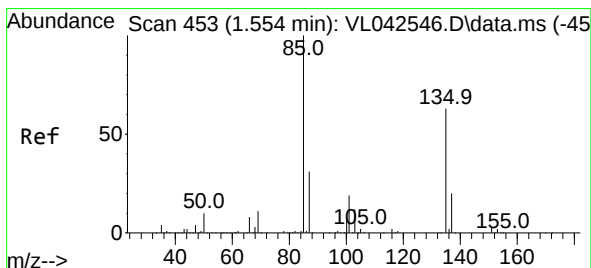
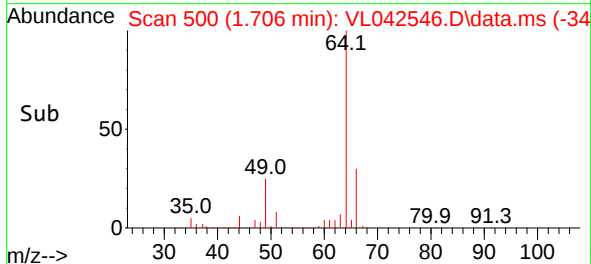
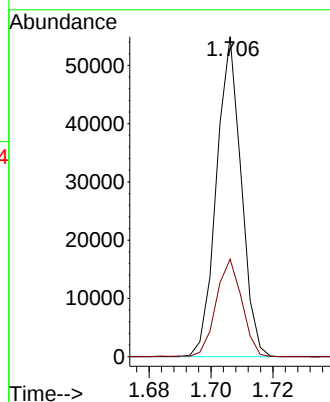
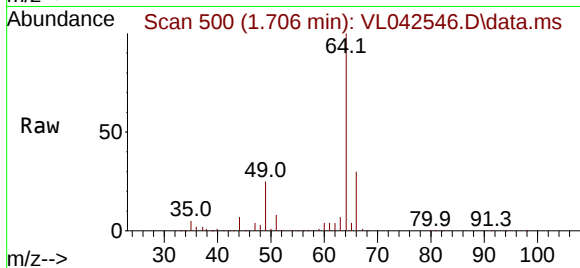




#7
Chloroethane
Concen: 9.414 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

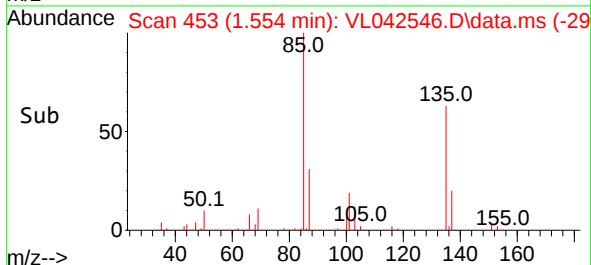
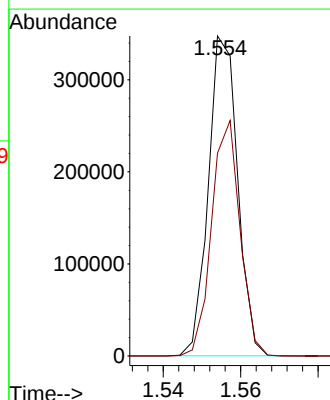
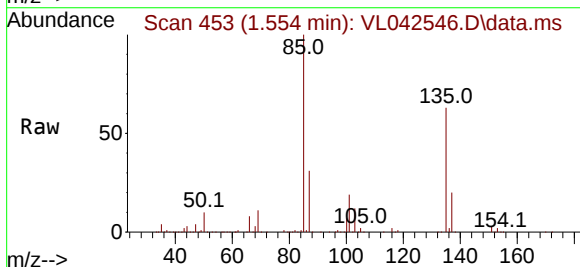
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ClientSampleId :
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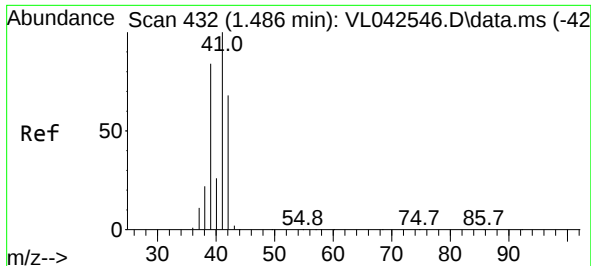
Tgt Ion: 64 Resp: 30407
Ion Ratio Lower Upper
64 100
66 30.5 24.4 36.6



#8
Dichlorotetrafluoroethane
Concen: 9.521 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

Tgt Ion: 85 Resp: 182388
Ion Ratio Lower Upper
85 100
135 71.5 57.2 85.8

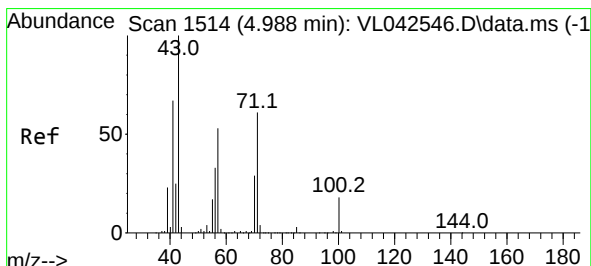
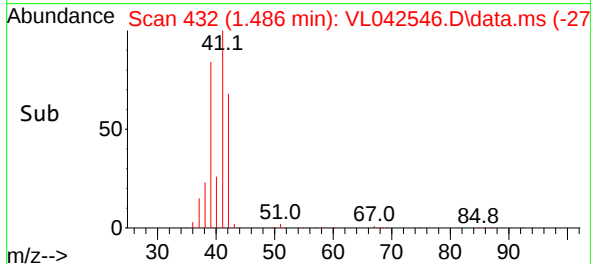
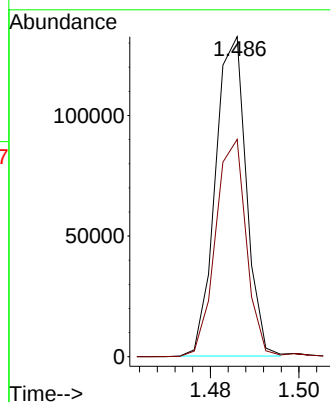
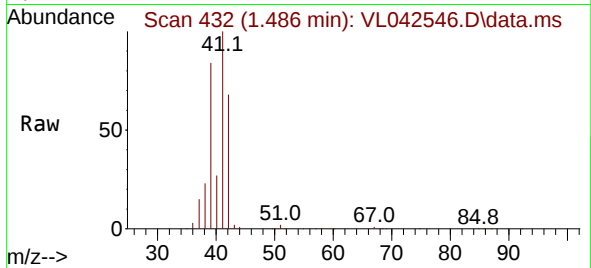




#9
Propene
Concen: 9.933 ppbv
RT: 1.486 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

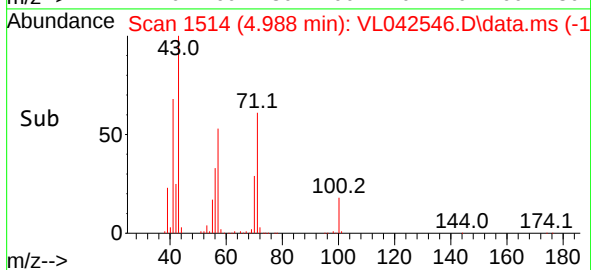
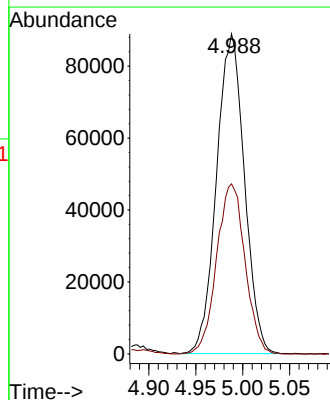
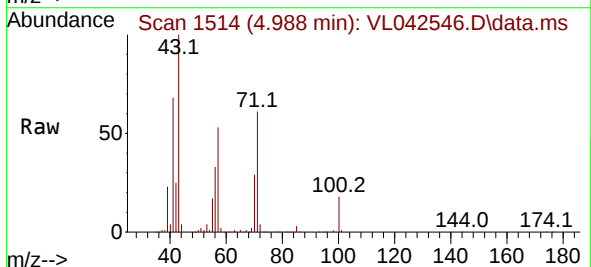
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

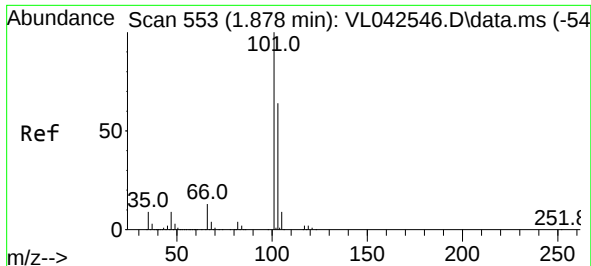
Tgt Ion: 41 Resp: 64322
Ion Ratio Lower Upper
41 100
42 68.8 55.0 82.4



#10
Heptane
Concen: 10.744 ppbv
RT: 4.988 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

Tgt Ion: 43 Resp: 183291
Ion Ratio Lower Upper
43 100
57 54.2 43.4 65.0

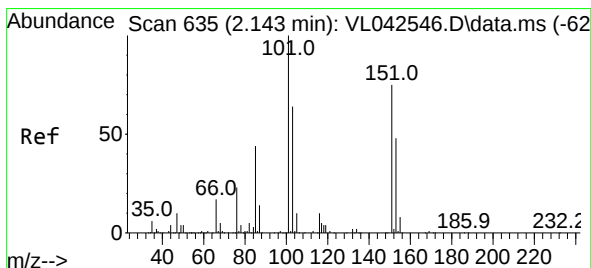
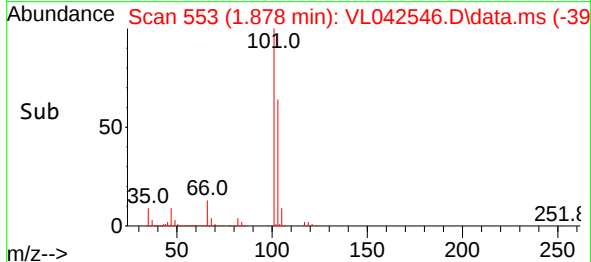
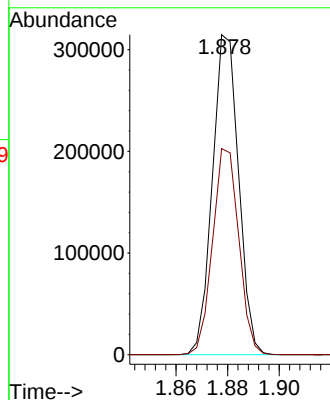
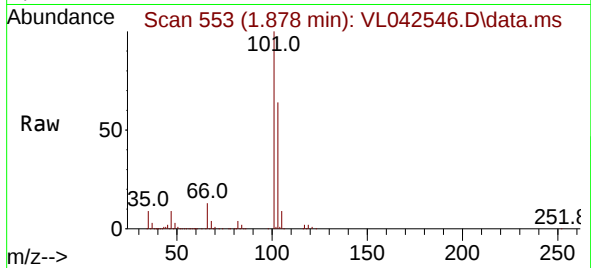




#11
 Trichlorofluoromethane
 Concen: 9.404 ppbv
 RT: 1.878 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL042546.D
 Acq: 20 May 2025 09:12

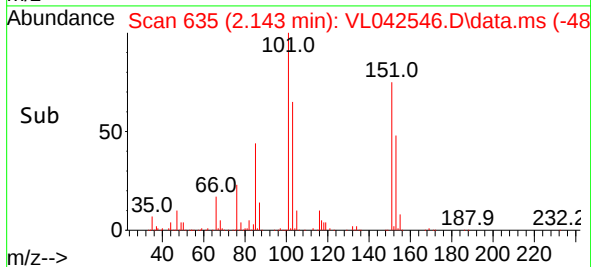
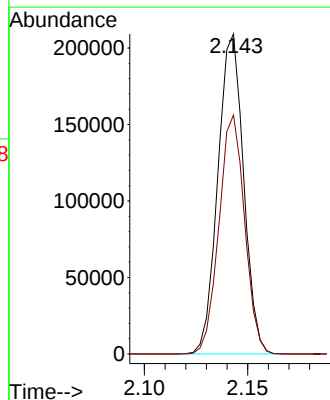
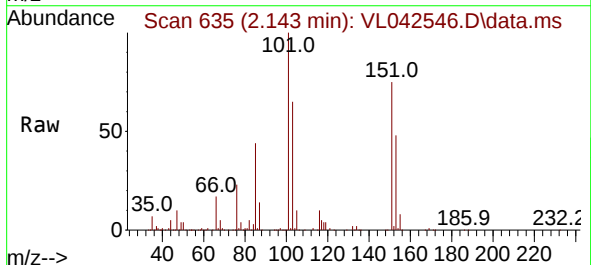
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

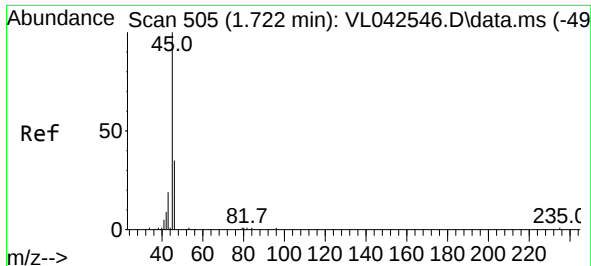
Tgt Ion:101 Resp: 222051
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.518 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.000 min
 Lab File: VL042546.D
 Acq: 20 May 2025 09:12

Tgt Ion:101 Resp: 181177
 Ion Ratio Lower Upper
 101 100
 151 74.4 59.5 89.3

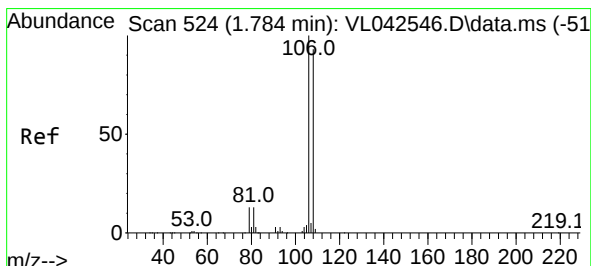
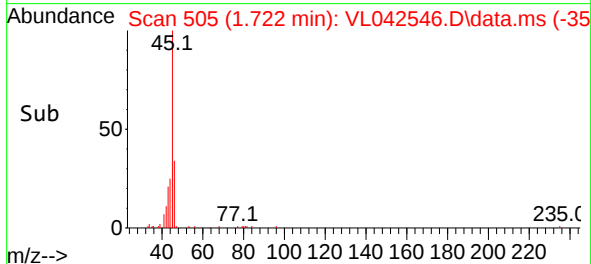
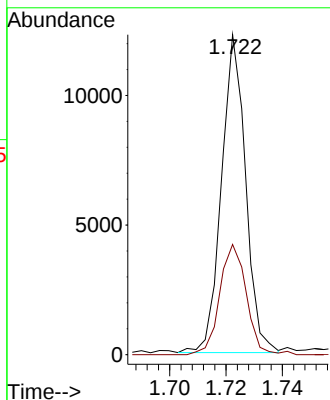
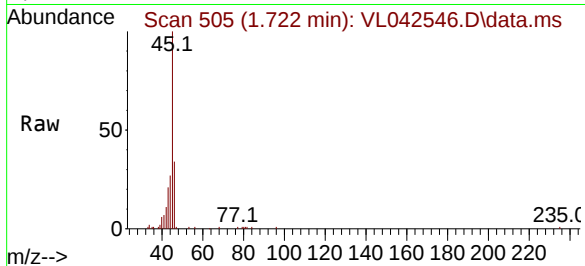




#13
Ethanol
Concen: 7.762 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

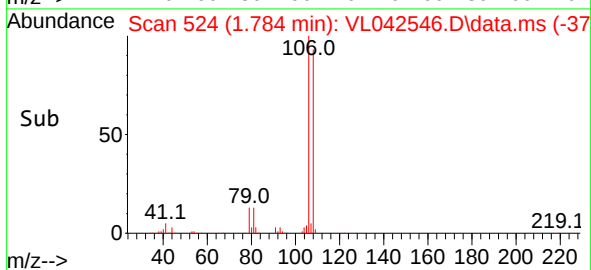
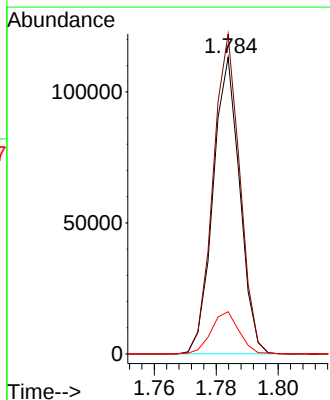
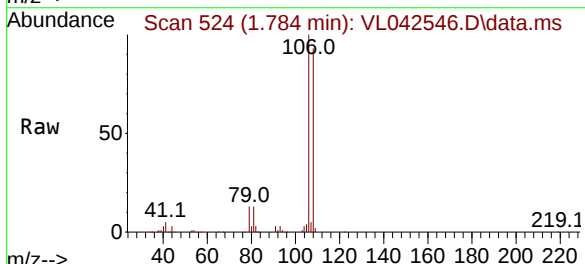
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

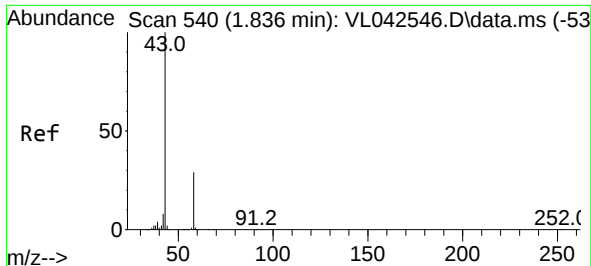
Tgt Ion: 45 Resp: 7286
Ion Ratio Lower Upper
45 100
46 38.3 15.3 61.3



#14
Bromoethene
Concen: 9.404 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

Tgt Ion: 108 Resp: 67627
Ion Ratio Lower Upper
108 100
106 108.0 86.4 129.6
79 15.4 11.9 17.9

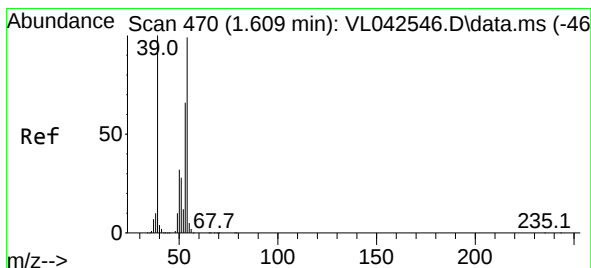
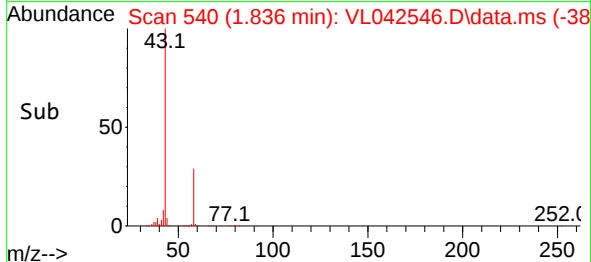
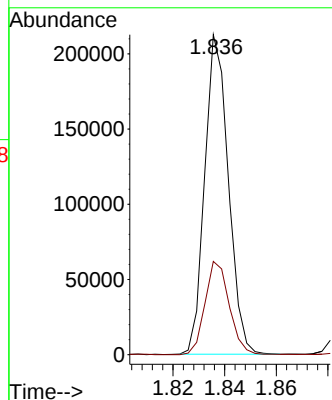
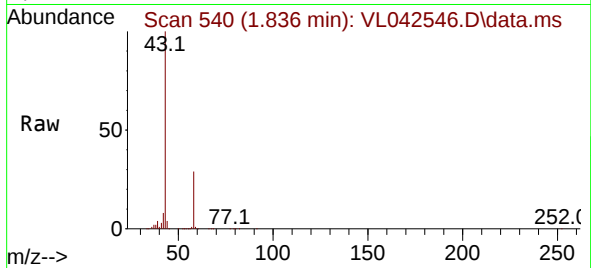




#15
Acetone
Concen: 8.031 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

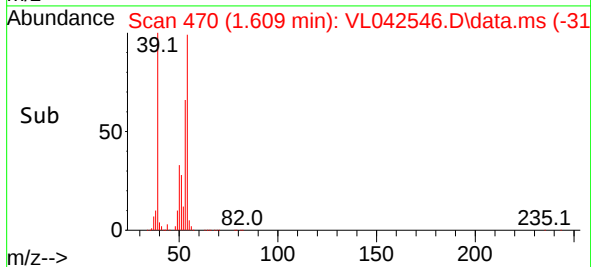
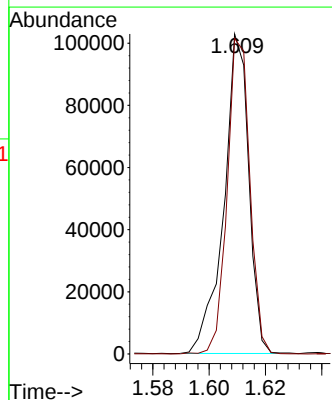
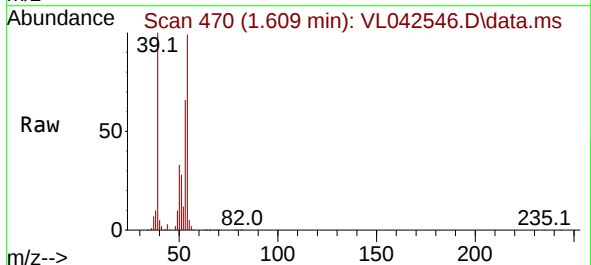
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

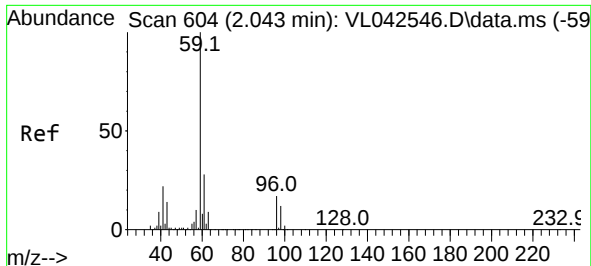
Tgt Ion: 43 Resp: 135337
Ion Ratio Lower Upper
43 100
58 30.2 24.2 36.2



#16
1,3-Butadiene
Concen: 9.253 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

Tgt Ion: 39 Resp: 63306
Ion Ratio Lower Upper
39 100
54 89.8 71.8 107.8

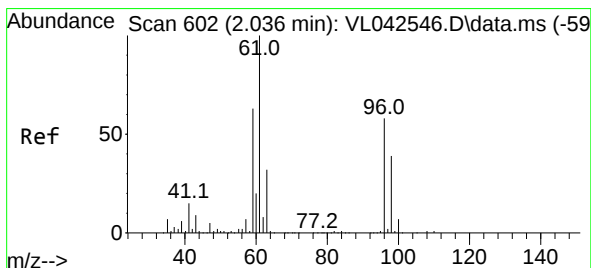
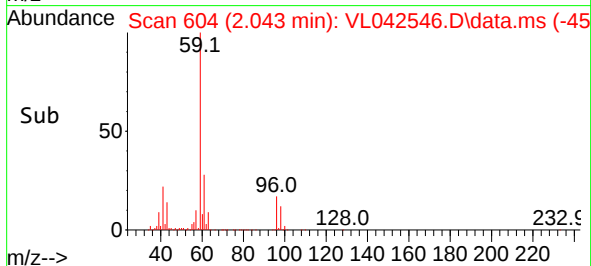
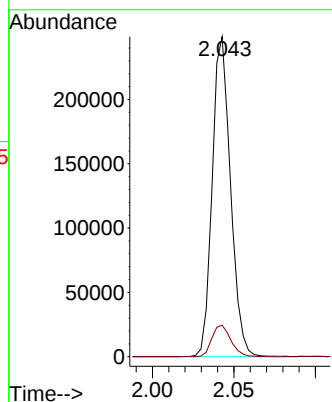
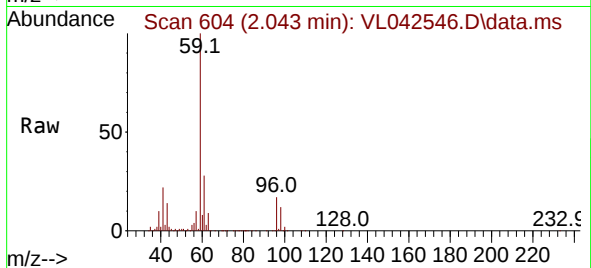




#17
 tert-Butyl alcohol
 Concen: 9.947 ppbv
 RT: 2.043 min Scan# 604
 Delta R.T. 0.000 min
 Lab File: VL042546.D
 Acq: 20 May 2025 09:12

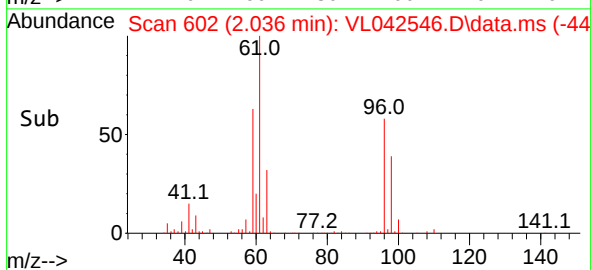
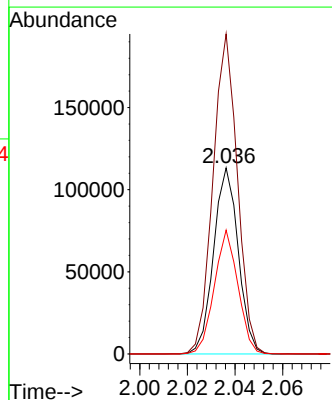
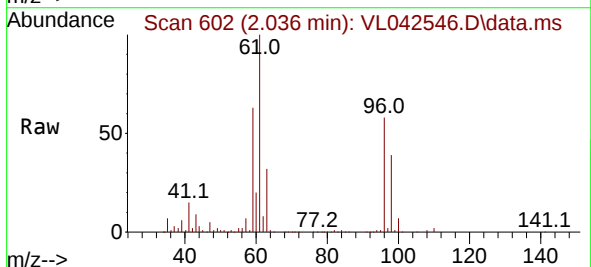
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

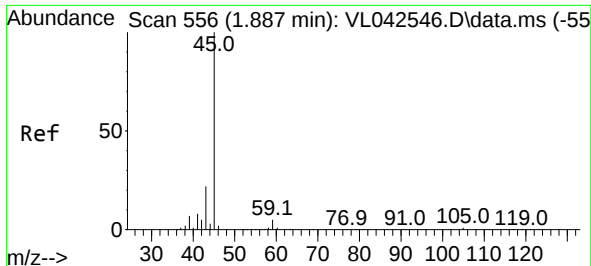
Tgt Ion: 59 Resp: 193722
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2



#18
 1,1-Dichloroethene
 Concen: 9.495 ppbv
 RT: 2.036 min Scan# 602
 Delta R.T. 0.000 min
 Lab File: VL042546.D
 Acq: 20 May 2025 09:12

Tgt Ion: 96 Resp: 81674
 Ion Ratio Lower Upper
 96 100
 61 171.9 137.5 206.3
 98 66.5 53.2 79.8





#19

Isopropyl Alcohol

Concen: 9.683 ppbv

RT: 1.887 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL042546.D

Acq: 20 May 2025 09:12

Instrument :

MSVOA_L

ClientSampleId :

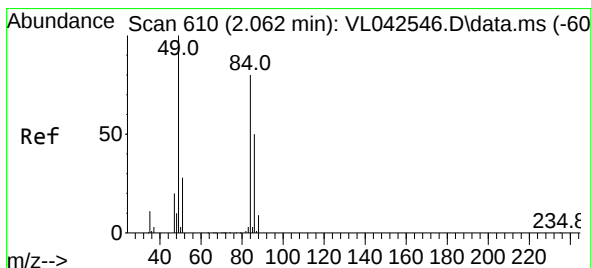
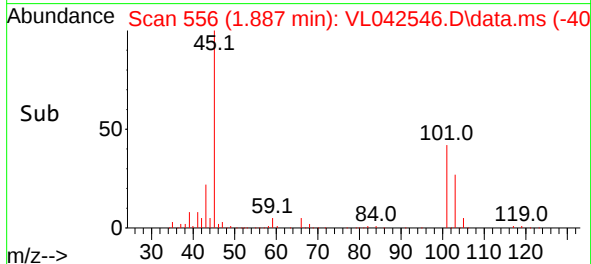
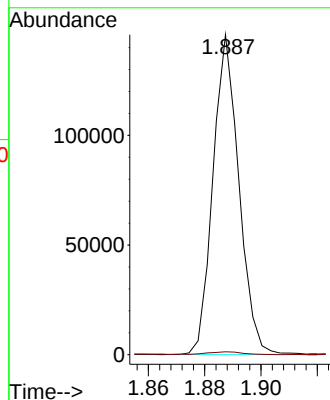
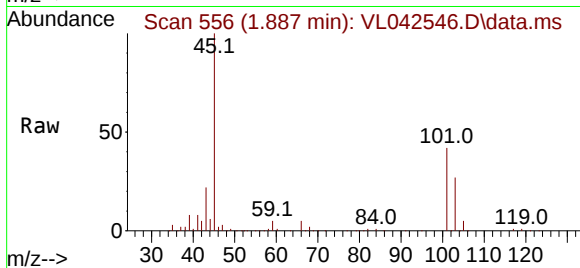
VSTDICCC010

Tgt Ion: 45 Resp: 92795

Ion Ratio Lower Upper

45 100

58 44.1 35.3 52.9



#20

Methylene Chloride

Concen: 8.508 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.000 min

Lab File: VL042546.D

Acq: 20 May 2025 09:12

Tgt Ion: 84 Resp: 69425

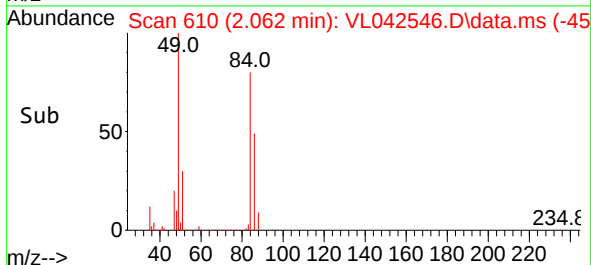
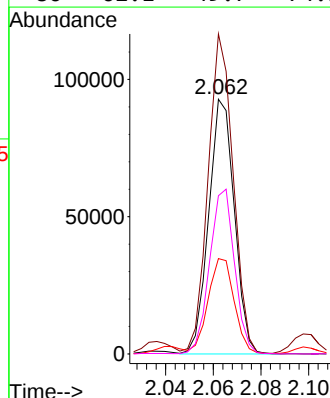
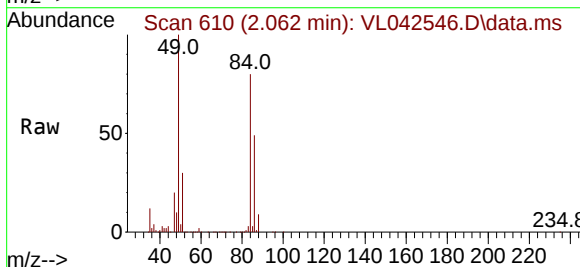
Ion Ratio Lower Upper

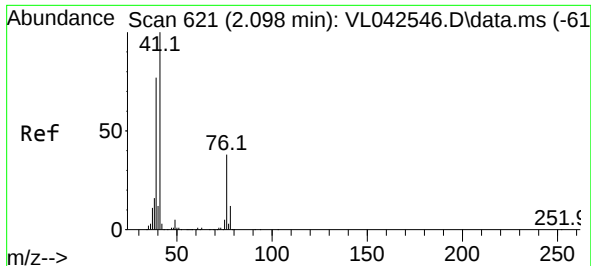
84 100

49 124.6 99.7 149.5

51 37.1 29.7 44.5

86 62.1 49.7 74.5

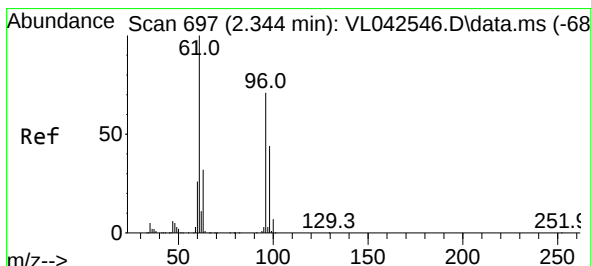
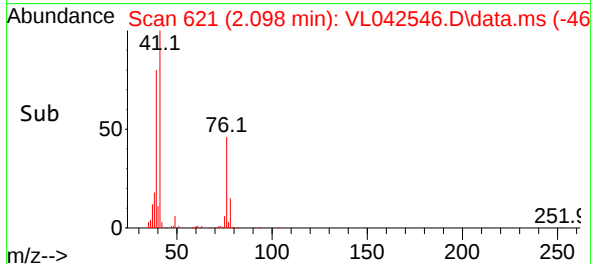
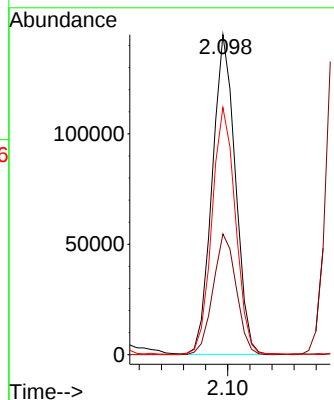
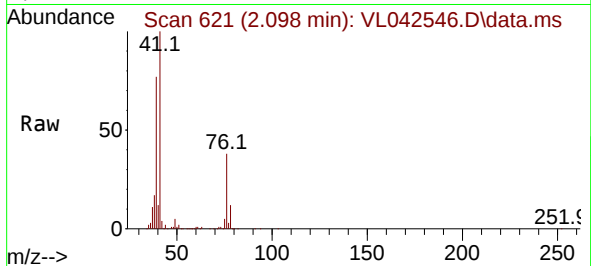




#21
 Allyl Chloride
 Concen: 9.758 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL042546.D
 Acq: 20 May 2025 09:12

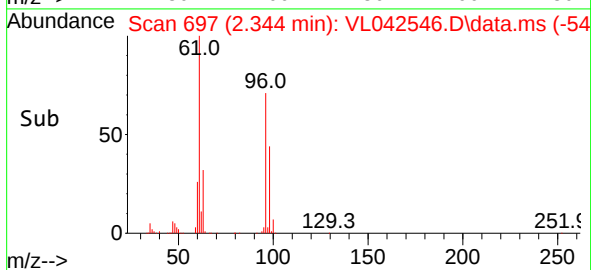
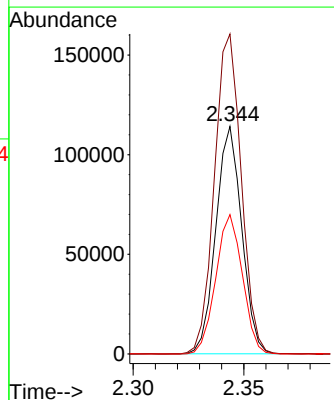
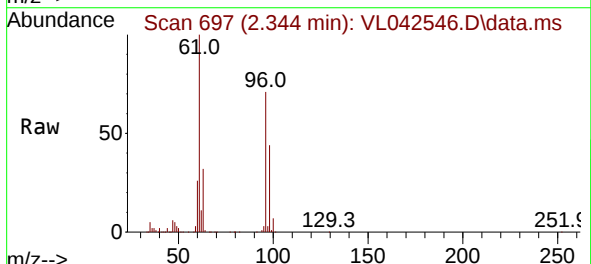
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

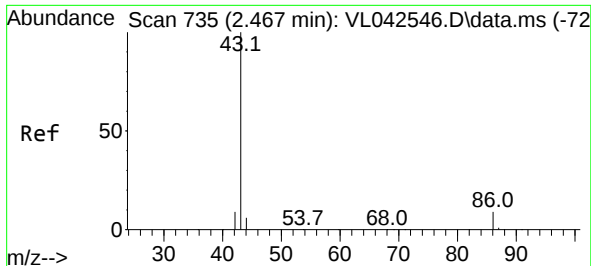
Tgt Ion: 41 Resp: 105332
 Ion Ratio Lower Upper
 41 100
 76 37.8 30.2 45.4
 39 78.3 62.5 93.7



#22
 trans-1,2-Dichloroethene
 Concen: 9.730 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VL042546.D
 Acq: 20 May 2025 09:12

Tgt Ion: 96 Resp: 92908
 Ion Ratio Lower Upper
 96 100
 61 140.7 112.5 168.7
 98 61.3 49.0 73.4



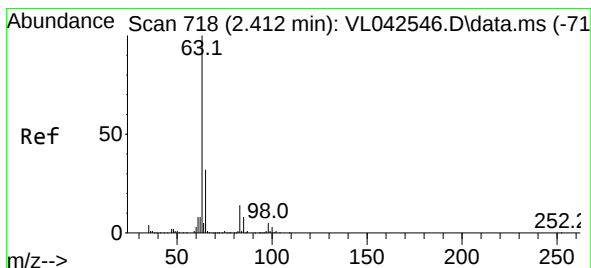
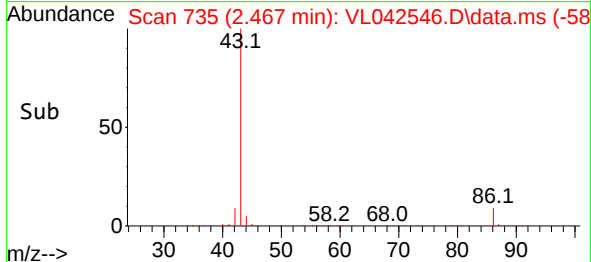
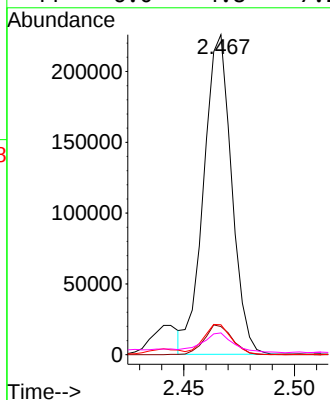
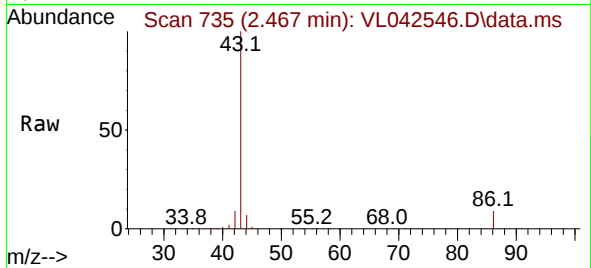


#23
 Vinyl Acetate
 Concen: 10.090 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL042546.D
 Acq: 20 May 2025 09:12

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 43 Resp: 197396

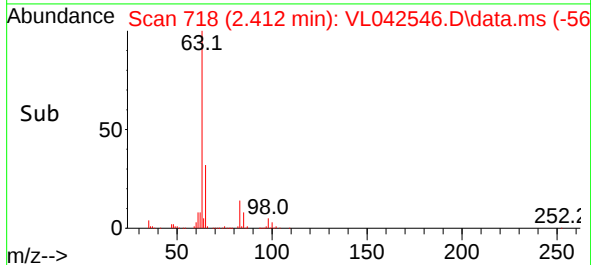
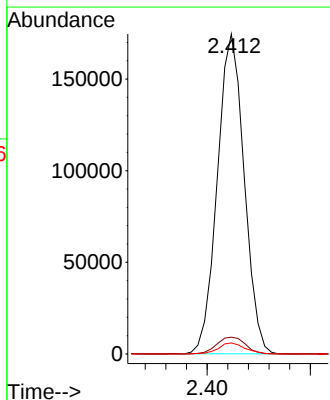
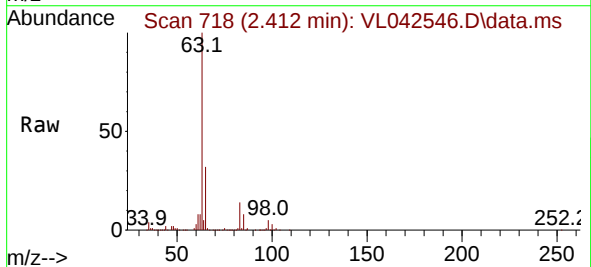
Ion	Ratio	Lower	Upper
43	100		
86	8.8	7.0	10.6
42	9.3	7.4	11.2
44	6.0	4.8	7.2

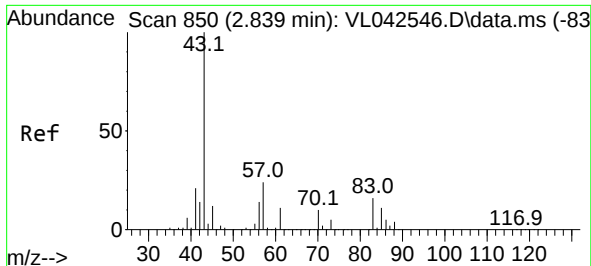


#24
 1,1-Dichloroethane
 Concen: 9.628 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL042546.D
 Acq: 20 May 2025 09:12

Tgt Ion: 63 Resp: 157576

Ion	Ratio	Lower	Upper
63	100		
98	5.2	2.6	7.8
100	3.5	1.8	5.3



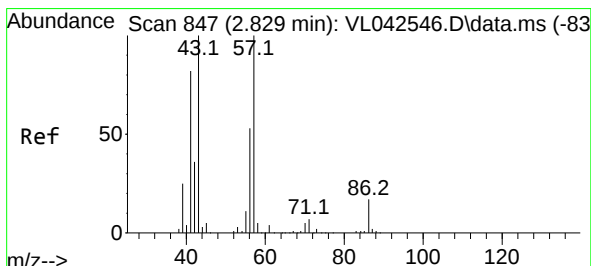
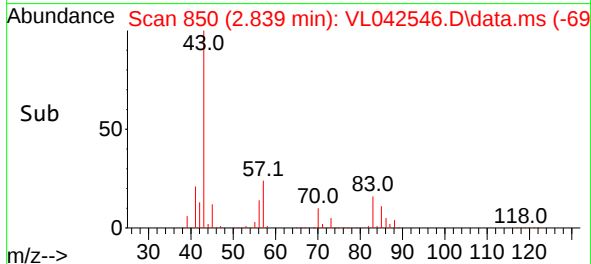
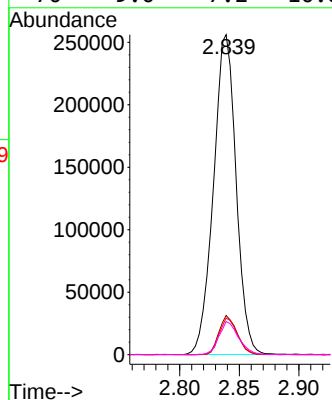
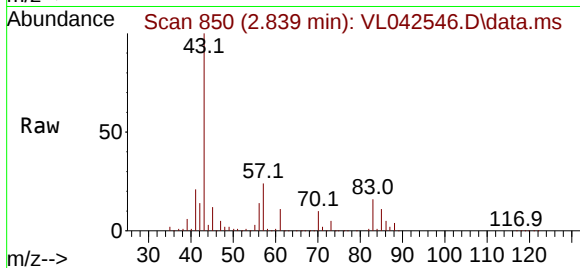


#25
Ethyl Acetate
Concen: 10.357 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 337411

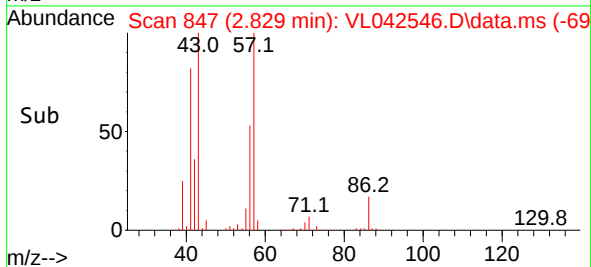
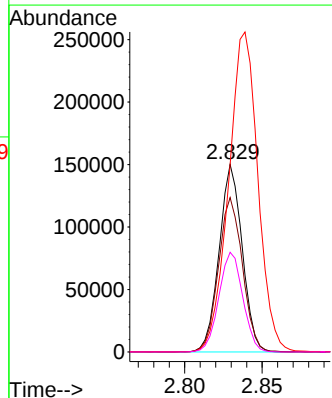
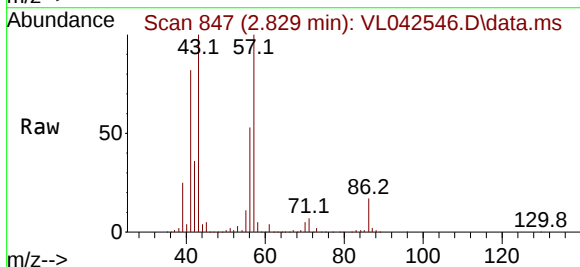
Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.0	12.0
61	9.4	7.5	11.3
70	9.0	7.2	10.8

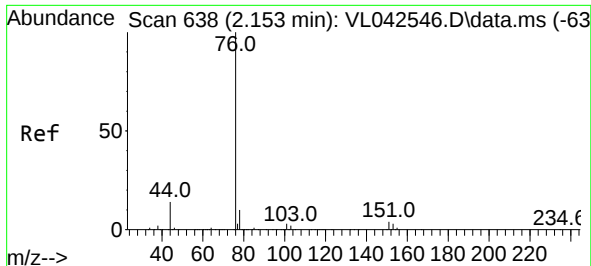


#26
Hexane
Concen: 10.549 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

Tgt Ion: 57 Resp: 155381

Ion	Ratio	Lower	Upper
57	100		
41	86.3	69.0	103.4
43	217.7	174.2	261.2
56	55.1	44.1	66.1





#27

Carbon Disulfide

Concen: 10.023 ppbv

RT: 2.153 min Scan# 61

Delta R.T. 0.000 min

Lab File: VL042546.D

Acq: 20 May 2025 09:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

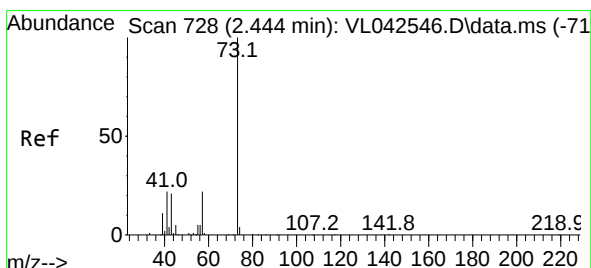
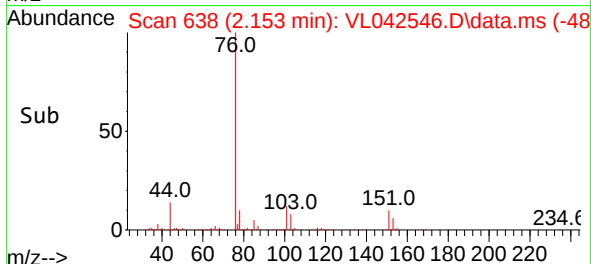
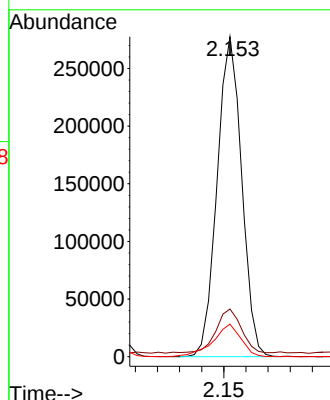
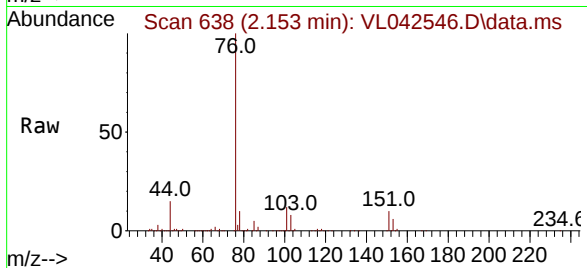
Tgt Ion: 76 Resp: 213850

Ion Ratio Lower Upper

76 100

44 17.9 14.0 21.0

78 11.6 9.4 14.0



#28

Methyl tert-Butyl Ether

Concen: 9.623 ppbv

RT: 2.444 min Scan# 728

Delta R.T. 0.000 min

Lab File: VL042546.D

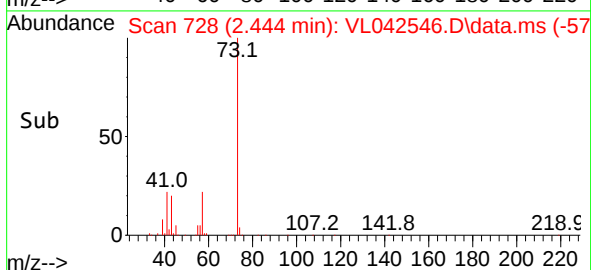
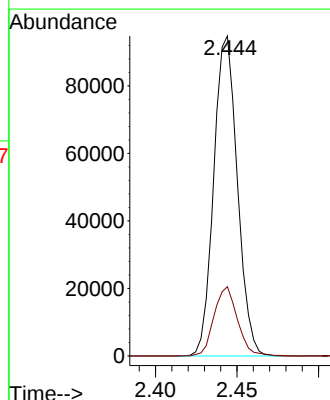
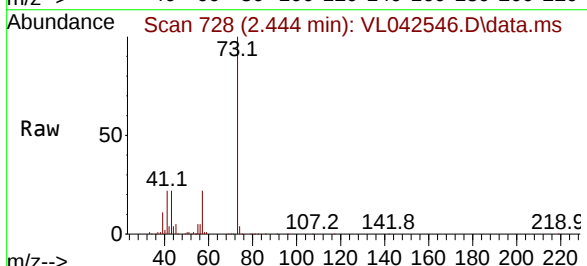
Acq: 20 May 2025 09:12

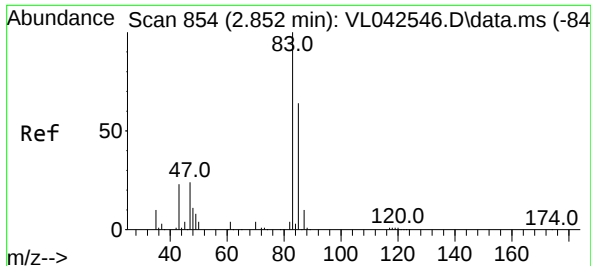
Tgt Ion: 73 Resp: 95511

Ion Ratio Lower Upper

73 100

57 21.5 17.2 25.8





#29

Chloroform

Concen: 9.642 ppbv

RT: 2.852 min Scan# 854

Delta R.T. 0.000 min

Lab File: VL042546.D

Acq: 20 May 2025 09:12

Instrument :

MSVOA_1

ClientSampleId :

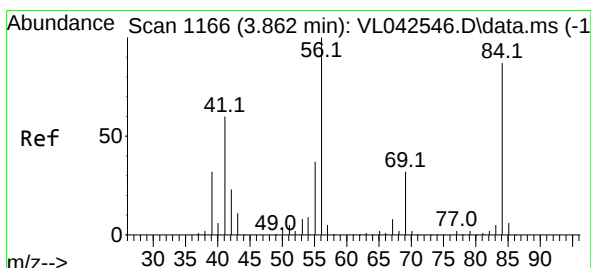
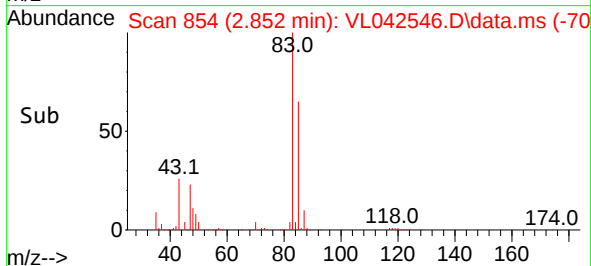
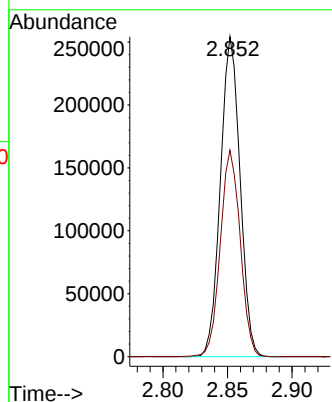
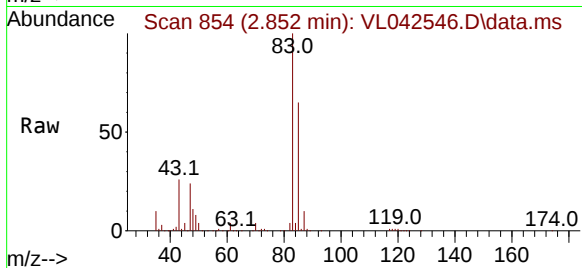
VSTDICCC010

Tgt Ion: 83 Resp: 268571

Ion Ratio Lower Upper

83 100

85 64.5 51.6 77.4



#30

Cyclohexane

Concen: 11.027 ppbv

RT: 3.862 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VL042546.D

Acq: 20 May 2025 09:12

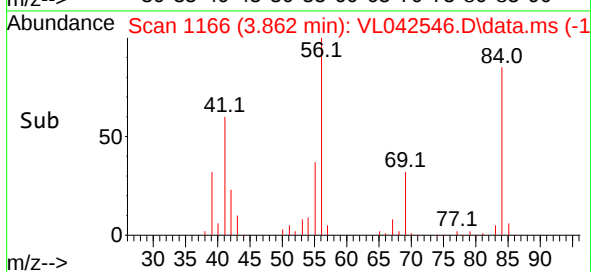
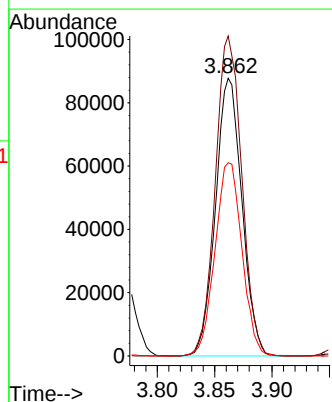
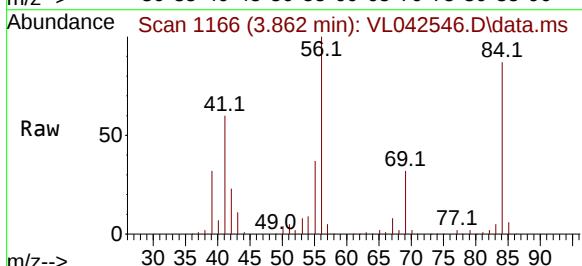
Tgt Ion: 84 Resp: 140511

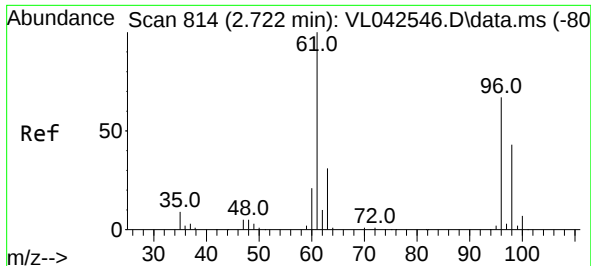
Ion Ratio Lower Upper

84 100

56 115.4 92.3 138.5

41 71.2 57.0 85.4

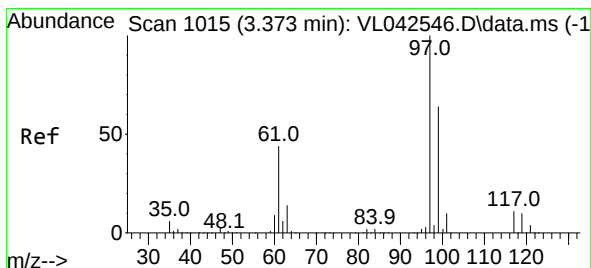
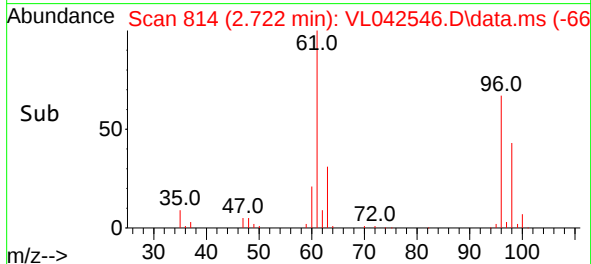
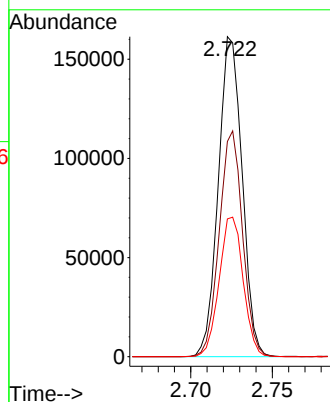
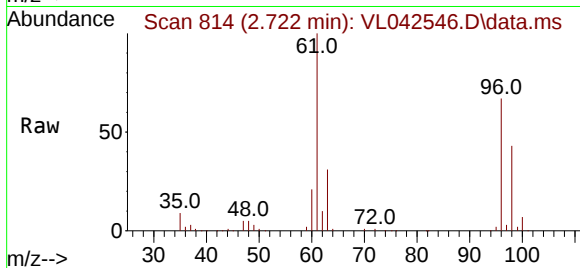




#31
 cis-1,2-Dichloroethene
 Concen: 10.135 ppbv
 RT: 2.722 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VL042546.D
 Acq: 20 May 2025 09:12

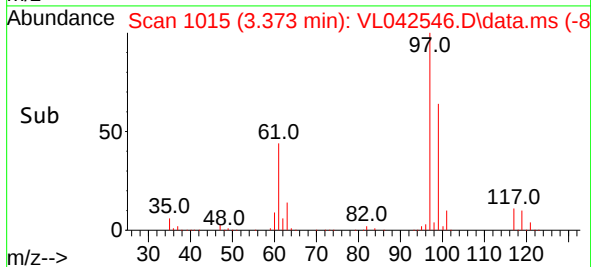
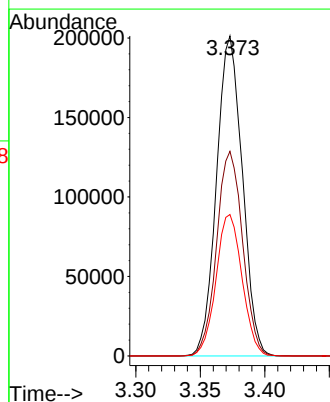
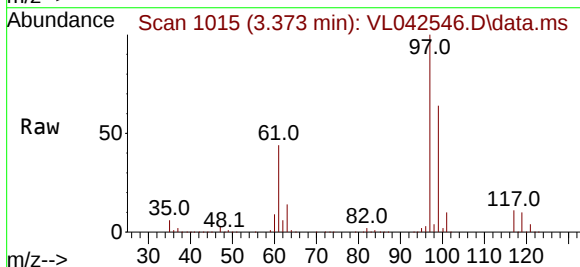
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

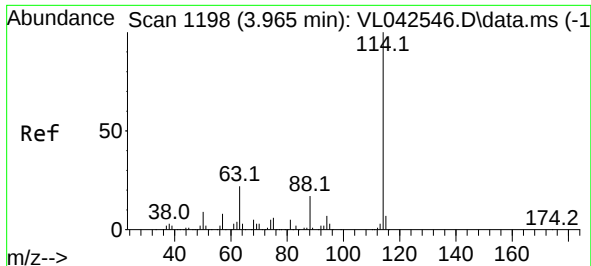
Tgt Ion: 61 Resp: 164131
 Ion Ratio Lower Upper
 61 100
 96 67.3 53.8 80.8
 98 43.1 34.5 51.7



#32
 1,1,1-Trichloroethane
 Concen: 9.844 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.000 min
 Lab File: VL042546.D
 Acq: 20 May 2025 09:12

Tgt Ion: 97 Resp: 280218
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.5 77.3
 61 44.6 35.7 53.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. 0.000 min

Lab File: VL042546.D

Acq: 20 May 2025 09:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

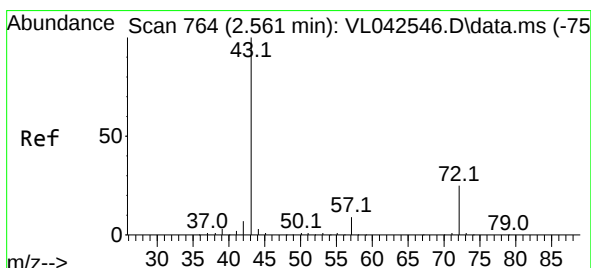
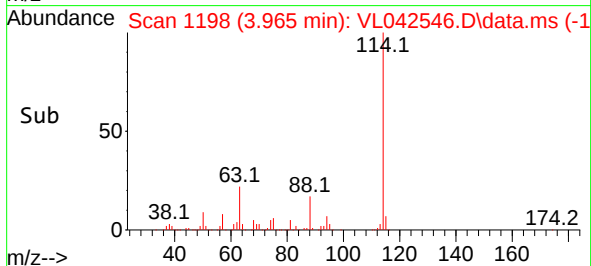
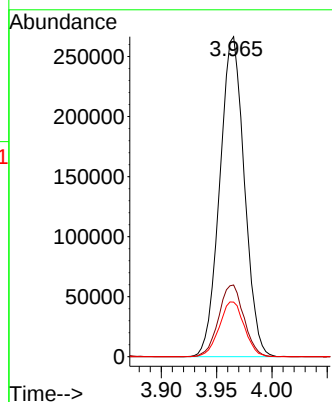
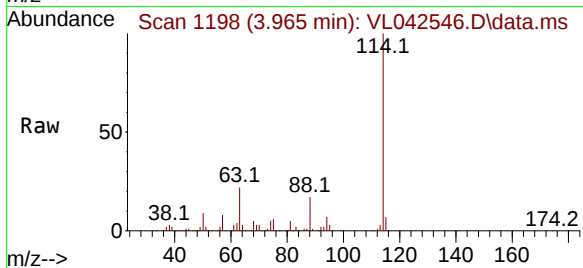
Tgt Ion:114 Resp: 411974

Ion Ratio Lower Upper

114 100

63 23.0 18.4 27.6

88 17.5 14.0 21.0



#34

2-Butanone

Concen: 9.694 ppbv

RT: 2.561 min Scan# 764

Delta R.T. 0.000 min

Lab File: VL042546.D

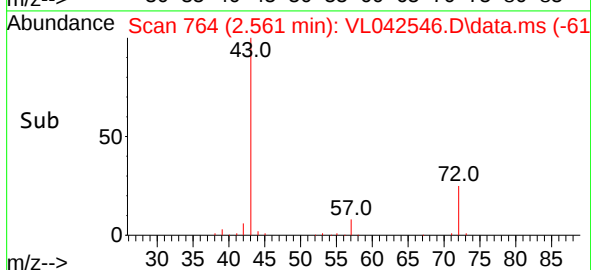
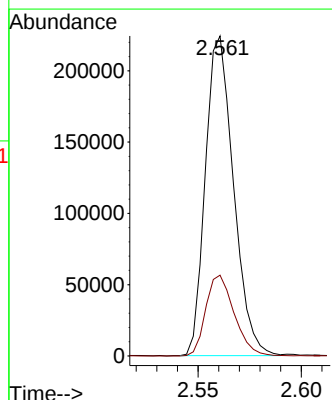
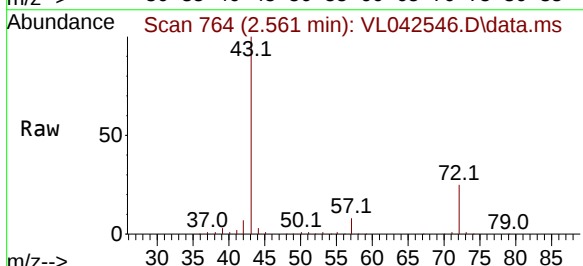
Acq: 20 May 2025 09:12

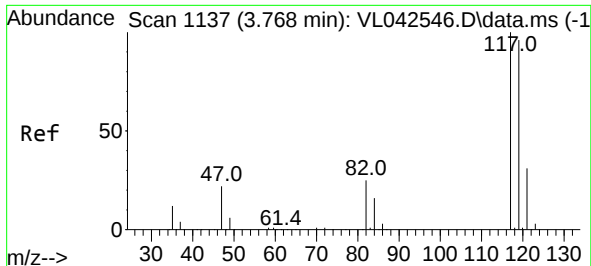
Tgt Ion: 43 Resp: 212000

Ion Ratio Lower Upper

43 100

72 25.7 20.5 30.7

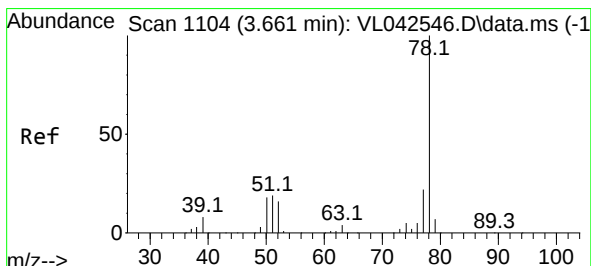
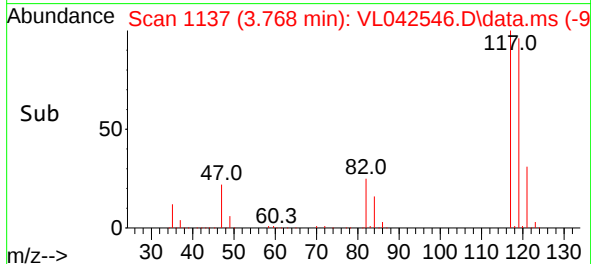
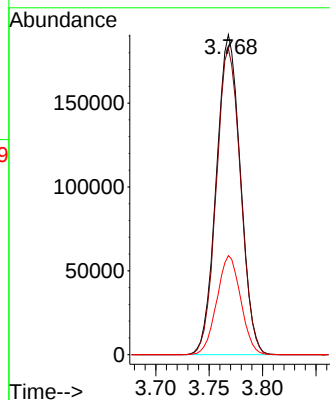
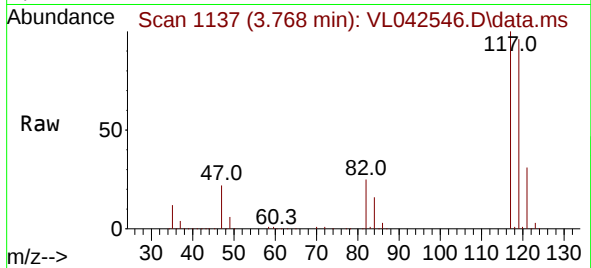




#35
Carbon Tetrachloride
Concen: 9.536 ppbv
RT: 3.768 min Scan# 1137
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

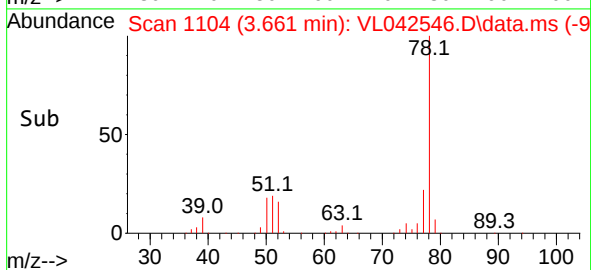
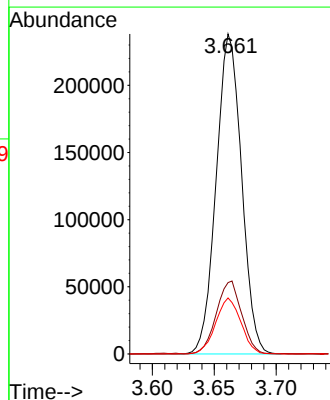
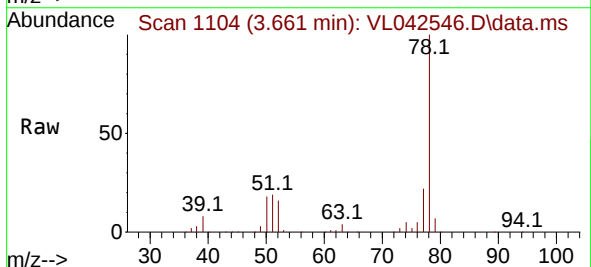
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

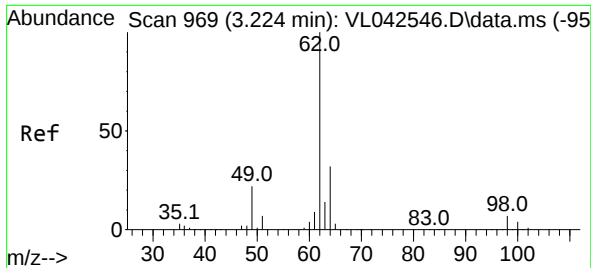
Tgt Ion:117 Resp: 299447
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8
121 30.9 24.7 37.1



#36
Benzene
Concen: 10.185 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

Tgt Ion: 78 Resp: 339567
Ion Ratio Lower Upper
78 100
77 22.2 17.8 26.6
50 17.5 14.0 21.0

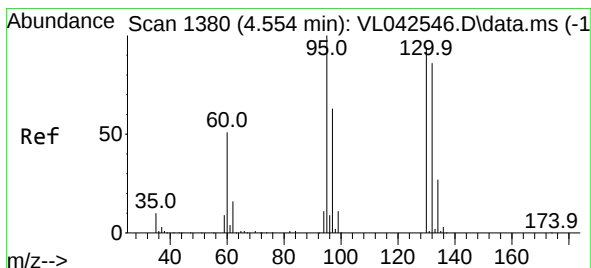
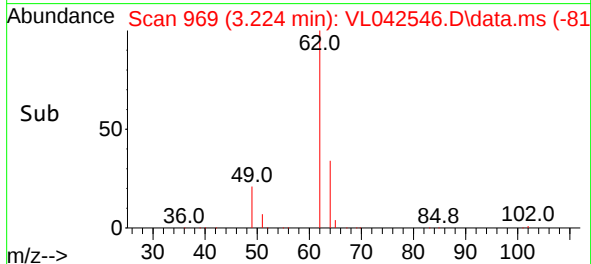
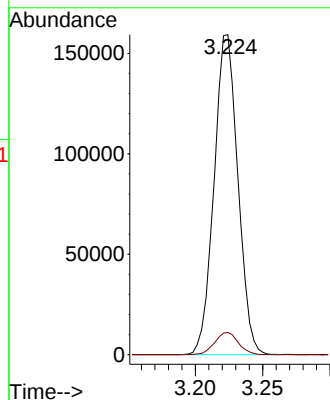
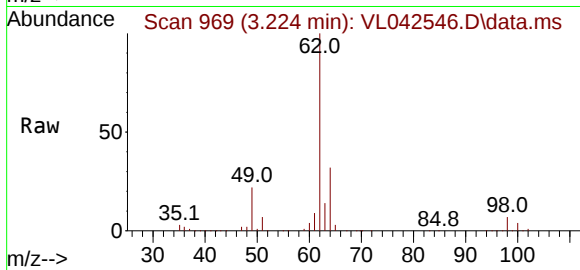




#37
1,2-Dichloroethane
Concen: 9.622 ppbv
RT: 3.224 min Scan# 969
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

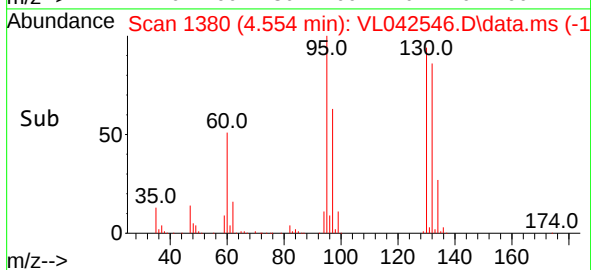
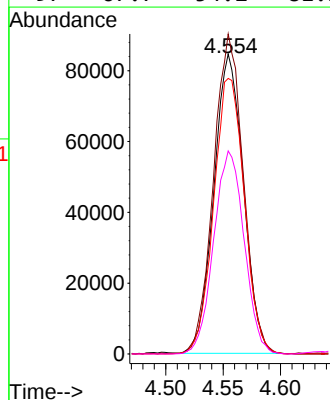
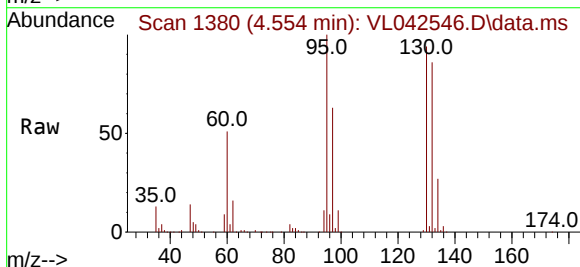
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

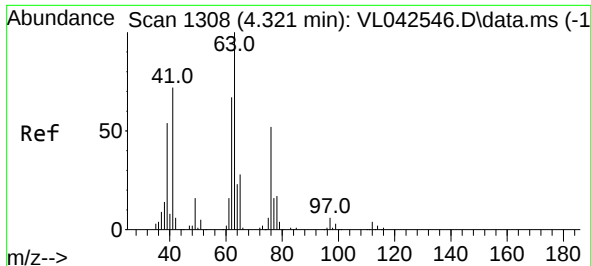
Tgt Ion: 62 Resp: 196002
Ion Ratio Lower Upper
62 100
98 6.9 5.5 8.3



#38
Trichloroethene
Concen: 9.959 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

Tgt Ion: 130 Resp: 151528
Ion Ratio Lower Upper
130 100
95 106.5 85.2 127.8
132 91.8 73.4 110.2
97 67.7 54.2 81.2





#39

1,2-Dichloropropane

Concen: 9.858 ppbv

RT: 4.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL042546.D

Acq: 20 May 2025 09:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

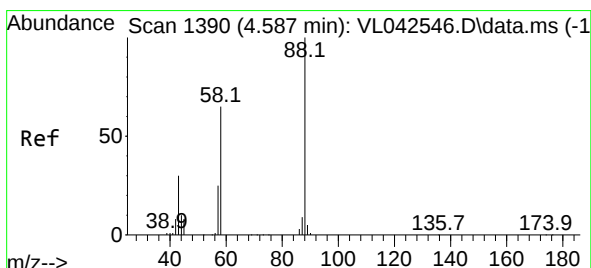
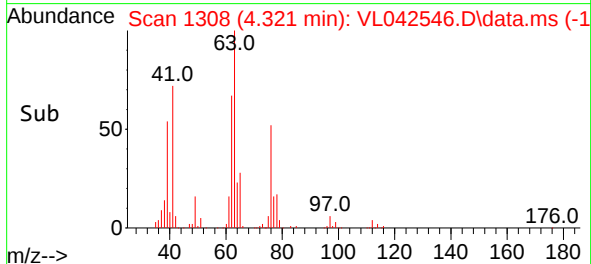
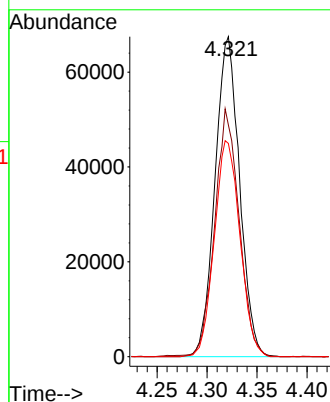
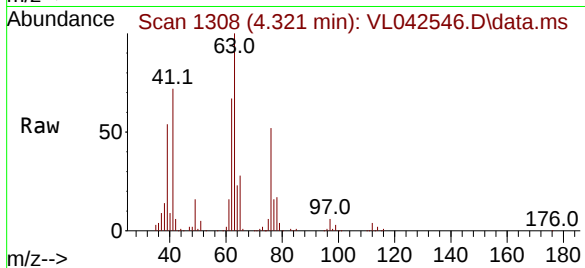
Tgt Ion: 63 Resp: 115351

Ion Ratio Lower Upper

63 100

41 72.5 58.0 87.0

62 66.6 53.3 79.9



#40

1,4-Dioxane

Concen: 10.849 ppbv

RT: 4.587 min Scan# 1390

Delta R.T. 0.000 min

Lab File: VL042546.D

Acq: 20 May 2025 09:12

Tgt Ion: 88 Resp: 57112

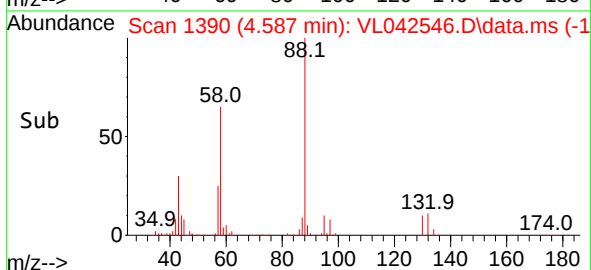
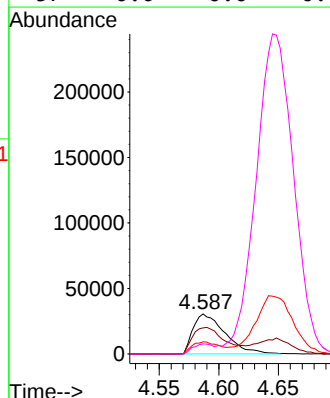
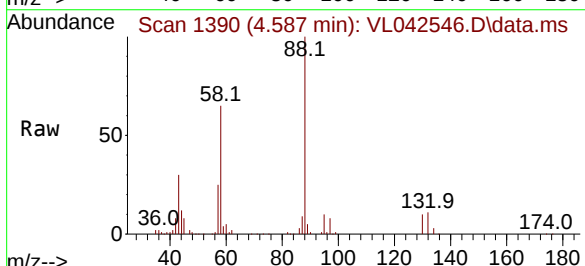
Ion Ratio Lower Upper

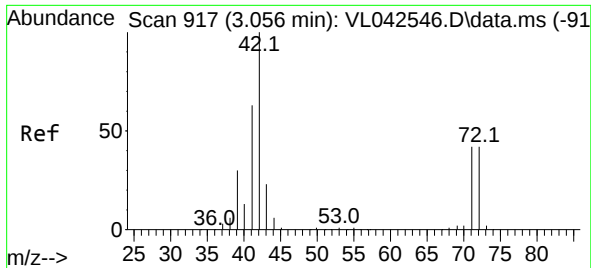
88 100

58 68.1 52.8 79.2

43 29.6 23.0 34.4

57 0.0 0.0 0.0

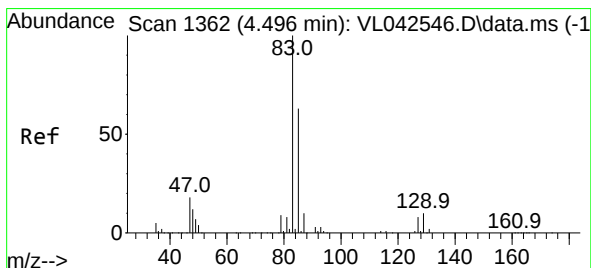
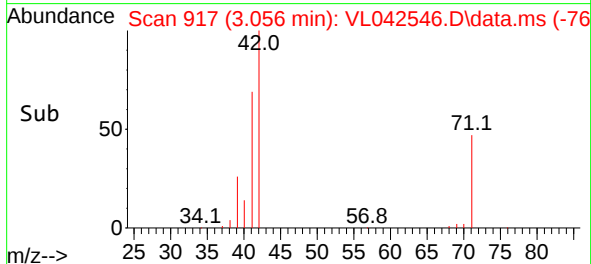
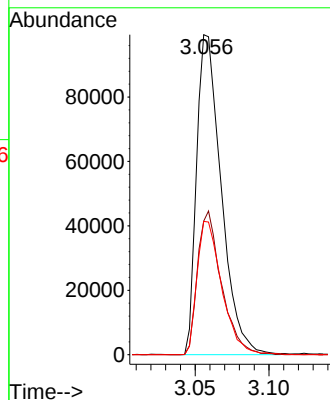
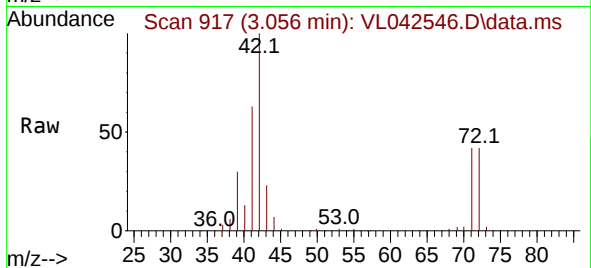




#41
Tetrahydrofuran
Concen: 10.849 ppbv
RT: 3.056 min Scan# 917
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

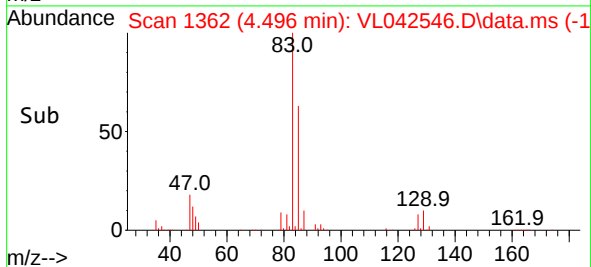
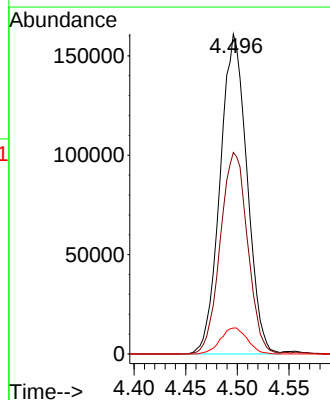
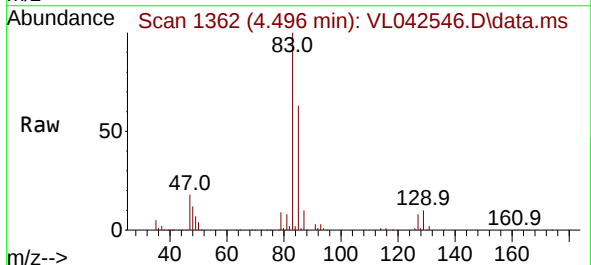
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

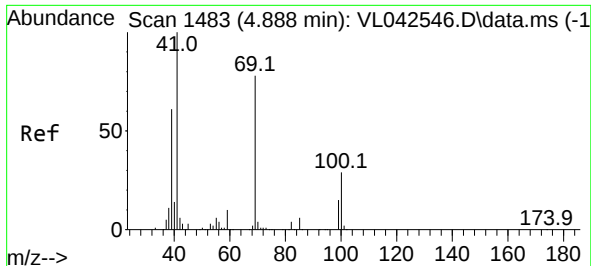
Tgt Ion: 42 Resp: 115659
Ion Ratio Lower Upper
42 100
72 43.5 34.8 52.2
71 42.0 33.6 50.4



#42
Bromodichloromethane
Concen: 10.141 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

Tgt Ion: 83 Resp: 291398
Ion Ratio Lower Upper
83 100
85 63.0 50.4 75.6
127 8.1 6.5 9.7

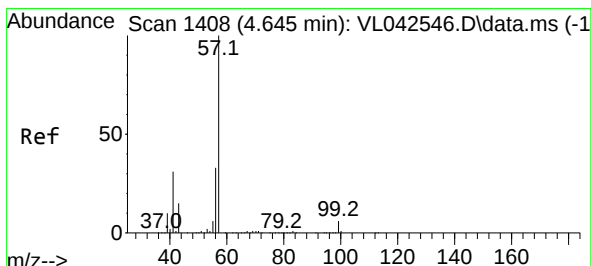
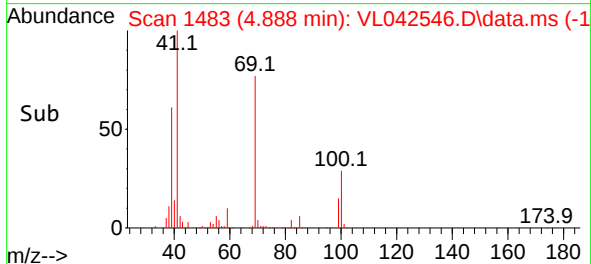
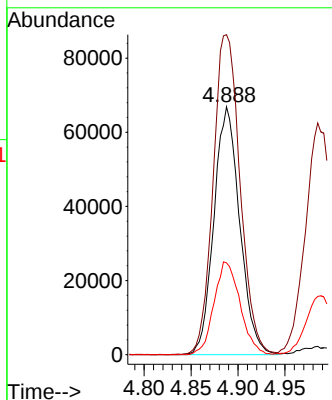
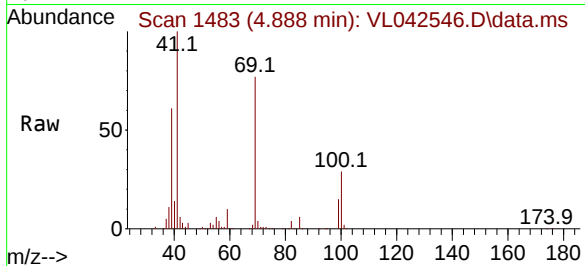




#43
Methyl Methacrylate
Concen: 11.312 ppbv
RT: 4.888 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

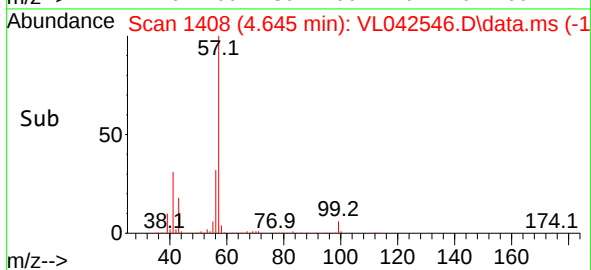
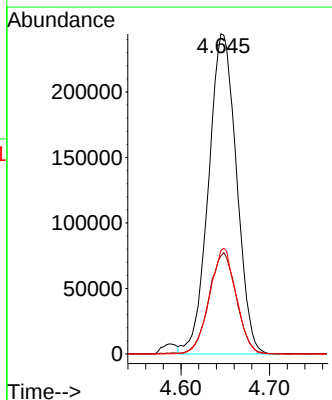
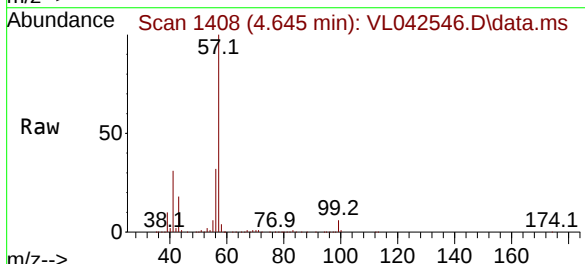
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

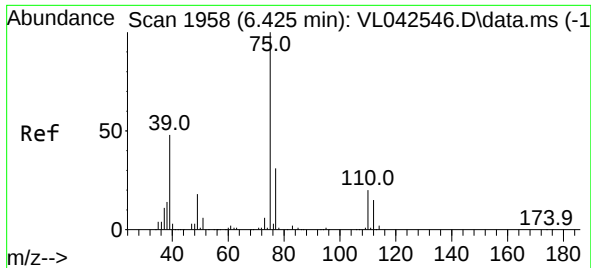
Tgt Ion: 69 Resp: 127722
Ion Ratio Lower Upper
69 100
41 135.0 107.8 161.8
100 37.9 30.3 45.5



#44
2,2,4-Trimethylpentane
Concen: 10.532 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

Tgt Ion: 57 Resp: 536753
Ion Ratio Lower Upper
57 100
41 31.3 25.0 37.4
56 31.4 25.1 37.7

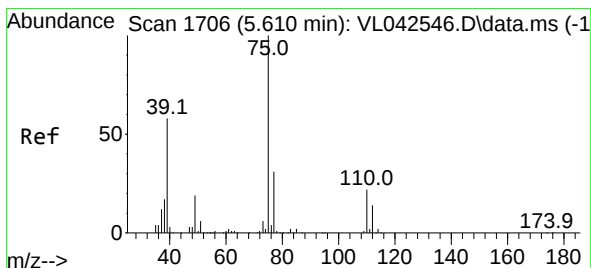
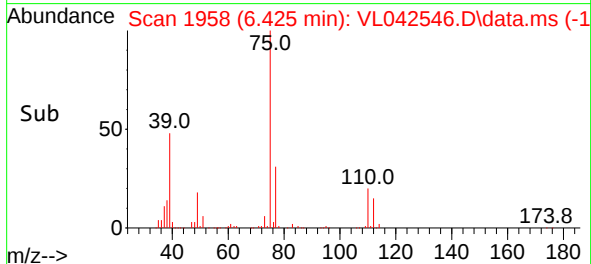
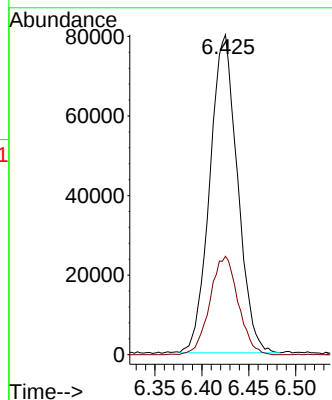
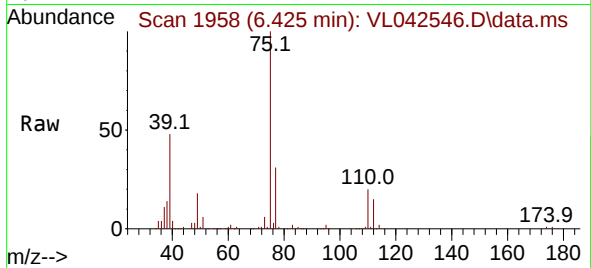




#45
 t-1,3-Dichloropropene
 Concen: 11.360 ppbv
 RT: 6.425 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VL042546.D
 Acq: 20 May 2025 09:12

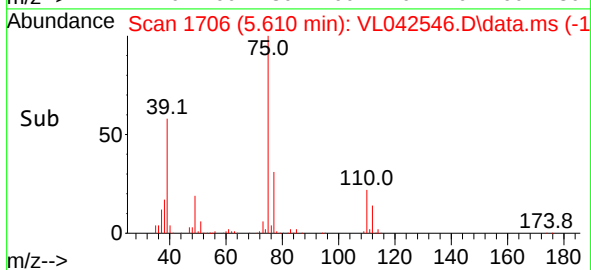
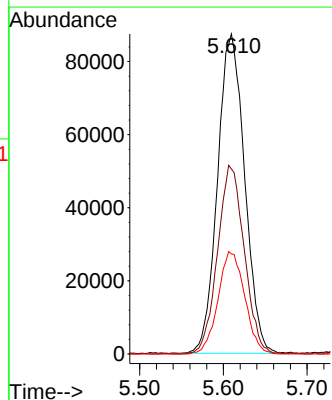
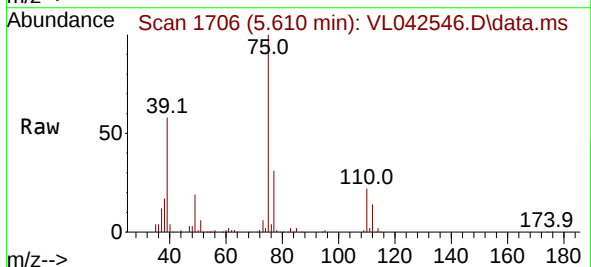
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

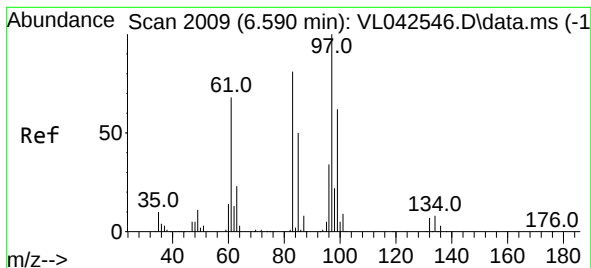
Tgt Ion: 75 Resp: 163637
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 37.0



#46
 cis-1,3-Dichloropropene
 Concen: 11.227 ppbv
 RT: 5.610 min Scan# 1706
 Delta R.T. 0.000 min
 Lab File: VL042546.D
 Acq: 20 May 2025 09:12

Tgt Ion: 75 Resp: 196277
 Ion Ratio Lower Upper
 75 100
 39 57.9 46.3 69.5
 77 31.3 25.0 37.6





#47

1,1,2-Trichloroethane

Concen: 9.839 ppbv

RT: 6.590 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VL042546.D

Acq: 20 May 2025 09:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 137930

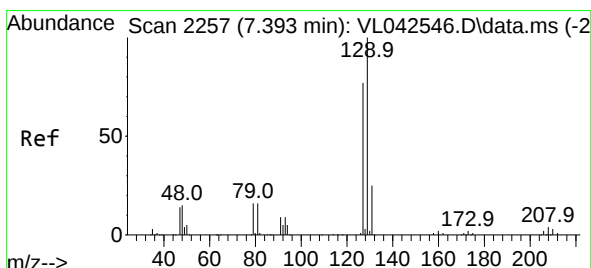
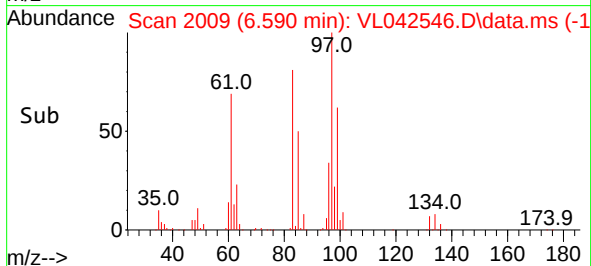
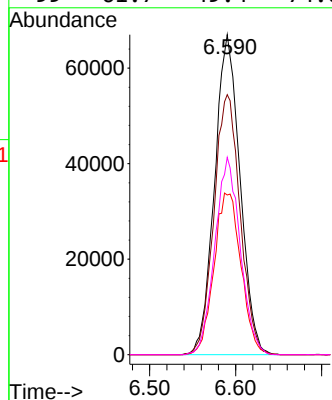
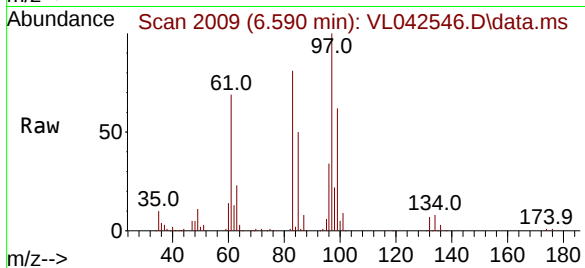
Ion Ratio Lower Upper

97 100

83 81.2 65.0 97.4

85 49.9 39.9 59.9

99 61.7 49.4 74.0



#48

Dibromochloromethane

Concen: 10.392 ppbv

RT: 7.393 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VL042546.D

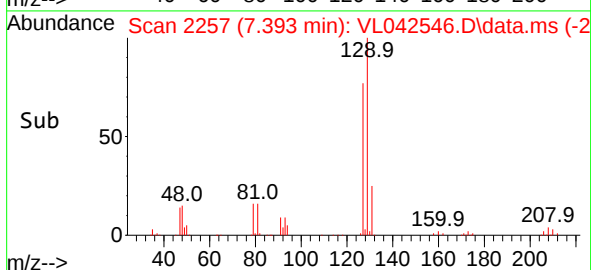
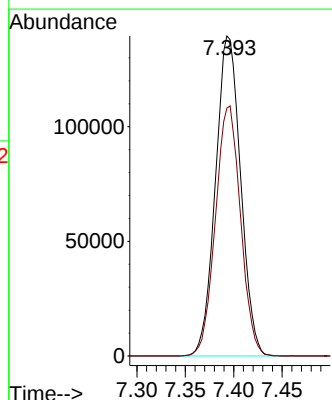
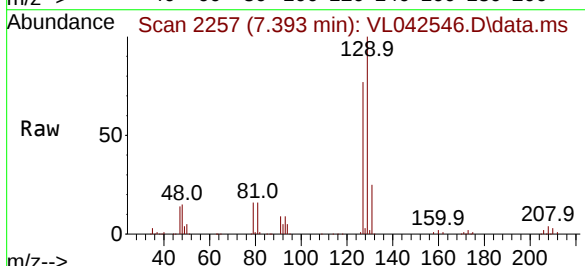
Acq: 20 May 2025 09:12

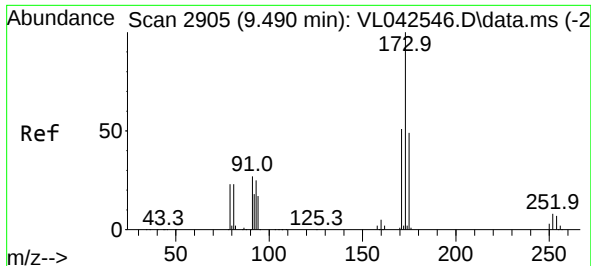
Tgt Ion: 129 Resp: 252105

Ion Ratio Lower Upper

129 100

127 78.0 39.0 117.0

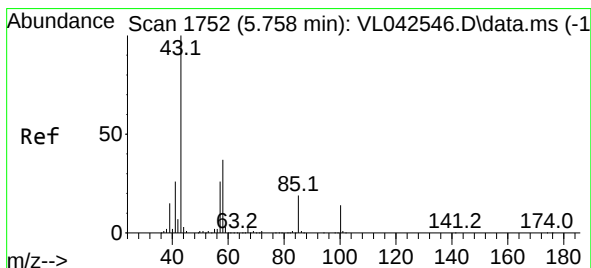
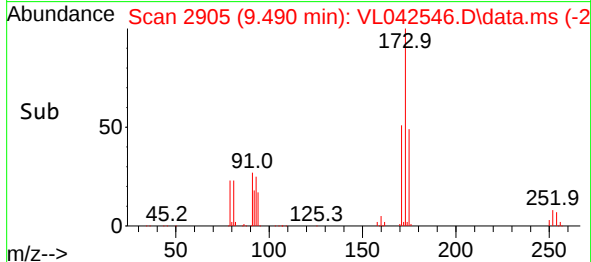
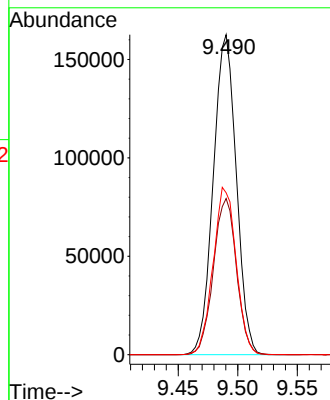
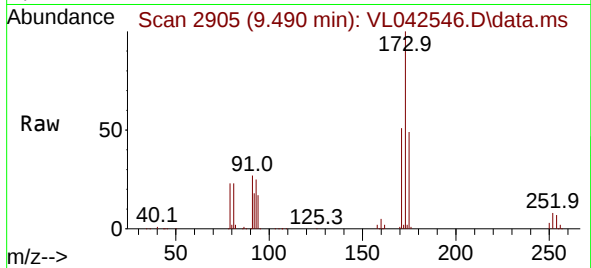




#49
Bromoform
Concen: 10.556 ppbv
RT: 9.490 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

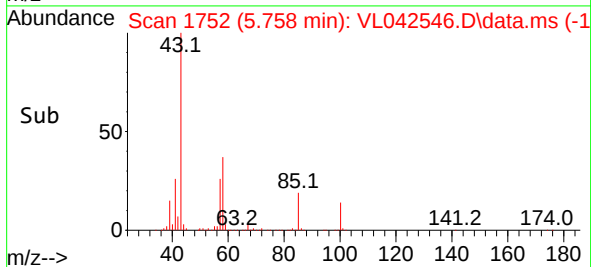
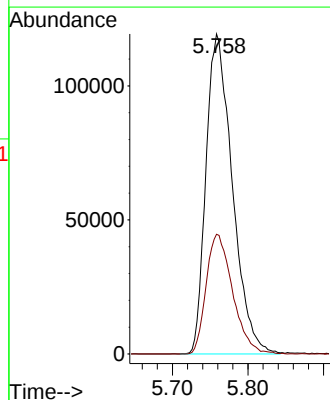
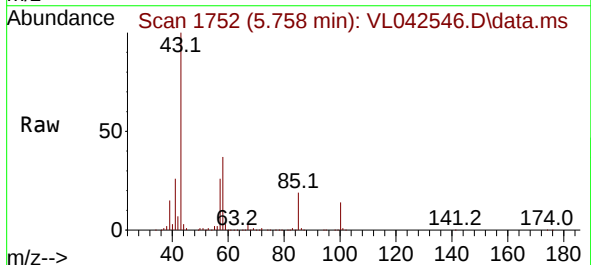
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

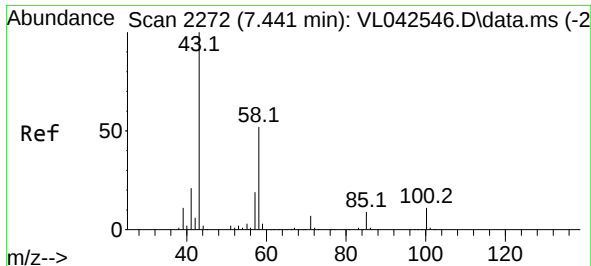
Tgt Ion:173 Resp: 218558
Ion Ratio Lower Upper
173 100
175 49.0 39.2 58.8
171 52.4 41.9 62.9



#50
4-Methyl-2-Pentanone
Concen: 11.049 ppbv
RT: 5.758 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

Tgt Ion: 43 Resp: 289347
Ion Ratio Lower Upper
43 100
58 37.5 30.0 45.0

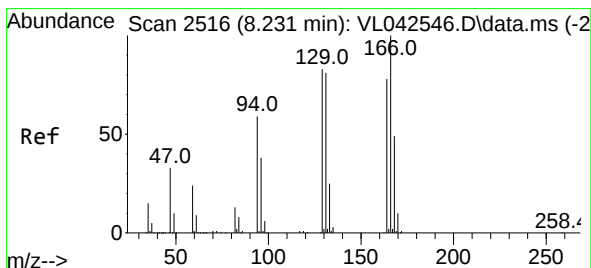
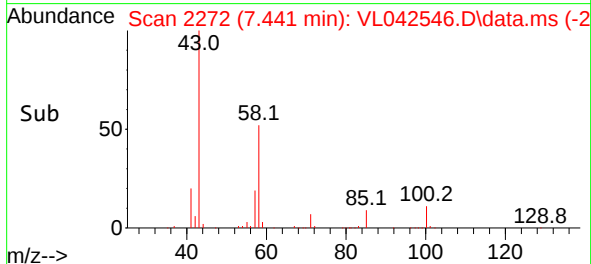
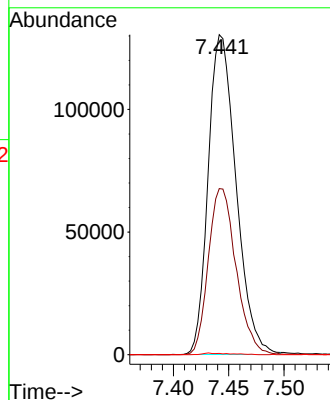
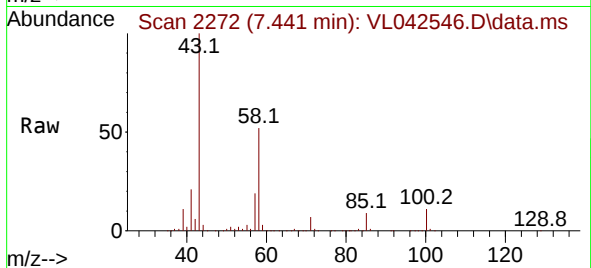




#51
2-Hexanone
Concen: 11.869 ppbv
RT: 7.441 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

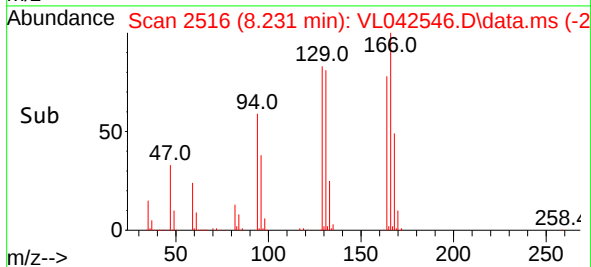
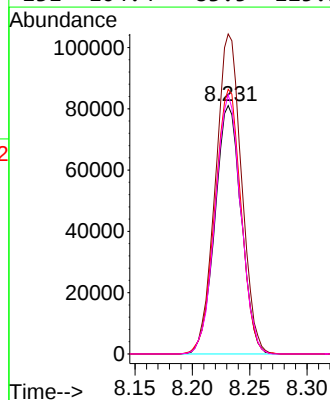
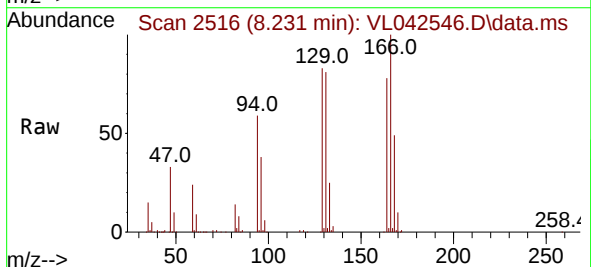
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

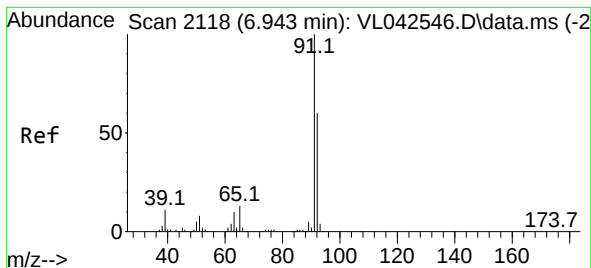
Tgt Ion: 43 Resp: 228279
Ion Ratio Lower Upper
43 100
58 51.8 41.4 62.2
98 0.5 0.4 0.6



#52
Tetrachloroethene
Concen: 9.903 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

Tgt Ion: 164 Resp: 128749
Ion Ratio Lower Upper
164 100
166 128.9 103.1 154.7
129 106.6 85.3 127.9
131 104.4 83.5 125.3





#53

Toluene

Concen: 11.054 ppbv

RT: 6.943 min Scan# 2118

Delta R.T. 0.000 min

Lab File: VL042546.D

Acq: 20 May 2025 09:12

Instrument :

MSVOA_L

ClientSampleId :

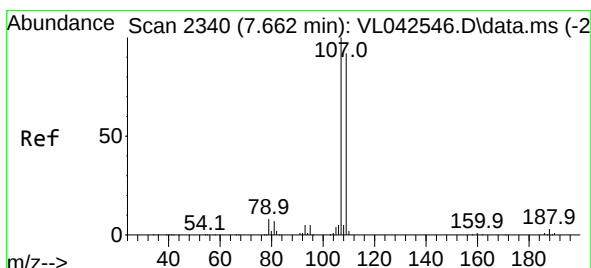
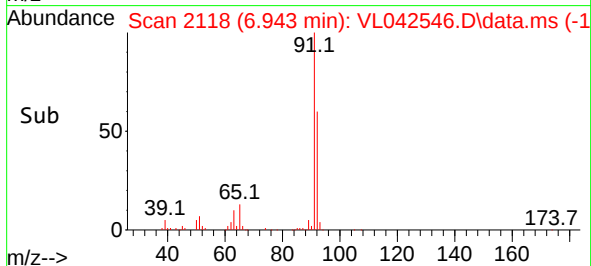
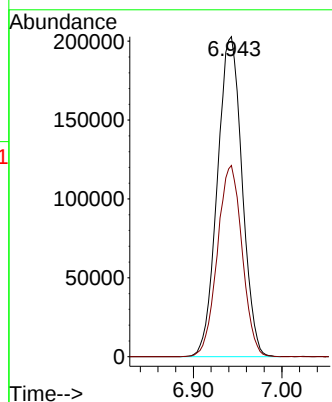
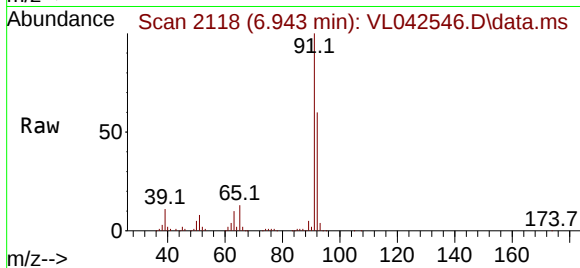
VSTDICCC010

Tgt Ion: 91 Resp: 393948

Ion Ratio Lower Upper

91 100

92 59.8 47.8 71.8



#54

1,2-Dibromoethane

Concen: 10.520 ppbv

RT: 7.662 min Scan# 2340

Delta R.T. 0.000 min

Lab File: VL042546.D

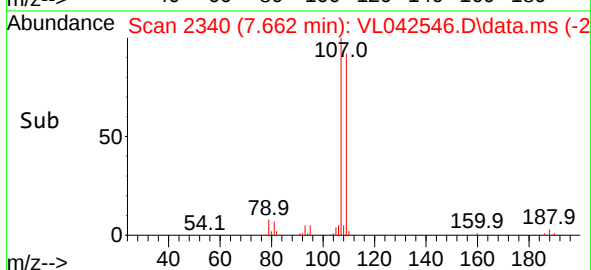
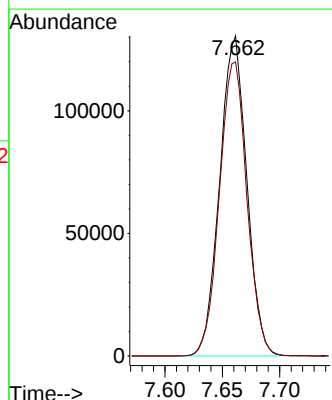
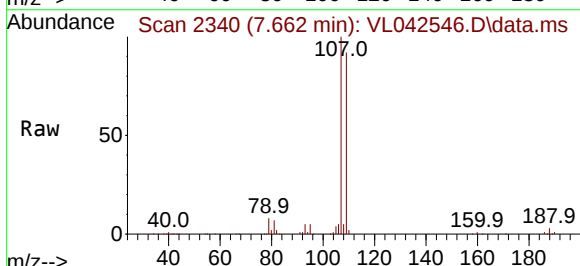
Acq: 20 May 2025 09:12

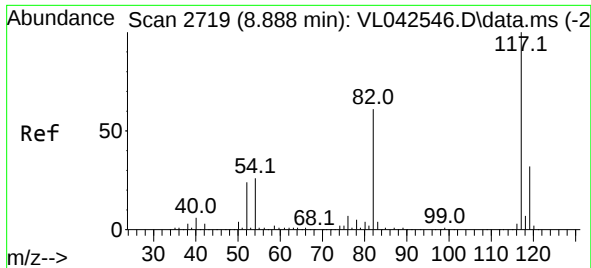
Tgt Ion: 107 Resp: 214451

Ion Ratio Lower Upper

107 100

109 91.8 73.4 110.2

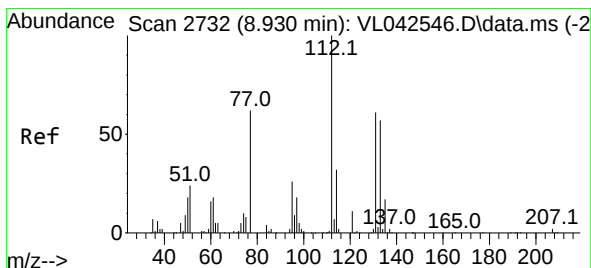
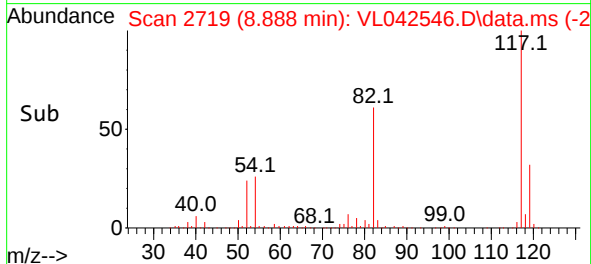
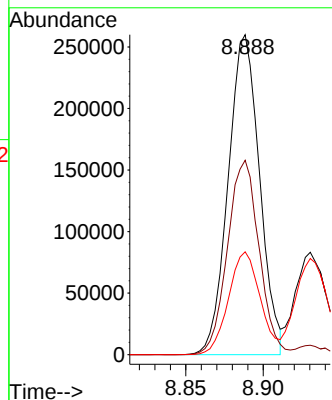
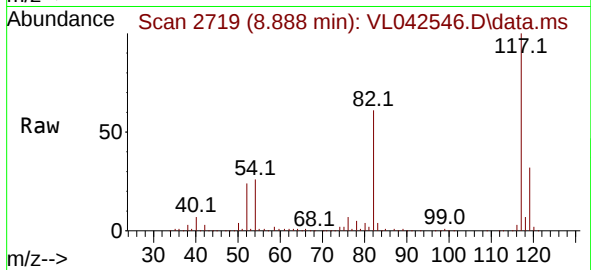




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

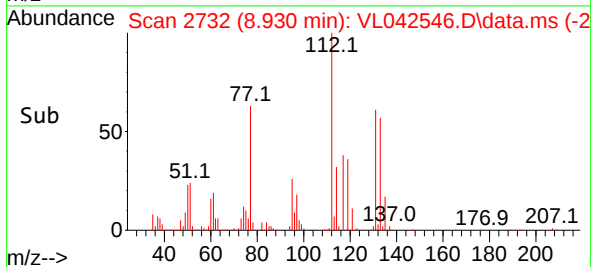
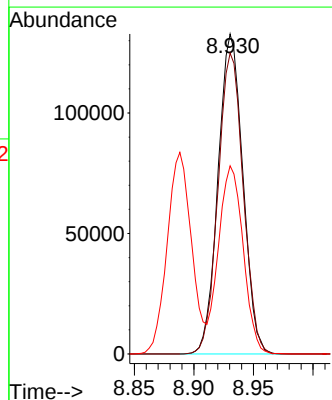
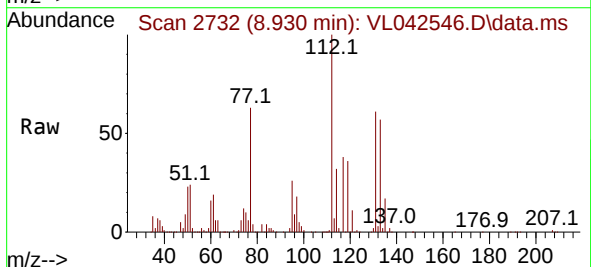
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

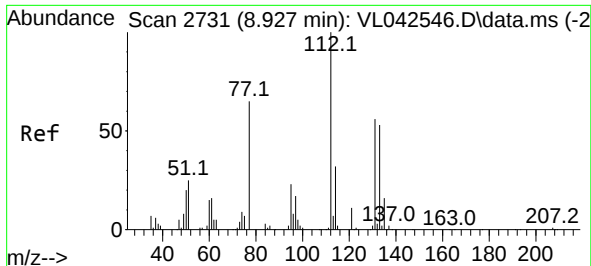
Tgt Ion:117 Resp: 367493
Ion Ratio Lower Upper
117 100
82 63.7 51.0 76.4
119 33.7 27.0 40.4



#56
1,1,1,2-Tetrachloroethane
Concen: 9.788 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

Tgt Ion:131 Resp: 191773
Ion Ratio Lower Upper
131 100
133 95.4 76.3 114.5
119 59.4 47.5 71.3

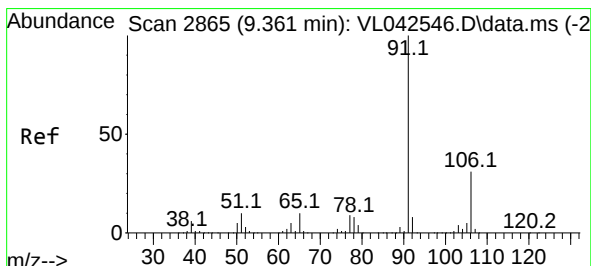
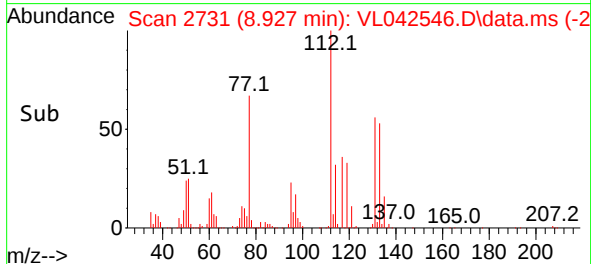
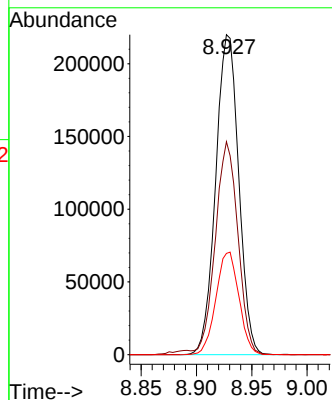
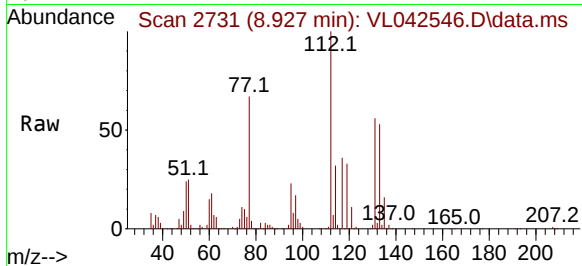




#57
Chlorobenzene
Concen: 9.725 ppbv
RT: 8.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

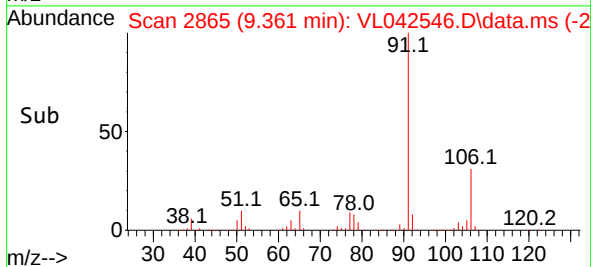
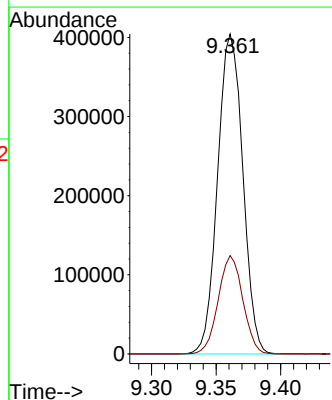
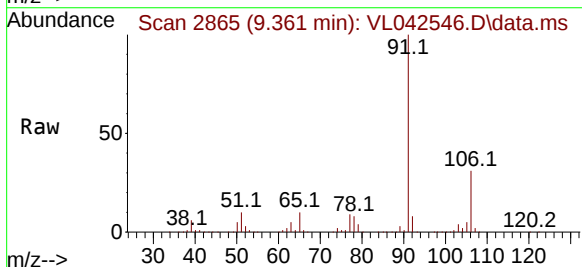
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

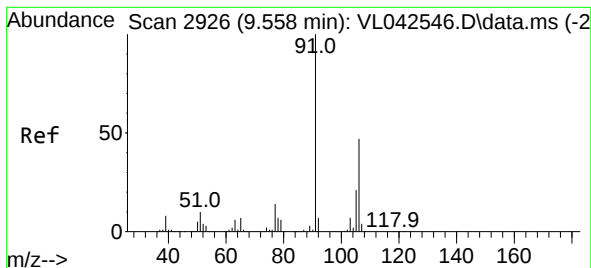
Tgt Ion:112 Resp: 318364
Ion Ratio Lower Upper
112 100
77 66.5 53.2 79.8
114 31.6 28.4 34.8



#58
Ethyl Benzene
Concen: 11.383 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

Tgt Ion: 91 Resp: 547642
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0





#59

m/p-Xylene

Concen: 9.869 ppbv

RT: 9.558 min Scan# 2926

Delta R.T. 0.000 min

Lab File: VL042546.D

Acq: 20 May 2025 09:12

Instrument :

MSVOA_1

ClientSampleId :

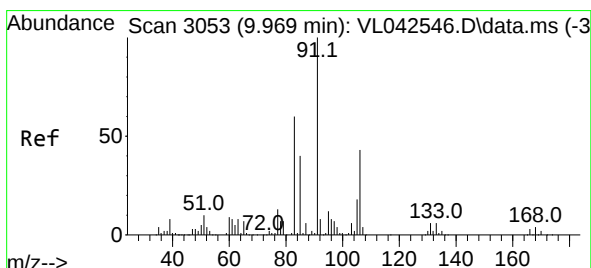
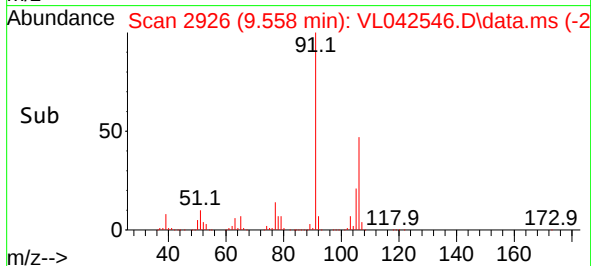
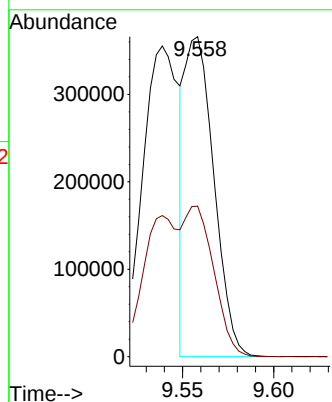
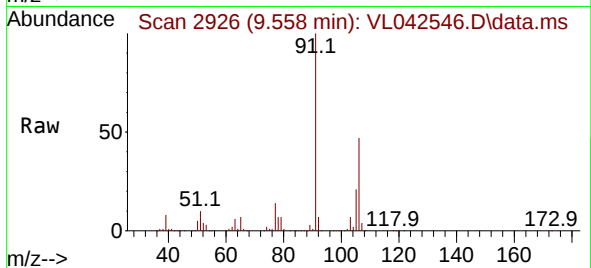
VSTDICCC010

Tgt Ion: 91 Resp: 404954

Ion Ratio Lower Upper

91 100

106 102.8 37.1 55.7#



#60

o-Xylene

Concen: 11.099 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. 0.000 min

Lab File: VL042546.D

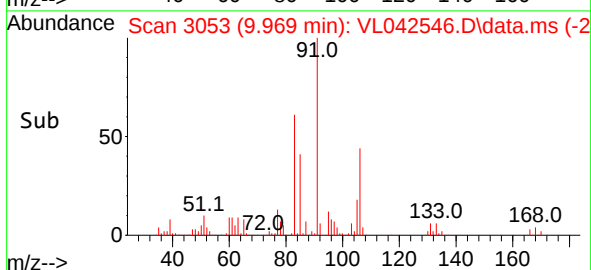
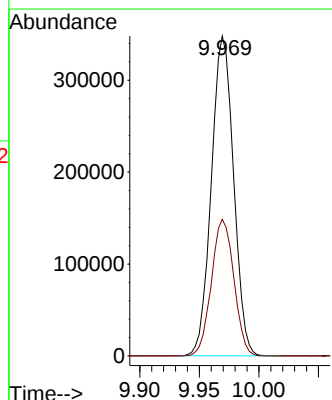
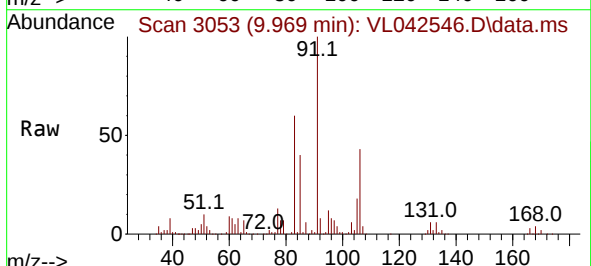
Acq: 20 May 2025 09:12

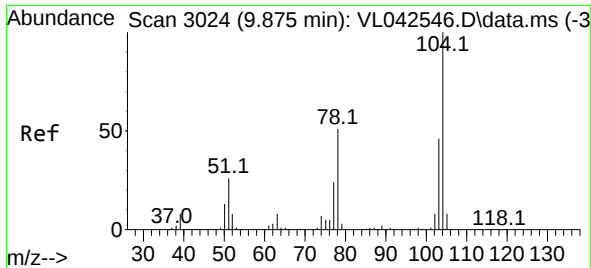
Tgt Ion: 91 Resp: 450867

Ion Ratio Lower Upper

91 100

106 43.2 21.6 64.8

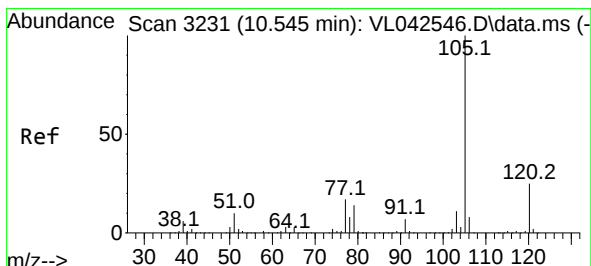
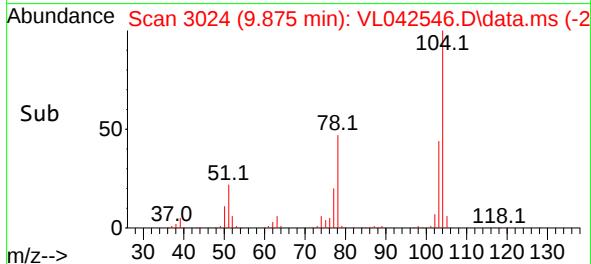
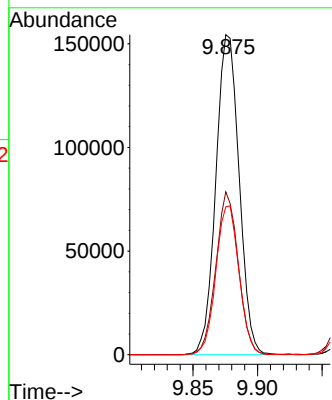
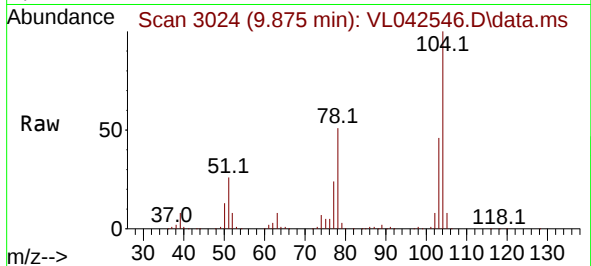




#61
Styrene
Concen: 12.413 ppbv
RT: 9.875 min Scan# 3024
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

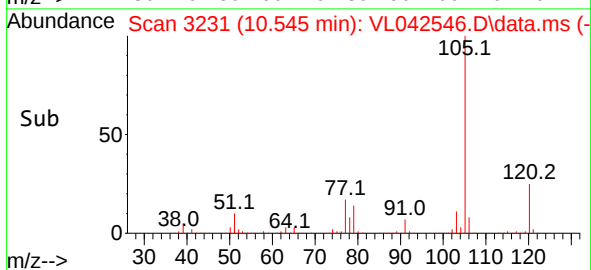
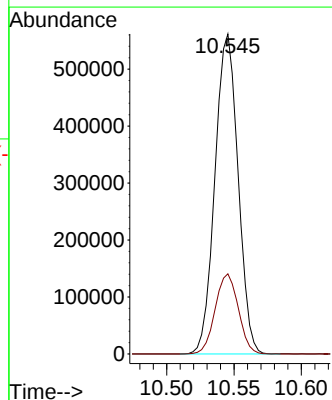
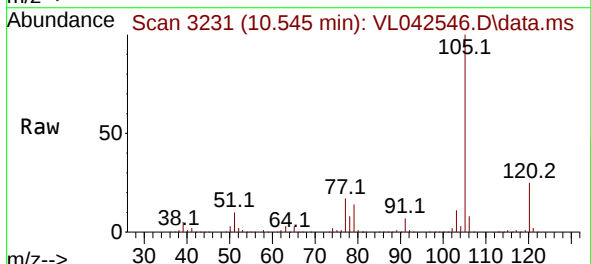
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

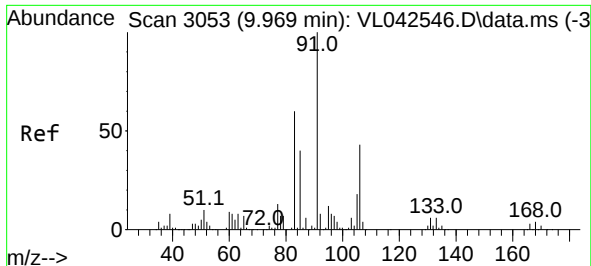
Tgt Ion:104 Resp: 193332
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 46.4 37.1 55.7



#62
Isopropylbenzene
Concen: 10.760 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

Tgt Ion:105 Resp: 669863
Ion Ratio Lower Upper
105 100
120 25.0 20.0 30.0

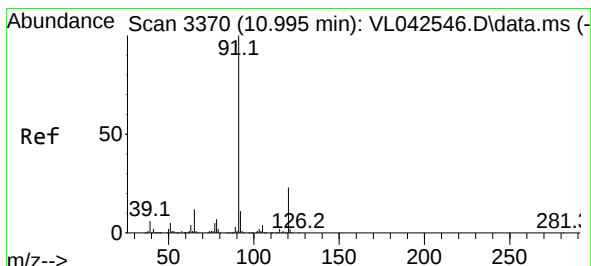
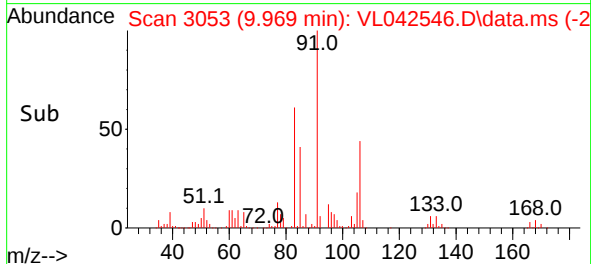
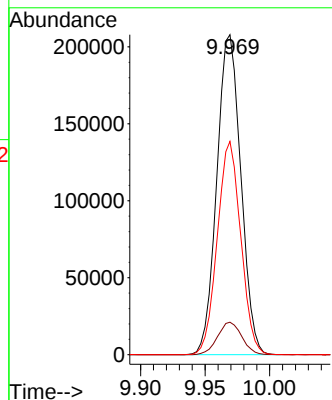
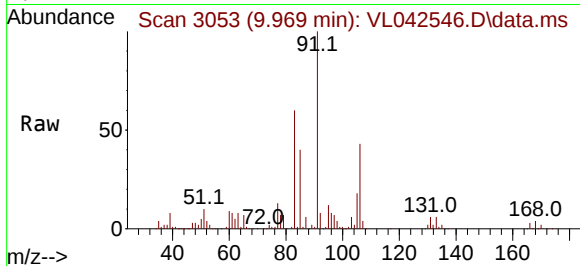




#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.958 ppbv
 RT: 9.969 min Scan# 3053
 Delta R.T. 0.000 min
 Lab File: VL042546.D
 Acq: 20 May 2025 09:12

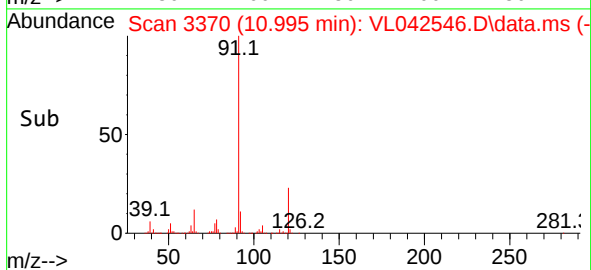
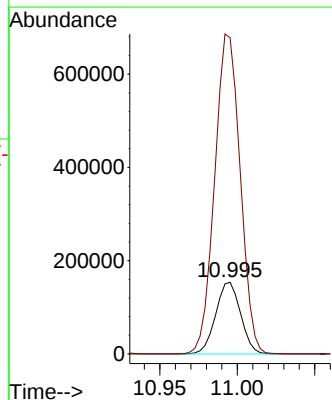
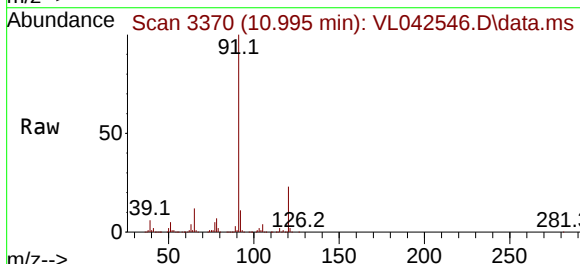
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

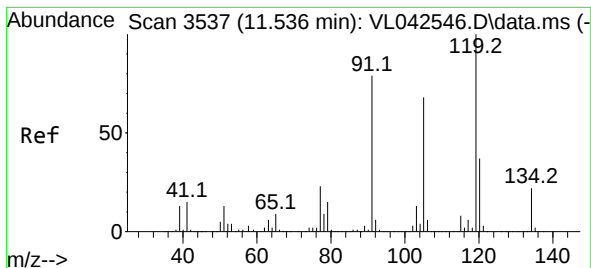
Tgt Ion: 83 Resp: 269334
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.3
 85 64.9 32.5 97.4



#64
 n-propylbenzene
 Concen: 11.072 ppbv
 RT: 10.995 min Scan# 3370
 Delta R.T. 0.000 min
 Lab File: VL042546.D
 Acq: 20 May 2025 09:12

Tgt Ion: 120 Resp: 171709
 Ion Ratio Lower Upper
 120 100
 91 458.7 367.0 550.4





#65

tert-Butylbenzene

Concen: 10.851 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. 0.000 min

Lab File: VL042546.D

Acq: 20 May 2025 09:12

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

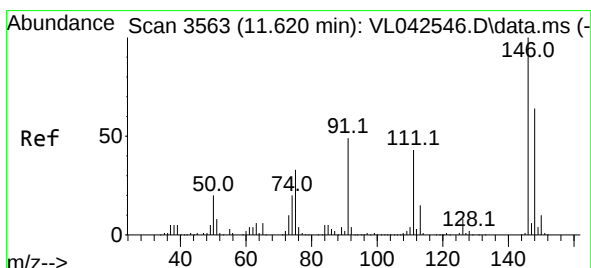
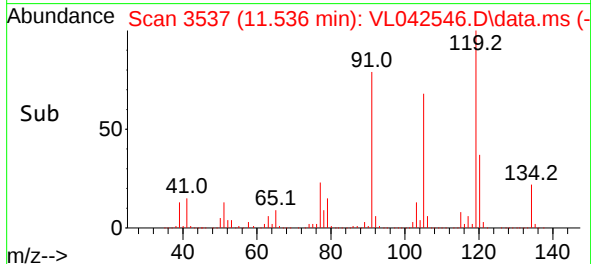
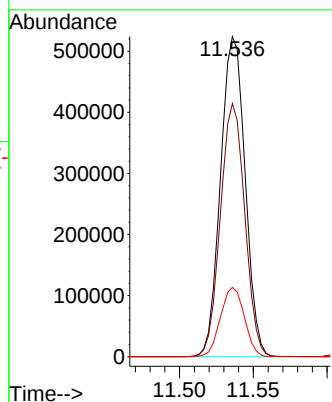
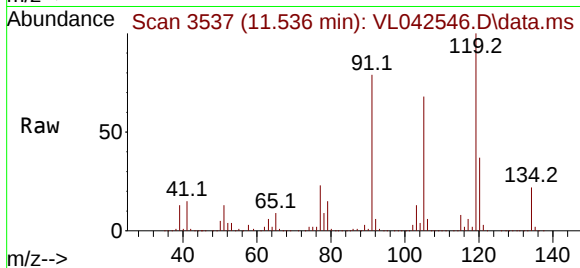
Tgt Ion:119 Resp: 607642

Ion Ratio Lower Upper

119 100

91 78.4 62.7 94.1

134 21.0 16.8 25.2



#66

Benzyl Chloride

Concen: 11.460 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. 0.000 min

Lab File: VL042546.D

Acq: 20 May 2025 09:12

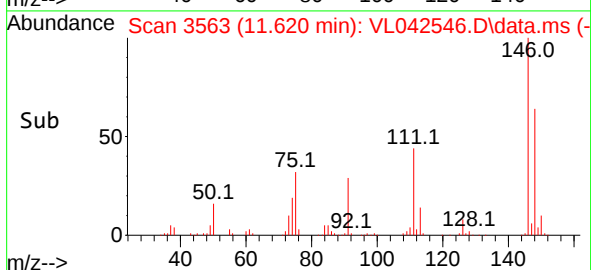
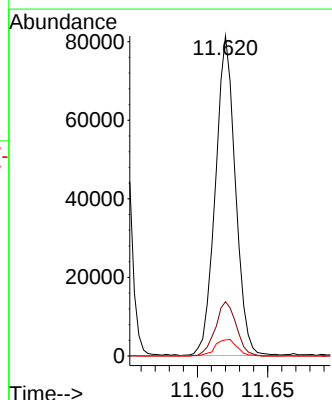
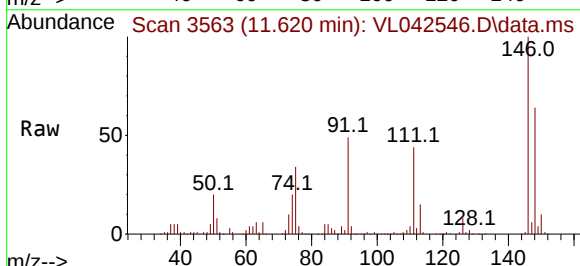
Tgt Ion: 91 Resp: 80291

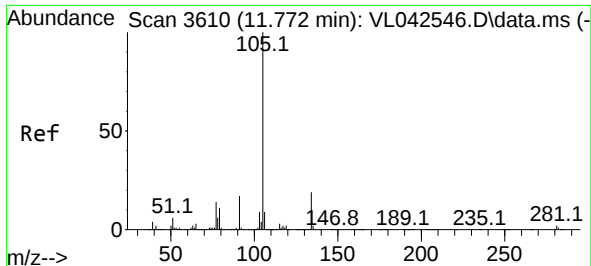
Ion Ratio Lower Upper

91 100

126 17.7 14.2 21.2

128 5.7 4.6 6.8

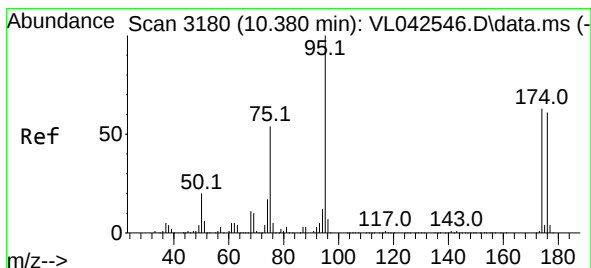
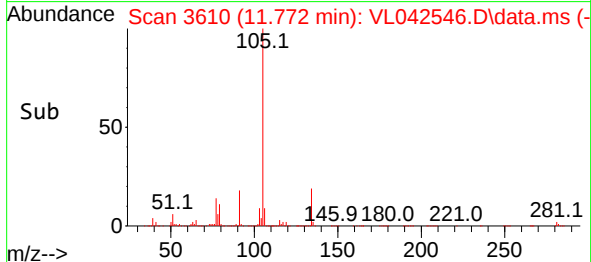
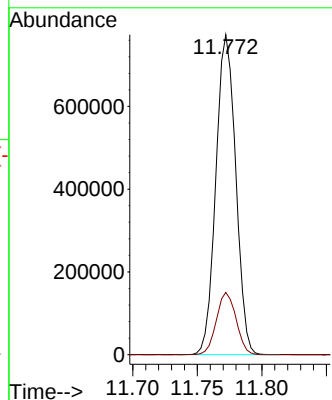
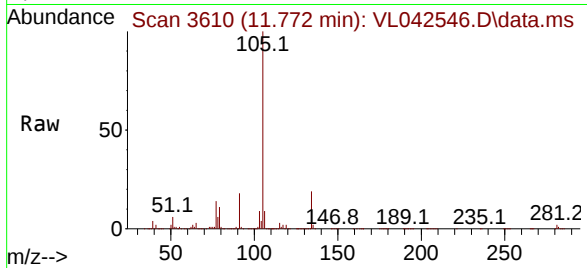




#67
 sec-Butylbenzene
 Concen: 10.440 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.000 min
 Lab File: VL042546.D
 Acq: 20 May 2025 09:12

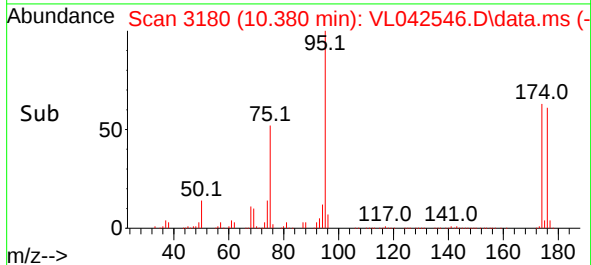
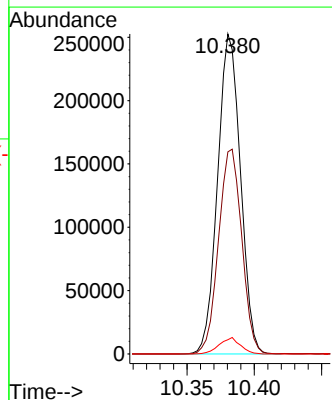
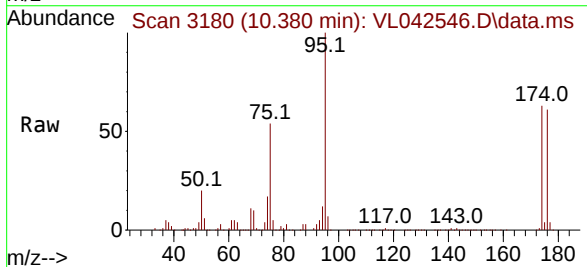
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

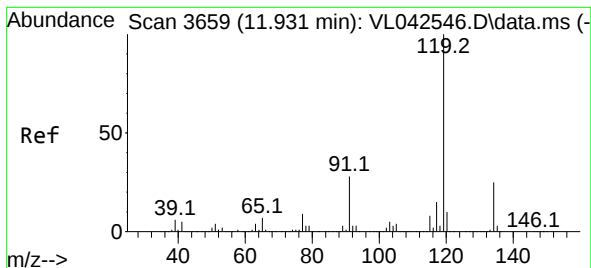
Tgt Ion:105 Resp: 825238
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.135 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. 0.000 min
 Lab File: VL042546.D
 Acq: 20 May 2025 09:12

Tgt Ion: 95 Resp: 298085
 Ion Ratio Lower Upper
 95 100
 174 65.0 52.0 78.0
 175 4.7 3.8 5.6





#69

p-Isopropyltoluene

Concen: 11.026 ppbv

RT: 11.931 min Scan# 3659

Delta R.T. 0.000 min

Lab File: VL042546.D

Acq: 20 May 2025 09:12

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

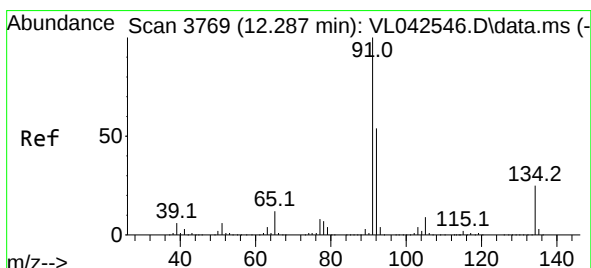
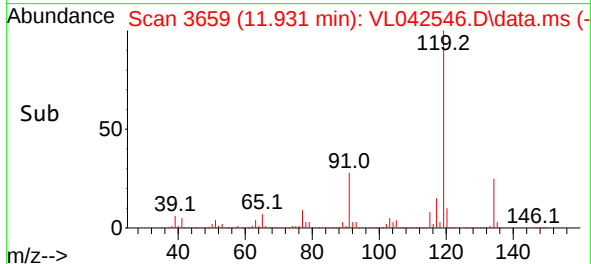
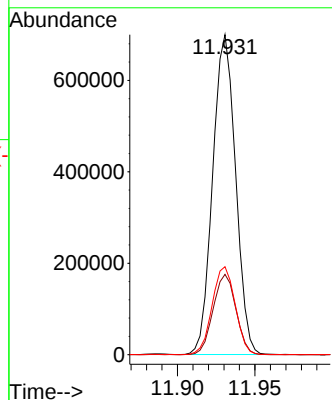
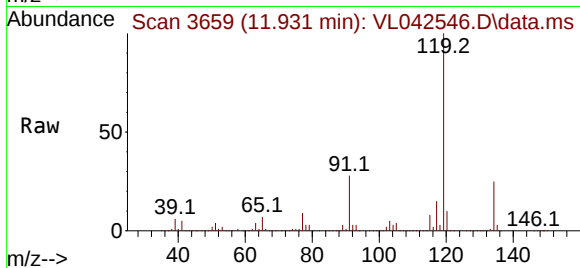
Tgt Ion:119 Resp: 719762

Ion Ratio Lower Upper

119 100

134 25.1 20.1 30.1

91 27.9 22.3 33.5



#70

n-Butylbenzene

Concen: 11.288 ppbv

RT: 12.287 min Scan# 3769

Delta R.T. 0.000 min

Lab File: VL042546.D

Acq: 20 May 2025 09:12

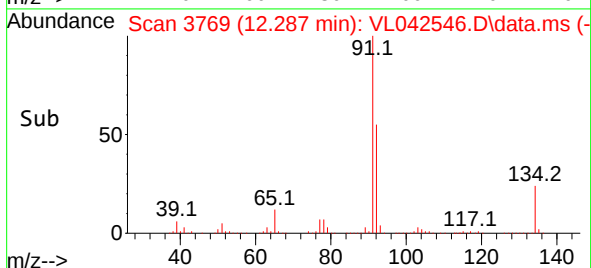
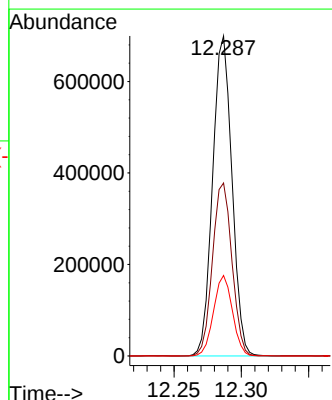
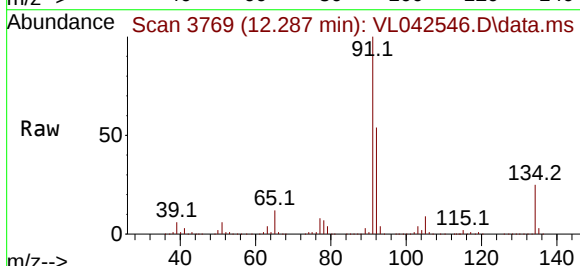
Tgt Ion: 91 Resp: 696250

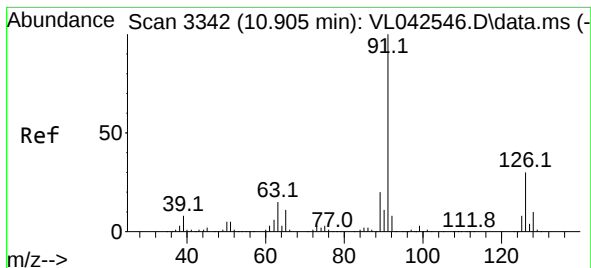
Ion Ratio Lower Upper

91 100

92 54.7 43.8 65.6

134 24.6 19.7 29.5

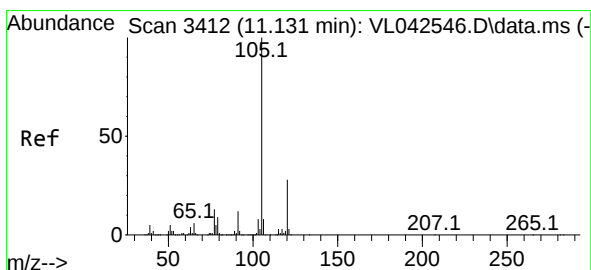
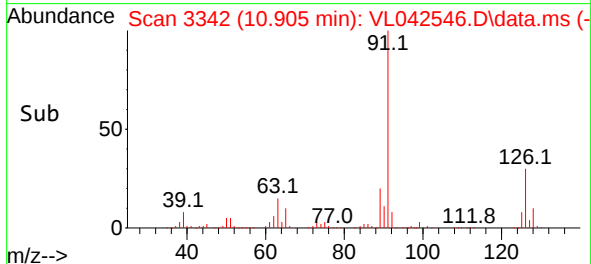
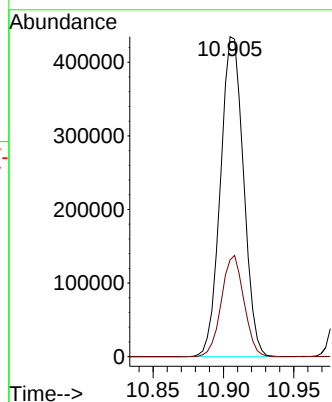
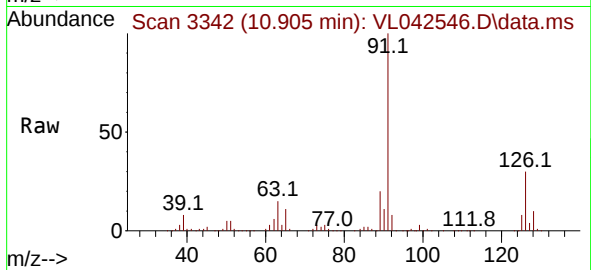




#71
2-Chlorotoluene
Concen: 11.092 ppbv
RT: 10.905 min Scan# 311
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

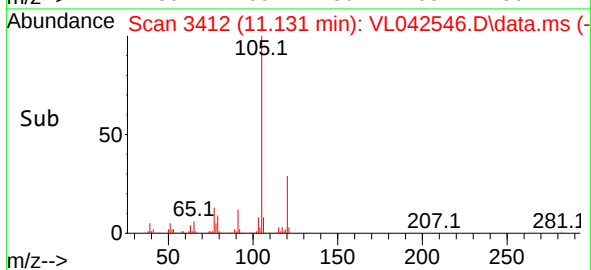
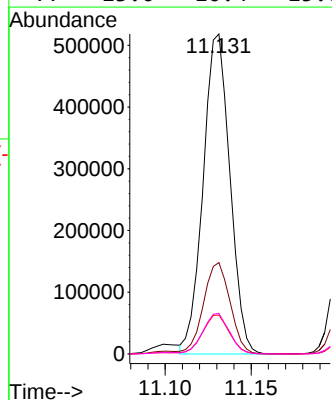
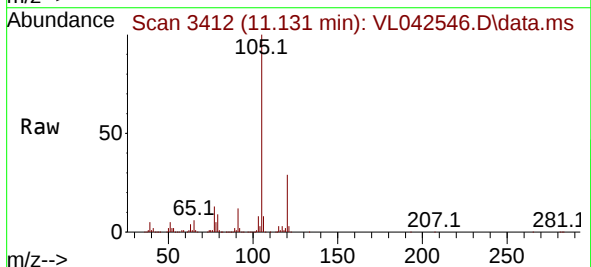
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

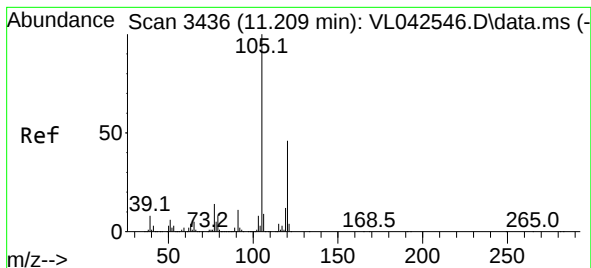
Tgt Ion: 91 Resp: 496987
Ion Ratio Lower Upper
91 100
126 30.9 12.4 49.4



#72
4-Ethyltoluene
Concen: 11.179 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

Tgt Ion: 105 Resp: 561747
Ion Ratio Lower Upper
105 100
120 29.2 23.4 35.0
91 12.8 10.2 15.4
77 13.0 10.4 15.6





#73

1,3,5-Trimethylbenzene

Concen: 10.873 ppbv

RT: 11.209 min Scan# 3436

Delta R.T. 0.000 min

Lab File: VL042546.D

Acq: 20 May 2025 09:12

Instrument :

MSVOA_L

ClientSampleId :

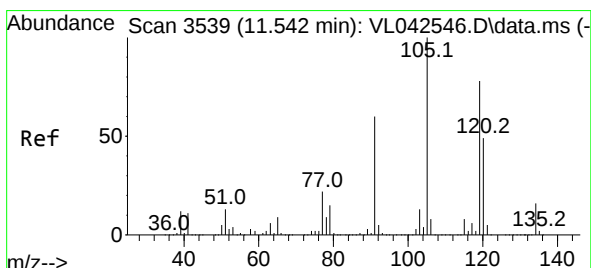
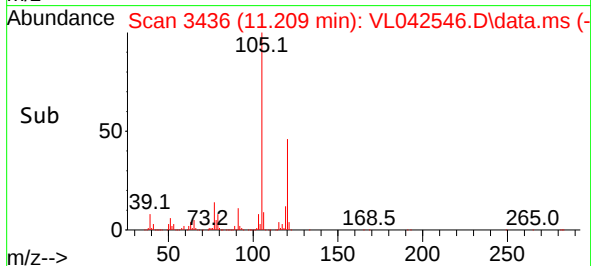
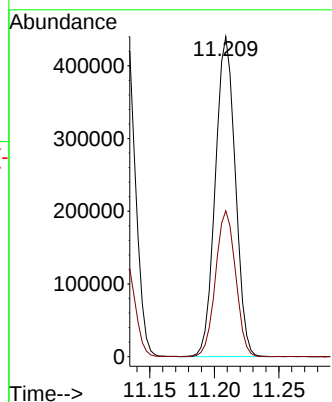
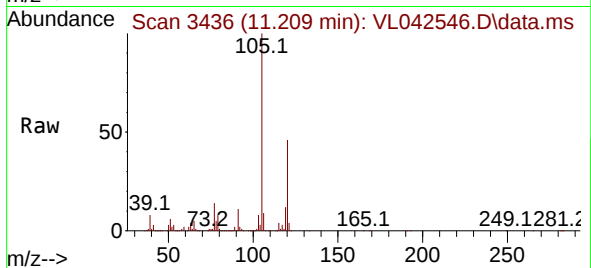
VSTDICCC010

Tgt Ion:105 Resp: 472644

Ion Ratio Lower Upper

105 100

120 45.6 36.5 54.7



#74

1,2,4-Trimethylbenzene

Concen: 10.152 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.000 min

Lab File: VL042546.D

Acq: 20 May 2025 09:12

Tgt Ion:105 Resp: 532134

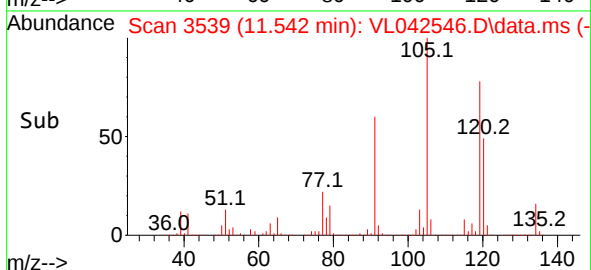
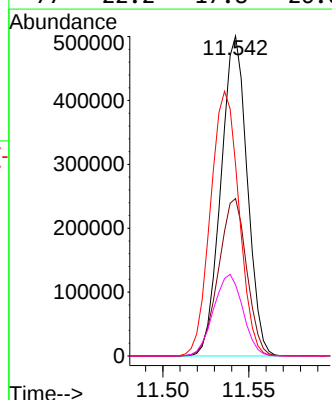
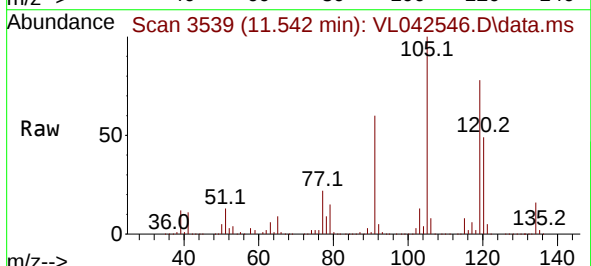
Ion Ratio Lower Upper

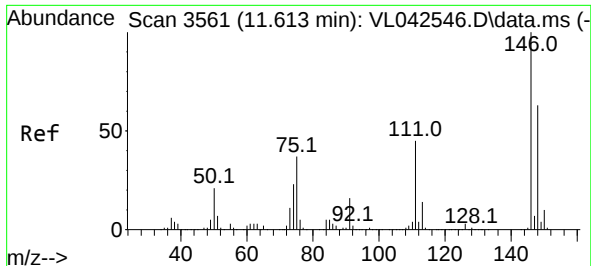
105 100

120 49.2 39.4 59.0

91 59.8 47.8 71.8

77 22.2 17.8 26.6

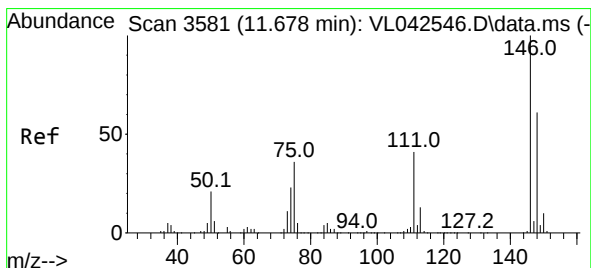
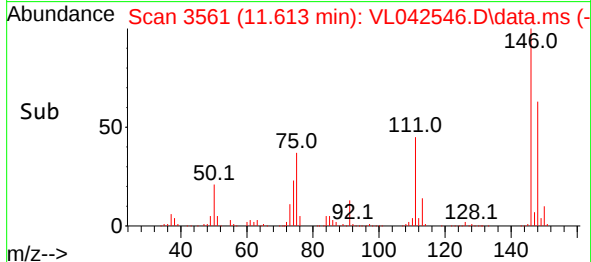
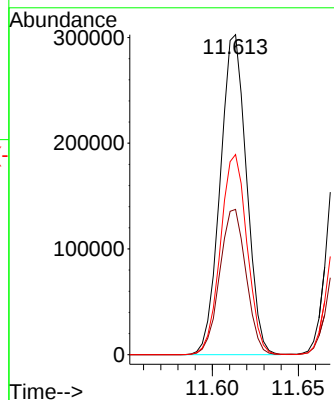
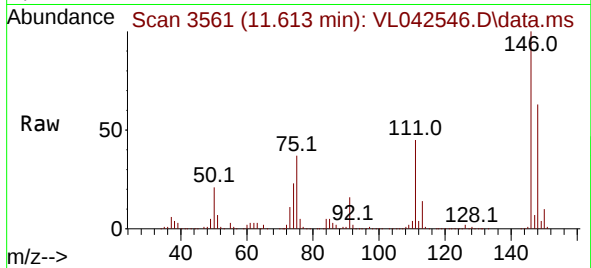




#75
1,3-Dichlorobenzene
Concen: 9.952 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

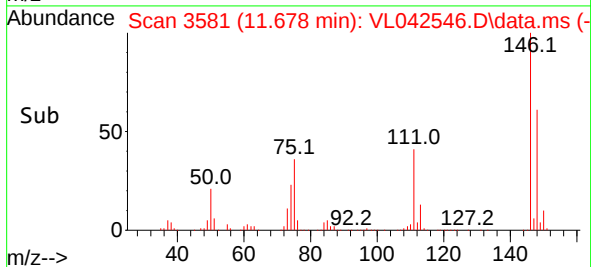
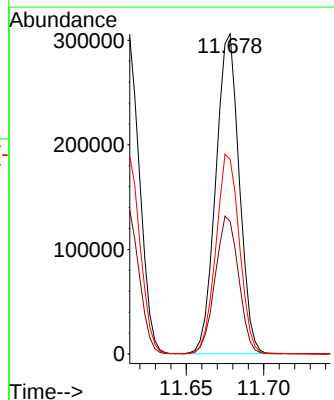
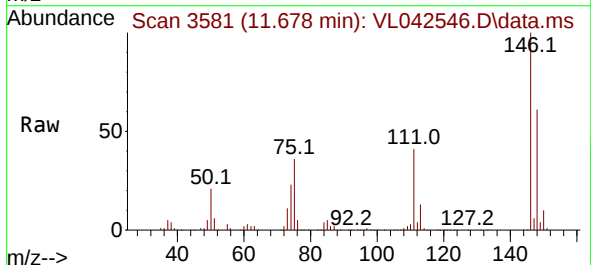
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

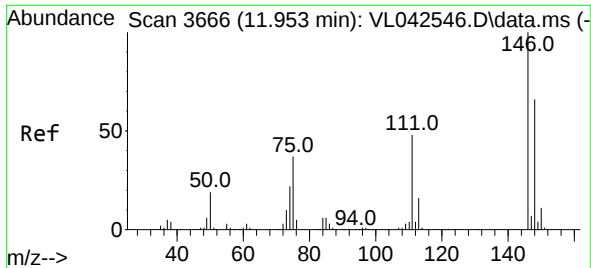
Tgt Ion:146 Resp: 321956
Ion Ratio Lower Upper
146 100
111 45.6 22.8 68.4
148 63.2 31.6 94.8



#76
1,4-Dichlorobenzene
Concen: 10.219 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

Tgt Ion:146 Resp: 321061
Ion Ratio Lower Upper
146 100
111 43.4 21.8 65.3
148 62.9 31.4 94.3

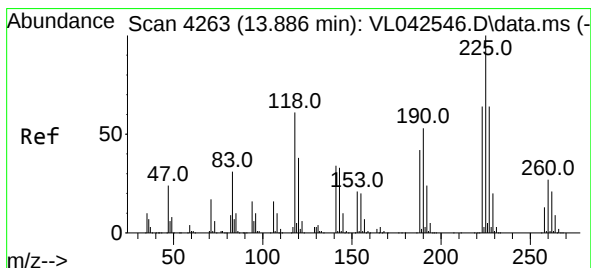
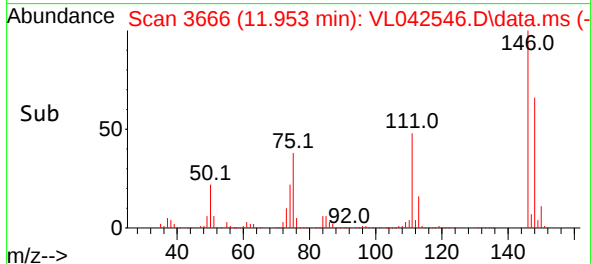
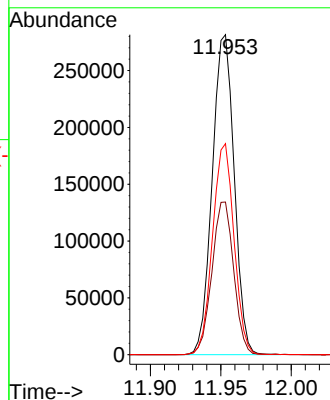
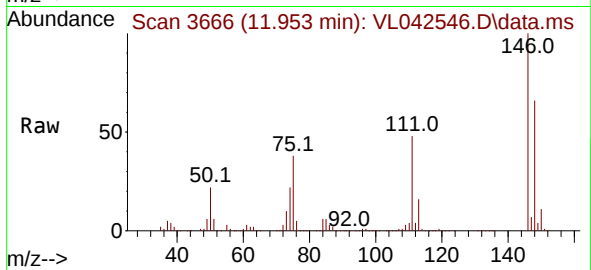




#77
1,2-Dichlorobenzene
Concen: 9.596 ppbv
RT: 11.953 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

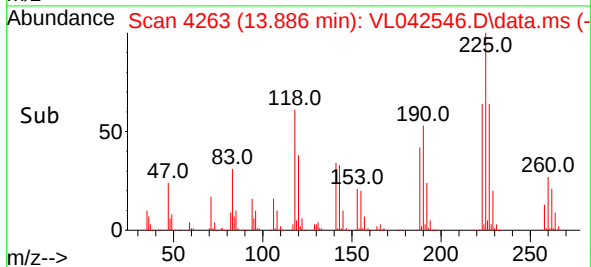
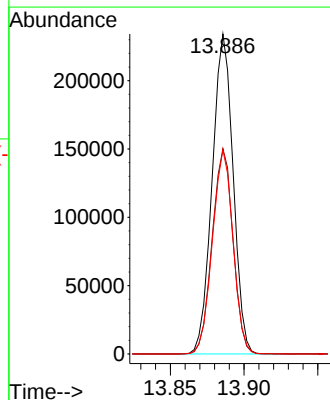
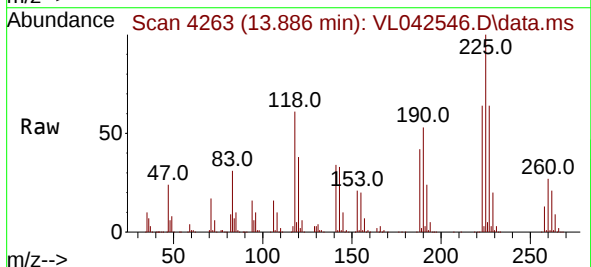
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

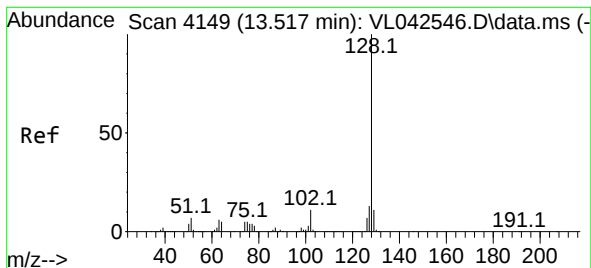
Tgt Ion:146 Resp: 305857
Ion Ratio Lower Upper
146 100
111 47.4 23.7 71.1
148 64.6 32.3 96.9



#78
Hexachloro-1,3-Butadiene
Concen: 8.785 ppbv
RT: 13.886 min Scan# 4263
Delta R.T. 0.000 min
Lab File: VL042546.D
Acq: 20 May 2025 09:12

Tgt Ion:225 Resp: 231291
Ion Ratio Lower Upper
225 100
223 63.8 51.0 76.6
227 62.8 50.2 75.4





#79

Naphthalene

Concen: 12.504 ppbv

RT: 13.517 min Scan# 4149

Delta R.T. 0.000 min

Lab File: VL042546.D

Acq: 20 May 2025 09:12

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

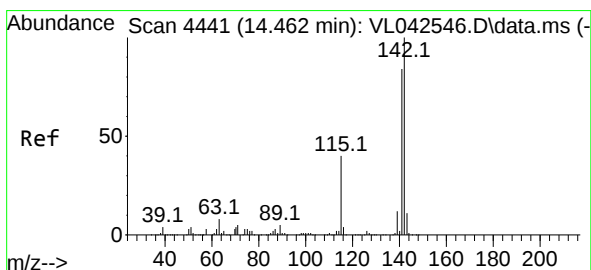
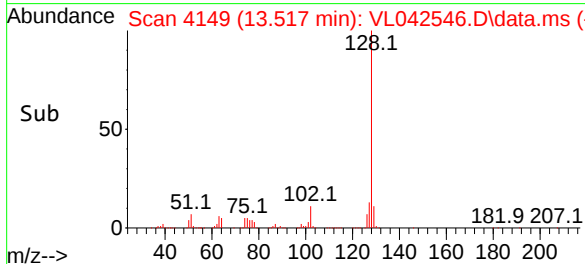
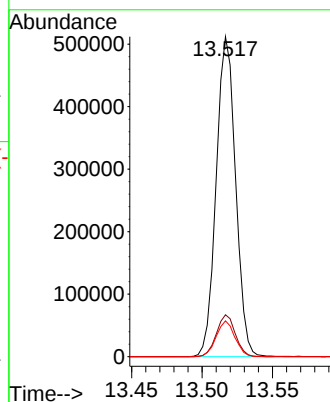
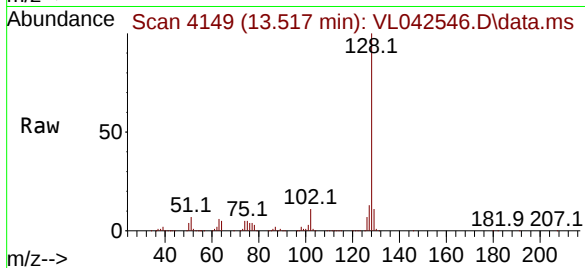
Tgt Ion:128 Resp: 490596

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.2 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 13.834 ppbv

RT: 14.462 min Scan# 4441

Delta R.T. 0.000 min

Lab File: VL042546.D

Acq: 20 May 2025 09:12

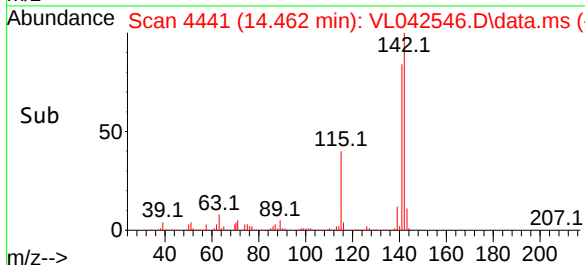
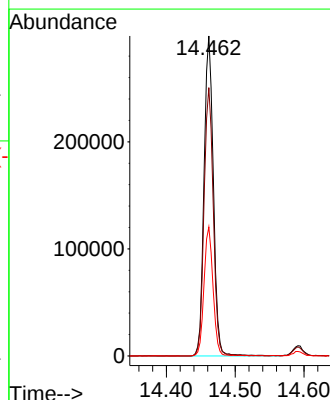
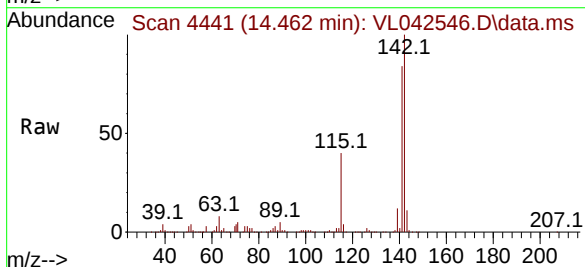
Tgt Ion:142 Resp: 279853

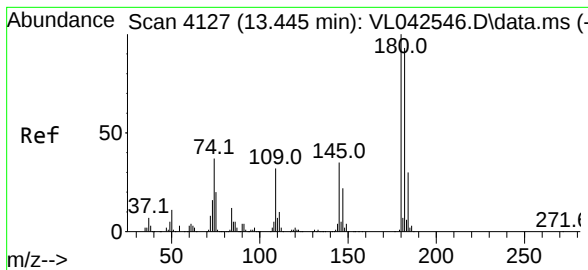
Ion Ratio Lower Upper

142 100

141 84.2 67.4 101.0

115 39.4 31.5 47.3





#81
 1,2,4-Trichlorobenzene
 Concen: 11.197 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042546.D
 Acq: 20 May 2025 09:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:180 Resp: 264181
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.6 113.4
 184 29.6 23.7 35.5

