

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091420\
 Data File : VL035596.D
 Acq On : 14 Sep 2020 10:11
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Sep 15 06:38:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1109526	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4509345	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4720631	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3464441	10.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.03	85	1474459	7.668	ppbv 98
3) Chlorodifluoromethane	2.97	51	1161646	9.466	ppbv 99
4) Chloromethane	3.13	50	620106	9.432	ppbv 99
5) Vinyl Chloride	3.24	62	740268	9.133	ppbv 99
6) Bromomethane	3.46	94	650873	9.560	ppbv 99
7) Chloroethane	3.55	64	279431	9.751	ppbv 95
8) Dichlorotetrafluoroethane	3.18	85	2112014	9.070	ppbv 94
9) Propene	3.00	41	450415	9.521	ppbv 97
10) Heptane	8.13	43	1278698	10.063	ppbv 99
11) Trichlorofluoromethane	3.94	101	2537303	9.049	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1913926	9.043	ppbv 93
13) Ethanol	3.60	45	102376	8.728	ppbv 96
14) Bromoethene	3.73	108	871669	9.569	ppbv 100
15) Acetone	3.84	43	1018257	8.321	ppbv 99
16) 1,3-Butadiene	3.32	39	456180	10.014	ppbv 100
17) tert-Butyl alcohol	4.28	59	1443837	9.693	ppbv 100
18) 1,1-Dichloroethene	4.28	96	902335	9.682	ppbv 95
19) Isopropyl Alcohol	3.96	45	701431	9.608	ppbv # 97
20) Methylene Chloride	4.34	84	800603	8.784	ppbv 96
21) Allyl Chloride	4.40	41	601718	10.496	ppbv 99
22) trans-1,2-Dichloroethene	4.88	96	926013	9.333	ppbv 95
23) Vinyl Acetate	5.07	43	1530692	9.746	ppbv 99
24) 1,1-Dichloroethane	5.01	63	1527449	9.450	ppbv 99
25) Ethyl Acetate	5.67	43	2095973	9.695	ppbv 99
26) Hexane	5.68	57	1205456	9.841	ppbv 98
27) Carbon Disulfide	4.54	76	1955759	11.126	ppbv 100
28) Methyl tert-Butyl Ether	5.03	73	2031143	9.514	ppbv 99
29) Chloroform	5.75	83	2401581	9.623	ppbv 99
30) Cyclohexane	7.13	84	1324512	10.094	ppbv 97
31) cis-1,2-Dichloroethene	5.55	61	1256465	9.998	ppbv 97
32) 1,1,1-Trichloroethane	6.51	97	2338456	9.659	ppbv 98
34) 2-Butanone	5.24	43	1428653	10.676	ppbv 99
35) Carbon Tetrachloride	7.02	117	2460535	10.857	ppbv 100
36) Benzene	6.89	78	3029030	10.377	ppbv 99
37) 1,2-Dichloroethane	6.30	62	1469579	10.560	ppbv 99
38) Trichloroethene	7.84	130	1571592	9.269	ppbv 96
39) 1,2-Dichloropropane	7.61	63	1032214	10.468	ppbv 98
40) 1,4-Dioxane	7.83	88	504755	10.247	ppbv 77
41) Tetrahydrofuran	6.04	42	806000	11.358	ppbv 98
42) Bromodichloromethane	7.80	83	2502449	11.120	ppbv 100
43) Methyl Methacrylate	8.02	69	1273592	11.284	ppbv 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4004490	10.426	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	1413586	12.363	ppbv	100
46) cis-1,3-Dichloropropene	8.71	75	1693711	11.931	ppbv	99
47) 1,1,2-Trichloroethane	9.48	97	1504702	10.342	ppbv	98
48) Dibromochloromethane	10.31	129	2558207	11.171	ppbv	100
49) Bromoform	13.05	173	2317683	11.168	ppbv	100
50) 4-Methyl-2-Pentanone	8.74	43	2172782	11.213	ppbv	99
51) 2-Hexanone	10.14	43	1856827	11.681	ppbv #	99
52) Tetrachloroethene	11.23	164	1494098	8.762	ppbv	97
53) Toluene	9.81	91	3844989	10.475	ppbv	100
54) 1,2-Dibromoethane	10.62	107	2371222	10.314	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.14	131	2001105	10.418	ppbv	99
57) Chlorobenzene	12.16	112	3299489	9.497	ppbv	97
58) Ethyl Benzene	12.72	91	5028872	10.331	ppbv	99
59) m/p-Xylene	13.01	91	4686683	11.522	ppbv #	46
60) o-Xylene	13.71	91	4233135	10.333	ppbv	98
61) Styrene	13.54	104	3374572	10.770	ppbv	98
62) Isopropylbenzene	14.68	105	6386604	9.705	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.69	83	3097268	9.751	ppbv	100
64) n-propylbenzene	15.58	120	2018191	10.049	ppbv	92
65) tert-Butylbenzene	16.76	119	6059030	9.904	ppbv	97
66) Benzyl Chloride	17.00	91	2107939	13.865	ppbv	96
67) sec-Butylbenzene	17.31	105	7961453	9.768	ppbv	97
69) p-Isopropyltoluene	17.67	119	6927951	9.690	ppbv	98
70) n-Butylbenzene	18.57	91	6924589	10.055	ppbv	98
71) 2-Chlorotoluene	15.47	91	4959444	10.349	ppbv	96
72) 4-Ethyltoluene	15.85	105	5297676	10.172	ppbv	99
73) 1,3,5-Trimethylbenzene	16.01	105	4970528	10.318	ppbv	99
74) 1,2,4-Trimethylbenzene	16.78	105	5234628	9.895	ppbv	95
75) 1,3-Dichlorobenzene	17.01	146	3588966	9.159	ppbv	98
76) 1,4-Dichlorobenzene	17.16	146	3586036	9.279	ppbv	98
77) 1,2-Dichlorobenzene	17.83	146	3530237	9.299	ppbv	98
78) Hexachloro-1,3-Butadiene	23.40	225	2199012	9.073	ppbv	100
79) Naphthalene	22.22	128	6037199	10.285	ppbv	99
80) Naphthalene, 2-methyl-	24.99	142	2452469	12.241	ppbv	99
81) 1,2,4-Trichlorobenzene	21.95	180	3340916	9.504	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

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VSTDCCC010

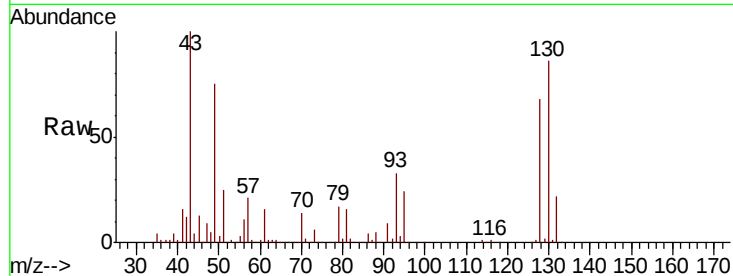
Tot Ion: 49 Resp: 1109526

Ion Ratio Lower Upper

49 100

128 90.5 50.0 150.1

130 115.1 64.4 193.2

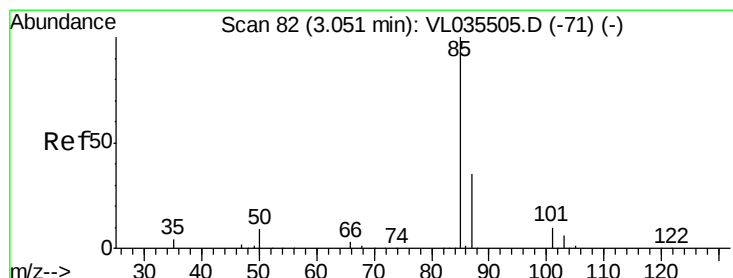
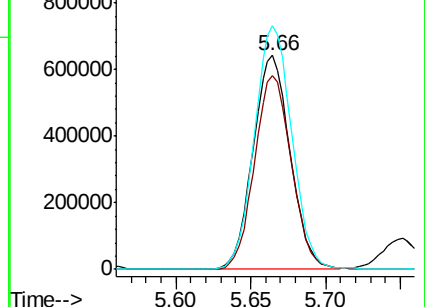
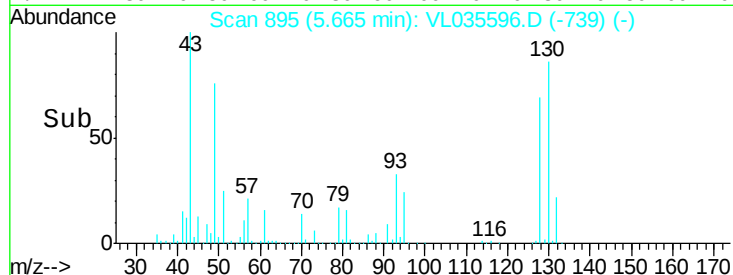


Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

Time-->



#2

Dichlorodifluoromethane

Concen: 7.668 ppbv

RT: 3.03 min Scan# 77

Delta R.T. 0.00 min

Lab File: VL035596.D

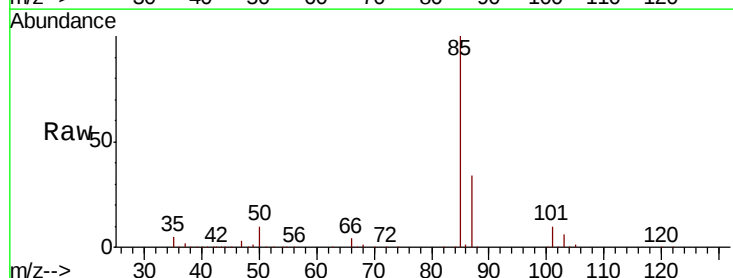
Acq: 14 Sep 2020 10:11

Tgt Ion: 85 Resp: 1474459

Ion Ratio Lower Upper

85 100

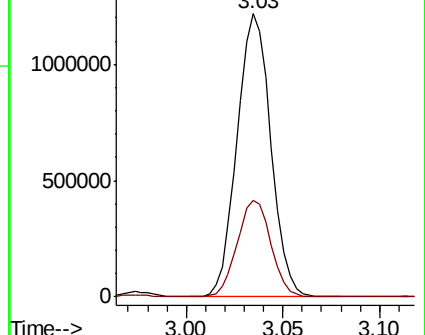
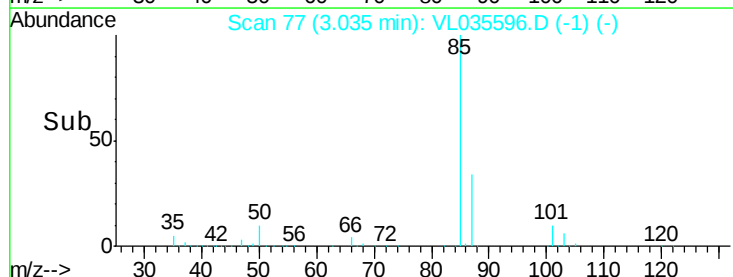
87 34.1 28.0 42.0

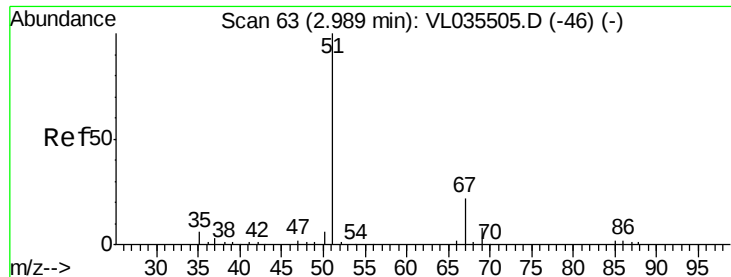


Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

Time-->





#3

Chlorodifluoromethane

Concen: 9.466 ppbv

RT: 2.97 min Scan# 58

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

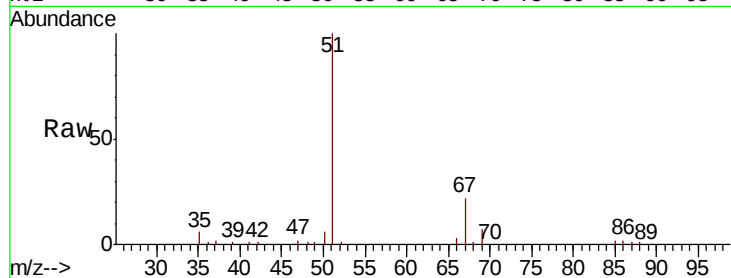
VSTDCCC010

Tot Ion: 51 Resp: 1161646

Ion Ratio Lower Upper

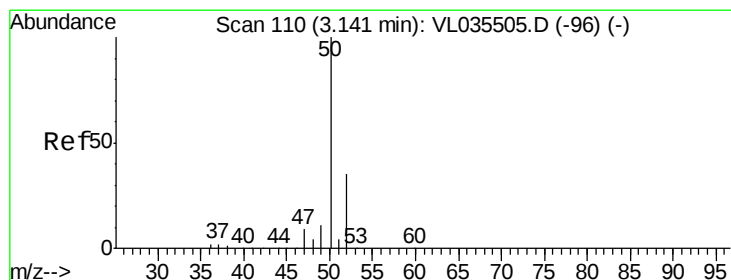
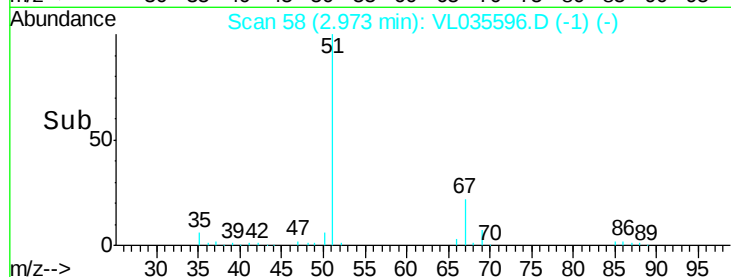
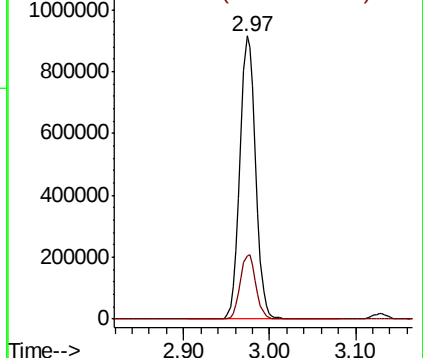
51 100

67 22.7 17.8 26.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.432 ppbv

RT: 3.13 min Scan# 106

Delta R.T. 0.00 min

Lab File: VL035596.D

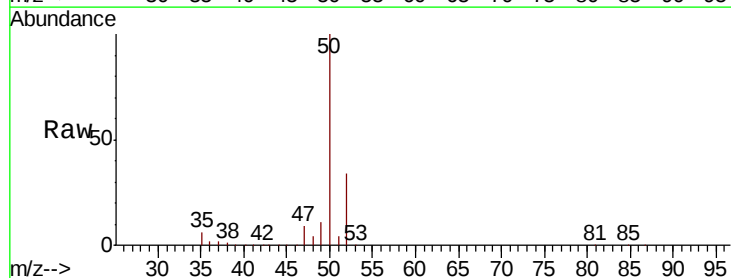
Acq: 14 Sep 2020 10:11

Tgt Ion: 50 Resp: 620106

Ion Ratio Lower Upper

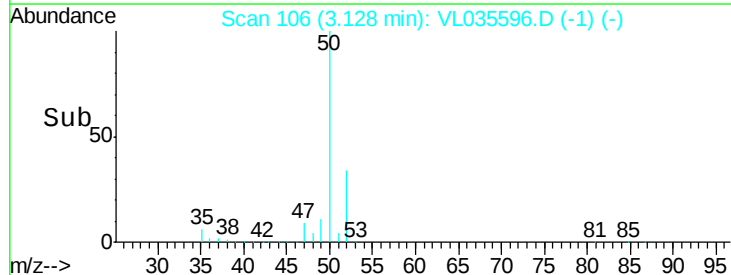
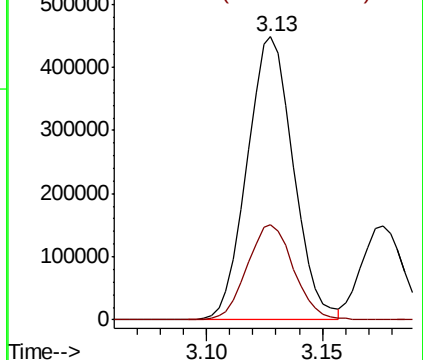
50 100

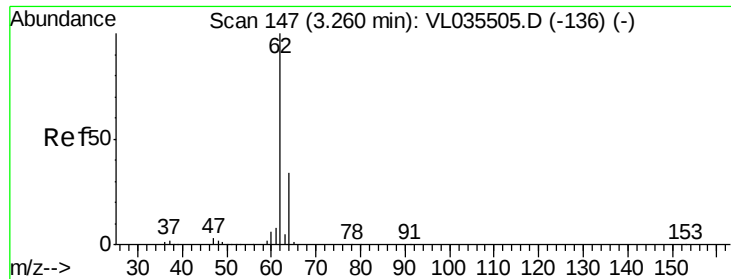
52 33.8 27.7 41.5



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.133 ppbv

RT: 3.24 min Scan# 142

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

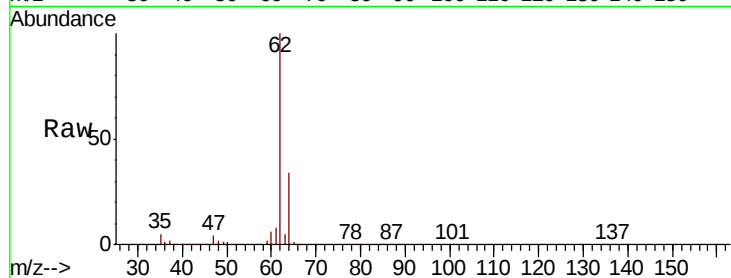
VSTDCCC010

Tot Ion: 62 Resp: 740268

Ion Ratio Lower Upper

62 100

64 33.7 27.4 41.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.24

600000

500000

400000

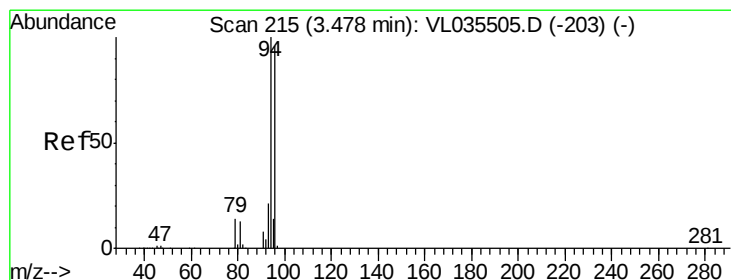
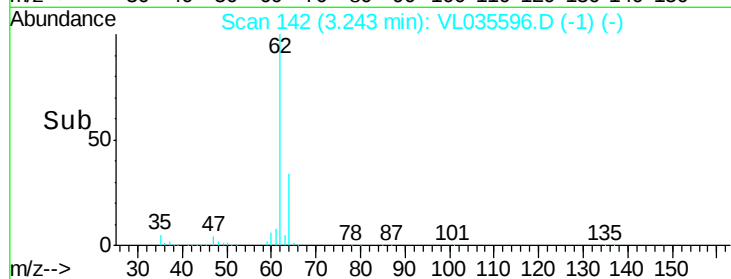
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 9.560 ppbv

RT: 3.46 min Scan# 210

Delta R.T. 0.00 min

Lab File: VL035596.D

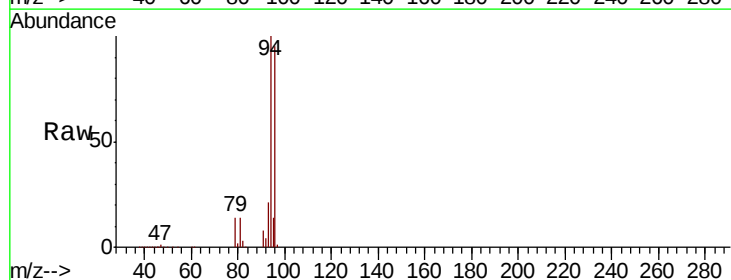
Acq: 14 Sep 2020 10:11

Tgt Ion: 94 Resp: 650873

Ion Ratio Lower Upper

94 100

96 95.2 77.1 115.7



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.46

500000

400000

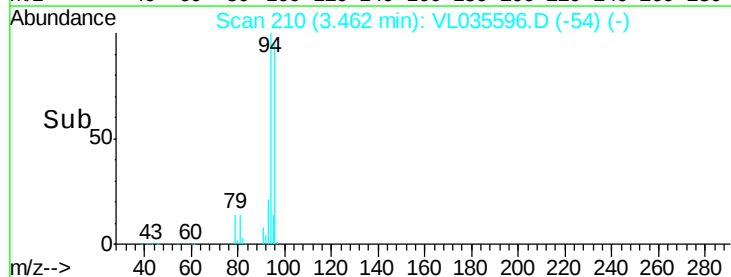
300000

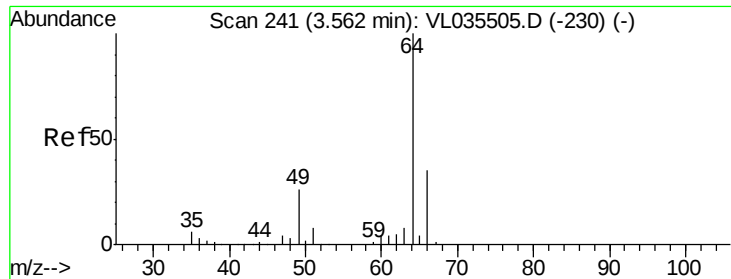
200000

100000

0

Time-->





#7

Chloroethane

Concen: 9.751 ppbv

RT: 3.55 min Scan# 236

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

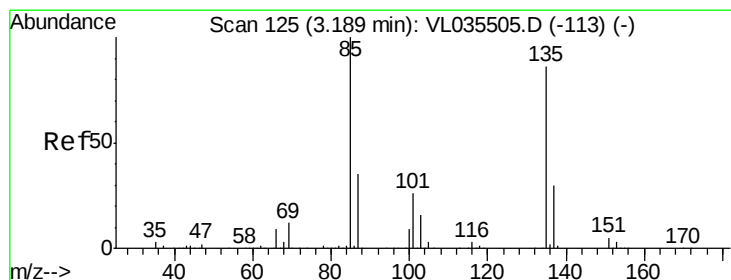
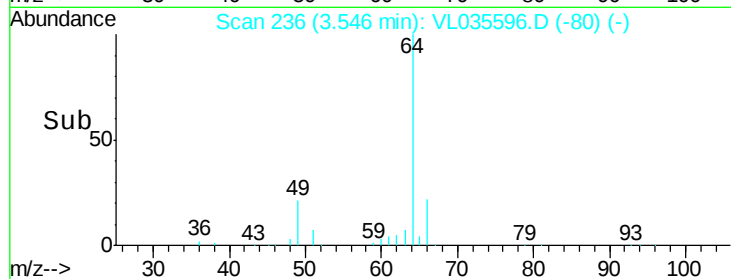
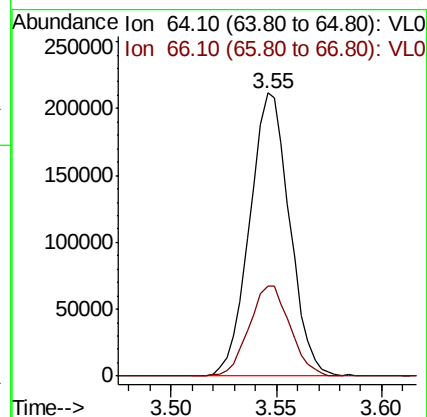
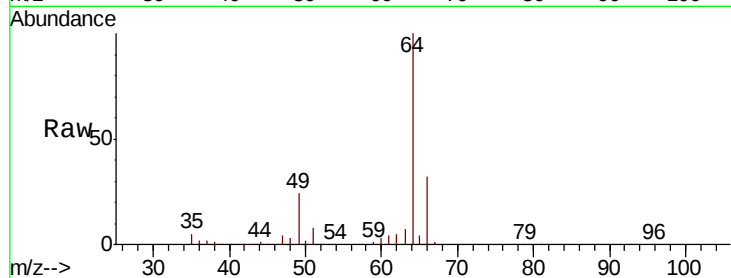
VSTDCCC010

Tot Ion: 64 Resp: 279431

Ion Ratio Lower Upper

64 100

66 31.7 27.7 41.5



#8

Dichlorotetrafluoroethane

Concen: 9.070 ppbv

RT: 3.18 min Scan# 121

Delta R.T. 0.00 min

Lab File: VL035596.D

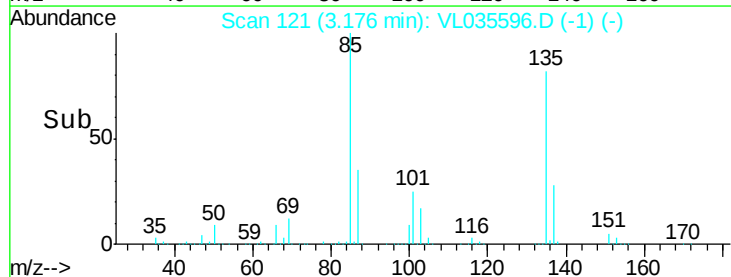
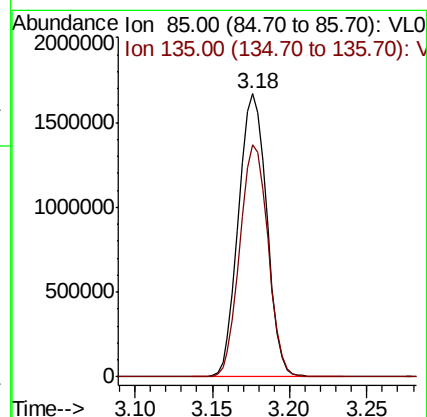
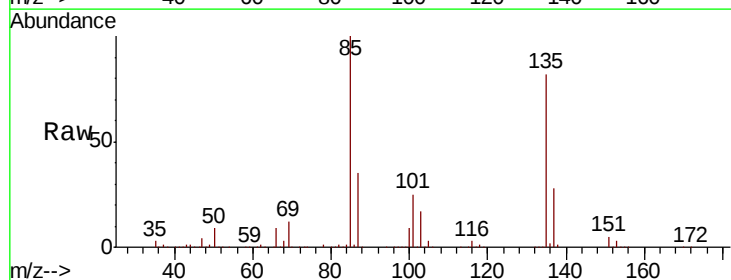
Acq: 14 Sep 2020 10:11

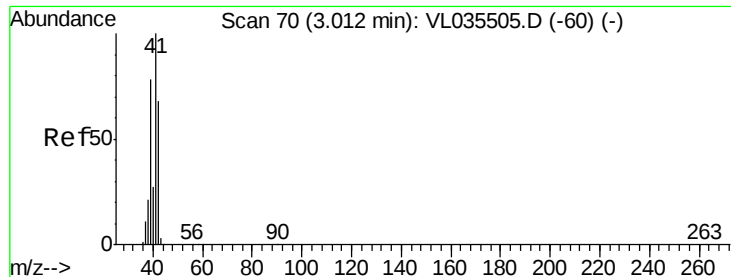
Tgt Ion: 85 Resp: 2112014

Ion Ratio Lower Upper

85 100

135 82.2 70.4 105.6





#9

Propene

Concen: 9.521 ppbv

RT: 3.00 min Scan# 65

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

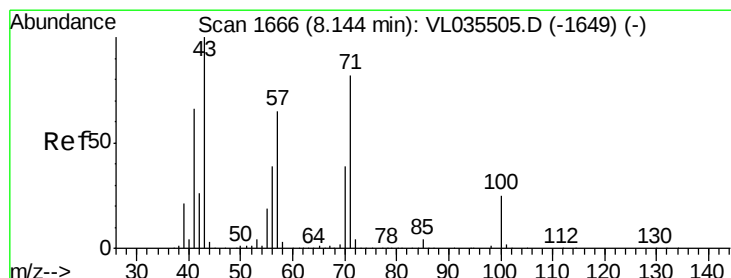
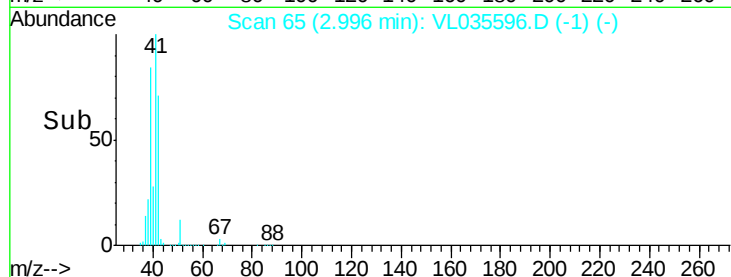
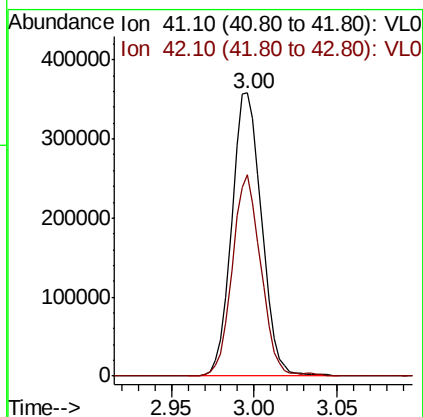
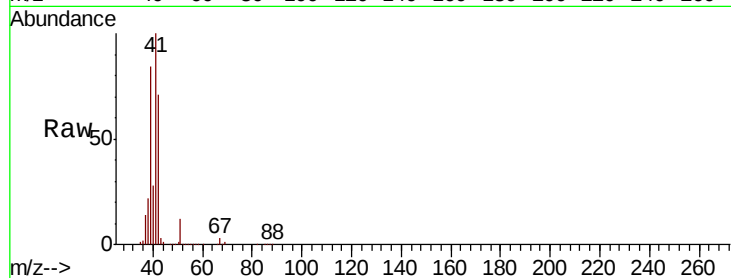
VSTDCCC010

Tot Ion: 41 Resp: 450415

Ion Ratio Lower Upper

41 100

42 68.3 56.3 84.5



#10

Heptane

Concen: 10.063 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VL035596.D

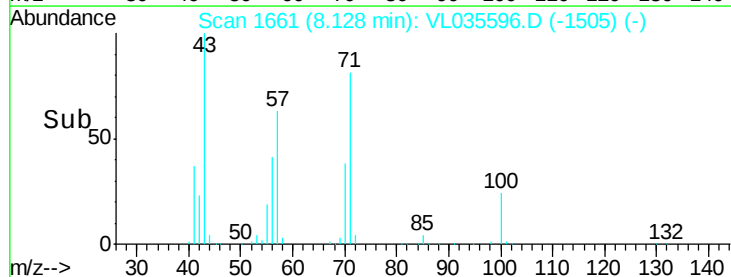
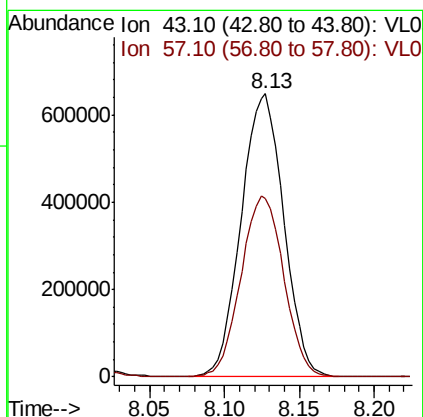
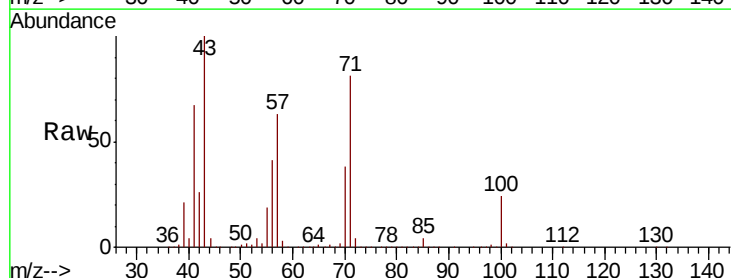
Acq: 14 Sep 2020 10:11

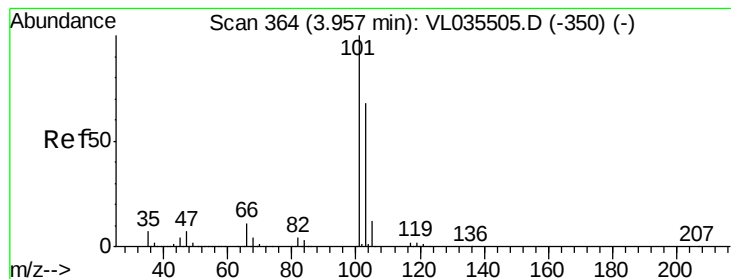
Tgt Ion: 43 Resp: 1278698

Ion Ratio Lower Upper

43 100

57 64.7 51.4 77.0





#11

Trichlorofluoromethane

Concen: 9.049 ppbv

RT: 3.94 min Scan# 359

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

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ClientSampleId :

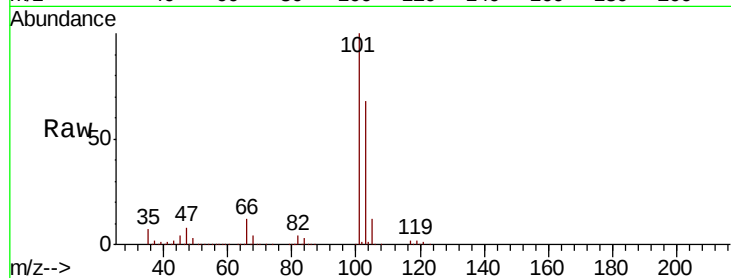
VSTDCCC010

Tot Ion:101 Resp: 2537303

Ion Ratio Lower Upper

101 100

103 67.8 54.5 81.7



Abundance Ion 101.00 (100.70 to 101.70): V

2000000 Ion 103.00 (102.70 to 103.70): V

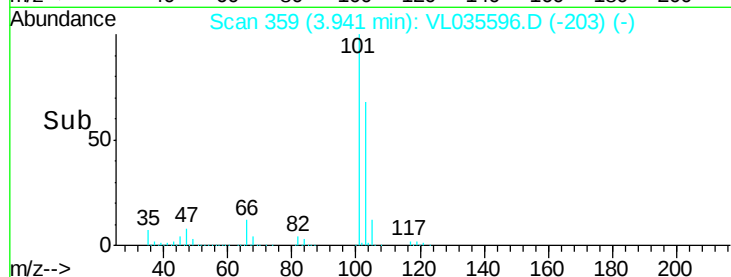
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1000000

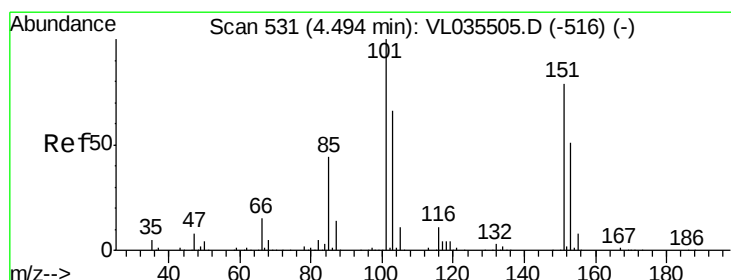
500000

0

Time-->



Time-->



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.043 ppbv

RT: 4.48 min Scan# 526

Delta R.T. 0.00 min

Lab File: VL035596.D

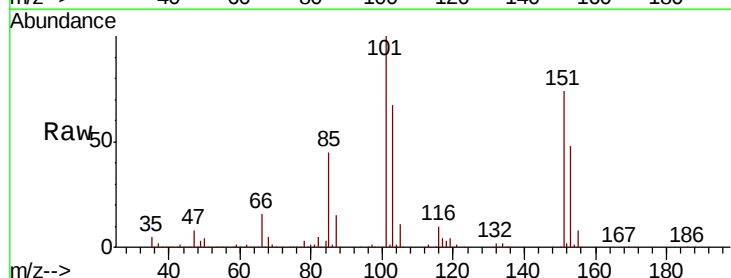
Acq: 14 Sep 2020 10:11

Tgt Ion:101 Resp: 1913926

Ion Ratio Lower Upper

101 100

151 73.3 63.5 95.3



Abundance Ion 101.00 (100.70 to 101.70): V

1200000 Ion 151.00 (150.70 to 151.70): V

1000000

800000

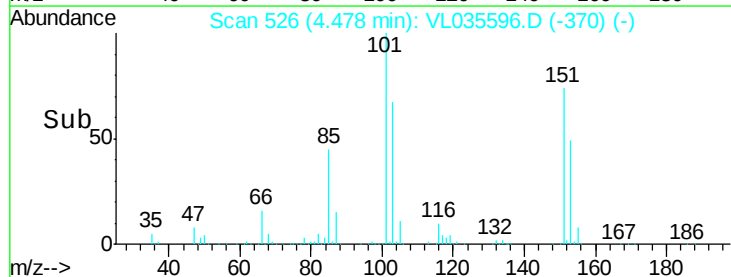
600000

400000

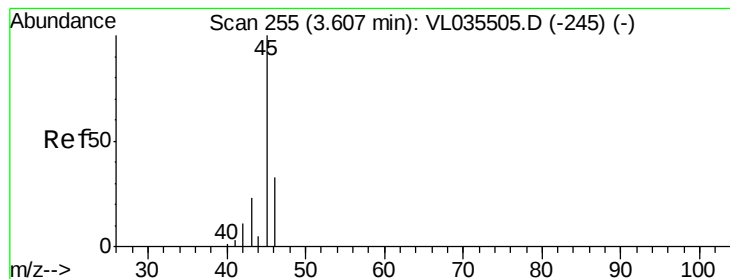
200000

0

Time-->



Time-->



#13

Ethanol

Concen: 8.728 ppbv

RT: 3.60 min Scan# 252

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

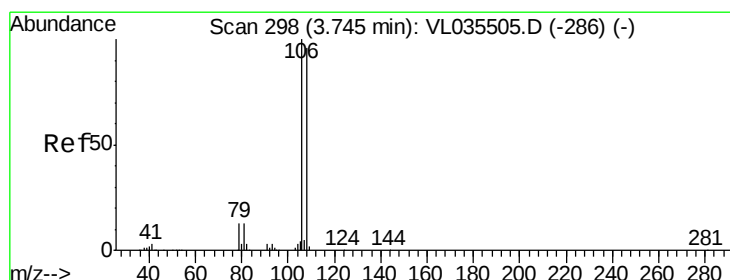
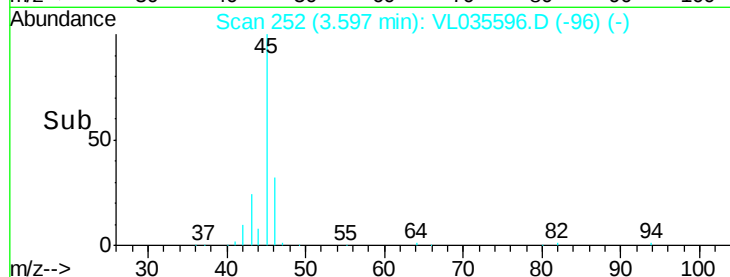
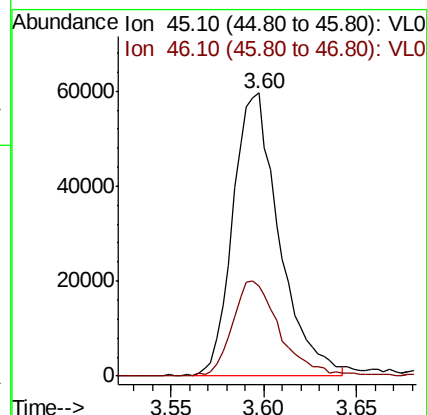
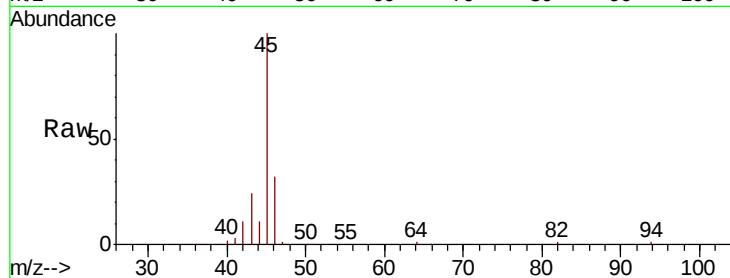
VSTDCCC010

Tot Ion: 45 Resp: 102376

Ion Ratio Lower Upper

45 100

46 35.2 15.2 60.6



#14

Bromoethene

Concen: 9.569 ppbv

RT: 3.73 min Scan# 293

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

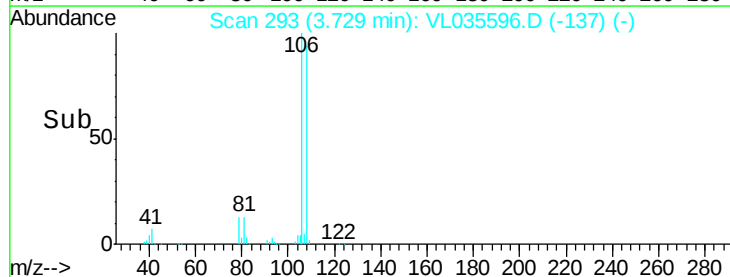
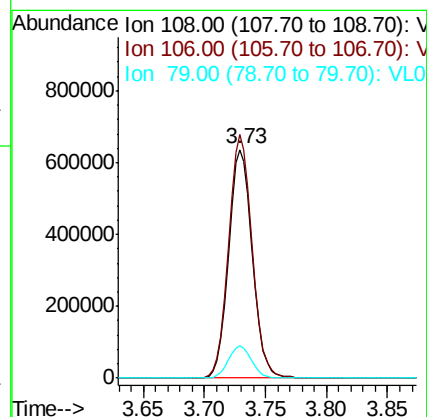
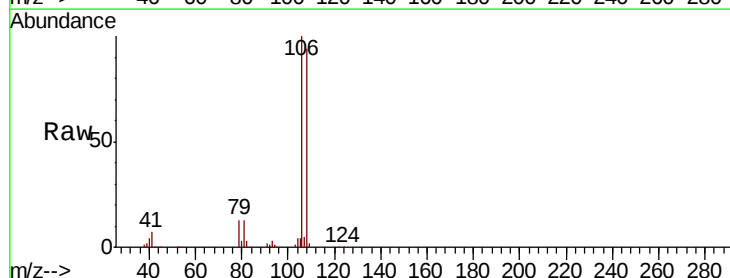
Tgt Ion: 108 Resp: 871669

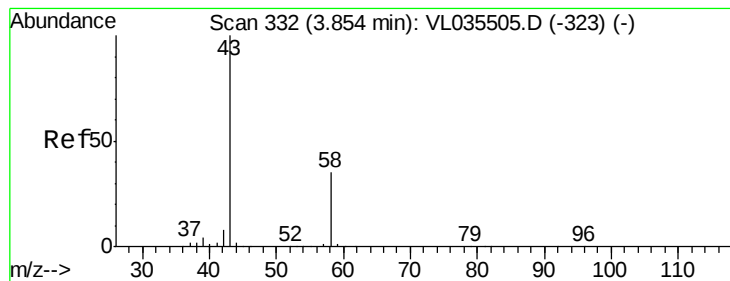
Ion Ratio Lower Upper

108 100

106 105.9 84.9 127.3

79 14.1 10.8 16.2





#15

Acetone

Concen: 8.321 ppbv

RT: 3.84 min Scan# 327

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

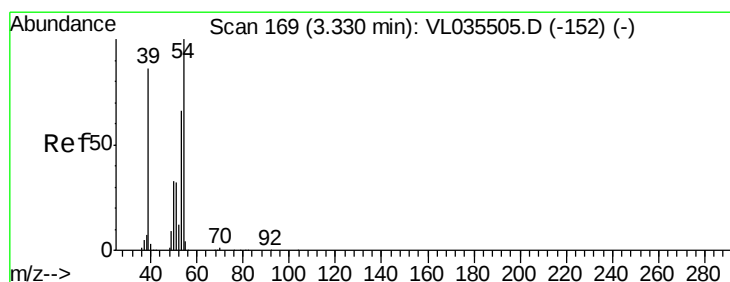
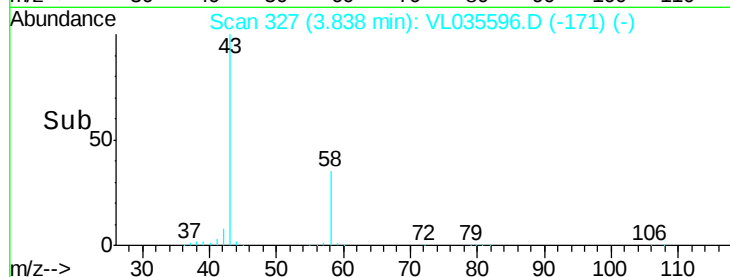
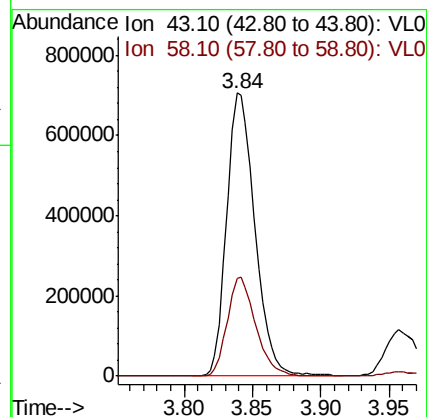
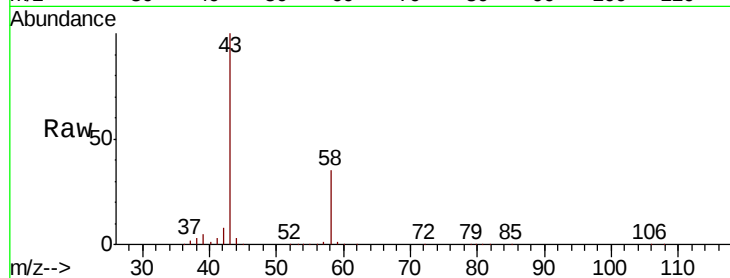
VSTDCCC010

Tot Ion: 43 Resp: 1018257

Ion Ratio Lower Upper

43 100

58 35.2 28.4 42.6



#16

1,3-Butadiene

Concen: 10.014 ppbv

RT: 3.32 min Scan# 165

Delta R.T. 0.00 min

Lab File: VL035596.D

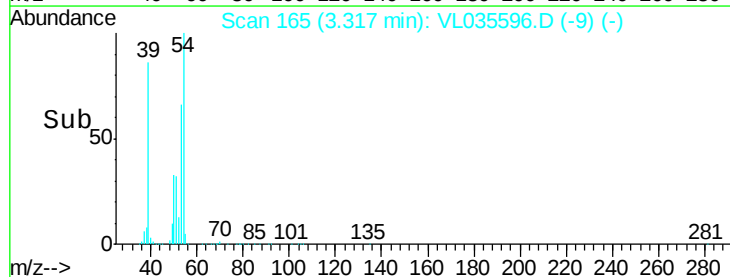
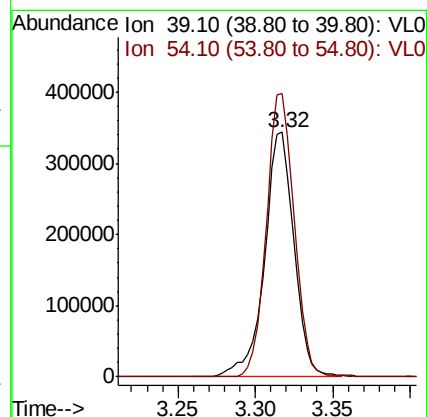
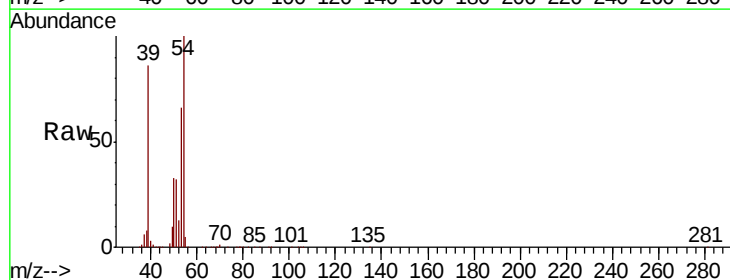
Acq: 14 Sep 2020 10:11

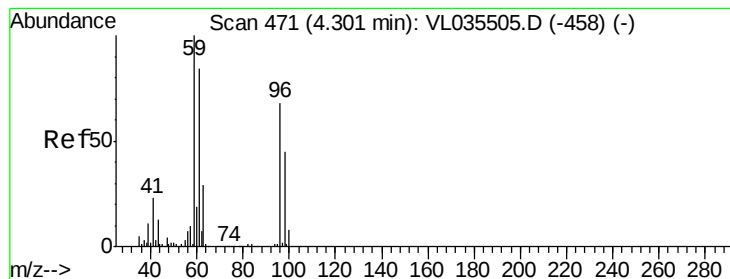
Tgt Ion: 39 Resp: 456180

Ion Ratio Lower Upper

39 100

54 110.1 88.4 132.6



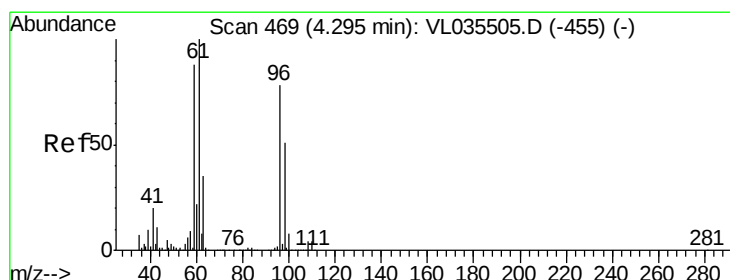
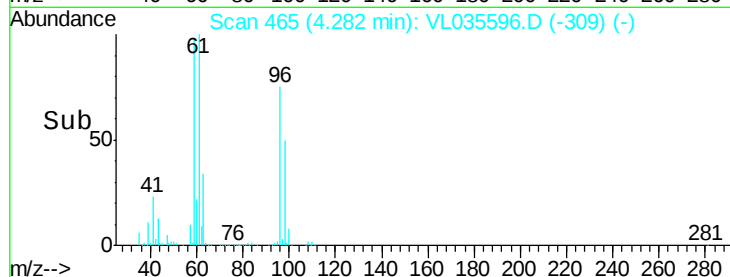
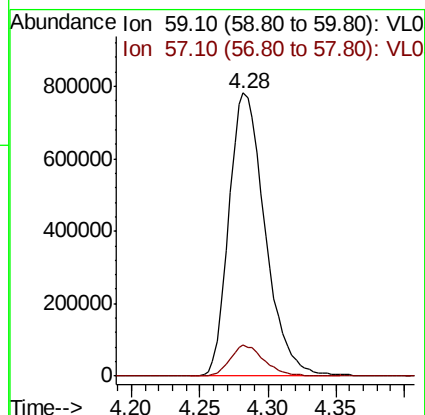
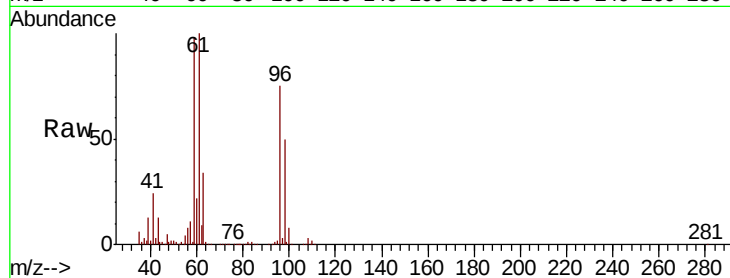


#17

tert-Butyl alcohol
 Concen: 9.693 ppbv
 RT: 4.28 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: VL035596.D
 Acq: 14 Sep 2020 10:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

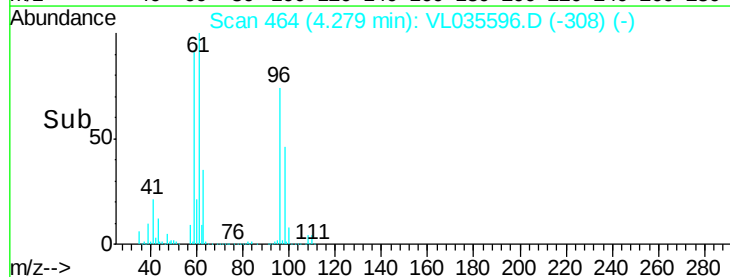
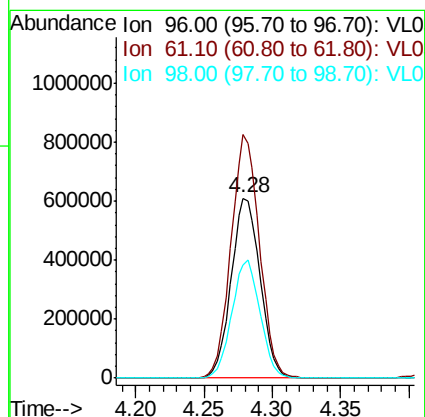
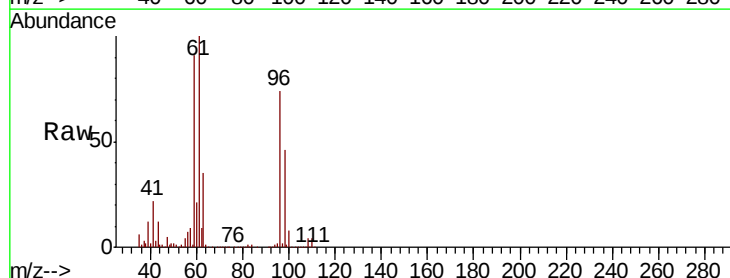
Tot Ion: 59 Resp: 1443837
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.4 12.6

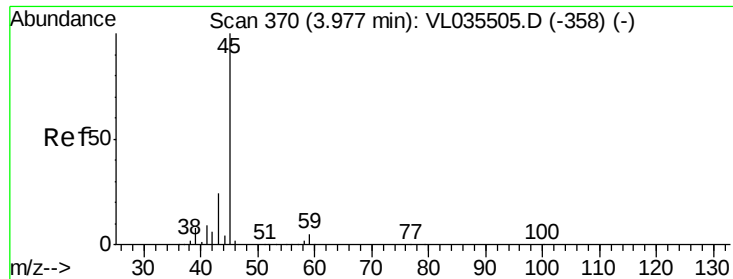


#18

1,1-Dichloroethene
 Concen: 9.682 ppbv
 RT: 4.28 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: VL035596.D
 Acq: 14 Sep 2020 10:11

Tgt Ion: 96 Resp: 902335
 Ion Ratio Lower Upper
 96 100
 61 135.2 103.0 154.6
 98 62.8 52.8 79.2





#19

Isopropyl Alcohol

Concen: 9.608 ppbv

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

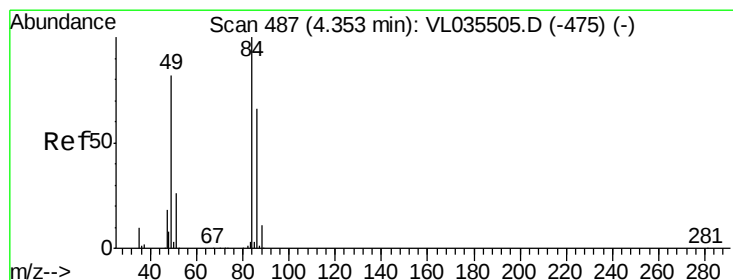
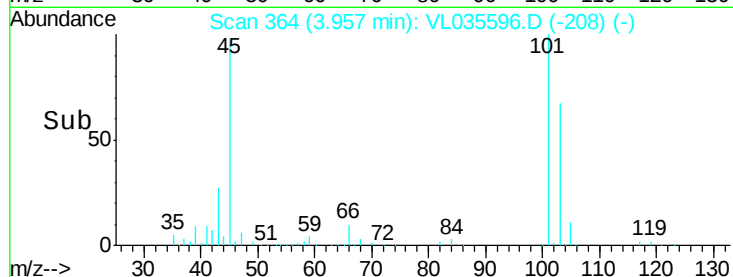
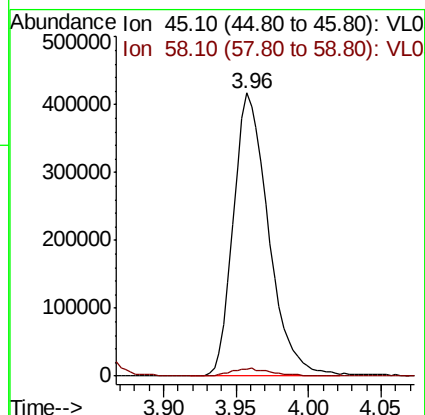
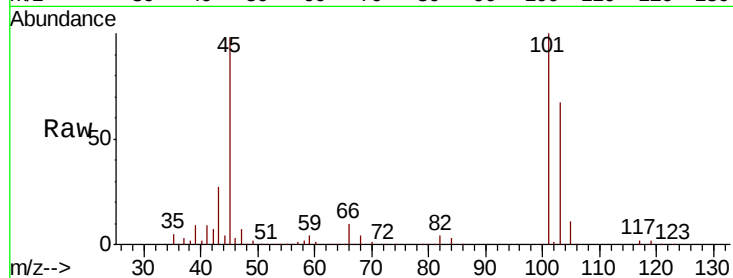
VSTDCCC010

Tot Ion: 45 Resp: 701431

Ion Ratio Lower Upper

45 100

58 3.5 2.0 3.0#



#20

Methylene Chloride

Concen: 8.784 ppbv

RT: 4.34 min Scan# 482

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Tgt Ion: 84 Resp: 800603

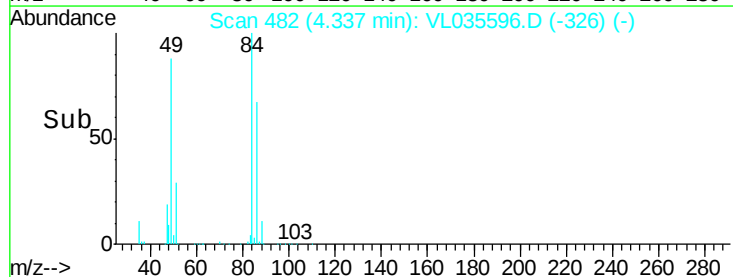
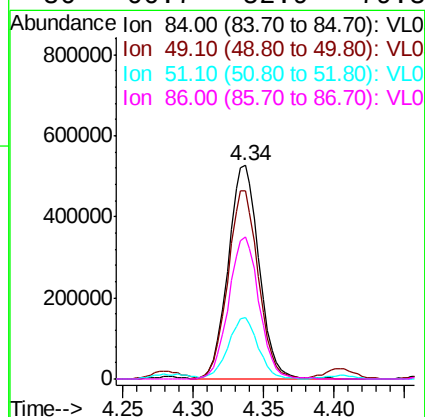
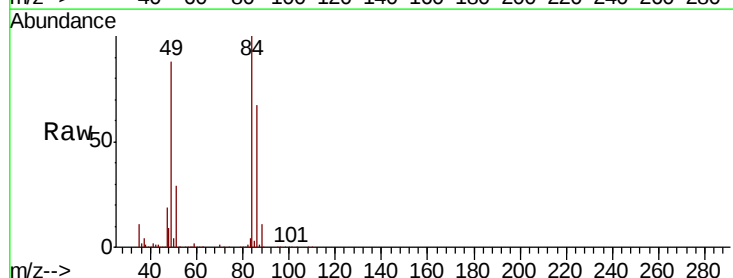
Ion Ratio Lower Upper

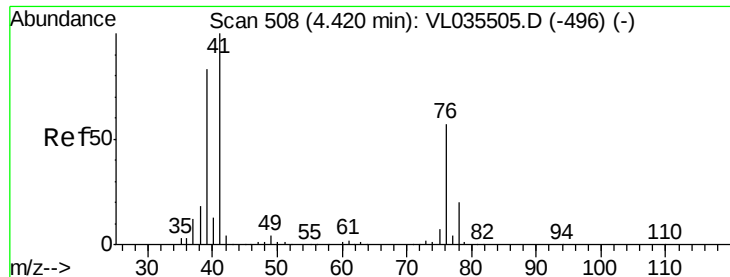
84 100

49 87.7 65.4 98.0

51 27.9 21.5 32.3

86 66.7 52.9 79.3





#21

Allvl Chloride

Concen: 10.496 ppbv

RT: 4.40 min Scan# 503

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

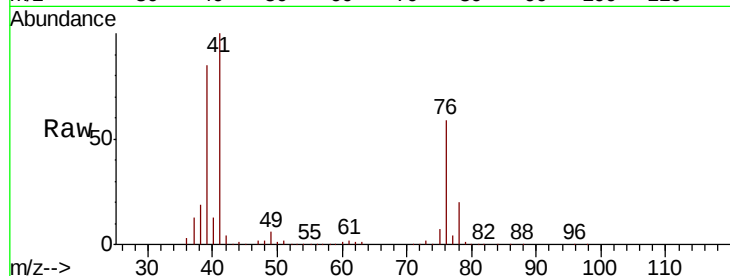
Tot Ion: 41 Resp: 601718

Ion Ratio Lower Upper

41 100

76 58.4 46.2 69.2

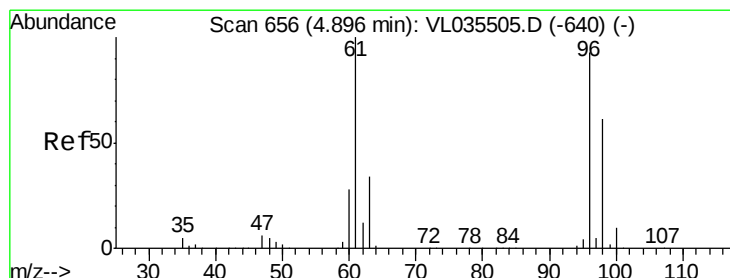
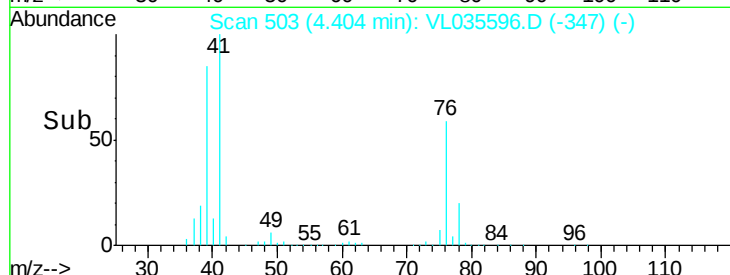
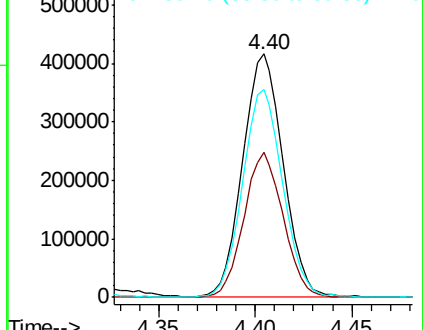
39 85.6 67.8 101.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 9.333 ppbv

RT: 4.88 min Scan# 650

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

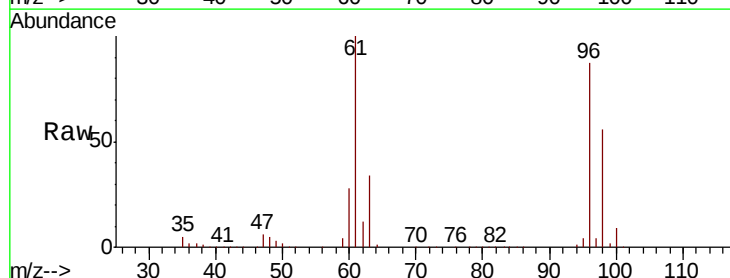
Tgt Ion: 96 Resp: 926013

Ion Ratio Lower Upper

96 100

61 115.3 86.0 129.0

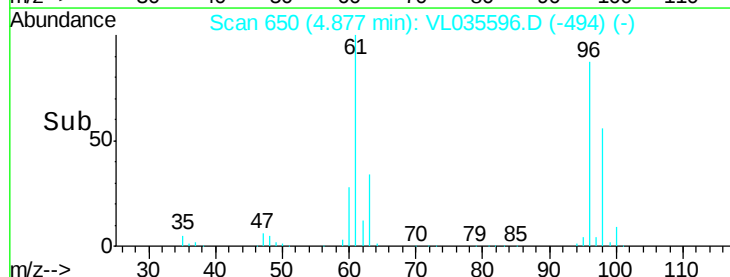
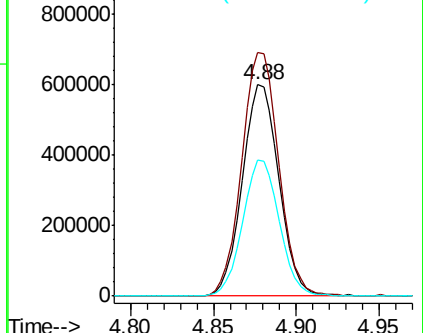
98 64.2 52.3 78.5

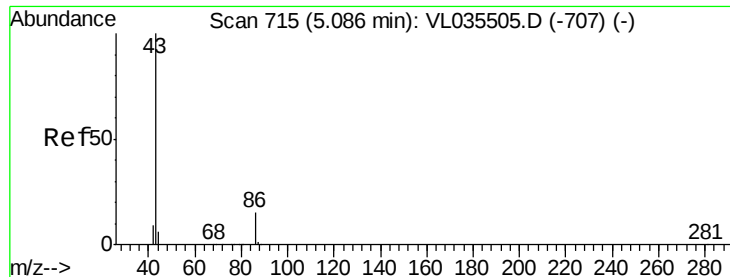


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#23

Vinyl Acetate

Concen: 9.746 ppbv

RT: 5.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 43 Resp: 1530692

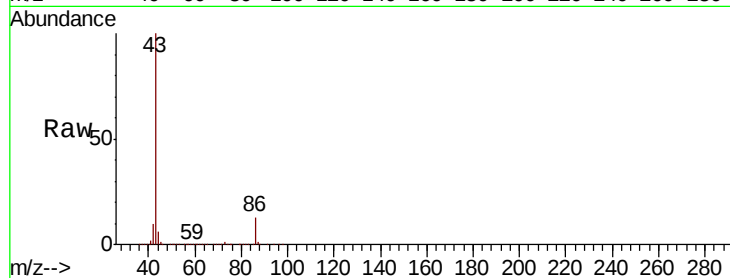
Ion	Ratio	Lower	Upper
43	100		
86	12.9	10.6	16.0
42	10.1	7.5	11.3
44	6.1	4.4	6.6

43 100

86 12.9 10.6 16.0

42 10.1 7.5 11.3

44 6.1 4.4 6.6



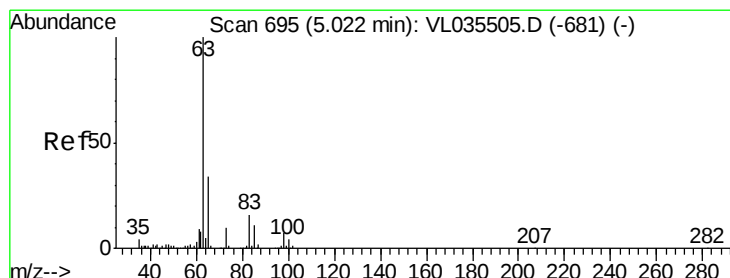
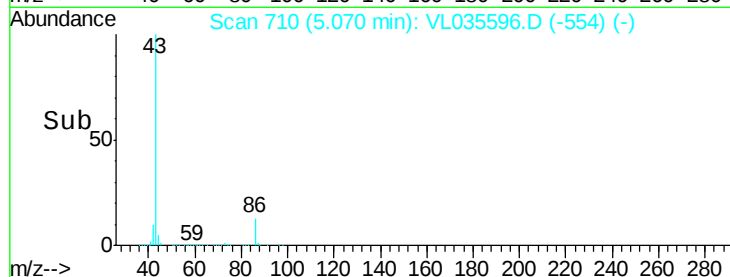
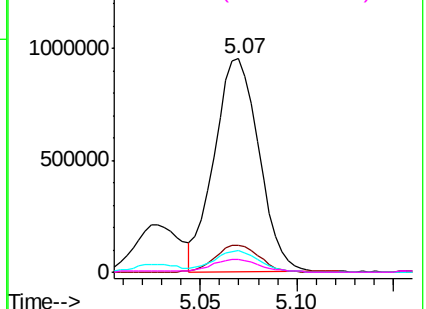
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 9.450 ppbv

RT: 5.01 min Scan# 690

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

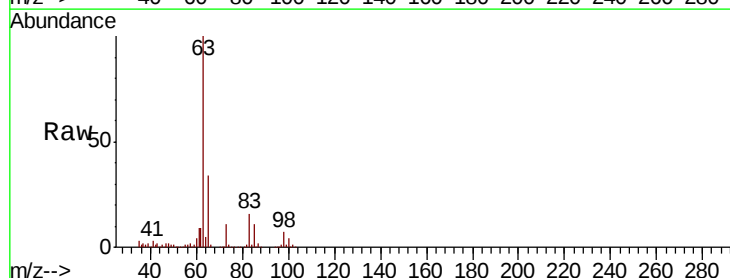
Tgt Ion: 63 Resp: 1527449

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.4	10.1
100	4.0	2.1	6.5

63 100

98 6.6 3.4 10.1

100 4.0 2.1 6.5

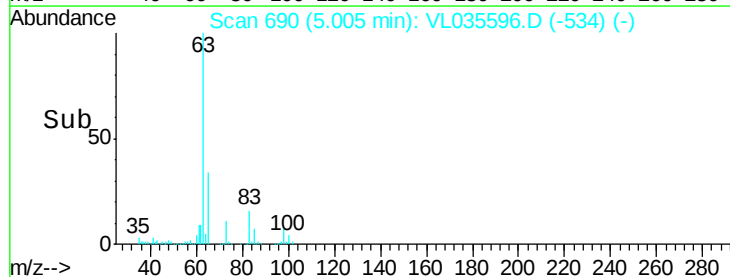
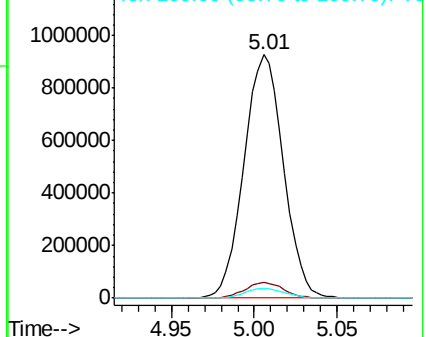


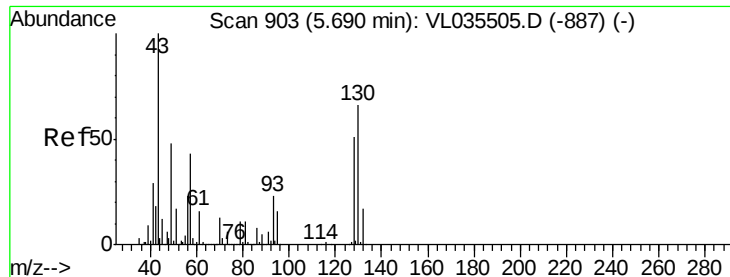
Abundance

Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



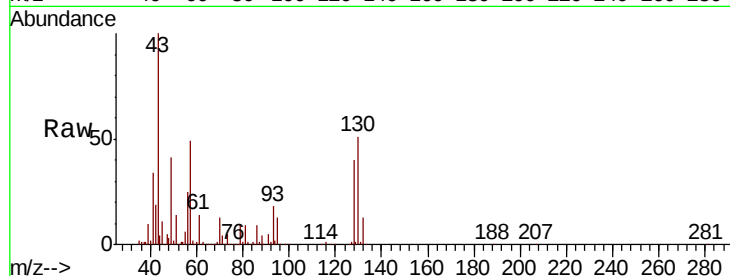


#25
Ethyl Acetate
Concen: 9.695 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL035596.D
Acq: 14 Sep 2020 10:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 43 Resp: 2095973

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.4	12.6
61	13.1	10.6	16.0
70	11.3	9.4	14.2



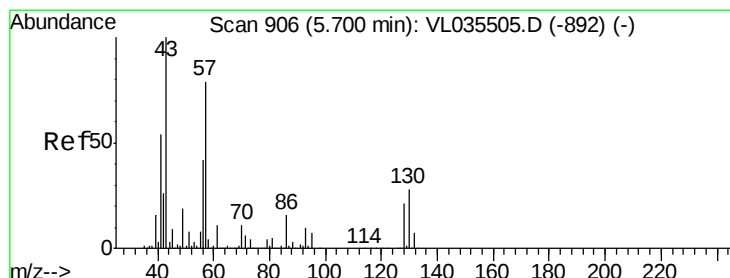
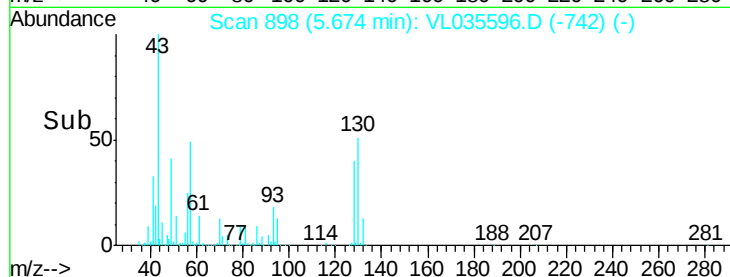
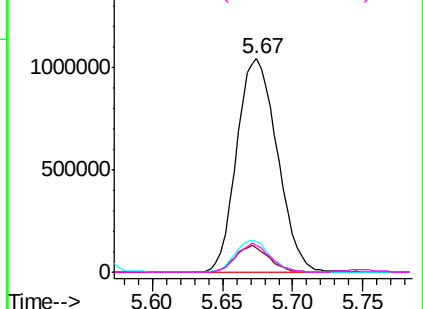
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

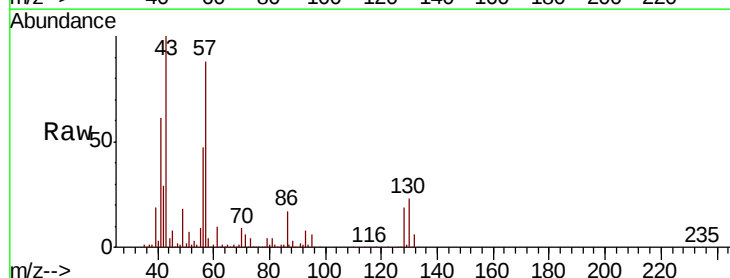
Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 9.841 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL035596.D
Acq: 14 Sep 2020 10:11

Tgt Ion: 57 Resp: 1205456

Ion	Ratio	Lower	Upper
57	100		
41	71.6	55.9	83.9
43	174.7	141.8	212.8
56	52.8	41.8	62.8



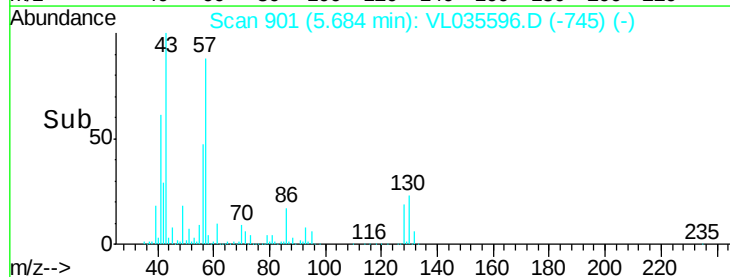
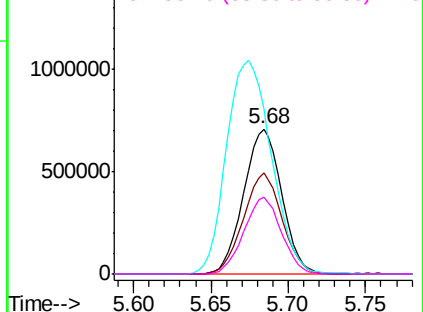
Abundance

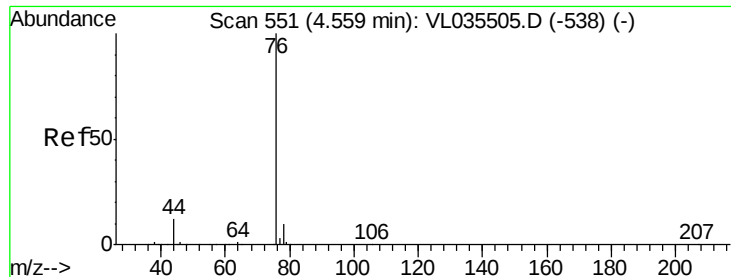
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 11.126 ppbv

RT: 4.54 min Scan# 546

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

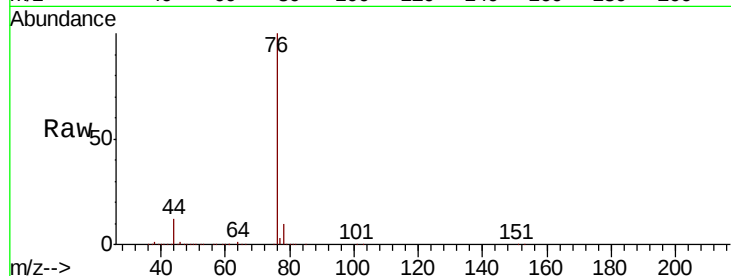
Tot Ion: 76 Resp: 1955759

Ion Ratio Lower Upper

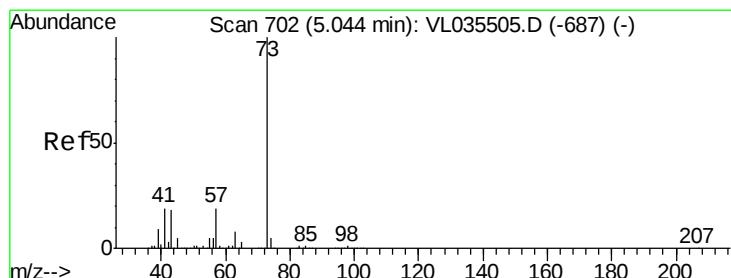
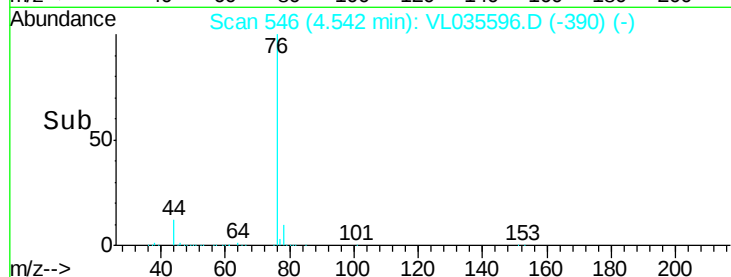
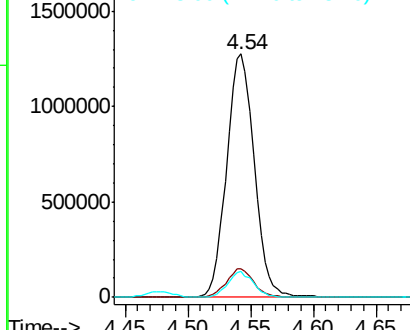
76 100

44 11.7 9.3 13.9

78 9.6 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 9.514 ppbv

RT: 5.03 min Scan# 697

Delta R.T. 0.00 min

Lab File: VL035596.D

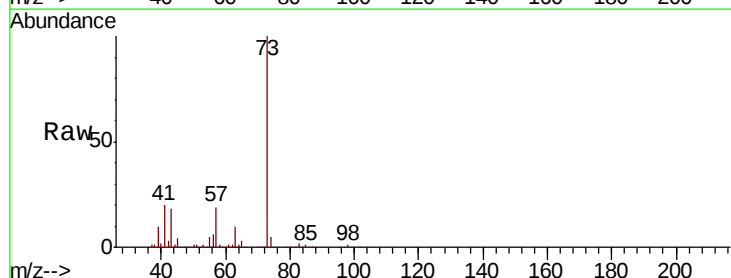
Acq: 14 Sep 2020 10:11

Tgt Ion: 73 Resp: 2031143

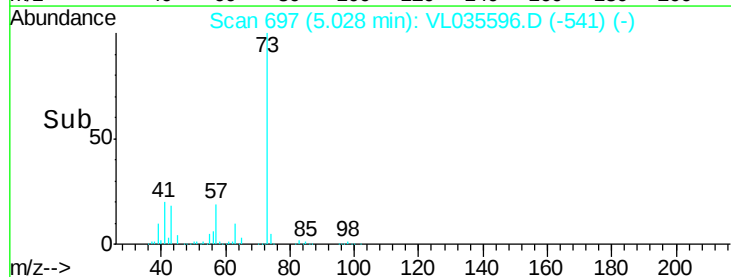
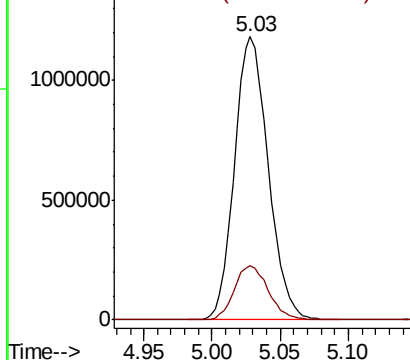
Ion Ratio Lower Upper

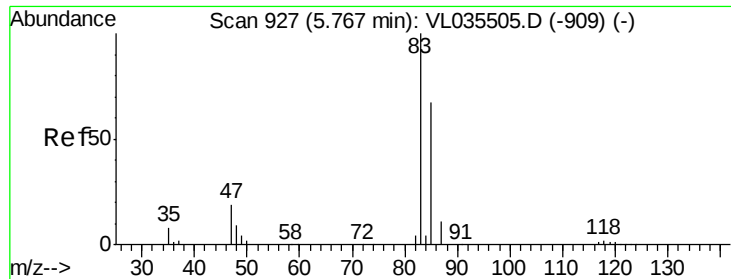
73 100

57 19.4 15.2 22.8



Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0

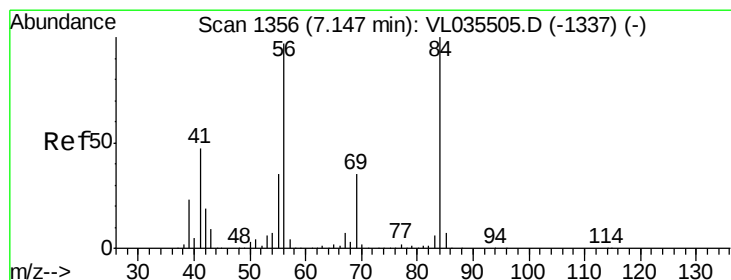
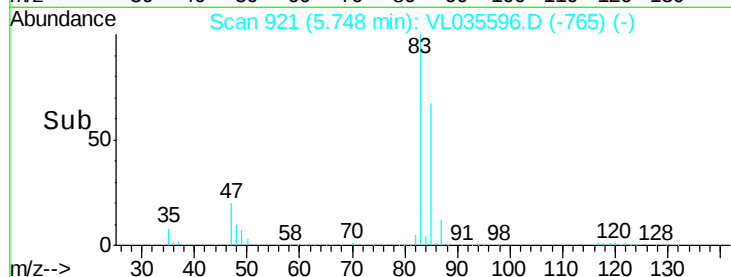
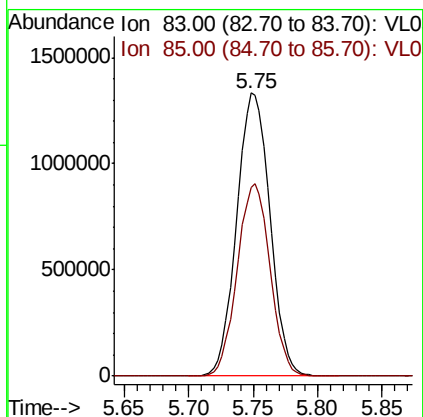
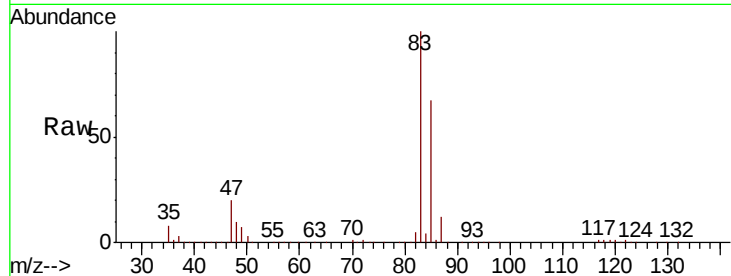




#29
Chloroform
Concen: 9.623 ppbv
RT: 5.75 min Scan# 921
Delta R.T. 0.00 min
Lab File: VL035596.D
Acq: 14 Sep 2020 10:11

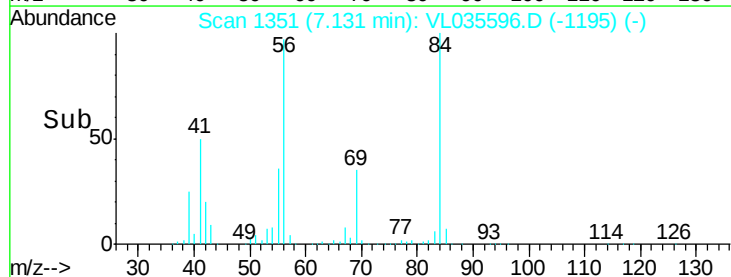
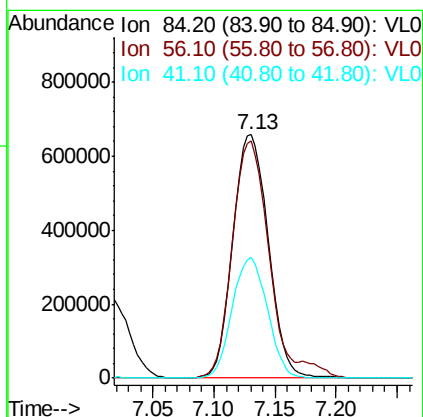
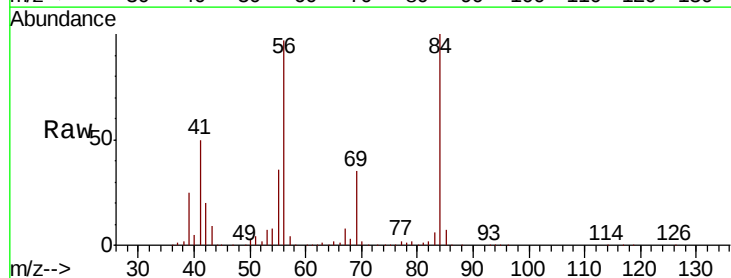
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

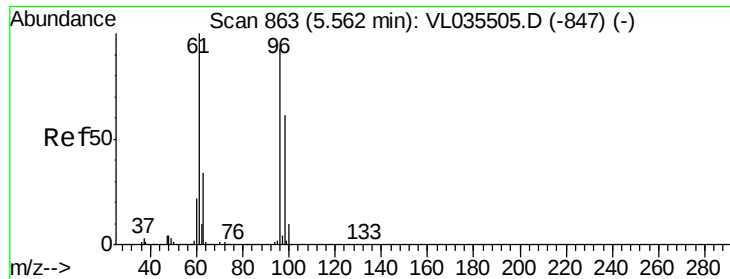
Tot Ion: 83 Resp: 2401581
Ion Ratio Lower Upper
83 100
85 66.4 53.9 80.9



#30
Cyclohexane
Concen: 10.094 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.00 min
Lab File: VL035596.D
Acq: 14 Sep 2020 10:11

Tgt Ion: 84 Resp: 1324512
Ion Ratio Lower Upper
84 100
56 102.7 80.1 120.1
41 49.5 38.1 57.1



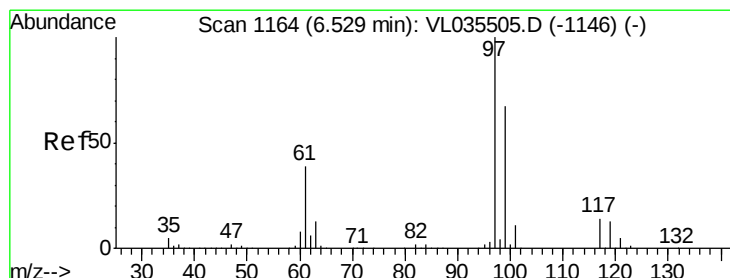
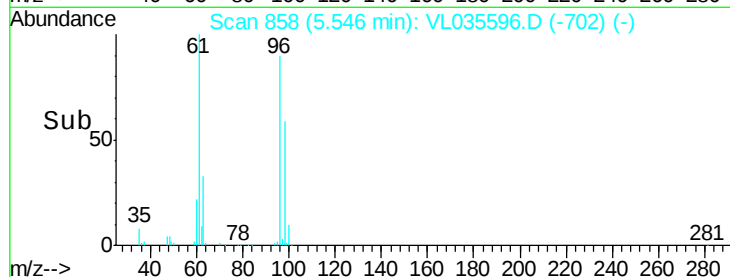
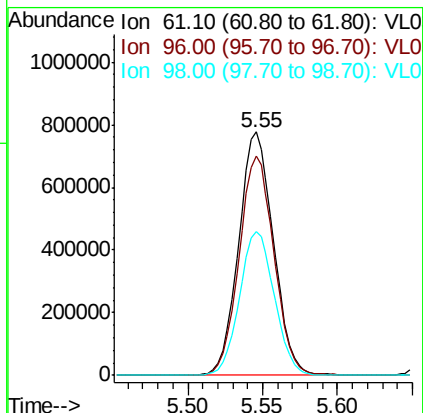
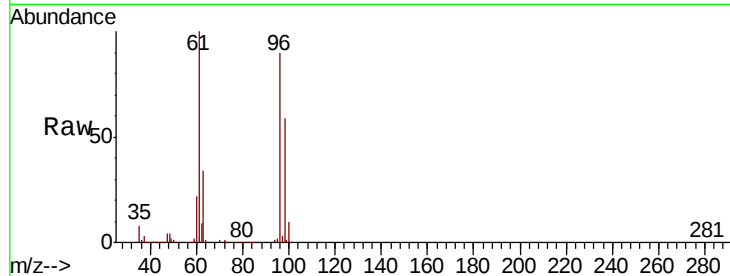


#31

cis-1,2-Dichloroethene
 Concen: 9.998 ppbv
 RT: 5.55 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: VL035596.D
 Acq: 14 Sep 2020 10:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

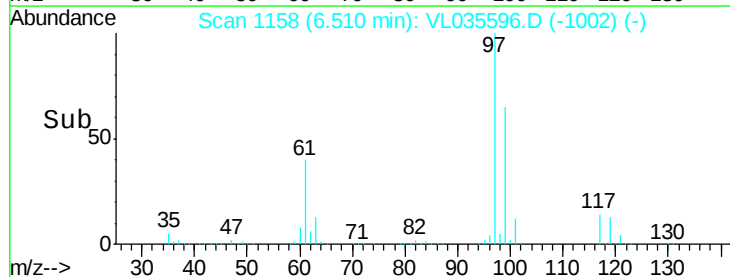
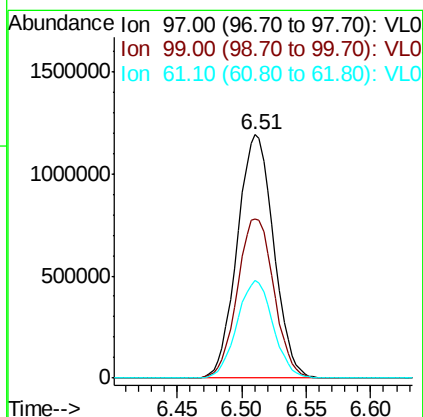
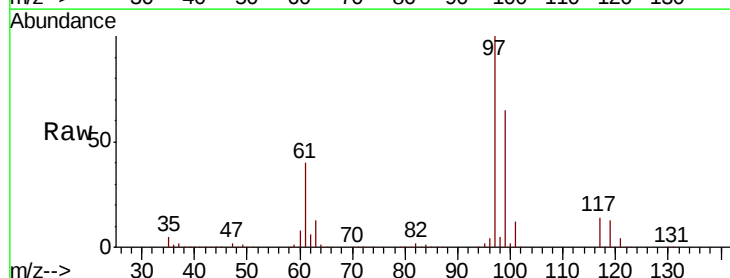
Tot Ion: 61 Resp: 1256465
 Ion Ratio Lower Upper
 61 100
 96 89.8 74.4 111.6
 98 59.0 49.2 73.8

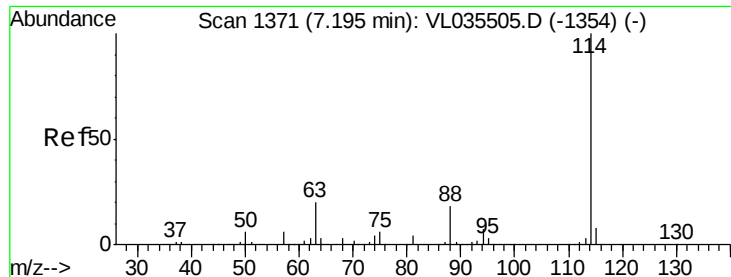


#32

1,1,1-Trichloroethane
 Concen: 9.659 ppbv
 RT: 6.51 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: VL035596.D
 Acq: 14 Sep 2020 10:11

Tgt Ion: 97 Resp: 2338456
 Ion Ratio Lower Upper
 97 100
 99 65.9 53.3 79.9
 61 39.9 30.6 46.0

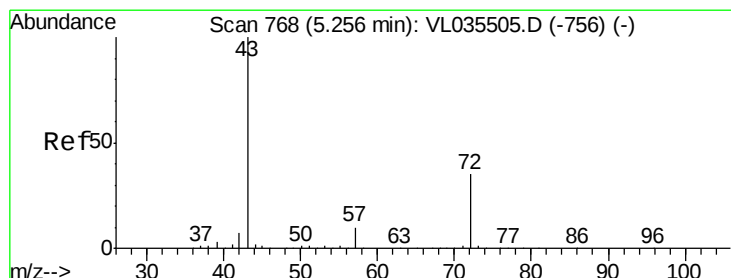
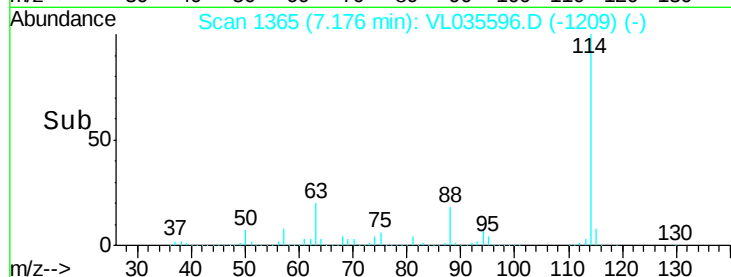
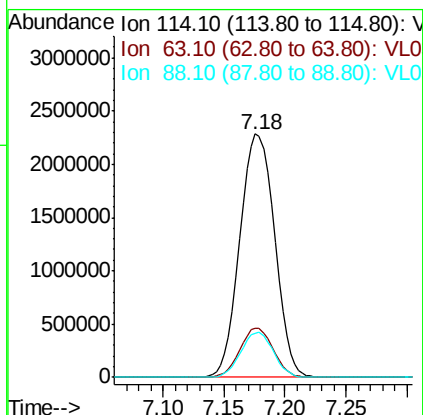
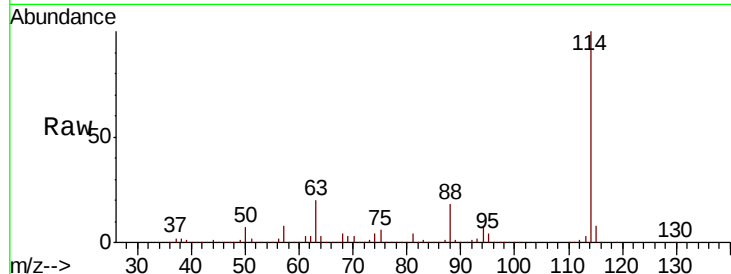




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VL035596.D
 Acq: 14 Sep 2020 10:11

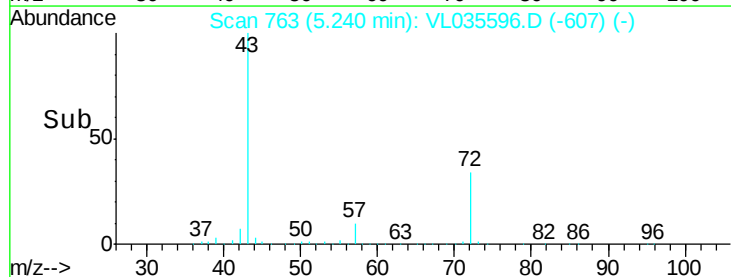
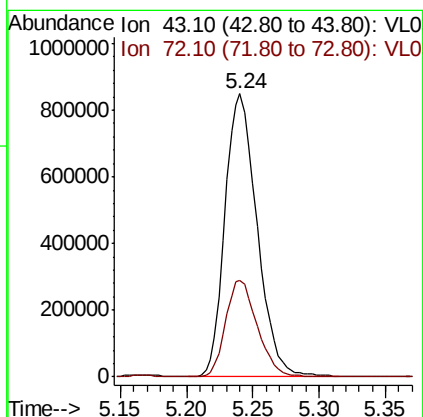
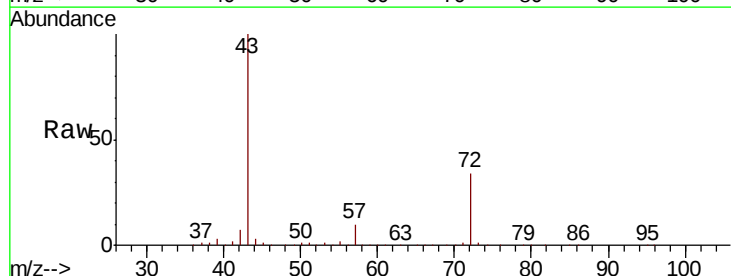
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

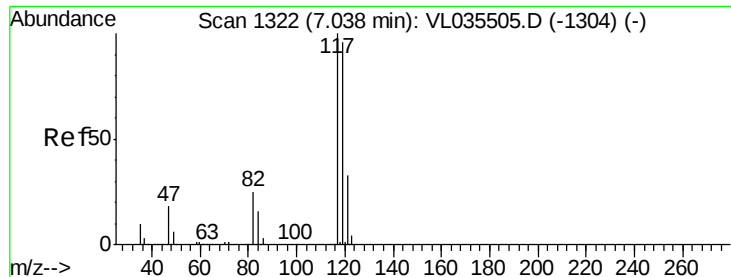
Tot Ion:114 Resp: 4509345
 Ion Ratio Lower Upper
 114 100
 63 19.6 14.7 22.1
 88 17.3 13.4 20.2



#34
 2-Butanone
 Concen: 10.676 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: VL035596.D
 Acq: 14 Sep 2020 10:11

Tgt Ion: 43 Resp: 1428653
 Ion Ratio Lower Upper
 43 100
 72 33.8 27.7 41.5





#35

Carbon Tetrachloride

Concen: 10.857 ppbv

RT: 7.02 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

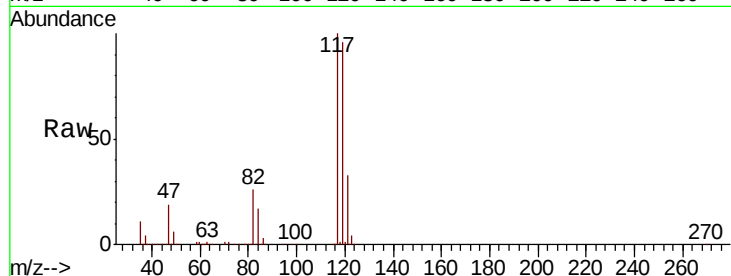
Tot Ion:117 Resp: 2460535

Ion Ratio Lower Upper

117 100

119 96.0 77.2 115.8

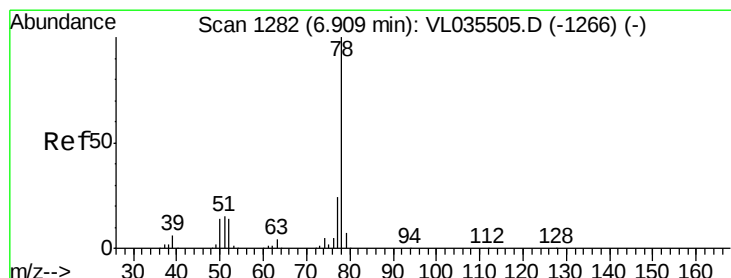
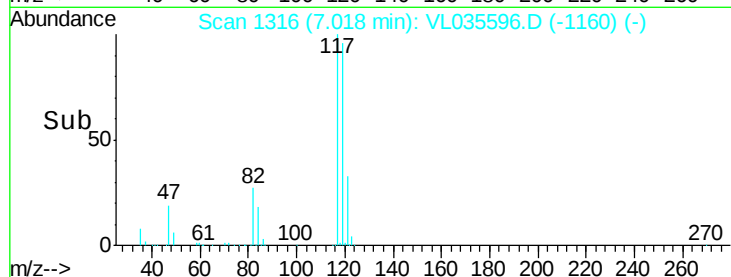
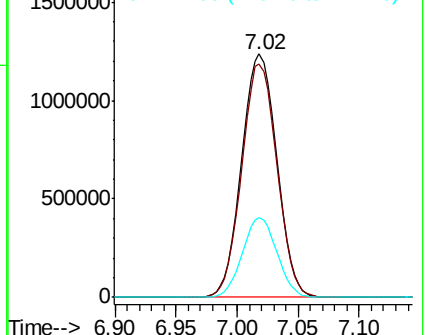
121 32.5 26.1 39.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 10.377 ppbv

RT: 6.89 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

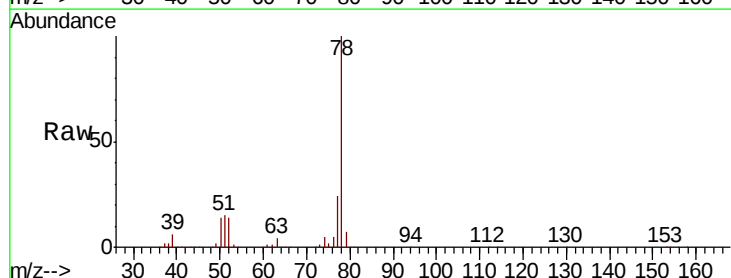
Tgt Ion: 78 Resp: 3029030

Ion Ratio Lower Upper

78 100

77 24.5 19.3 28.9

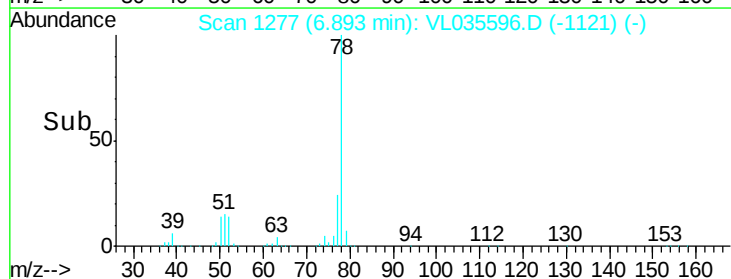
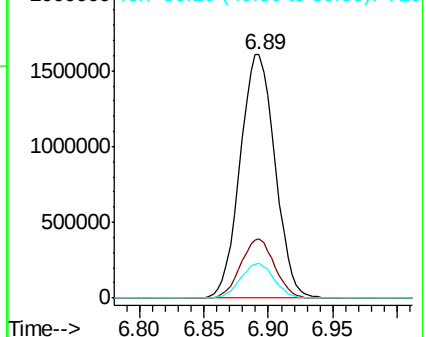
50 14.2 11.0 16.6

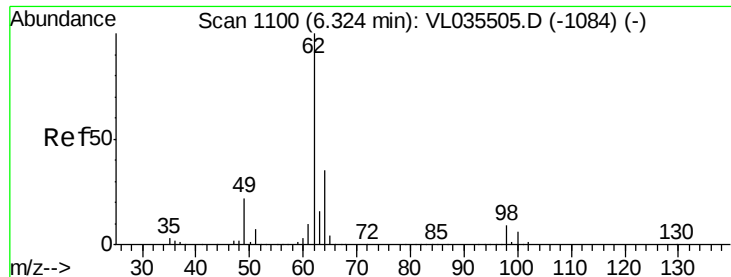


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

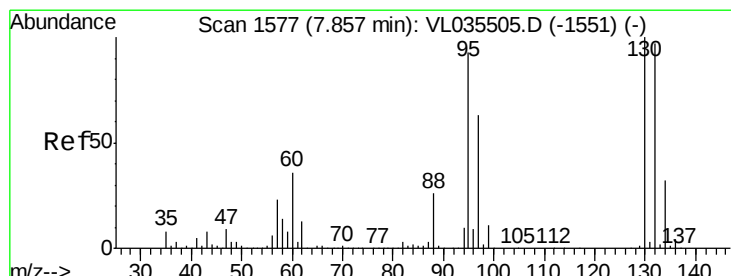
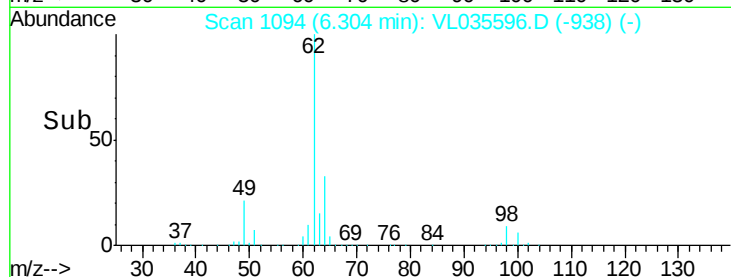
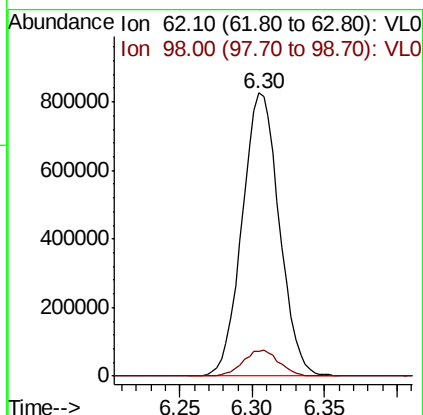
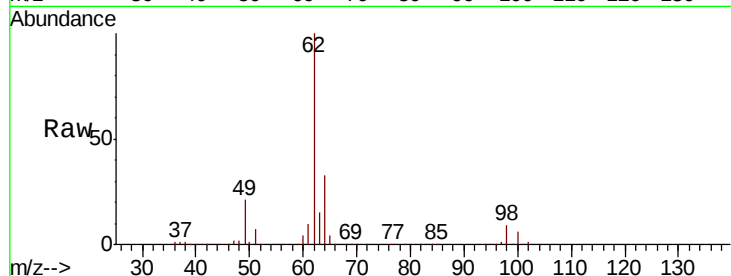




#37
 1,2-Dichloroethane
 Concen: 10.560 ppbv
 RT: 6.30 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: VL035596.D
 Acq: 14 Sep 2020 10:11

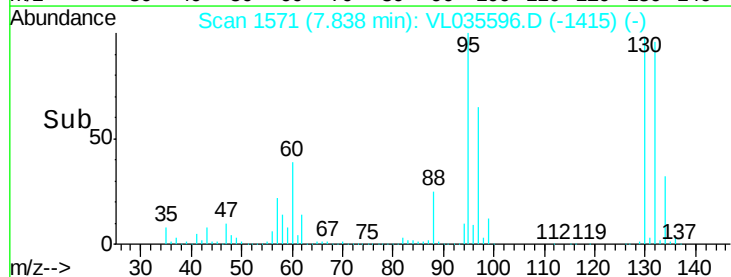
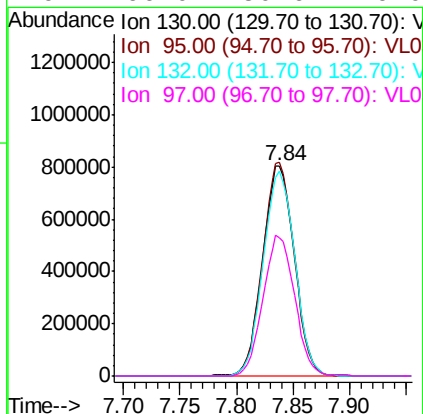
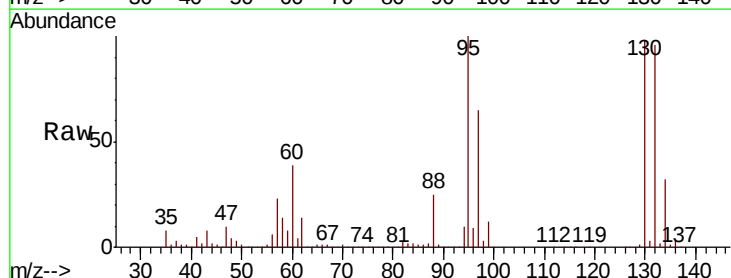
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

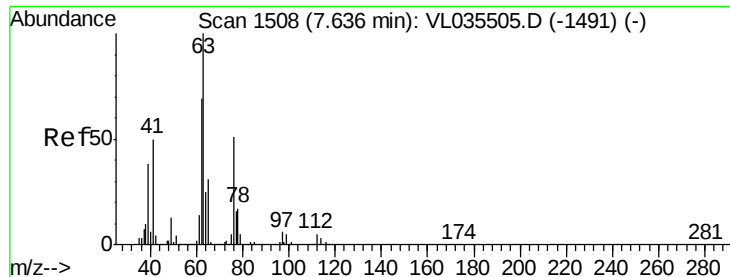
Tot Ion: 62 Resp: 1469579
 Ion Ratio Lower Upper
 62 100
 98 9.0 7.4 11.0



#38
 Trichloroethene
 Concen: 9.269 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VL035596.D
 Acq: 14 Sep 2020 10:11

Tgt Ion: 130 Resp: 1571592
 Ion Ratio Lower Upper
 130 100
 95 101.6 74.6 112.0
 132 97.6 77.6 116.4
 97 66.0 50.6 76.0





#39

1,2-Dichloropropane

Concen: 10.468 ppbv

RT: 7.61 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

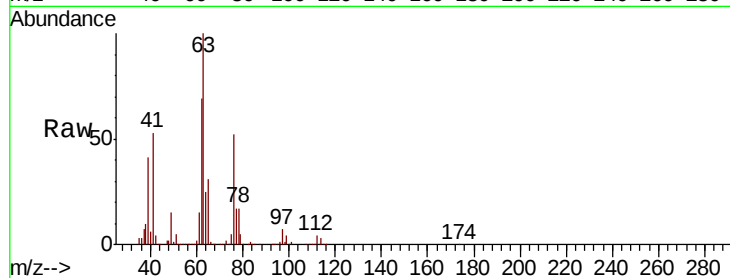
Tot Ion: 63 Resp: 1032214

Ion Ratio Lower Upper

63 100

41 53.0 40.0 60.0

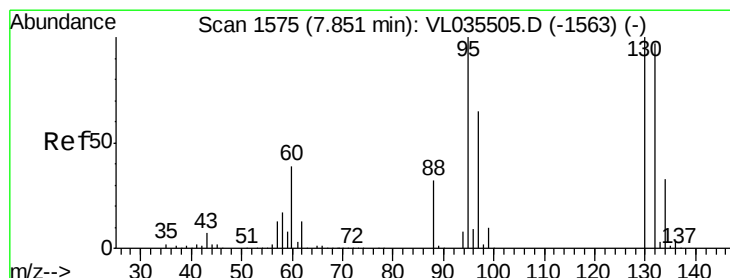
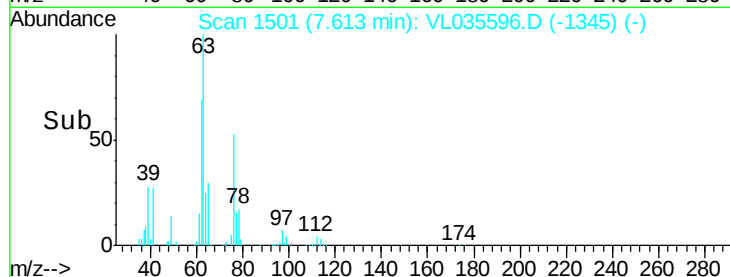
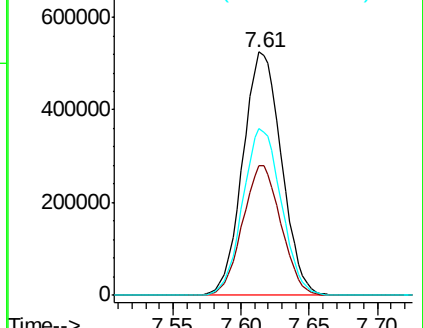
62 68.7 55.4 83.0



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 10.247 ppbv

RT: 7.83 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Tgt Ion: 88 Resp: 504755

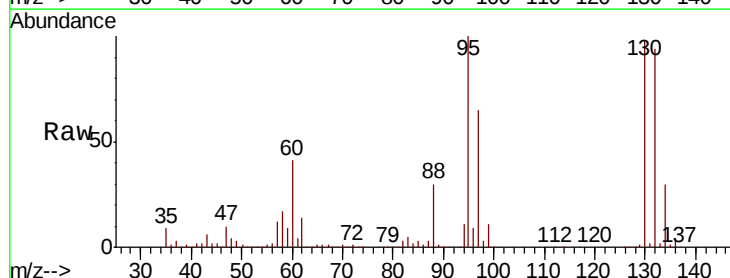
Ion Ratio Lower Upper

88 100

58 93.6 68.7 103.1

43 146.7 104.3 156.5

57 794.3 560.7 841.1

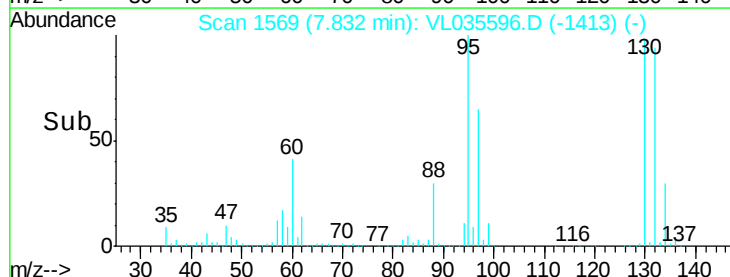
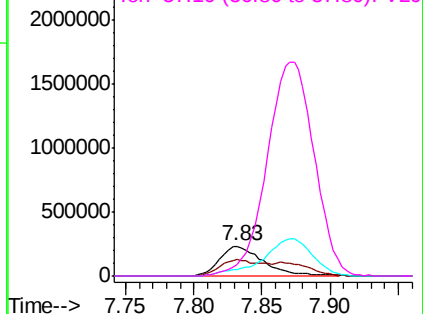


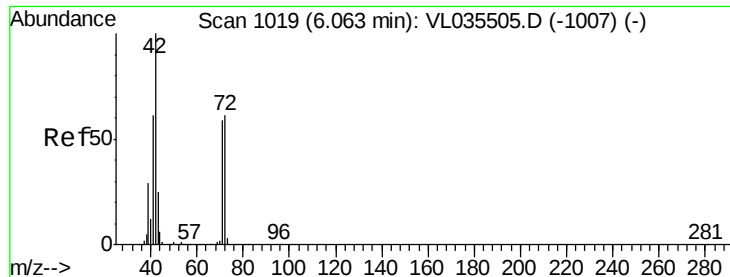
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 11.358 ppbv

RT: 6.04 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

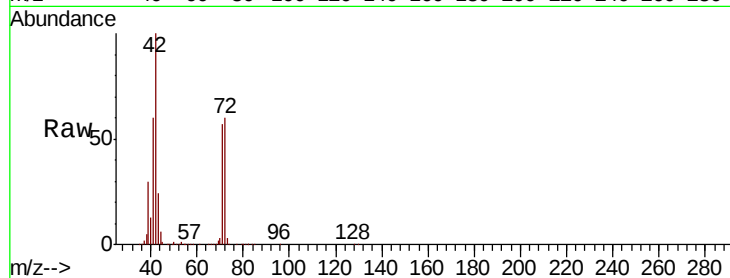
Tot Ion: 42 Resp: 806000

Ion Ratio Lower Upper

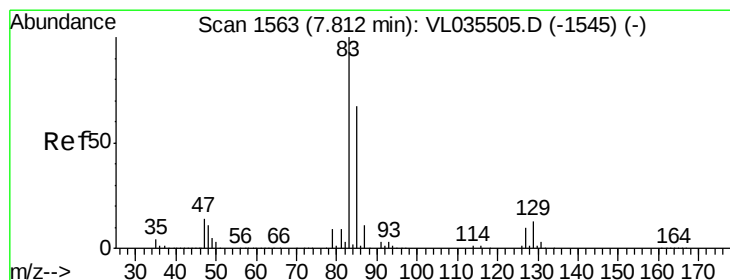
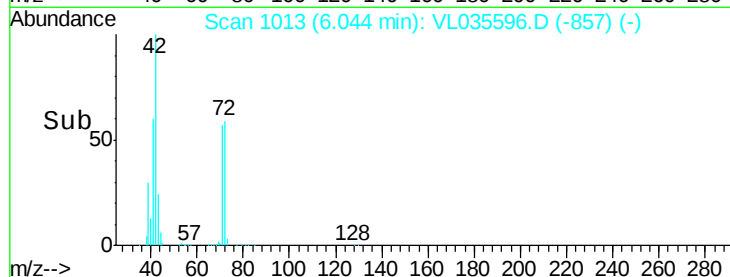
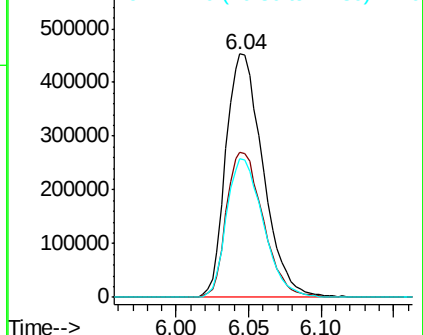
42 100

72 59.3 48.6 73.0

71 56.6 46.1 69.1



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 11.120 ppbv

RT: 7.80 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

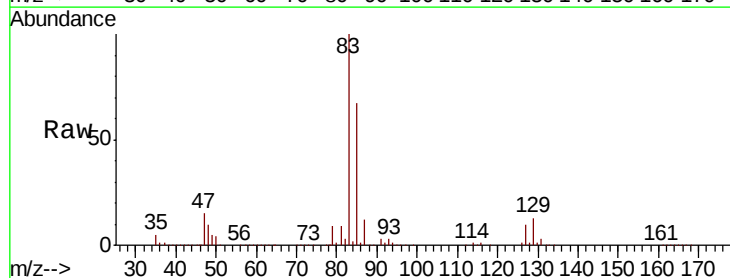
Tgt Ion: 83 Resp: 2502449

Ion Ratio Lower Upper

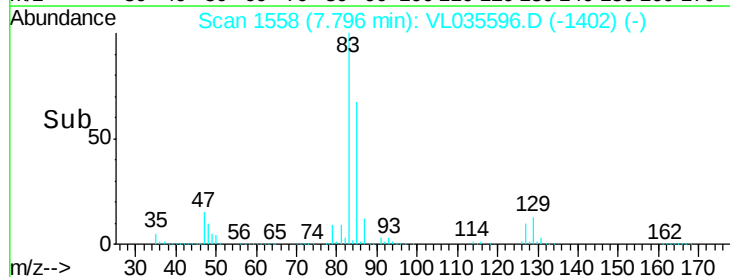
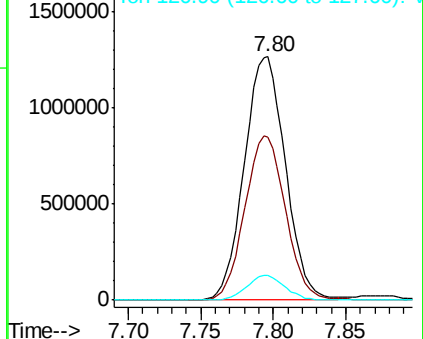
83 100

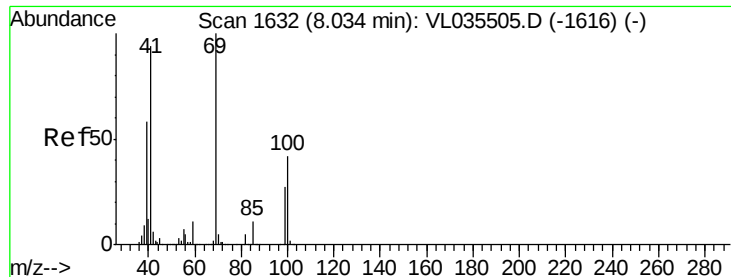
85 66.9 53.7 80.5

127 10.0 8.1 12.1



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V

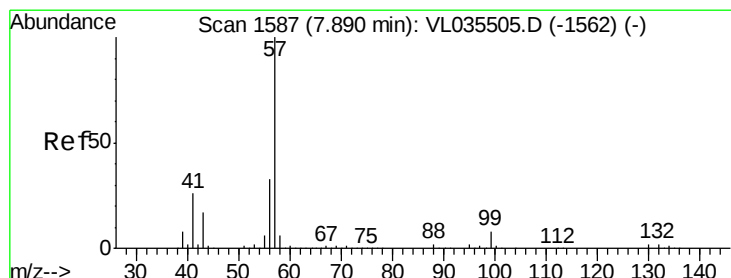
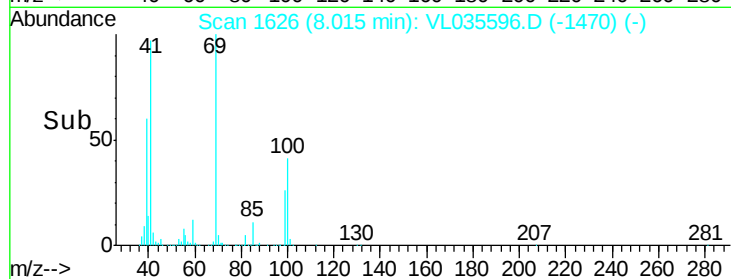
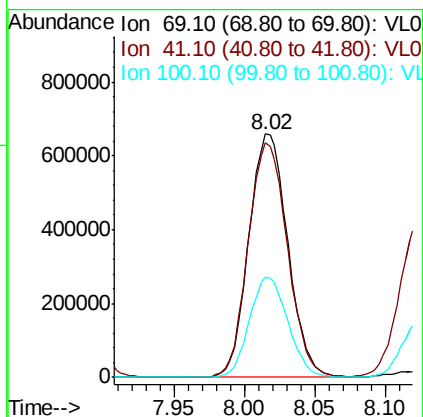
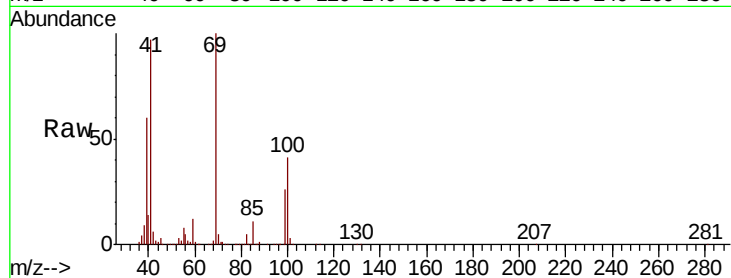




#43
Methvl Methacrilate
Concen: 11.284 ppbv
RT: 8.02 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VL035596.D
Acq: 14 Sep 2020 10:11

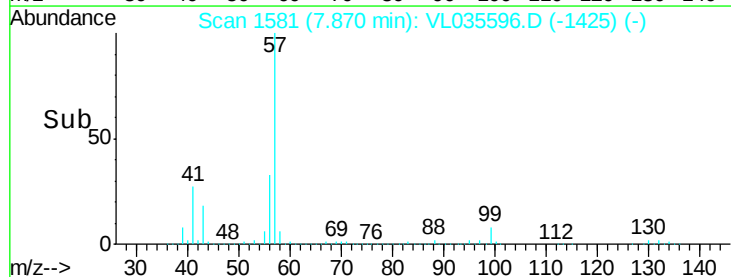
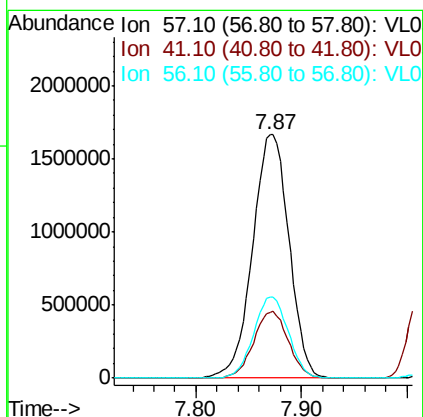
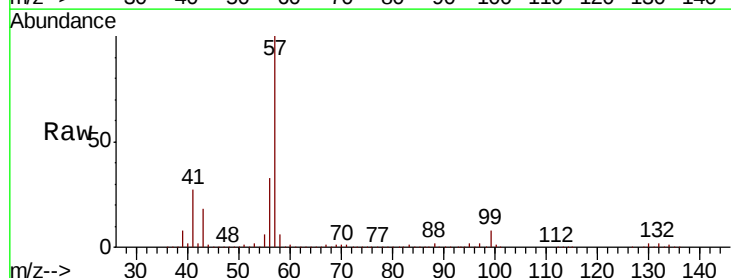
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

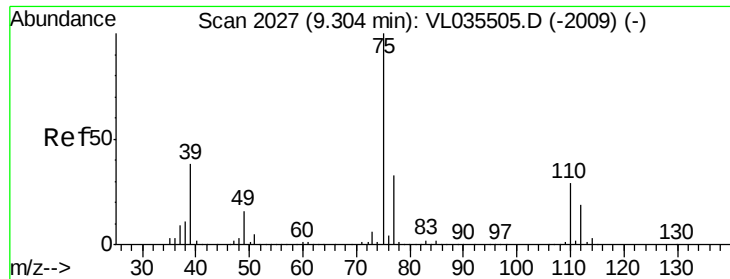
Tot Ion: 69 Resp: 1273592
Ion Ratio Lower Upper
69 100
41 97.3 76.6 114.8
100 40.7 33.8 50.6



#44
2,2,4-Trimethylpentane
Concen: 10.426 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VL035596.D
Acq: 14 Sep 2020 10:11

Tgt Ion: 57 Resp: 4004490
Ion Ratio Lower Upper
57 100
41 26.2 20.5 30.7
56 31.8 25.3 37.9

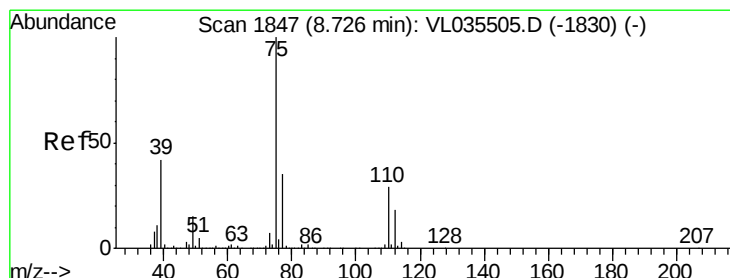
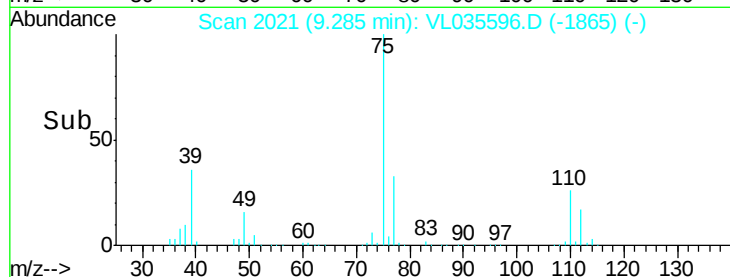
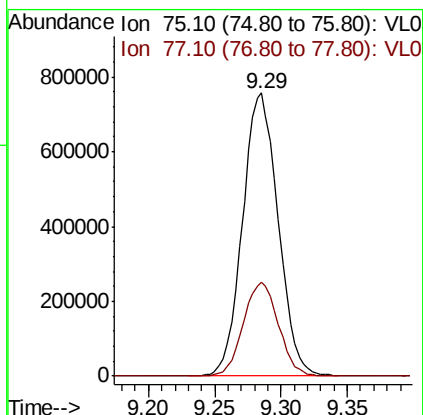
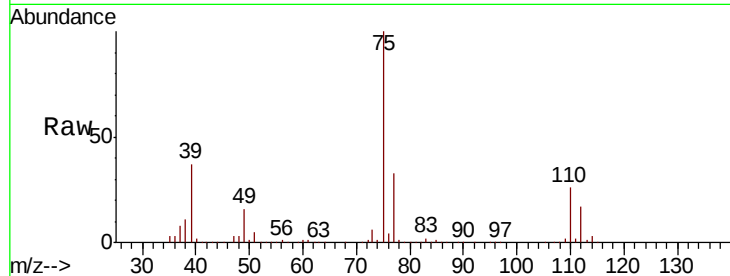




#45
 t-1,3-Dichloropropene
 Concen: 12.363 ppbv
 RT: 9.29 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: VL035596.D
 Acq: 14 Sep 2020 10:11

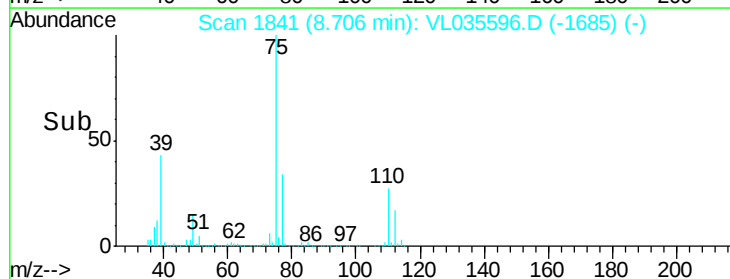
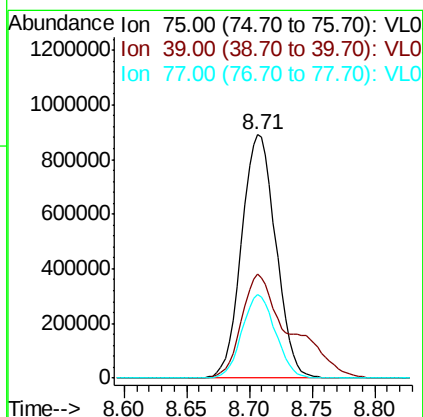
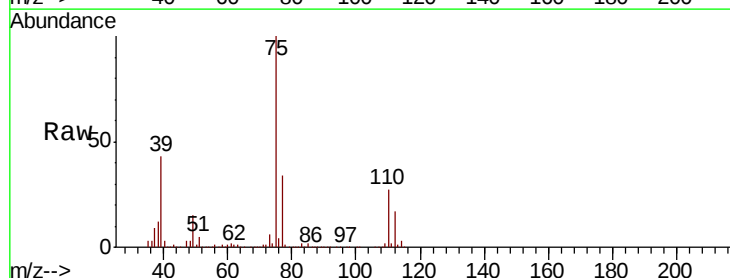
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

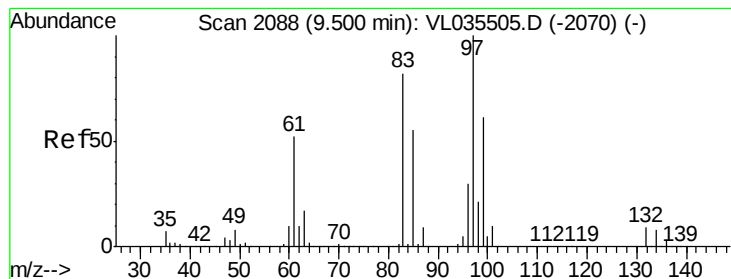
Tot Ion: 75 Resp: 1413586
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.5 39.7



#46
 cis-1,3-Dichloropropene
 Concen: 11.931 ppbv
 RT: 8.71 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VL035596.D
 Acq: 14 Sep 2020 10:11

Tgt Ion: 75 Resp: 1693711
 Ion Ratio Lower Upper
 75 100
 39 42.6 33.7 50.5
 77 34.3 27.8 41.6





#47

1,1,2-Trichloroethane

Concen: 10.342 ppbv

RT: 9.48 min Scan# 2082

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 97 Resp: 1504702

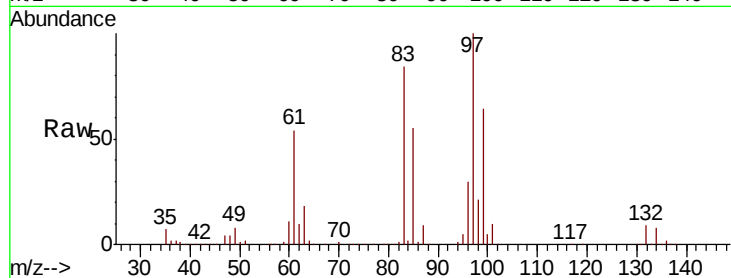
Ion Ratio Lower Upper

97 100

83 84.1 65.4 98.2

85 55.3 43.7 65.5

99 64.2 49.1 73.7

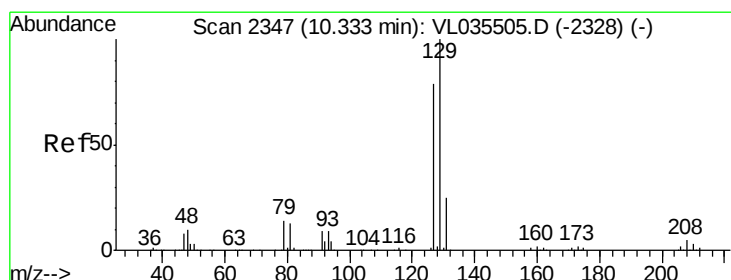
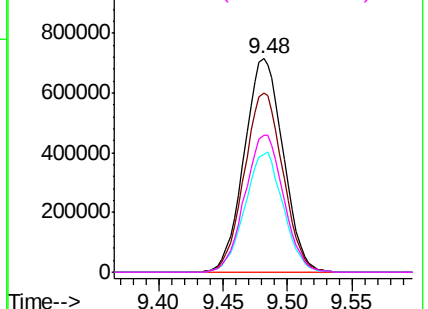
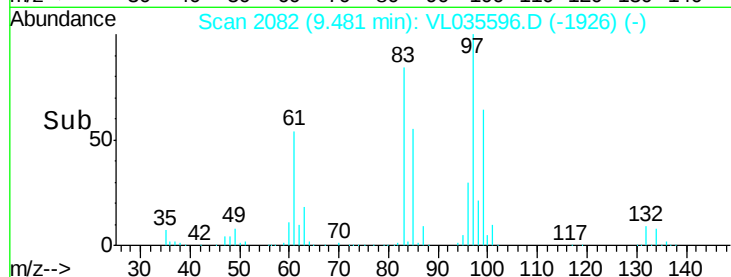


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48

Dibromochloromethane

Concen: 11.171 ppbv

RT: 10.31 min Scan# 2340

Delta R.T. 0.00 min

Lab File: VL035596.D

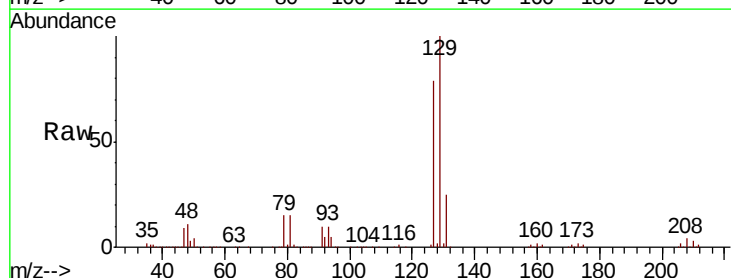
Acq: 14 Sep 2020 10:11

Tgt Ion: 129 Resp: 2558207

Ion Ratio Lower Upper

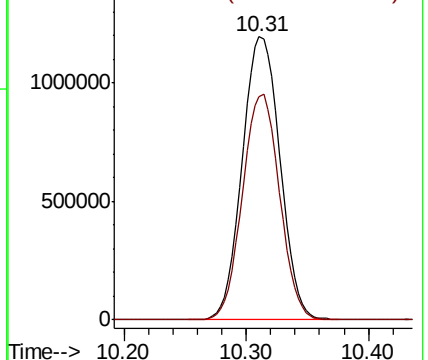
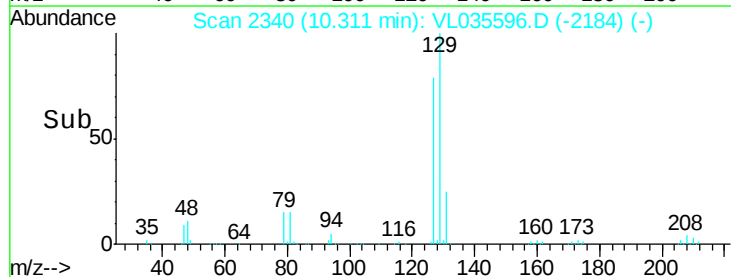
129 100

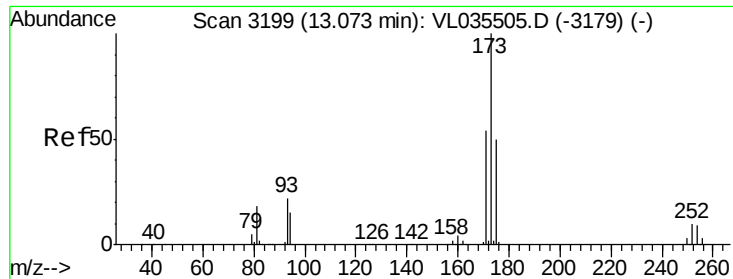
127 78.4 39.3 117.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 11.168 ppbv

RT: 13.05 min Scan# 3193

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

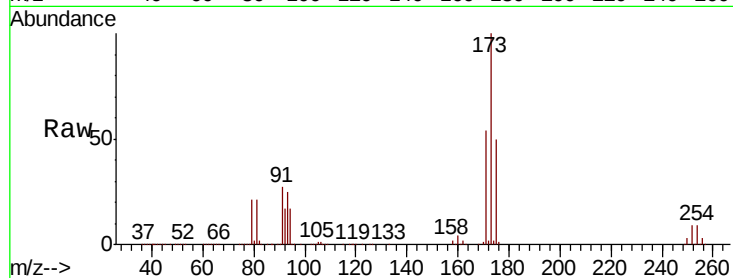
Tot Ion:173 Resp: 2317683

Ion Ratio Lower Upper

173 100

175 50.0 39.8 59.8

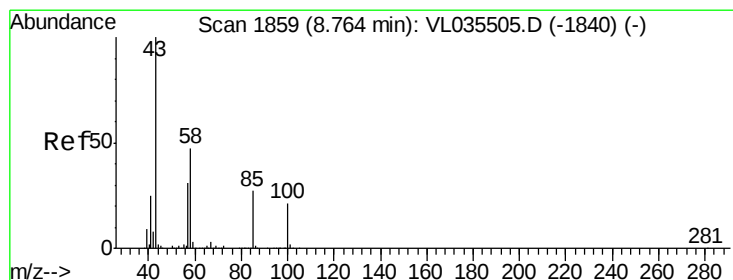
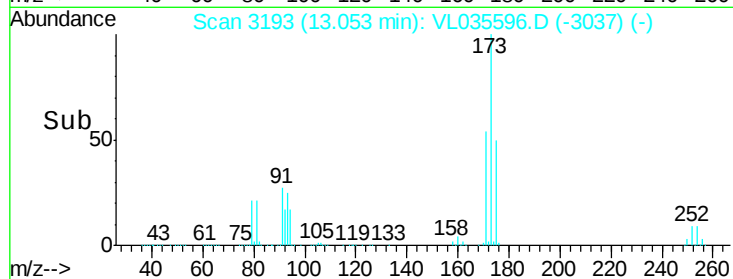
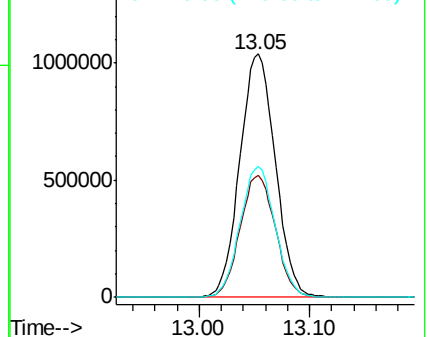
171 53.3 42.4 63.6



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 11.213 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VL035596.D

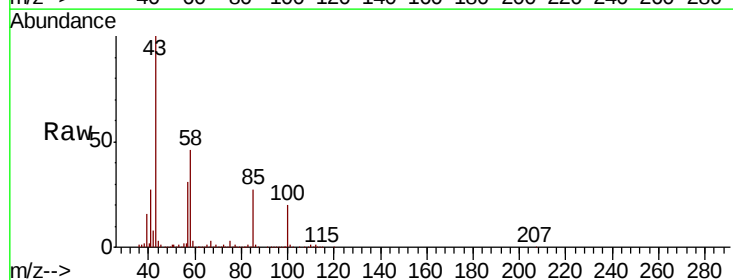
Acq: 14 Sep 2020 10:11

Tgt Ion: 43 Resp: 2172782

Ion Ratio Lower Upper

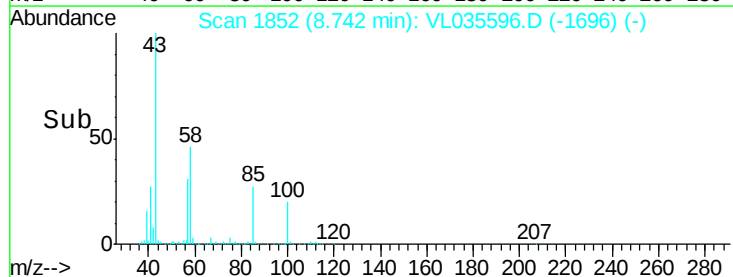
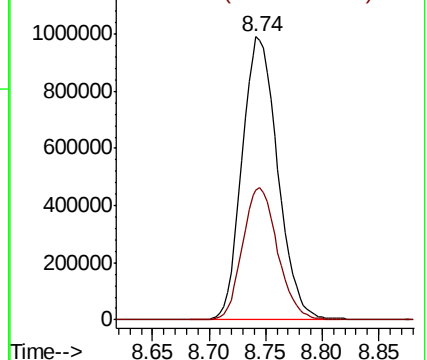
43 100

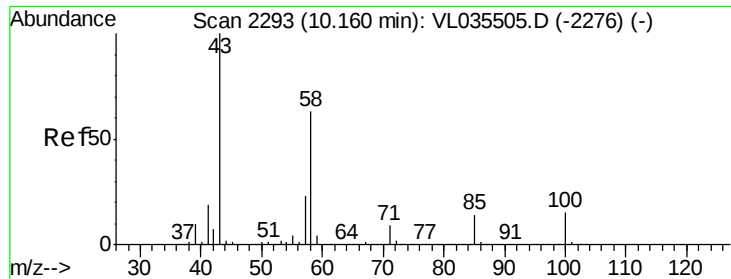
58 46.2 37.4 56.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

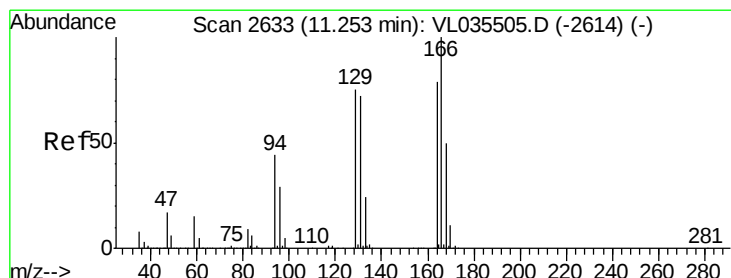
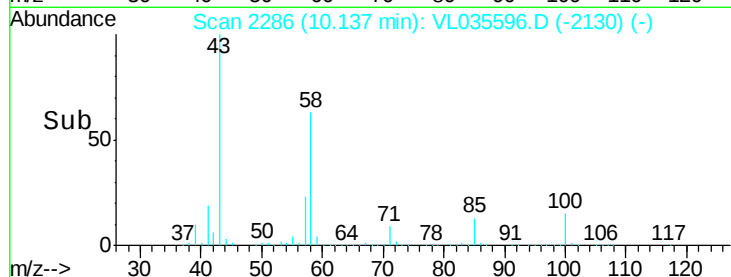
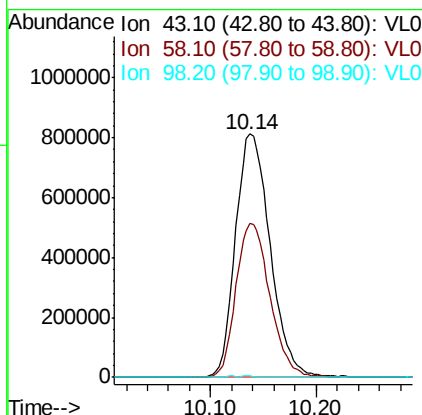
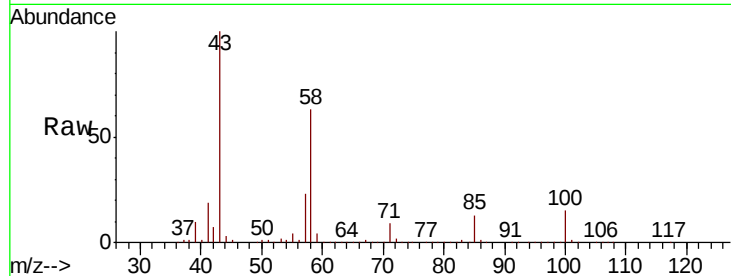




#51
2-Hexanone
Concen: 11.681 ppbv
RT: 10.14 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VL035596.D
Acq: 14 Sep 2020 10:11

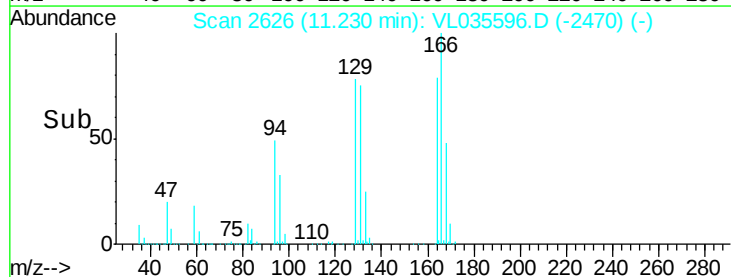
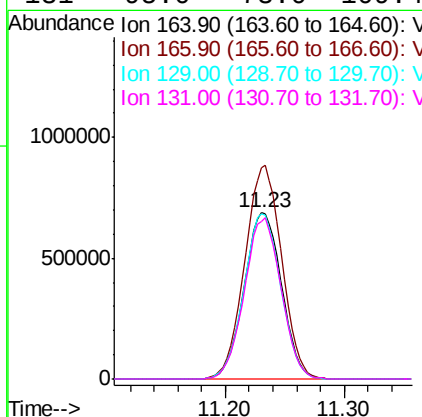
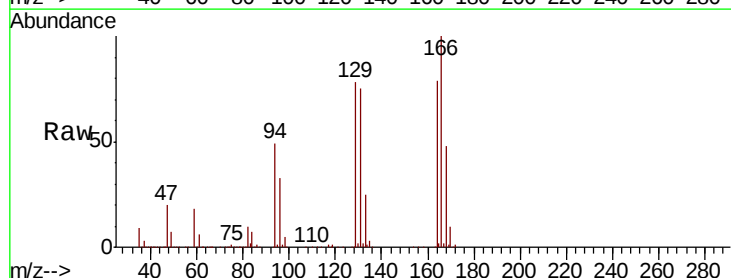
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

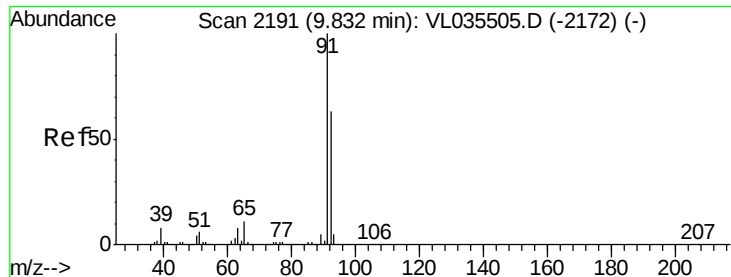
Tot Ion: 43 Resp: 1856827
Ion Ratio Lower Upper
43 100
58 61.9 50.2 75.4
98 0.7 0.4 0.6#



#52
Tetrachloroethene
Concen: 8.762 ppbv
RT: 11.23 min Scan# 2626
Delta R.T. 0.00 min
Lab File: VL035596.D
Acq: 14 Sep 2020 10:11

Tgt Ion: 164 Resp: 1494098
Ion Ratio Lower Upper
164 100
166 127.3 100.9 151.3
129 99.0 75.3 112.9
131 95.0 73.0 109.4





#53

Toluene

Concen: 10.475 ppbv

RT: 9.81 min Scan# 2185

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

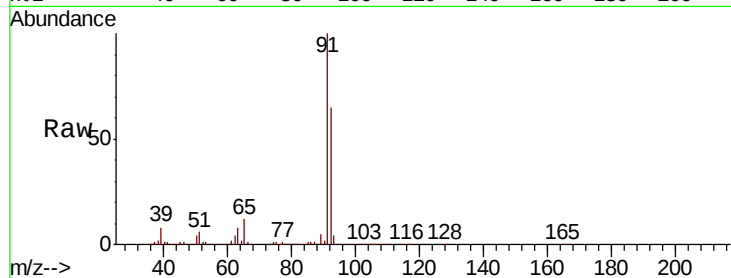
VSTDCCC010

Tot Ion: 91 Resp: 3844989

Ion Ratio Lower Upper

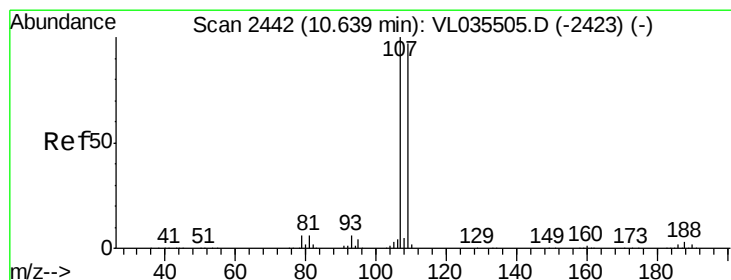
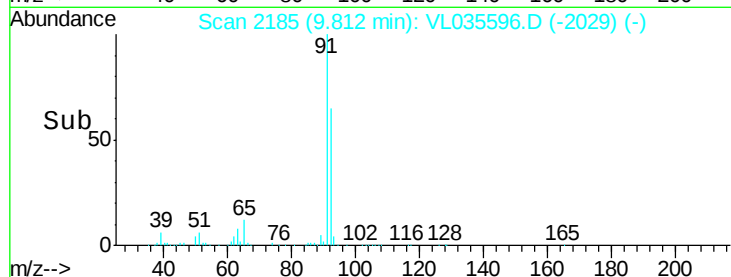
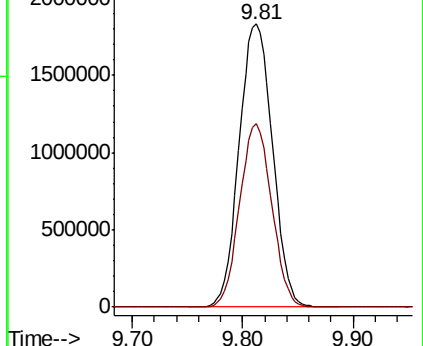
91 100

92 62.5 49.8 74.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 10.314 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VL035596.D

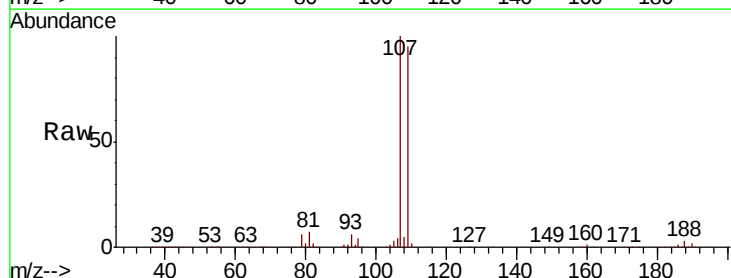
Acq: 14 Sep 2020 10:11

Tgt Ion:107 Resp: 2371222

Ion Ratio Lower Upper

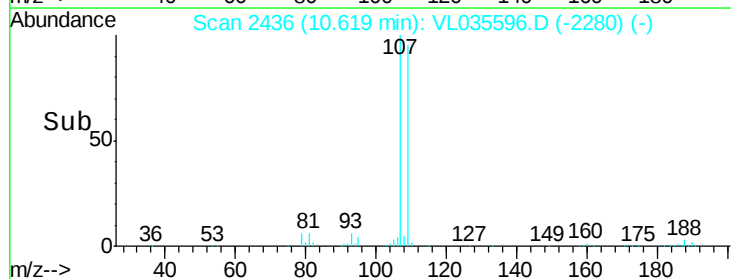
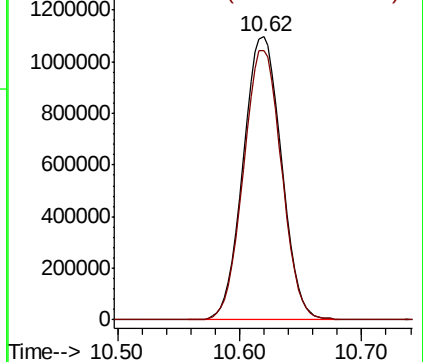
107 100

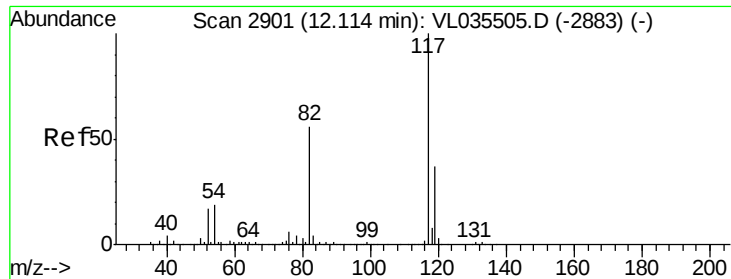
109 95.1 77.8 116.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

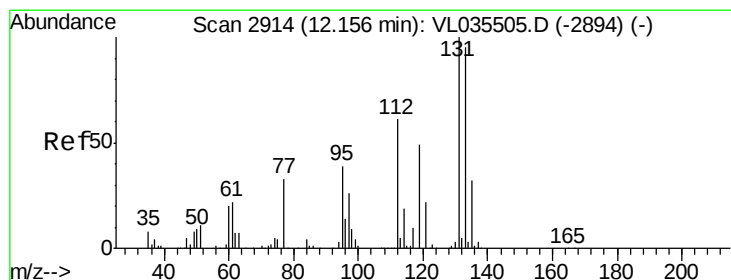
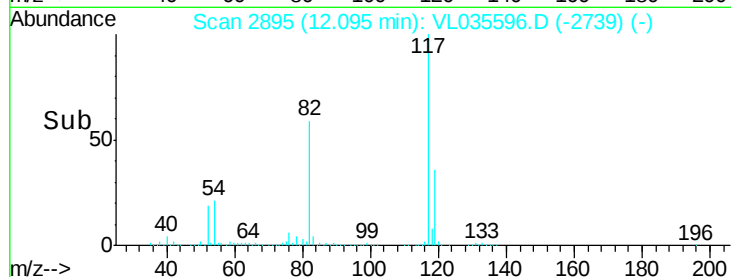
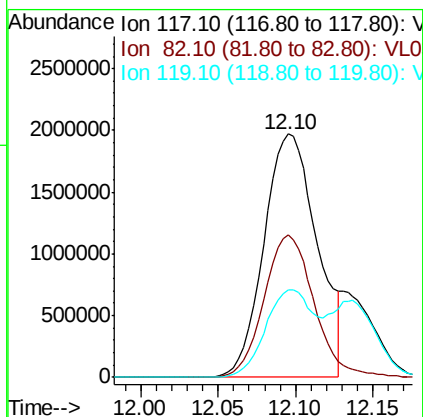
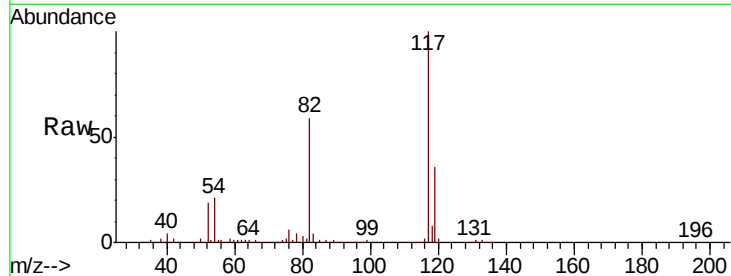




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VL035596.D
Acq: 14 Sep 2020 10:11

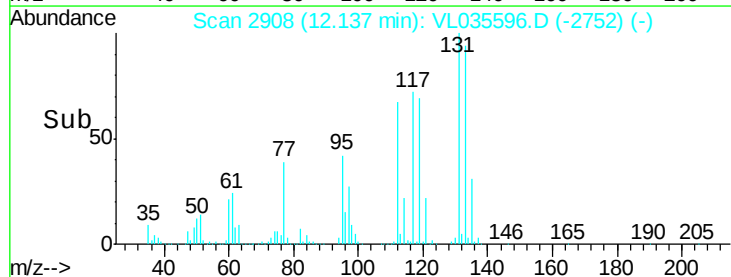
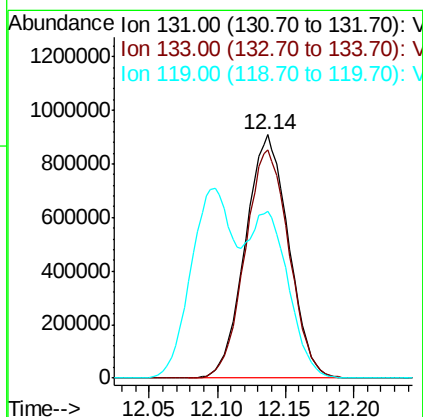
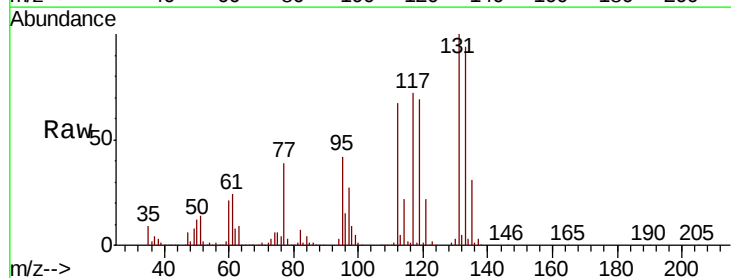
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

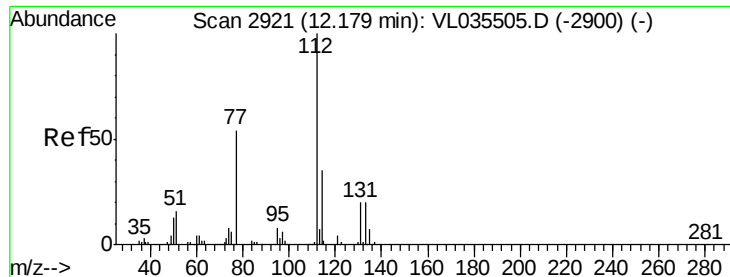
Tot Ion:117 Resp: 4720631
Ion Ratio Lower Upper
117 100
82 55.2 41.6 62.4
119 31.6 29.3 43.9



#56
1,1,1,2-Tetrachloroethane
Concen: 10.418 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. 0.00 min
Lab File: VL035596.D
Acq: 14 Sep 2020 10:11

Tgt Ion:131 Resp: 2001105
Ion Ratio Lower Upper
131 100
133 95.5 76.6 115.0
119 63.6 51.6 77.4

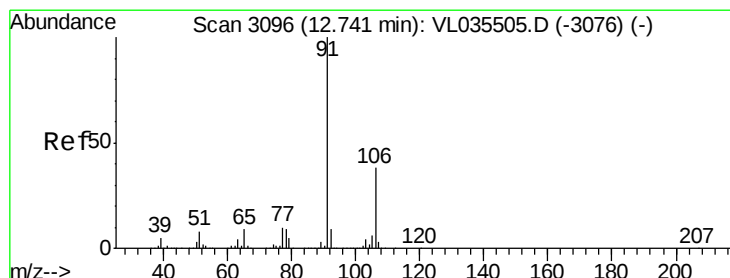
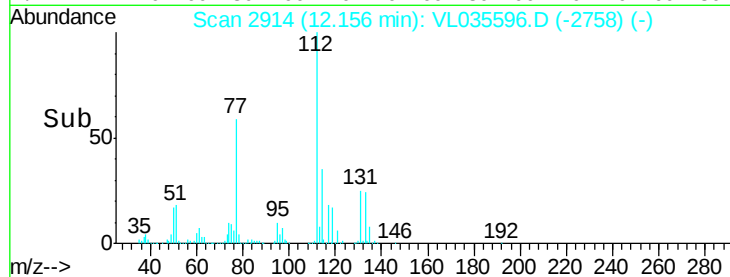
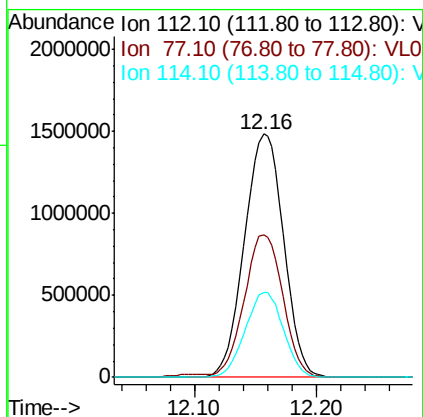
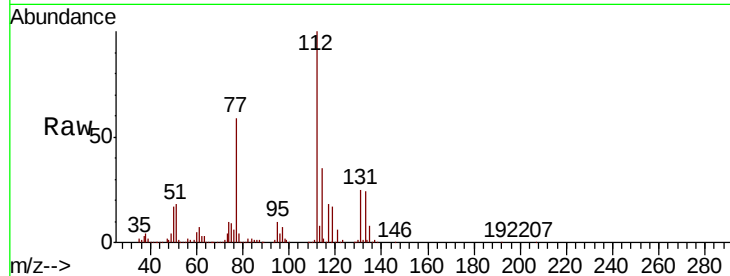




#57
Chlorobenzene
Concen: 9.497 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VL035596.D
Acq: 14 Sep 2020 10:11

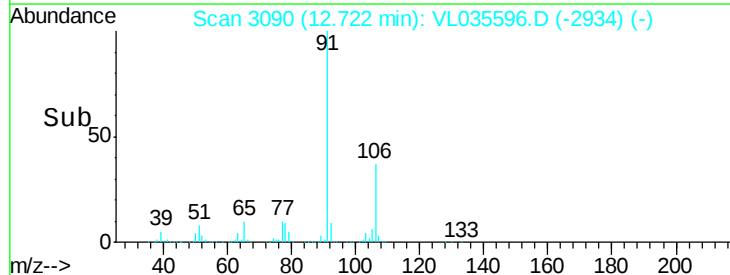
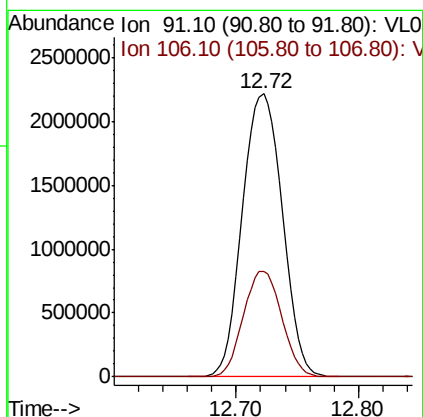
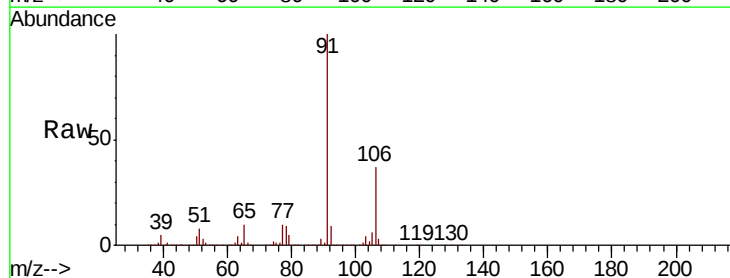
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

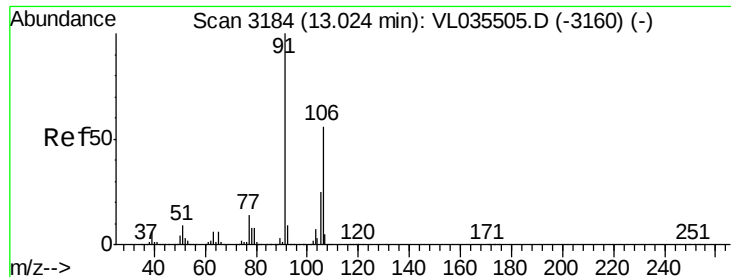
Tot Ion:112 Resp: 3299489
Ion Ratio Lower Upper
112 100
77 58.6 44.2 66.4
114 35.0 31.6 38.6



#58
Ethyl Benzene
Concen: 10.331 ppbv
RT: 12.72 min Scan# 3090
Delta R.T. 0.00 min
Lab File: VL035596.D
Acq: 14 Sep 2020 10:11

Tgt Ion: 91 Resp: 5028872
Ion Ratio Lower Upper
91 100
106 37.3 30.3 45.5





#59

m/p-Xylene

Concen: 11.522 ppbv

RT: 13.01 min Scan# 3179

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

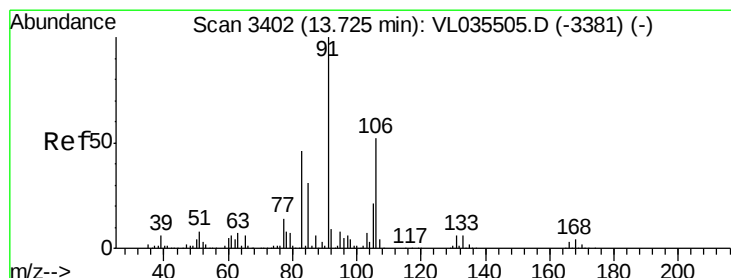
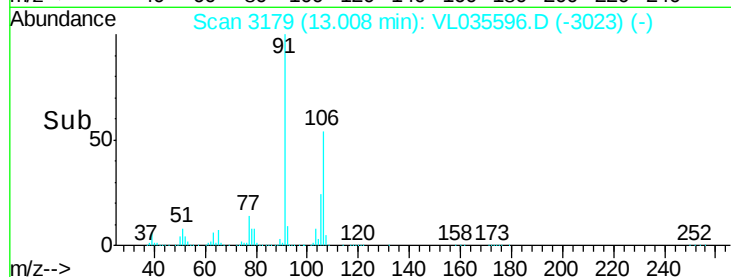
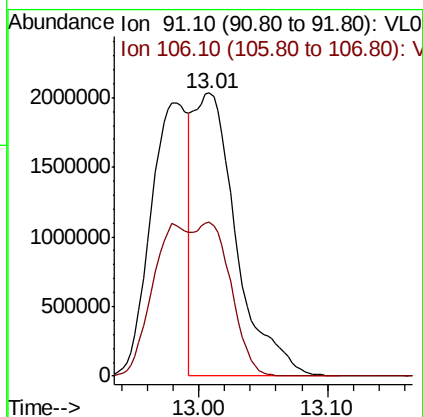
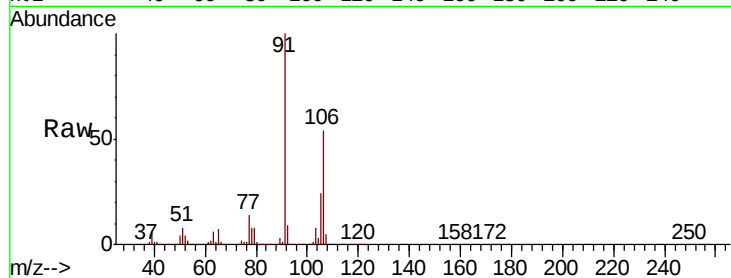
VSTDCCC010

Tot Ion: 91 Resp: 4686683

Ion Ratio Lower Upper

91 100

106 93.0 43.4 65.2#



#60

o-Xylene

Concen: 10.333 ppbv

RT: 13.71 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VL035596.D

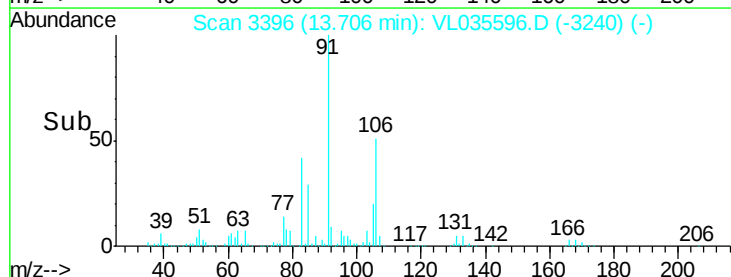
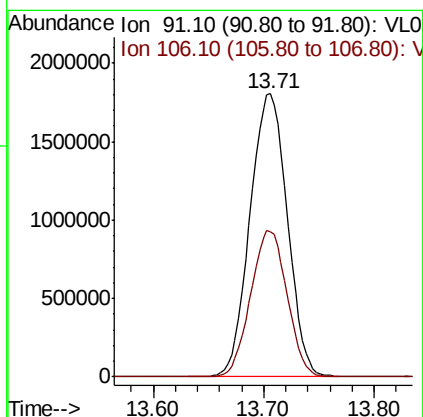
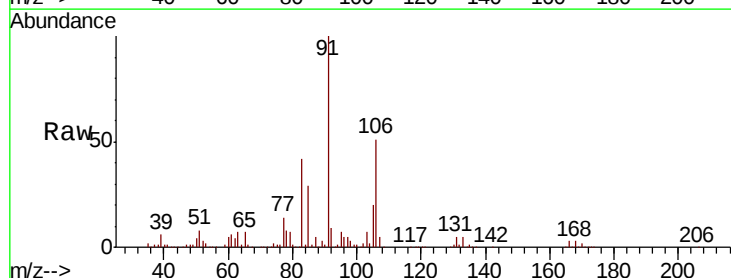
Acq: 14 Sep 2020 10:11

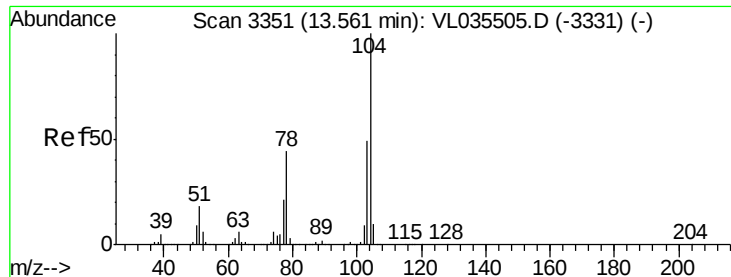
Tgt Ion: 91 Resp: 4233135

Ion Ratio Lower Upper

91 100

106 50.5 25.8 77.4

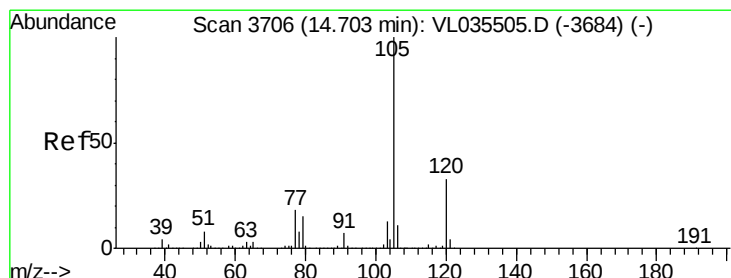
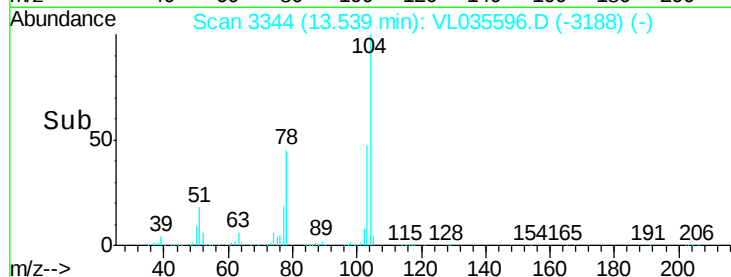
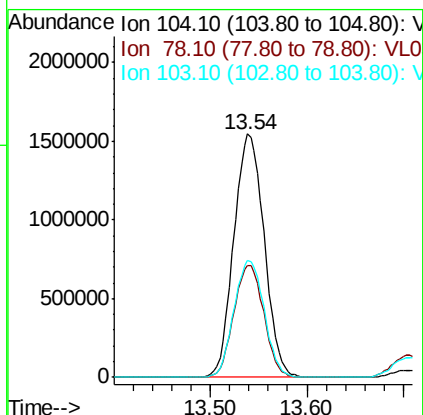
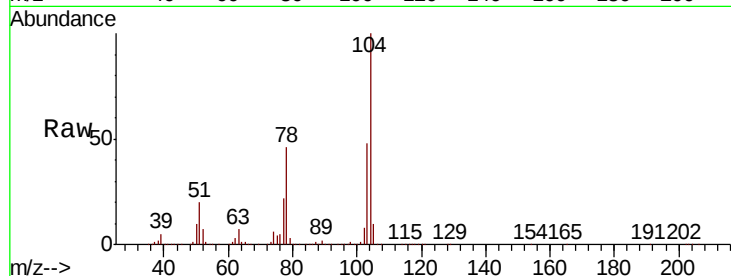




#61
Stvrene
Concen: 10.770 ppbv
RT: 13.54 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VL035596.D
Acq: 14 Sep 2020 10:11

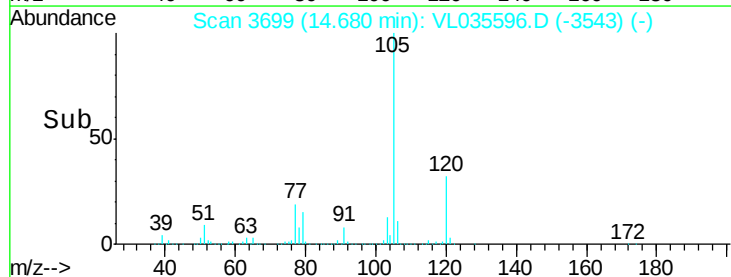
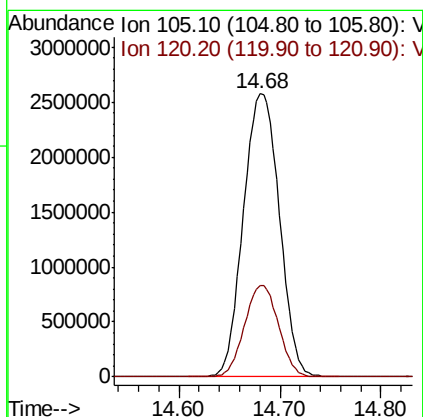
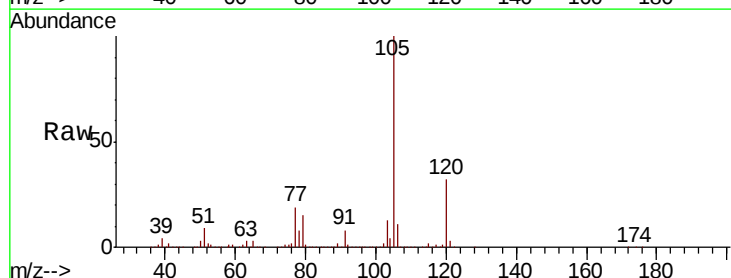
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

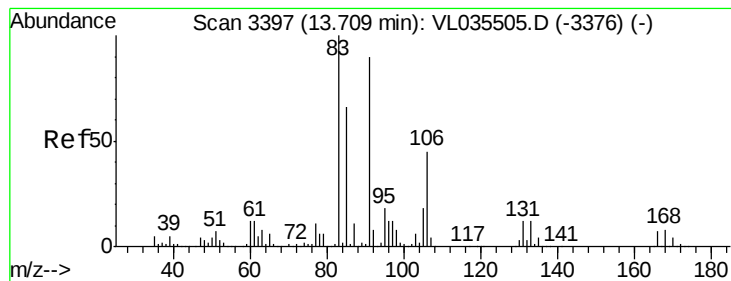
Tot Ion:104 Resp: 3374572
Ion Ratio Lower Upper
104 100
78 45.5 34.8 52.2
103 47.9 38.2 57.4



#62
Isopropylbenzene
Concen: 9.705 ppbv
RT: 14.68 min Scan# 3699
Delta R.T. 0.00 min
Lab File: VL035596.D
Acq: 14 Sep 2020 10:11

Tgt Ion:105 Resp: 6386604
Ion Ratio Lower Upper
105 100
120 30.5 25.0 37.4





#63

1,1,2,2-Tetrachloroethane

Concen: 9.751 ppbv

RT: 13.69 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

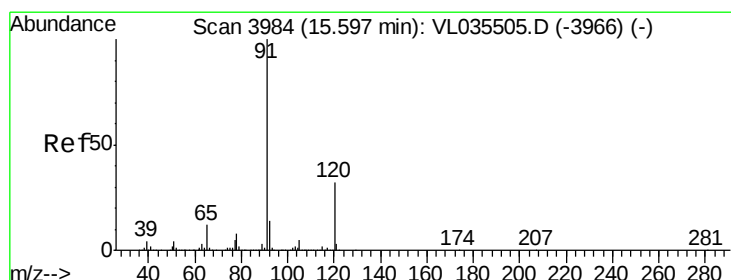
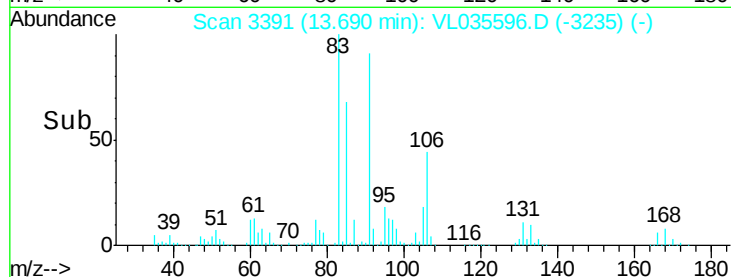
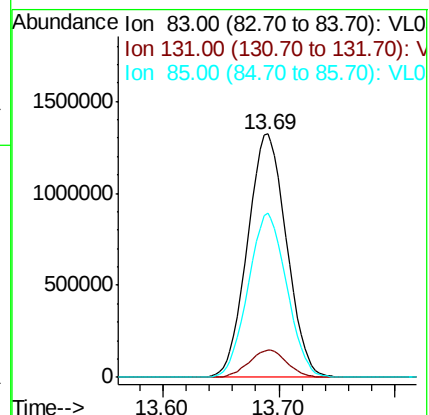
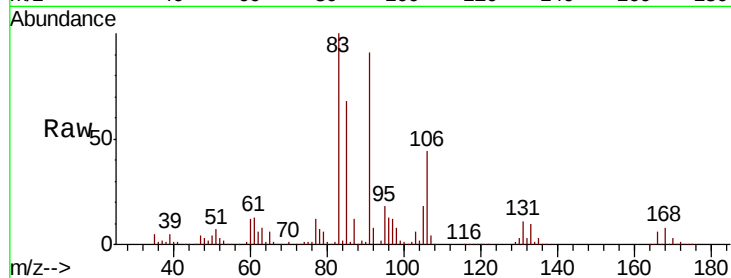
Tot Ion: 83 Resp: 3097268

Ion Ratio Lower Upper

83 100

131 11.1 6.0 18.0

85 66.9 33.4 100.2



#64

n-propylbenzene

Concen: 10.049 ppbv

RT: 15.58 min Scan# 3978

Delta R.T. 0.00 min

Lab File: VL035596.D

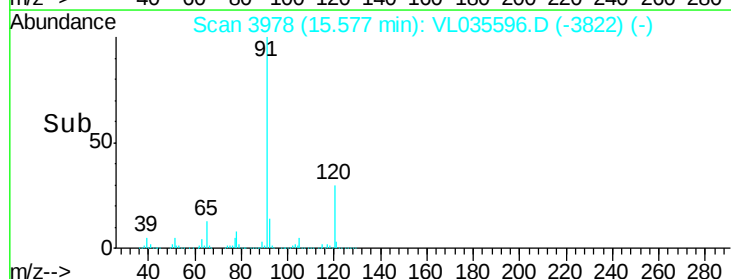
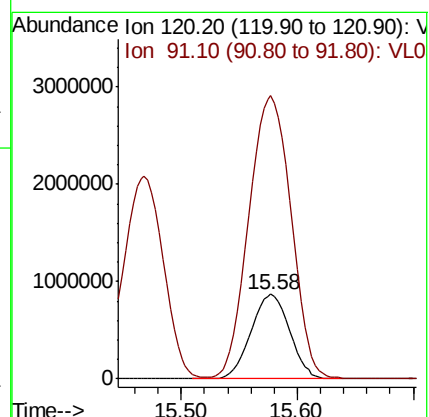
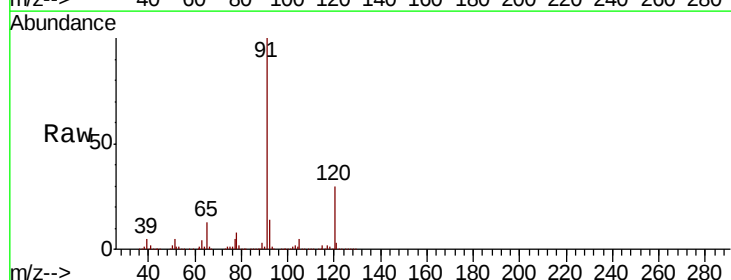
Acq: 14 Sep 2020 10:11

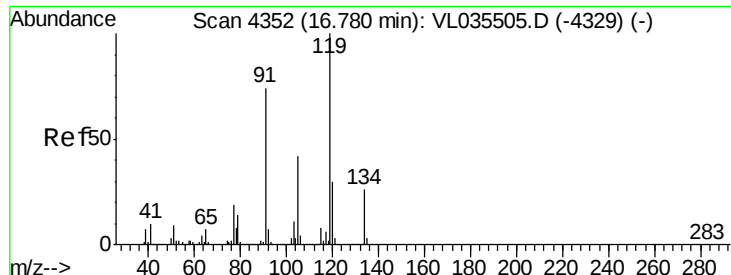
Tgt Ion: 120 Resp: 2018191

Ion Ratio Lower Upper

120 100

91 366.5 279.4 419.0





#65

tert-Butylbenzene

Concen: 9.904 ppbv

RT: 16.76 min Scan# 4346

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

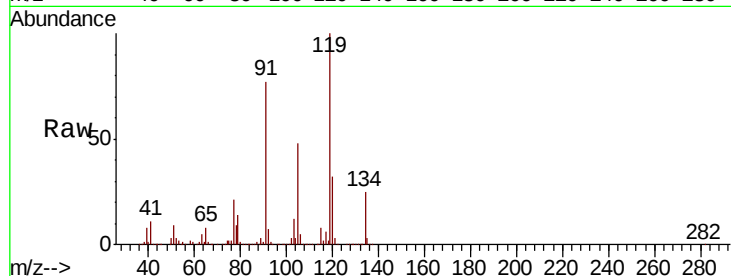
Tot Ion:119 Resp: 6059030

Ion Ratio Lower Upper

119 100

91 76.6 58.6 87.8

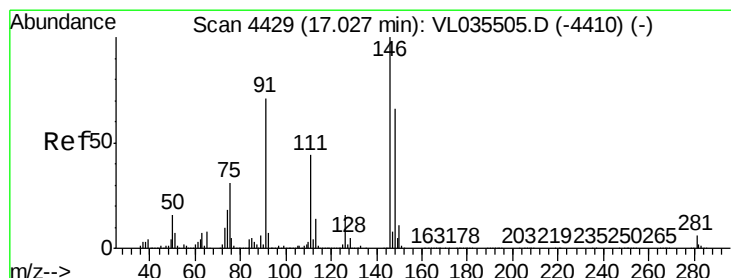
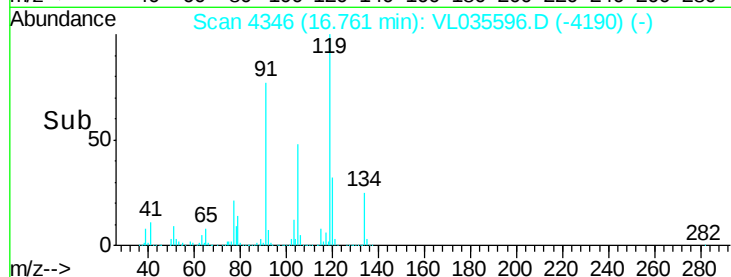
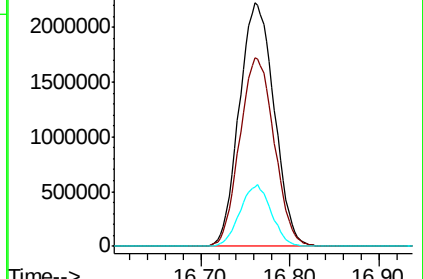
134 22.8 18.9 28.3



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 13.865 ppbv

RT: 17.00 min Scan# 4422

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

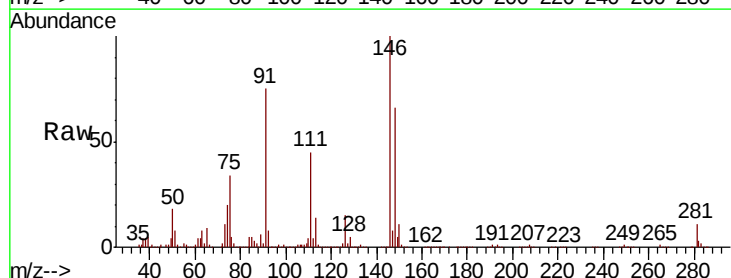
Tgt Ion: 91 Resp: 2107939

Ion Ratio Lower Upper

91 100

126 19.6 17.2 25.8

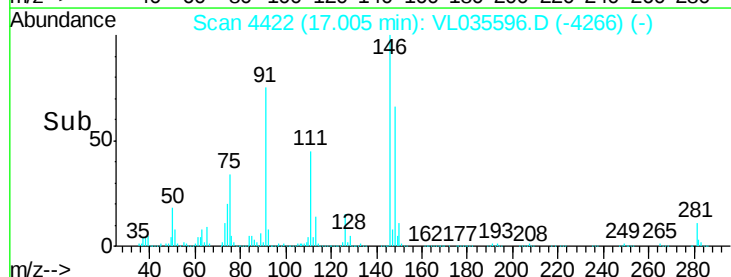
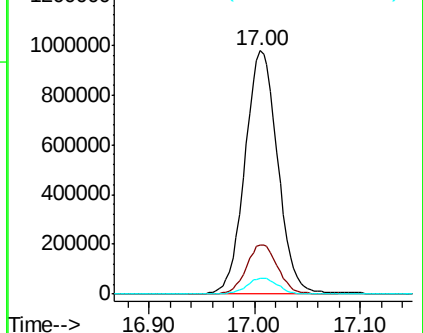
128 6.3 5.5 8.3

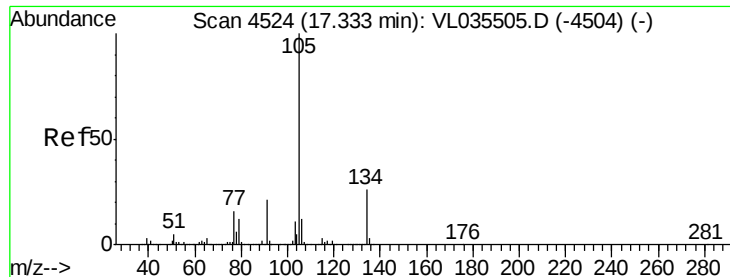


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V

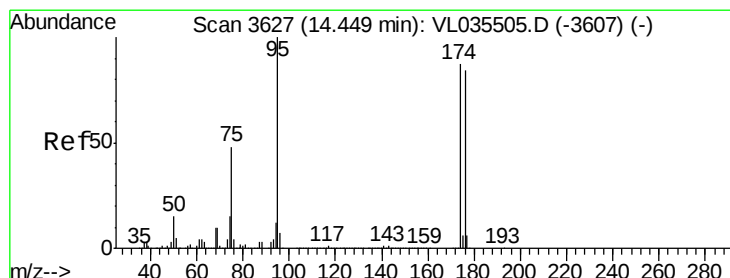
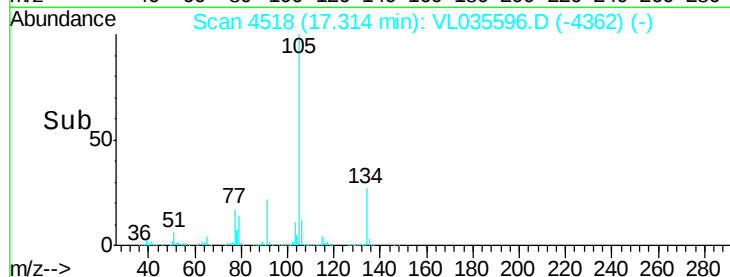
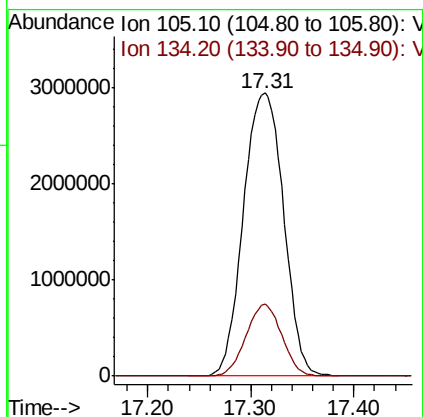
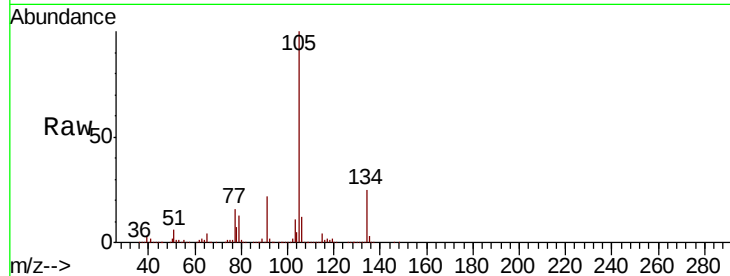




#67
 sec-Butylbenzene
 Concen: 9.768 ppbv
 RT: 17.31 min Scan# 4518
 Delta R.T. 0.00 min
 Lab File: VL035596.D
 Acq: 14 Sep 2020 10:11

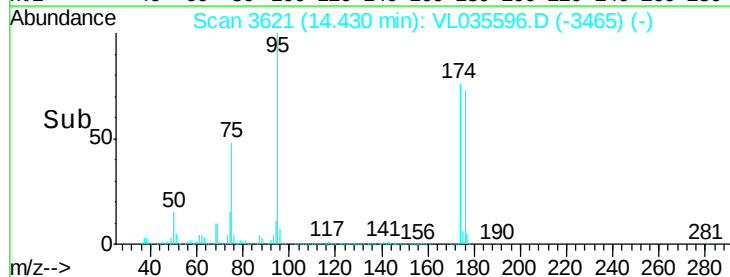
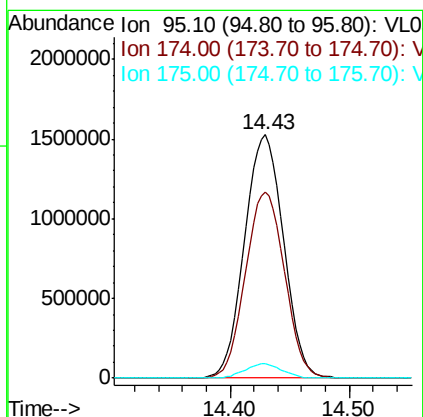
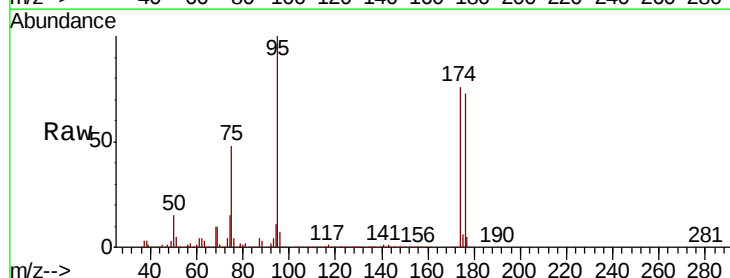
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

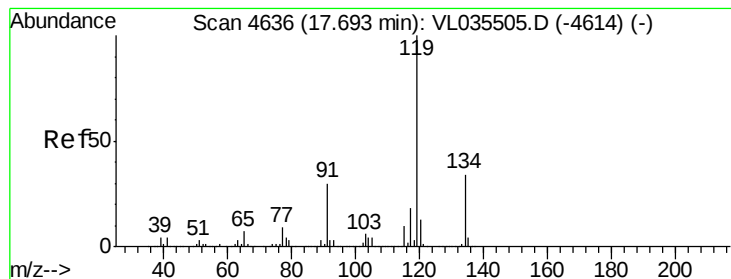
Tot Ion:105 Resp: 7961453
 Ion Ratio Lower Upper
 105 100
 134 22.6 19.1 28.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.334 ppbv
 RT: 14.43 min Scan# 3621
 Delta R.T. 0.00 min
 Lab File: VL035596.D
 Acq: 14 Sep 2020 10:11

Tgt Ion: 95 Resp: 3464441
 Ion Ratio Lower Upper
 95 100
 174 77.0 69.6 104.4
 175 5.6 5.1 7.7





#69

p-Isopropyltoluene

Concen: 9.690 ppbv

RT: 17.67 min Scan# 4629

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

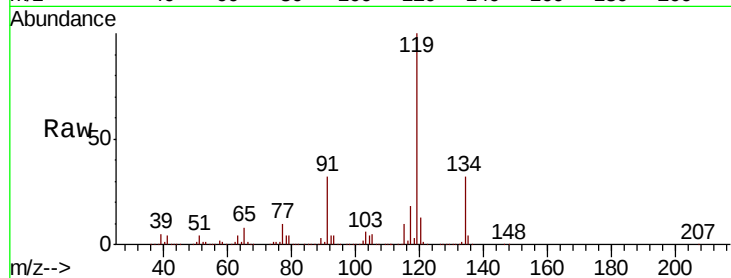
Tot Ion:119 Resp: 6927951

Ion Ratio Lower Upper

119 100

134 30.3 25.0 37.4

91 29.2 22.3 33.5

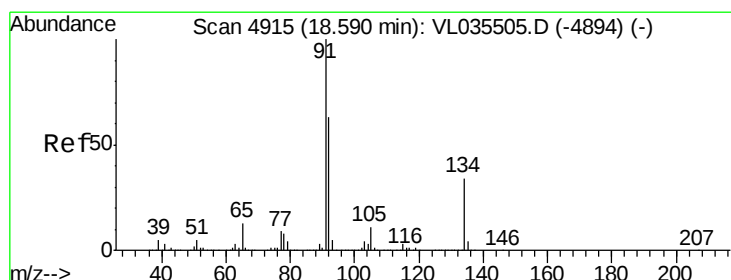
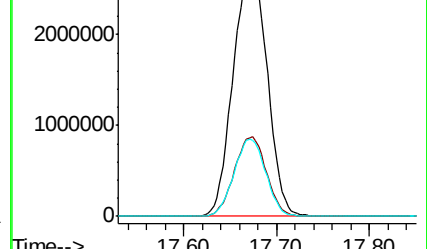
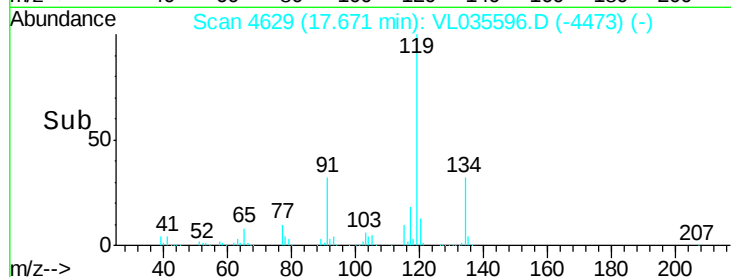


Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): V

Time-->



#70

n-Butylbenzene

Concen: 10.055 ppbv

RT: 18.57 min Scan# 4909

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

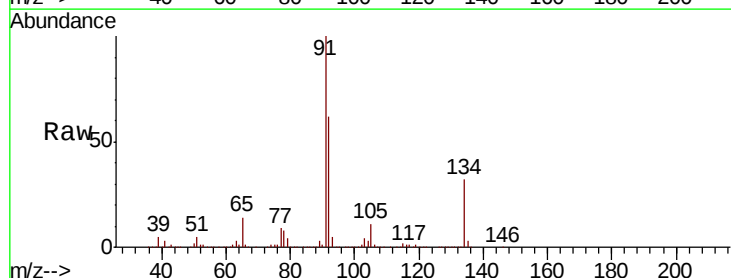
Tgt Ion: 91 Resp: 6924589

Ion Ratio Lower Upper

91 100

92 58.6 47.3 70.9

134 28.6 24.6 37.0

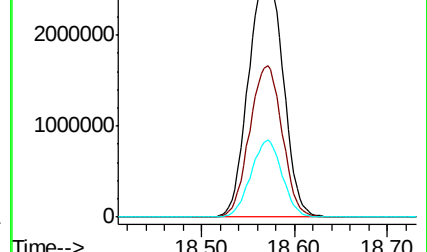
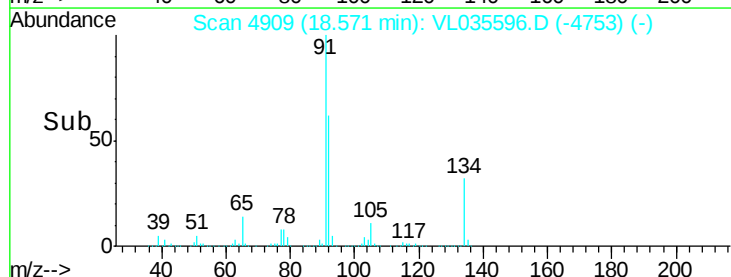


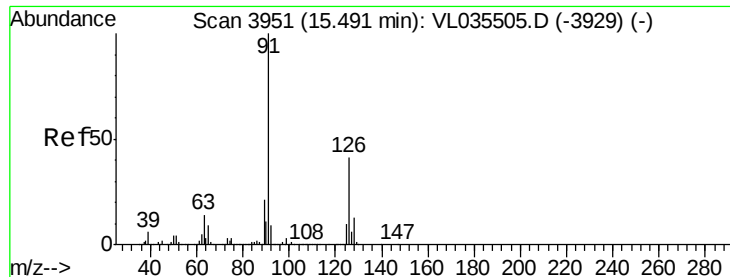
Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

Ion 134.20 (133.90 to 134.90): V

Time-->

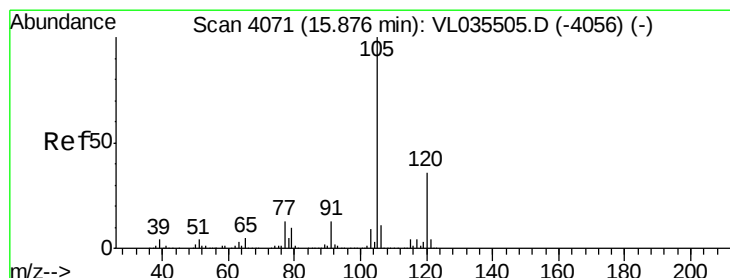
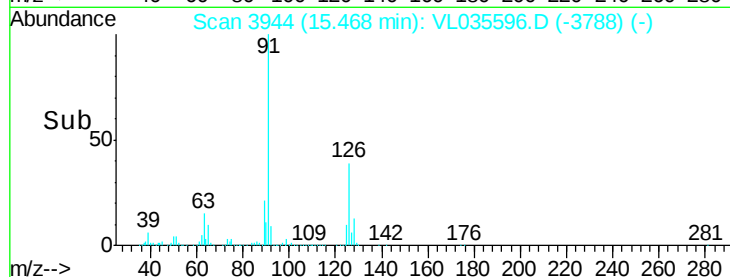
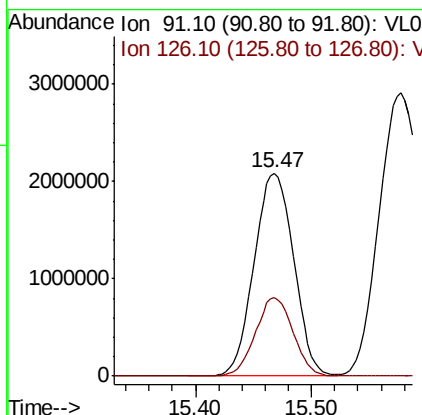
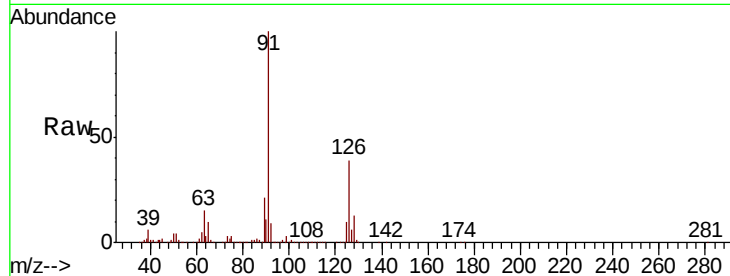




#71
 2-Chlorotoluene
 Concen: 10.349 ppbv
 RT: 15.47 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VL035596.D
 Acq: 14 Sep 2020 10:11

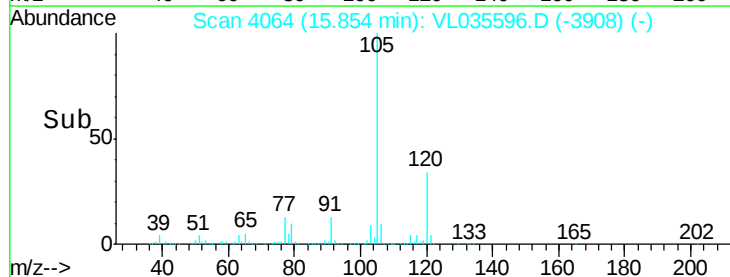
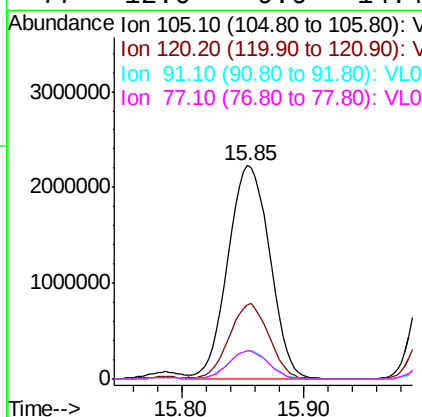
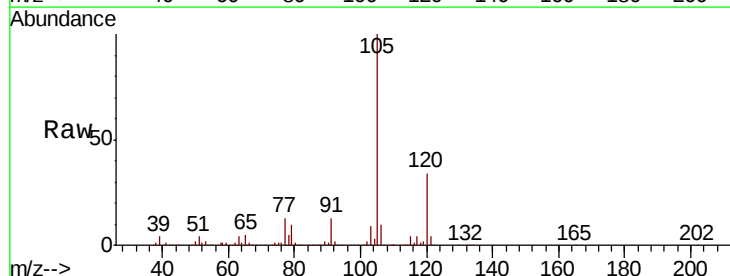
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

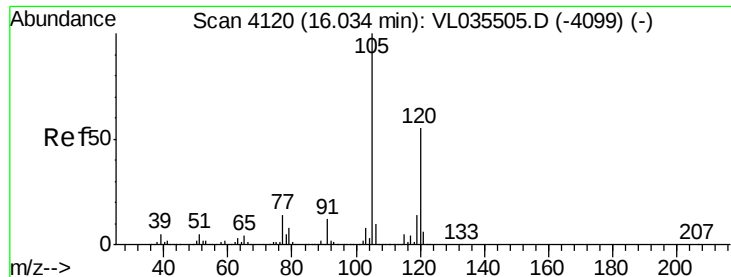
Tot Ion: 91 Resp: 4959444
 Ion Ratio Lower Upper
 91 100
 126 36.9 15.6 62.6



#72
 4-Ethyltoluene
 Concen: 10.172 ppbv
 RT: 15.85 min Scan# 4064
 Delta R.T. 0.00 min
 Lab File: VL035596.D
 Acq: 14 Sep 2020 10:11

Tgt Ion:105 Resp: 5297676
 Ion Ratio Lower Upper
 105 100
 120 33.6 27.4 41.2
 91 12.6 9.7 14.5
 77 12.6 9.6 14.4





#73

1,3,5-Trimethylbenzene

Concen: 10.318 ppbv

RT: 16.01 min Scan# 4114

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

MSVOA_L

ClientSampleId :

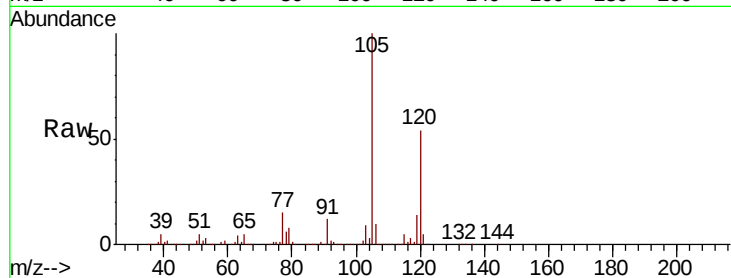
VSTDCCC010

Tot Ion:105 Resp: 4970528

Ion Ratio Lower Upper

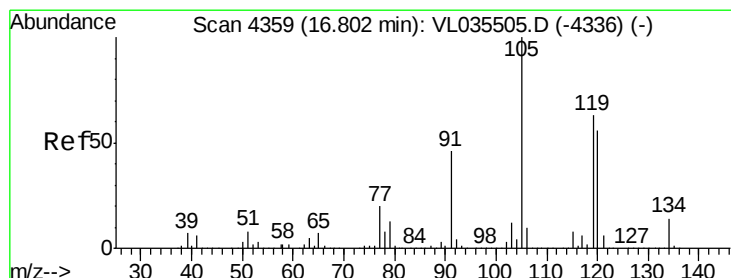
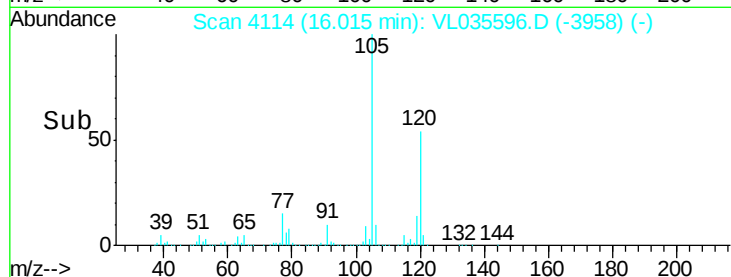
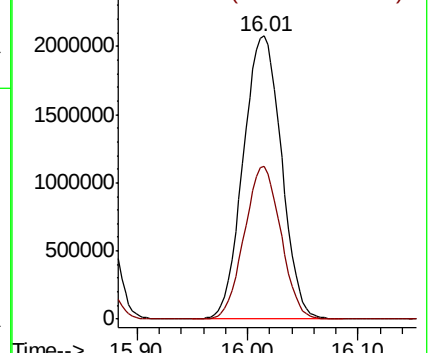
105 100

120 54.2 44.2 66.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 9.895 ppbv

RT: 16.78 min Scan# 4352

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Tgt Ion:105 Resp: 5234628

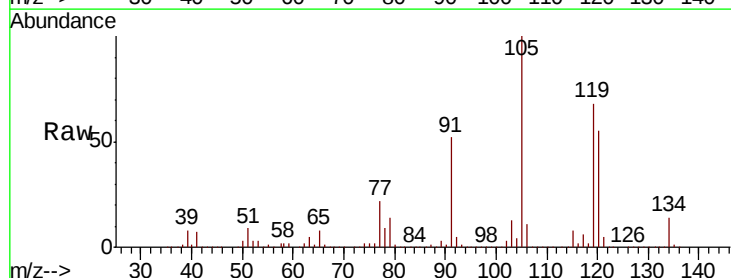
Ion Ratio Lower Upper

105 100

120 54.8 44.4 66.6

91 52.3 37.1 55.7

77 22.1 16.0 24.0

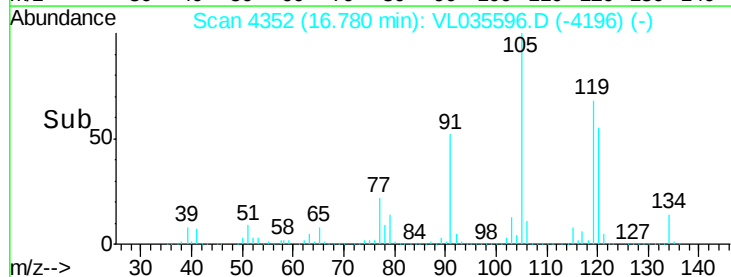
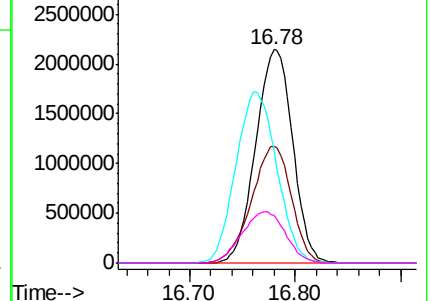


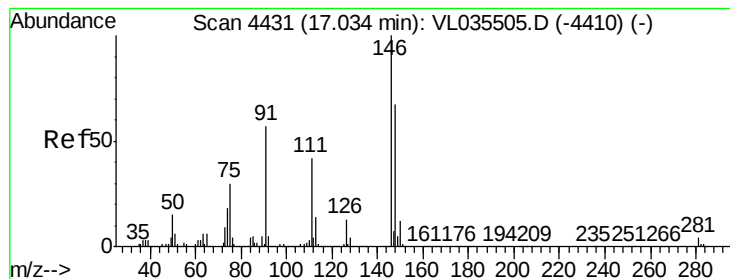
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#75

1,3-Dichlorobenzene

Concen: 9.159 ppbv

RT: 17.01 min Scan# 4424

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

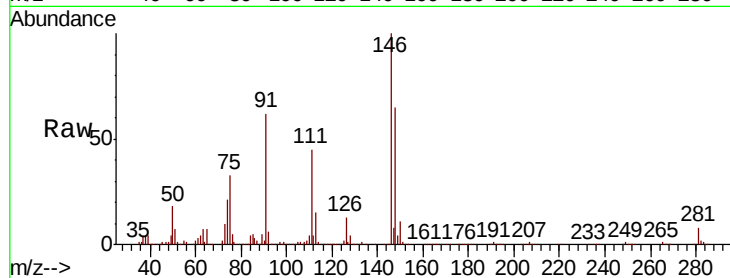
MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:146 Resp: 3588966

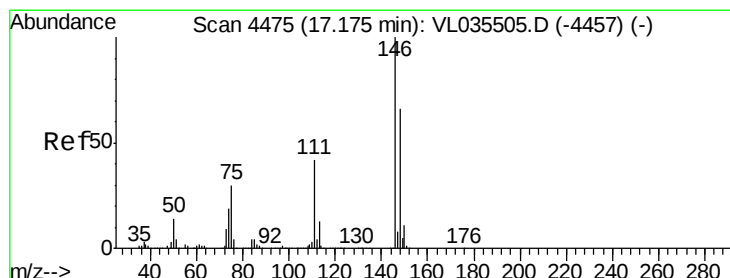
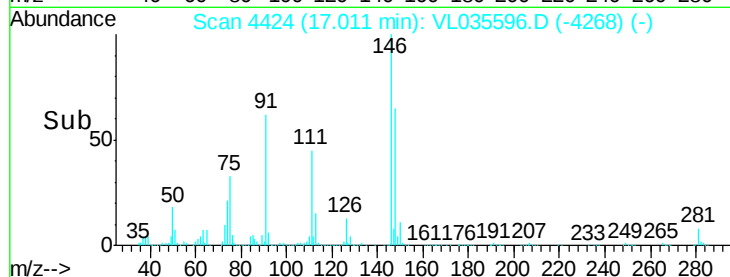
Ion	Ratio	Lower	Upper
146	100		
111	43.9	20.7	62.1
148	65.8	33.0	98.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 9.279 ppbv

RT: 17.16 min Scan# 4469

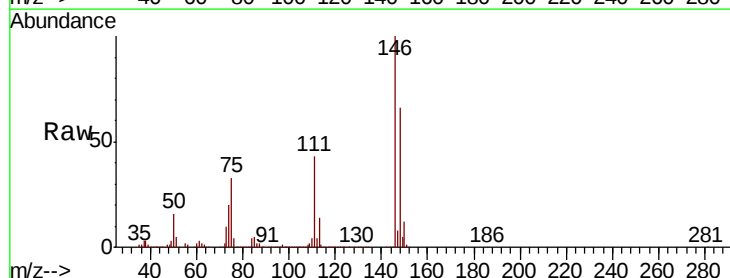
Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Tgt Ion:146 Resp: 3586036

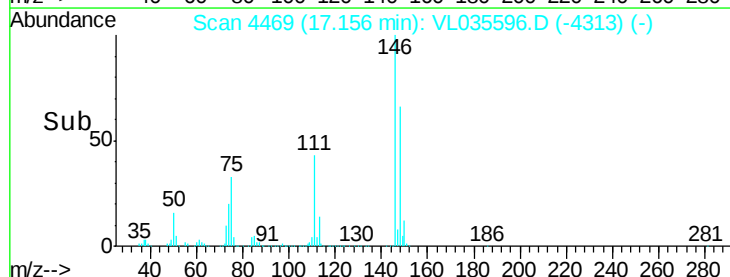
Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.0	60.0
148	66.3	33.2	99.6

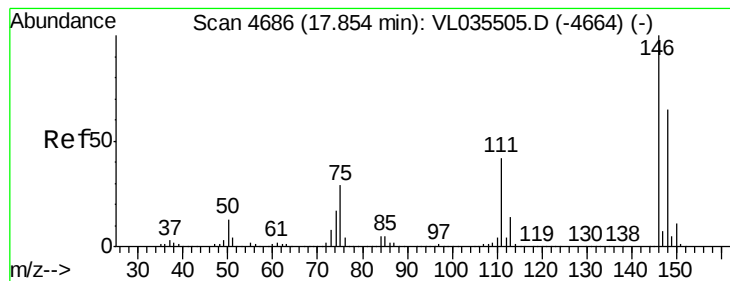


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 9.299 ppbv

RT: 17.83 min Scan# 4680

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

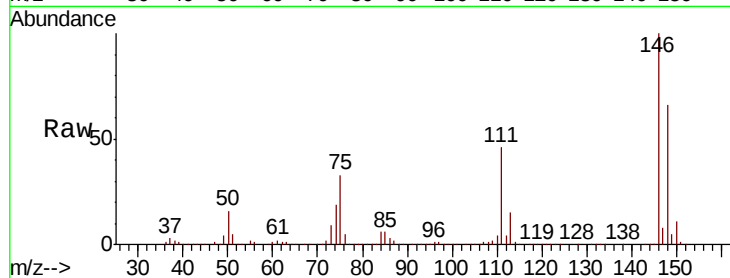
MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:146 Resp: 3530237

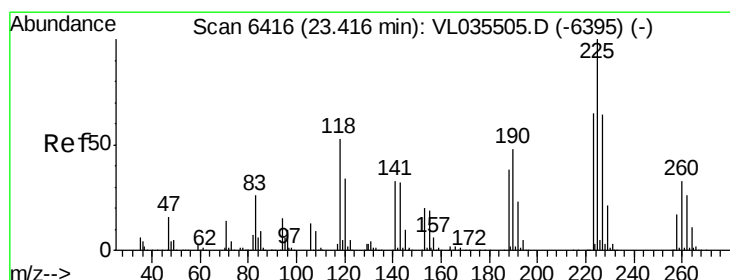
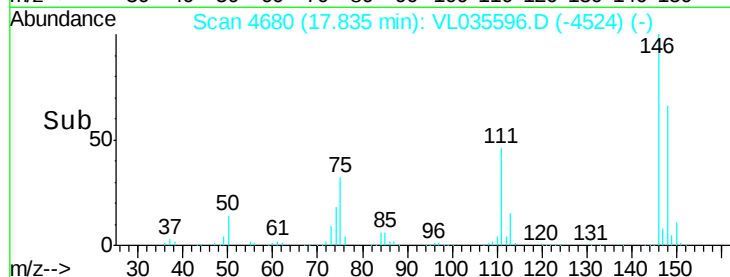
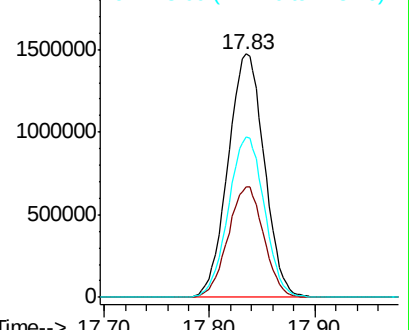
Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.1	63.3
148	65.6	32.9	98.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 9.073 ppbv

RT: 23.40 min Scan# 6410

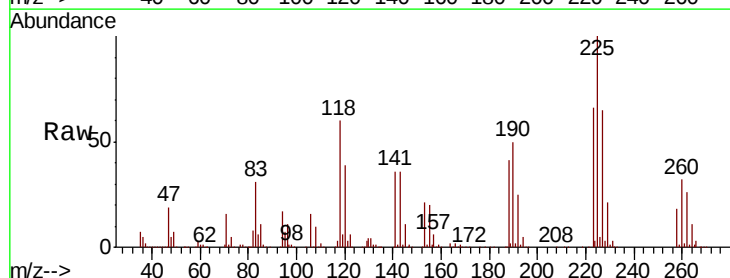
Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Tgt Ion:225 Resp: 2199012

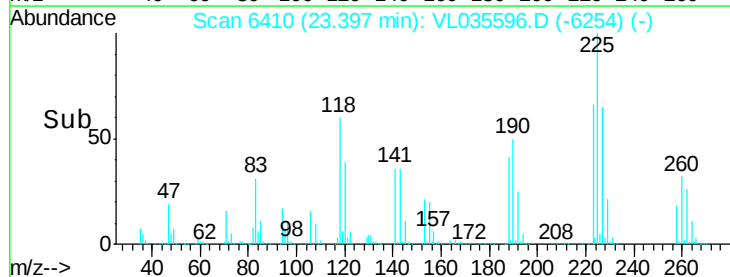
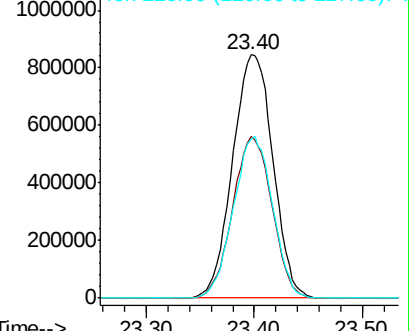
Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.7	77.5
227	64.6	51.5	77.3

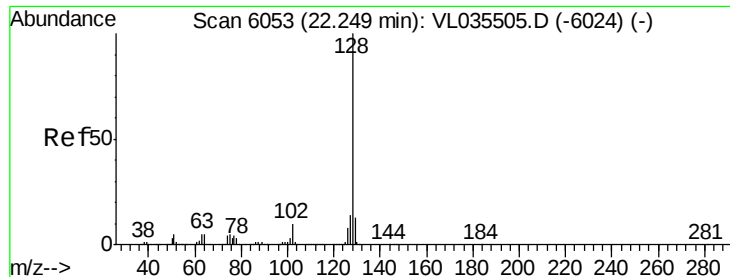


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 10.285 ppbv

RT: 22.22 min Scan# 6045

Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Instrument :

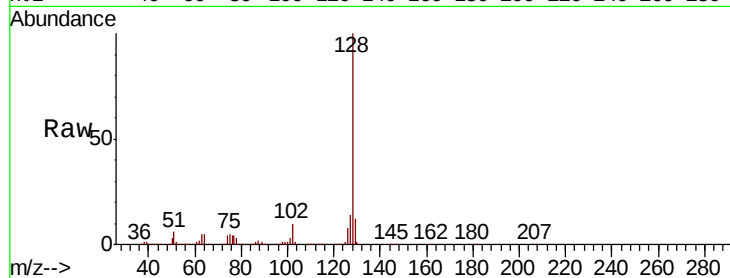
MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:128 Resp: 6037199

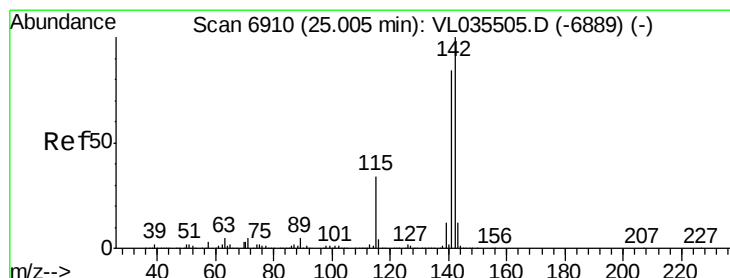
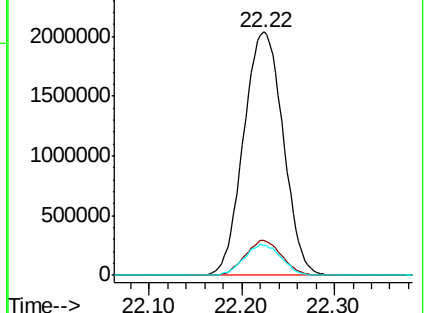
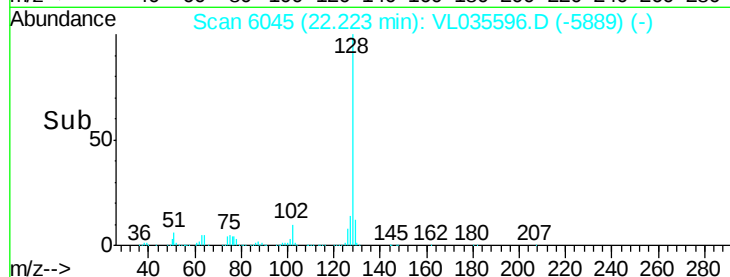
Ion	Ratio	Lower	Upper
128	100		
127	14.3	11.4	17.2
129	12.5	10.5	15.7



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 12.241 ppbv

RT: 24.99 min Scan# 6906

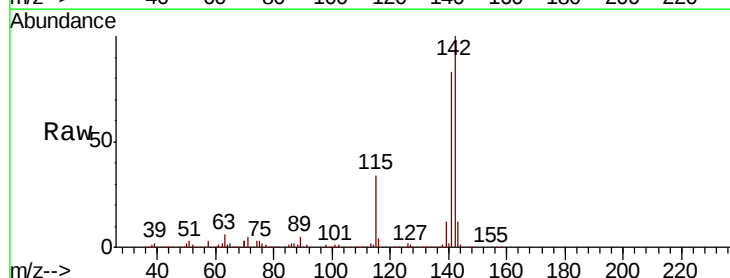
Delta R.T. 0.00 min

Lab File: VL035596.D

Acq: 14 Sep 2020 10:11

Tgt Ion:142 Resp: 2452469

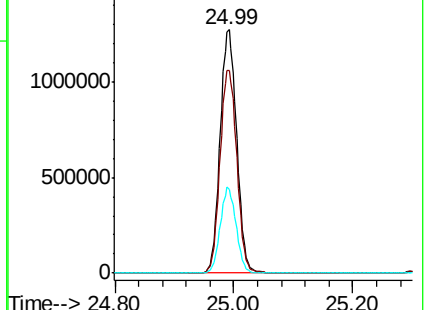
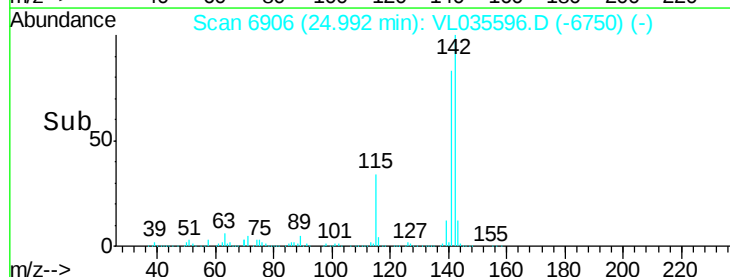
Ion	Ratio	Lower	Upper
142	100		
141	84.8	67.6	101.4
115	33.8	25.8	38.8

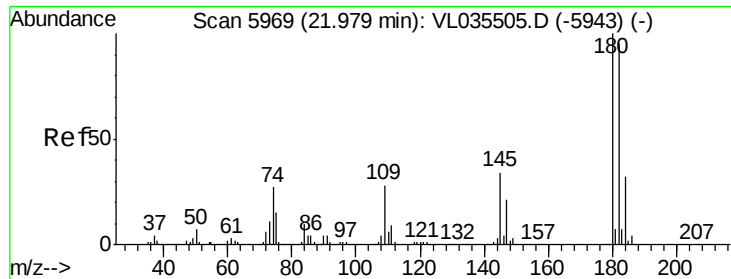


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 9.504 ppbv
 RT: 21.95 min Scan# 5961
 Delta R.T. 0.00 min
 Lab File: VL035596.D
 Acq: 14 Sep 2020 10:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:180 Resp: 3340916
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.3 114.5
 184 31.2 25.3 37.9

