

Data File : VL035655.D
Acq On : 17 Sep 2020 12:16
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Sep 18 02:28:59 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	5.67	49	1131388	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4651597	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	5831661	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3376664	8.15	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.50%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.04	85	1771186	9.034	ppbv	99
3) Chlorodifluoromethane	2.98	51	1186900	9.485	ppbv	99
4) Chloromethane	3.13	50	632786	9.439	ppbv	99
5) Vinyl Chloride	3.25	62	766935	9.279	ppbv	99
6) Bromomethane	3.47	94	666955	9.607	ppbv	99
7) Chloroethane	3.55	64	288736	9.881	ppbv	99
8) Dichlorotetrafluoroethane	3.18	85	2218294	9.342	ppbv	94
9) Propene	3.00	41	454502	9.422	ppbv	100
10) Heptane	8.13	43	1298516	10.022	ppbv	100
11) Trichlorofluoromethane	3.95	101	2605091	9.111	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1983429	9.191	ppbv	94
13) Ethanol	3.60	45	106264	8.885	ppbv	98
14) Bromoethene	3.74	108	894770	9.632	ppbv	100
15) Acetone	3.85	43	1018400	8.161	ppbv	99
16) 1,3-Butadiene	3.32	39	472494	10.172	ppbv	99
17) tert-Butyl alcohol	4.29	59	1489773	9.808	ppbv	100
18) 1,1-Dichloroethene	4.28	96	930787	9.794	ppbv	97
19) Isopropyl Alcohol	3.97	45	732247	9.837	ppbv	99
20) Methylene Chloride	4.34	84	758207	8.158	ppbv	97
21) Allyl Chloride	4.41	41	638069	10.915	ppbv	99
22) trans-1,2-Dichloroethene	4.88	96	974161	9.629	ppbv	96
23) Vinyl Acetate	5.08	43	1592339	9.942	ppbv	100
24) 1,1-Dichloroethane	5.01	63	1608456	9.759	ppbv	100
25) Ethyl Acetate	5.68	43	2122408	9.628	ppbv	100
26) Hexane	5.69	57	1209939	9.687	ppbv	99
27) Carbon Disulfide	4.55	76	2005785	11.191	ppbv	100
28) Methyl tert-Butyl Ether	5.03	73	2173357	9.984	ppbv	99
29) Chloroform	5.76	83	2453161	9.640	ppbv	100
30) Cyclohexane	7.13	84	1364269	10.196	ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1304578	10.180	ppbv	99
32) 1,1,1-Trichloroethane	6.52	97	2403648	9.736	ppbv	98
34) 2-Butanone	5.25	43	1462644	10.595	ppbv	99
35) Carbon Tetrachloride	7.02	117	2475306	10.588	ppbv	99
36) Benzene	6.90	78	3126607	10.384	ppbv	99
37) 1,2-Dichloroethane	6.31	62	1513084	10.540	ppbv	99
38) Trichloroethene	7.84	130	1588383	9.081	ppbv	96
39) 1,2-Dichloropropane	7.62	63	1053152	10.354	ppbv	99
40) 1,4-Dioxane	7.84	88	564259	11.105	ppbv	94
41) Tetrahydrofuran	6.05	42	831777	11.363	ppbv	100
42) Bromodichloromethane	7.80	83	2560568	11.030	ppbv	99
43) Methyl Methacrylate	8.02	69	1301310	11.177	ppbv	98

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Quant Time: Sep 18 02:28:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 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)
44) 2,2,4-Trimethylpentane	7.88	57	4094513	10.335	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	1464101	12.413	ppbv	100
46) cis-1,3-Dichloropropene	8.71	75	1750607	11.954	ppbv	98
47) 1,1,2-Trichloroethane	9.48	97	1528812	10.186	ppbv	99
48) Dibromochloromethane	10.32	129	2577338	10.911	ppbv	100
49) Bromoform	13.06	173	2330335	10.885	ppbv	100
50) 4-Methyl-2-Pentanone	8.75	43	2143021	10.721	ppbv	100
51) 2-Hexanone	10.14	43	1794464	10.944	ppbv #	99
52) Tetrachloroethene	11.24	164	1534126	8.721	ppbv	98
53) Toluene	9.82	91	3936487	10.396	ppbv	100
54) 1,2-Dibromoethane	10.63	107	2415557	10.185	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.14	131	2003466	8.443	ppbv	99
57) Chlorobenzene	12.16	112	3320179	7.736	ppbv	97
58) Ethyl Benzene	12.73	91	5098300	8.478	ppbv	98
59) m/p-Xylene	13.01	91	4167718	8.294	ppbv #	29
60) o-Xylene	13.71	91	4233354	8.365	ppbv	99
61) Styrene	13.55	104	3402178	8.790	ppbv	99
62) Isopropylbenzene	14.69	105	6455938	7.941	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.70	83	3060145	7.799	ppbv	100
64) n-propylbenzene	15.58	120	2002478	8.071	ppbv	92
65) tert-Butylbenzene	16.77	119	5987592	7.923	ppbv	97
66) Benzyl Chloride	17.01	91	2051591	10.923	ppbv	97
67) sec-Butylbenzene	17.32	105	7932462	7.879	ppbv	97
69) p-Isopropyltoluene	17.67	119	6761964	7.656	ppbv	98
70) n-Butylbenzene	18.57	91	6591527	7.748	ppbv	98
71) 2-Chlorotoluene	15.47	91	4907458	8.289	ppbv	96
72) 4-Ethyltoluene	15.86	105	5253137	8.165	ppbv	99
73) 1,3,5-Trimethylbenzene	16.02	105	4880033	8.200	ppbv	96
74) 1,2,4-Trimethylbenzene	16.79	105	5065529	7.751	ppbv	98
75) 1,3-Dichlorobenzene	17.02	146	3438010	7.102	ppbv	99
76) 1,4-Dichlorobenzene	17.16	146	3472230	7.273	ppbv	99
77) 1,2-Dichlorobenzene	17.84	146	3403161	7.256	ppbv	98
78) Hexachloro-1,3-Butadiene	23.40	225	1885526	6.297	ppbv	100
79) Naphthalene	22.23	128	5277560	7.278	ppbv	97
80) Naphthalene,2-methyl-	24.99	142	1532211	6.191	ppbv	99
81) 1,2,4-Trichlorobenzene	21.96	180	2843130	6.547	ppbv	100

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

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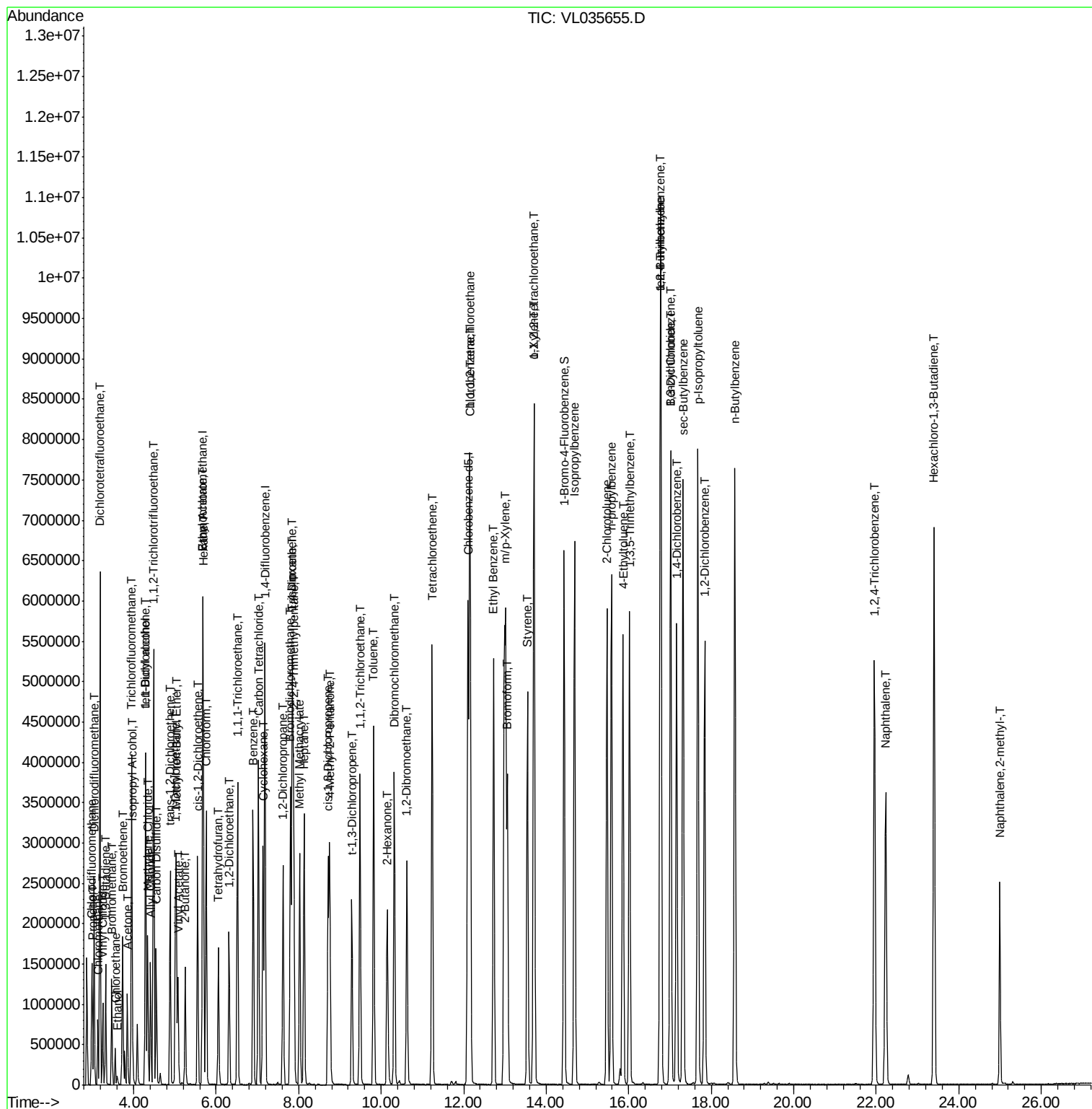
Quant Time: Sep 18 02:28:59 2020

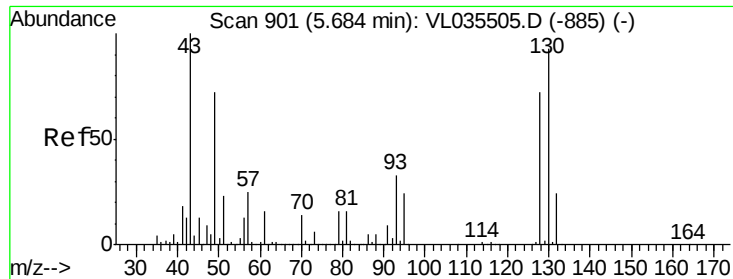
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_L\METHODS\VL082720AIR.M

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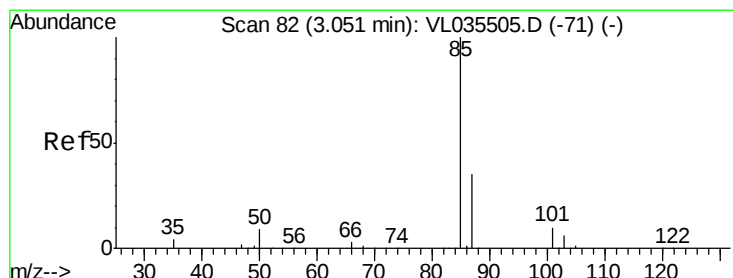
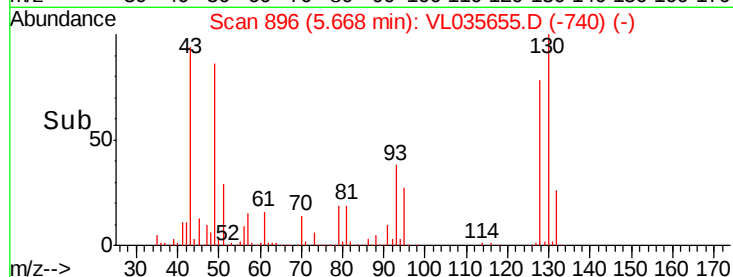
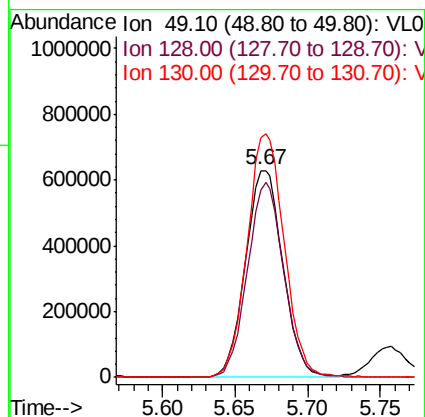
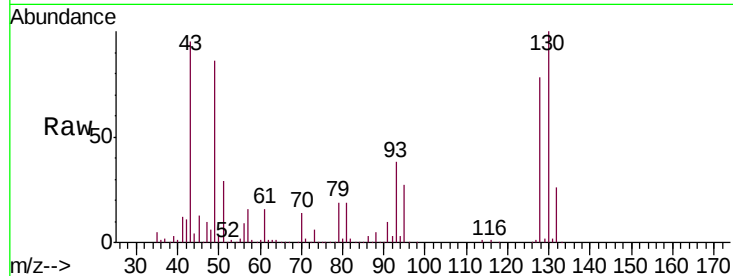




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

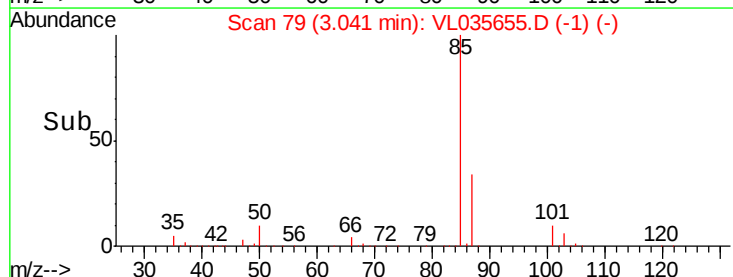
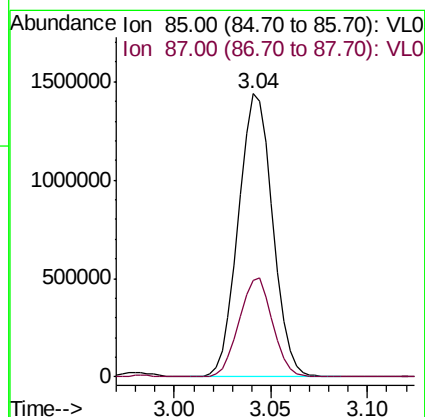
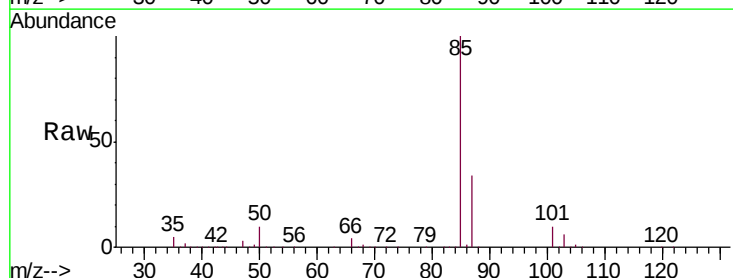
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

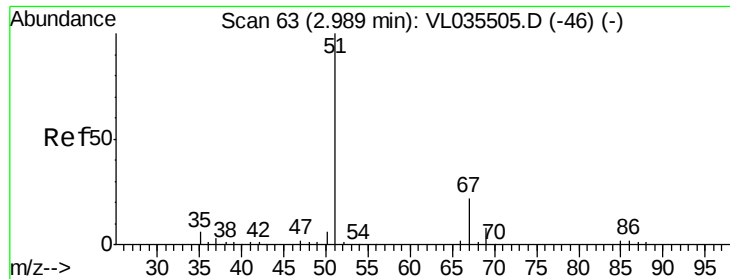
Tgt Ion: 49 Resp: 1131388
 Ion Ratio Lower Upper
 49 100
 128 91.5 50.0 150.1
 130 116.8 64.4 193.2



#2
 Dichlorodifluoromethane
 Concen: 9.034 ppbv
 RT: 3.04 min Scan# 79
 Delta R.T. 0.01 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

Tgt Ion: 85 Resp: 1771186
 Ion Ratio Lower Upper
 85 100
 87 34.2 28.0 42.0





#3

Chlorodifluoromethane

Concen: 9.485 ppbv

RT: 2.98 min Scan# 61

Delta R.T. 0.01 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

Instrument :

MSVOA_L

ClientSampleId :

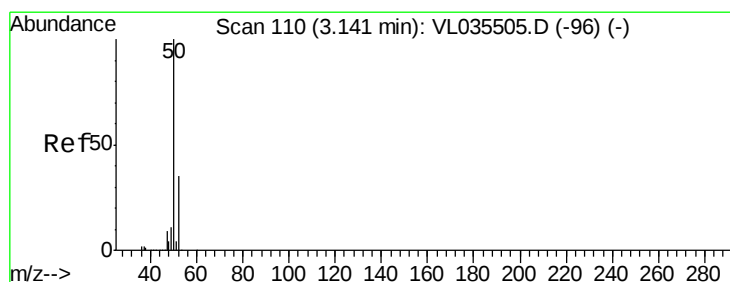
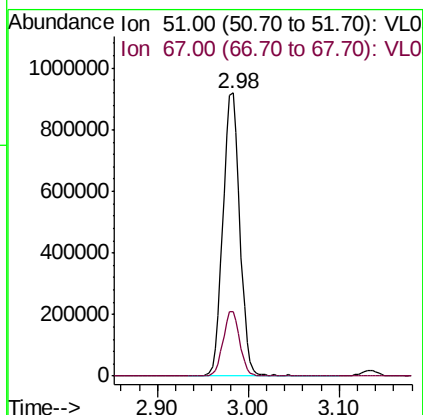
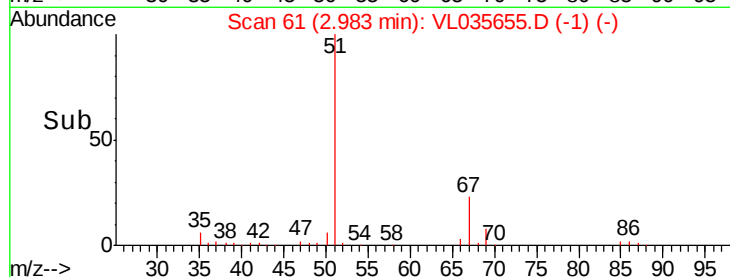
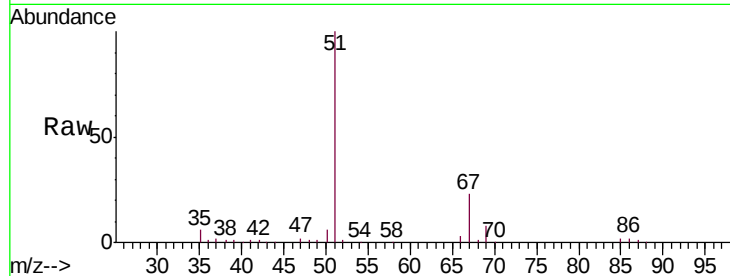
VSTDCCC010

Tgt Ion: 51 Resp: 1186900

Ion Ratio Lower Upper

51 100

67 22.7 17.8 26.8



#4

Chloromethane

Concen: 9.439 ppbv

RT: 3.13 min Scan# 108

Delta R.T. 0.01 min

Lab File: VL035655.D

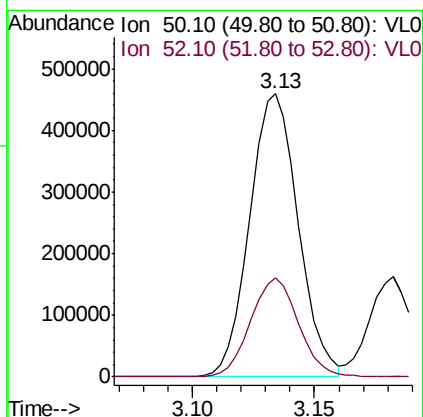
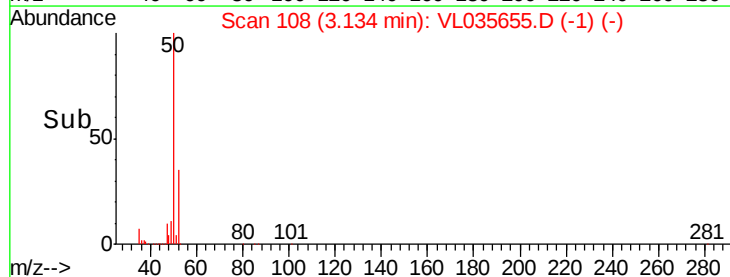
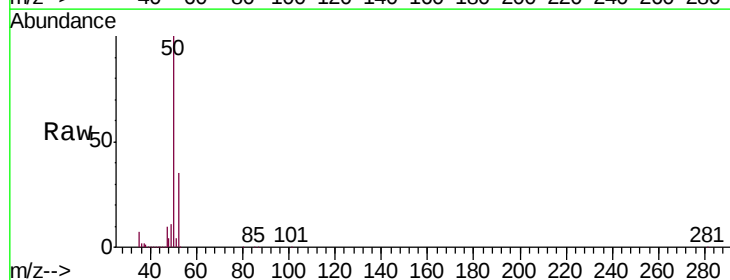
Acq: 17 Sep 2020 12:16

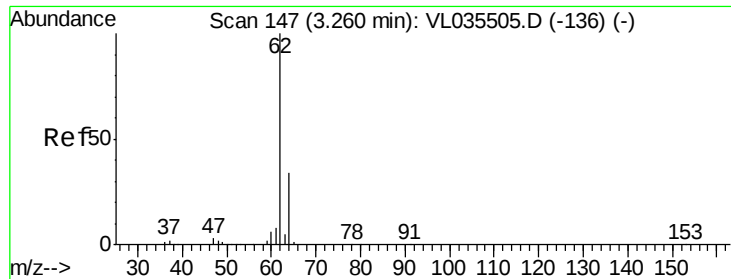
Tgt Ion: 50 Resp: 632786

Ion Ratio Lower Upper

50 100

52 35.1 27.7 41.5





#5

Vinyl Chloride

Concen: 9.279 ppbv

RT: 3.25 min Scan# 144

Delta R.T. 0.01 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

Instrument :

MSVOA_L

ClientSampleId :

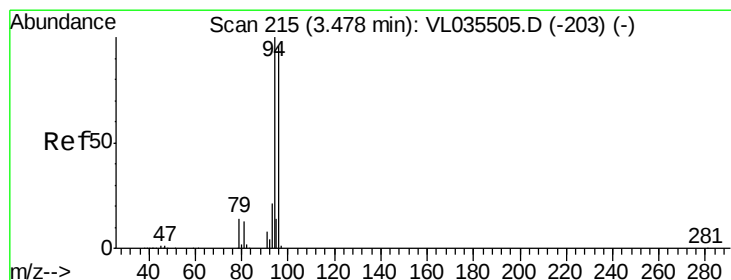
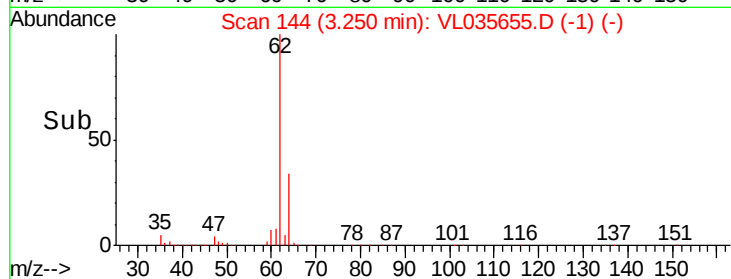
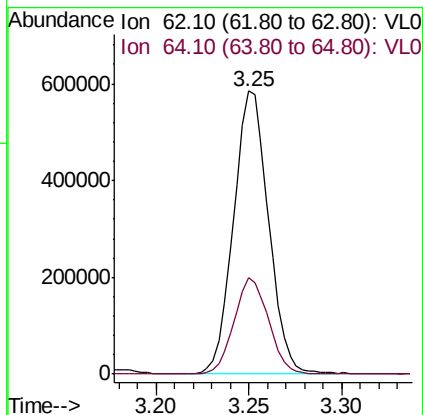
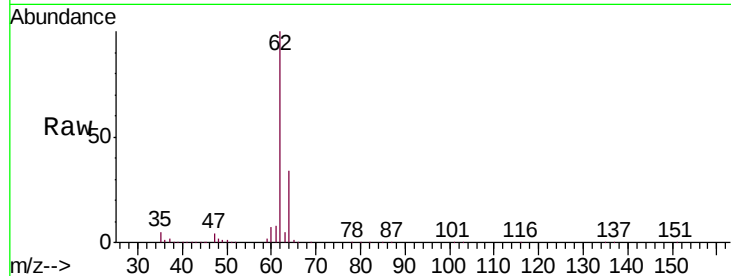
VSTDCCC010

Tgt Ion: 62 Resp: 766935

Ion Ratio Lower Upper

62 100

64 34.0 27.4 41.2



#6

Bromomethane

Concen: 9.607 ppbv

RT: 3.47 min Scan# 212

Delta R.T. 0.01 min

Lab File: VL035655.D

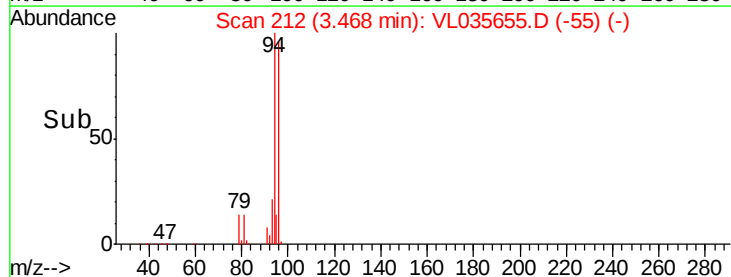
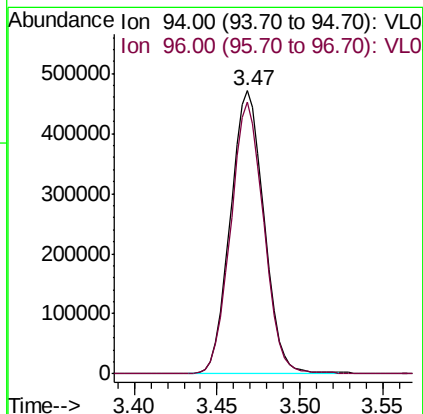
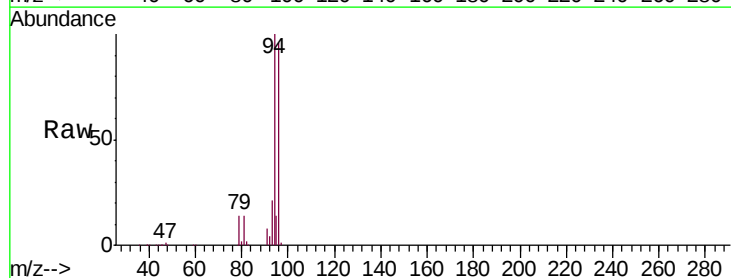
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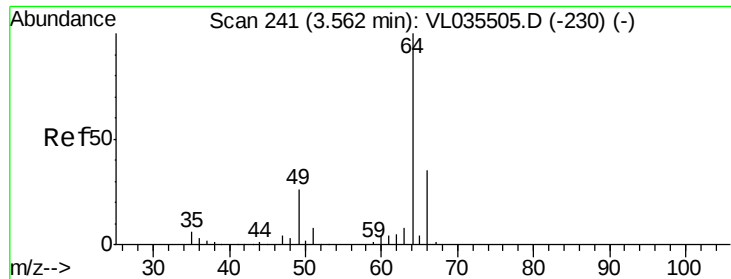
Tgt Ion: 94 Resp: 666955

Ion Ratio Lower Upper

94 100

96 95.8 77.1 115.7





#7

Chloroethane

Concen: 9.881 ppbv

RT: 3.55 min Scan# 238

Delta R.T. 0.01 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

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ClientSampleId :

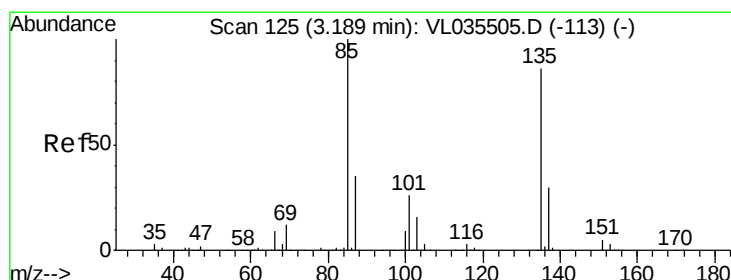
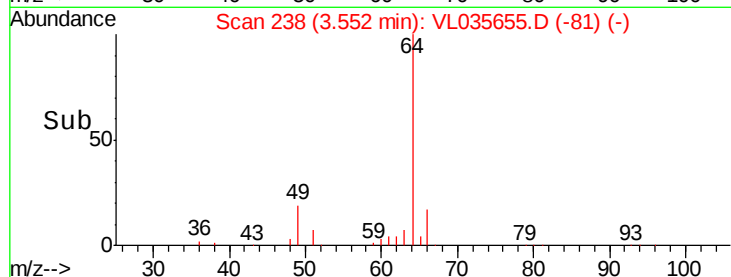
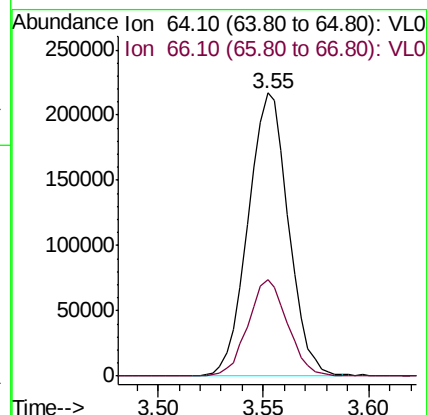
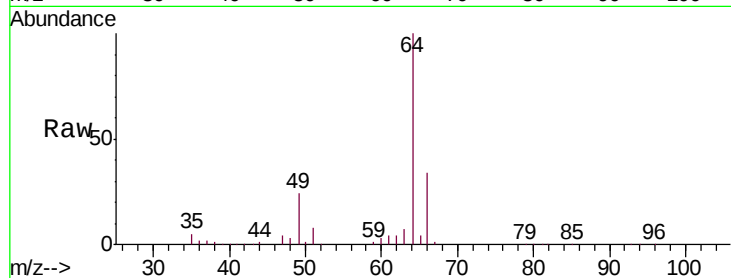
VSTDCCC010

Tgt Ion: 64 Resp: 288736

Ion Ratio Lower Upper

64 100

66 34.2 27.7 41.5



#8

Dichlorotetrafluoroethane

Concen: 9.342 ppbv

RT: 3.18 min Scan# 123

Delta R.T. 0.01 min

Lab File: VL035655.D

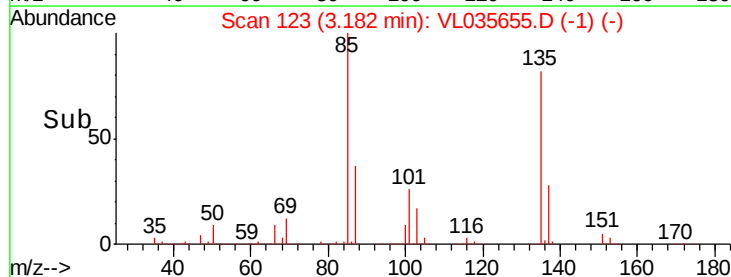
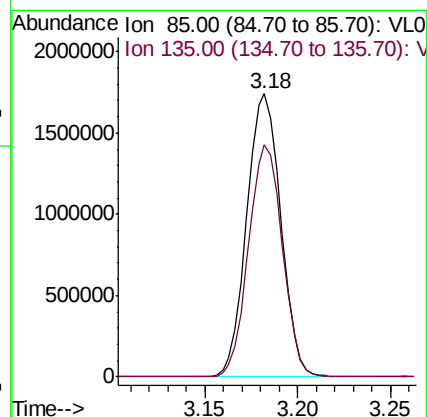
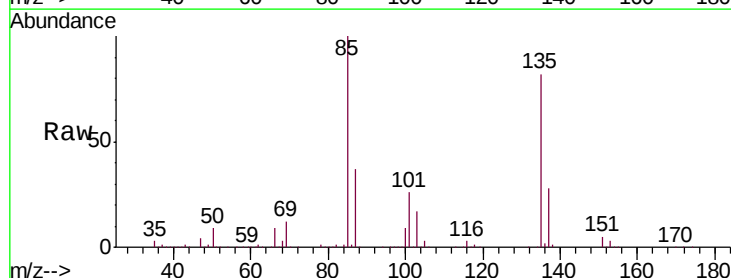
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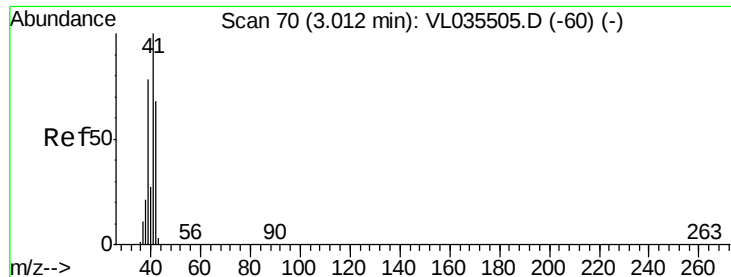
Tgt Ion: 85 Resp: 2218294

Ion Ratio Lower Upper

85 100

135 82.1 70.4 105.6





#9

Propene

Concen: 9.422 ppbv

RT: 3.00 min Scan# 67

Delta R.T. 0.01 min

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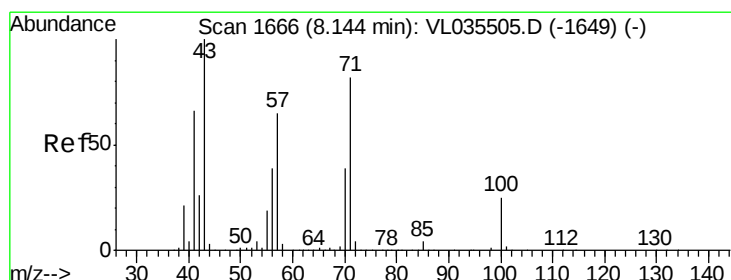
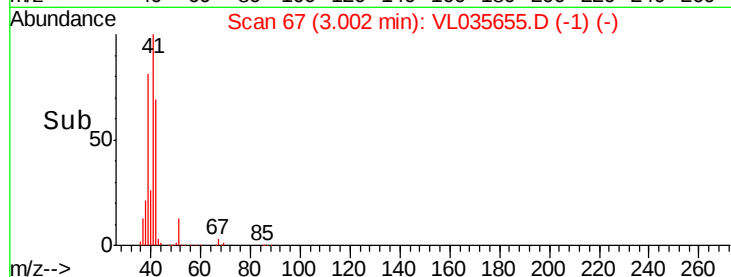
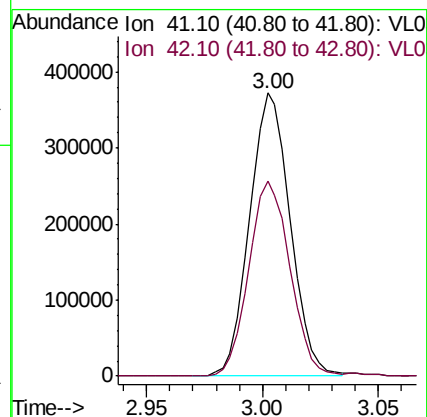
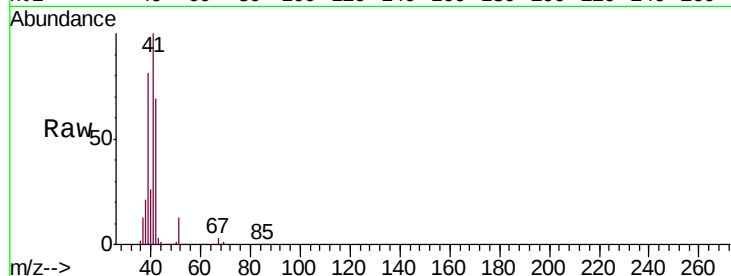
VSTDCCC010

Tgt Ion: 41 Resp: 454502

Ion Ratio Lower Upper

41 100

42 70.8 56.3 84.5



#10

Heptane

Concen: 10.022 ppbv

RT: 8.13 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VL035655.D

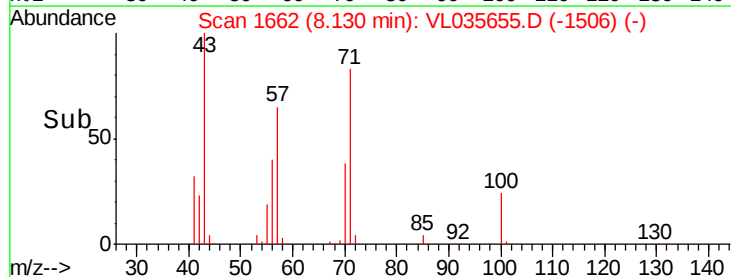
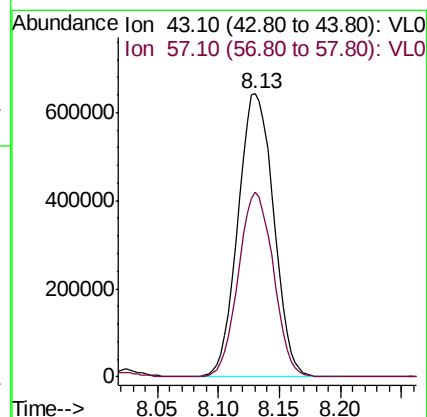
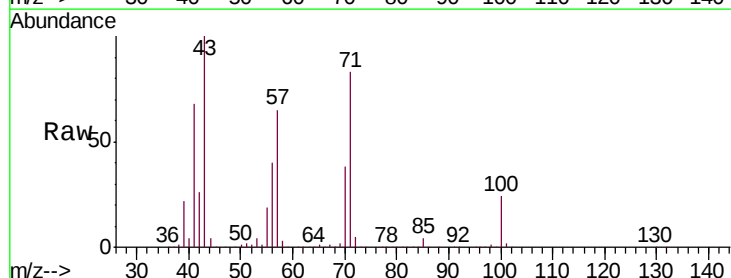
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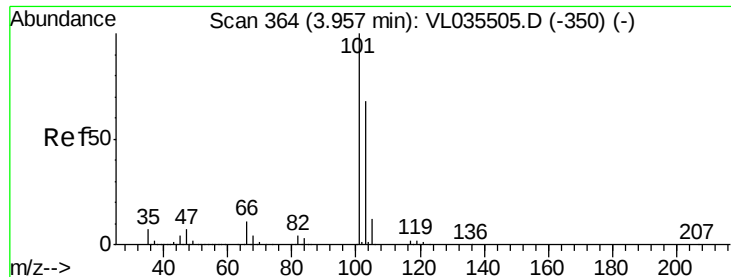
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Ion Ratio Lower Upper

43 100

57 64.4 51.4 77.0

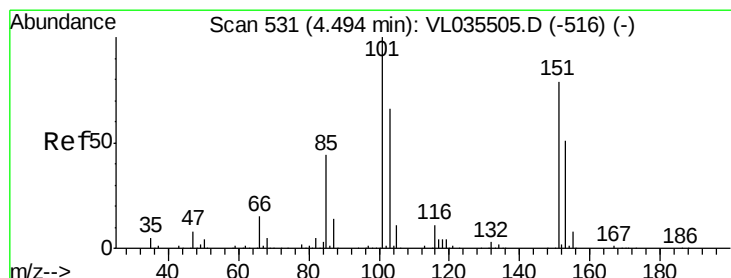
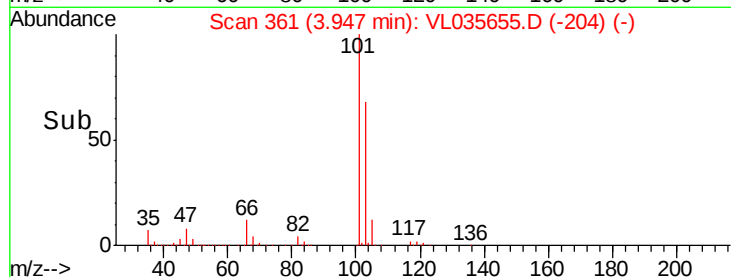
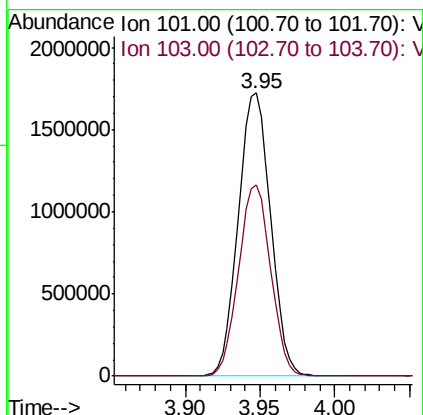
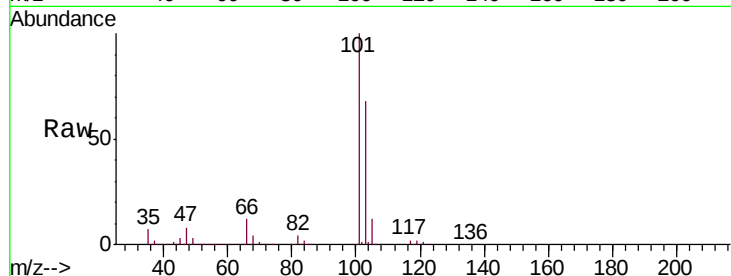




#11
 Trichlorofluoromethane
 Concen: 9.111 ppbv
 RT: 3.95 min Scan# 361
 Delta R.T. 0.01 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

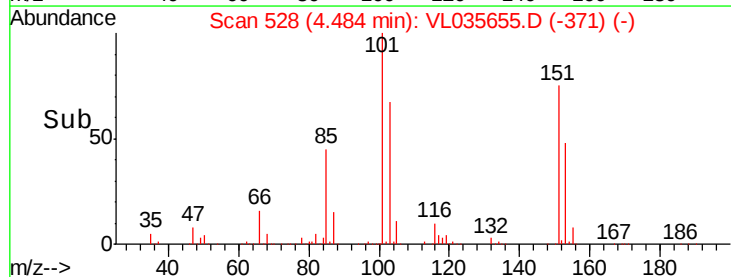
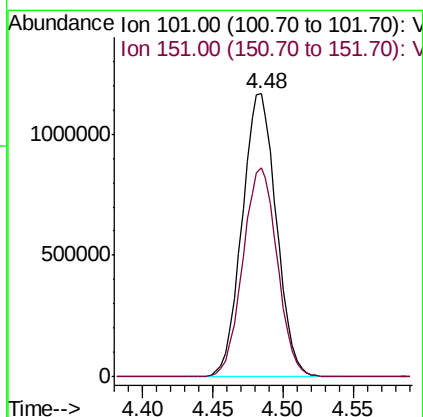
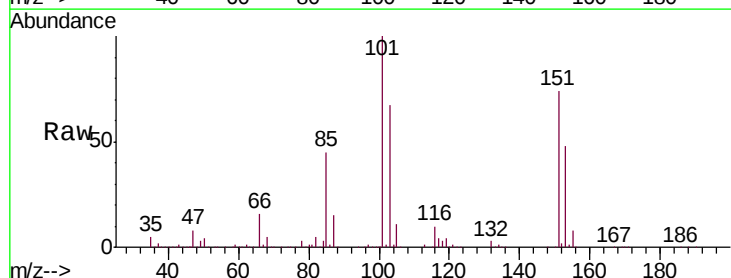
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

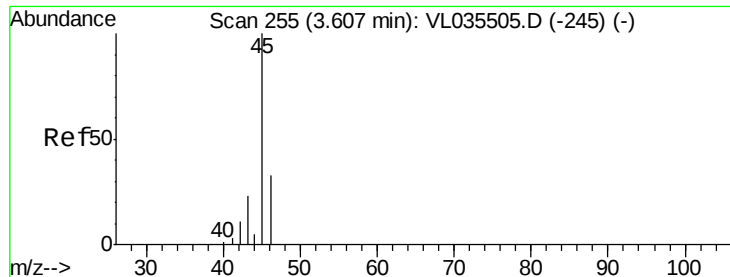
Tgt Ion:101 Resp: 2605091
 Ion Ratio Lower Upper
 101 100
 103 67.6 54.5 81.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.191 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

Tgt Ion:101 Resp: 1983429
 Ion Ratio Lower Upper
 101 100
 151 74.5 63.5 95.3

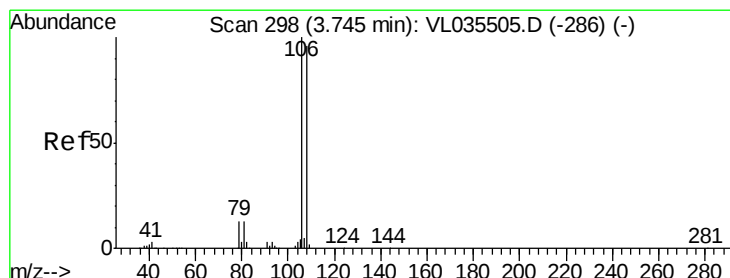
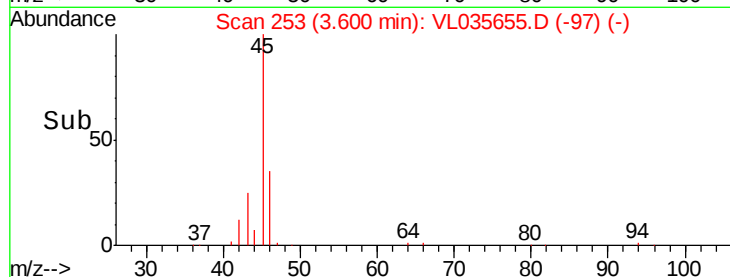
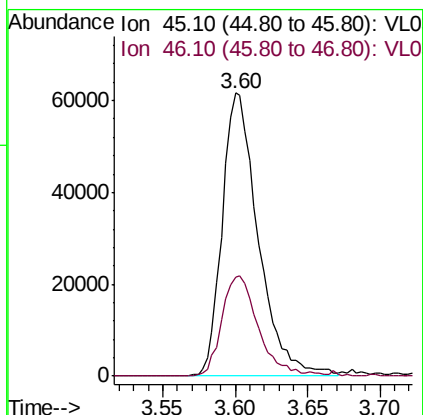
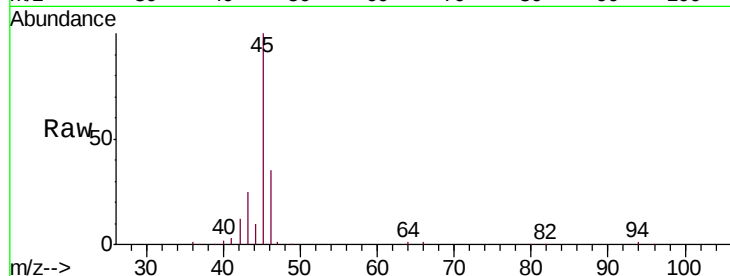




#13
Ethanol
Concen: 8.885 ppbv
RT: 3.60 min Scan# 253
Delta R.T. 0.00 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

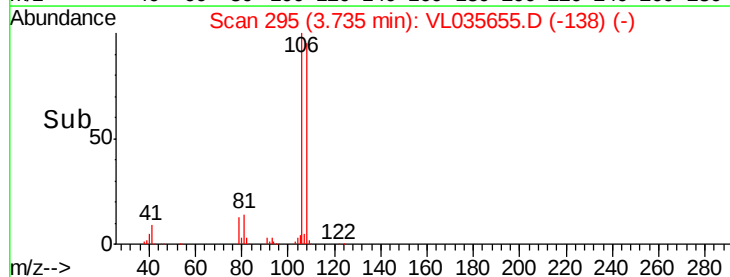
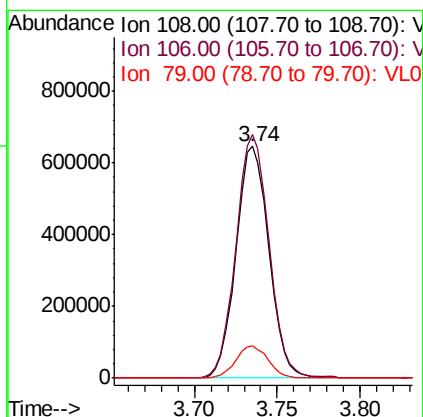
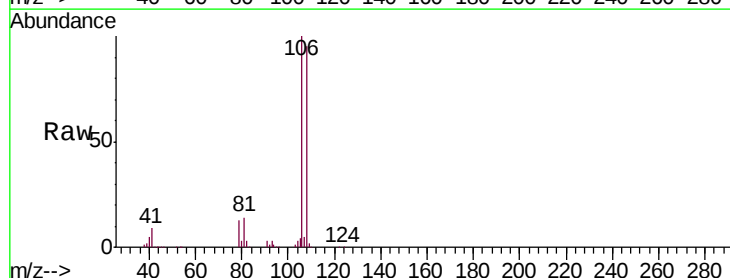
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

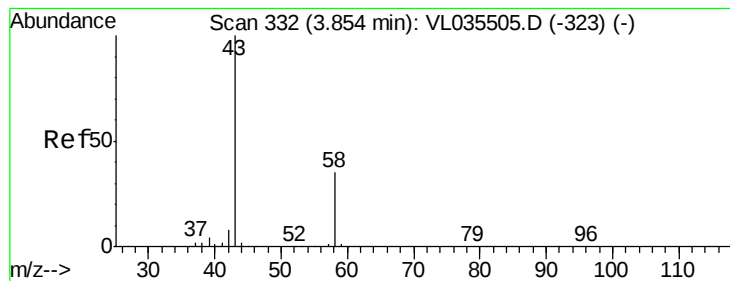
Tgt Ion: 45 Resp: 106264
Ion Ratio Lower Upper
45 100
46 36.4 15.2 60.6



#14
Bromoethene
Concen: 9.632 ppbv
RT: 3.74 min Scan# 295
Delta R.T. 0.01 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

Tgt Ion: 108 Resp: 894770
Ion Ratio Lower Upper
108 100
106 105.7 84.9 127.3
79 14.0 10.8 16.2





#15

Acetone

Concen: 8.161 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.01 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

Instrument :

MSVOA_L

ClientSampleId :

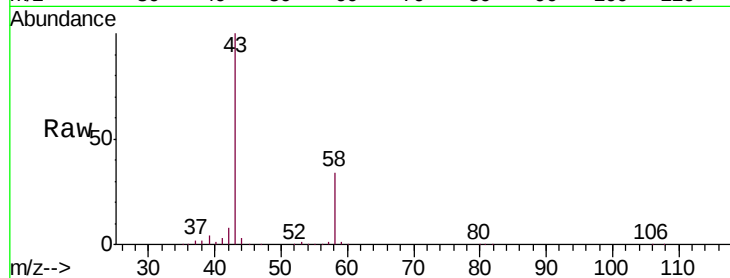
VSTDCCC010

Tgt Ion: 43 Resp: 1018400

Ion Ratio Lower Upper

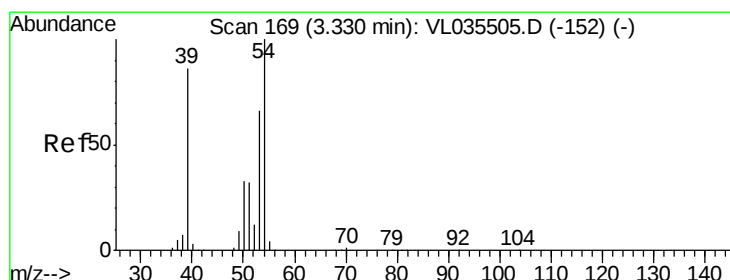
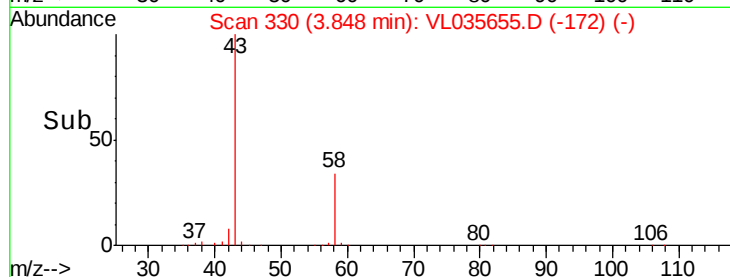
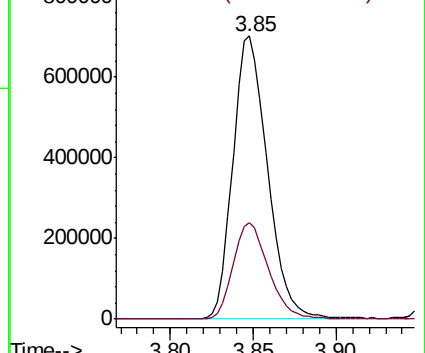
43 100

58 35.0 28.4 42.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 10.172 ppbv

RT: 3.32 min Scan# 166

Delta R.T. 0.00 min

Lab File: VL035655.D

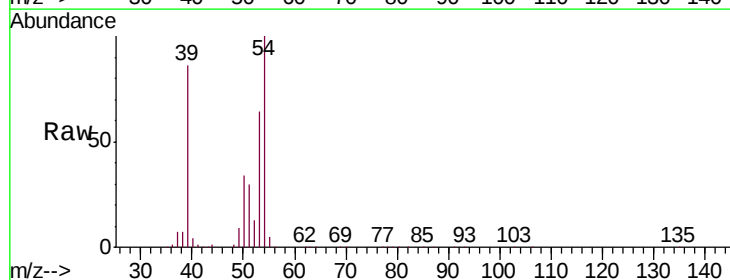
Acq: 17 Sep 2020 12:16

Tgt Ion: 39 Resp: 472494

Ion Ratio Lower Upper

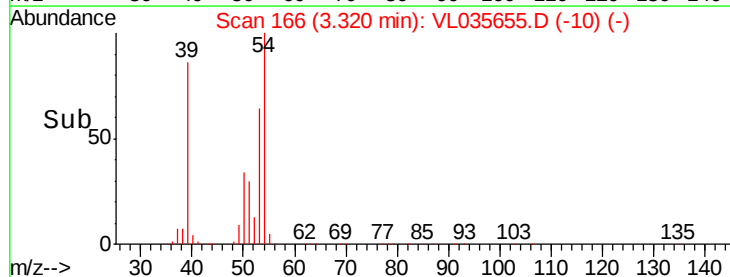
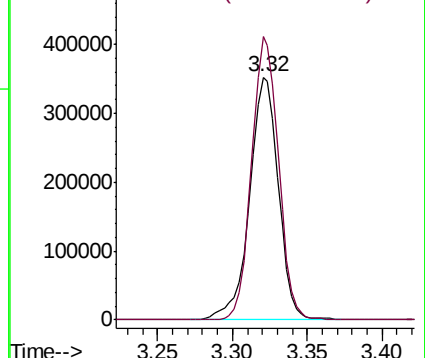
39 100

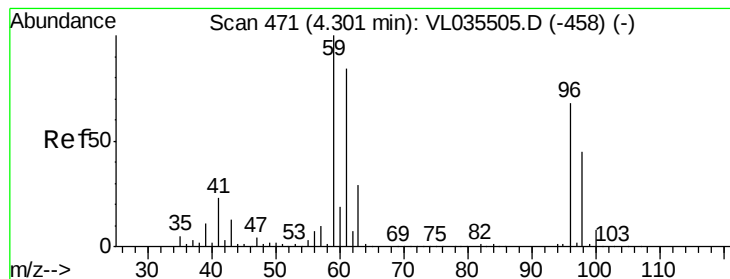
54 109.4 88.4 132.6



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#17

tert-Butyl alcohol

Concen: 9.808 ppbv

RT: 4.29 min Scan# 468

Delta R.T. 0.01 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

Instrument :

MSVOA_L

ClientSampleId :

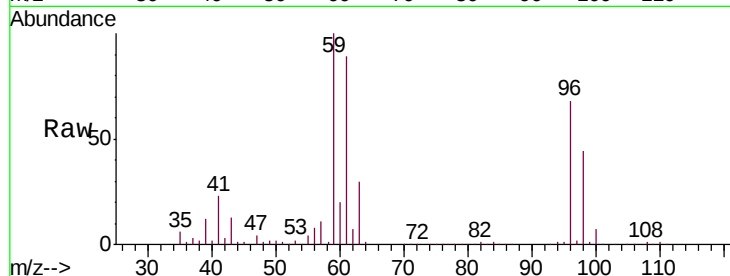
VSTDCCC010

Tgt Ion: 59 Resp: 1489773

Ion Ratio Lower Upper

59 100

57 10.6 8.4 12.6



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.29

800000

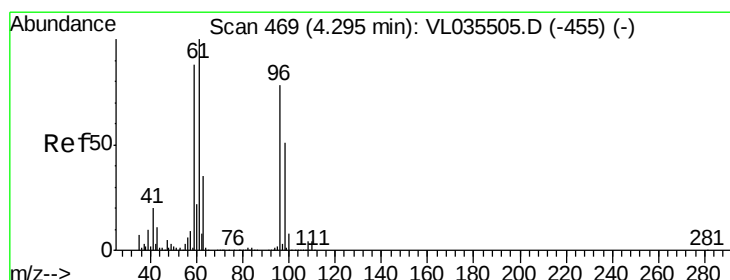
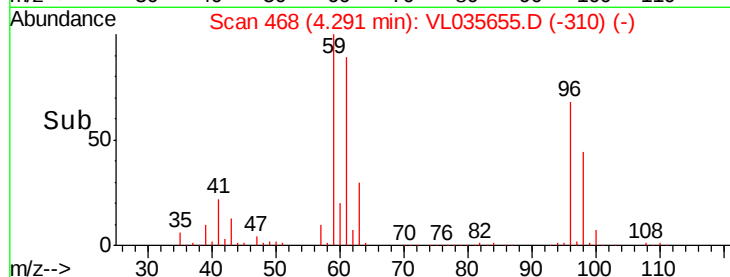
600000

400000

200000

0

Time-->



#18

1,1-Dichloroethene

Concen: 9.794 ppbv

RT: 4.28 min Scan# 466

Delta R.T. 0.01 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

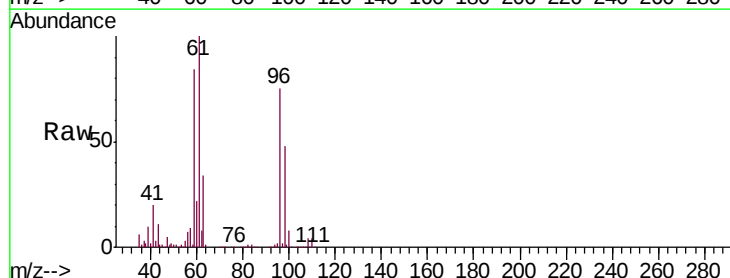
Tgt Ion: 96 Resp: 930787

Ion Ratio Lower Upper

96 100

61 132.7 103.0 154.6

98 63.5 52.8 79.2



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

4.28

1000000

800000

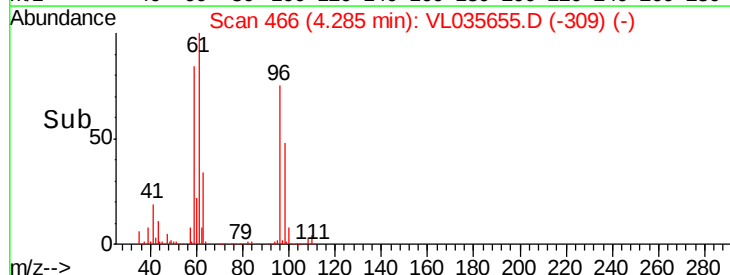
600000

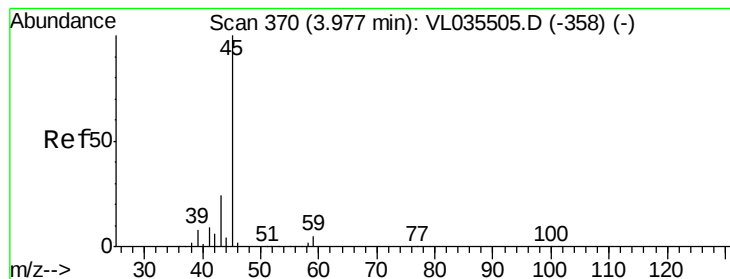
400000

200000

0

Time-->





#19

Isopropyl Alcohol

Concen: 9.837 ppbv

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

Instrument :

MSVOA_L

ClientSampleId :

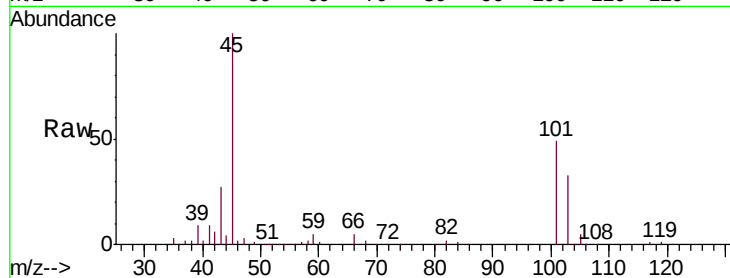
VSTDCCC010

Tgt Ion: 45 Resp: 732247

Ion Ratio Lower Upper

45 100

58 3.0 2.0 3.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.97

400000

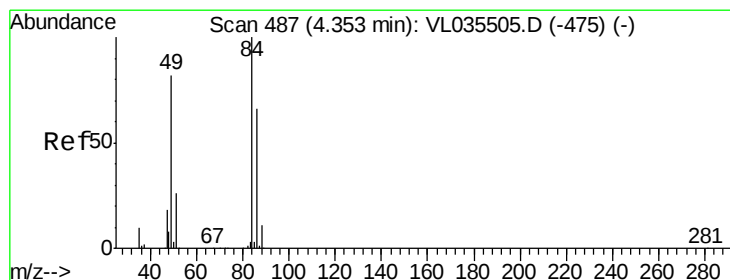
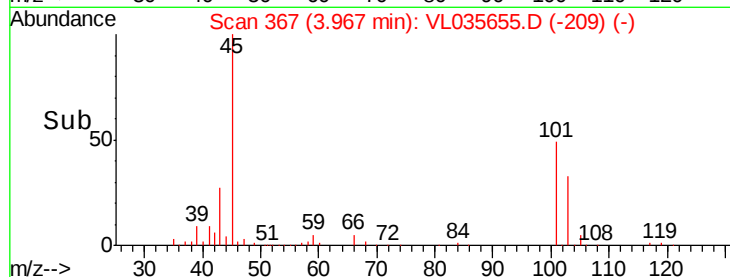
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 8.158 ppbv

RT: 4.34 min Scan# 483

Delta R.T. 0.00 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

Tgt Ion: 84 Resp: 758207

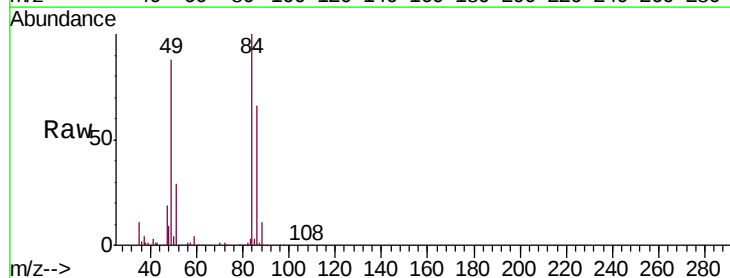
Ion Ratio Lower Upper

84 100

49 87.0 65.4 98.0

51 28.7 21.5 32.3

86 66.4 52.9 79.3



Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

4.34

800000

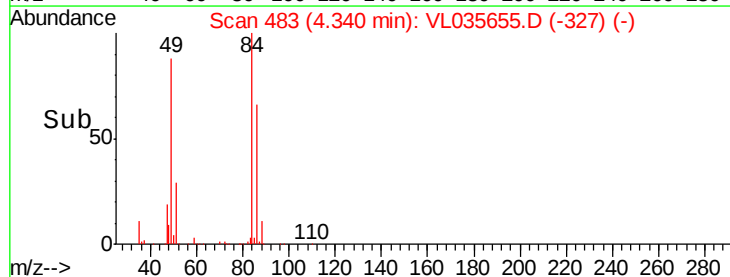
600000

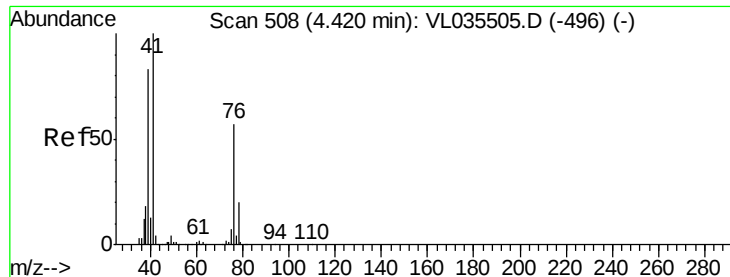
400000

200000

0

Time-->





#21

Allyl Chloride

Concen: 10.915 ppbv

RT: 4.41 min Scan# 505

Delta R.T. 0.01 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

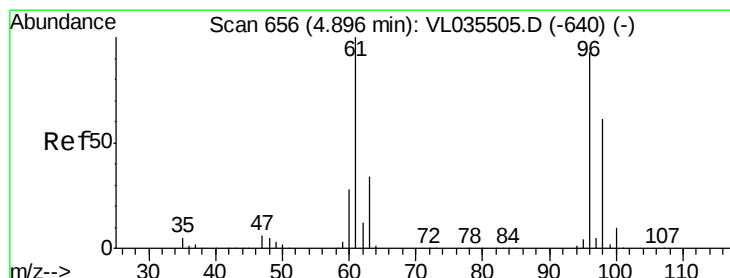
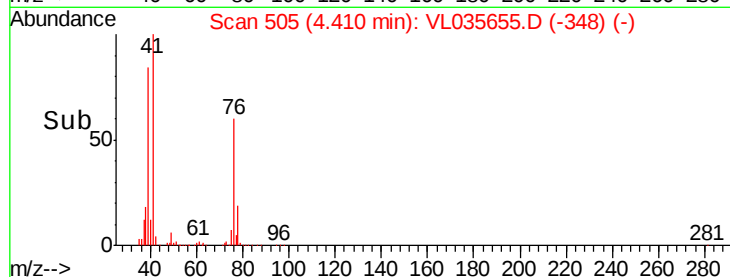
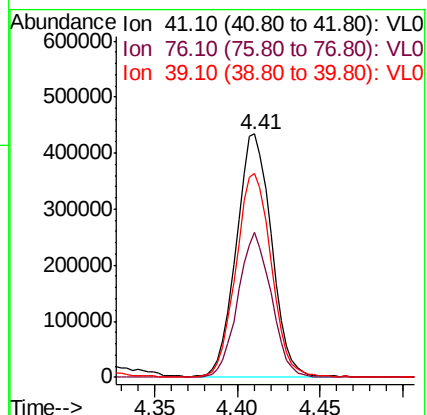
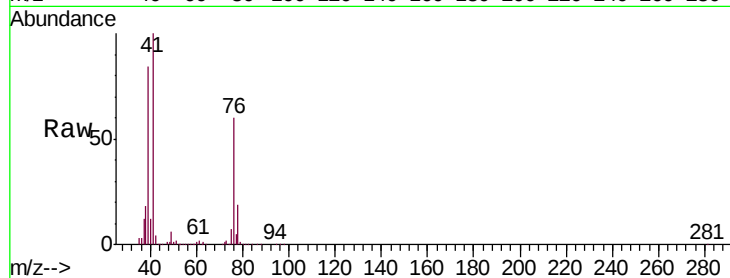
Tgt Ion: 41 Resp: 638069

Ion Ratio Lower Upper

41 100

76 56.9 46.2 69.2

39 84.5 67.8 101.6



#22

trans-1,2-Dichloroethene

Concen: 9.629 ppbv

RT: 4.88 min Scan# 652

Delta R.T. 0.01 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

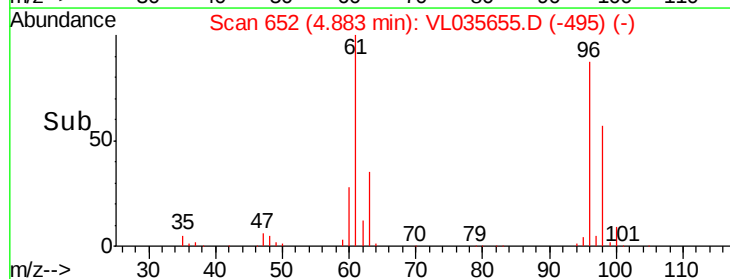
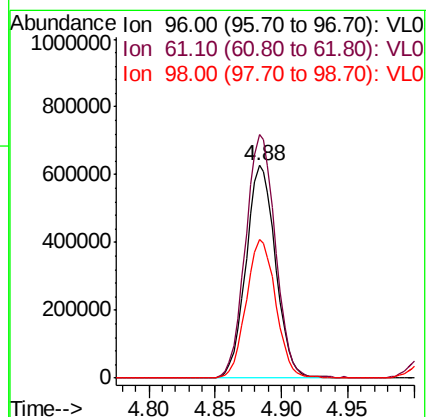
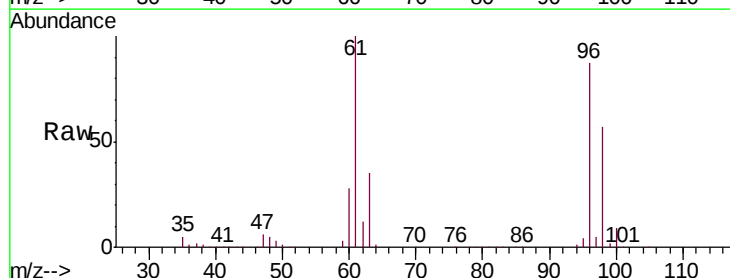
Tgt Ion: 96 Resp: 974161

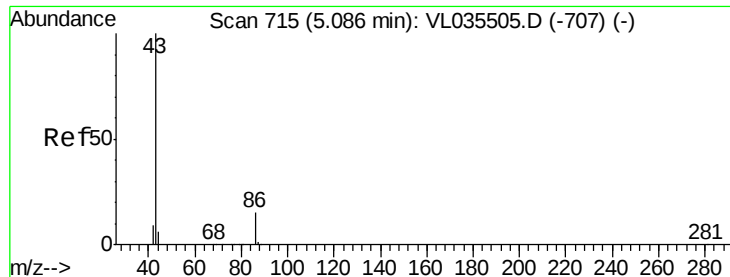
Ion Ratio Lower Upper

96 100

61 114.7 86.0 129.0

98 65.3 52.3 78.5





#23

Vinyl Acetate

Concen: 9.942 ppbv

RT: 5.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 1592339

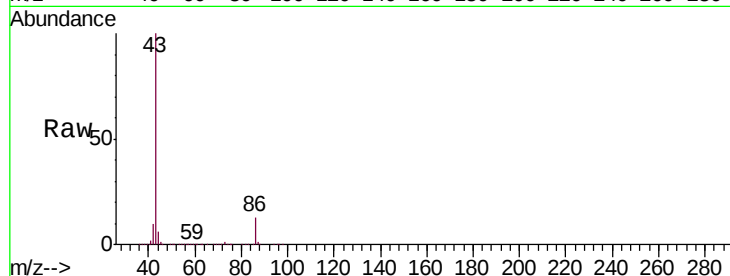
Ion Ratio Lower Upper

43 100

86 13.3 10.6 16.0

42 9.5 7.5 11.3

44 5.5 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

1500000

1000000

500000

0

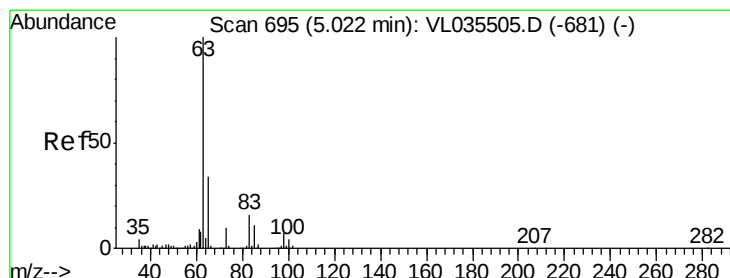
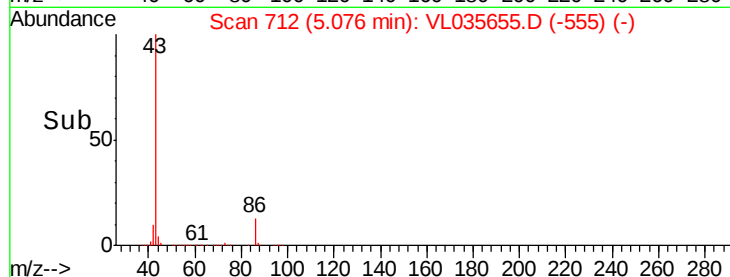
5.08

5.05

5.10

5.15

Time-->



#24

1,1-Dichloroethane

Concen: 9.759 ppbv

RT: 5.01 min Scan# 692

Delta R.T. 0.01 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

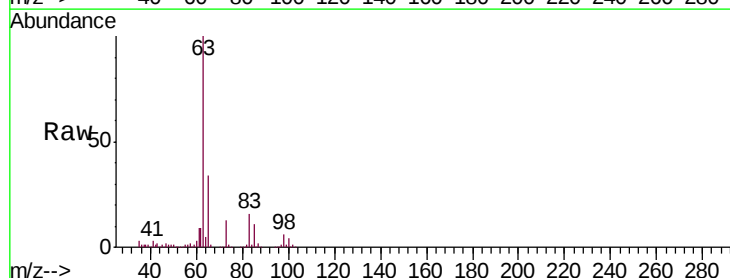
Tgt Ion: 63 Resp: 1608456

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

100 4.3 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

1200000

1000000

800000

600000

400000

200000

0

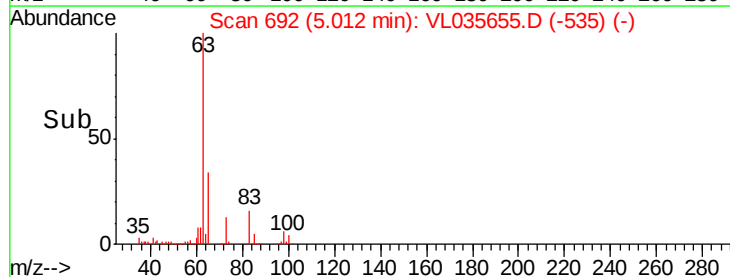
5.01

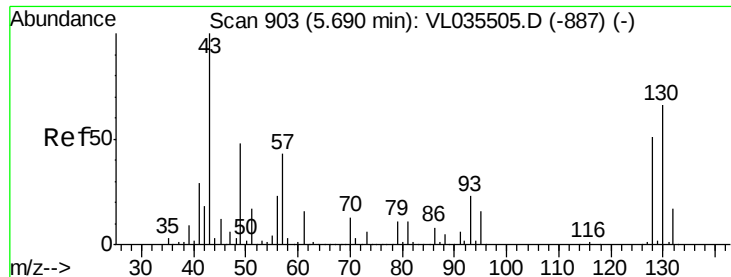
4.95

5.05

5.10

Time-->



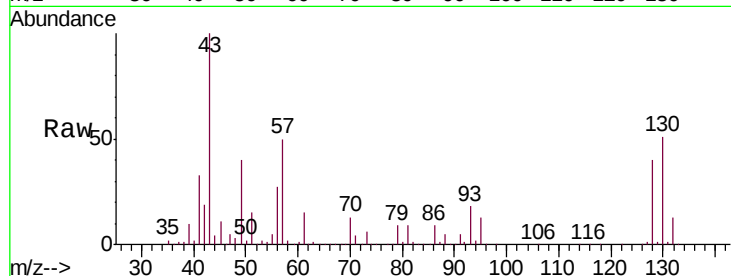


#25
Ethyl Acetate
Concen: 9.628 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.01 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2122408

Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.4	12.6
61	13.4	10.6	16.0
70	11.6	9.4	14.2



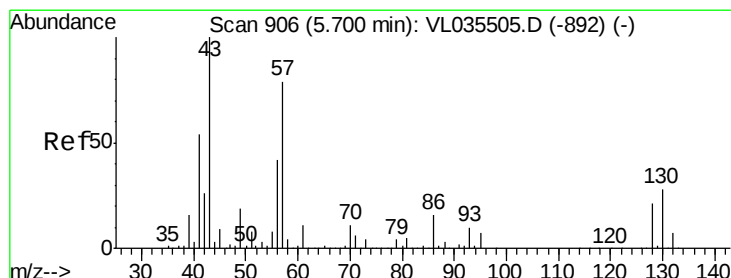
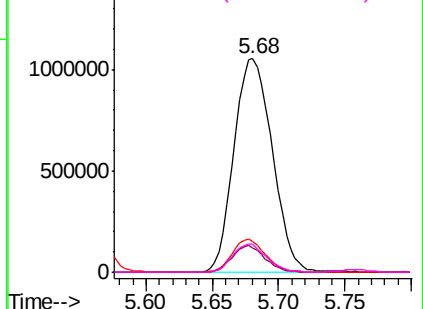
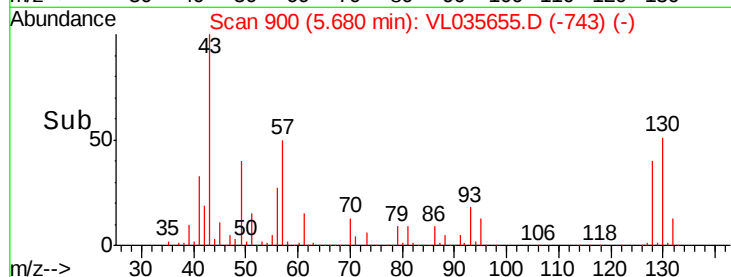
Abundance

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

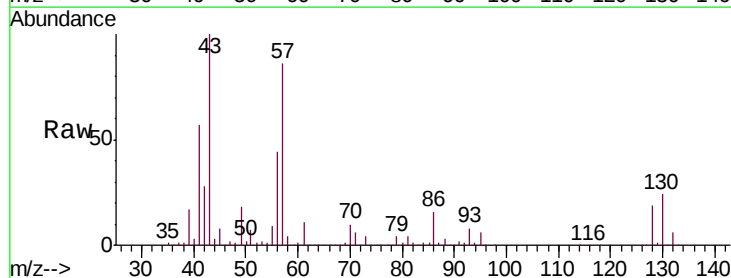
Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 9.687 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

Tgt Ion: 57 Resp: 1209939

Ion	Ratio	Lower	Upper
57	100		
41	70.7	55.9	83.9
43	176.2	141.8	212.8
56	52.3	41.8	62.8



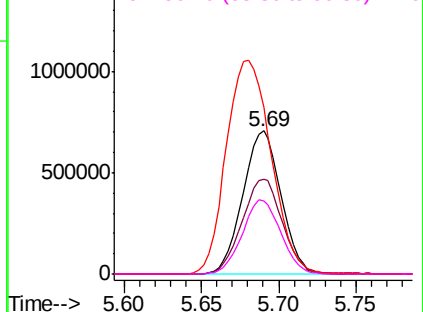
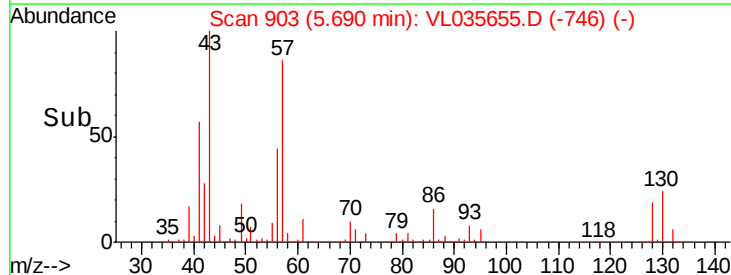
Abundance

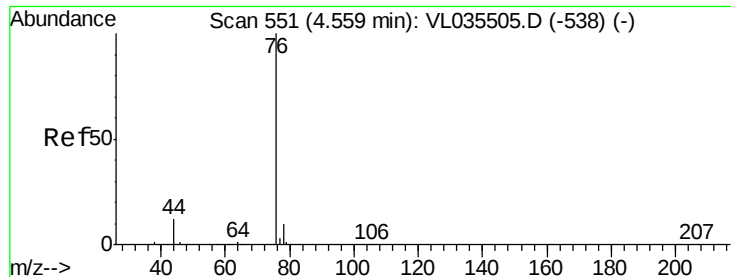
Ion 57.10 (56.80 to 57.80): VL0

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: 11.191 ppbv

RT: 4.55 min Scan# 548

Delta R.T. 0.01 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

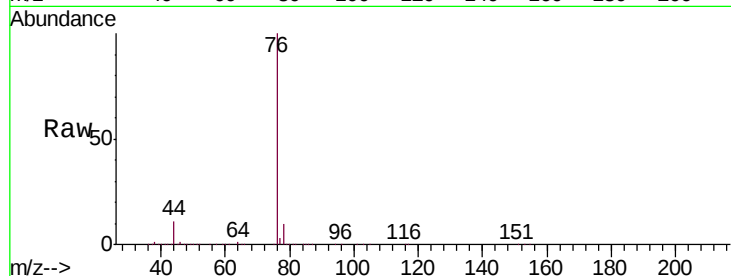
Tgt Ion: 76 Resp: 2005785

Ion Ratio Lower Upper

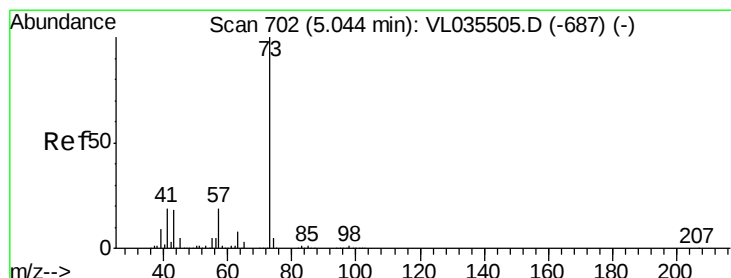
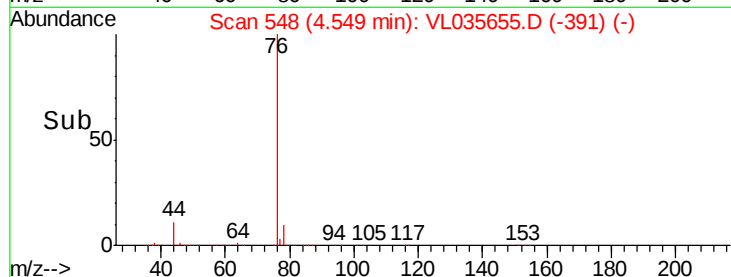
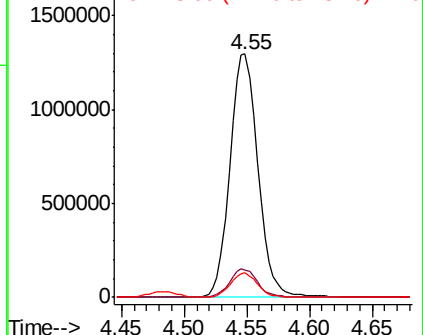
76 100

44 11.4 9.3 13.9

78 9.7 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: 9.984 ppbv

RT: 5.03 min Scan# 699

Delta R.T. 0.01 min

Lab File: VL035655.D

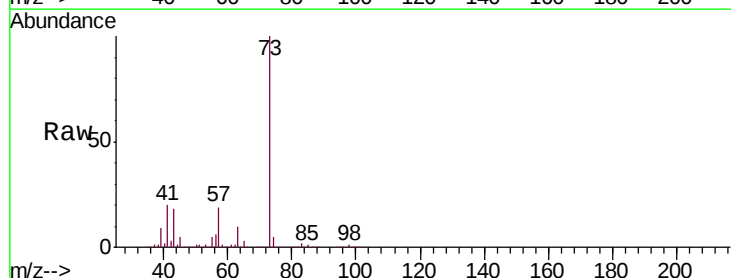
Acq: 17 Sep 2020 12:16

Tgt Ion: 73 Resp: 2173357

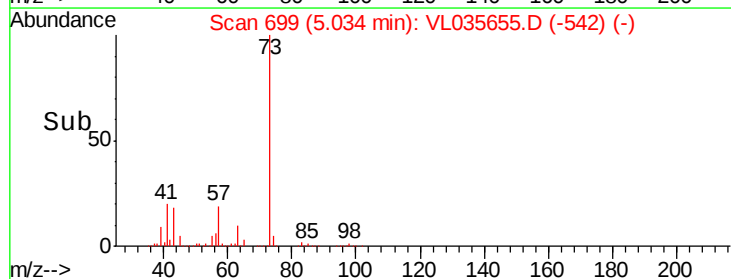
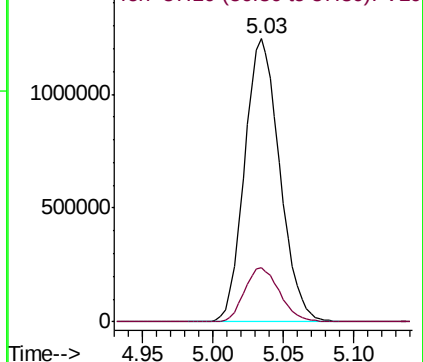
Ion Ratio Lower Upper

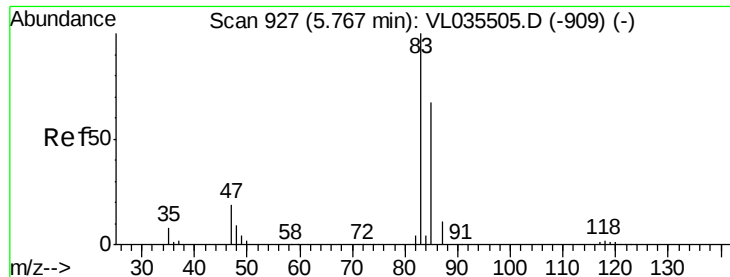
73 100

57 19.2 15.2 22.8



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

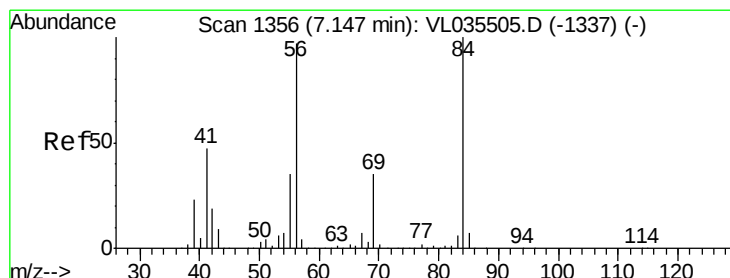
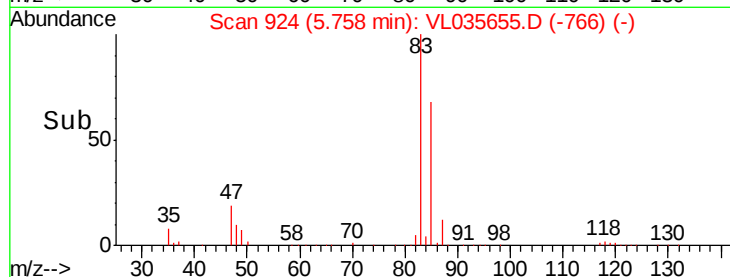
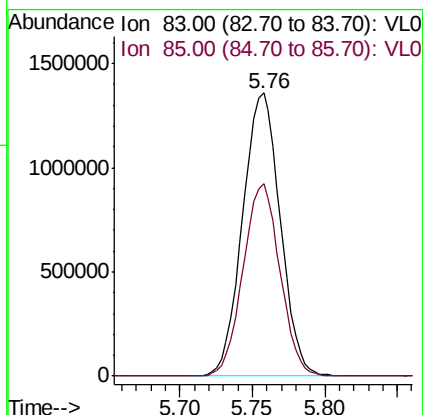
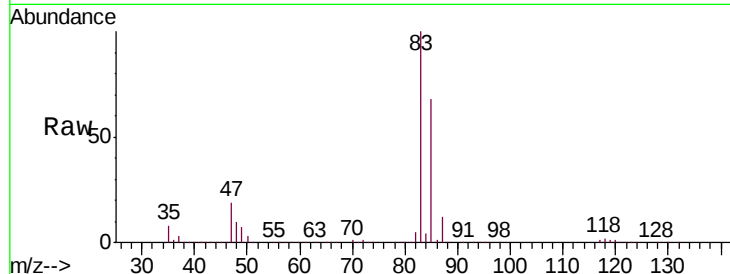




#29
Chloroform
Concen: 9.640 ppbv
RT: 5.76 min Scan# 924
Delta R.T. 0.01 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

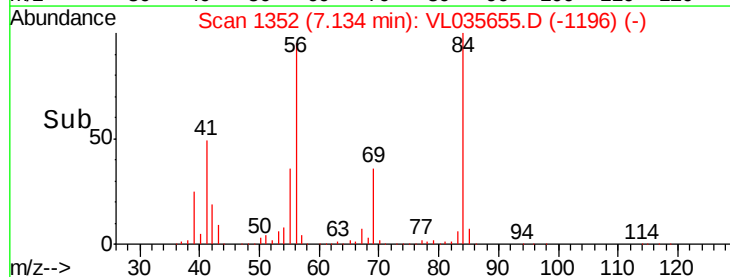
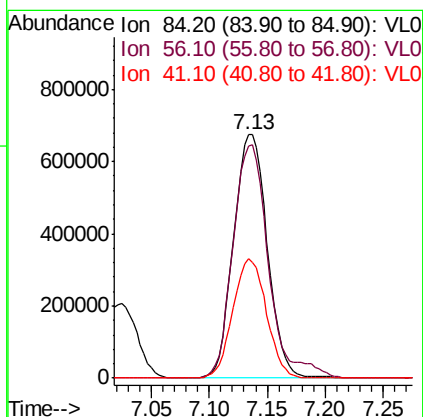
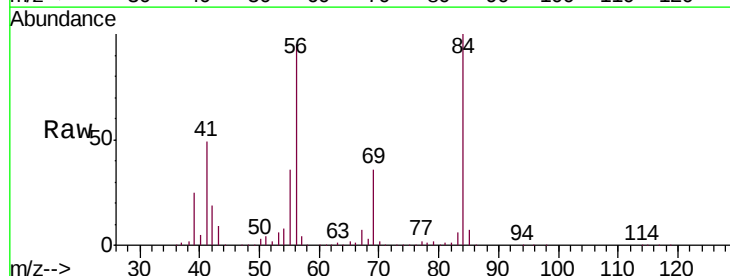
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

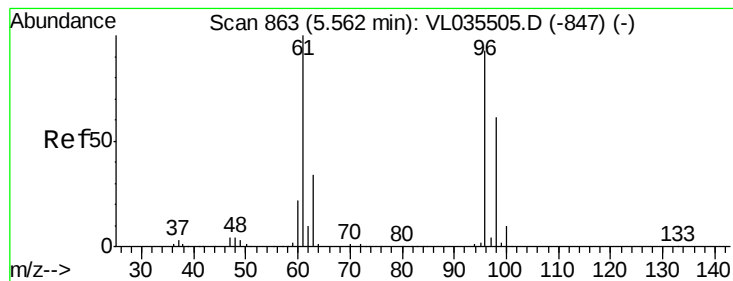
Tgt Ion: 83 Resp: 2453161
Ion Ratio Lower Upper
83 100
85 67.7 53.9 80.9



#30
Cyclohexane
Concen: 10.196 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. 0.00 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

Tgt Ion: 84 Resp: 1364269
Ion Ratio Lower Upper
84 100
56 101.4 80.1 120.1
41 48.8 38.1 57.1



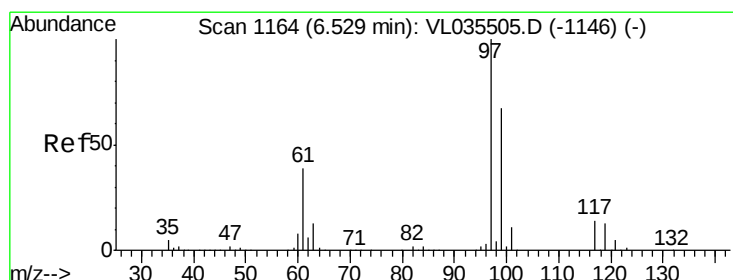
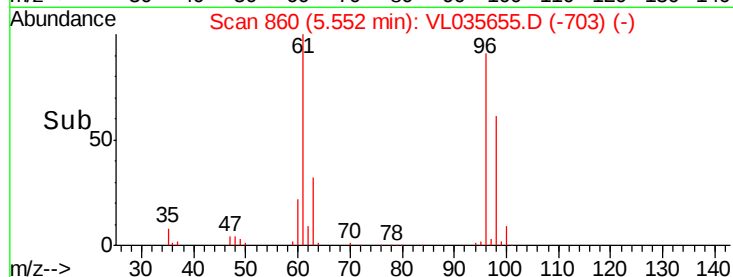
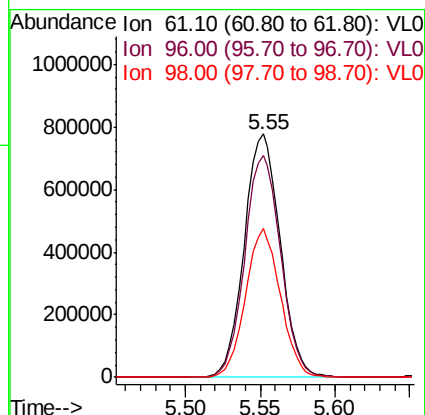
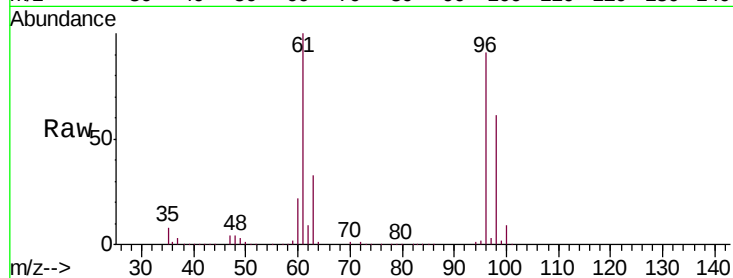


#31

cis-1,2-Dichloroethene
 Concen: 10.180 ppbv
 RT: 5.55 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

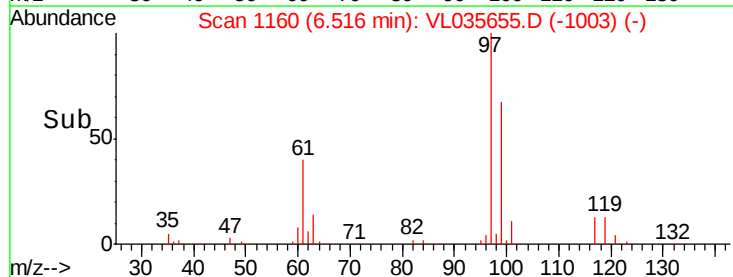
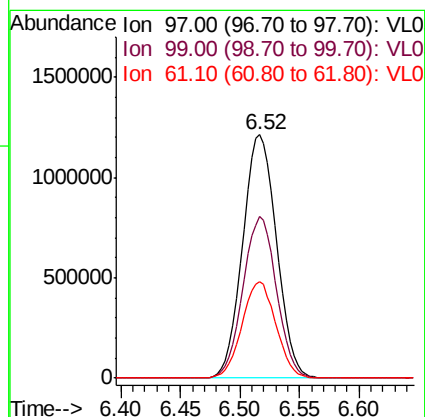
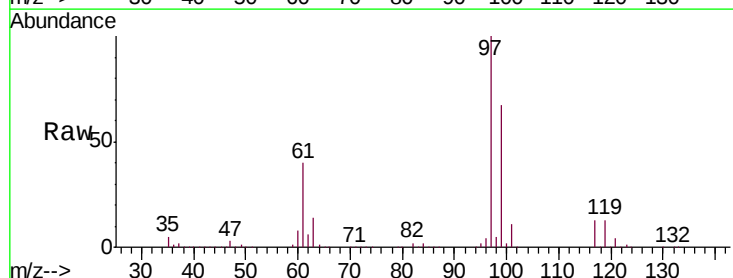
Tgt Ion: 61 Resp: 1304578
 Ion Ratio Lower Upper
 61 100
 96 91.1 74.4 111.6
 98 61.1 49.2 73.8

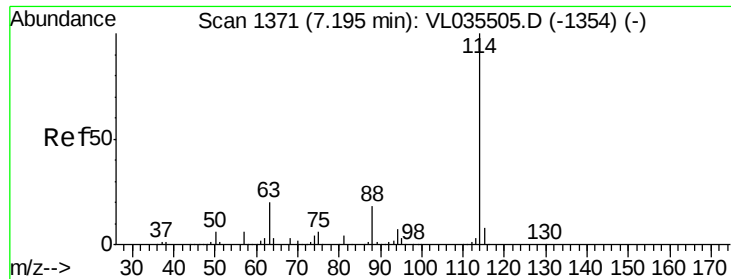


#32

1,1,1-Trichloroethane
 Concen: 9.736 ppbv
 RT: 6.52 min Scan# 1160
 Delta R.T. 0.01 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

Tgt Ion: 97 Resp: 2403648
 Ion Ratio Lower Upper
 97 100
 99 65.7 53.3 79.9
 61 39.6 30.6 46.0

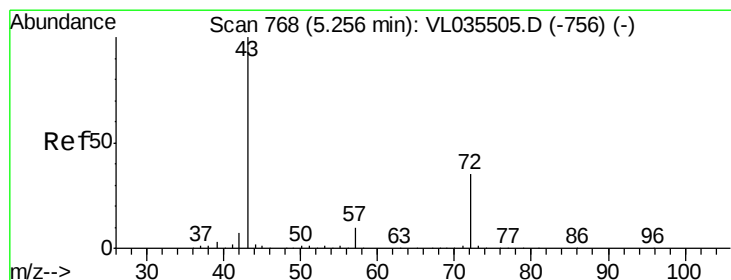
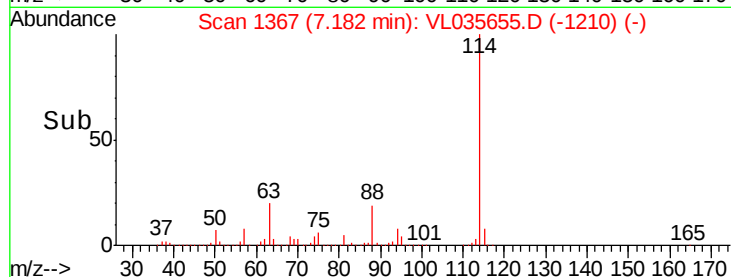
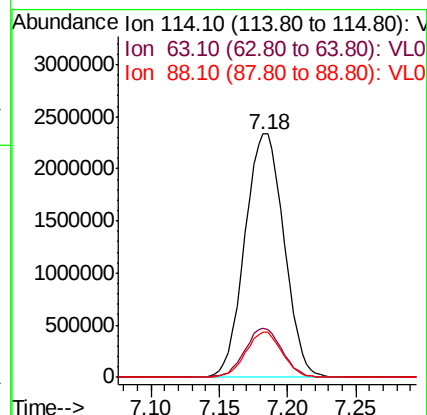
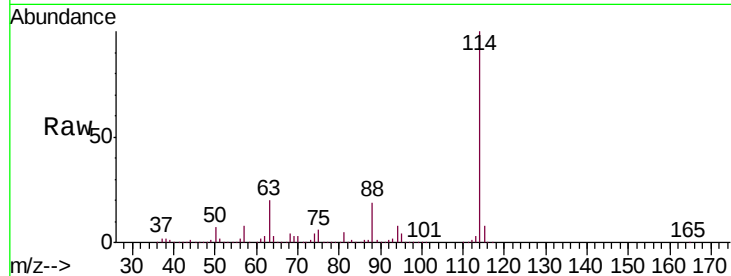




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. 0.01 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

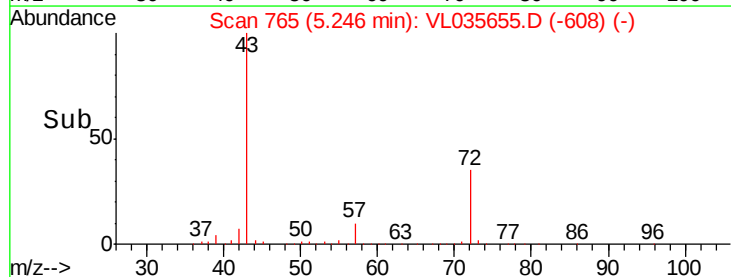
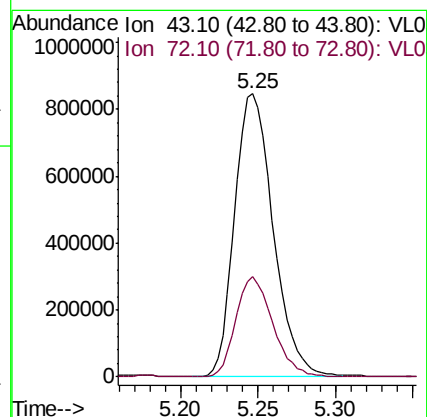
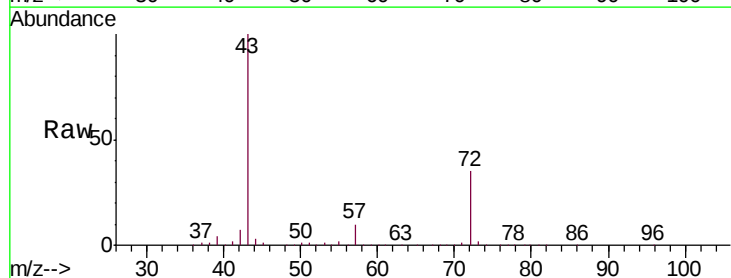
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

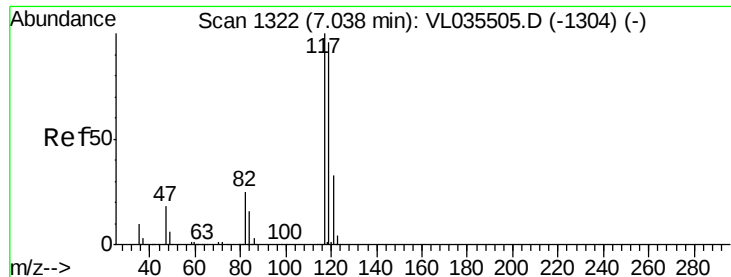
Tgt Ion:114 Resp: 4651597
 Ion Ratio Lower Upper
 114 100
 63 19.3 14.7 22.1
 88 17.2 13.4 20.2



#34
 2-Butanone
 Concen: 10.595 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

Tgt Ion: 43 Resp: 1462644
 Ion Ratio Lower Upper
 43 100
 72 34.3 27.7 41.5

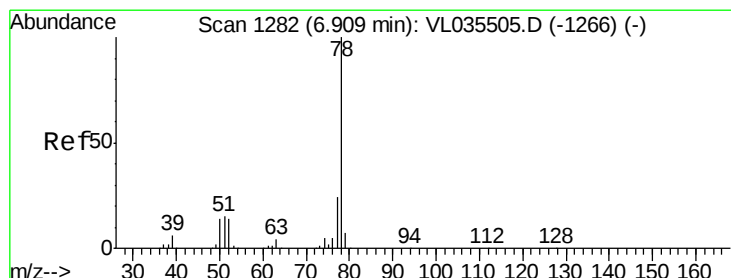
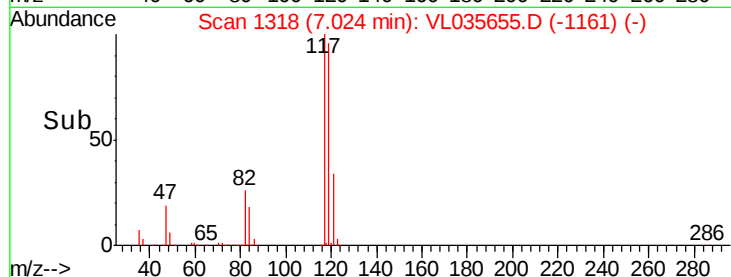
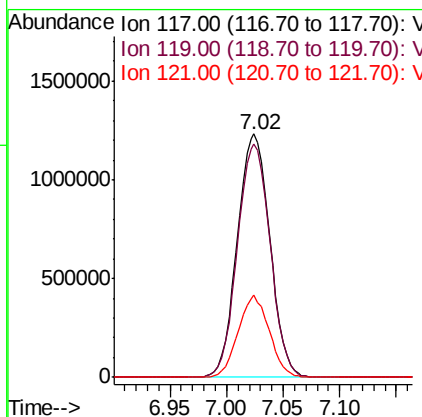
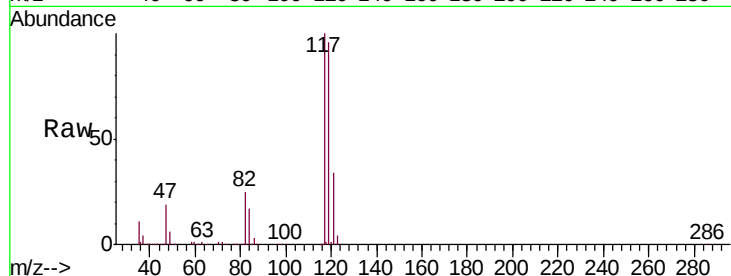




#35
Carbon Tetrachloride
Concen: 10.588 ppbv
RT: 7.02 min Scan# 1318
Delta R.T. 0.01 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

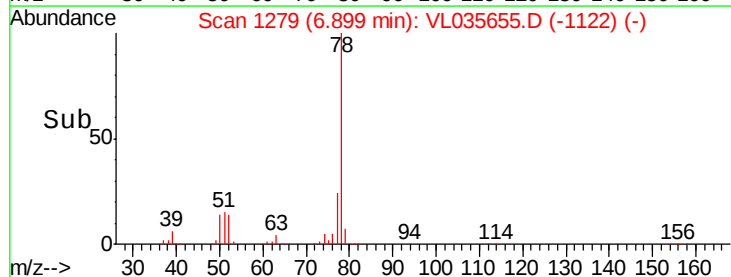
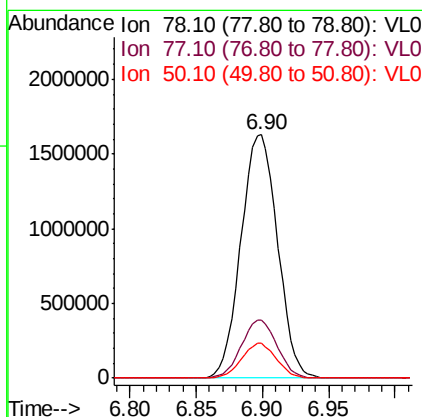
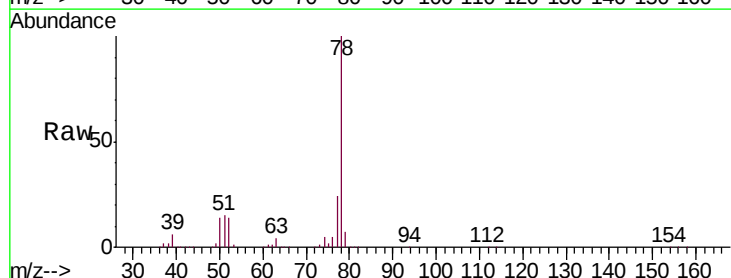
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

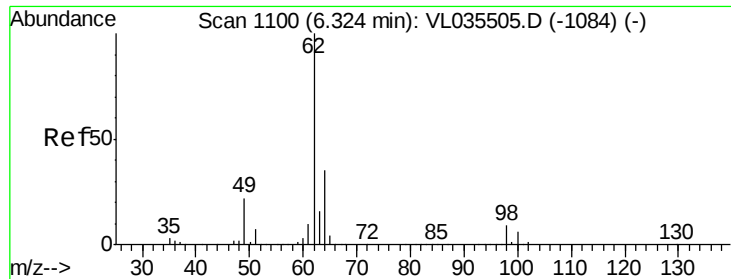
Tgt Ion:117 Resp: 2475306
Ion Ratio Lower Upper
117 100
119 95.8 77.2 115.8
121 33.7 26.1 39.1



#36
Benzene
Concen: 10.384 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.01 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

Tgt Ion: 78 Resp: 3126607
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9
50 14.3 11.0 16.6

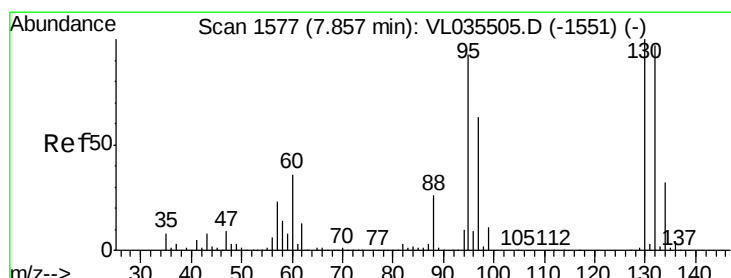
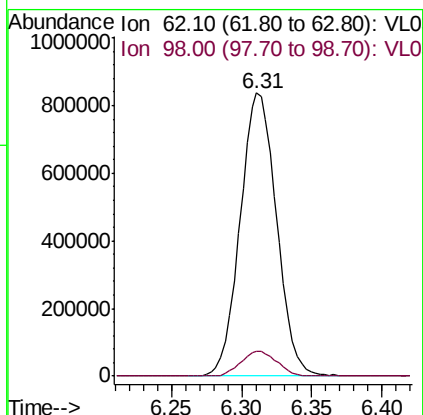
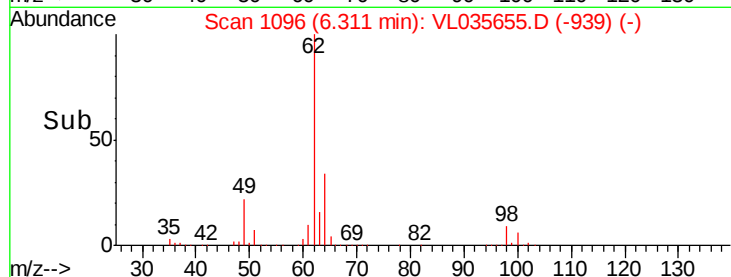
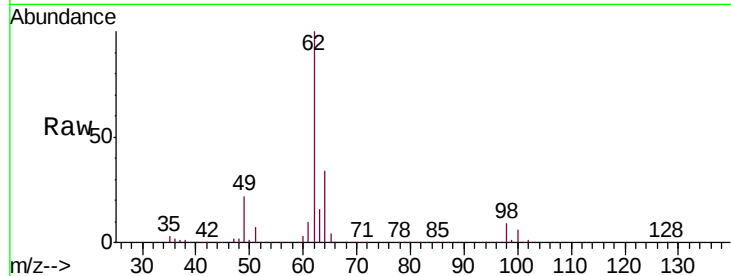




#37
 1,2-Dichloroethane
 Concen: 10.540 ppbv
 RT: 6.31 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

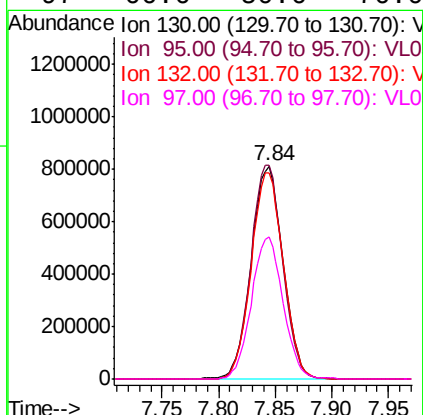
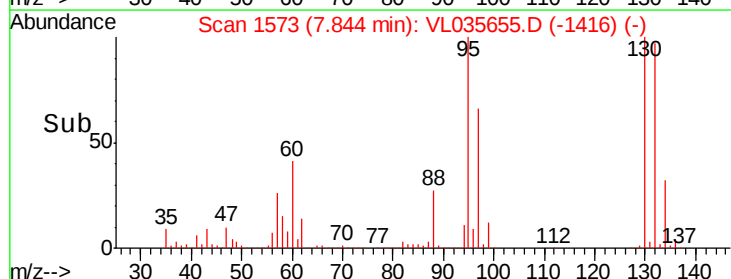
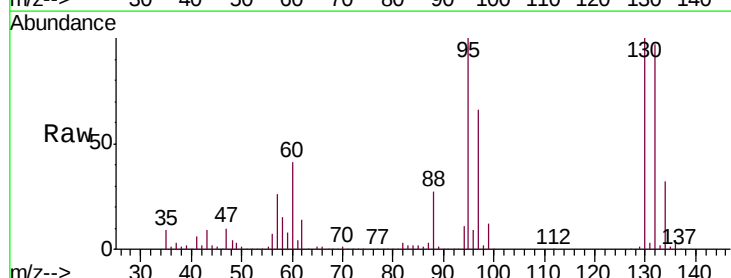
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

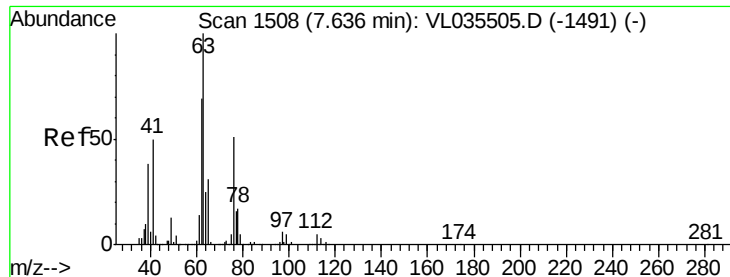
Tgt Ion: 62 Resp: 1513084
 Ion Ratio Lower Upper
 62 100
 98 8.9 7.4 11.0



#38
 Trichloroethene
 Concen: 9.081 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

Tgt Ion: 130 Resp: 1588383
 Ion Ratio Lower Upper
 130 100
 95 100.4 74.6 112.0
 132 96.9 77.6 116.4
 97 66.6 50.6 76.0





#39

1,2-Dichloropropane

Concen: 10.354 ppbv

RT: 7.62 min Scan# 1504

Delta R.T. 0.01 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

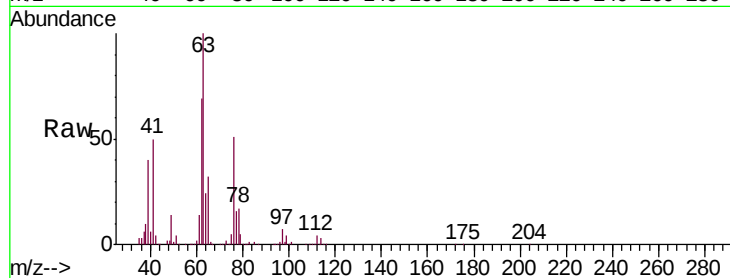
Tgt Ion: 63 Resp: 1053152

Ion Ratio Lower Upper

63 100

41 49.9 40.0 60.0

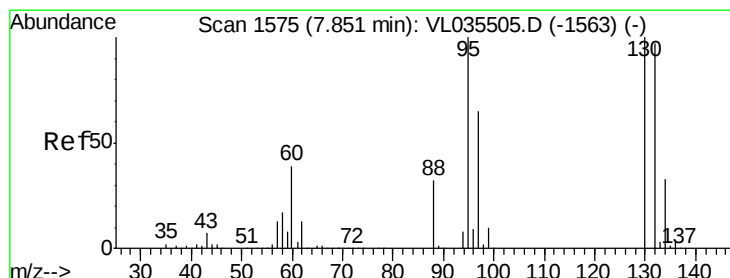
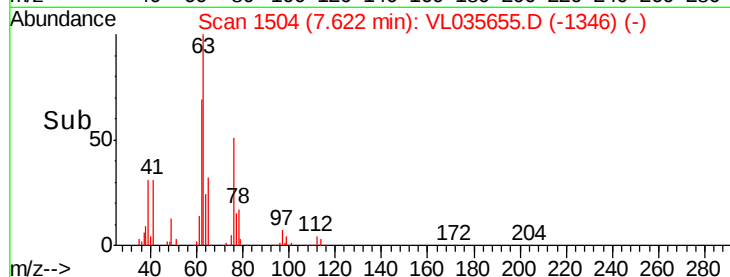
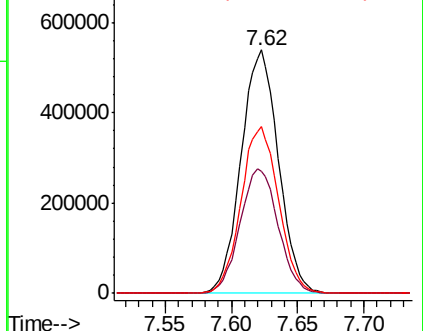
62 68.6 55.4 83.0



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: 11.105 ppbv

RT: 7.84 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

Tgt Ion: 88 Resp: 564259

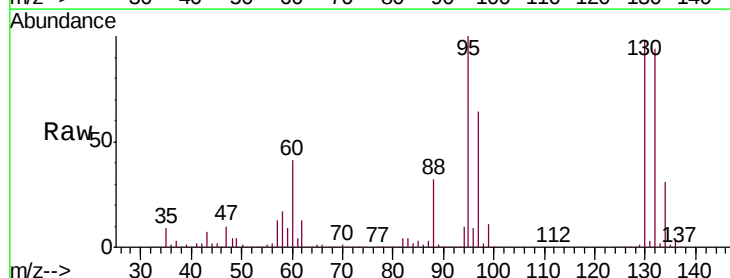
Ion Ratio Lower Upper

88 100

58 89.0 68.7 103.1

43 135.3 104.3 156.5

57 726.2 560.7 841.1

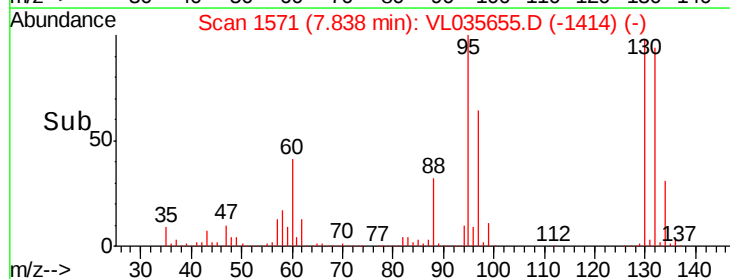
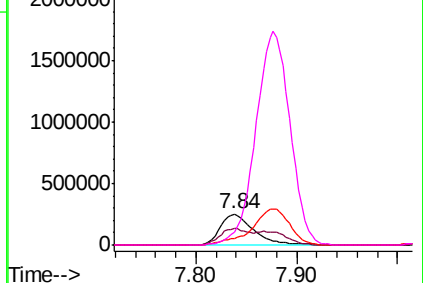


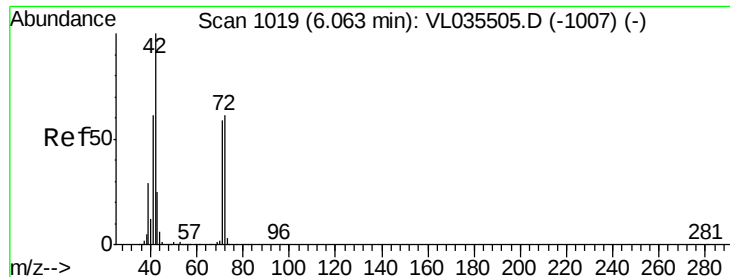
Abundance Ion 88.10 (87.80 to 88.80): VL0

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: 11.363 ppbv

RT: 6.05 min Scan# 1015

Delta R.T. 0.01 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

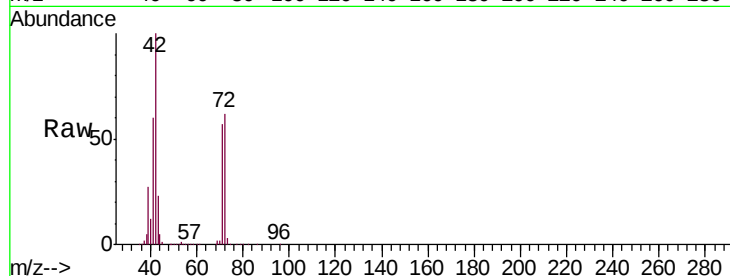
Tgt Ion: 42 Resp: 831777

Ion Ratio Lower Upper

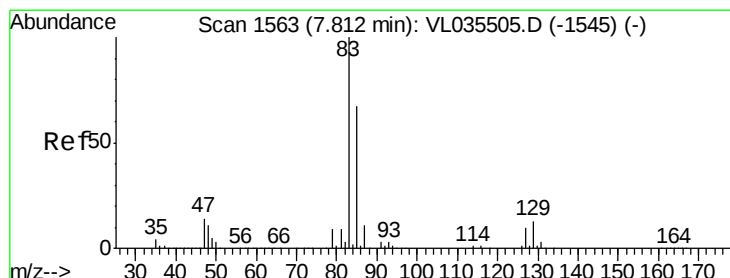
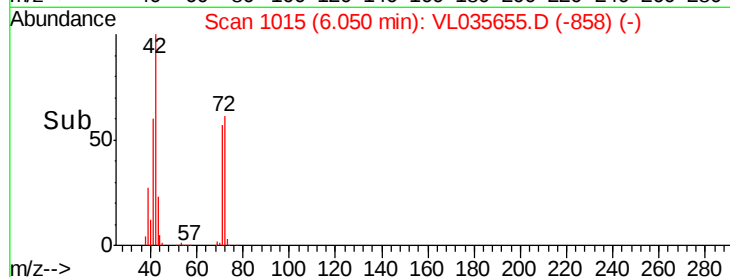
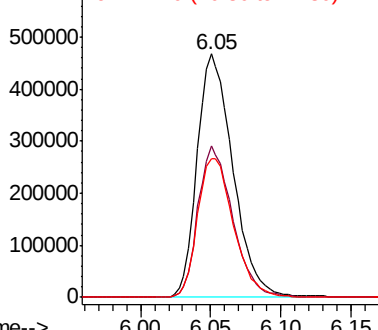
42 100

72 60.3 48.6 73.0

71 57.8 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: 11.030 ppbv

RT: 7.80 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

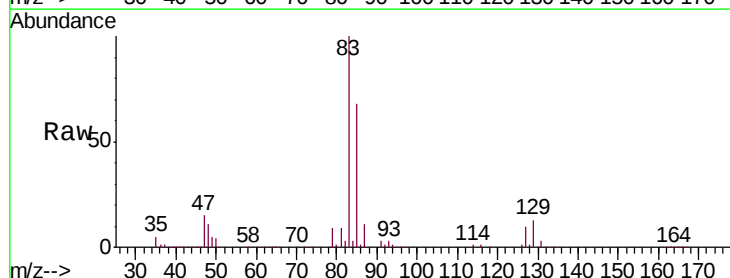
Tgt Ion: 83 Resp: 2560568

Ion Ratio Lower Upper

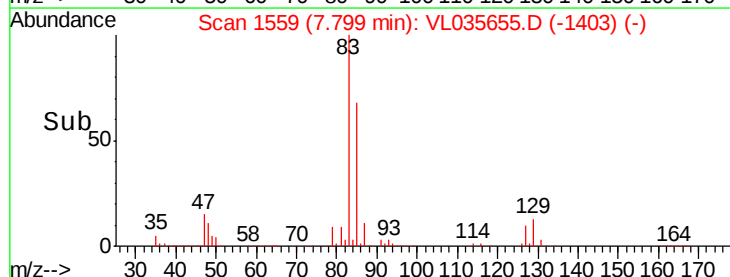
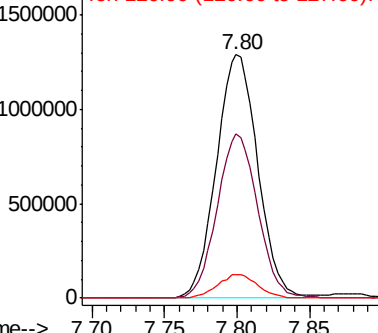
83 100

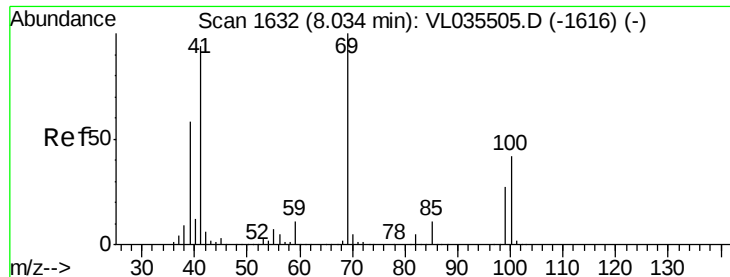
85 67.7 53.7 80.5

127 9.7 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

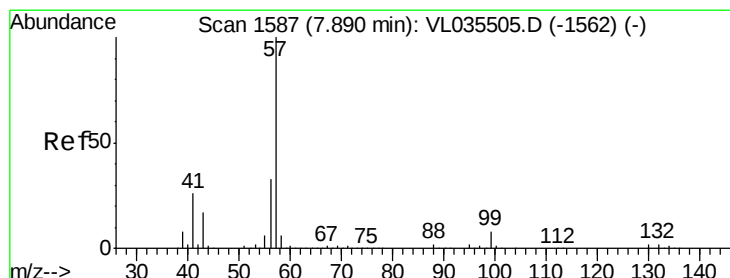
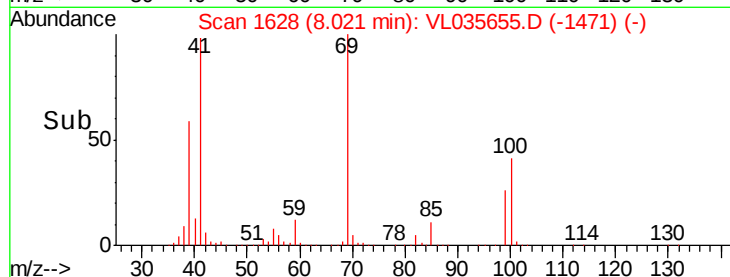
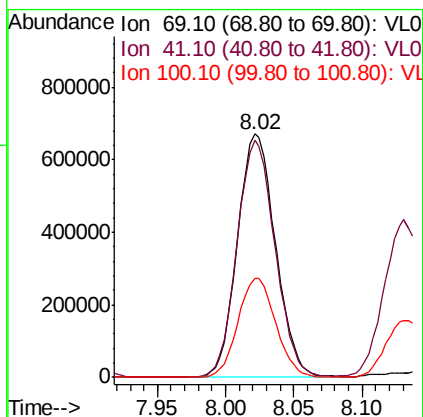
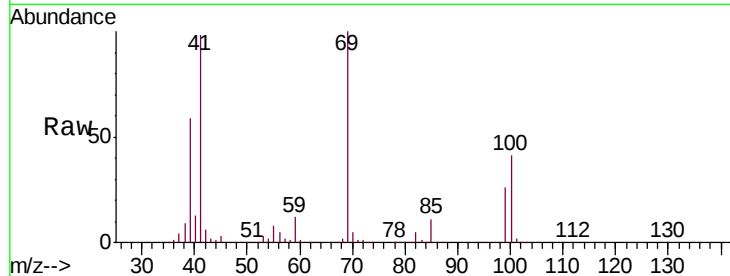




#43
Methyl Methacrylate
Concen: 11.177 ppbv
RT: 8.02 min Scan# 1628
Delta R.T. 0.01 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

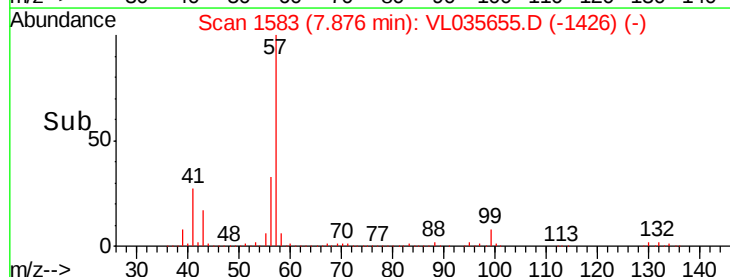
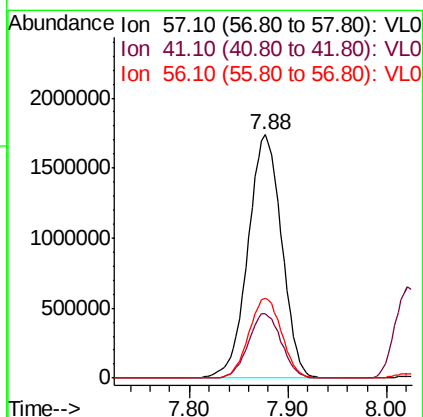
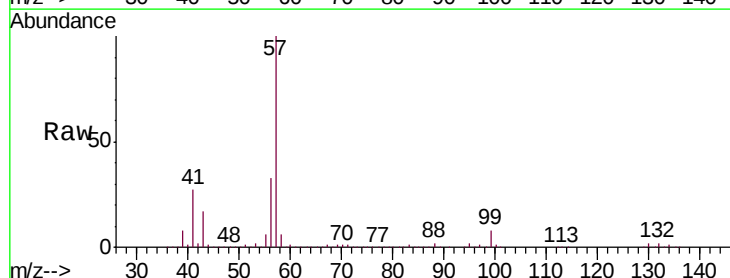
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

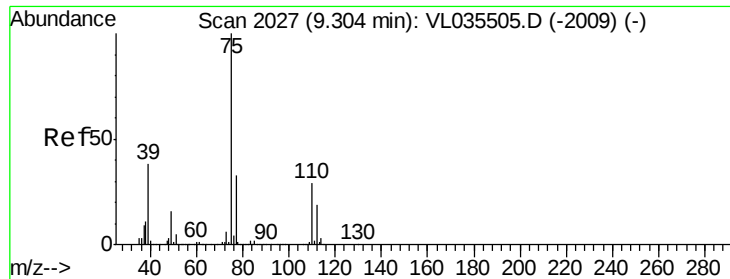
Tgt Ion: 69 Resp: 1301310
Ion Ratio Lower Upper
69 100
41 97.1 76.6 114.8
100 40.4 33.8 50.6



#44
2,2,4-Trimethylpentane
Concen: 10.335 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. 0.01 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

Tgt Ion: 57 Resp: 4094513
Ion Ratio Lower Upper
57 100
41 25.9 20.5 30.7
56 31.9 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 12.413 ppbv

RT: 9.29 min Scan# 2022

Delta R.T. 0.00 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

Instrument :

MSVOA_L

ClientSampleId :

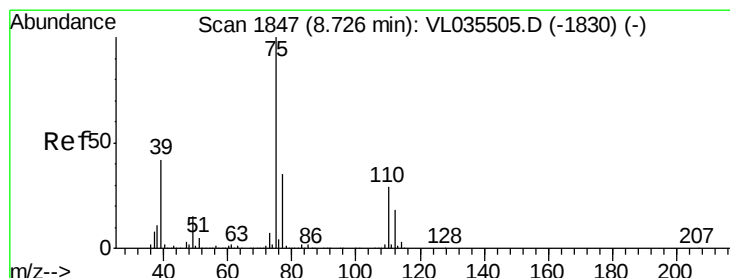
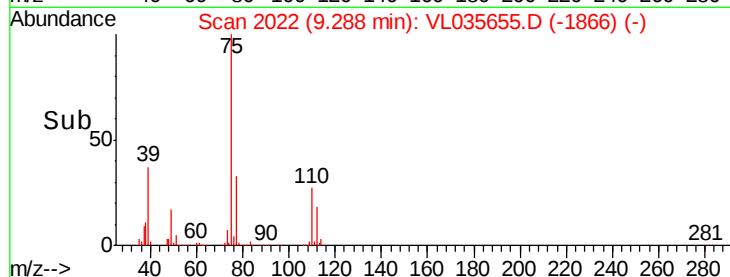
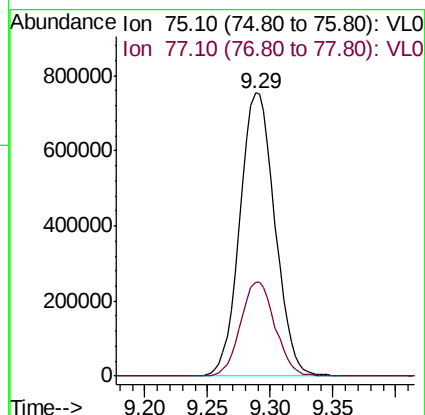
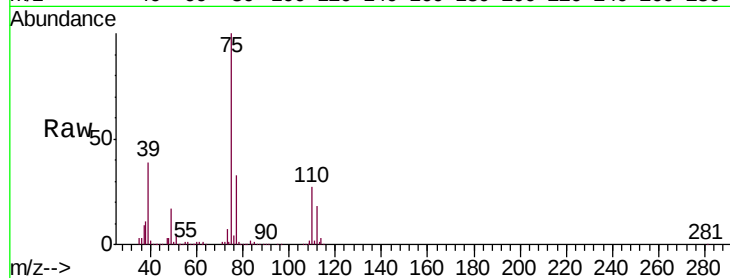
VSTDCCC010

Tgt Ion: 75 Resp: 1464101

Ion Ratio Lower Upper

75 100

77 33.0 26.5 39.7



#46

cis-1,3-Dichloropropene

Concen: 11.954 ppbv

RT: 8.71 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

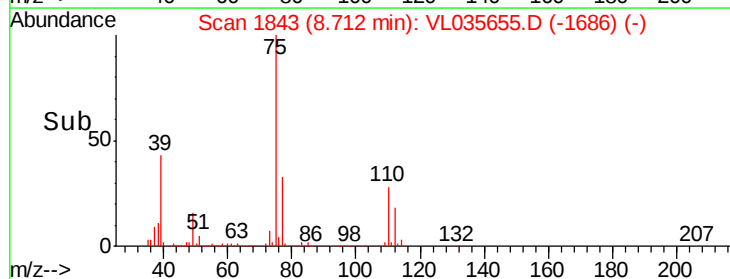
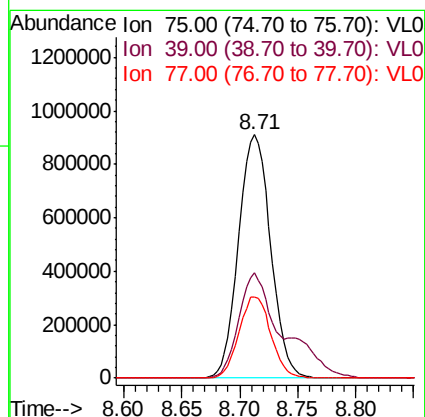
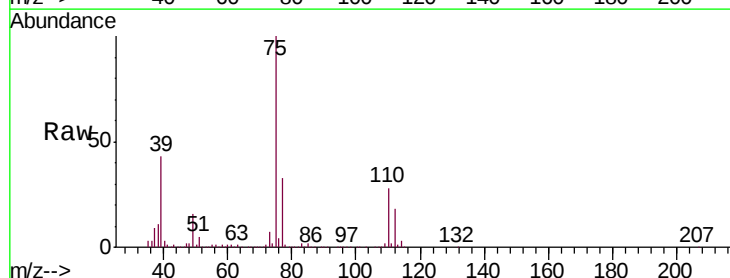
Tgt Ion: 75 Resp: 1750607

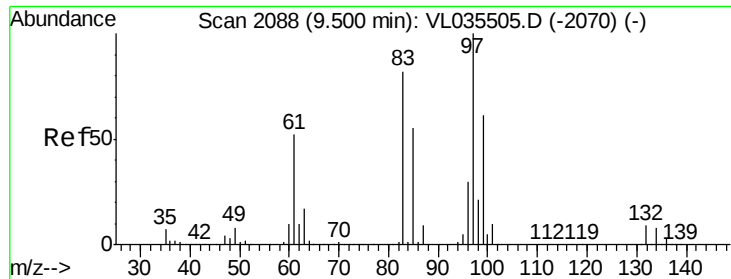
Ion Ratio Lower Upper

75 100

39 43.1 33.7 50.5

77 33.1 27.8 41.6



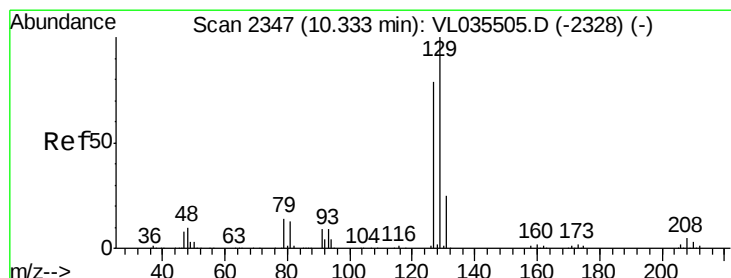
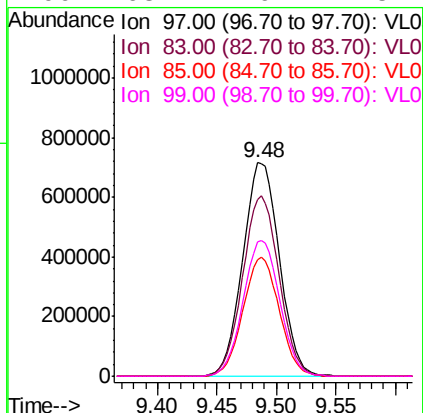
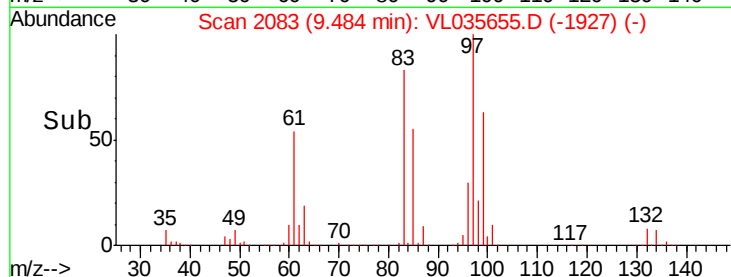
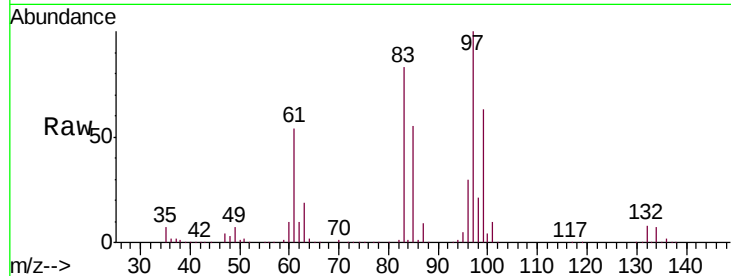


#47
 1,1,2-Trichloroethane
 Concen: 10.186 ppbv
 RT: 9.48 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 97 Resp: 1528812

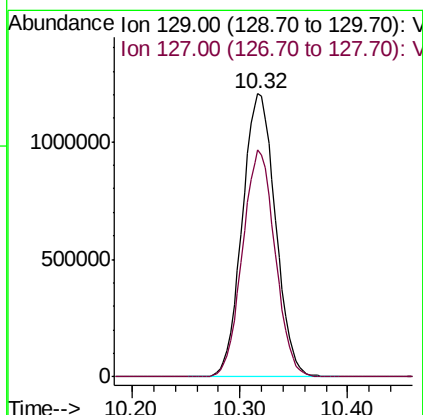
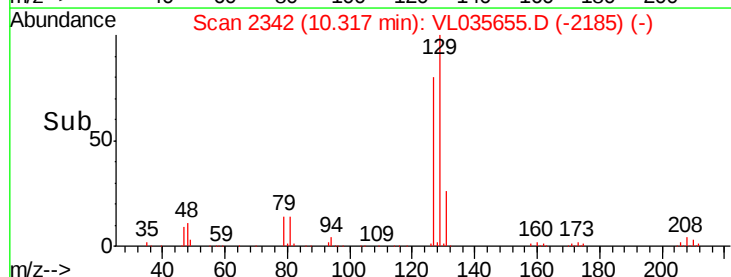
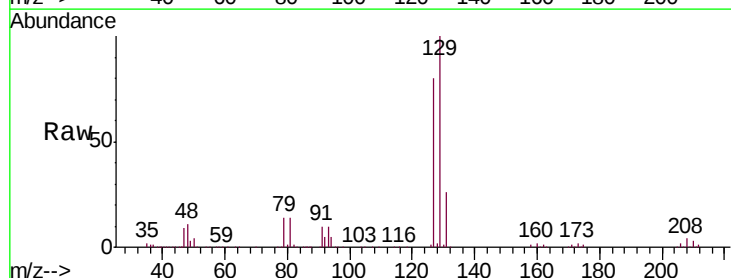
Ion	Ratio	Lower	Upper
97	100		
83	82.8	65.4	98.2
85	54.7	43.7	65.5
99	63.1	49.1	73.7

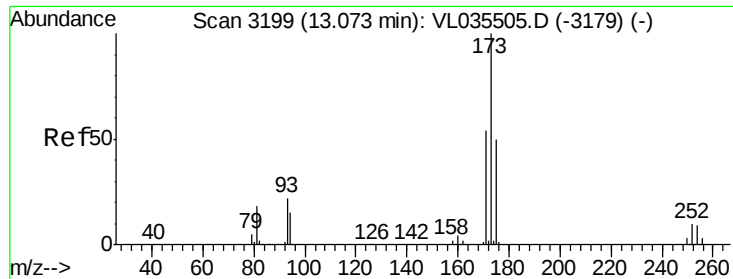


#48
 Dibromochloromethane
 Concen: 10.911 ppbv
 RT: 10.32 min Scan# 2342
 Delta R.T. 0.01 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

Tgt Ion: 129 Resp: 2577338

Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.3	117.8





#49

Bromoform

Concen: 10.885 ppbv

RT: 13.06 min Scan# 3195

Delta R.T. 0.01 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

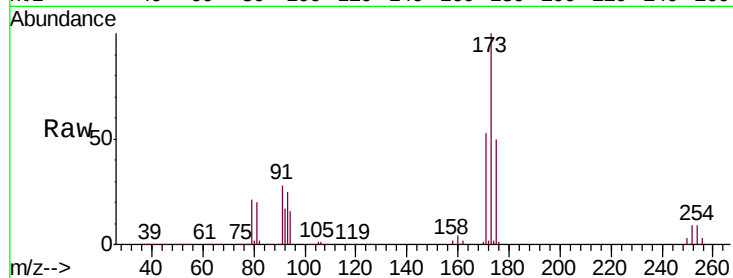
Tgt Ion:173 Resp: 2330335

Ion Ratio Lower Upper

173 100

175 49.8 39.8 59.8

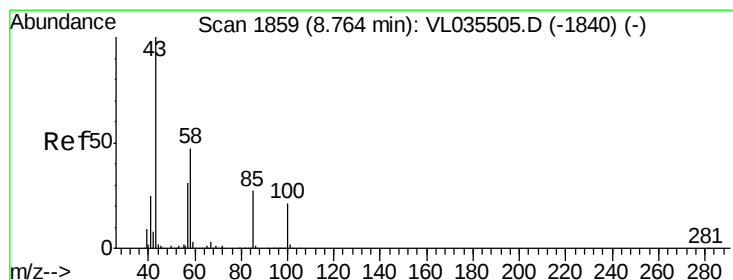
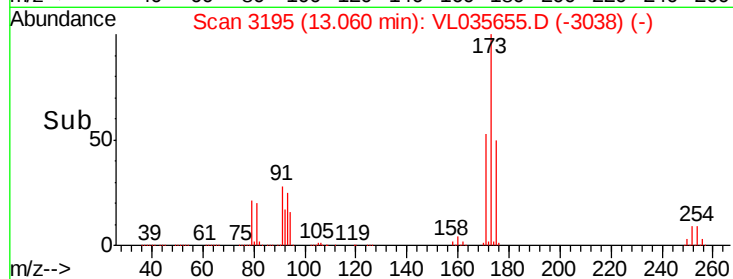
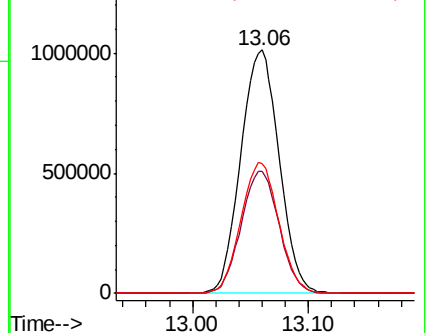
171 53.3 42.4 63.6



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: 10.721 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VL035655.D

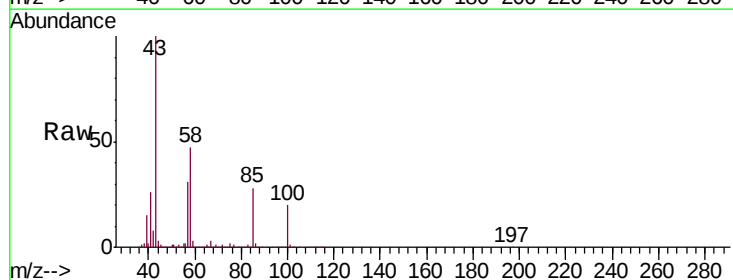
Acq: 17 Sep 2020 12:16

Tgt Ion: 43 Resp: 2143021

Ion Ratio Lower Upper

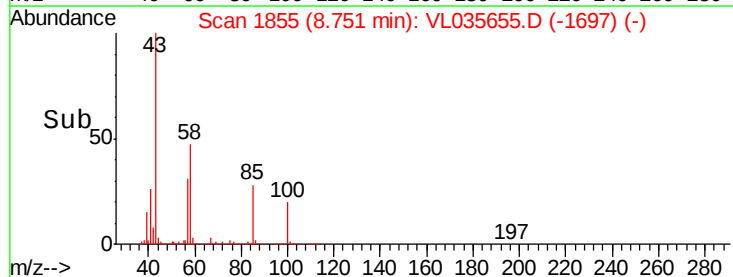
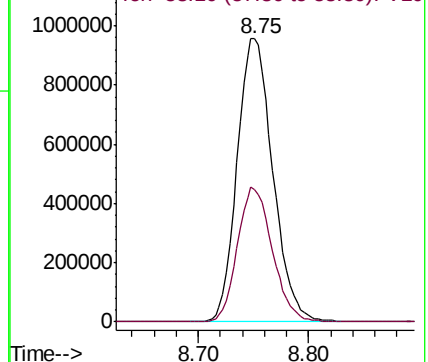
43 100

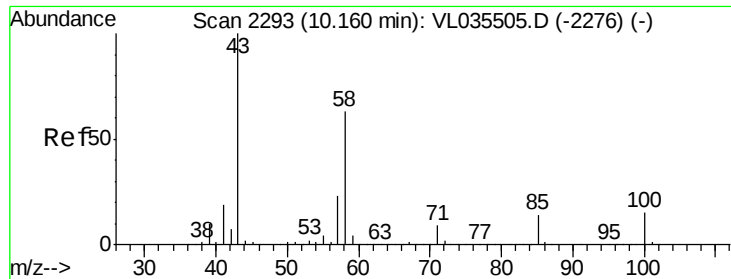
58 46.7 37.4 56.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

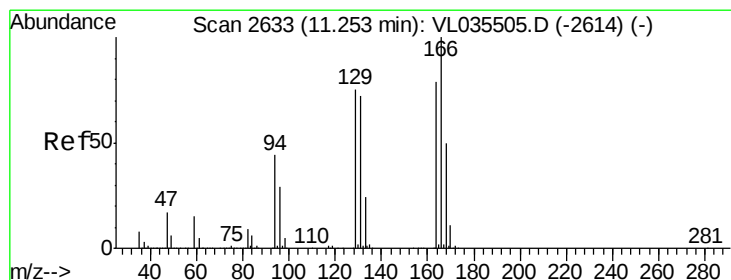
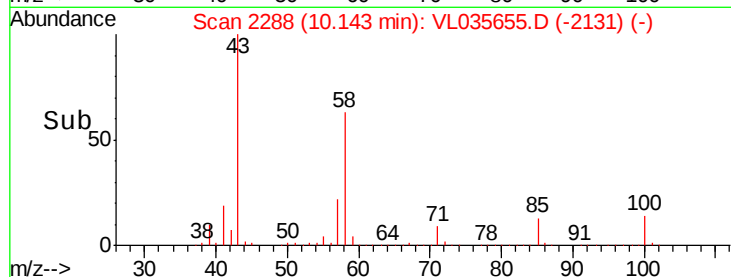
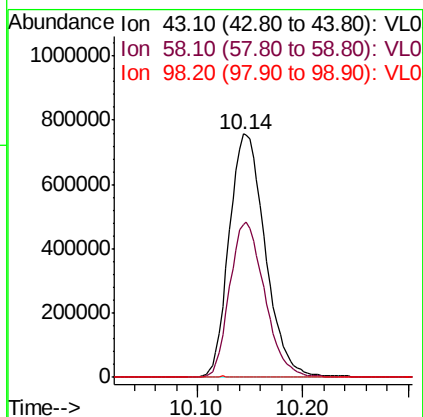
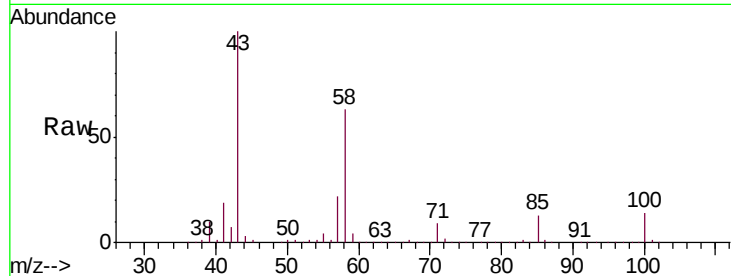




#51
2-Hexanone
Concen: 10.944 ppbv
RT: 10.14 min Scan# 2288
Delta R.T. 0.01 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

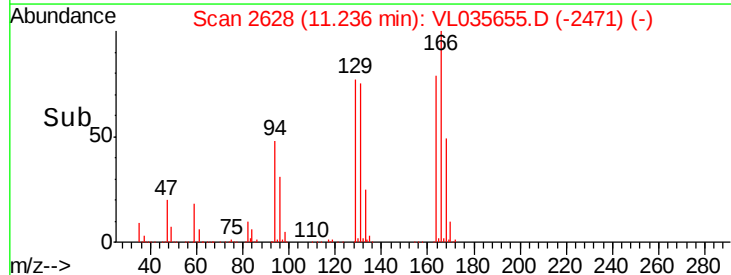
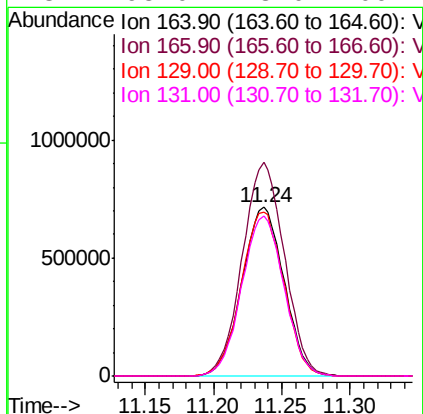
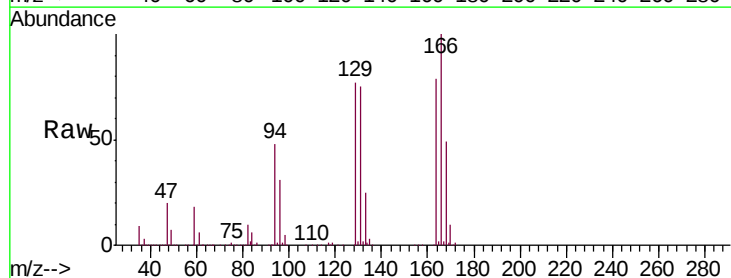
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

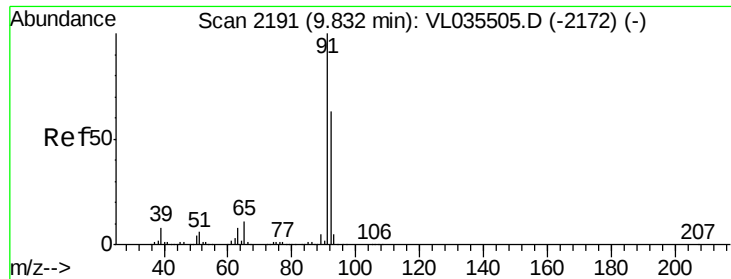
Tgt Ion: 43 Resp: 1794464
Ion Ratio Lower Upper
43 100
58 62.1 50.2 75.4
98 0.6 0.4 0.6#



#52
Tetrachloroethene
Concen: 8.721 ppbv
RT: 11.24 min Scan# 2628
Delta R.T. 0.01 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

Tgt Ion: 164 Resp: 1534126
Ion Ratio Lower Upper
164 100
166 126.4 100.9 151.3
129 97.2 75.3 112.9
131 95.0 73.0 109.4





#53

Toluene

Concen: 10.396 ppbv

RT: 9.82 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

Instrument :

MSVOA_L

ClientSampleId :

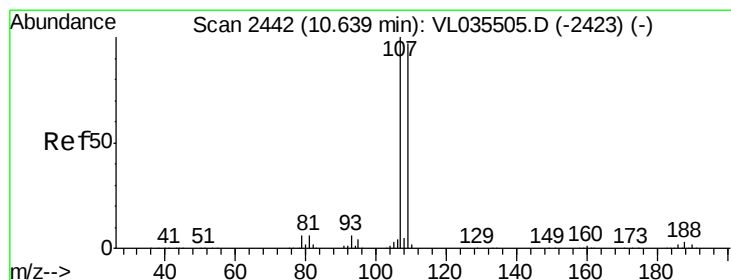
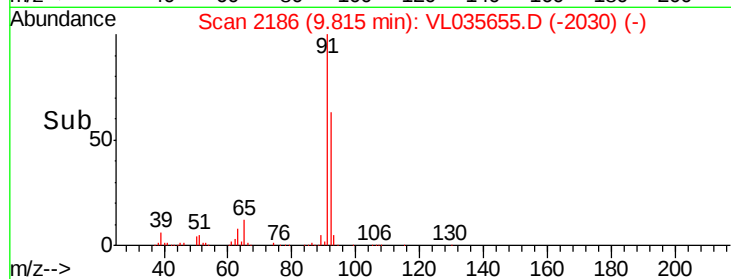
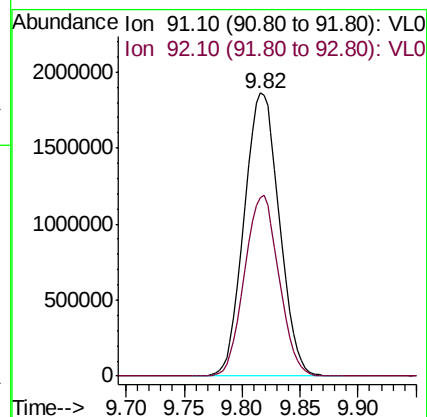
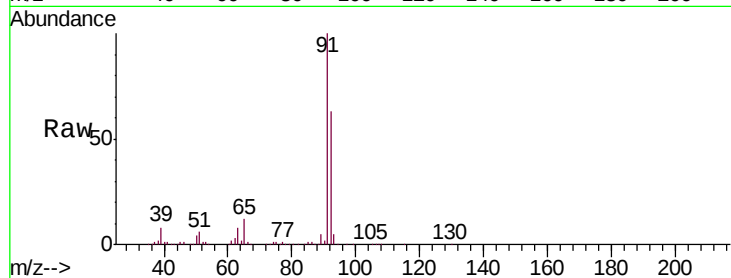
VSTDCCC010

Tgt Ion: 91 Resp: 3936487

Ion Ratio Lower Upper

91 100

92 62.5 49.8 74.8



#54

1,2-Dibromoethane

Concen: 10.185 ppbv

RT: 10.63 min Scan# 2438

Delta R.T. 0.01 min

Lab File: VL035655.D

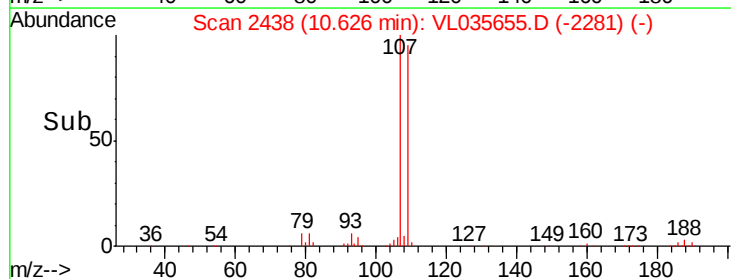
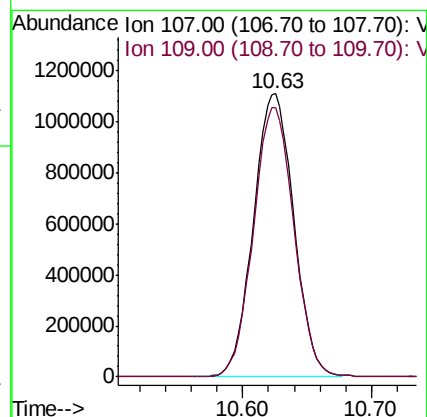
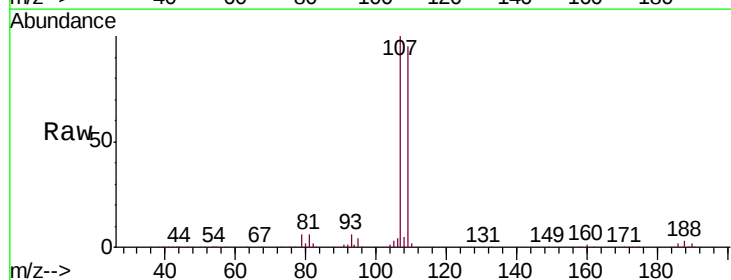
Acq: 17 Sep 2020 12:16

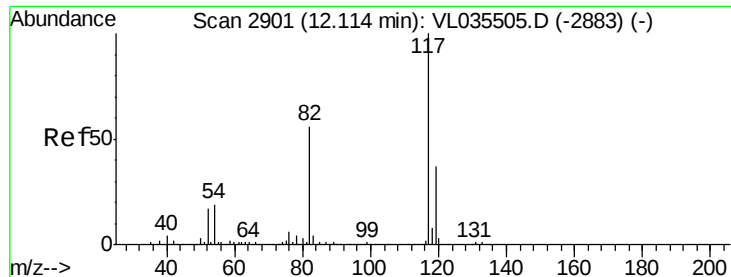
Tgt Ion: 107 Resp: 2415557

Ion Ratio Lower Upper

107 100

109 95.3 77.8 116.8

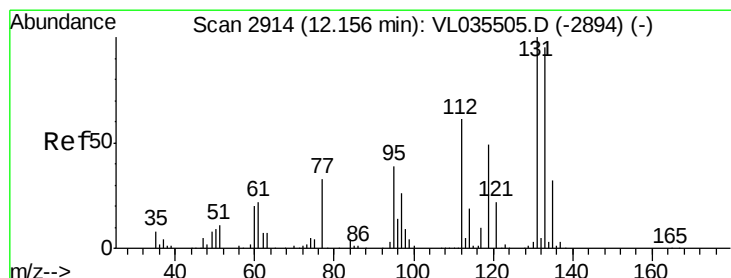
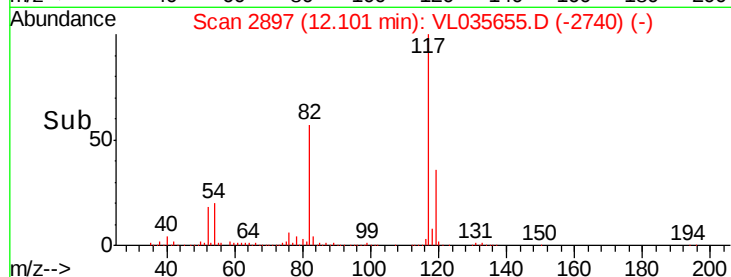
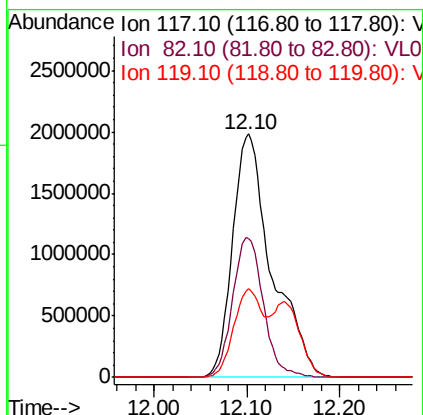
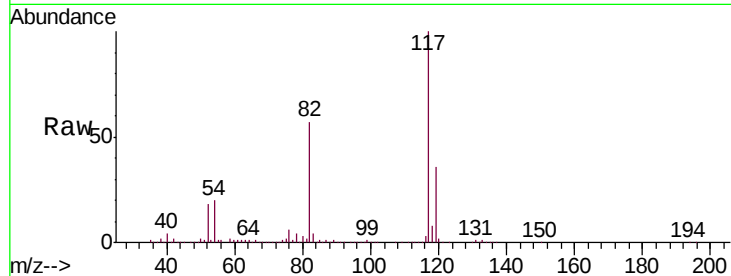




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.01 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

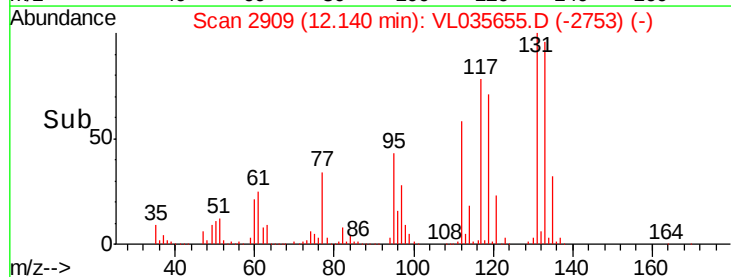
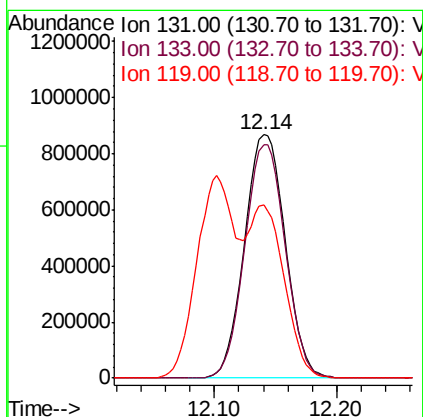
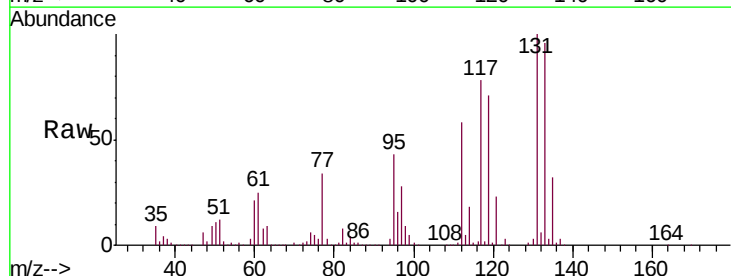
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

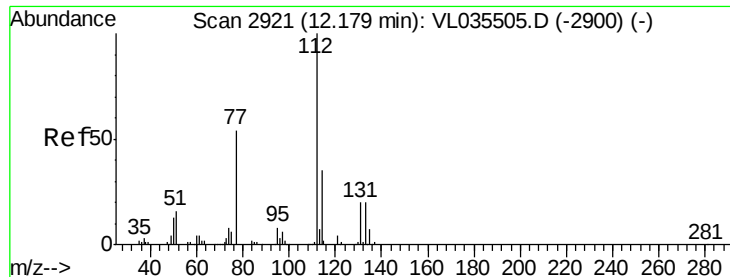
Tgt Ion:117 Resp: 5831661
Ion Ratio Lower Upper
117 100
82 45.2 41.6 62.4
119 29.8 29.3 43.9



#56
1,1,1,2-Tetrachloroethane
Concen: 8.443 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. 0.00 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

Tgt Ion:131 Resp: 2003466
Ion Ratio Lower Upper
131 100
133 95.7 76.6 115.0
119 61.7 51.6 77.4

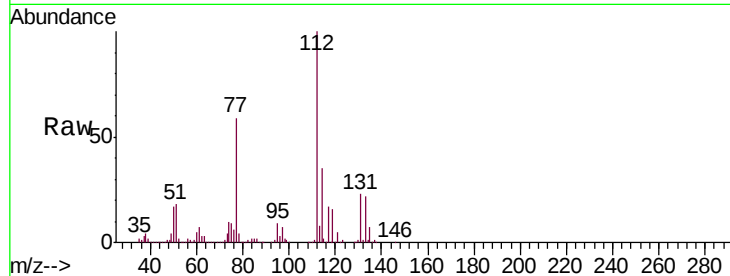




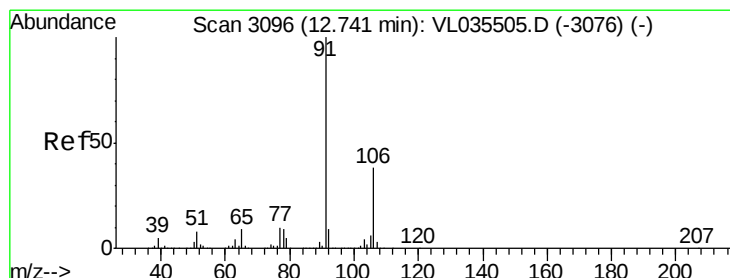
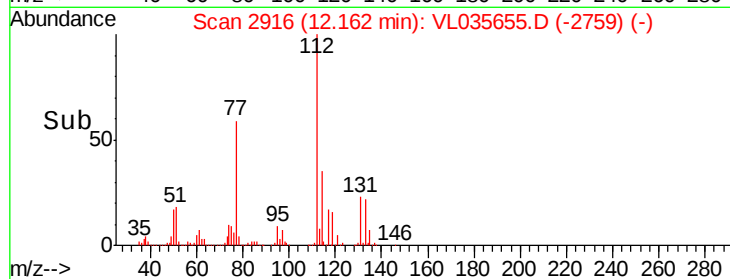
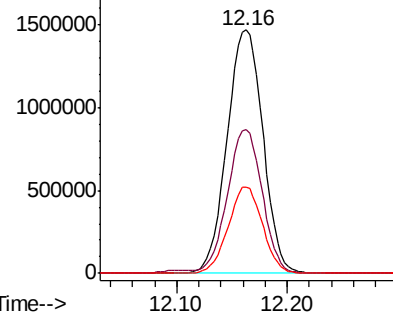
#57
Chlorobenzene
Concen: 7.736 ppbv
RT: 12.16 min Scan# 2916
Delta R.T. 0.01 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 112 Resp: 3320179
Ion Ratio Lower Upper
112 100
77 59.1 44.2 66.4
114 35.4 31.6 38.6

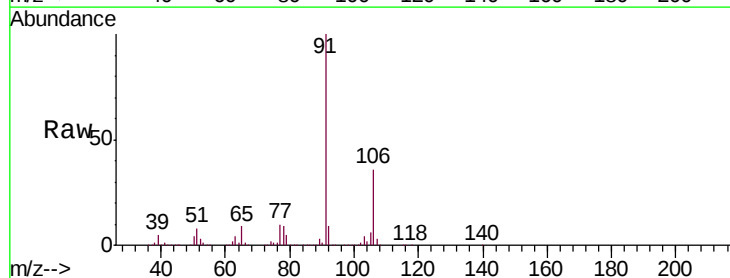


Abundance Ion 112.10 (111.80 to 112.80): V
2000000 Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

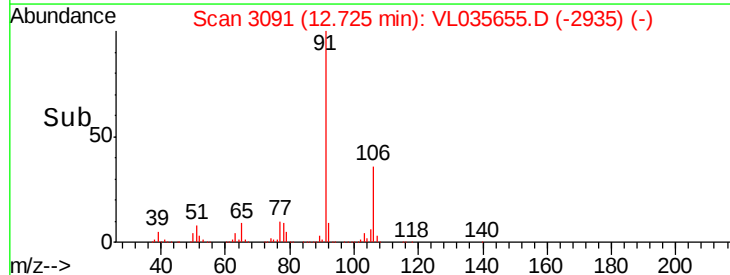
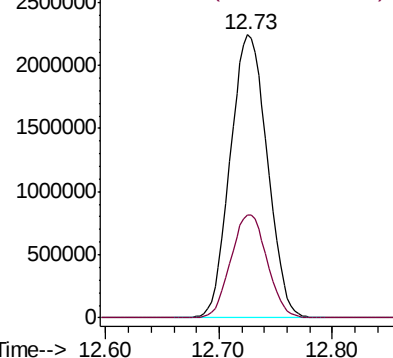


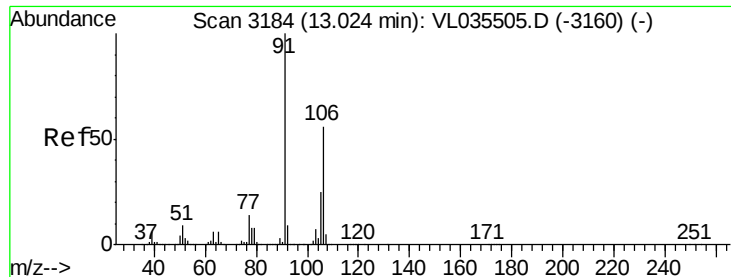
#58
Ethyl Benzene
Concen: 8.478 ppbv
RT: 12.73 min Scan# 3091
Delta R.T. 0.00 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

Tgt Ion: 91 Resp: 5098300
Ion Ratio Lower Upper
91 100
106 36.5 30.3 45.5



Abundance Ion 91.10 (90.80 to 91.80): VL0
2500000 Ion 106.10 (105.80 to 106.80): V

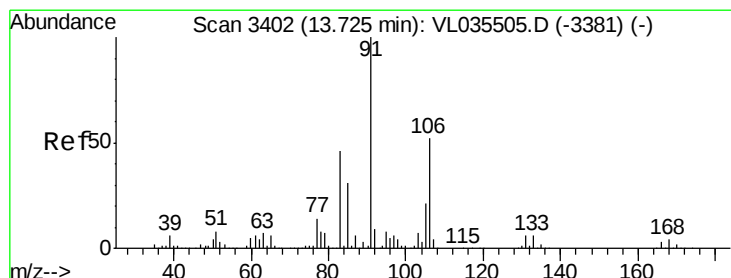
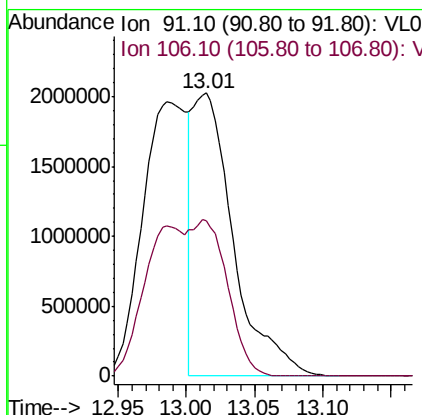
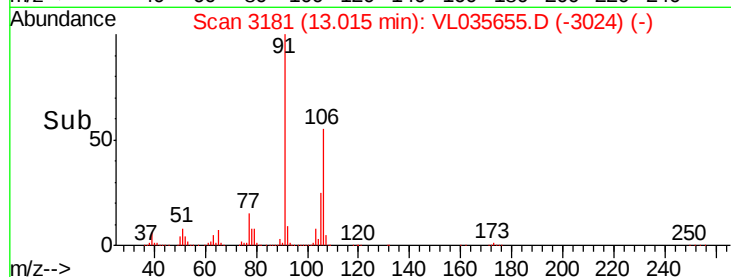
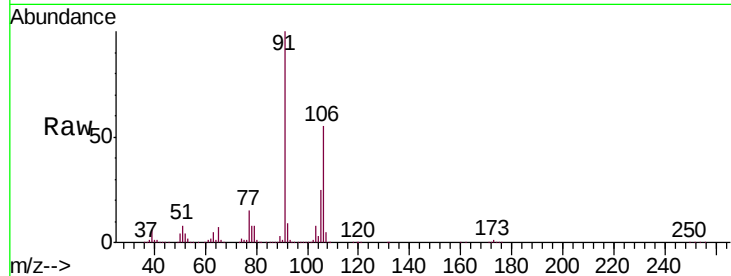




#59
m/p-Xylene
Concen: 8.294 ppbv
RT: 13.01 min Scan# 3181
Delta R.T. 0.01 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

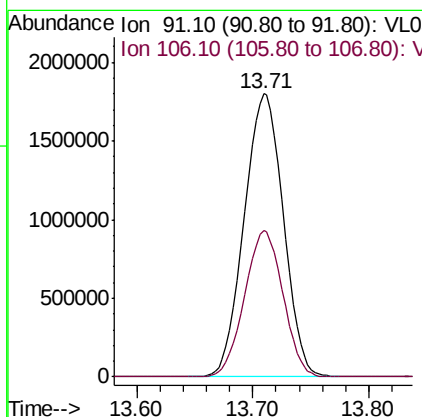
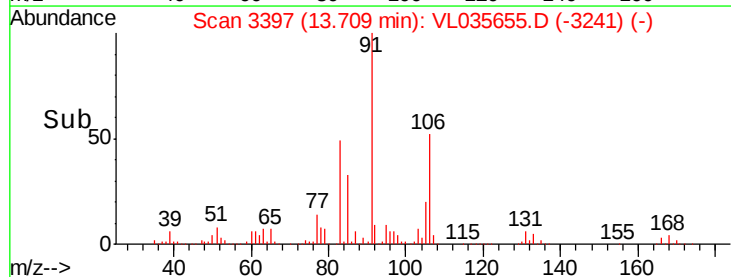
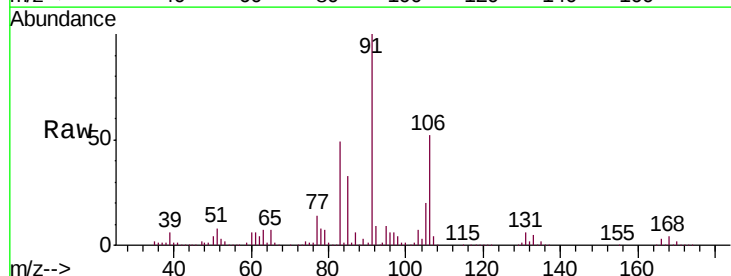
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

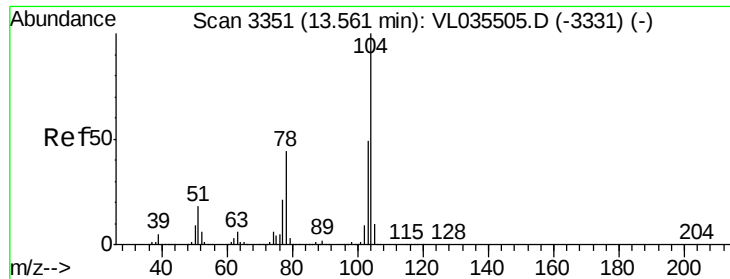
Tgt Ion: 91 Resp: 4167718
Ion Ratio Lower Upper
91 100
106 105.5 43.4 65.2#



#60
o-Xylene
Concen: 8.365 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. 0.00 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

Tgt Ion: 91 Resp: 4233354
Ion Ratio Lower Upper
91 100
106 50.7 25.8 77.4

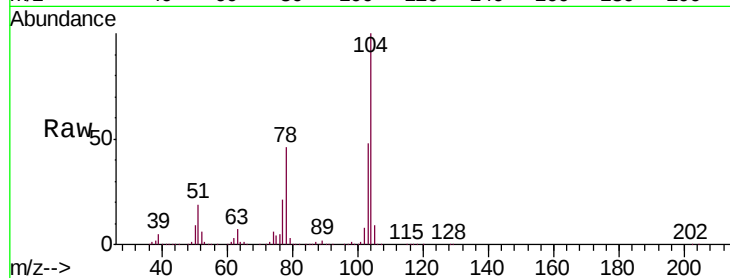




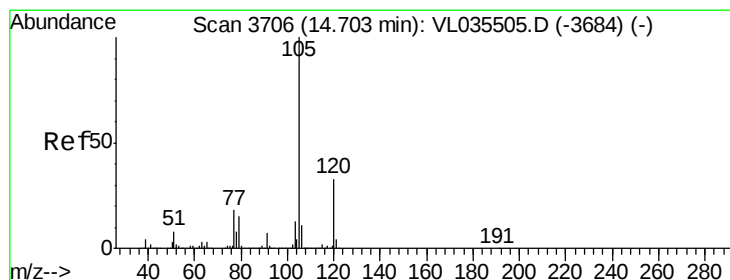
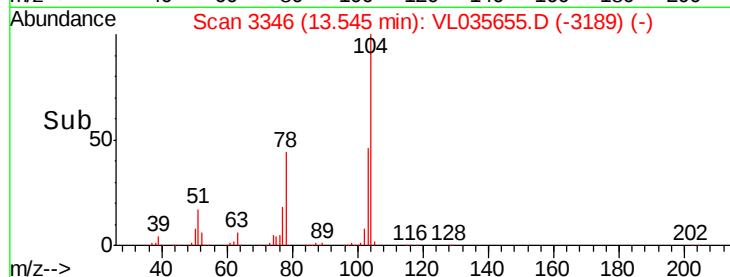
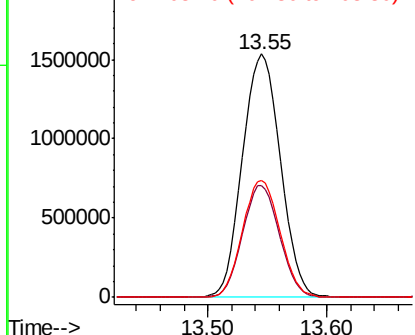
#61
Styrene
Concen: 8.790 ppbv
RT: 13.55 min Scan# 3346
Delta R.T. 0.01 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 3402178
Ion Ratio Lower Upper
104 100
78 45.0 34.8 52.2
103 47.6 38.2 57.4

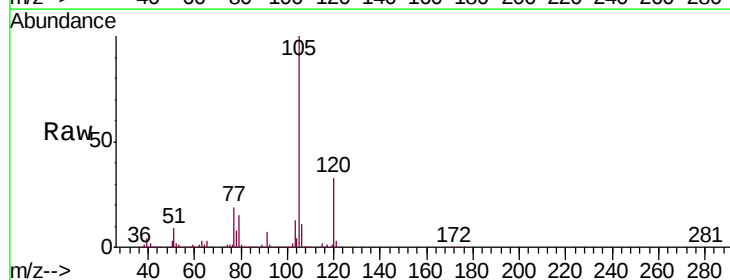


Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V

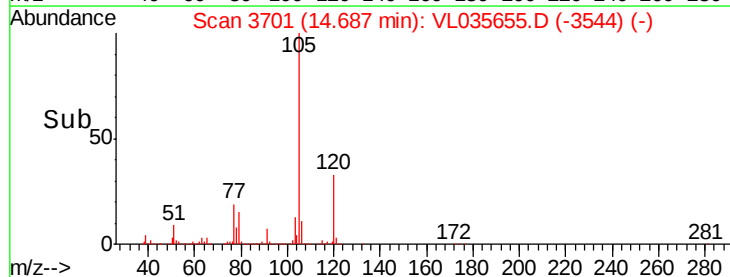
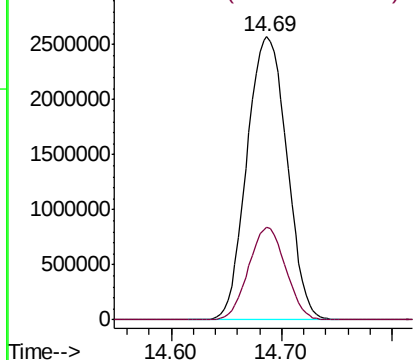


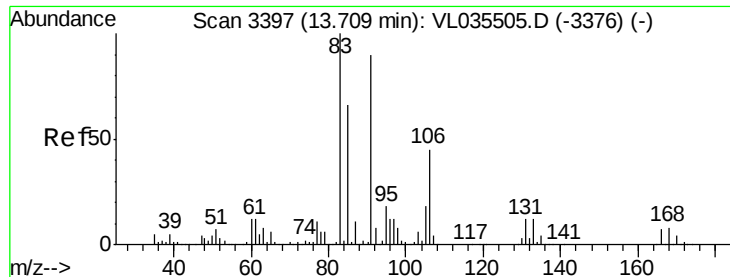
#62
Isopropylbenzene
Concen: 7.941 ppbv
RT: 14.69 min Scan# 3701
Delta R.T. 0.01 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

Tgt Ion:105 Resp: 6455938
Ion Ratio Lower Upper
105 100
120 30.4 25.0 37.4



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V

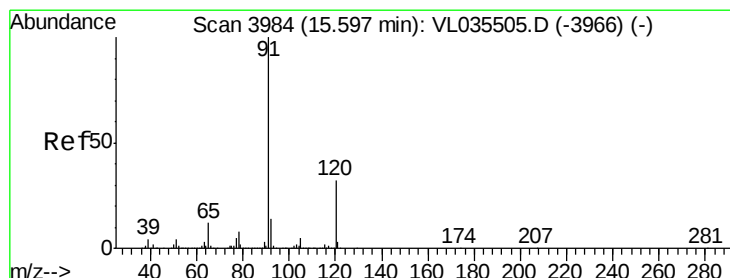
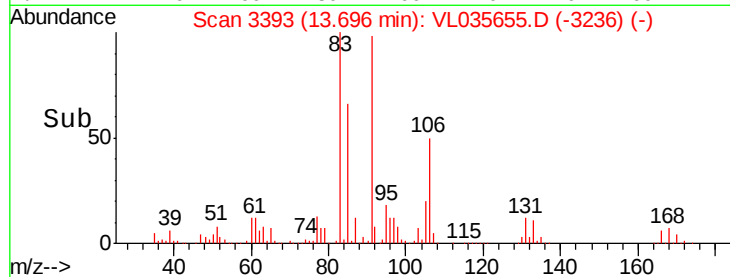
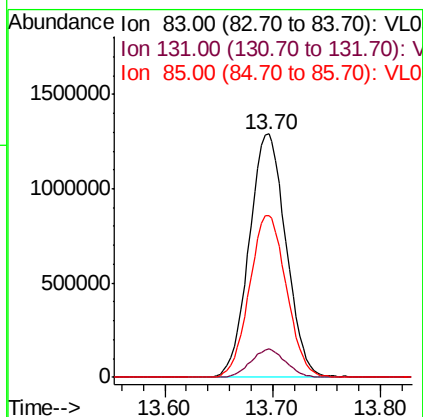
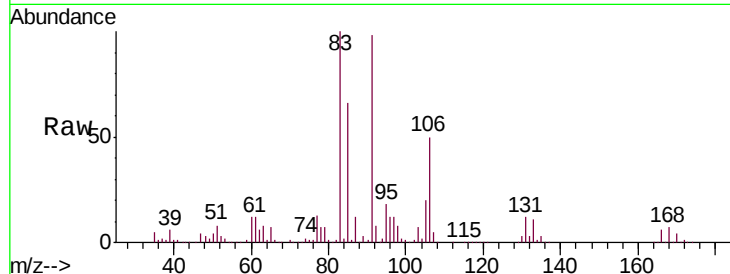




#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.799 ppbv
 RT: 13.70 min Scan# 3393
 Delta R.T. 0.01 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

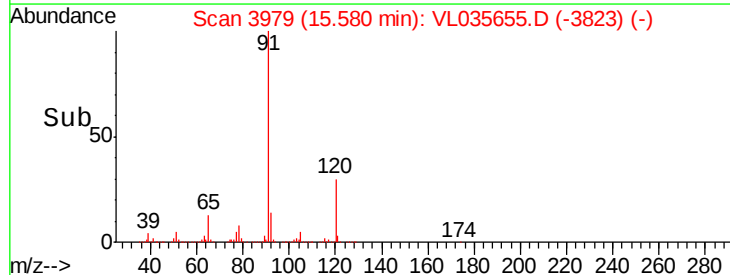
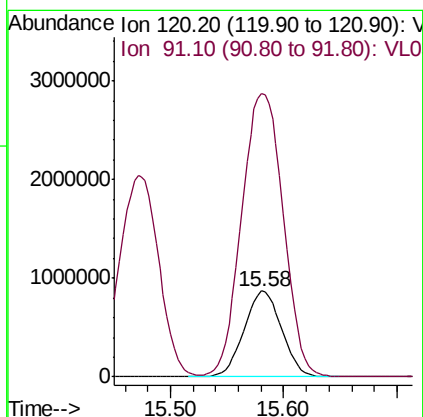
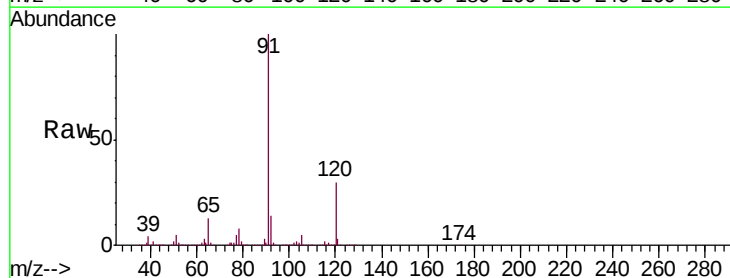
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

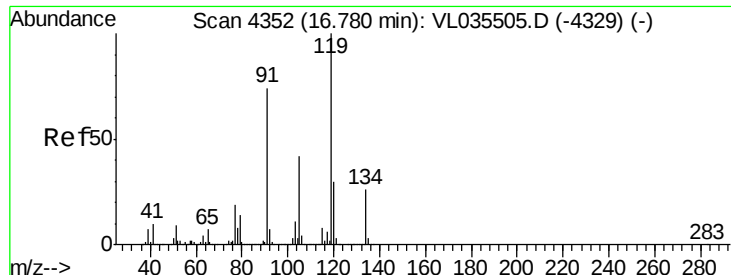
Tgt Ion: 83 Resp: 3060145
 Ion Ratio Lower Upper
 83 100
 131 11.1 6.0 18.0
 85 66.9 33.4 100.2



#64
 n-propylbenzene
 Concen: 8.071 ppbv
 RT: 15.58 min Scan# 3979
 Delta R.T. 0.00 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

Tgt Ion: 120 Resp: 2002478
 Ion Ratio Lower Upper
 120 100
 91 366.8 279.4 419.0

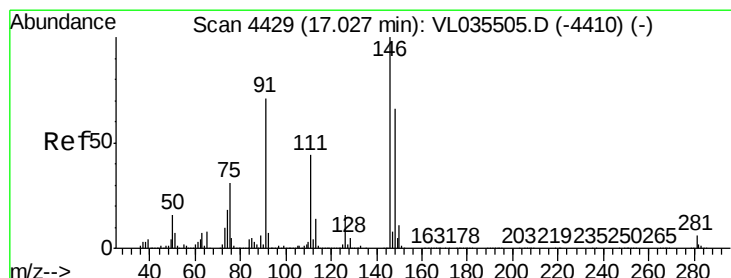
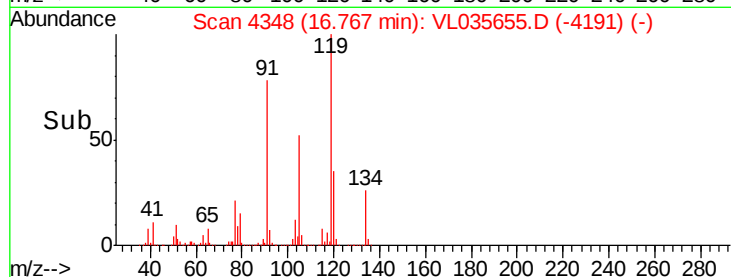
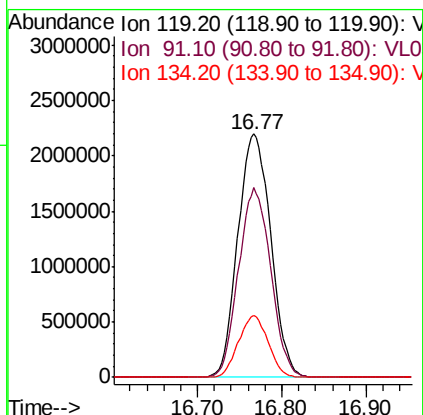
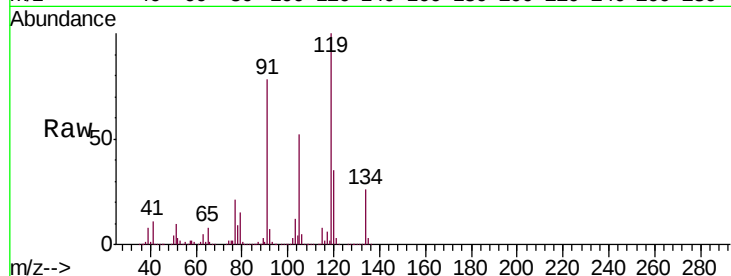




#65
 tert-Butylbenzene
 Concen: 7.923 ppbv
 RT: 16.77 min Scan# 4348
 Delta R.T. 0.01 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

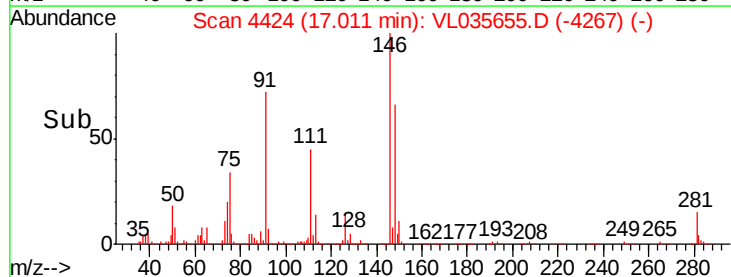
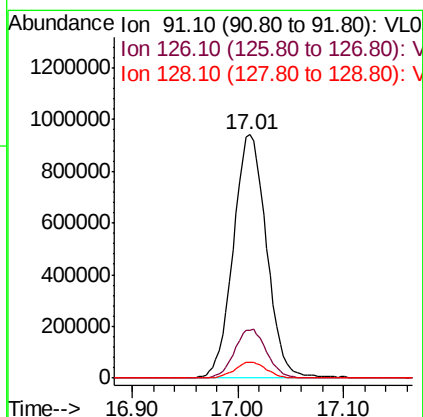
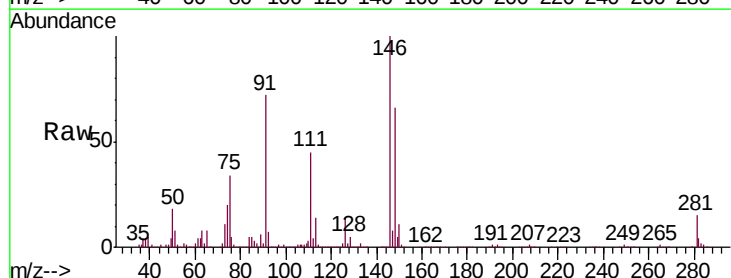
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

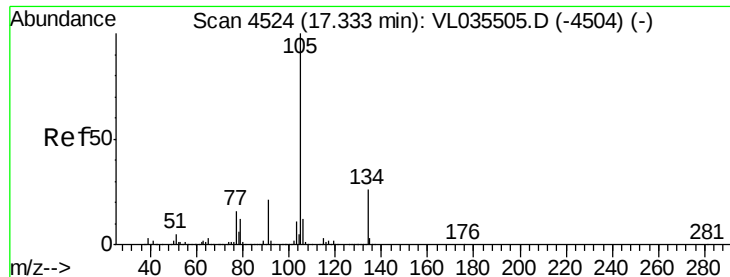
Tgt Ion: 119 Resp: 5987592
 Ion Ratio Lower Upper
 119 100
 91 76.0 58.6 87.8
 134 23.0 18.9 28.3



#66
 Benzyl Chloride
 Concen: 10.923 ppbv
 RT: 17.01 min Scan# 4424
 Delta R.T. 0.01 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

Tgt Ion: 91 Resp: 2051591
 Ion Ratio Lower Upper
 91 100
 126 19.6 17.2 25.8
 128 6.3 5.5 8.3





#67

sec-Butylbenzene

Concen: 7.879 ppbv

RT: 17.32 min Scan# 4519

Delta R.T. 0.00 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

Instrument :

MSVOA_L

ClientSampleId :

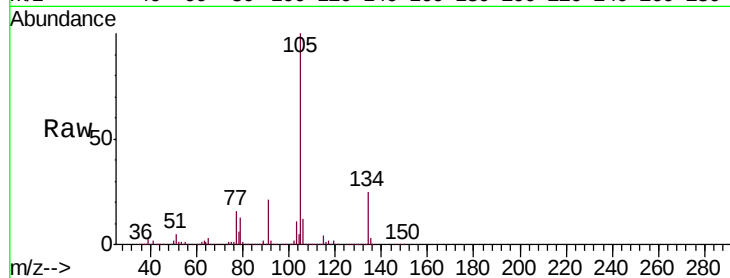
VSTDCCC010

Tgt Ion:105 Resp: 7932462

Ion Ratio Lower Upper

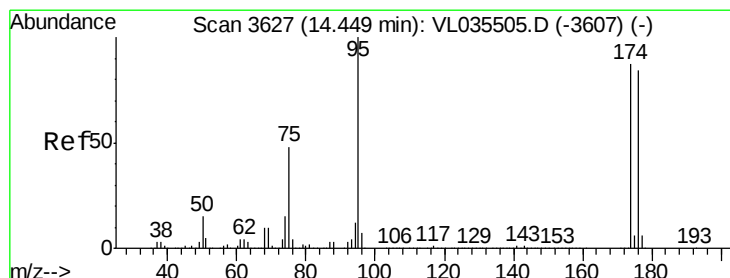
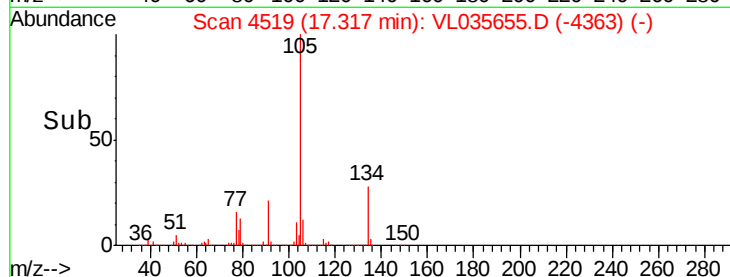
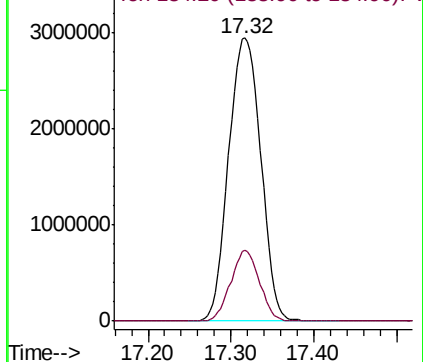
105 100

134 22.4 19.1 28.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.154 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. 0.00 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

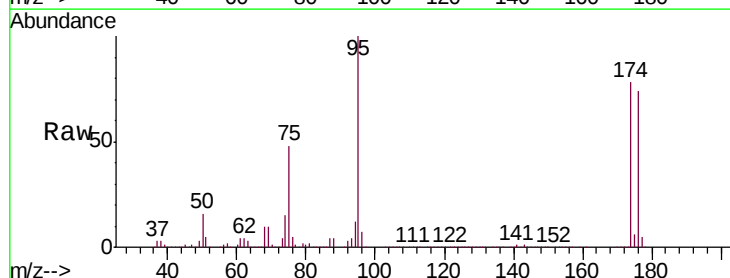
Tgt Ion: 95 Resp: 3376664

Ion Ratio Lower Upper

95 100

174 78.3 69.6 104.4

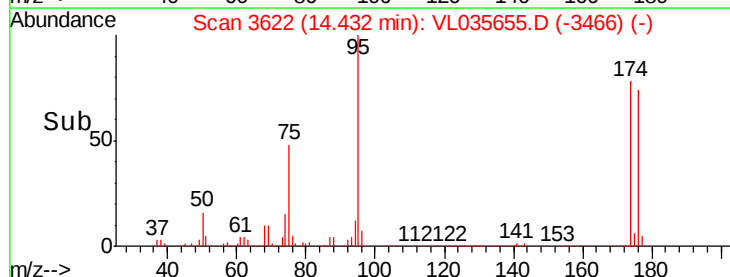
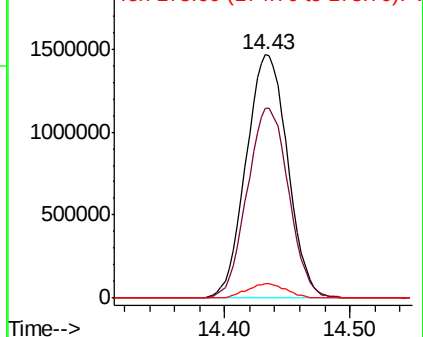
175 5.7 5.1 7.7

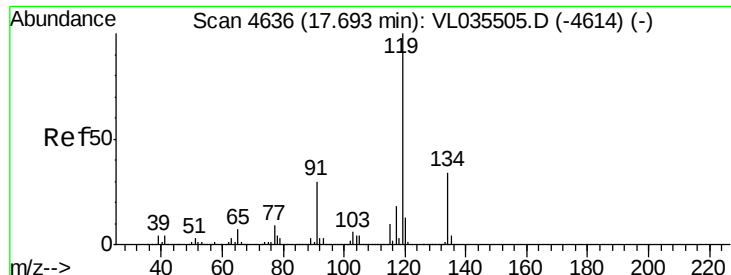


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

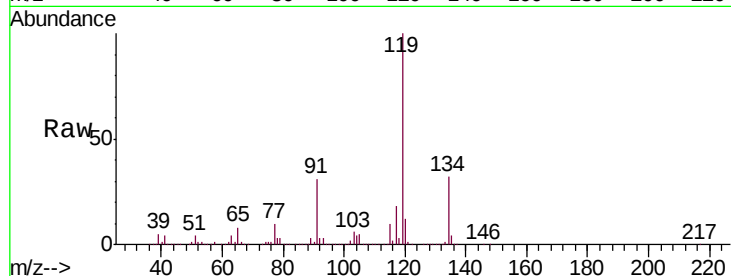




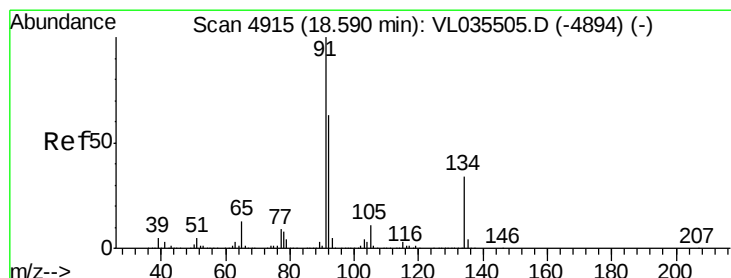
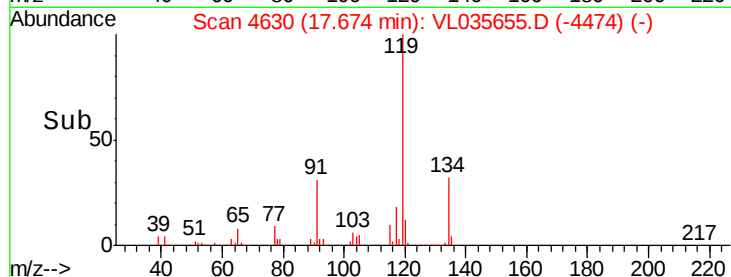
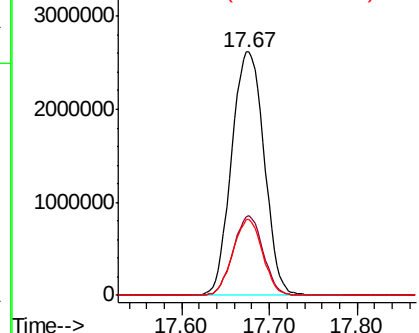
#69
 p-Isopropyltoluene
 Concen: 7.656 ppbv
 RT: 17.67 min Scan# 4630
 Delta R.T. 0.00 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 119 Resp: 6761964
 Ion Ratio Lower Upper
 119 100
 134 30.1 25.0 37.4
 91 28.6 22.3 33.5

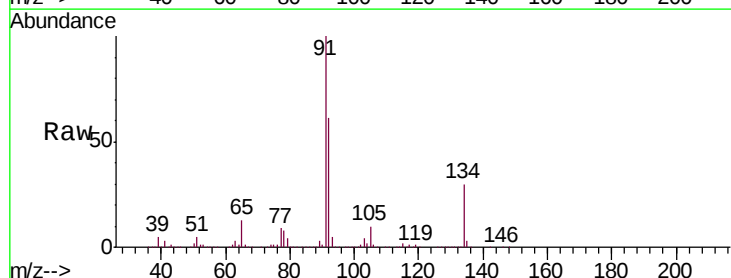


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

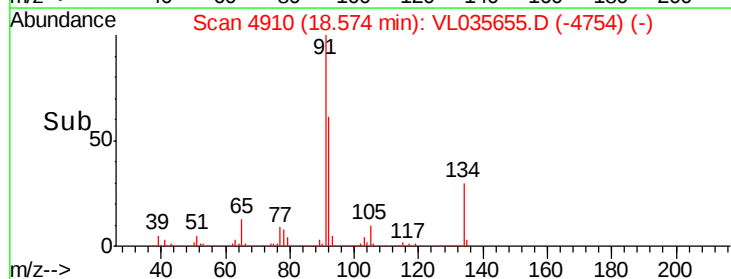
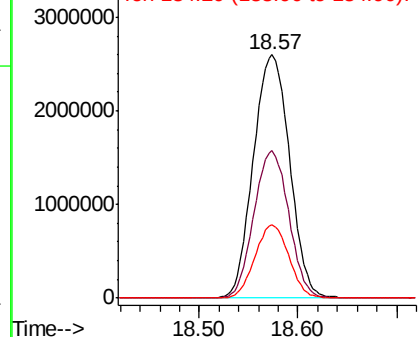


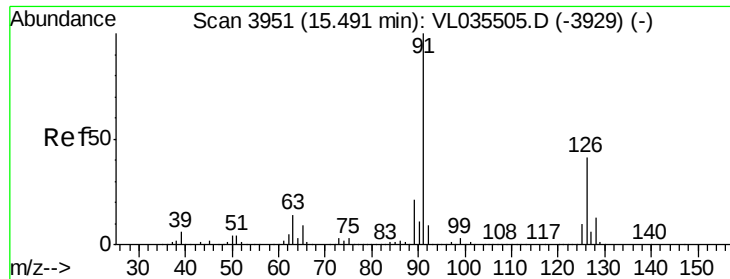
#70
 n-Butylbenzene
 Concen: 7.748 ppbv
 RT: 18.57 min Scan# 4910
 Delta R.T. 0.00 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

Tgt Ion: 91 Resp: 6591527
 Ion Ratio Lower Upper
 91 100
 92 58.4 47.3 70.9
 134 28.3 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

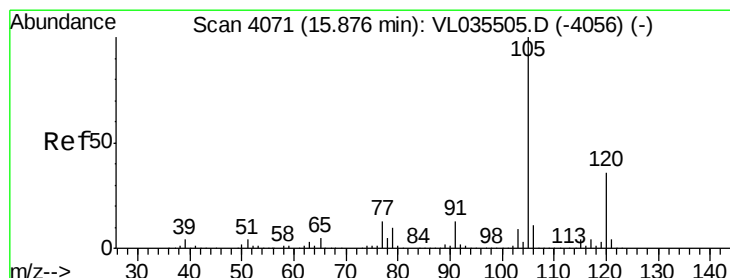
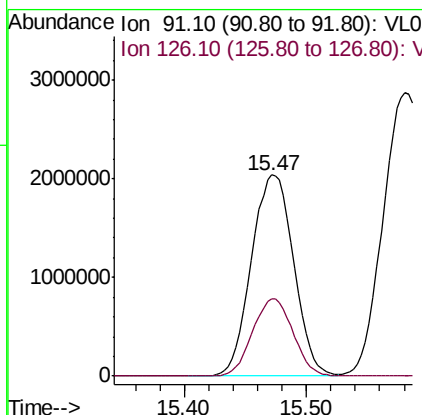
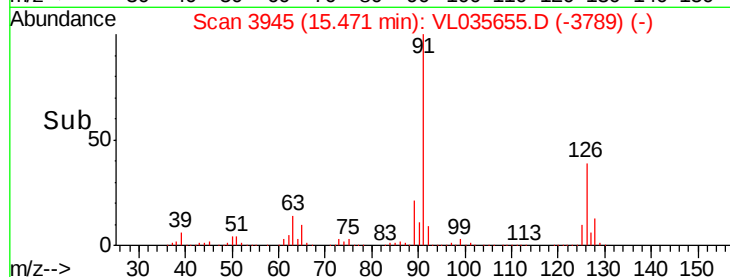
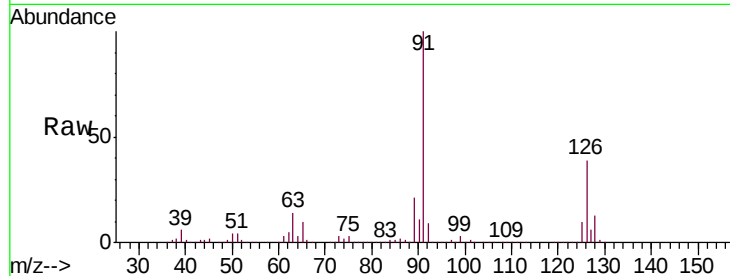




#71
 2-Chlorotoluene
 Concen: 8.289 ppbv
 RT: 15.47 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

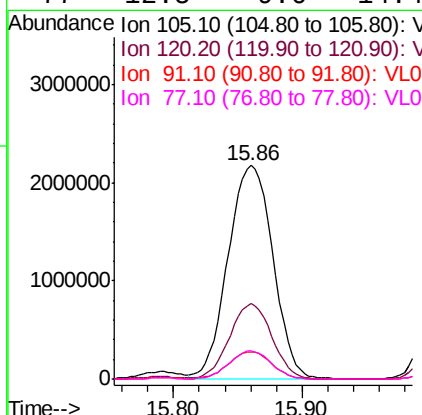
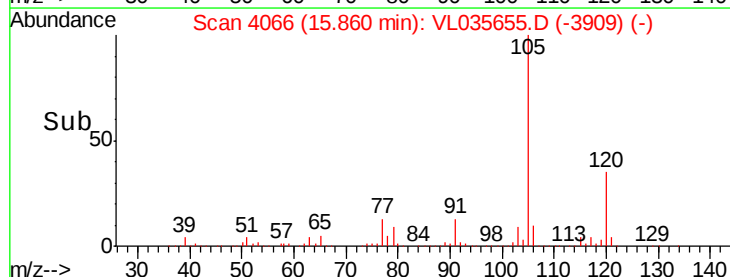
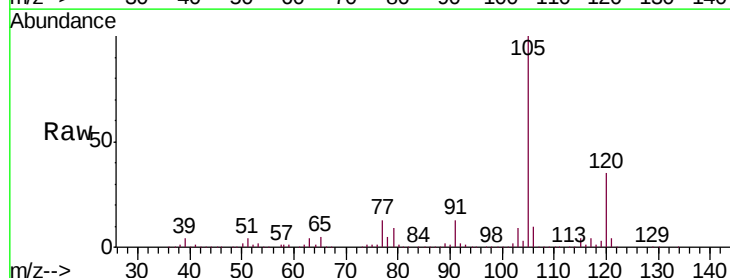
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

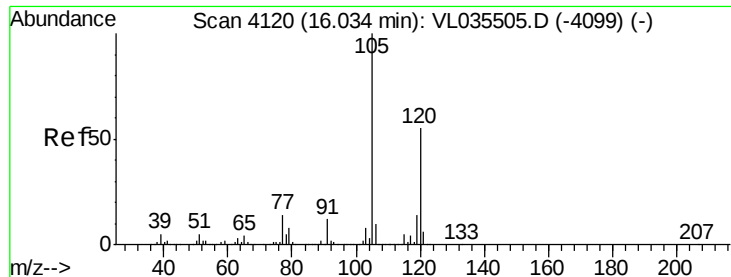
Tgt Ion: 91 Resp: 4907458
 Ion Ratio Lower Upper
 91 100
 126 36.9 15.6 62.6



#72
 4-Ethyltoluene
 Concen: 8.165 ppbv
 RT: 15.86 min Scan# 4066
 Delta R.T. 0.01 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

Tgt Ion: 105 Resp: 5253137
 Ion Ratio Lower Upper
 105 100
 120 33.5 27.4 41.2
 91 12.3 9.7 14.5
 77 12.5 9.6 14.4

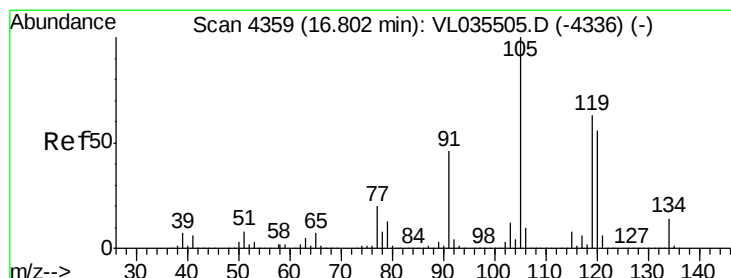
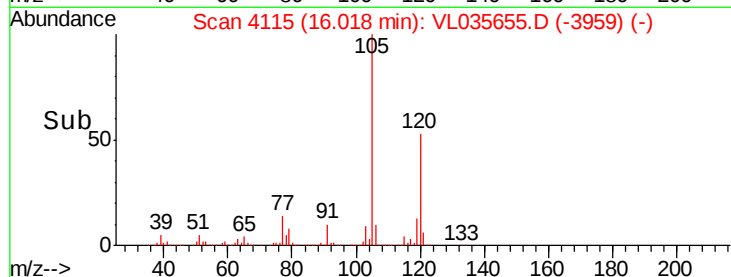
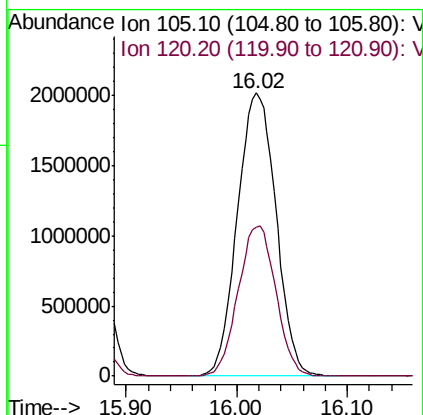
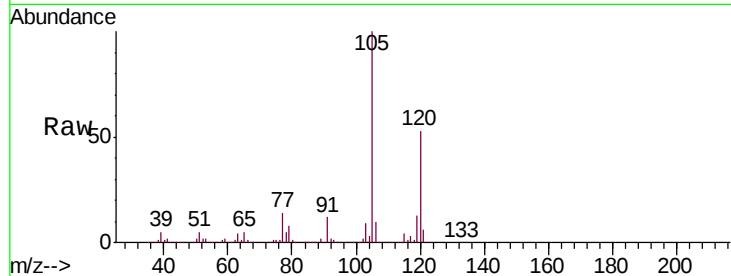




#73
 1,3,5-Trimethylbenzene
 Concen: 8.200 ppbv
 RT: 16.02 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

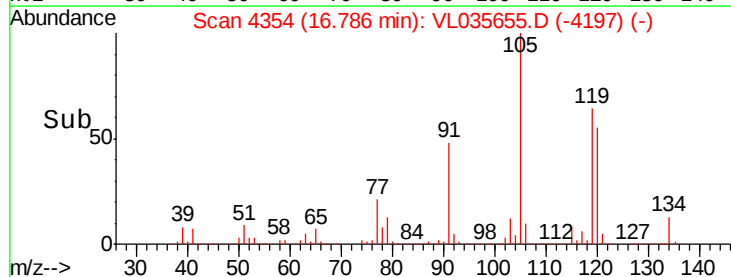
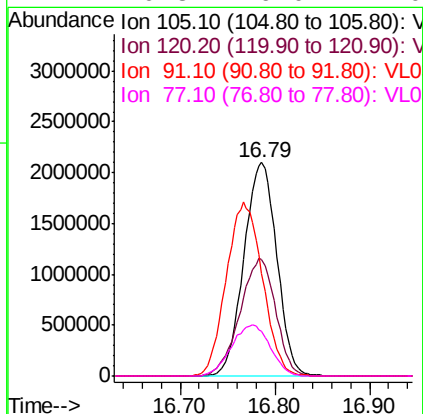
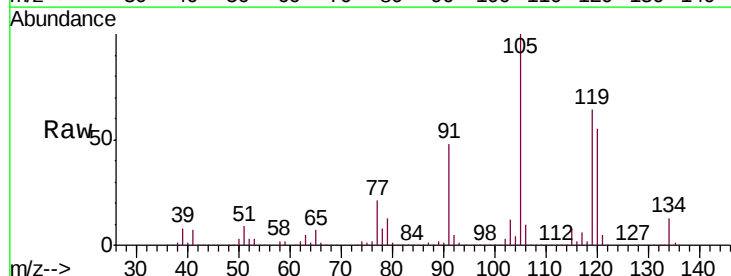
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

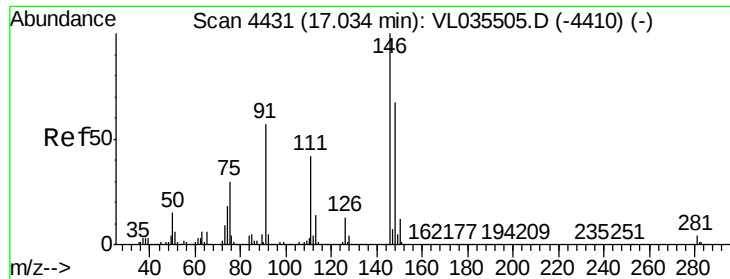
Tgt Ion:105 Resp: 4880033
 Ion Ratio Lower Upper
 105 100
 120 52.6 44.2 66.2



#74
 1,2,4-Trimethylbenzene
 Concen: 7.751 ppbv
 RT: 16.79 min Scan# 4354
 Delta R.T. 0.01 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

Tgt Ion:105 Resp: 5065529
 Ion Ratio Lower Upper
 105 100
 120 54.5 44.4 66.6
 91 47.8 37.1 55.7
 77 20.8 16.0 24.0

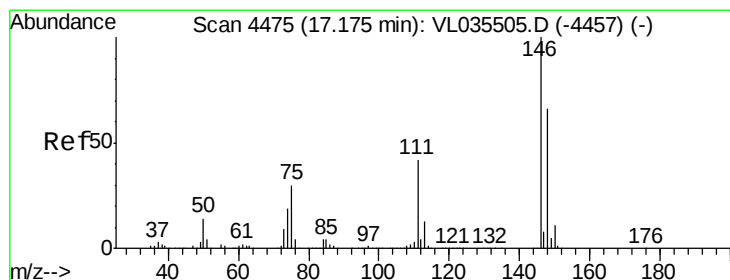
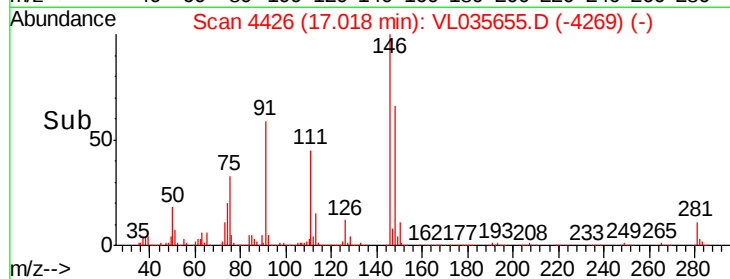
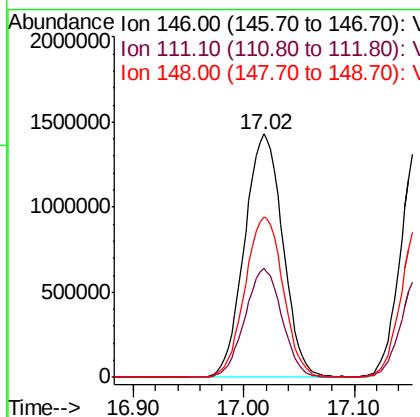
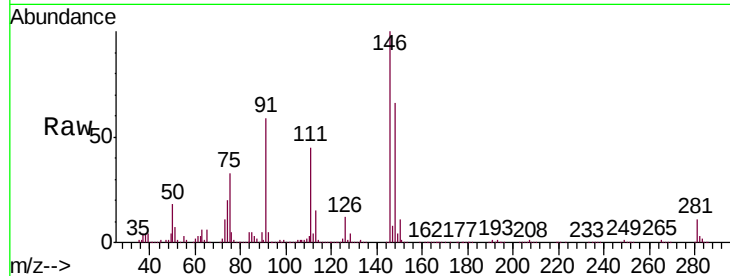




#75
 1,3-Dichlorobenzene
 Concen: 7.102 ppbv
 RT: 17.02 min Scan# 4426
 Delta R.T. 0.01 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

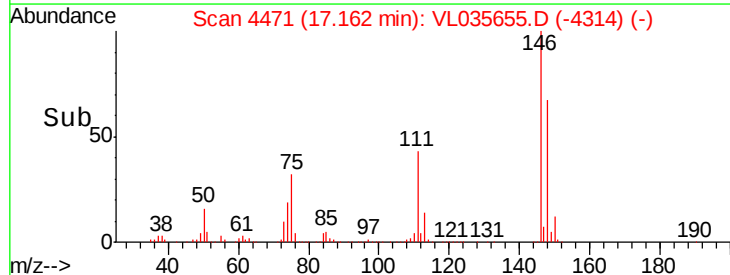
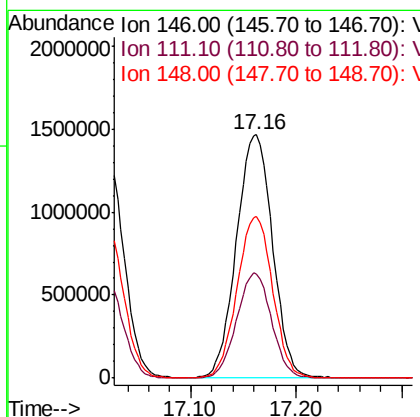
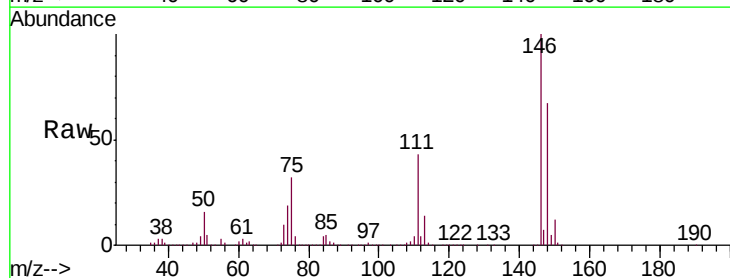
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

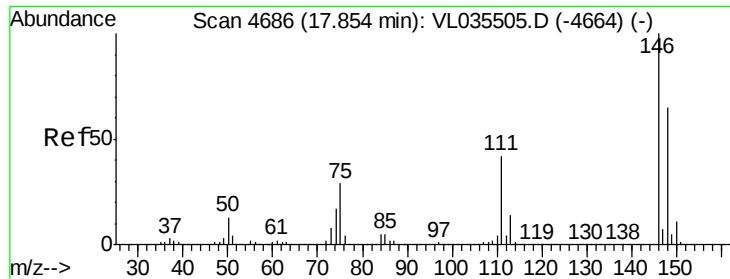
Tgt Ion:146 Resp: 3438010
 Ion Ratio Lower Upper
 146 100
 111 43.4 20.7 62.1
 148 65.9 33.0 98.9



#76
 1,4-Dichlorobenzene
 Concen: 7.273 ppbv
 RT: 17.16 min Scan# 4471
 Delta R.T. 0.01 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

Tgt Ion:146 Resp: 3472230
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.0 60.0
 148 66.0 33.2 99.6

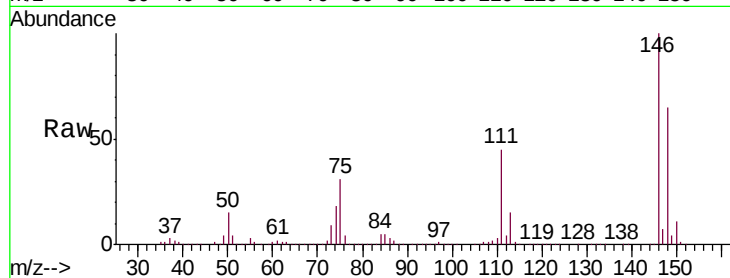




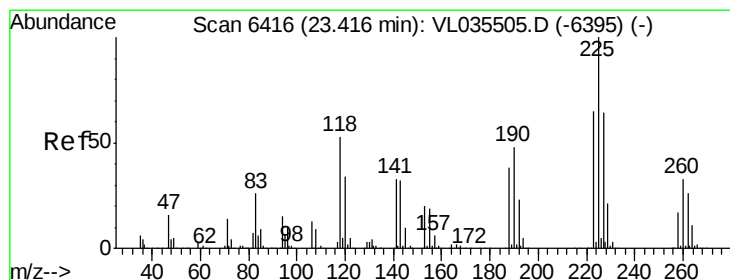
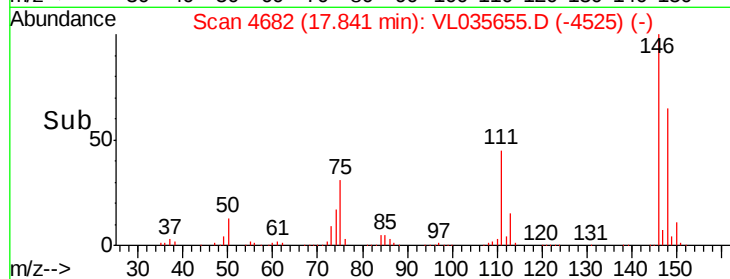
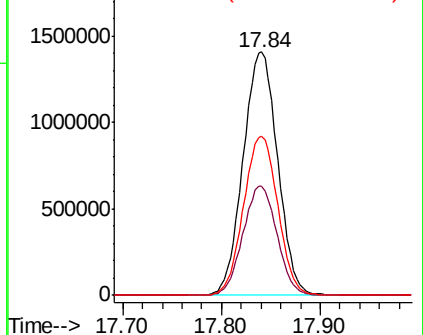
#77
 1,2-Dichlorobenzene
 Concen: 7.256 ppbv
 RT: 17.84 min Scan# 4682
 Delta R.T. 0.01 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:146 Resp: 3403161
 Ion Ratio Lower Upper
 146 100
 111 44.3 21.1 63.3
 148 65.1 32.9 98.7

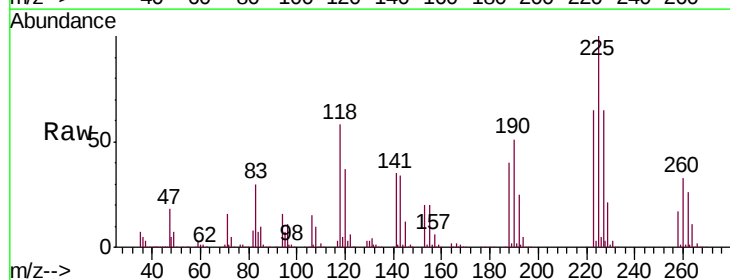


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

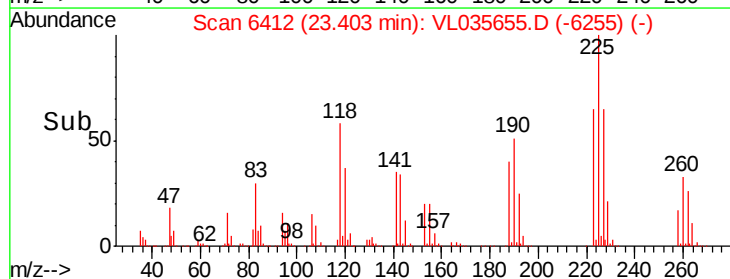
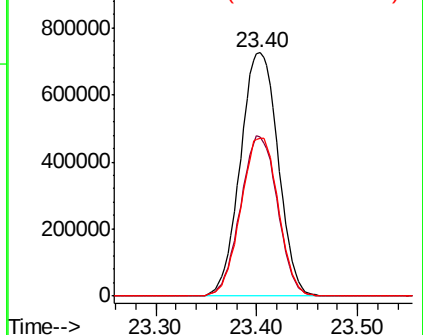


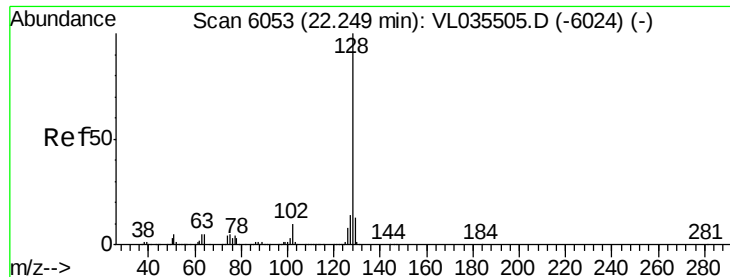
#78
 Hexachloro-1,3-Butadiene
 Concen: 6.297 ppbv
 RT: 23.40 min Scan# 6412
 Delta R.T. 0.01 min
 Lab File: VL035655.D
 Acq: 17 Sep 2020 12:16

Tgt Ion:225 Resp: 1885526
 Ion Ratio Lower Upper
 225 100
 223 64.3 51.7 77.5
 227 64.2 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

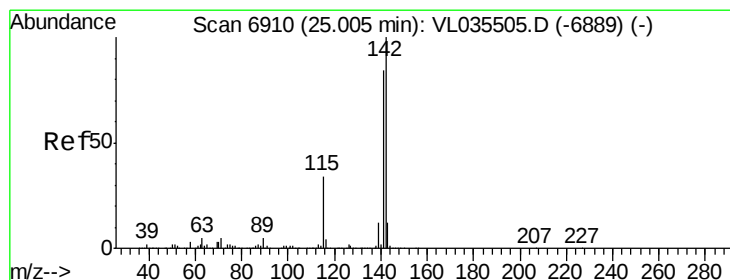
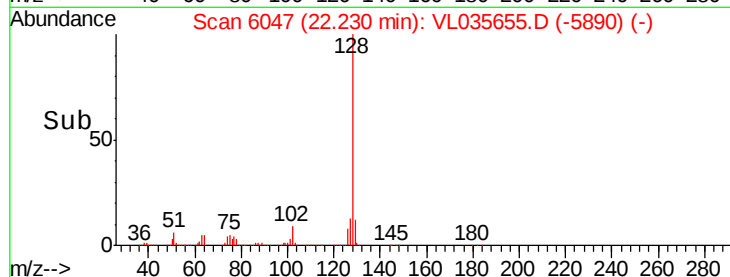
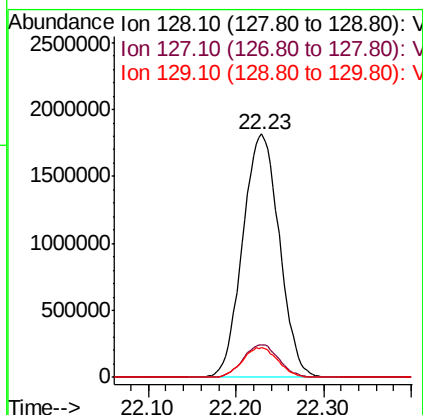
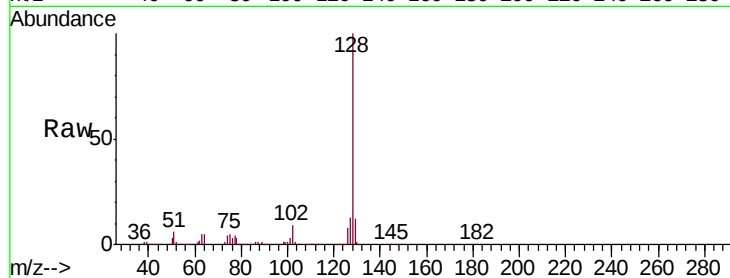




#79
Naphthalene
Concen: 7.278 ppbv
RT: 22.23 min Scan# 6047
Delta R.T. 0.01 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

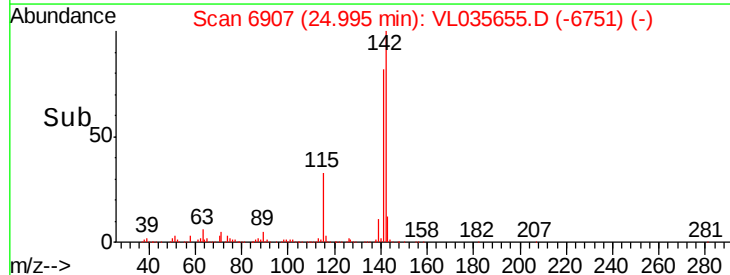
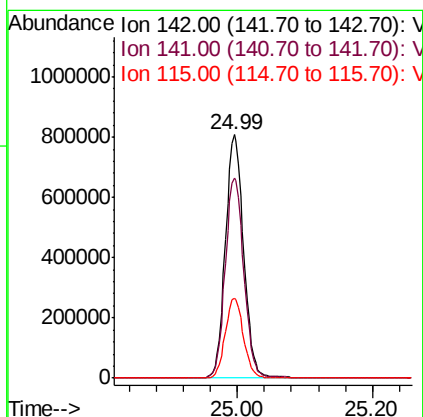
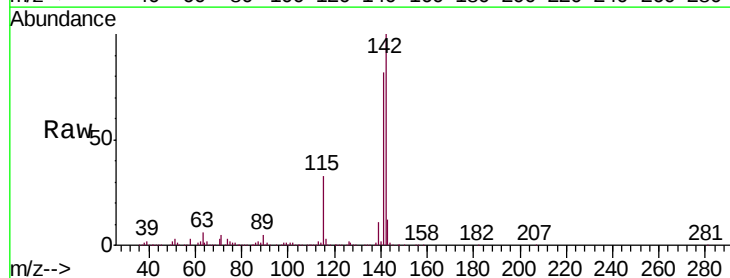
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

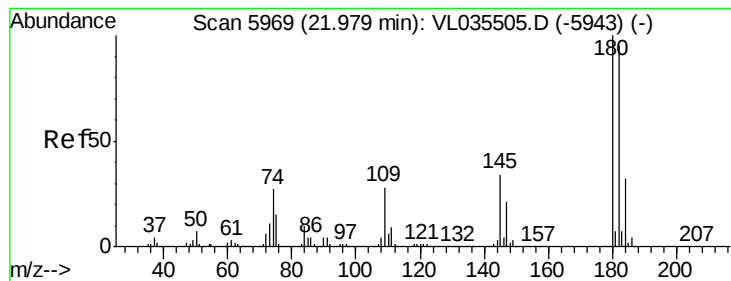
Tgt Ion:128 Resp: 5277560
Ion Ratio Lower Upper
128 100
127 13.2 11.4 17.2
129 12.1 10.5 15.7



#80
Naphthalene, 2-methyl-
Concen: 6.191 ppbv
RT: 24.99 min Scan# 6907
Delta R.T. 0.00 min
Lab File: VL035655.D
Acq: 17 Sep 2020 12:16

Tgt Ion:142 Resp: 1532211
Ion Ratio Lower Upper
142 100
141 84.3 67.6 101.4
115 33.0 25.8 38.8





#81

1,2,4-Trichlorobenzene

Concen: 6.547 ppbv

RT: 21.96 min Scan# 5962

Delta R.T. 0.00 min

Lab File: VL035655.D

Acq: 17 Sep 2020 12:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

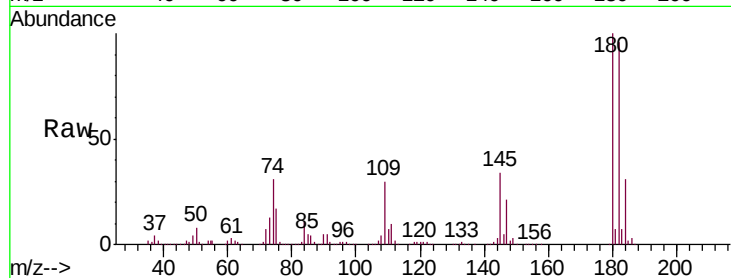
Tgt Ion:180 Resp: 2843130

Ion Ratio Lower Upper

180 100

182 95.1 76.3 114.5

184 31.1 25.3 37.9



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

