

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011321\
 Data File : VL036241.D
 Acq On : 14 Jan 2021 1:47
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Jan 14 02:59:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jan 13 07:53:51 2021
 QLast Update : Wed Jan 13 07:53:51 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1570380	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	3468850	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	3988198	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2718446	8.23	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	2136008	10.025 ppbv	99
3) Chlorodifluoromethane	2.99	51	1837257	9.429 ppbv	98
4) Chloromethane	3.14	50	901423	9.359 ppbv	94
5) Vinyl Chloride	3.26	62	869707	9.680 ppbv	95
6) Bromomethane	3.48	94	451812	9.551 ppbv	99
7) Chloroethane	3.56	64	307459	10.157 ppbv	98
8) Dichlorotetrafluoroethane	3.19	85	1956407	9.942 ppbv	99
9) Propene	3.01	41	770002	8.293 ppbv	98
10) Heptane	8.14	43	2097396	9.111 ppbv	98
11) Trichlorofluoromethane	3.95	101	1978145	9.477 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1207359	9.215 ppbv	99
13) Ethanol	3.61	45	102384	5.252 ppbv	100
14) Bromoethene	3.74	108	554712	10.018 ppbv	96
15) Acetone	3.86	43	1580840	8.476 ppbv	98
16) 1,3-Butadiene	3.33	39	822209	9.250 ppbv	95
17) tert-Butyl alcohol	4.30	59	1498409	9.806 ppbv	100
18) 1,1-Dichloroethene	4.29	96	520467	9.216 ppbv	96
19) Isopropyl Alcohol	3.98	45	1007583	9.346 ppbv	100
20) Methylene Chloride	4.35	84	455436	7.974 ppbv	95
21) Allyl Chloride	4.42	41	934932	9.187 ppbv	93
22) trans-1,2-Dichloroethene	4.89	96	475531	9.033 ppbv	98
23) Vinyl Acetate	5.08	43	2095236	8.914 ppbv	# 97
24) 1,1-Dichloroethane	5.02	63	1592081	9.542 ppbv	98
25) Ethyl Acetate	5.69	43	3518694	9.265 ppbv	99
26) Hexane	5.70	57	1420720	8.945 ppbv	99
27) Carbon Disulfide	4.56	76	1365386	10.695 ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	1981307	9.239 ppbv	97
29) Chloroform	5.76	83	2258132	9.713 ppbv	97
30) Cyclohexane	7.14	84	1184254	9.548 ppbv	99
31) cis-1,2-Dichloroethene	5.56	61	1483115	9.682 ppbv	97
32) 1,1,1-Trichloroethane	6.53	97	2222218	9.916 ppbv	99
34) 2-Butanone	5.26	43	2219819	10.041 ppbv	99
35) Carbon Tetrachloride	7.03	117	2210692	10.087 ppbv	99
36) Benzene	6.90	78	2953158	9.291 ppbv	97
37) 1,2-Dichloroethane	6.32	62	1877770	9.818 ppbv	100
38) Trichloroethene	7.85	130	975566	8.208 ppbv	97
39) 1,2-Dichloropropane	7.63	63	1192757	9.243 ppbv	98
40) 1,4-Dioxane	7.84	88	183099	3.922 ppbv	# 1
41) Tetrahydrofuran	6.06	42	1316884	10.131 ppbv	99
42) Bromodichloromethane	7.81	83	2436666	10.136 ppbv	99
43) Methyl Methacrylate	8.02	69	1336155	10.058 ppbv	96

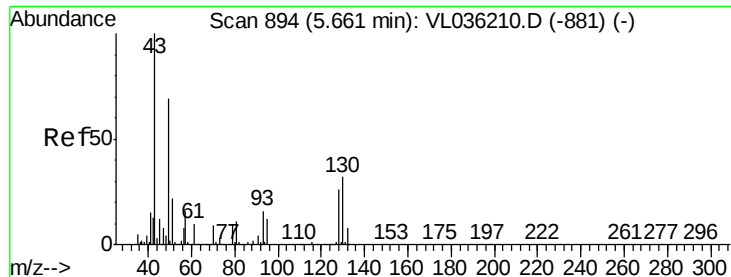
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011321\
 Data File : VL036241.D
 Acq On : 14 Jan 2021 1:47
 Operator : SY/AP
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Instrument :
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Quant Time: Jan 14 02:59:50 2021
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 QLast Update : Wed Jan 13 07:53:51 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5100528	8.737	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	1382016	10.772	ppbv	98
46) cis-1,3-Dichloropropene	8.72	75	1696759	10.292	ppbv	99
47) 1,1,2-Trichloroethane	9.49	97	1131462	9.165	ppbv	95
48) Dibromochloromethane	10.32	129	1775641	9.831	ppbv	100
49) Bromoform	13.06	173	1338610	9.077	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	3440119	9.282	ppbv	100
51) 2-Hexanone	10.15	43	2786952	9.643	ppbv #	100
52) Tetrachloroethene	11.24	164	892179	7.617	ppbv	97
53) Toluene	9.82	91	3207191	9.116	ppbv	99
54) 1,2-Dibromoethane	10.63	107	1651872	9.129	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.14	131	1310722	7.364	ppbv	99
57) Chlorobenzene	12.17	112	2161778	6.909	ppbv	98
58) Ethyl Benzene	12.73	91	4258834	7.196	ppbv	98
59) m/p-Xylene	13.01	91	2969290	5.839	ppbv #	8
60) o-Xylene	13.71	91	3278722	6.689	ppbv	99
61) Styrene	13.55	104	2283051	7.376	ppbv	99
62) Isopropylbenzene	14.68	105	4888255	6.707	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.70	83	2189695	5.999	ppbv	99
64) n-propylbenzene	15.58	120	1232936	6.885	ppbv	97
65) tert-Butylbenzene	16.76	119	3992237	6.464	ppbv	99
66) Benzyl Chloride	17.00	91	1212501	7.685	ppbv	100
67) sec-Butylbenzene	17.31	105	5794142	6.320	ppbv	100
69) p-Isopropyltoluene	17.67	119	4772420	6.643	ppbv	99
70) n-Butylbenzene	18.57	91	5264012	6.795	ppbv	100
71) 2-Chlorotoluene	15.47	91	3757795	6.560	ppbv	100
72) 4-Ethyltoluene	15.86	105	3728913	6.741	ppbv	99
73) 1,3,5-Trimethylbenzene	16.01	105	3506010	6.649	ppbv	100
74) 1,2,4-Trimethylbenzene	16.78	105	3582009	6.622	ppbv	97
75) 1,3-Dichlorobenzene	17.01	146	1870218	6.613	ppbv	100
76) 1,4-Dichlorobenzene	17.16	146	1829554	6.752	ppbv	99
77) 1,2-Dichlorobenzene	17.83	146	1913707	6.885	ppbv	98
78) Hexachloro-1,3-Butadiene	23.39	225	1829179	8.261	ppbv	98
79) Naphthalene	22.22	128	3762035	12.159	ppbv	97
80) Naphthalene, 2-methyl-	24.99	142	1005110	15.842	ppbv	96
81) 1,2,4-Trichlorobenzene	21.95	180	763296	4.392	ppbv #	1

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.02 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

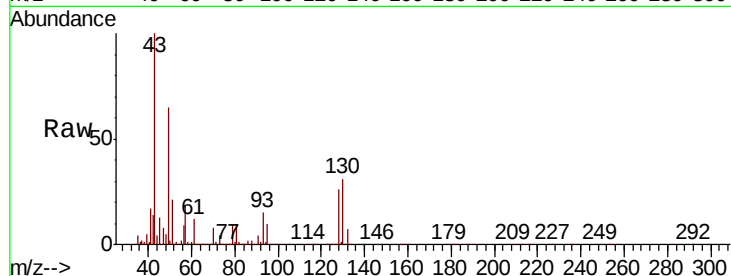
Tot Ion: 49 Resp: 1570380

Ion Ratio Lower Upper

49 100

128 41.0 20.1 60.2

130 51.1 25.3 75.9



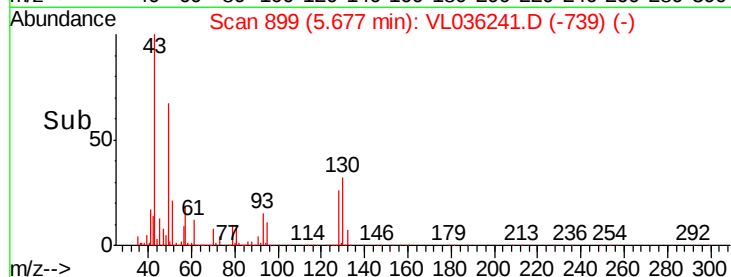
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

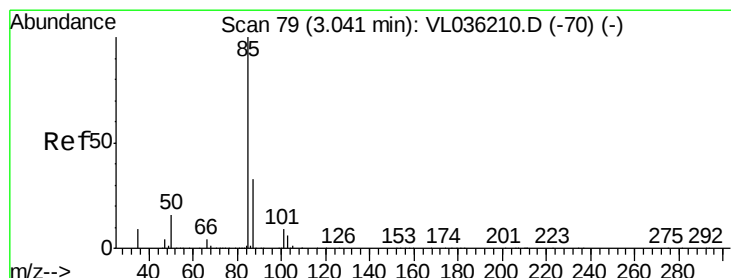
Ion 130.00 (129.70 to 130.70): V

5.68

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 10.025 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.01 min

Lab File: VL036241.D

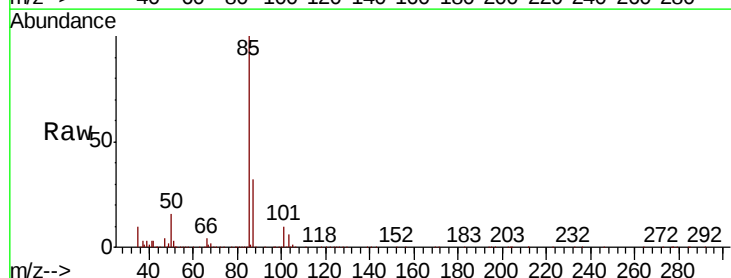
Acq: 14 Jan 2021 1:47

Tgt Ion: 85 Resp: 2136008

Ion Ratio Lower Upper

85 100

87 32.2 26.4 39.6

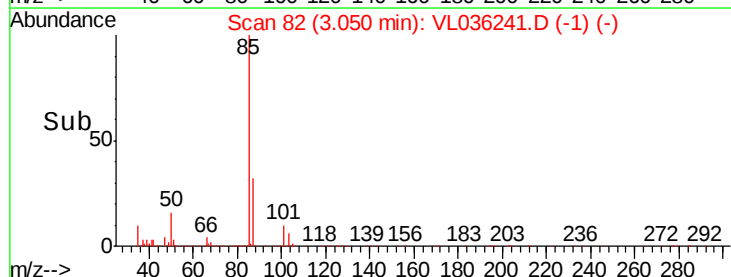


Abundance Ion 85.00 (84.70 to 85.70): VL0

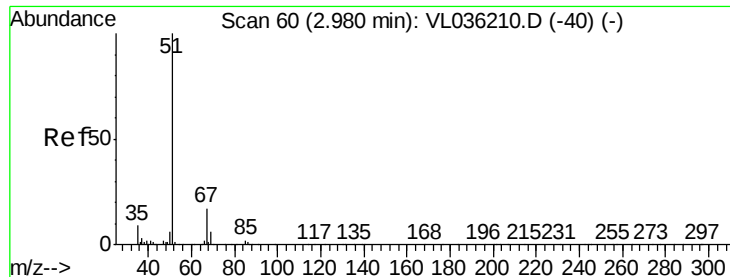
Ion 87.00 (86.70 to 87.70): VL0

3.05

Time-->



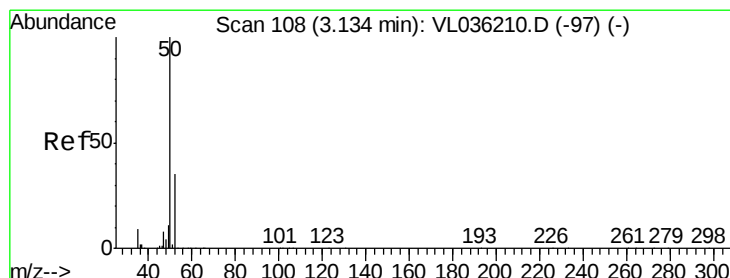
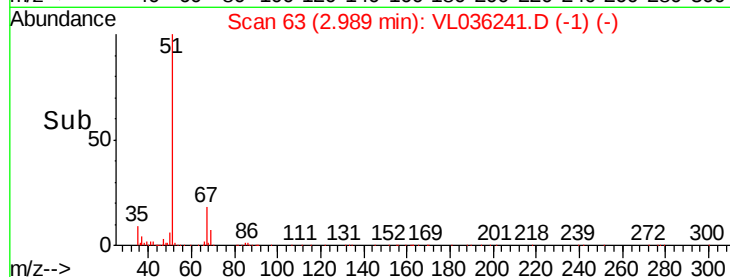
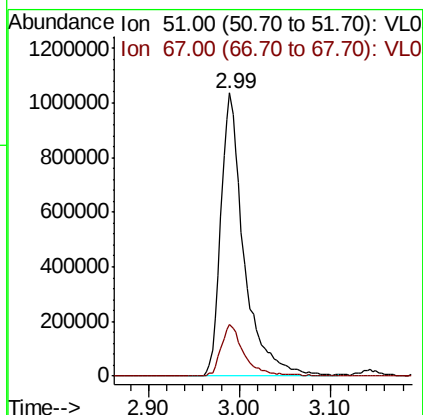
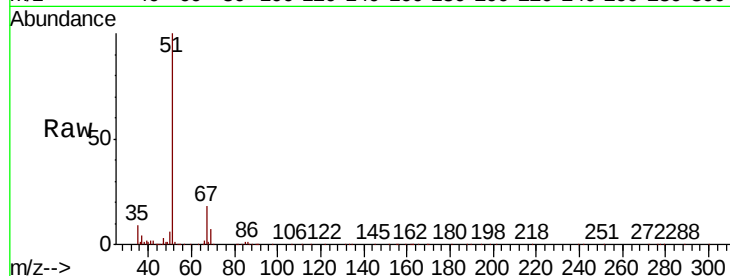
Time-->



#3
Chlorodifluoromethane
Concen: 9.429 ppbv
RT: 2.99 min Scan# 63
Delta R.T. 0.01 min
Lab File: VL036241.D
Acq: 14 Jan 2021 1:47

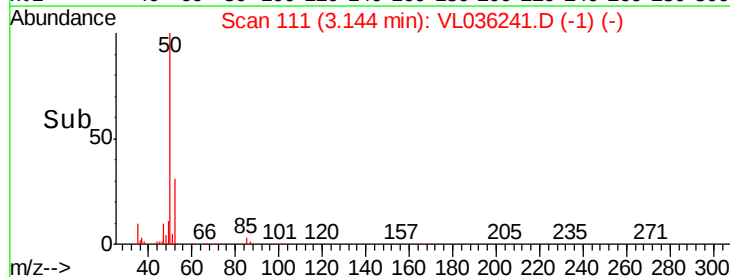
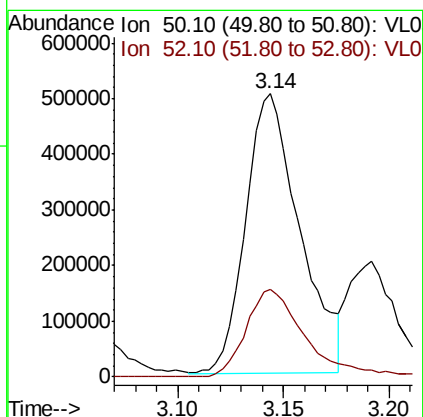
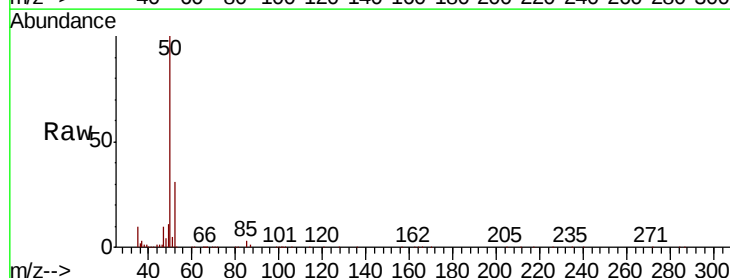
Instrument :
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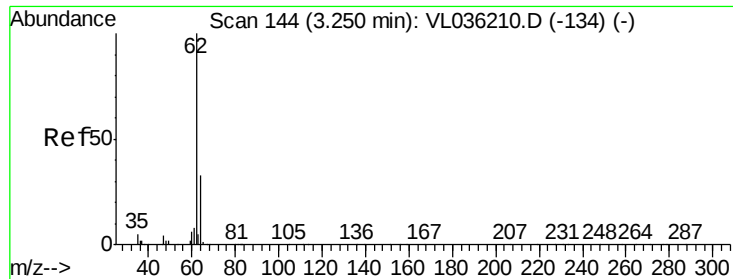
Tot Ion: 51 Resp: 1837257
Ion Ratio Lower Upper
51 100
67 18.5 14.0 21.0



#4
Chloromethane
Concen: 9.359 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.01 min
Lab File: VL036241.D
Acq: 14 Jan 2021 1:47

Tgt Ion: 50 Resp: 901423
Ion Ratio Lower Upper
50 100
52 31.4 27.8 41.8





#5

Vinyl Chloride

Concen: 9.680 ppbv

RT: 3.26 min Scan# 147

Delta R.T. 0.01 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

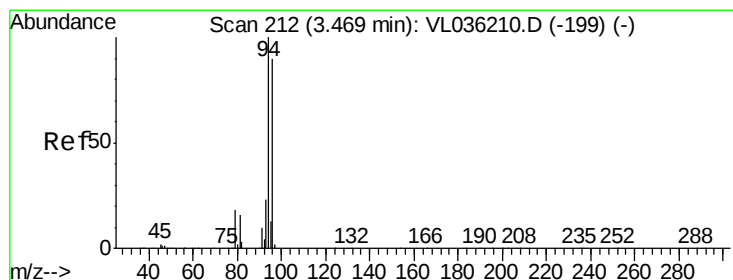
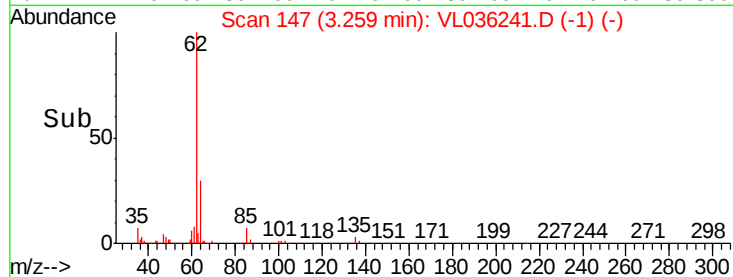
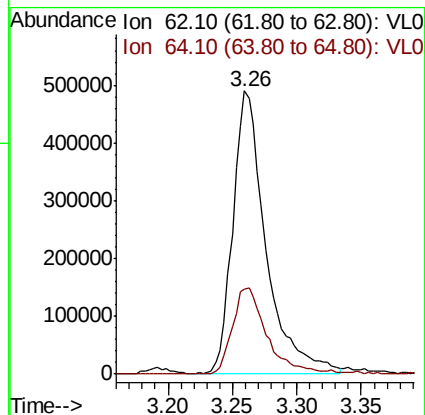
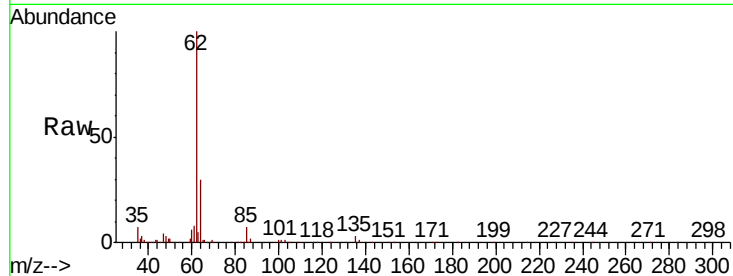
VSTDCCC010EC

Tot Ion: 62 Resp: 869707

Ion Ratio Lower Upper

62 100

64 30.0 26.2 39.2



#6

Bromomethane

Concen: 9.551 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.01 min

Lab File: VL036241.D

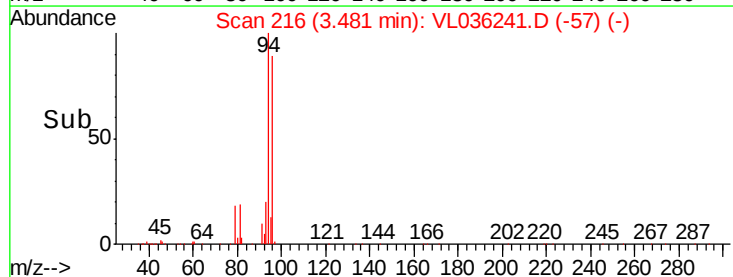
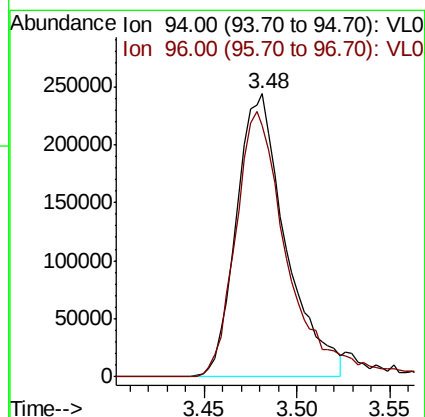
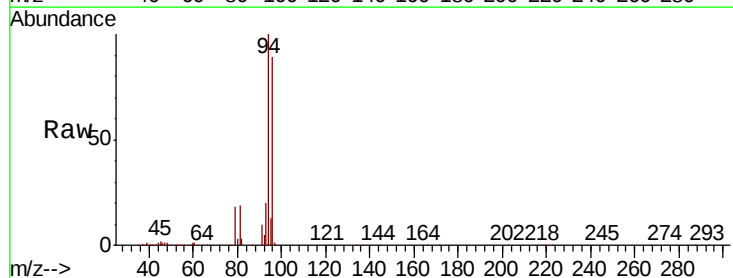
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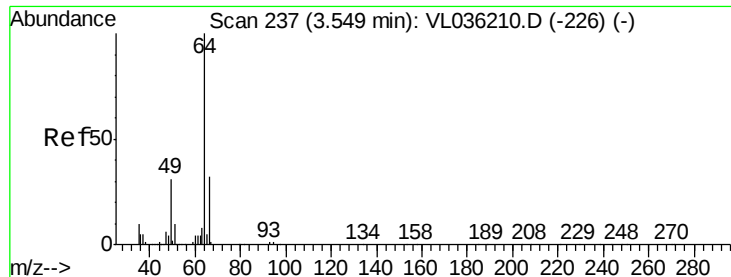
Tgt Ion: 94 Resp: 451812

Ion Ratio Lower Upper

94 100

96 88.6 71.9 107.9





#7

Chloroethane

Concen: 10.157 ppbv

RT: 3.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

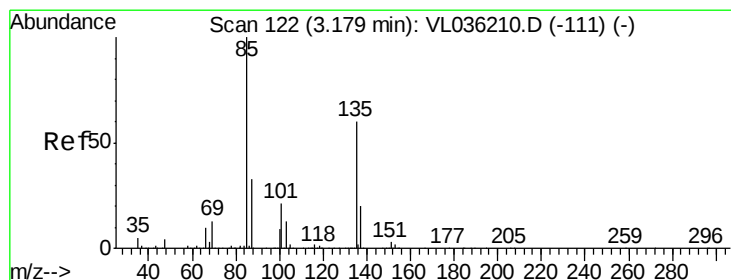
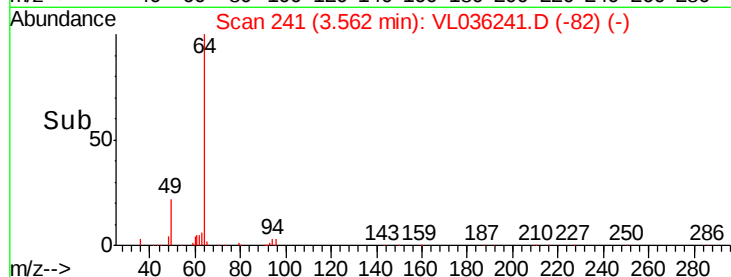
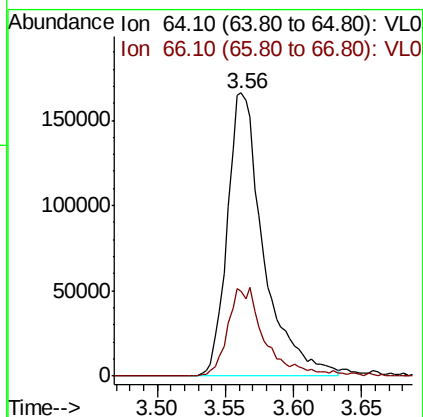
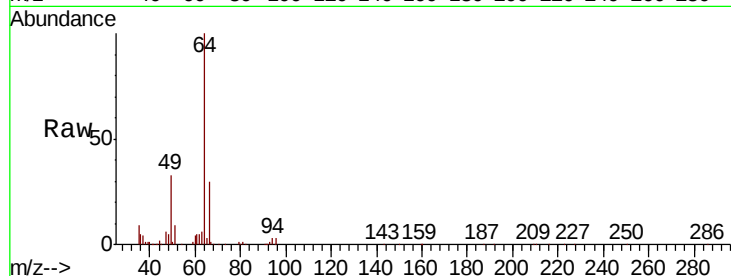
VSTDCCC010EC

Tot Ion: 64 Resp: 307459

Ion Ratio Lower Upper

64 100

66 30.2 25.2 37.8



#8

Dichlorotetrafluoroethane

Concen: 9.942 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.01 min

Lab File: VL036241.D

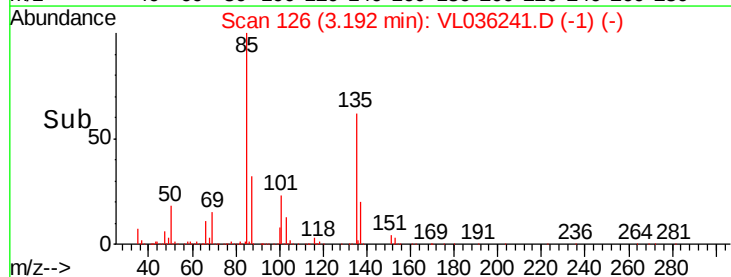
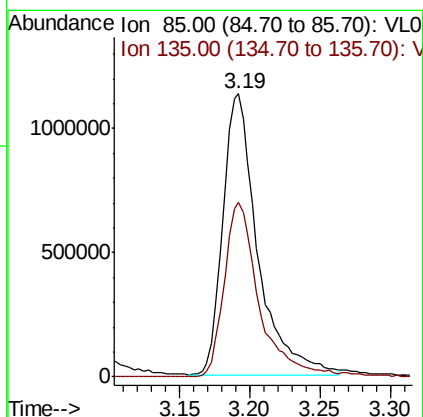
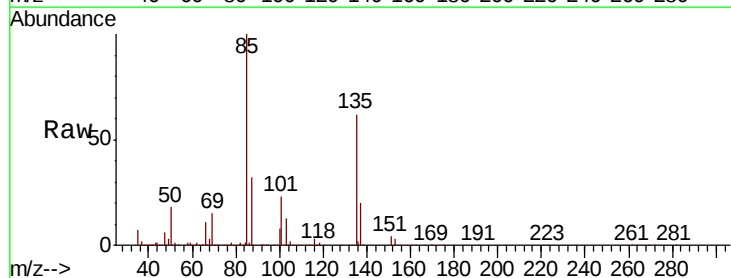
Acq: 14 Jan 2021 1:47

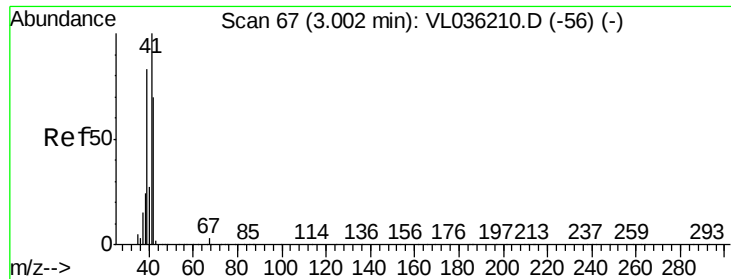
Tgt Ion: 85 Resp: 1956407

Ion Ratio Lower Upper

85 100

135 63.6 51.5 77.3





#9

Propene

Concen: 8.293 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

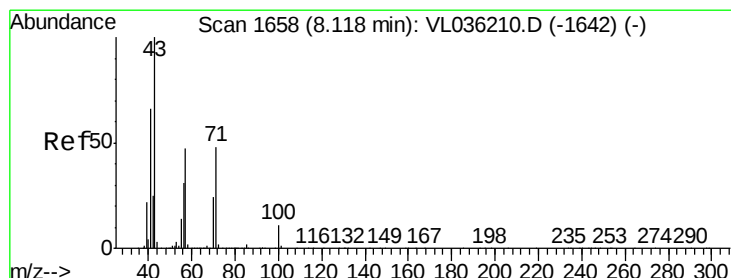
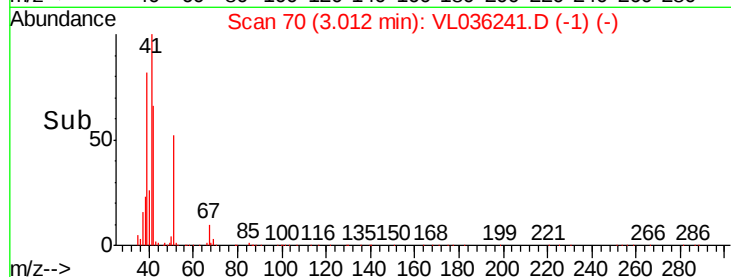
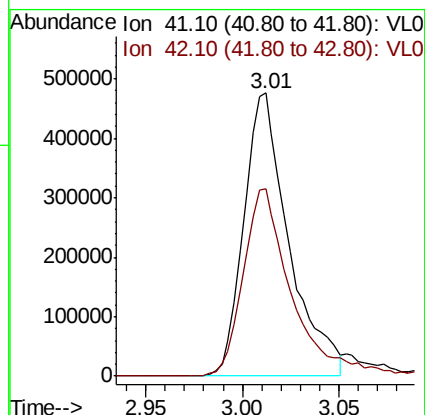
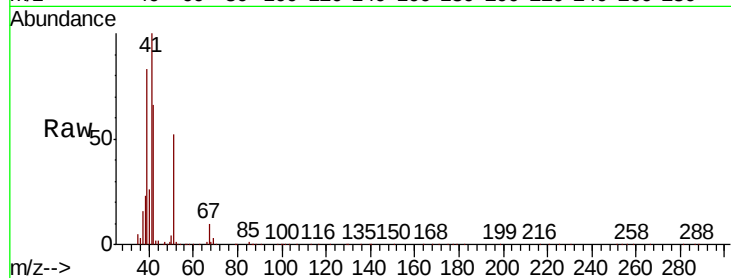
VSTDCCC010EC

Tot Ion: 41 Resp: 770002

Ion Ratio Lower Upper

41 100

42 73.0 57.1 85.7



#10

Heptane

Concen: 9.111 ppbv

RT: 8.14 min Scan# 1664

Delta R.T. 0.02 min

Lab File: VL036241.D

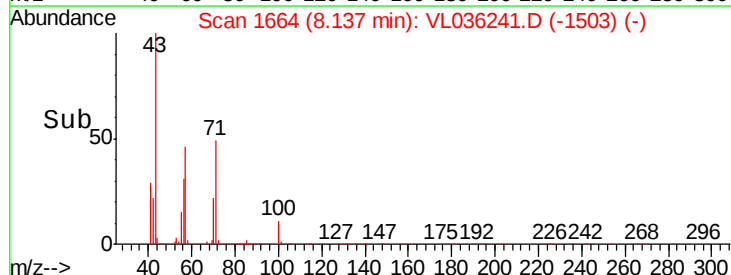
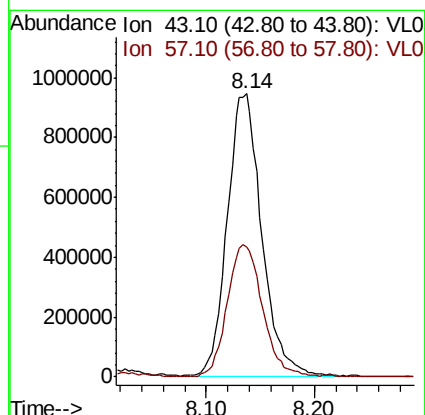
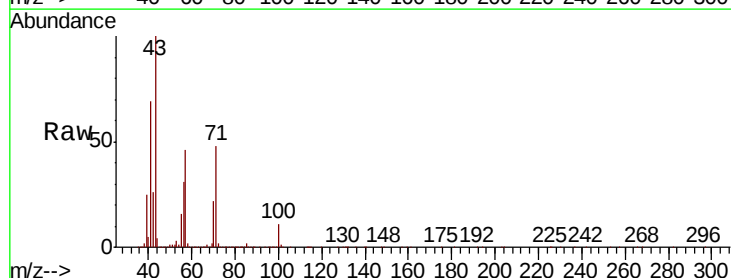
Acq: 14 Jan 2021 1:47

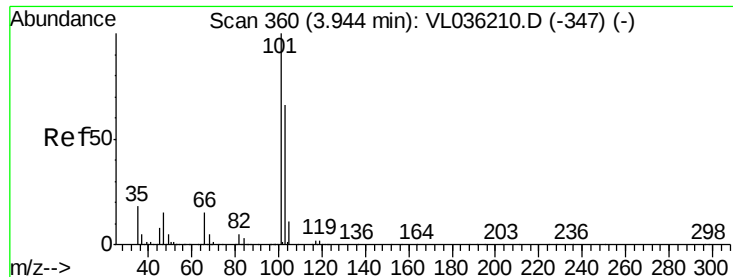
Tgt Ion: 43 Resp: 2097396

Ion Ratio Lower Upper

43 100

57 48.6 38.1 57.1

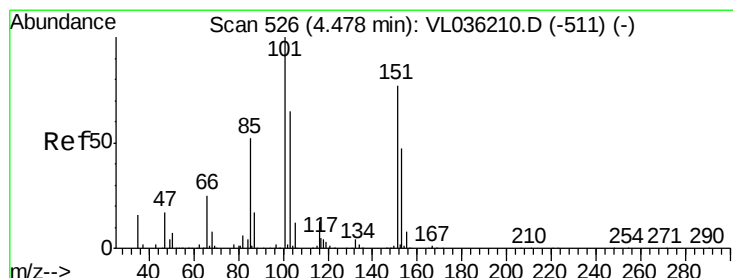
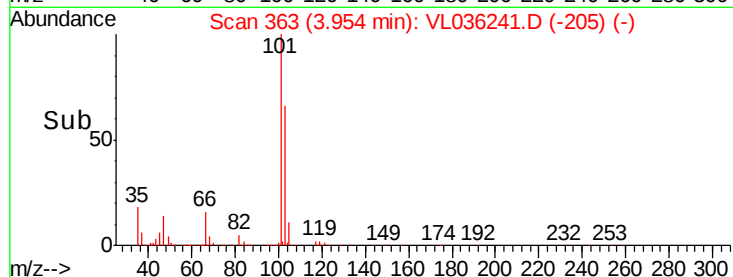
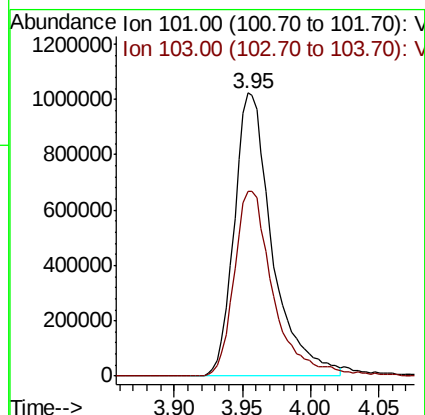
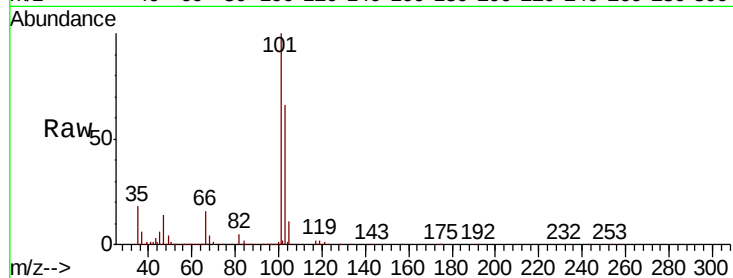




#11
 Trichlorofluoromethane
 Concen: 9.477 ppbv
 RT: 3.95 min Scan# 363
 Delta R.T. 0.01 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

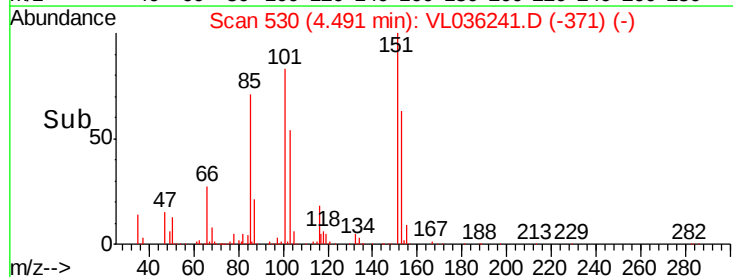
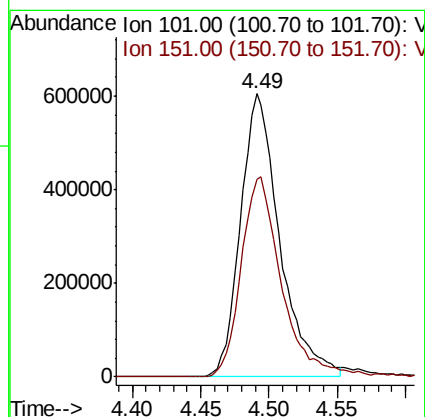
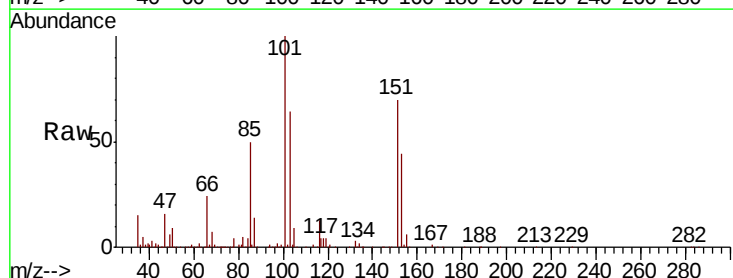
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

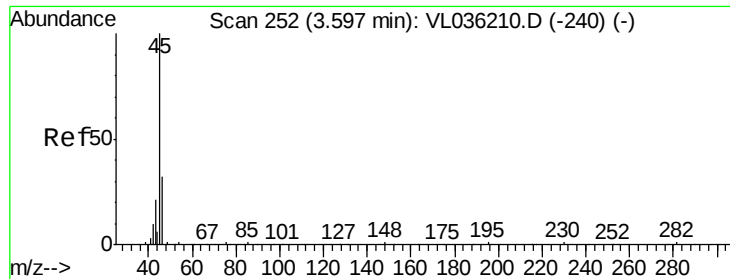
Tot Ion:101 Resp: 1978145
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.215 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

Tgt Ion:101 Resp: 1207359
 Ion Ratio Lower Upper
 101 100
 151 73.6 59.8 89.6





#13

Ethanol

Concen: 5.252 ppbv

RT: 3.61 min Scan# 257

Delta R.T. 0.02 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

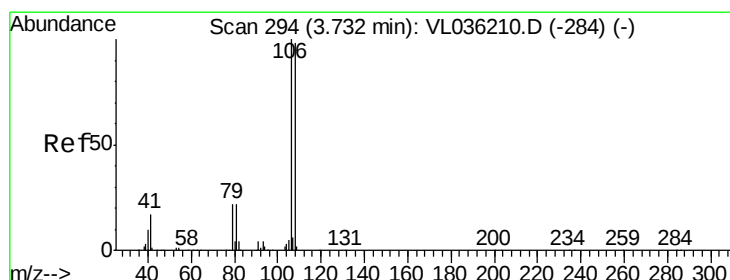
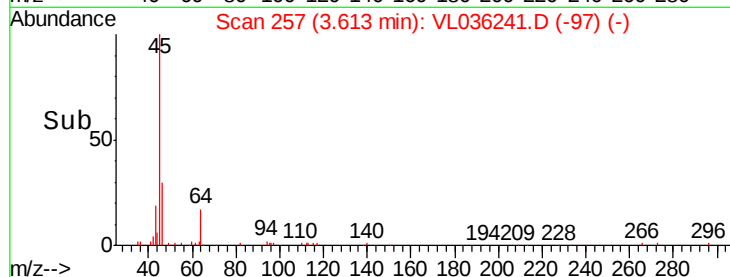
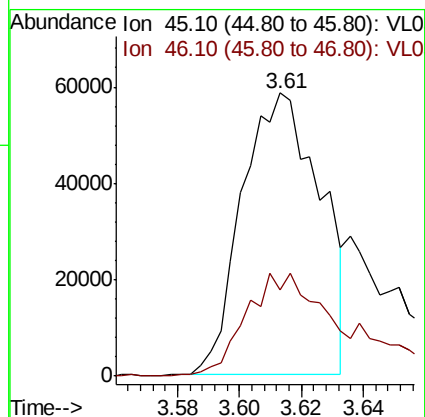
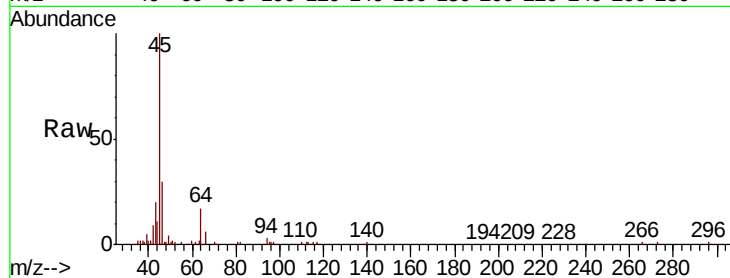
VSTDCCC010EC

Tot Ion: 45 Resp: 102384

Ion Ratio Lower Upper

45 100

46 48.2 19.2 77.0



#14

Bromoethene

Concen: 10.018 ppbv

RT: 3.74 min Scan# 298

Delta R.T. 0.01 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

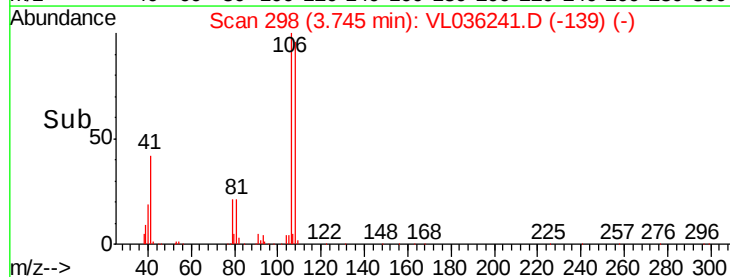
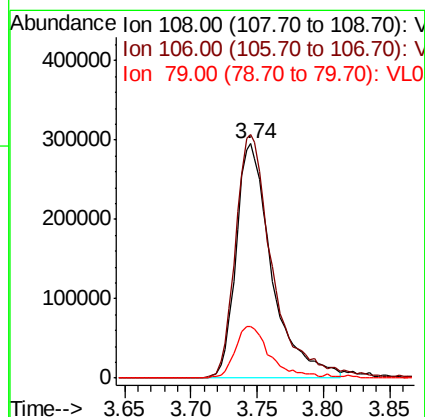
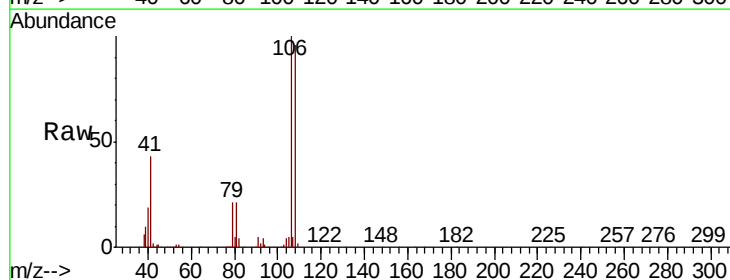
Tgt Ion: 108 Resp: 554712

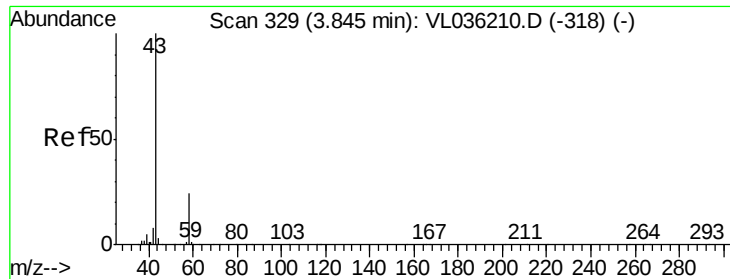
Ion Ratio Lower Upper

108 100

106 109.2 91.4 137.2

79 22.5 18.3 27.5

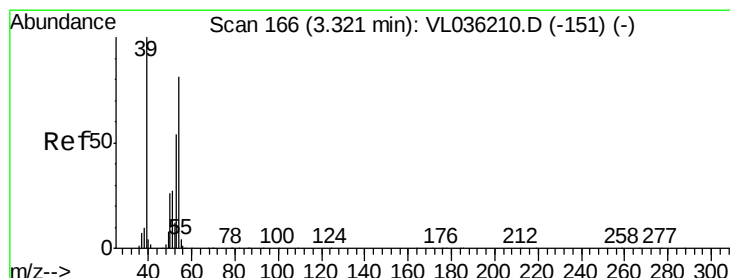
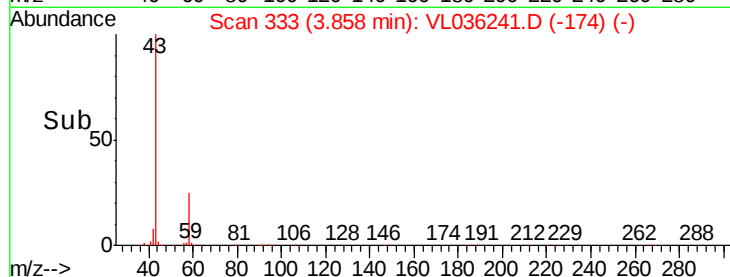
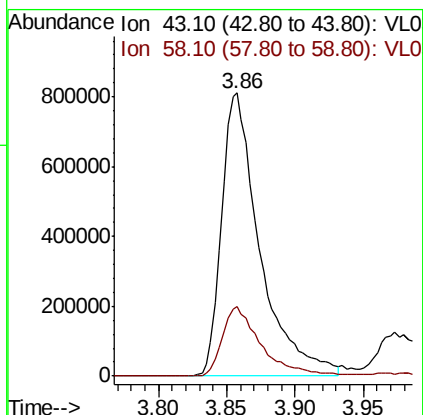
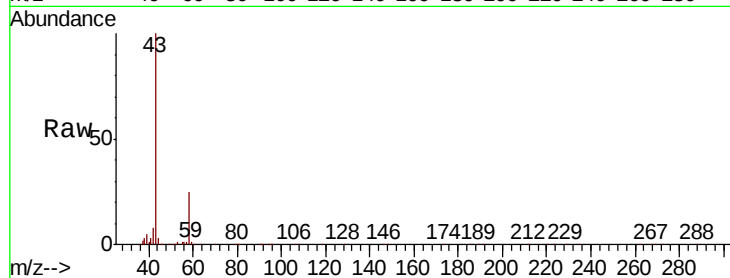




#15
Acetone
Concen: 8.476 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL036241.D
Acq: 14 Jan 2021 1:47

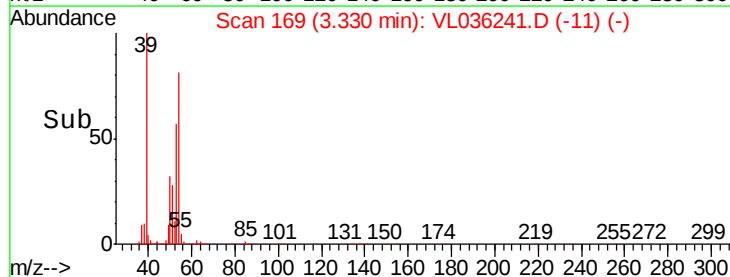
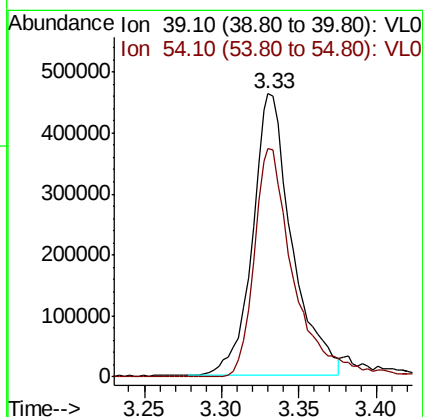
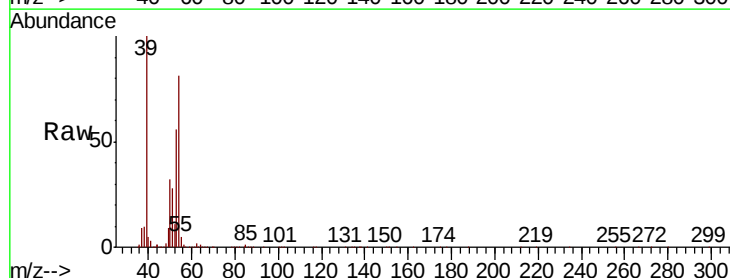
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

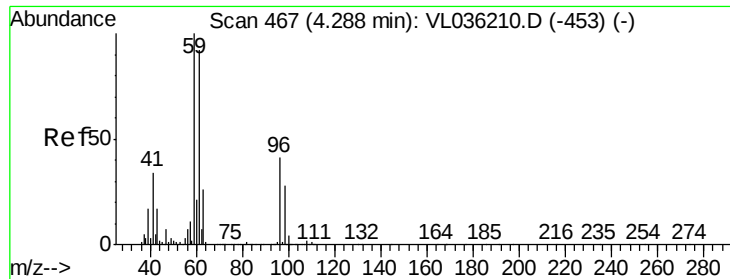
Tot Ion: 43 Resp: 1580840
Ion Ratio Lower Upper
43 100
58 25.0 20.9 31.3



#16
1,3-Butadiene
Concen: 9.250 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.01 min
Lab File: VL036241.D
Acq: 14 Jan 2021 1:47

Tgt Ion: 39 Resp: 822209
Ion Ratio Lower Upper
39 100
54 82.7 62.5 93.7



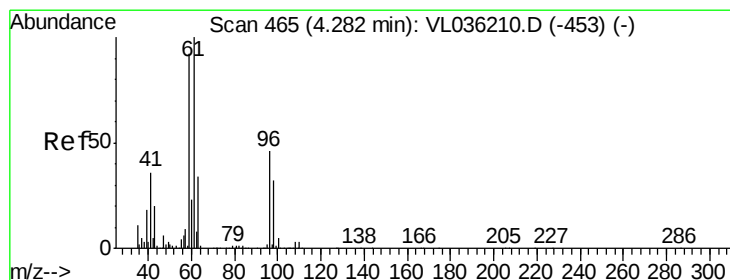
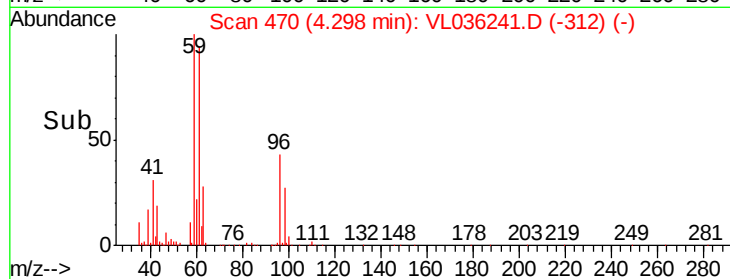
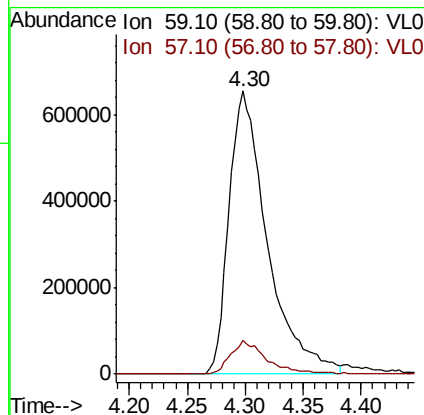
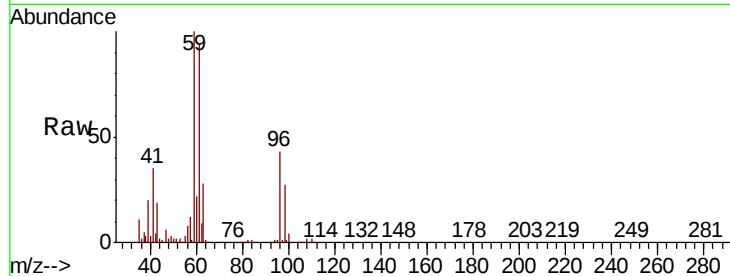


#17

tert-Butyl alcohol
 Concen: 9.806 ppbv
 RT: 4.30 min Scan# 470
 Delta R.T. 0.01 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

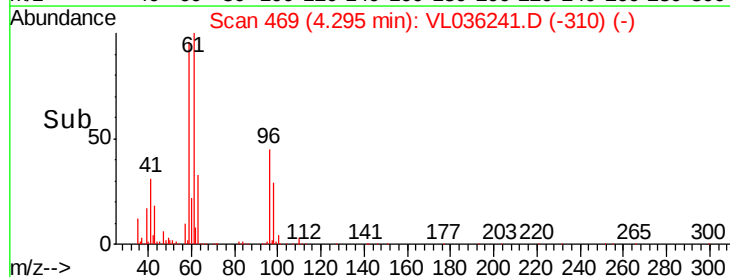
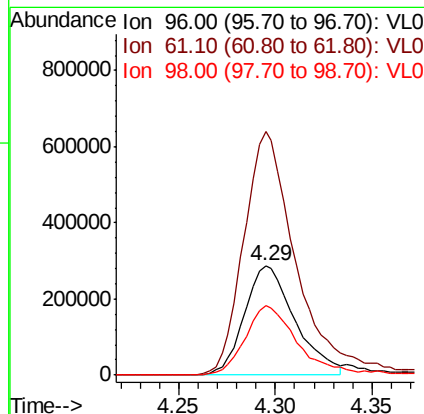
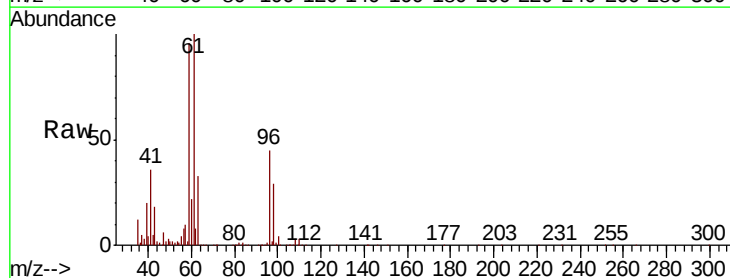
Tot Ion: 59 Resp: 1498409
 Ion Ratio Lower Upper
 59 100
 57 11.3 9.2 13.8

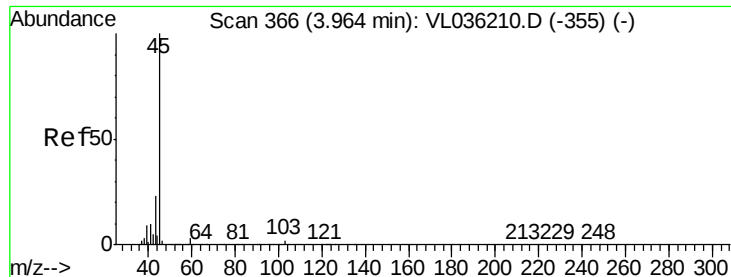


#18

1,1-Dichloroethene
 Concen: 9.216 ppbv
 RT: 4.29 min Scan# 469
 Delta R.T. 0.01 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

Tgt Ion: 96 Resp: 520467
 Ion Ratio Lower Upper
 96 100
 61 222.4 173.4 260.0
 98 63.5 54.9 82.3





#19

Isopropyl Alcohol

Concen: 9.346 ppbv

RT: 3.98 min Scan# 370

Delta R.T. 0.01 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

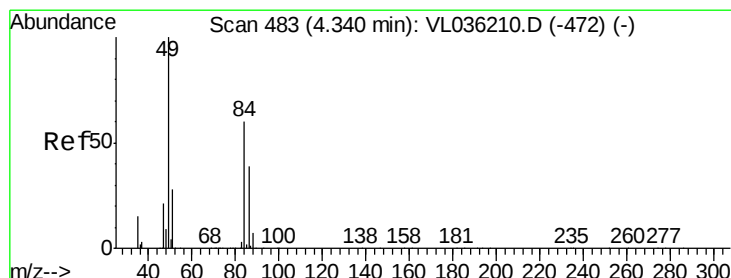
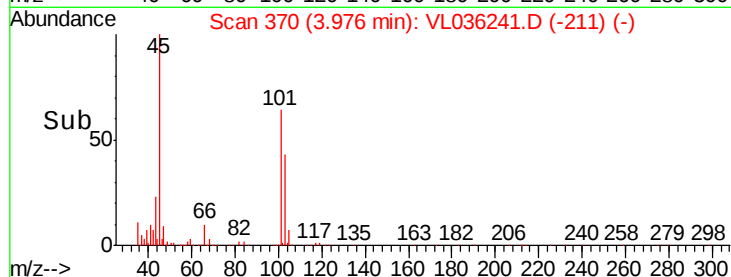
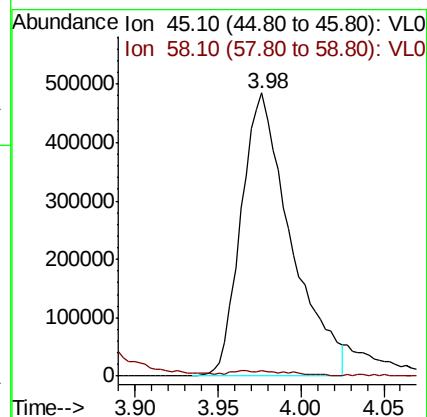
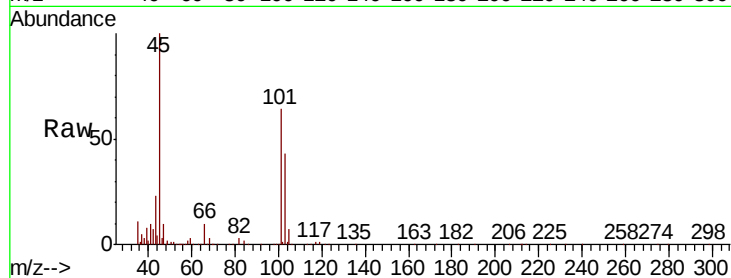
VSTDCCC010EC

Tot Ion: 45 Resp: 1007583

Ion Ratio Lower Upper

45 100

58 2.4 1.9 2.9



#20

Methylene Chloride

Concen: 7.974 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Tgt Ion: 84 Resp: 455436

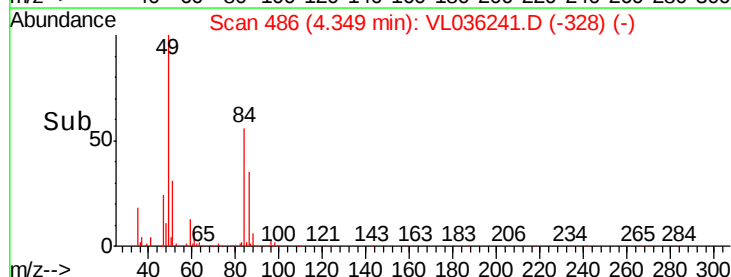
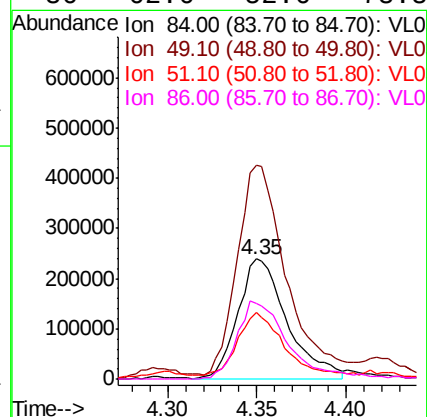
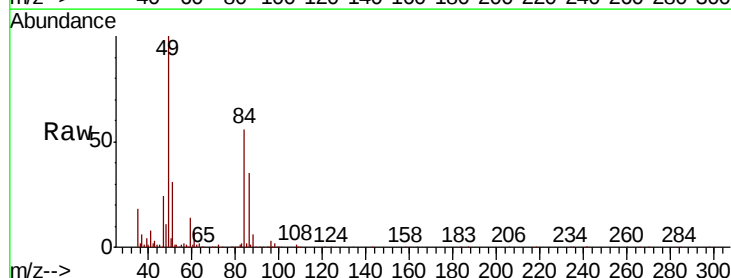
Ion Ratio Lower Upper

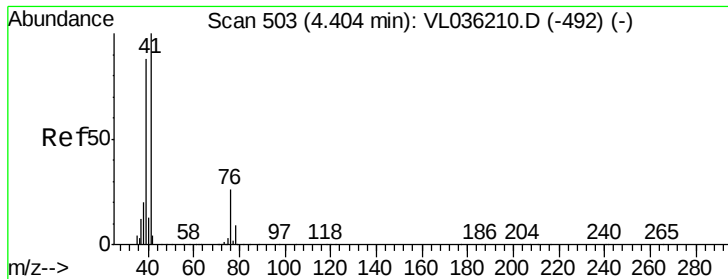
84 100

49 174.4 134.1 201.1

51 52.5 37.4 56.0

86 62.6 52.6 78.8

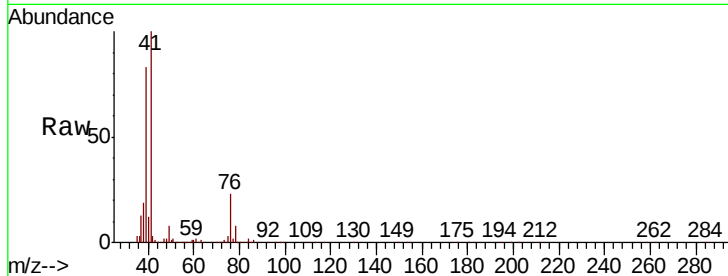




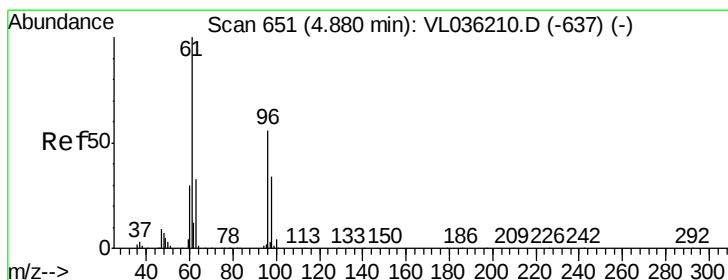
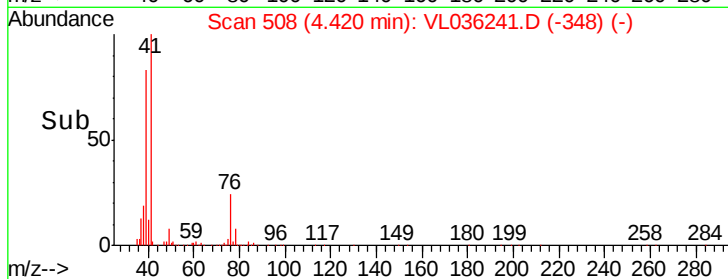
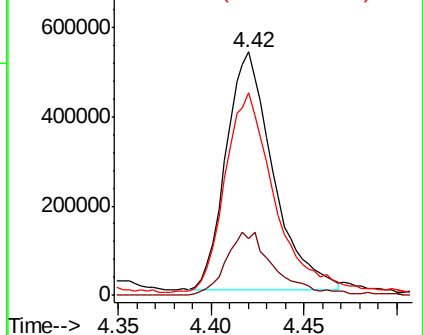
#21
 Allvl Chloride
 Concen: 9.187 ppbv
 RT: 4.42 min Scan# 508
 Delta R.T. 0.02 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 41 Resp: 934932
 Ion Ratio Lower Upper
 41 100
 76 28.0 20.5 30.7
 39 91.8 67.8 101.8

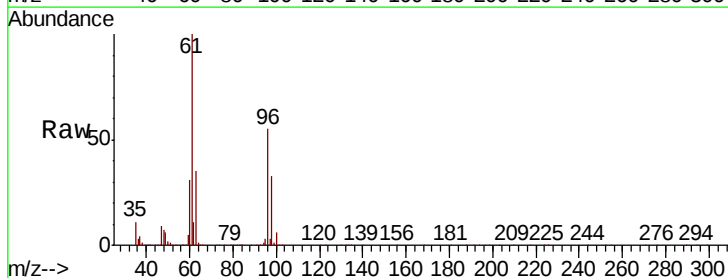


Abundance Ion 41.10 (40.80 to 41.80): VL0
 Ion 76.10 (75.80 to 76.80): VL0
 Ion 39.10 (38.80 to 39.80): VL0

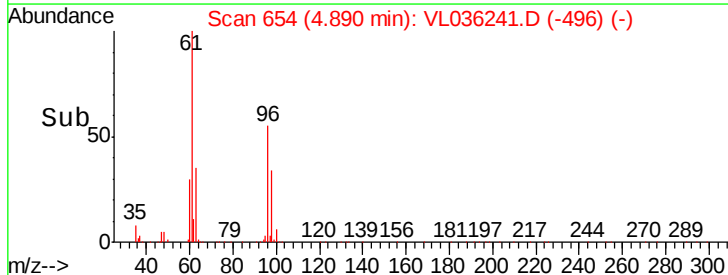
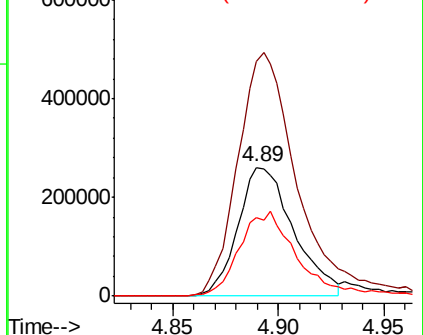


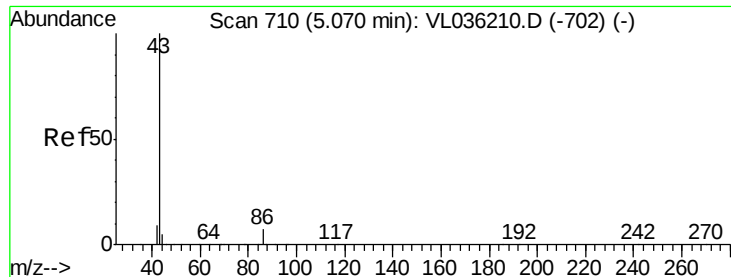
#22
 trans-1,2-Dichloroethene
 Concen: 9.033 ppbv
 RT: 4.89 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

Tgt Ion: 96 Resp: 475531
 Ion Ratio Lower Upper
 96 100
 61 181.6 142.7 214.1
 98 60.1 48.7 73.1



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: 8.914 ppbv

RT: 5.08 min Scan# 714

Delta R.T. 0.01 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

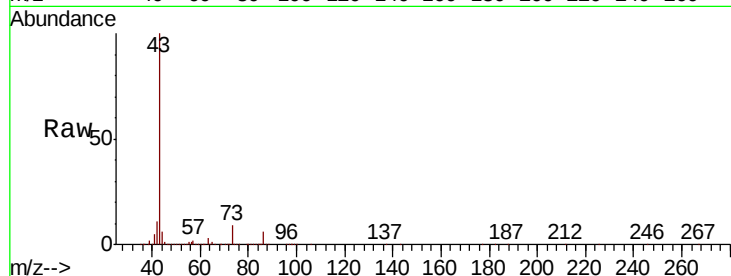
MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion: 43 Resp: 2095236

Ion	Ratio	Lower	Upper
43	100		
86	6.4	4.9	7.3
42	11.2	7.8	11.6
44	5.7	3.7	5.5#

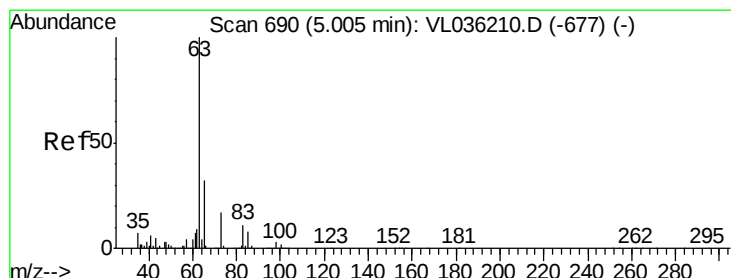
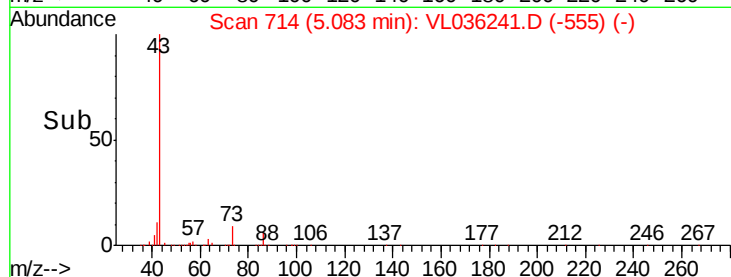
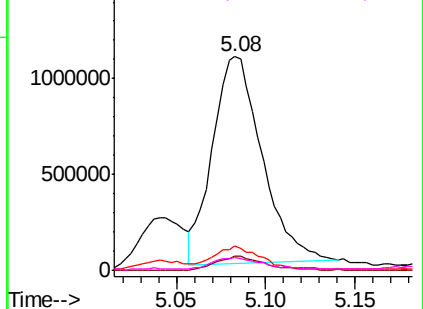


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 9.542 ppbv

RT: 5.02 min Scan# 695

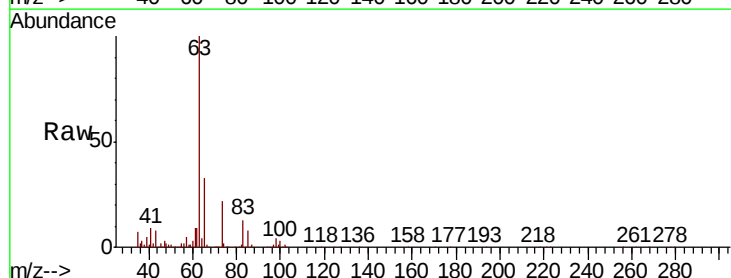
Delta R.T. 0.02 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Tgt Ion: 63 Resp: 1592081

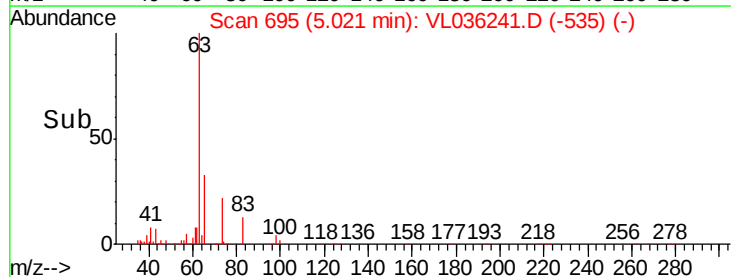
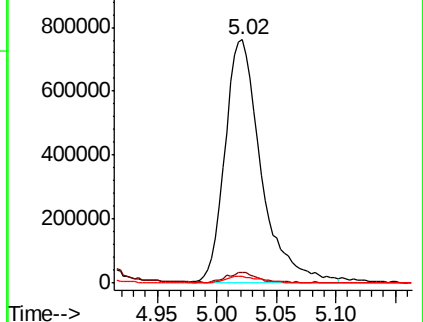
Ion	Ratio	Lower	Upper
63	100		
98	4.2	1.7	5.1
100	2.6	1.1	3.1

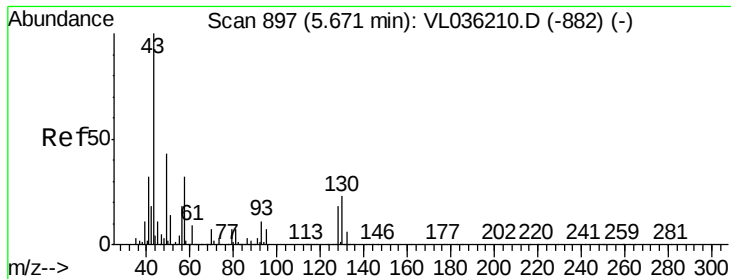


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



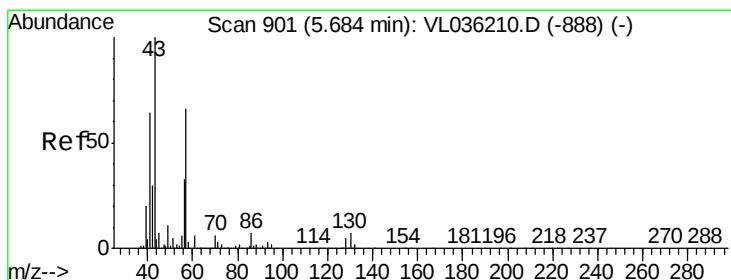
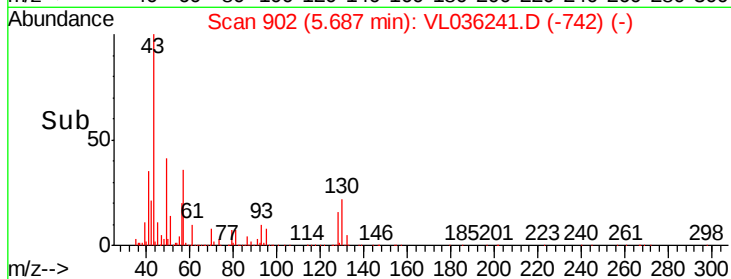
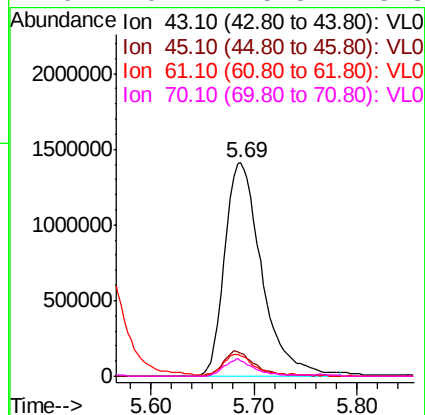
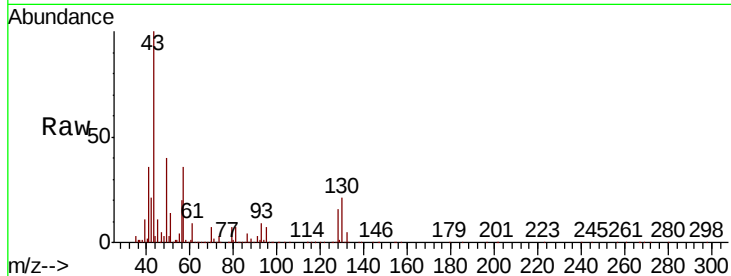


#25
Ethyl Acetate
Concen: 9.265 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.02 min
Lab File: VL036241.D
Acq: 14 Jan 2021 1:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tot Ion: 43 Resp: 3518694

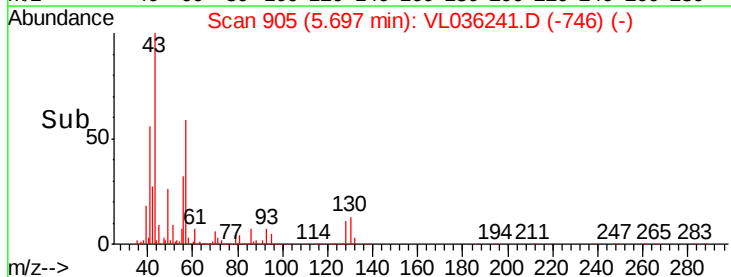
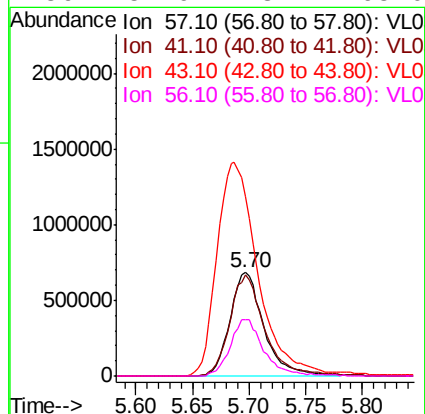
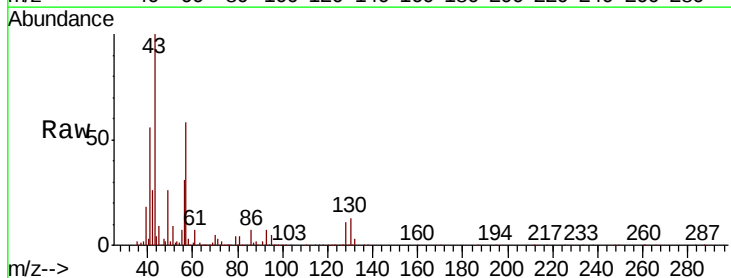
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.3	12.5
61	9.0	7.4	11.2
70	6.7	5.5	8.3

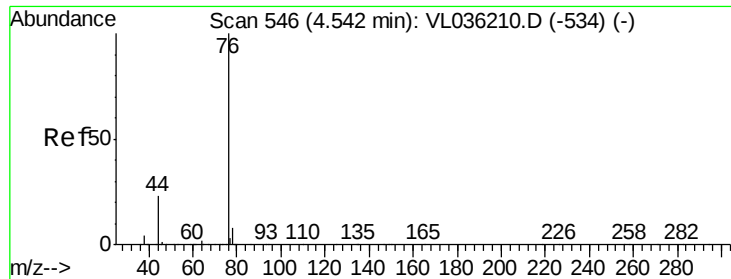


#26
Hexane
Concen: 8.945 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL036241.D
Acq: 14 Jan 2021 1:47

Tgt Ion: 57 Resp: 1420720

Ion	Ratio	Lower	Upper
57	100		
41	101.8	83.0	124.6
43	252.6	202.4	303.6
56	54.9	43.4	65.0





#27

Carbon Disulfide

Concen: 10.695 ppbv

RT: 4.56 min Scan# 551

Delta R.T. 0.02 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

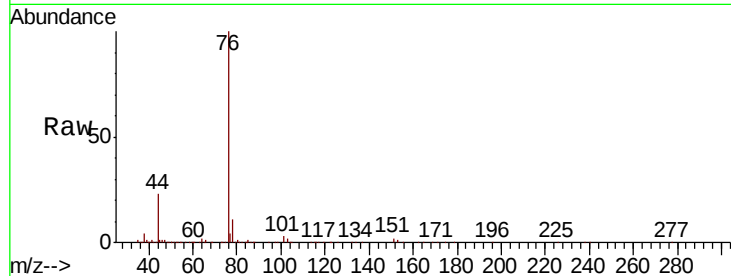
Tot Ion: 76 Resp: 1365386

Ion	Ratio	Lower	Upper
76	100		
44	23.2	19.0	28.6
78	9.5	8.0	12.0

76 100

44 23.2 19.0 28.6

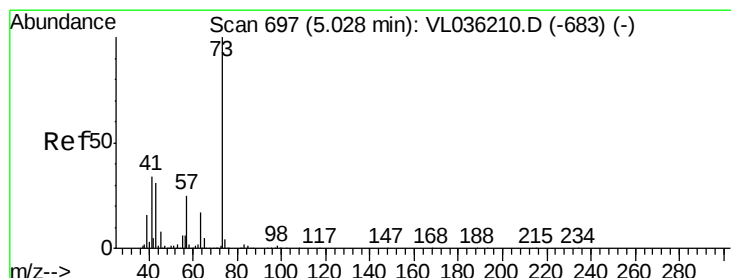
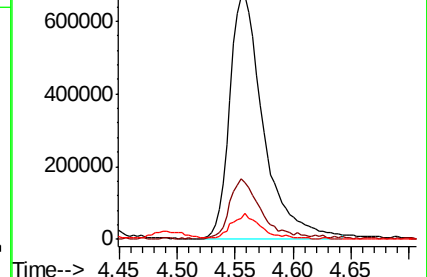
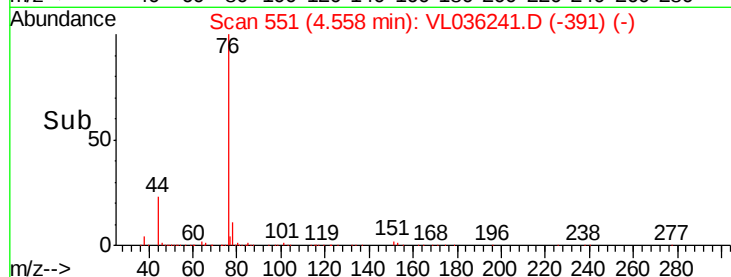
78 9.5 8.0 12.0



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: 9.239 ppbv

RT: 5.04 min Scan# 701

Delta R.T. 0.01 min

Lab File: VL036241.D

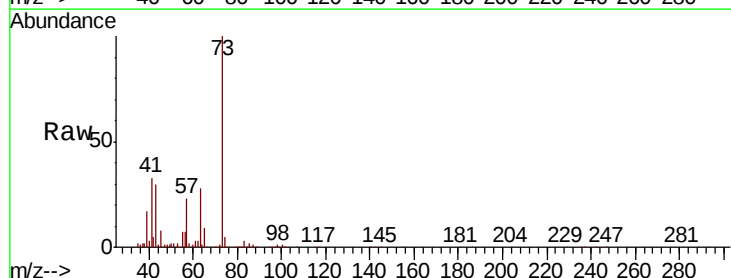
Acq: 14 Jan 2021 1:47

Tgt Ion: 73 Resp: 1981307

Ion	Ratio	Lower	Upper
73	100		
57	24.1	20.4	30.6

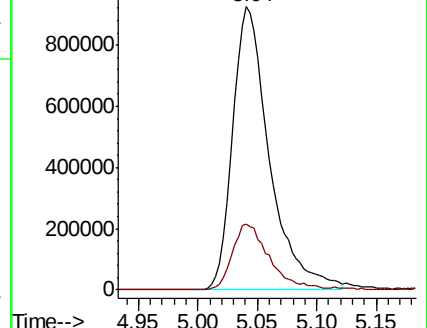
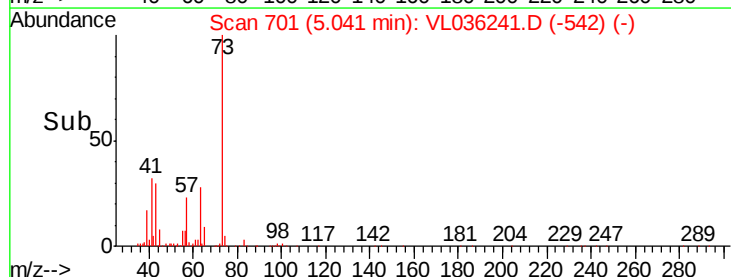
73 100

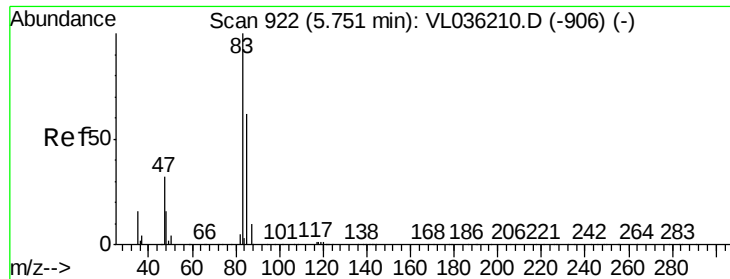
57 24.1 20.4 30.6



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 9.713 ppbv

RT: 5.76 min Scan# 926

Delta R.T. 0.01 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

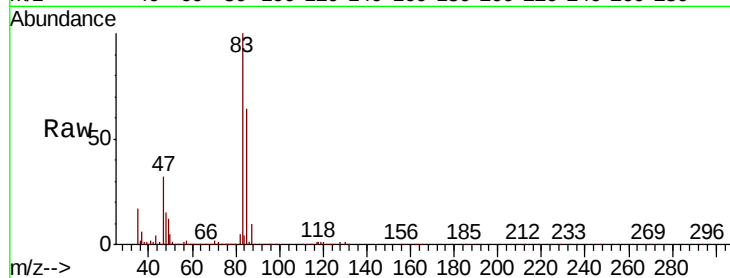
VSTDCCC010EC

Tot Ion: 83 Resp: 2258132

Ion Ratio Lower Upper

83 100

85 63.6 49.3 73.9



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

1200000

1000000

800000

600000

400000

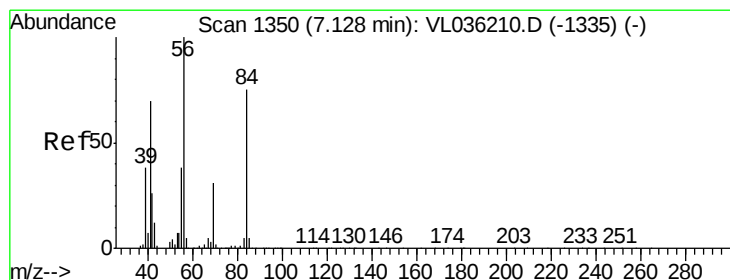
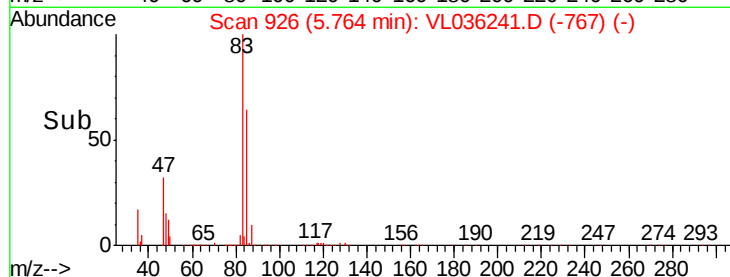
200000

0

5.76

5.70 5.80 5.90

Time-->



#30

Cyclohexane

Concen: 9.548 ppbv

RT: 7.14 min Scan# 1354

Delta R.T. 0.01 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

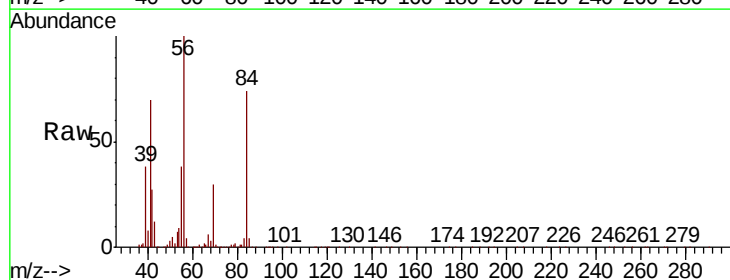
Tgt Ion: 84 Resp: 1184254

Ion Ratio Lower Upper

84 100

56 150.4 119.4 179.0

41 100.3 79.4 119.0



Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

1000000

800000

600000

400000

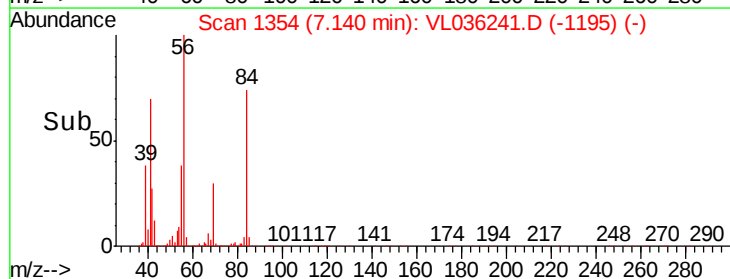
200000

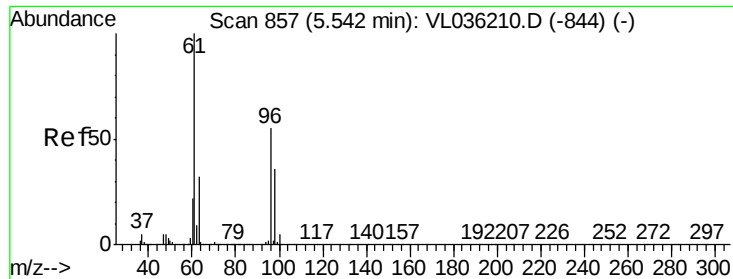
0

7.14

7.05 7.10 7.15 7.20 7.25

Time-->

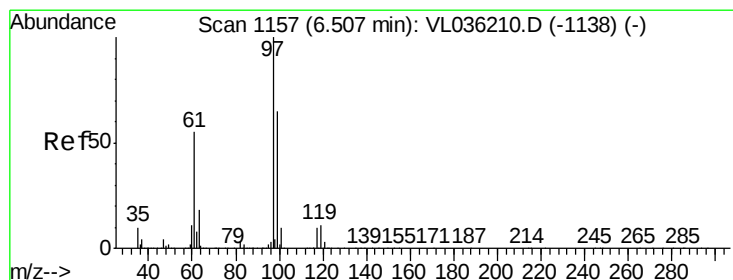
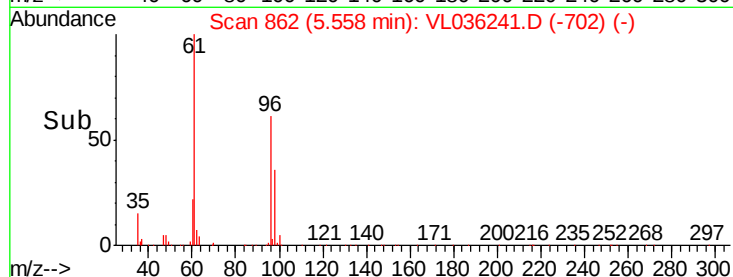
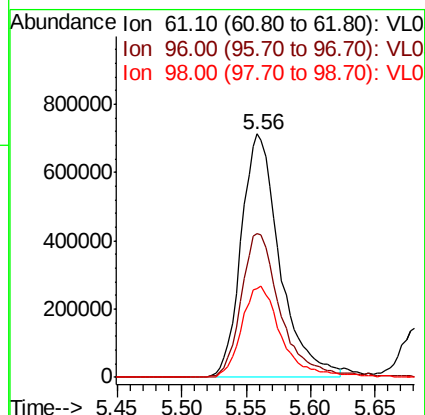
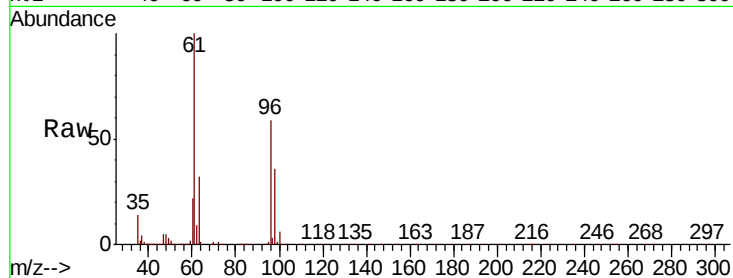




#31
 cis-1,2-Dichloroethene
 Concen: 9.682 ppbv
 RT: 5.56 min Scan# 862
 Delta R.T. 0.02 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

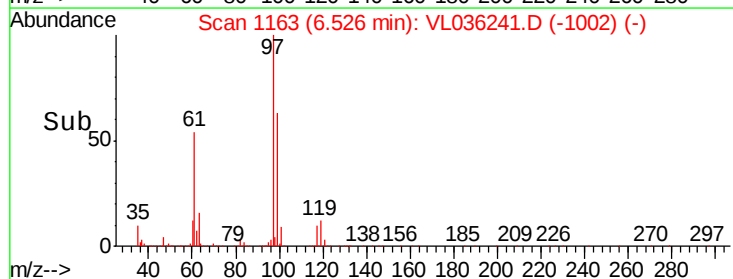
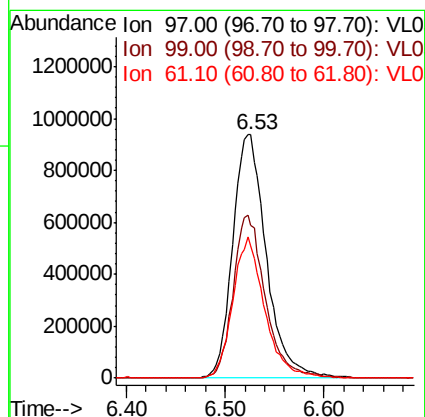
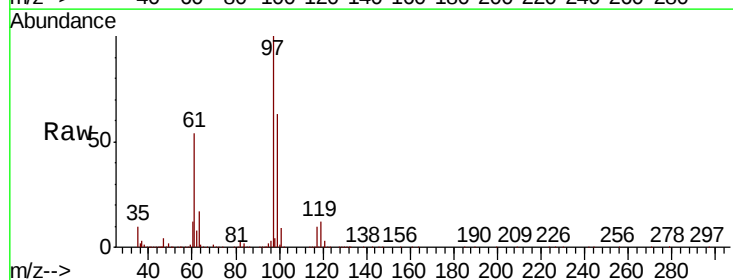
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

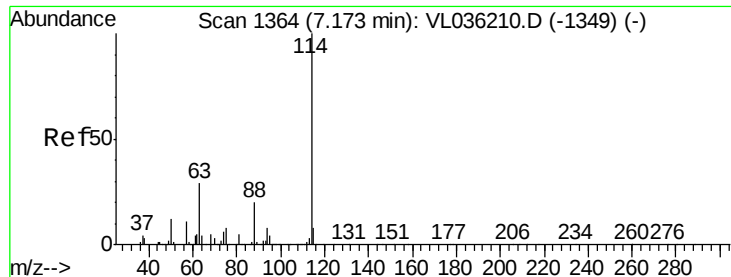
Tot Ion: 61 Resp: 1483115
 Ion Ratio Lower Upper
 61 100
 96 58.8 44.1 66.1
 98 36.2 28.6 42.8



#32
 1,1,1-Trichloroethane
 Concen: 9.916 ppbv
 RT: 6.53 min Scan# 1163
 Delta R.T. 0.02 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

Tgt Ion: 97 Resp: 2222218
 Ion Ratio Lower Upper
 97 100
 99 64.6 52.0 78.0
 61 55.5 43.6 65.4

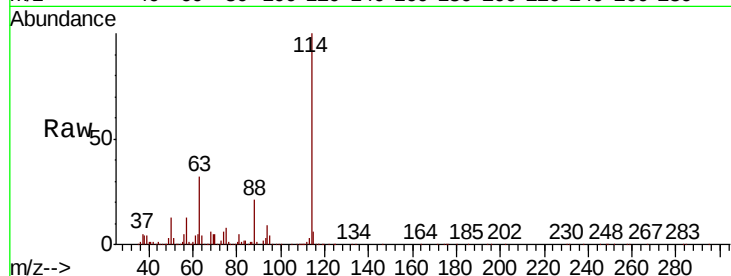




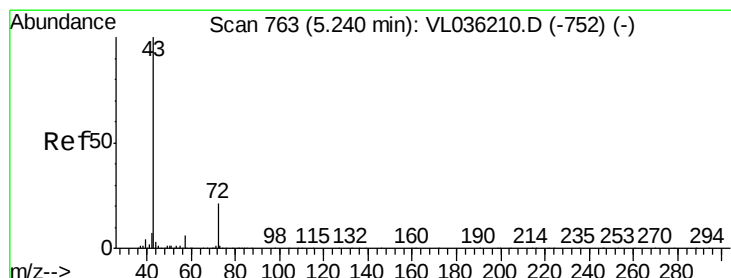
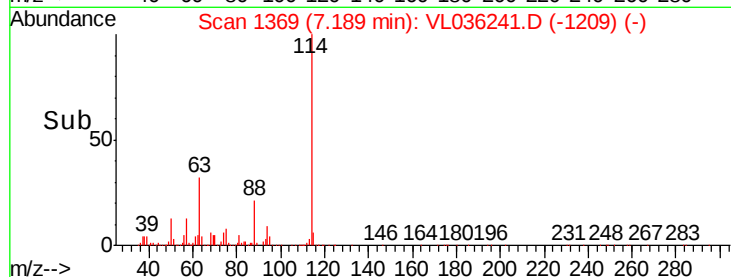
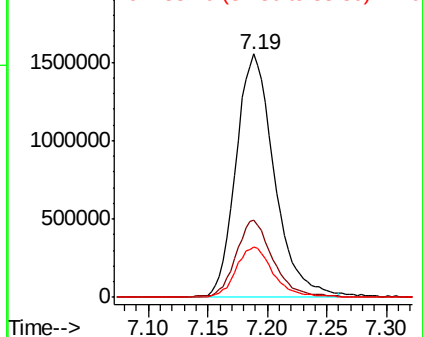
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.02 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:114 Resp: 3468850
 Ion Ratio Lower Upper
 114 100
 63 31.1 24.7 37.1
 88 20.3 16.6 24.8

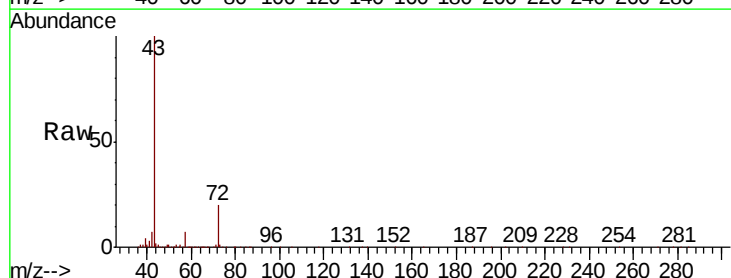


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

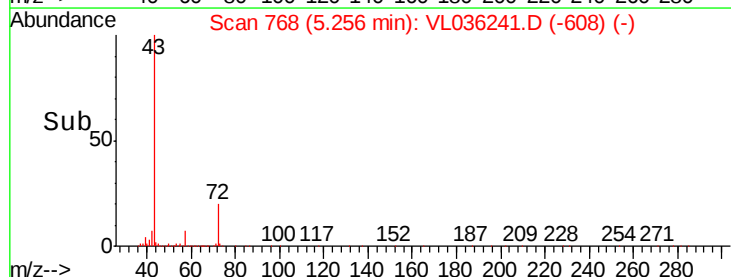
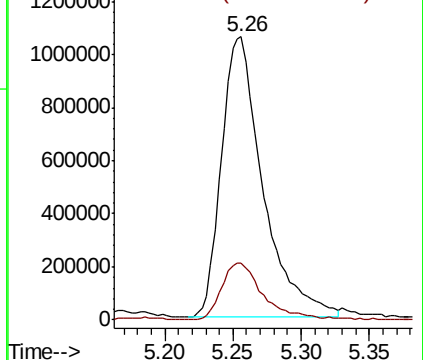


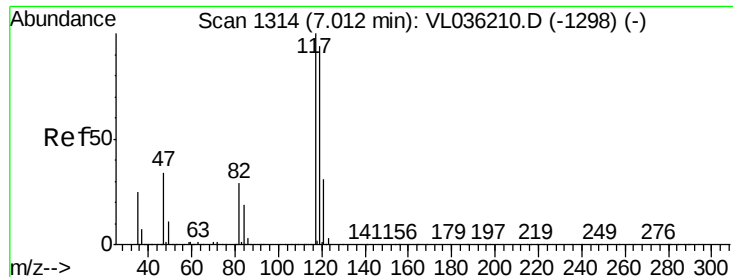
#34
 2-Butanone
 Concen: 10.041 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T. 0.02 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

Tgt Ion: 43 Resp: 2219819
 Ion Ratio Lower Upper
 43 100
 72 20.5 16.1 24.1



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 10.087 ppbv

RT: 7.03 min Scan# 1320

Delta R.T. 0.02 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

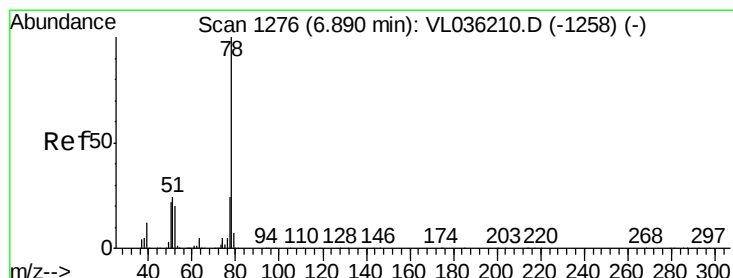
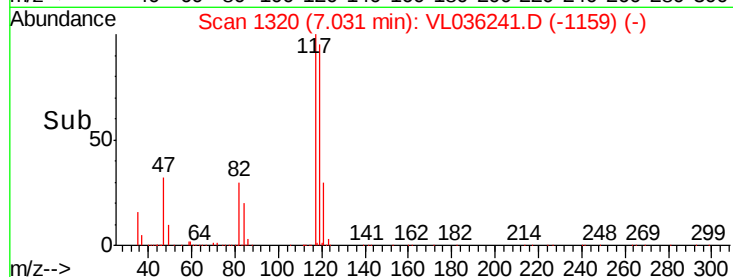
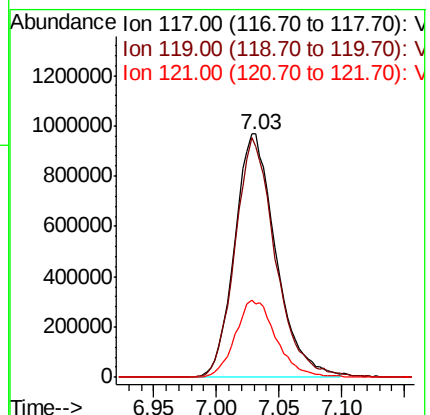
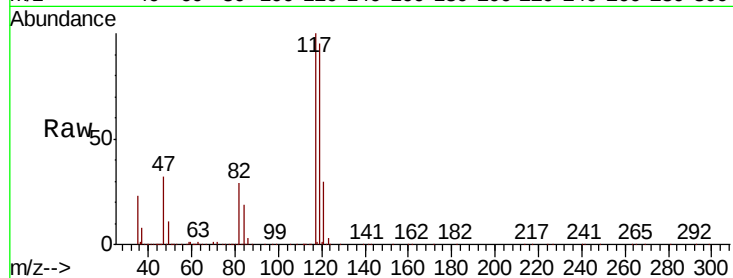
Tot Ion:117 Resp: 2210692

Ion Ratio Lower Upper

117 100

119 94.6 74.9 112.3

121 30.1 25.0 37.6



#36

Benzene

Concen: 9.291 ppbv

RT: 6.90 min Scan# 1280

Delta R.T. 0.01 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

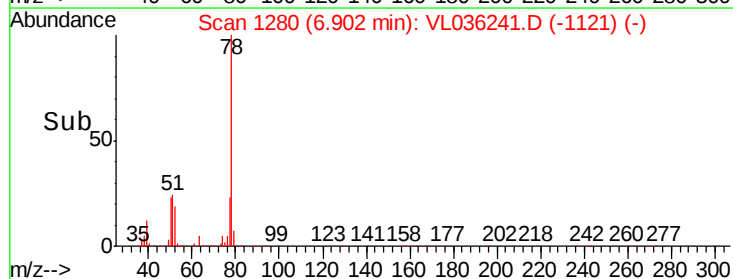
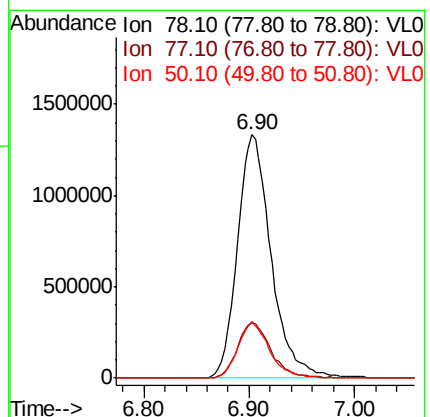
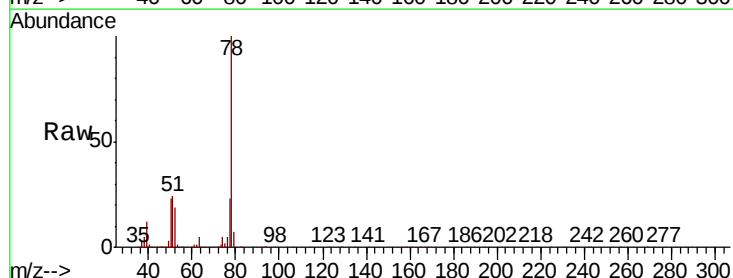
Tgt Ion: 78 Resp: 2953158

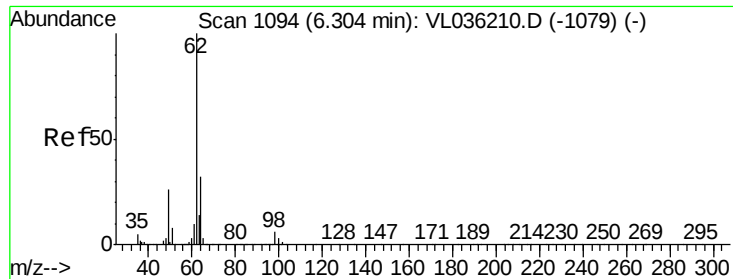
Ion Ratio Lower Upper

78 100

77 22.9 19.4 29.0

50 23.3 17.4 26.2

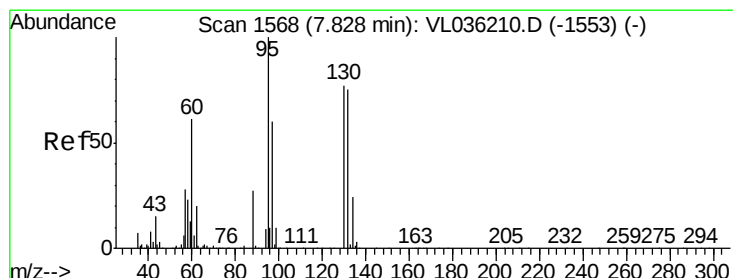
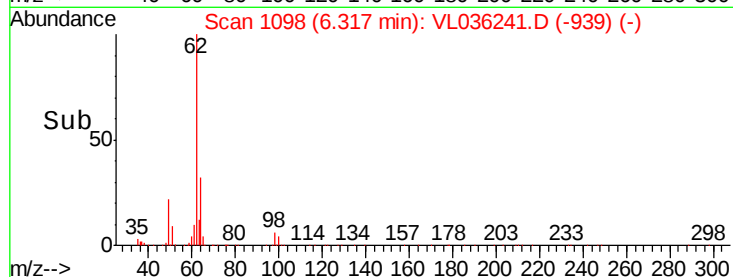
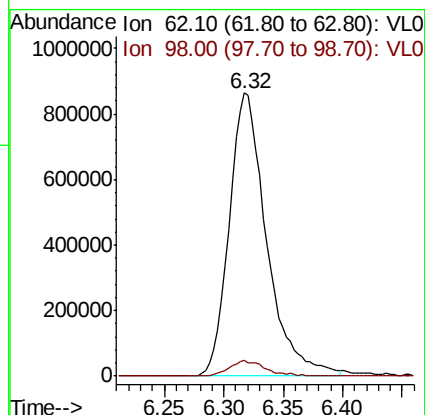
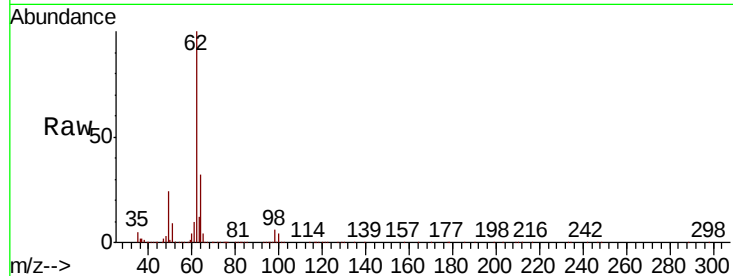




#37
 1,2-Dichloroethane
 Concen: 9.818 ppbv
 RT: 6.32 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

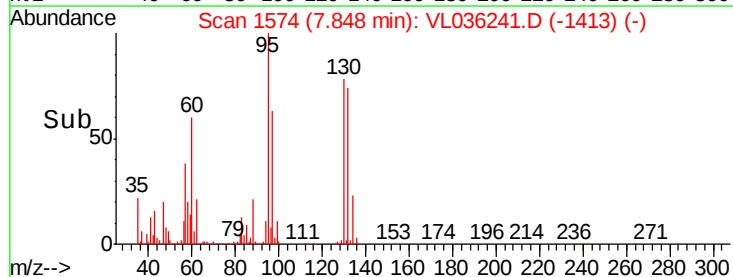
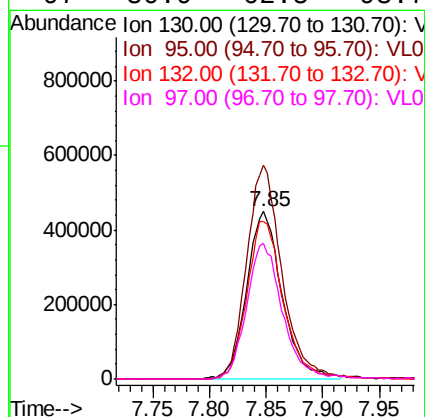
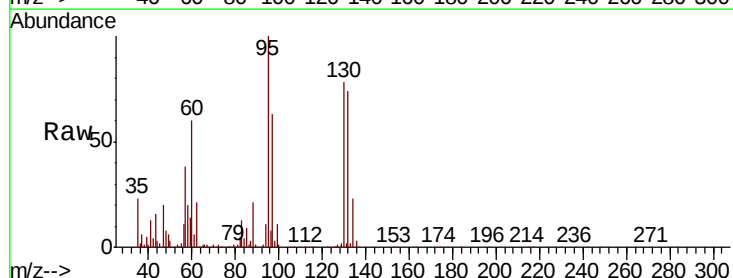
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

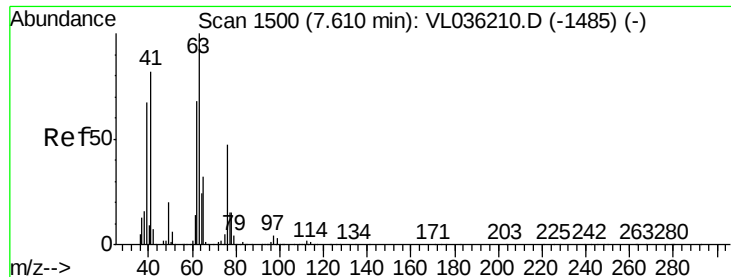
Tot Ion: 62 Resp: 1877770
 Ion Ratio Lower Upper
 62 100
 98 5.5 4.4 6.6



#38
 Trichloroethene
 Concen: 8.208 ppbv
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.02 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

Tgt Ion: 130 Resp: 975566
 Ion Ratio Lower Upper
 130 100
 95 127.7 103.9 155.9
 132 93.8 77.4 116.2
 97 80.9 62.5 93.7

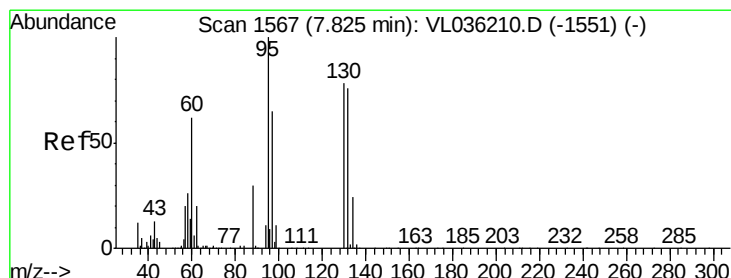
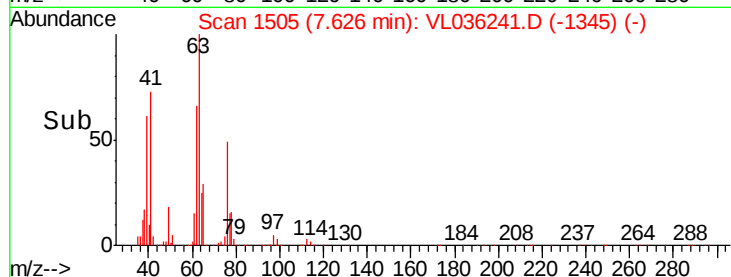
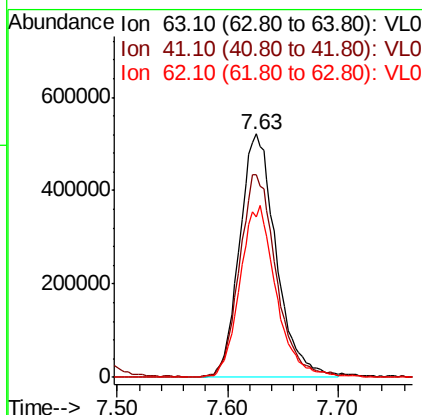
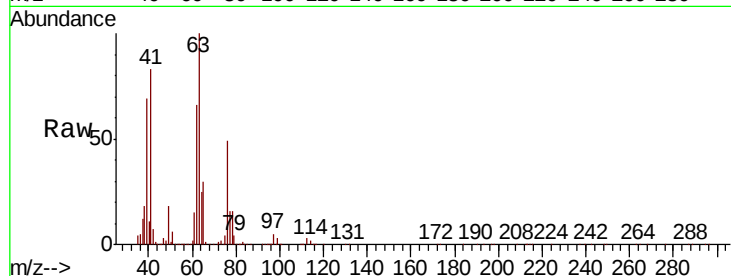




#39
 1,2-Dichloropropane
 Concen: 9.243 ppbv
 RT: 7.63 min Scan# 1505
 Delta R.T. 0.02 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

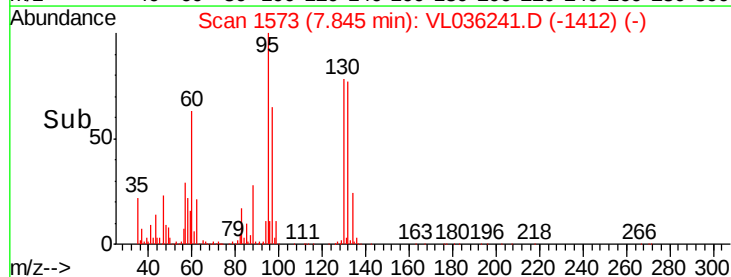
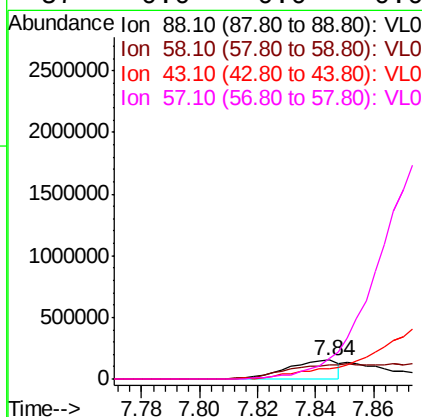
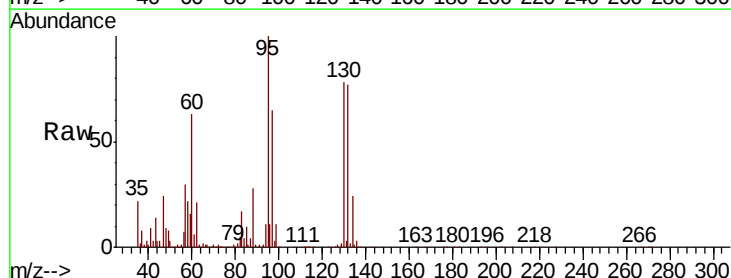
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

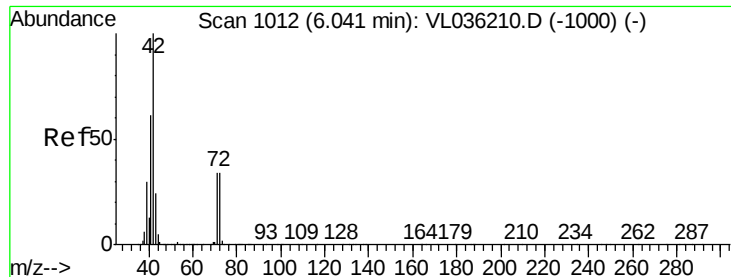
Tot Ion: 63 Resp: 1192757
 Ion Ratio Lower Upper
 63 100
 41 83.0 66.1 99.1
 62 66.0 54.8 82.2



#40
 1,4-Dioxane
 Concen: 3.922 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.02 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

Tgt Ion: 88 Resp: 183099
 Ion Ratio Lower Upper
 88 100
 58 0.0 123.0 184.6#
 43 0.0 0.0 0.0
 57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.131 ppbv

RT: 6.06 min Scan# 1017

Delta R.T. 0.02 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

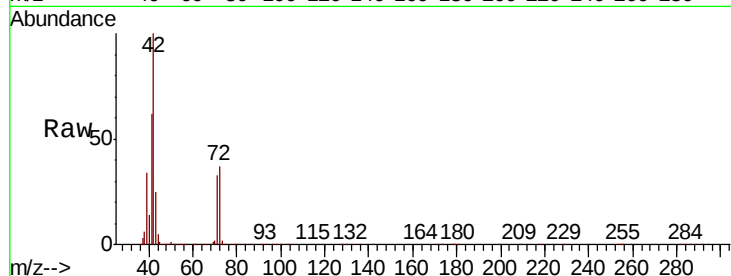
Tot Ion: 42 Resp: 1316884

Ion Ratio Lower Upper

42 100

72 36.4 29.5 44.3

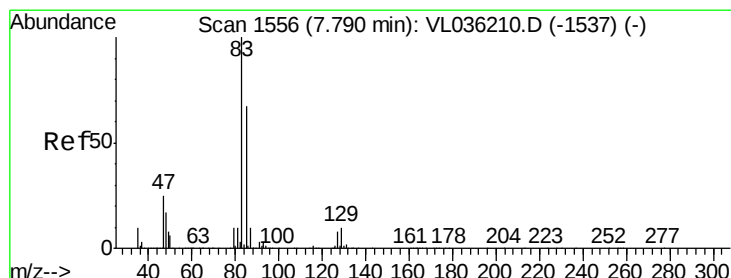
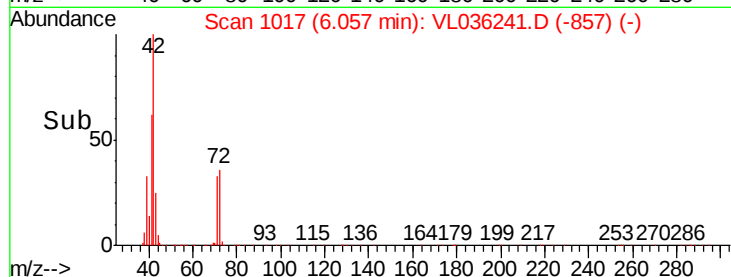
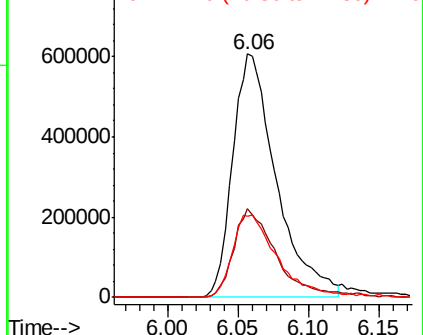
71 35.3 29.1 43.7



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: 10.136 ppbv

RT: 7.81 min Scan# 1561

Delta R.T. 0.02 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

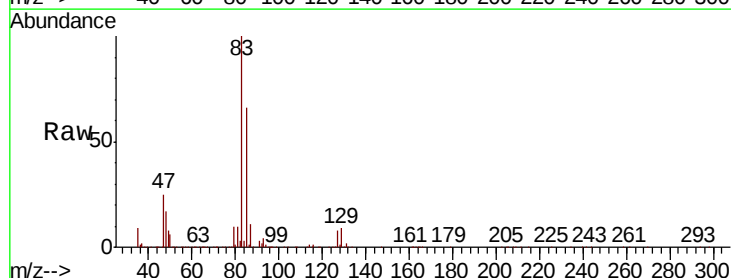
Tgt Ion: 83 Resp: 2436666

Ion Ratio Lower Upper

83 100

85 65.5 53.4 80.2

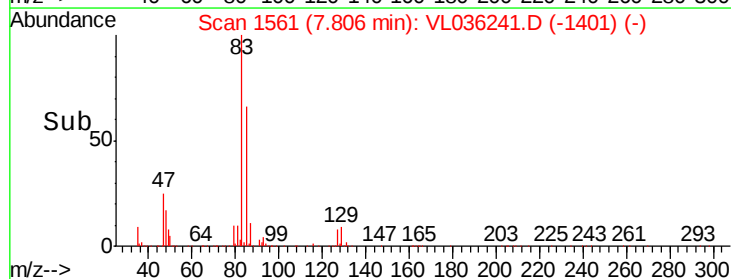
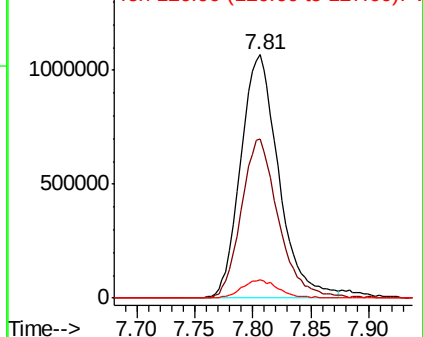
127 7.6 6.2 9.2

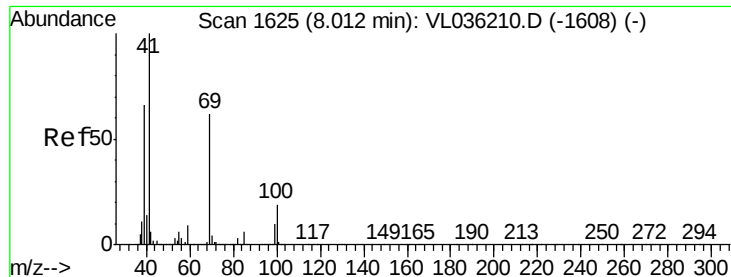


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V





#43

Methvl Methacrylate

Concen: 10.058 ppbv

RT: 8.02 min Scan# 1629

Delta R.T. 0.01 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

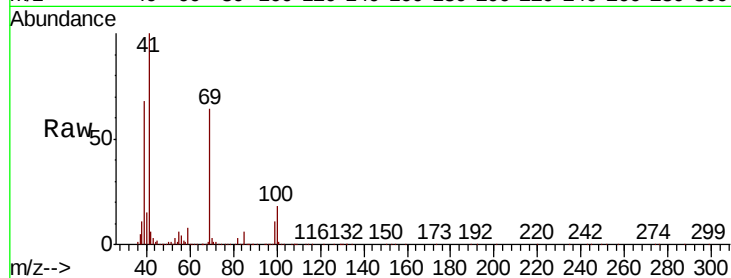
Tot Ion: 69 Resp: 1336155

Ion Ratio Lower Upper

69 100

41 161.5 133.4 200.2

100 28.9 24.3 36.5

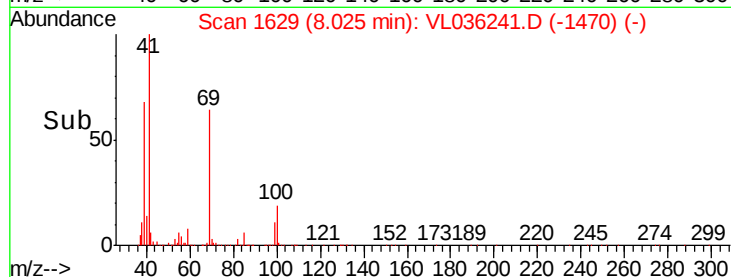


Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

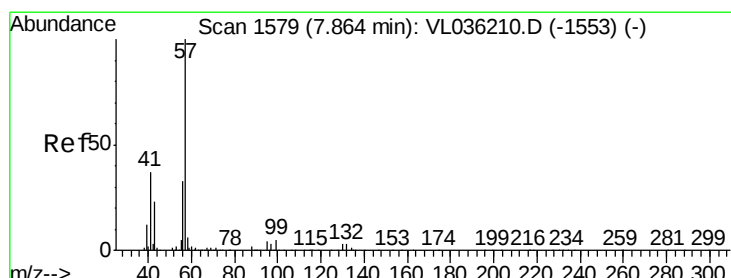
Ion 100.10 (99.80 to 100.80): VL0

Time-->



8.02

Time-->



#44

2,2,4-Trimethylpentane

Concen: 8.737 ppbv

RT: 7.88 min Scan# 1584

Delta R.T. 0.02 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

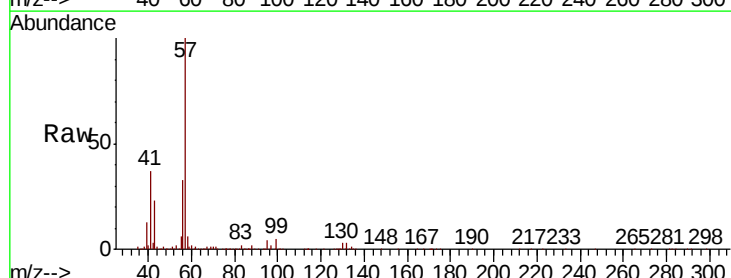
Tgt Ion: 57 Resp: 5100528

Ion Ratio Lower Upper

57 100

41 36.4 28.5 42.7

56 32.1 25.5 38.3

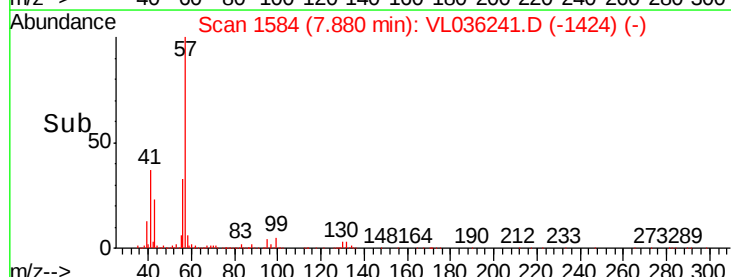


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

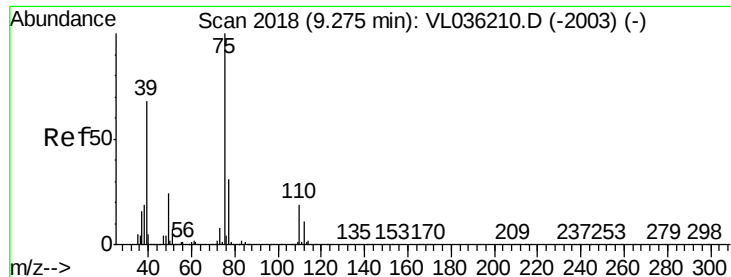
Ion 56.10 (55.80 to 56.80): VL0

Time-->



7.88

Time-->



#45

t-1,3-Dichloropropene

Concen: 10.772 ppbv

RT: 9.29 min Scan# 2023

Delta R.T. 0.02 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

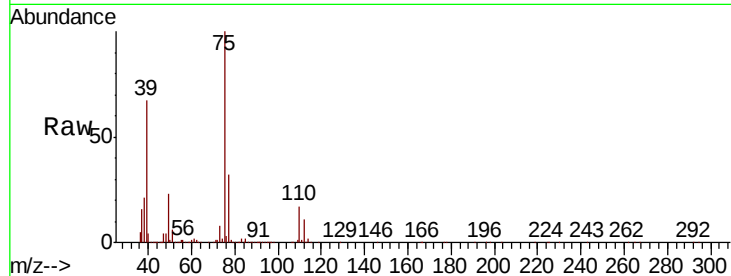
VSTDCCC010EC

Tot Ion: 75 Resp: 1382016

Ion Ratio Lower Upper

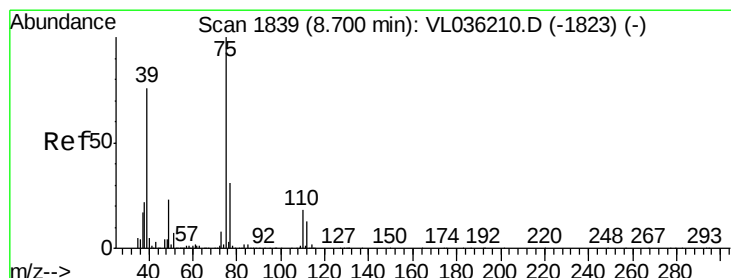
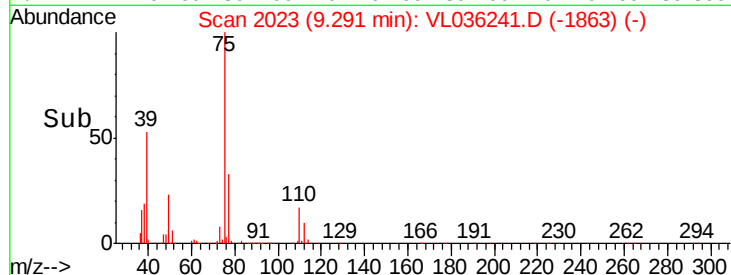
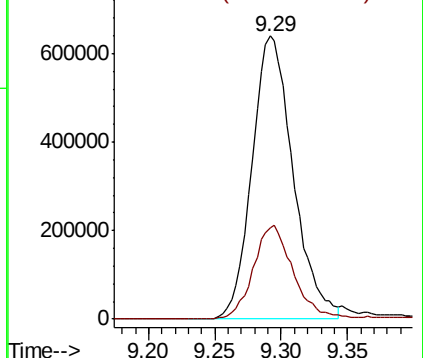
75 100

77 32.3 24.7 37.1



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#46

cis-1,3-Dichloropropene

Concen: 10.292 ppbv

RT: 8.72 min Scan# 1844

Delta R.T. 0.02 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

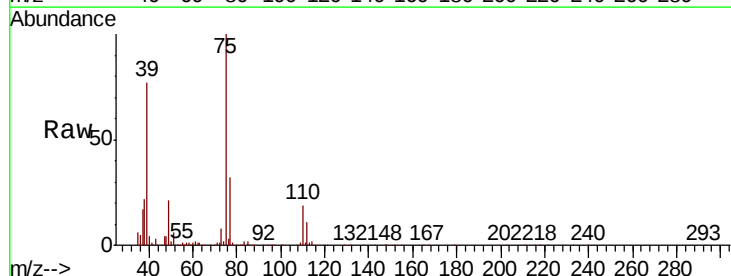
Tgt Ion: 75 Resp: 1696759

Ion Ratio Lower Upper

75 100

39 76.9 61.2 91.8

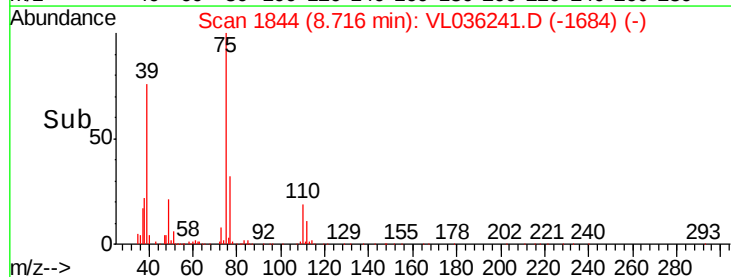
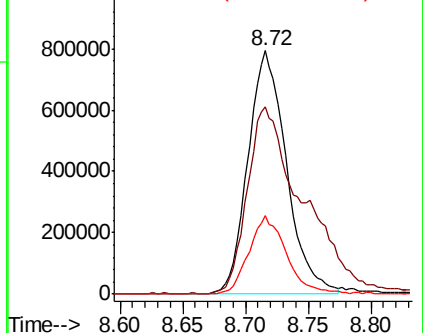
77 32.4 24.6 37.0

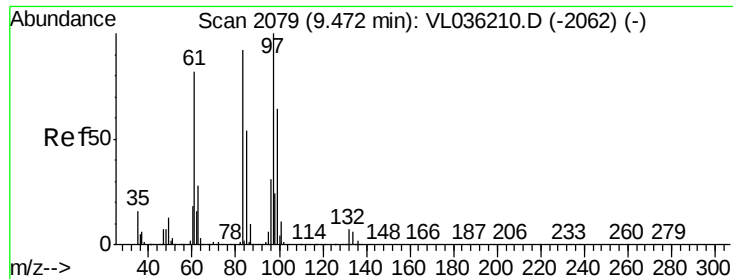


Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0



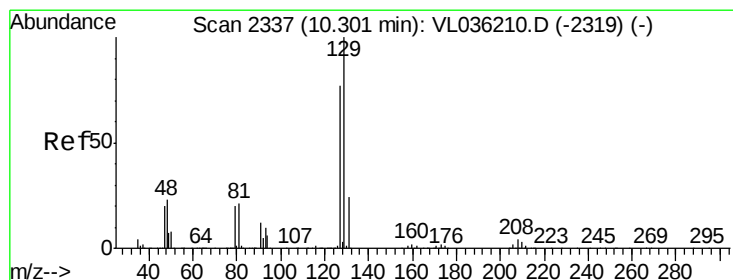
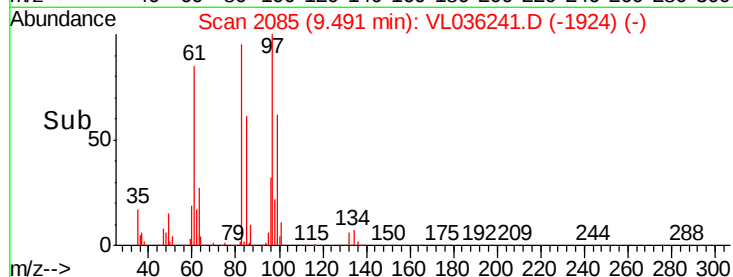
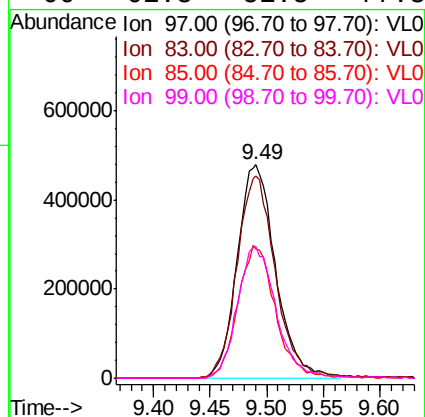
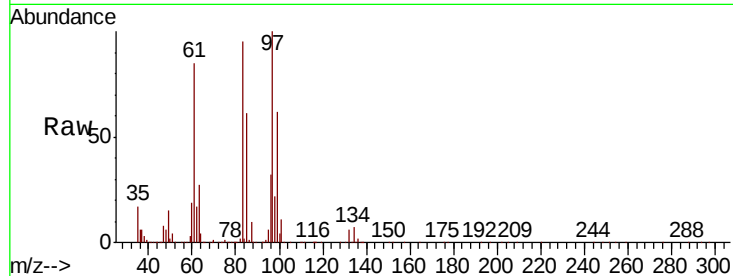


#47
 1,1,2-Trichloroethane
 Concen: 9.165 ppbv
 RT: 9.49 min Scan# 2085
 Delta R.T. 0.02 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 97 Resp: 1131462

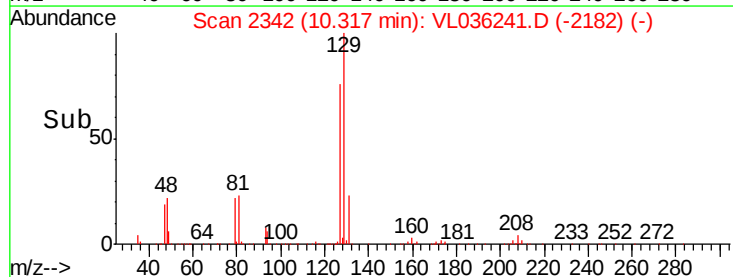
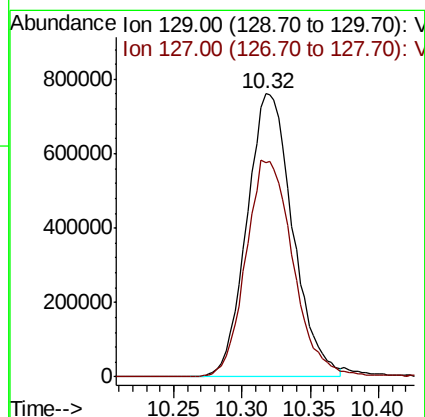
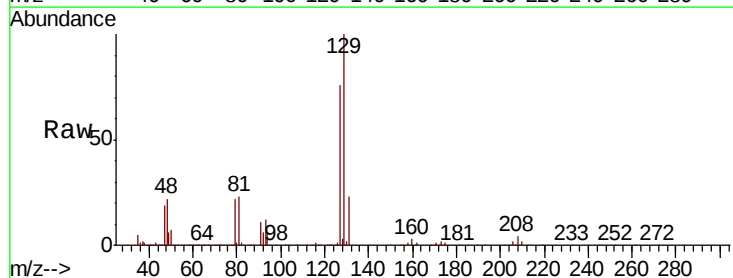
Ion	Ratio	Lower	Upper
97	100		
83	94.7	73.3	109.9
85	60.5	43.2	64.8
99	61.8	51.5	77.3

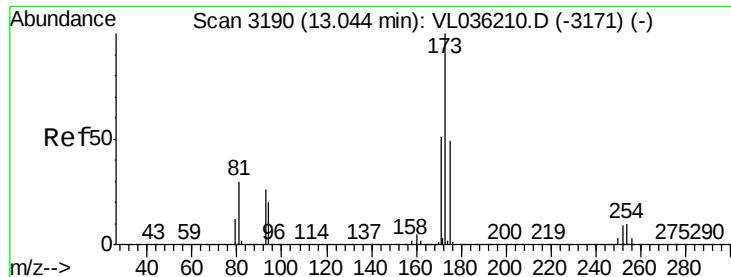


#48
 Dibromochloromethane
 Concen: 9.831 ppbv
 RT: 10.32 min Scan# 2342
 Delta R.T. 0.02 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

Tgt Ion: 129 Resp: 1775641

Ion	Ratio	Lower	Upper
129	100		
127	79.3	39.6	118.8





#49

Bromoform

Concen: 9.077 ppbv

RT: 13.06 min Scan# 3195

Delta R.T. 0.02 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

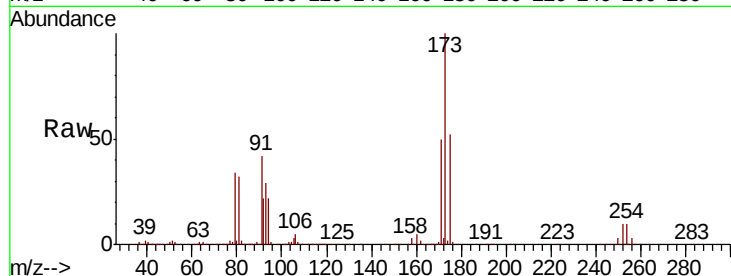
Tot Ion:173 Resp: 1338610

Ion Ratio Lower Upper

173 100

175 52.4 40.7 61.1

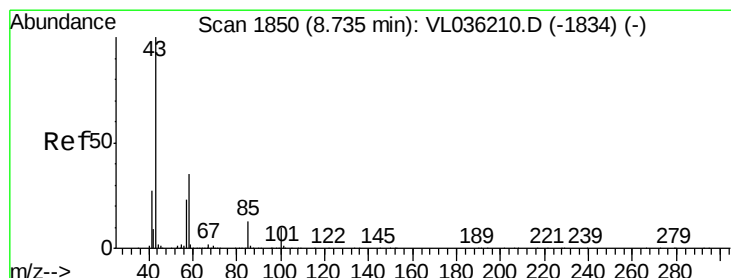
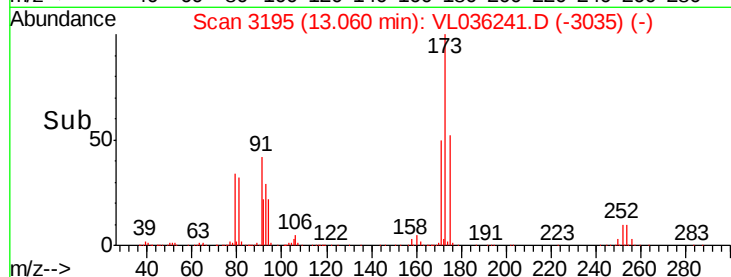
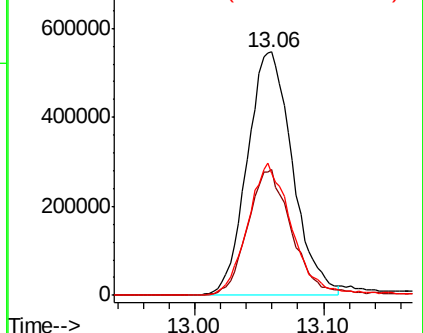
171 53.5 43.0 64.6



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: 9.282 ppbv

RT: 8.75 min Scan# 1856

Delta R.T. 0.02 min

Lab File: VL036241.D

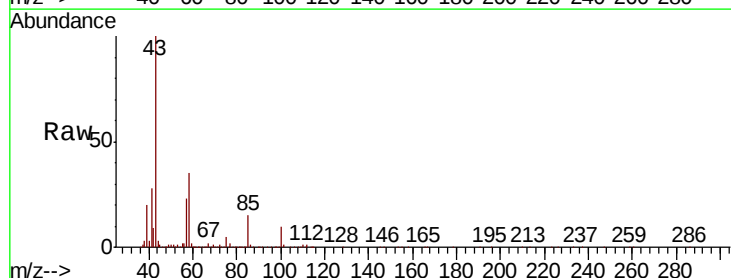
Acq: 14 Jan 2021 1:47

Tgt Ion: 43 Resp: 3440119

Ion Ratio Lower Upper

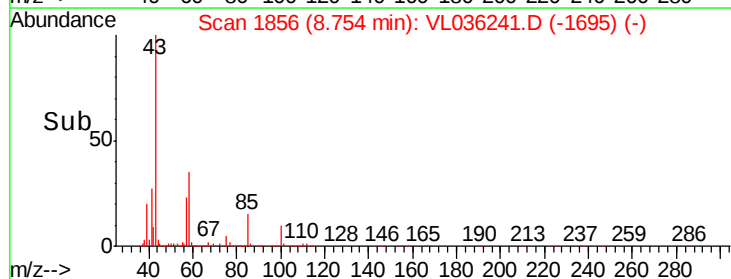
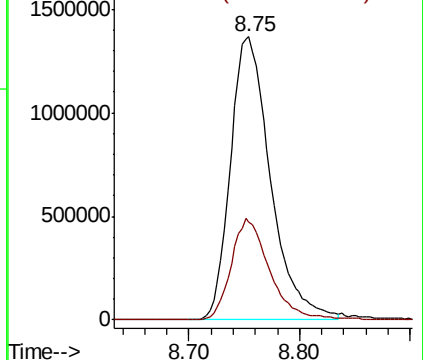
43 100

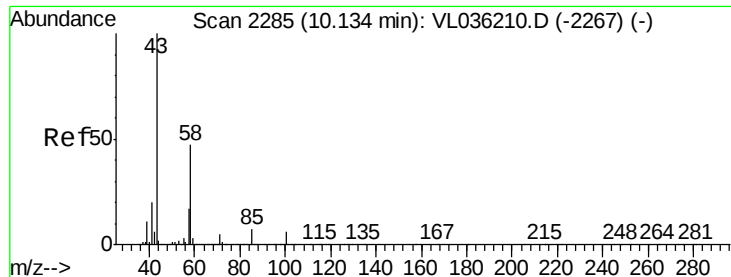
58 34.5 27.6 41.4



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

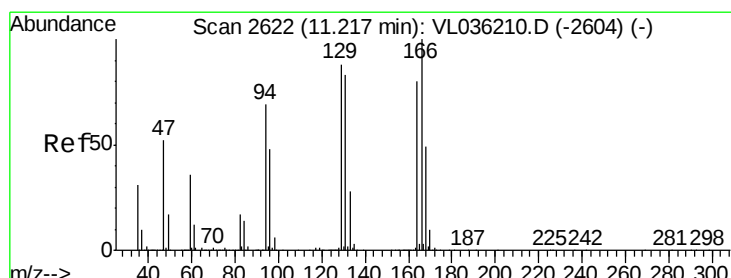
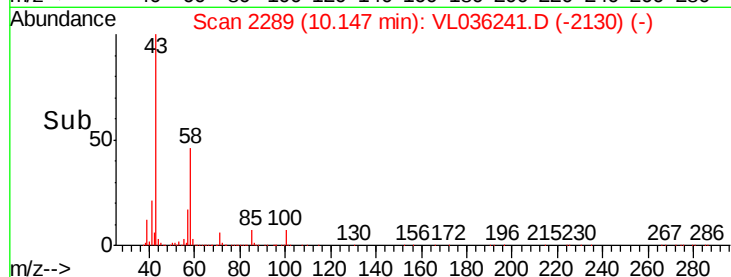
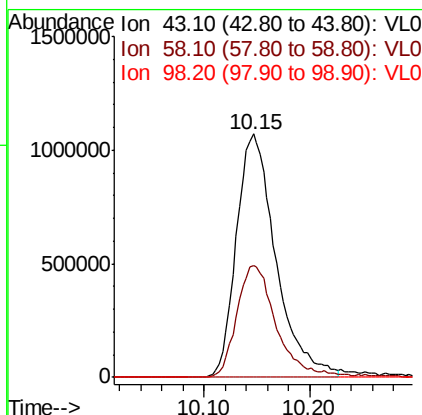
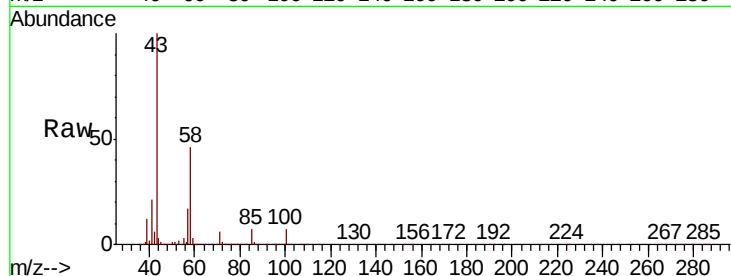




#51
2-Hexanone
Concen: 9.643 ppbv
RT: 10.15 min Scan# 2289
Delta R.T. 0.01 min
Lab File: VL036241.D
Acq: 14 Jan 2021 1:47

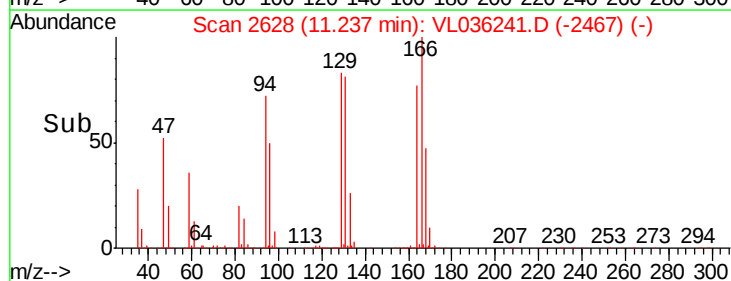
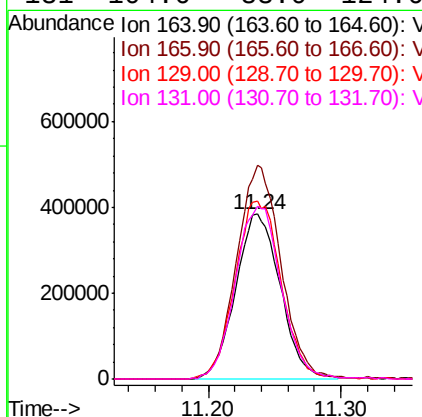
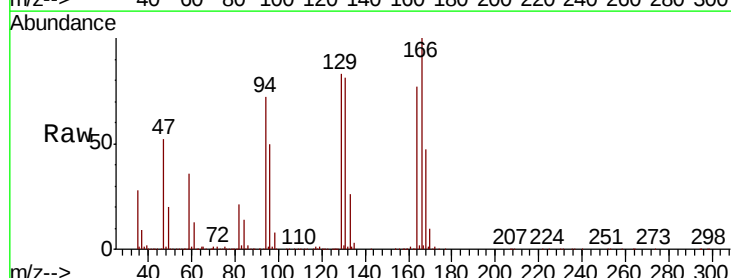
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

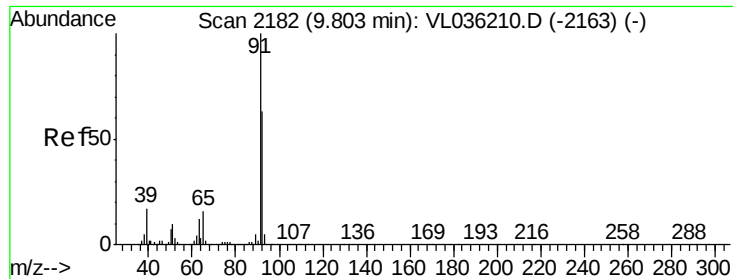
Tot Ion: 43 Resp: 2786952
Ion Ratio Lower Upper
43 100
58 47.0 37.4 56.0
98 0.3 0.2 0.2#



#52
Tetrachloroethene
Concen: 7.617 ppbv
RT: 11.24 min Scan# 2628
Delta R.T. 0.02 min
Lab File: VL036241.D
Acq: 14 Jan 2021 1:47

Tgt Ion: 164 Resp: 892179
Ion Ratio Lower Upper
164 100
166 129.7 99.9 149.9
129 108.0 88.2 132.4
131 104.6 83.0 124.6





#53

Toluene

Concen: 9.116 ppbv

RT: 9.82 min Scan# 2187

Delta R.T. 0.02 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

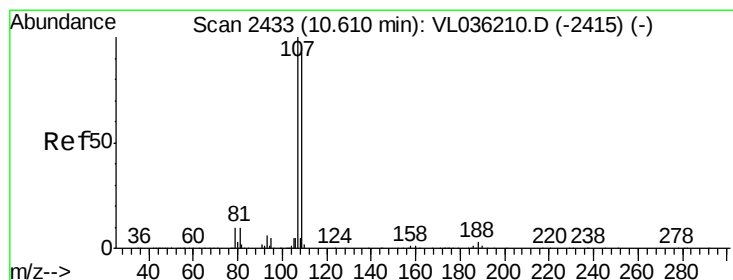
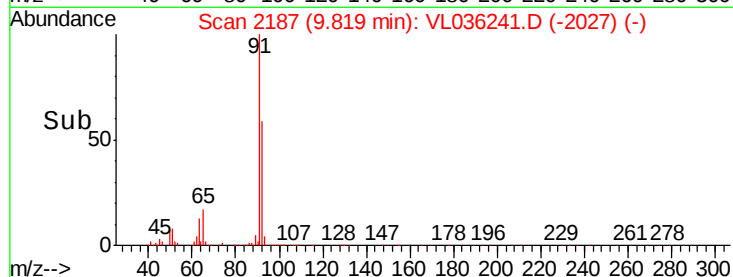
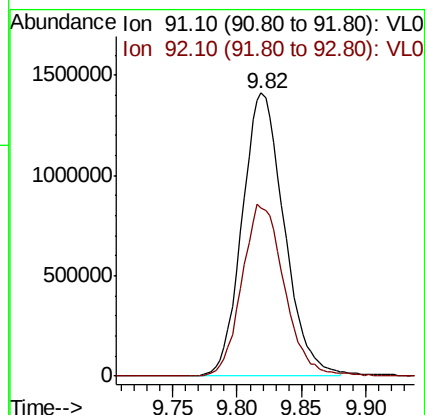
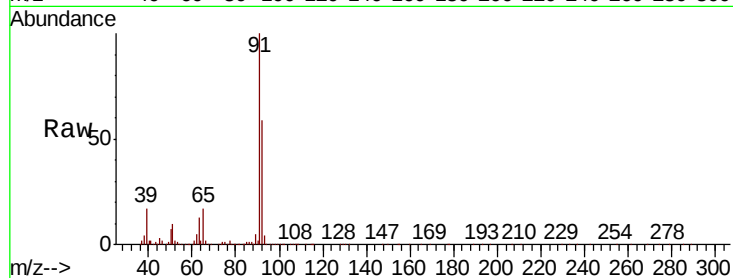
VSTDCCC010EC

Tot Ion: 91 Resp: 3207191

Ion Ratio Lower Upper

91 100

92 61.6 48.5 72.7



#54

1,2-Dibromoethane

Concen: 9.129 ppbv

RT: 10.63 min Scan# 2438

Delta R.T. 0.02 min

Lab File: VL036241.D

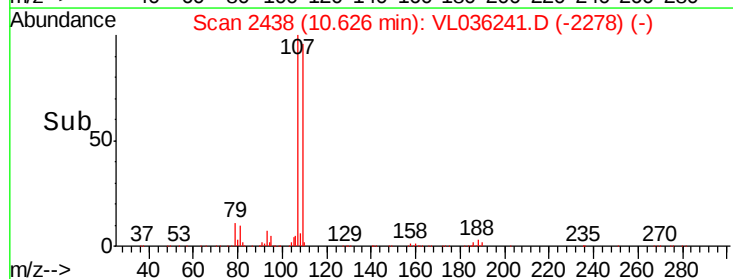
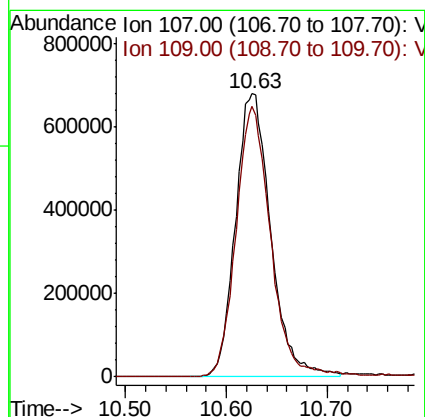
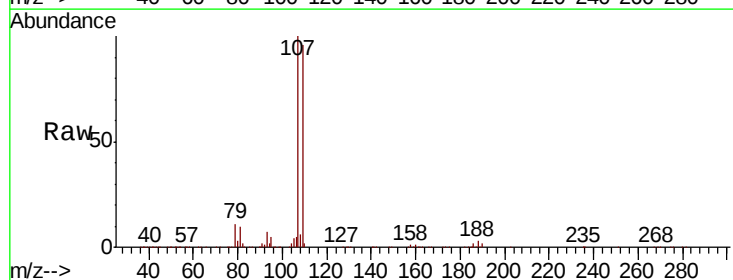
Acq: 14 Jan 2021 1:47

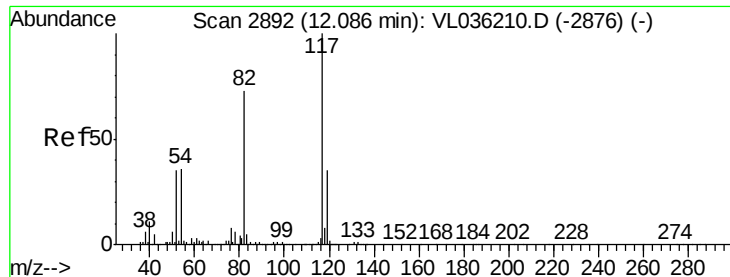
Tgt Ion: 107 Resp: 1651872

Ion Ratio Lower Upper

107 100

109 95.7 74.5 111.7

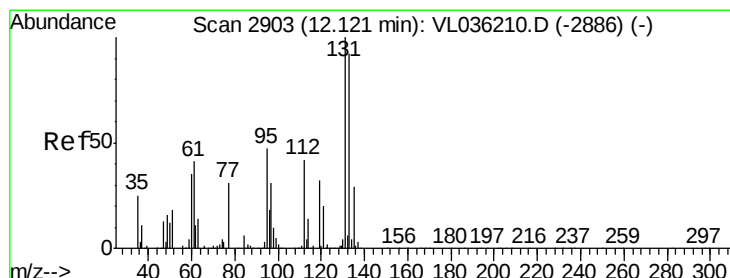
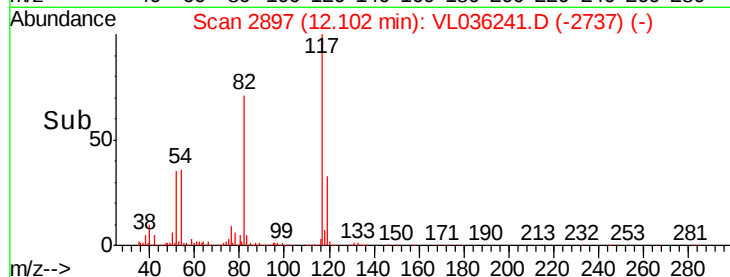
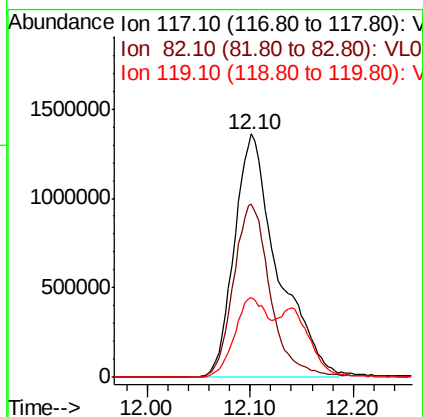
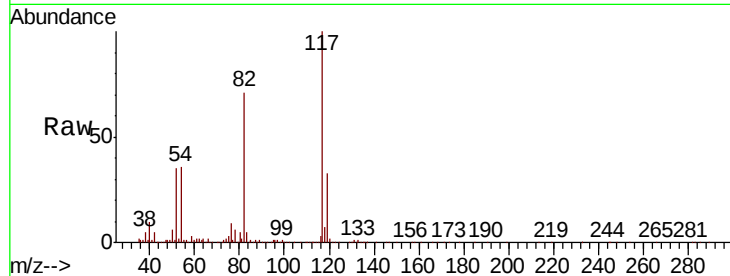




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.02 min
Lab File: VL036241.D
Acq: 14 Jan 2021 1:47

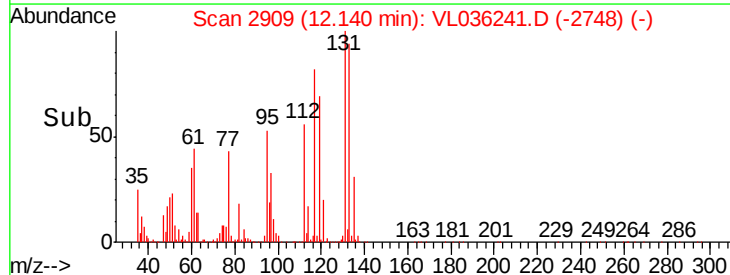
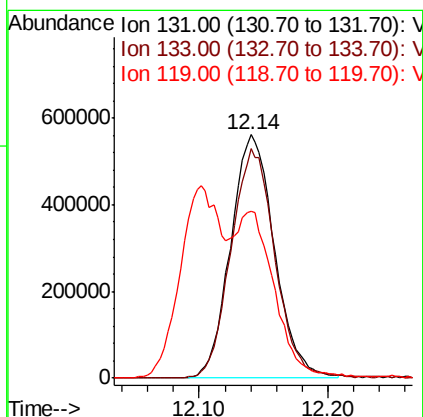
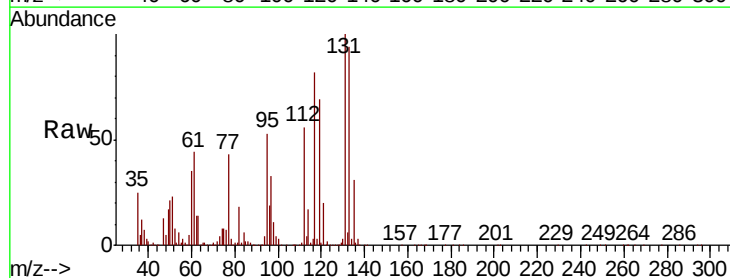
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

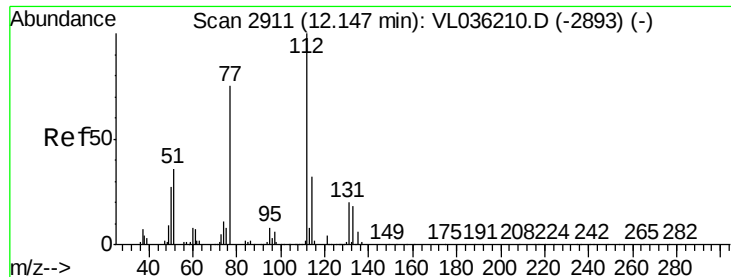
Tot Ion:117 Resp: 3988198
Ion Ratio Lower Upper
117 100
82 60.8 59.7 89.5
119 26.2 28.6 43.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.364 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. 0.02 min
Lab File: VL036241.D
Acq: 14 Jan 2021 1:47

Tgt Ion:131 Resp: 1310722
Ion Ratio Lower Upper
131 100
133 95.9 76.5 114.7
119 57.4 45.4 68.0





#57

Chlorobenzene

Concen: 6.909 ppbv

RT: 12.17 min Scan# 2917

Delta R.T. 0.02 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

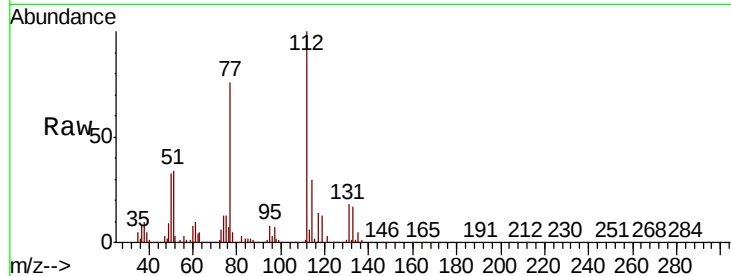
Tot Ion: 112 Resp: 2161778

Ion Ratio Lower Upper

112 100

77 73.6 59.6 89.4

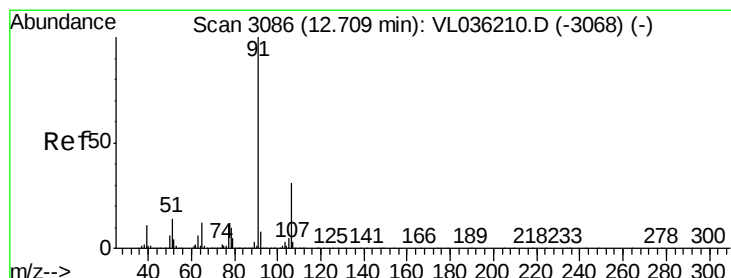
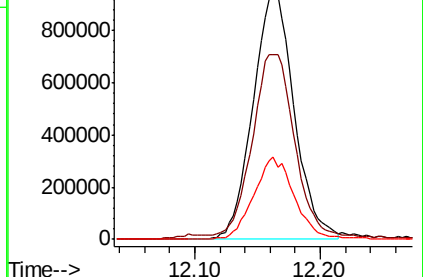
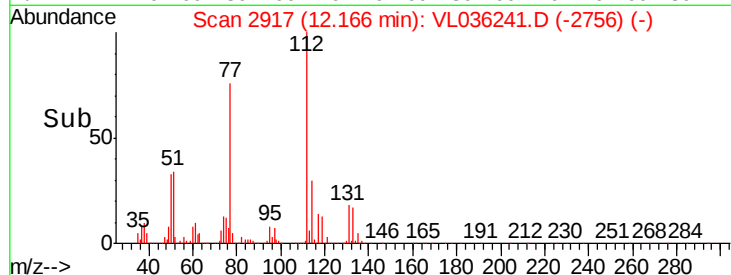
114 29.5 28.7 35.1



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 7.196 ppbv

RT: 12.73 min Scan# 3091

Delta R.T. 0.02 min

Lab File: VL036241.D

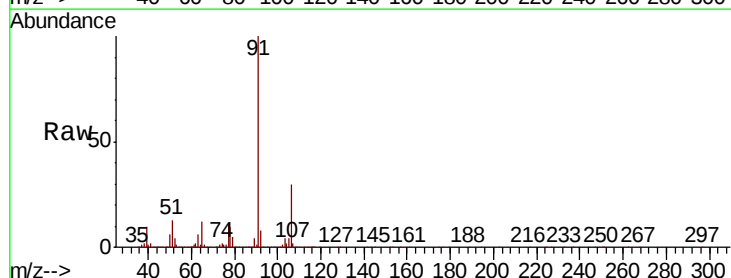
Acq: 14 Jan 2021 1:47

Tgt Ion: 91 Resp: 4258834

Ion Ratio Lower Upper

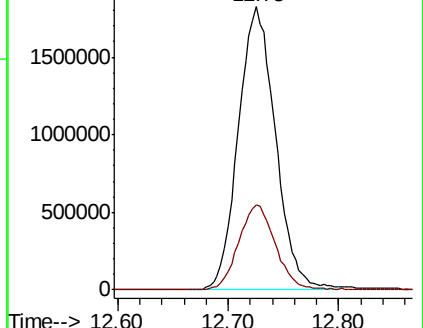
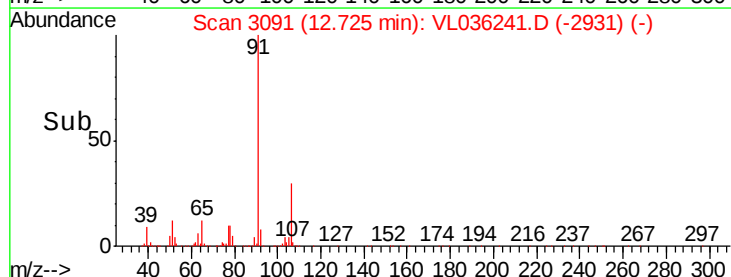
91 100

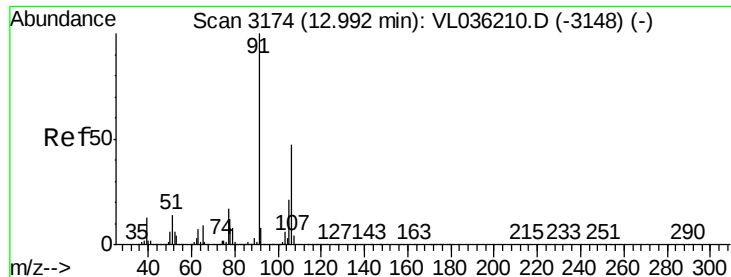
106 30.0 24.8 37.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

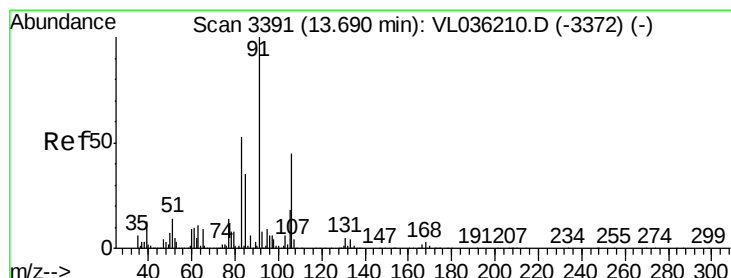
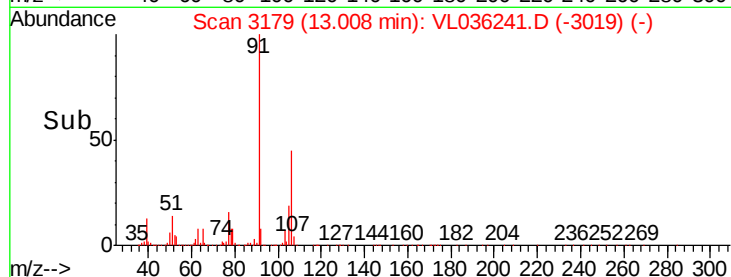
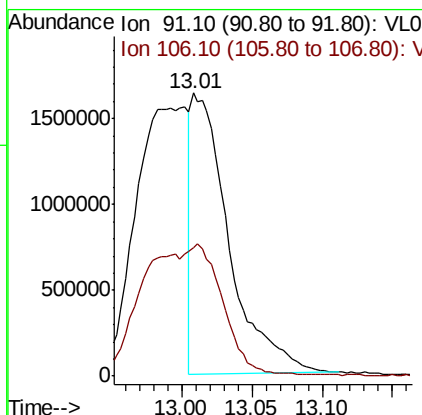
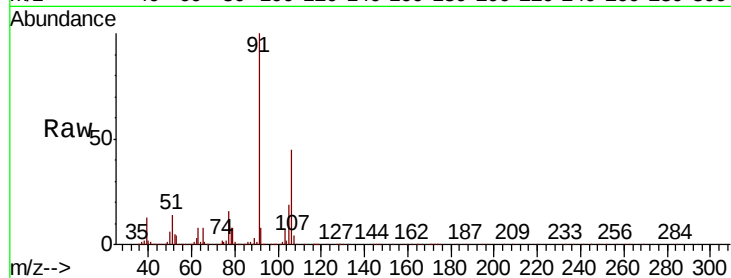




#59
m/p-Xylene
Concen: 5.839 ppbv
RT: 13.01 min Scan# 3179
Delta R.T. 0.02 min
Lab File: VL036241.D
Acq: 14 Jan 2021 1:47

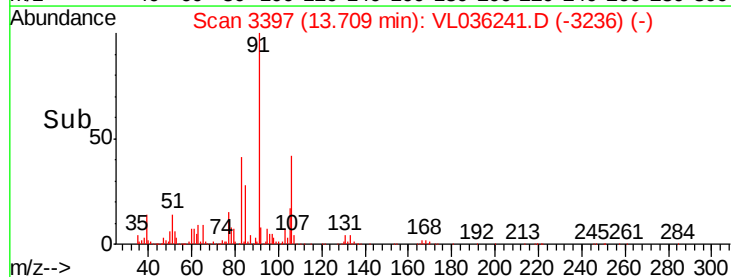
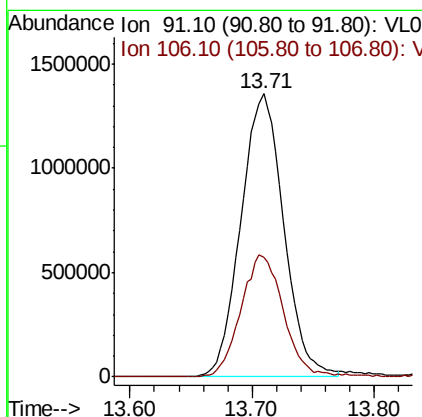
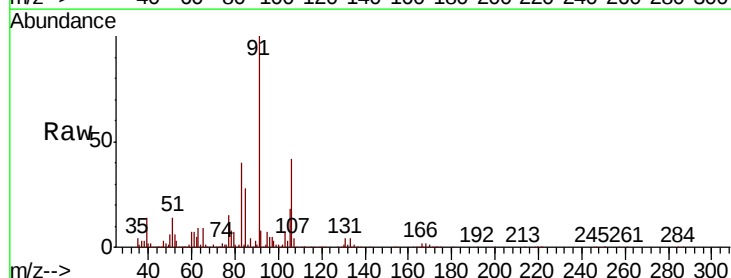
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

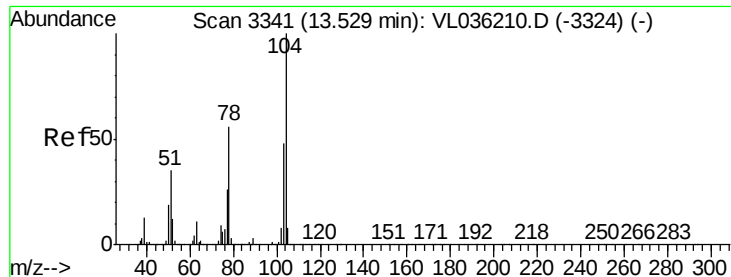
Tot Ion: 91 Resp: 2969290
Ion Ratio Lower Upper
91 100
106 102.4 34.6 51.8#



#60
o-Xylene
Concen: 6.689 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. 0.02 min
Lab File: VL036241.D
Acq: 14 Jan 2021 1:47

Tgt Ion: 91 Resp: 3278722
Ion Ratio Lower Upper
91 100
106 43.2 21.9 65.8





#61

Stvrene

Concen: 7.376 ppbv

RT: 13.55 min Scan# 3346

Delta R.T. 0.02 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

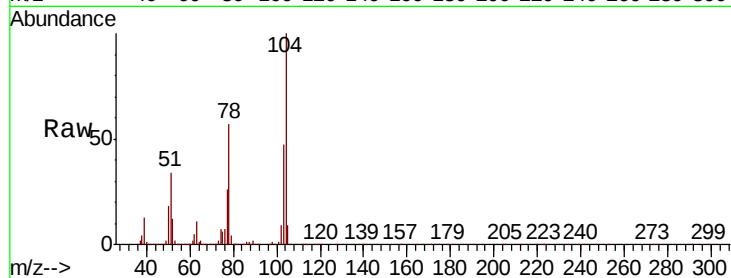
Tot Ion:104 Resp: 2283051

Ion Ratio Lower Upper

104 100

78 59.5 46.8 70.2

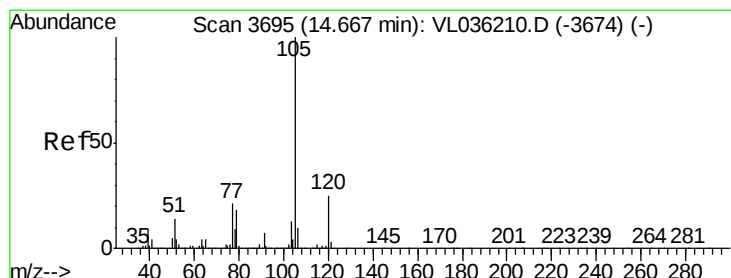
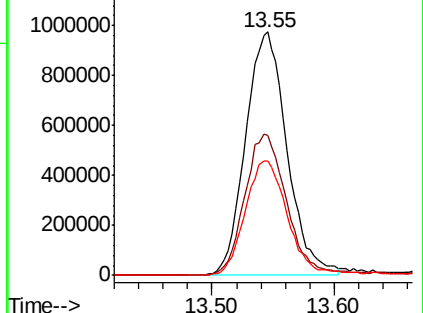
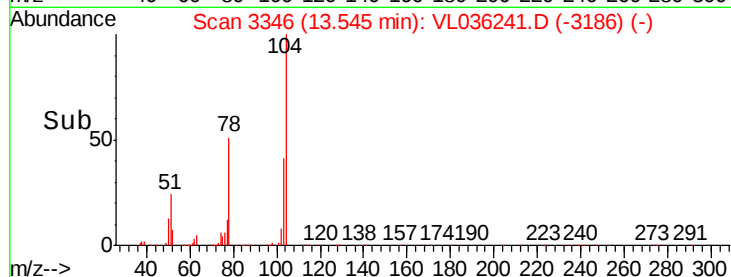
103 48.8 38.4 57.6



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: 6.707 ppbv

RT: 14.68 min Scan# 3700

Delta R.T. 0.02 min

Lab File: VL036241.D

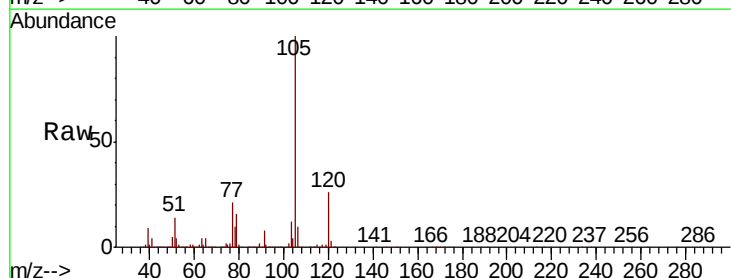
Acq: 14 Jan 2021 1:47

Tgt Ion:105 Resp: 4888255

Ion Ratio Lower Upper

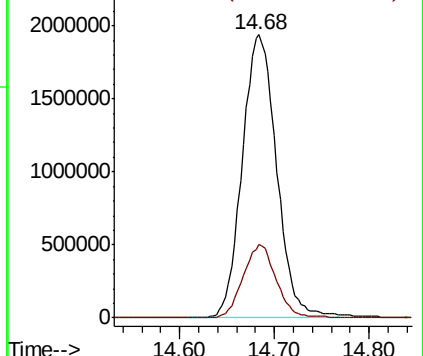
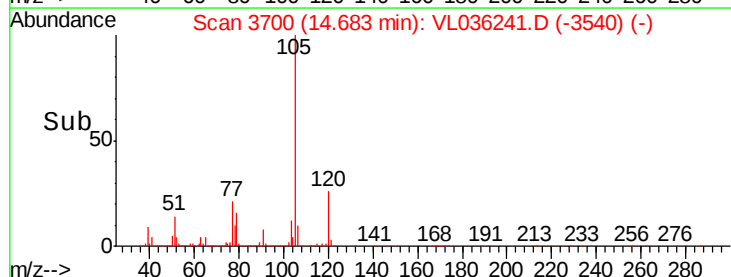
105 100

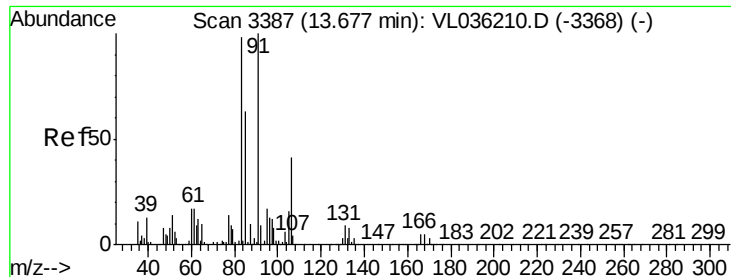
120 25.2 20.3 30.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

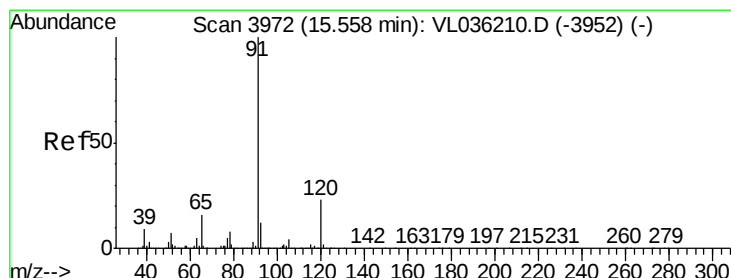
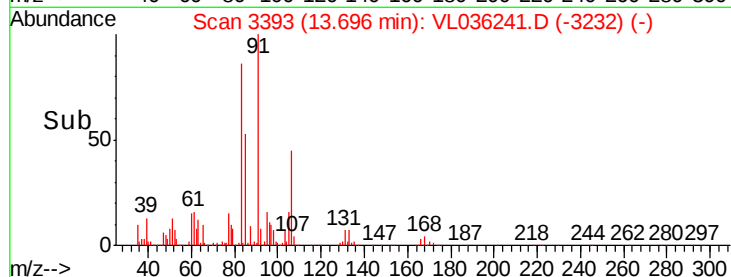
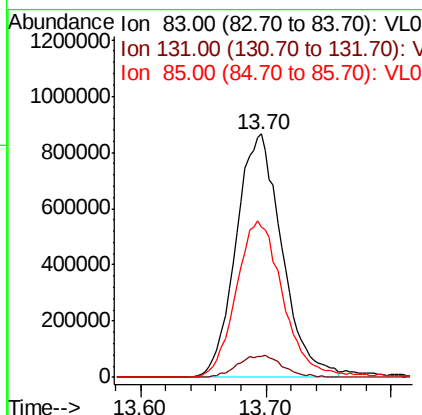
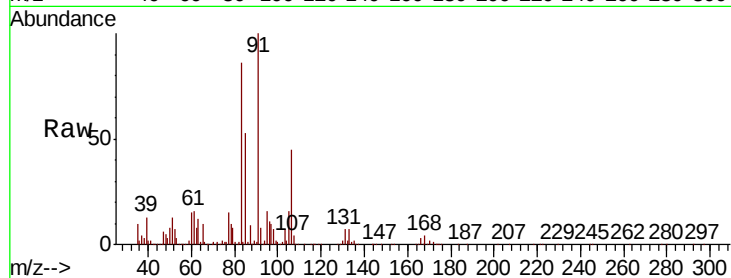




#63
 1,1,2,2-Tetrachloroethane
 Concen: 5.999 ppbv
 RT: 13.70 min Scan# 3393
 Delta R.T. 0.02 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

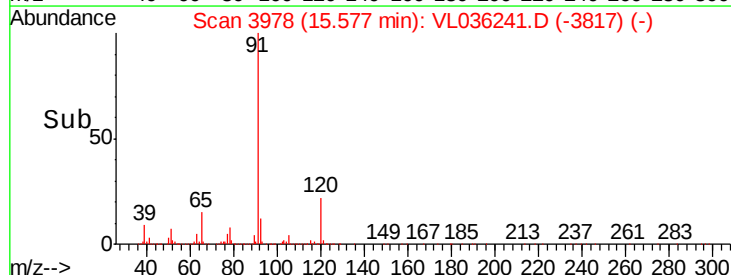
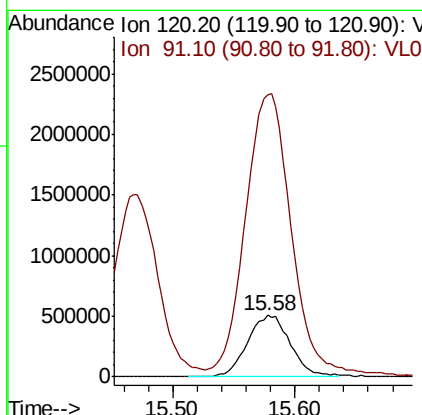
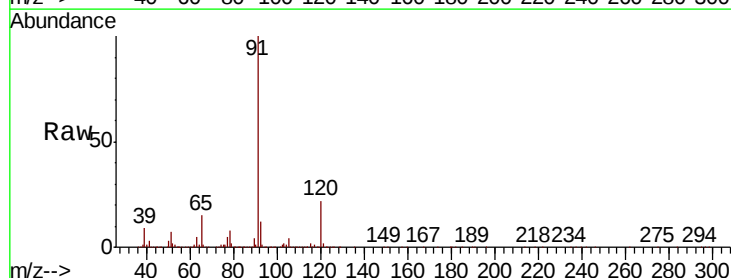
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

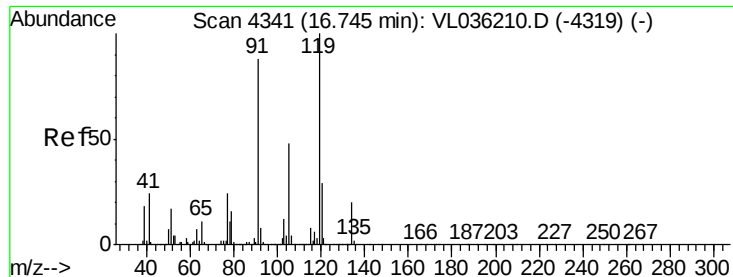
Tot Ion: 83 Resp: 2189695
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.5 13.5
 85 67.2 33.1 99.3



#64
 n-propylbenzene
 Concen: 6.885 ppbv
 RT: 15.58 min Scan# 3978
 Delta R.T. 0.02 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

Tgt Ion: 120 Resp: 1232936
 Ion Ratio Lower Upper
 120 100
 91 499.1 391.8 587.6





#65

tert-Butylbenzene

Concen: 6.464 ppbv

RT: 16.76 min Scan# 4346

Delta R.T. 0.02 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

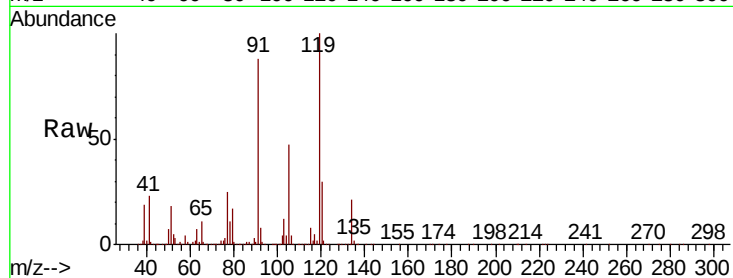
Tot Ion: 119 Resp: 3992237

Ion Ratio Lower Upper

119 100

91 90.3 71.0 106.6

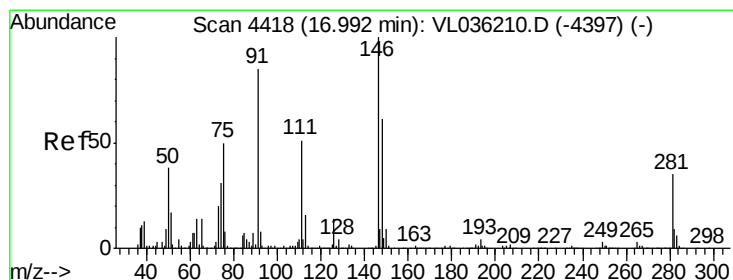
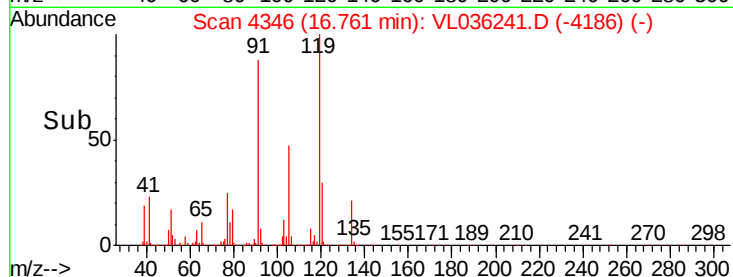
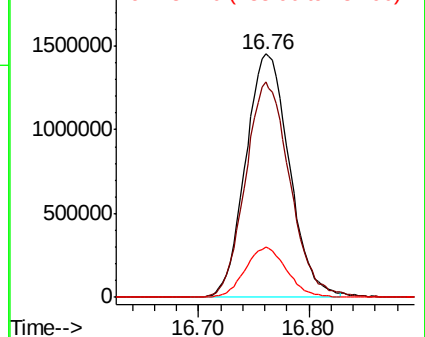
134 19.6 15.8 23.6



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: 7.685 ppbv

RT: 17.00 min Scan# 4422

Delta R.T. 0.01 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

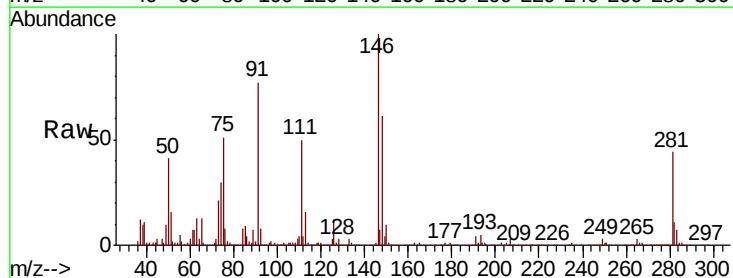
Tgt Ion: 91 Resp: 1212501

Ion Ratio Lower Upper

91 100

126 15.7 12.6 19.0

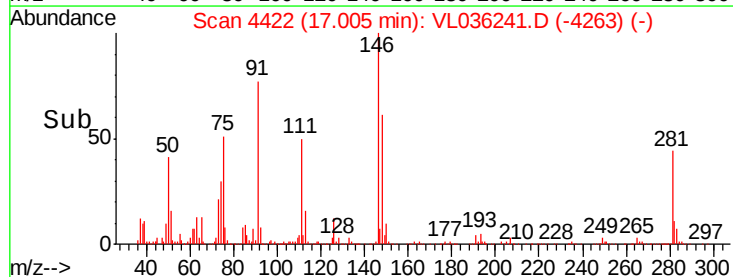
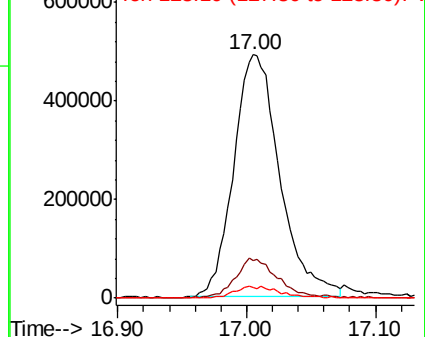
128 5.0 3.8 5.6

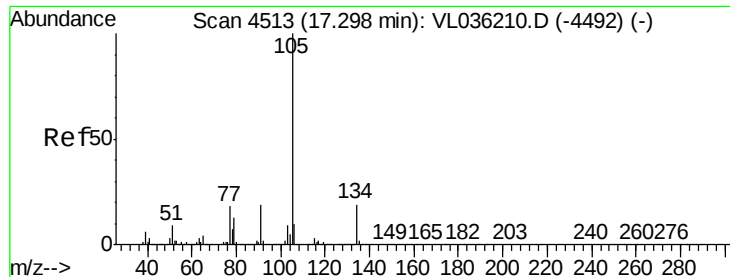


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V

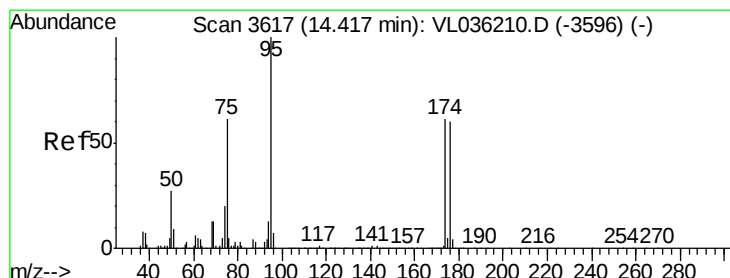
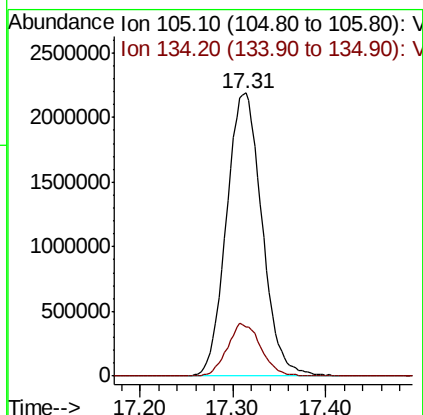
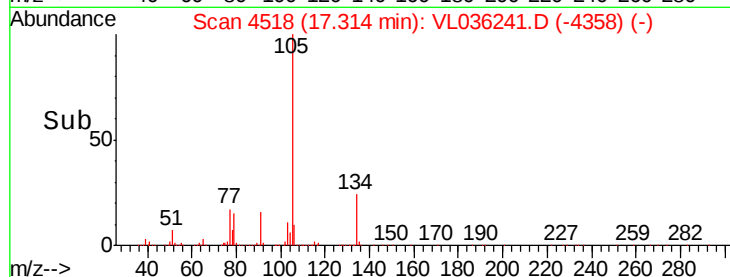
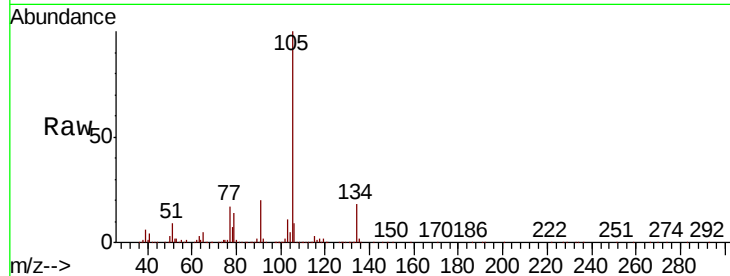




#67
 sec-Butylbenzene
 Concen: 6.320 ppbv
 RT: 17.31 min Scan# 4518
 Delta R.T. 0.02 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

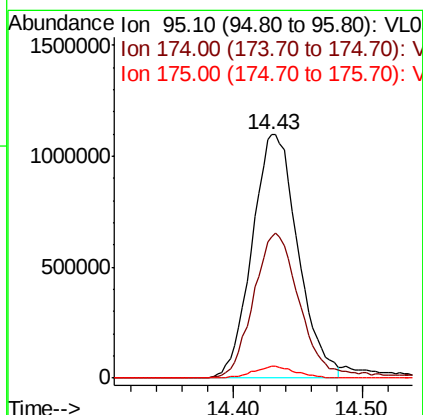
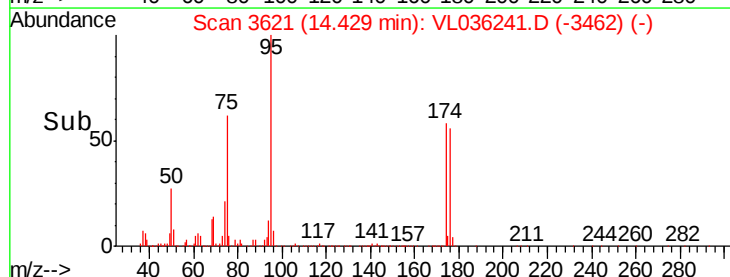
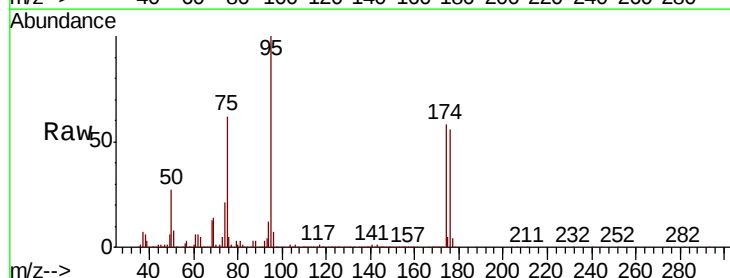
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

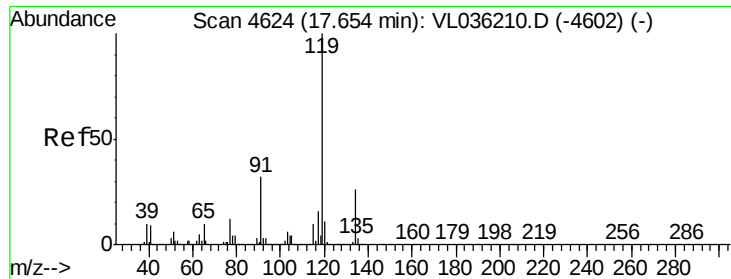
Tot Ion: 105 Resp: 5794142
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.235 ppbv
 RT: 14.43 min Scan# 3621
 Delta R.T. 0.01 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

Tgt Ion: 95 Resp: 2718446
 Ion Ratio Lower Upper
 95 100
 174 62.1 49.4 74.0
 175 4.7 3.8 5.8

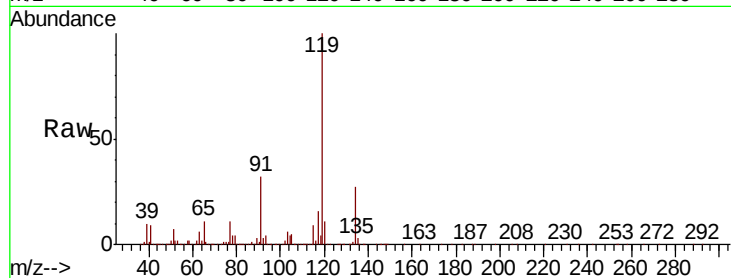




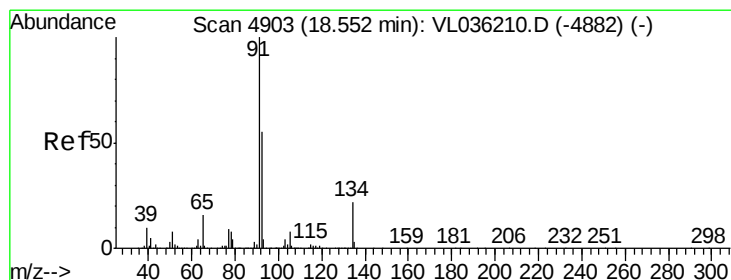
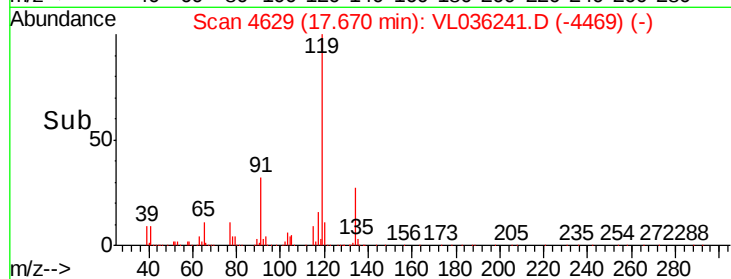
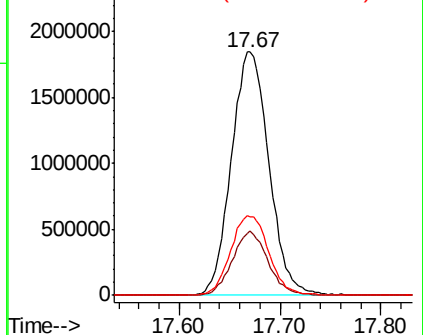
#69
 p-Isopropyltoluene
 Concen: 6.643 ppbv
 RT: 17.67 min Scan# 4629
 Delta R.T. 0.02 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 119 Resp: 4772420
 Ion Ratio Lower Upper
 119 100
 134 25.1 20.2 30.4
 91 33.0 26.0 39.0

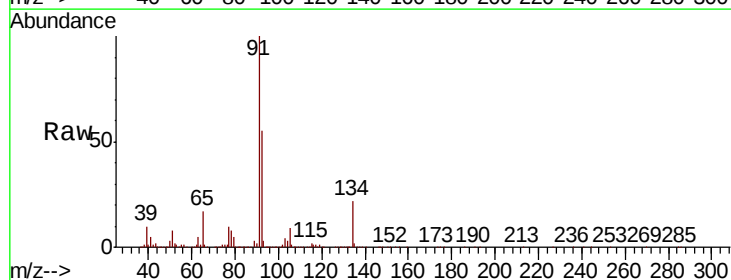


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

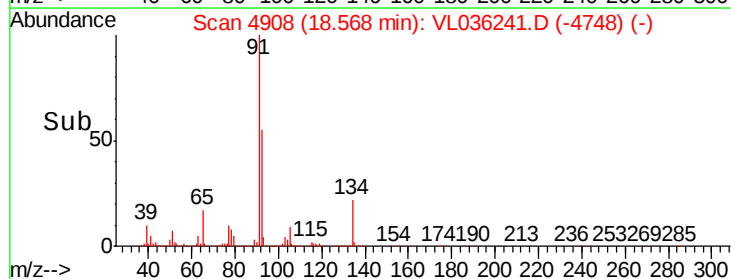
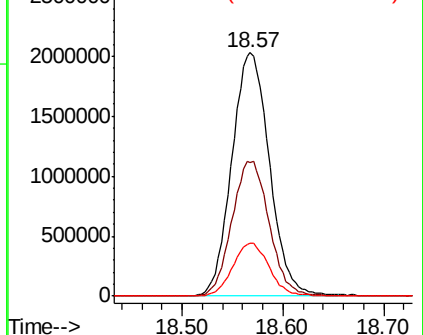


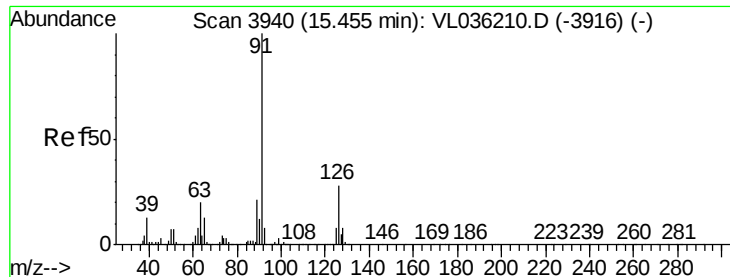
#70
 n-Butylbenzene
 Concen: 6.795 ppbv
 RT: 18.57 min Scan# 4908
 Delta R.T. 0.02 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

Tgt Ion: 91 Resp: 5264012
 Ion Ratio Lower Upper
 91 100
 92 55.0 44.0 66.0
 134 21.2 17.0 25.4



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

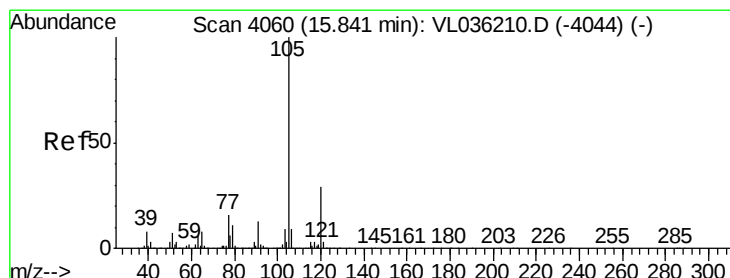
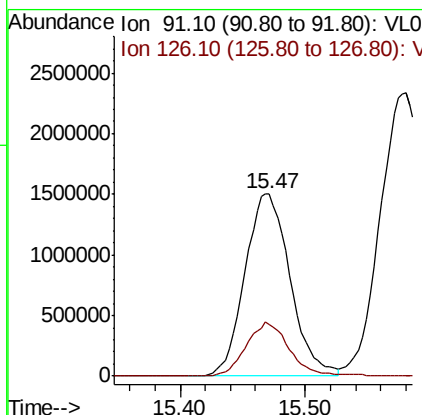
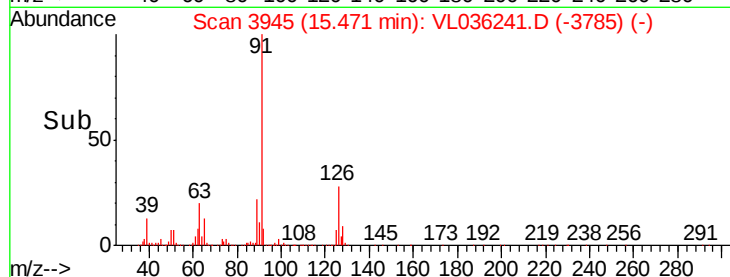
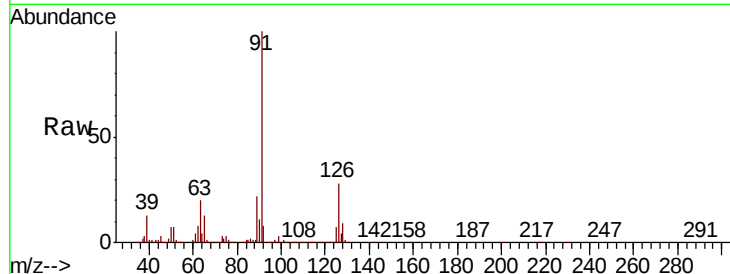




#71
 2-Chlorotoluene
 Concen: 6.560 ppbv
 RT: 15.47 min Scan# 3945
 Delta R.T. 0.02 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

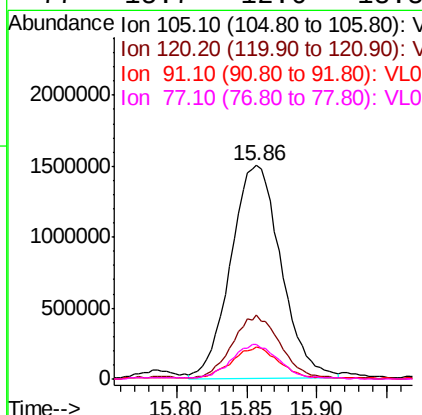
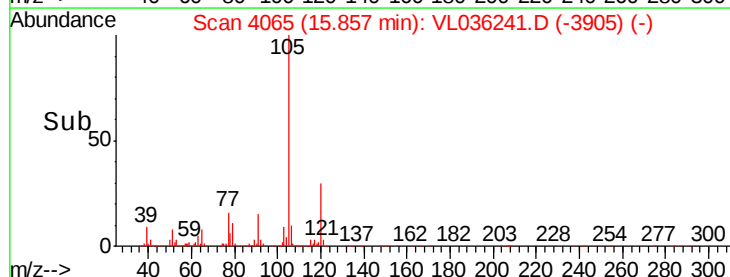
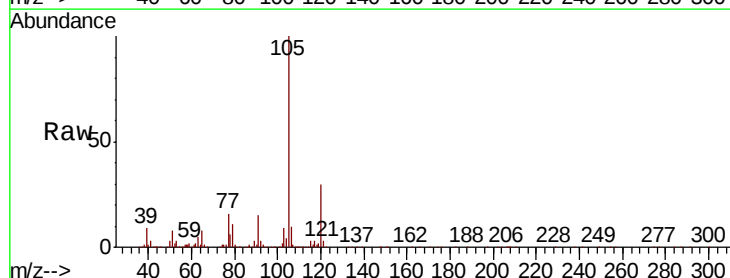
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

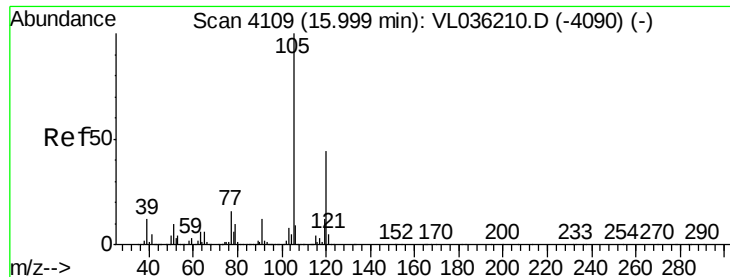
Tot Ion: 91 Resp: 3757795
 Ion Ratio Lower Upper
 91 100
 126 28.7 11.5 45.9



#72
 4-Ethyltoluene
 Concen: 6.741 ppbv
 RT: 15.86 min Scan# 4065
 Delta R.T. 0.02 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

Tgt Ion: 105 Resp: 3728913
 Ion Ratio Lower Upper
 105 100
 120 29.1 23.7 35.5
 91 13.9 11.9 17.9
 77 15.7 12.6 18.8





#73

1,3,5-Trimethylbenzene

Concen: 6.649 ppbv

RT: 16.01 min Scan# 4113

Delta R.T. 0.01 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

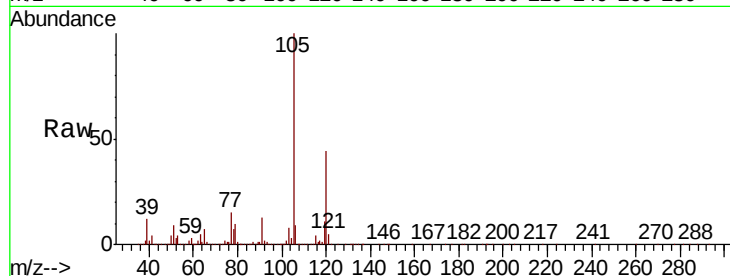
VSTDCCC010EC

Tot Ion:105 Resp: 3506010

Ion Ratio Lower Upper

105 100

120 44.4 35.5 53.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

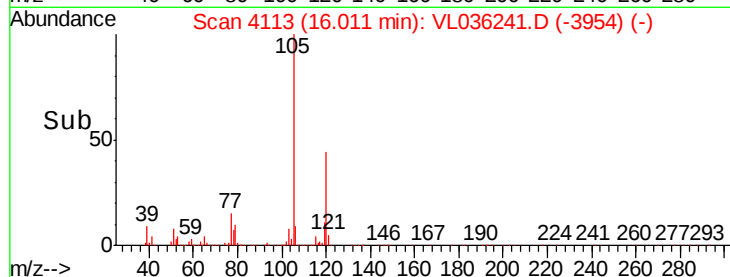
1500000

1000000

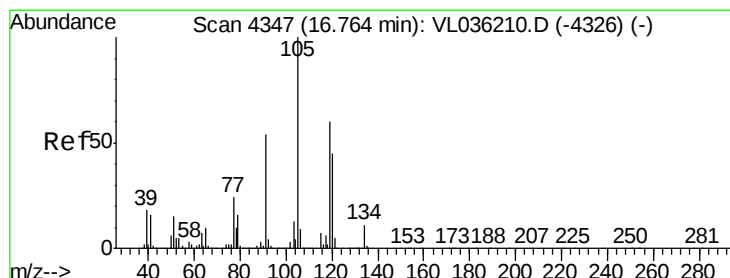
500000

0

15.90 16.00 16.10



Time-->



#74

1,2,4-Trimethylbenzene

Concen: 6.622 ppbv

RT: 16.78 min Scan# 4352

Delta R.T. 0.02 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Tgt Ion:105 Resp: 3582009

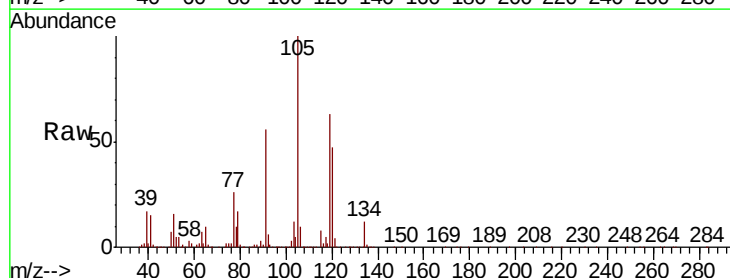
Ion Ratio Lower Upper

105 100

120 46.5 36.2 54.2

91 56.2 43.3 64.9

77 25.9 19.1 28.7



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

2000000

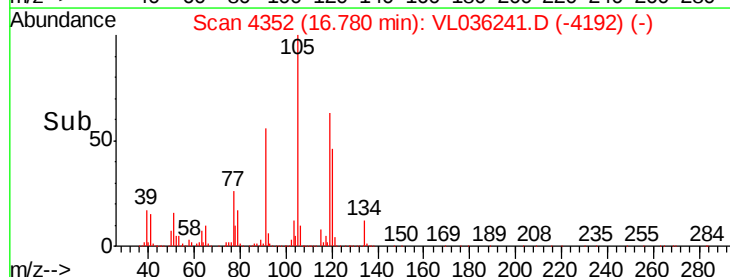
1500000

1000000

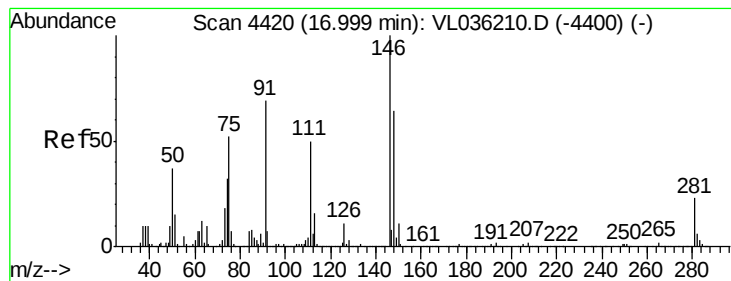
500000

0

16.70 16.80 16.90



Time-->



#75

1,3-Dichlorobenzene

Concen: 6.613 ppbv

RT: 17.01 min Scan# 4424

Delta R.T. 0.01 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

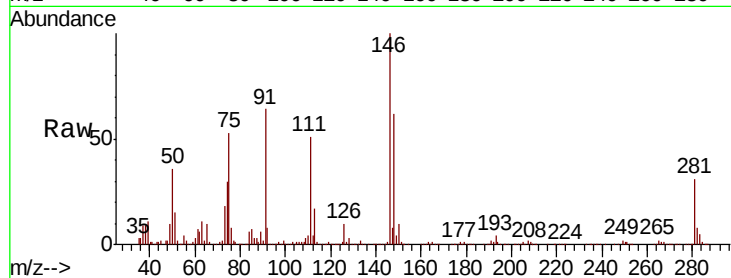
Tot Ion:146 Resp: 1870218

Ion Ratio Lower Upper

146 100

111 51.0 25.5 76.5

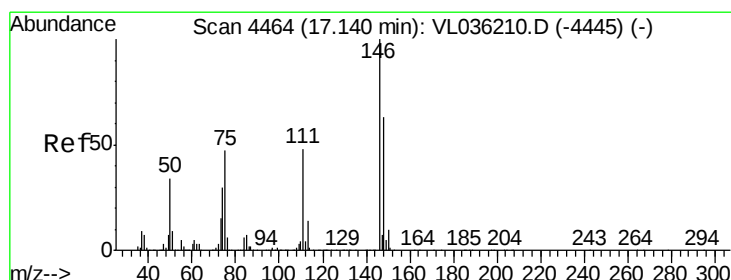
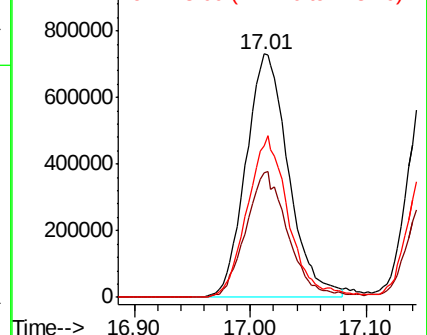
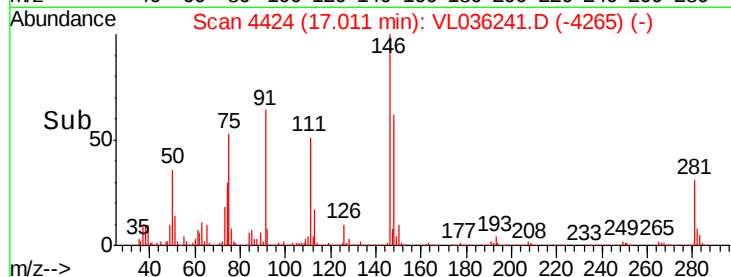
148 64.3 32.4 97.2



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: 6.752 ppbv

RT: 17.16 min Scan# 4469

Delta R.T. 0.02 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

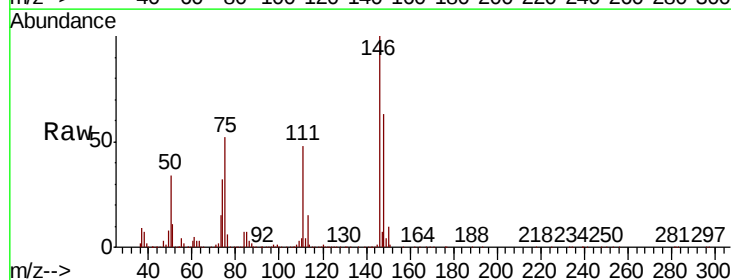
Tgt Ion:146 Resp: 1829554

Ion Ratio Lower Upper

146 100

111 51.4 25.4 76.0

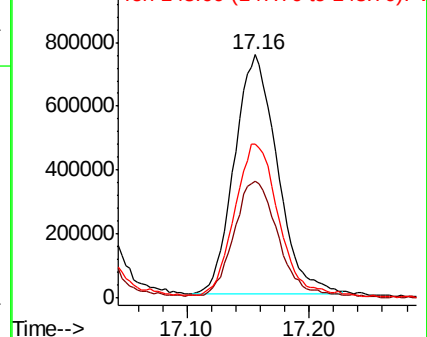
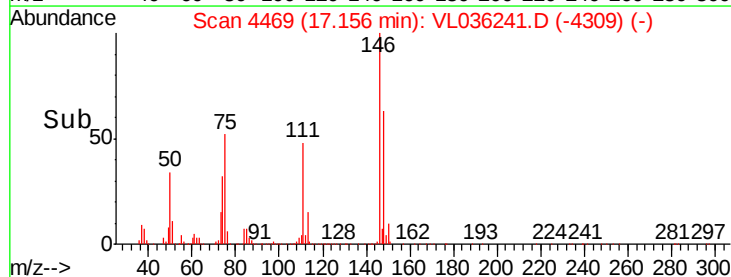
148 67.4 33.3 99.9

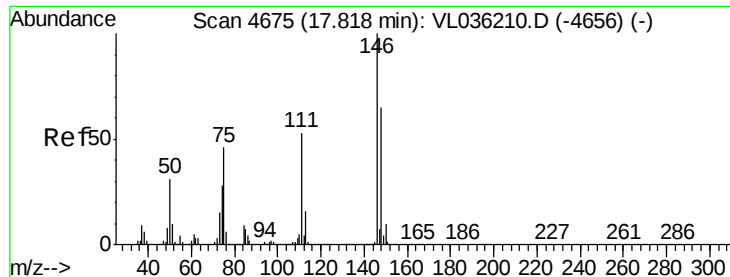


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

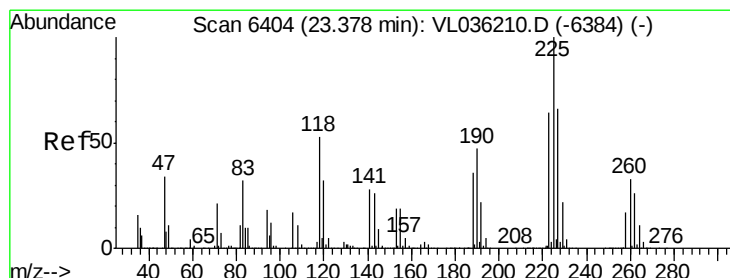
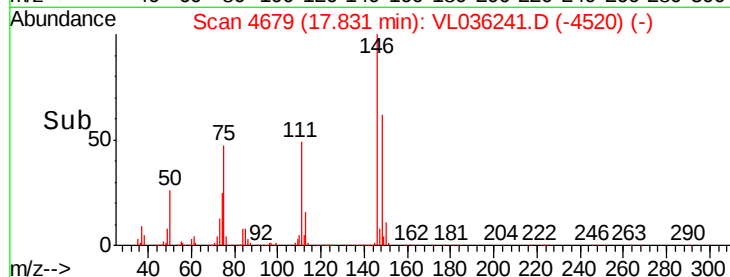
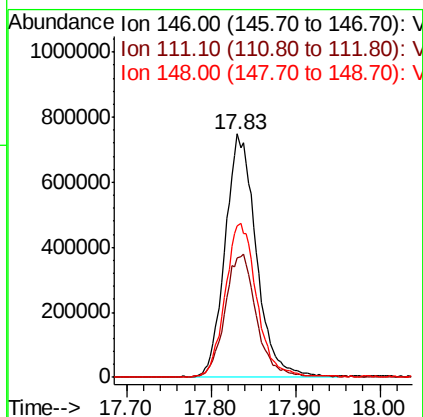
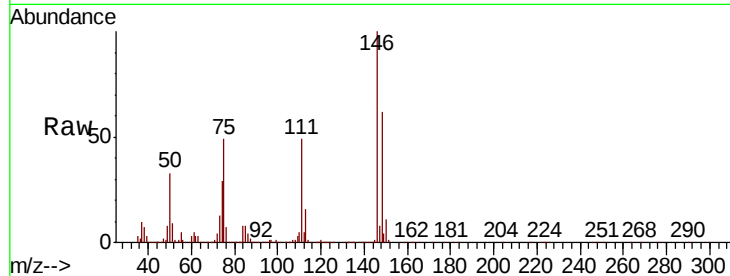




#77
 1,2-Dichlorobenzene
 Concen: 6.885 ppbv
 RT: 17.83 min Scan# 4679
 Delta R.T. 0.01 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

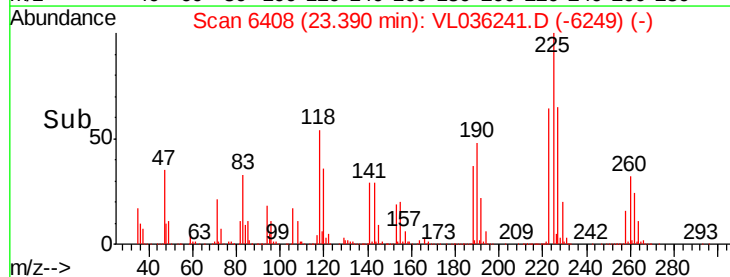
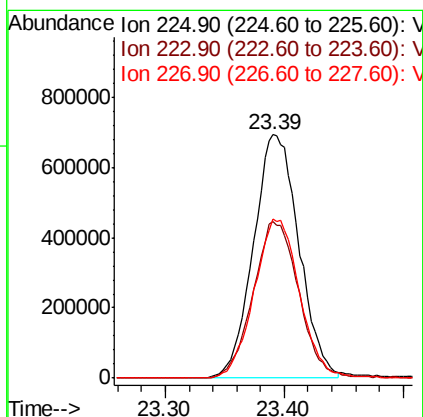
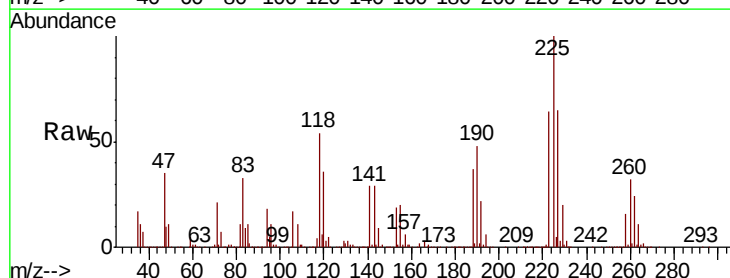
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

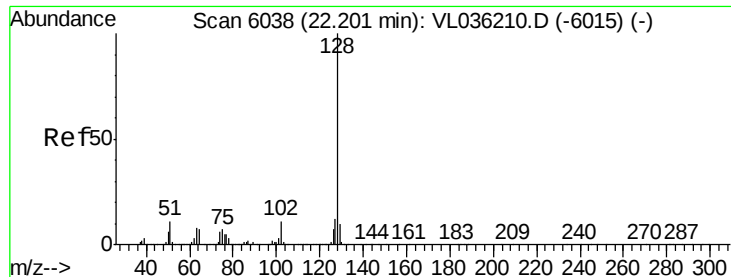
Tot Ion:146 Resp: 1913707
 Ion Ratio Lower Upper
 146 100
 111 51.2 26.5 79.4
 148 63.8 32.8 98.4



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.261 ppbv
 RT: 23.39 min Scan# 6408
 Delta R.T. 0.01 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

Tgt Ion:225 Resp: 1829179
 Ion Ratio Lower Upper
 225 100
 223 65.2 50.5 75.7
 227 65.5 51.7 77.5





#79

Naphthalene

Concen: 12.159 ppbv

RT: 22.22 min Scan# 6043

Delta R.T. 0.02 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Instrument :

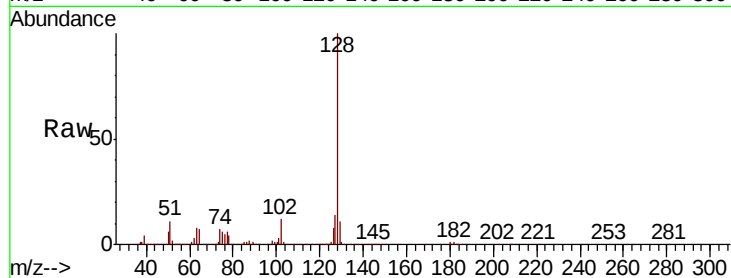
MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:128 Resp: 3762035

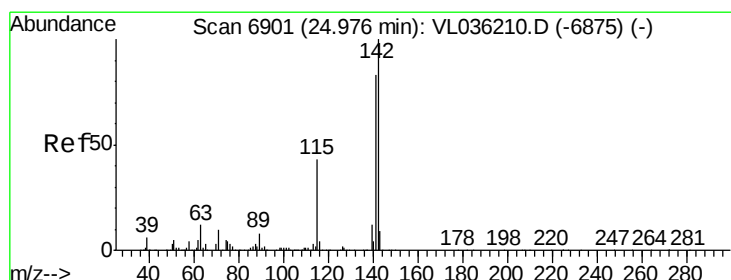
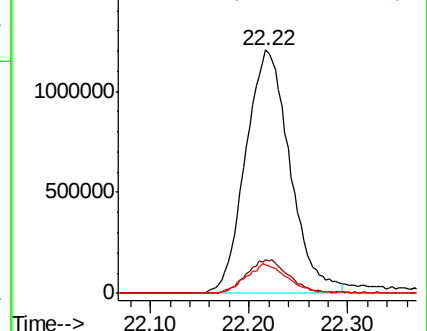
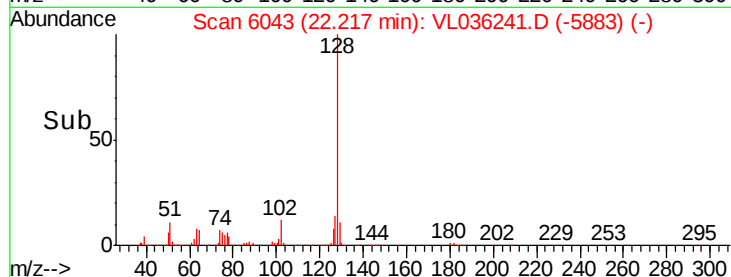
Ion	Ratio	Lower	Upper
128	100		
127	14.0	9.9	14.9
129	11.5	8.4	12.6



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: 15.842 ppbv

RT: 24.99 min Scan# 6905

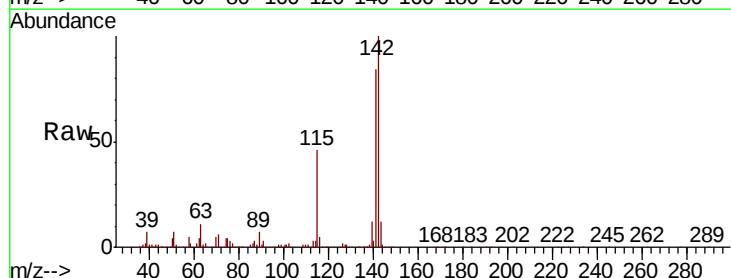
Delta R.T. 0.01 min

Lab File: VL036241.D

Acq: 14 Jan 2021 1:47

Tgt Ion:142 Resp: 1005110

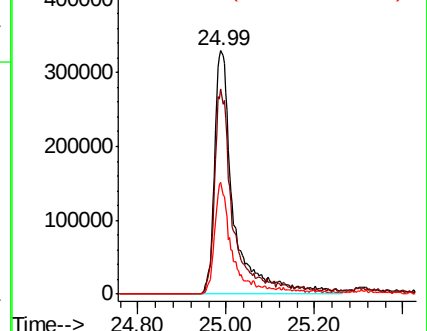
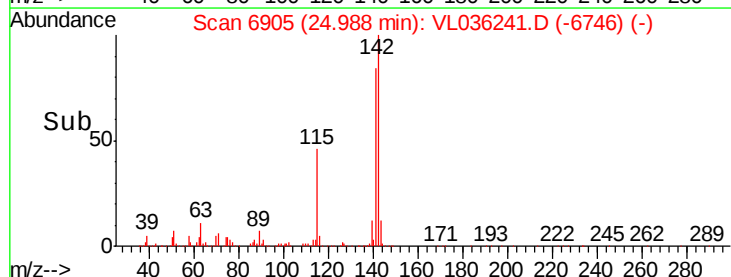
Ion	Ratio	Lower	Upper
142	100		
141	81.2	68.6	102.8
115	42.1	32.9	49.3

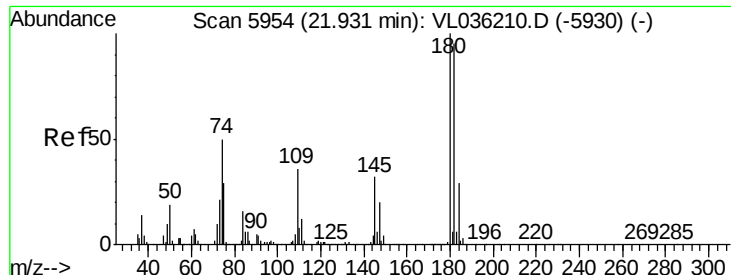


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 4.392 ppbv
 RT: 21.95 min Scan# 5961
 Delta R.T. 0.02 min
 Lab File: VL036241.D
 Acq: 14 Jan 2021 1:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:180 Resp: 763296
 Ion Ratio Lower Upper
 180 100
 182 245.6 79.9 119.9#
 184 76.9 25.6 38.4#

