

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030121\
 Data File : VL036410.D
 Acq On : 1 Mar 2021 11:33
 Operator : SY/AP
 Sample : VL0301ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 02 02:39:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1666573	10.00	ppbv	0.05
33) 1,4-Difluorobenzene	7.20	114	3911682	10.00	ppbv	0.05
55) Chlorobenzene-d5	12.12	117	4421018	10.00	ppbv	0.06

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2938651	8.08	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	80.80%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.06	85	1869884	7.518 ppbv	97
3) Chlorodifluoromethane	3.00	51	1883969	9.098 ppbv	98
4) Chloromethane	3.16	50	949344	9.490 ppbv	98
5) Vinyl Chloride	3.27	62	954730	10.249 ppbv	97
6) Bromomethane	3.49	94	526707	9.513 ppbv	95
7) Chloroethane	3.57	64	328287	9.925 ppbv	98
8) Dichlorotetrafluoroethane	3.20	85	2099899	9.283 ppbv	98
9) Propene	3.02	41	855174	11.077 ppbv	100
10) Heptane	8.15	43	2189806	9.624 ppbv	99
11) Trichlorofluoromethane	3.97	101	2301599	9.450 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.51	101	1471753	9.755 ppbv	98
13) Ethanol	3.62	45	126679	8.736 ppbv	100
14) Bromoethene	3.75	108	633126	10.027 ppbv	97
15) Acetone	3.87	43	1769951	8.688 ppbv	99
16) 1,3-Butadiene	3.34	39	922150	9.466 ppbv	99
17) tert-Butyl alcohol	4.31	59	1432239	9.057 ppbv	100
18) 1,1-Dichloroethene	4.31	96	654579	9.547 ppbv	98
19) Isopropyl Alcohol	3.99	45	950941	8.426 ppbv	# 98
20) Methylene Chloride	4.37	84	560478	8.528 ppbv	94
21) Allyl Chloride	4.43	41	1059817	9.344 ppbv	98
22) trans-1,2-Dichloroethene	4.91	96	619163	9.942 ppbv	98
23) Vinyl Acetate	5.10	43	2293574	9.575 ppbv	# 96
24) 1,1-Dichloroethane	5.04	63	1736117	9.800 ppbv	99
25) Ethyl Acetate	5.70	43	3702105	9.413 ppbv	99
26) Hexane	5.71	57	1511190	9.352 ppbv	99
27) Carbon Disulfide	4.57	76	1648314	11.099 ppbv	97
28) Methyl tert-Butyl Ether	5.06	73	2134165	10.110 ppbv	100
29) Chloroform	5.78	83	2419630	9.295 ppbv	98
30) Cyclohexane	7.16	84	1262090	9.391 ppbv	98
31) cis-1,2-Dichloroethene	5.58	61	1508562	9.435 ppbv	96
32) 1,1,1-Trichloroethane	6.54	97	2366618	9.724 ppbv	99
34) 2-Butanone	5.27	43	2348319	9.035 ppbv	100
35) Carbon Tetrachloride	7.05	117	2406274	9.179 ppbv	98
36) Benzene	6.92	78	3179331	9.568 ppbv	97
37) 1,2-Dichloroethane	6.34	62	1861216	9.059 ppbv	99
38) Trichloroethene	7.87	130	1097661	9.221 ppbv	96
39) 1,2-Dichloropropane	7.65	63	1275706	9.451 ppbv	94
40) 1,4-Dioxane	7.86	88	420263	8.986 ppbv	# 1
41) Tetrahydrofuran	6.08	42	1429314	9.855 ppbv	99
42) Bromodichloromethane	7.83	83	2584479	9.393 ppbv	100
43) Methyl Methacrylate	8.04	69	1396548	9.966 ppbv	100

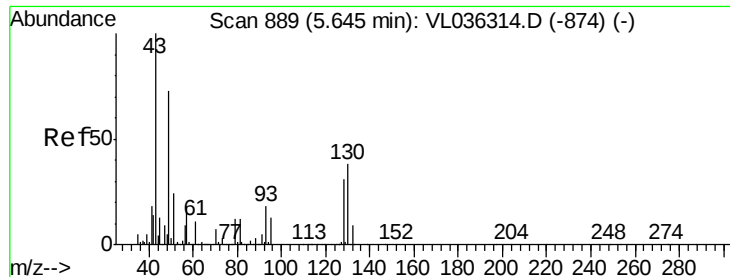
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030121\
 Data File : VL036410.D
 Acq On : 1 Mar 2021 11:33
 Operator : SY/AP
 Sample : VL0301ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 02 02:39:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.90	57	5379984	8.904	ppbv	99
45) t-1,3-Dichloropropene	9.31	75	1503623	11.123	ppbv	98
46) cis-1,3-Dichloropropene	8.74	75	1801424	10.490	ppbv	97
47) 1,1,2-Trichloroethane	9.51	97	1253199	9.072	ppbv	97
48) Dibromochloromethane	10.34	129	2079794	10.090	ppbv	99
49) Bromoform	13.08	173	1735798	10.417	ppbv	99
50) 4-Methyl-2-Pentanone	8.77	43	3643435	9.443	ppbv	99
51) 2-Hexanone	10.17	43	2967860	10.123	ppbv	99
52) Tetrachloroethene	11.26	164	1030847	8.474	ppbv	95
53) Toluene	9.84	91	3521238	9.783	ppbv	100
54) 1,2-Dibromoethane	10.65	107	1877807	9.407	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.16	131	1541602	7.581	ppbv #	60
57) Chlorobenzene	12.19	112	2515355	7.364	ppbv	99
58) Ethyl Benzene	12.74	91	4706682	7.775	ppbv	99
59) m/p-Xylene	13.03	91	4727661	8.891	ppbv #	51
60) o-Xylene	13.73	91	3820864	7.515	ppbv	100
61) Styrene	13.56	104	2719588	8.631	ppbv	99
62) Isopropylbenzene	14.70	105	5639602	7.400	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.71	83	2747696	6.849	ppbv	100
64) n-propylbenzene	15.60	120	1476600	7.873	ppbv	98
65) tert-Butylbenzene	16.78	119	4815567	7.385	ppbv	98
66) Benzyl Chloride	17.02	91	1811542	10.220	ppbv	99
67) sec-Butylbenzene	17.33	105	6893130	7.330	ppbv	99
69) p-Isopropyltoluene	17.69	119	5624049	7.739	ppbv	98
70) n-Butylbenzene	18.58	91	5920906	7.598	ppbv	99
71) 2-Chlorotoluene	15.49	91	4477246	7.664	ppbv	98
72) 4-Ethyltoluene	15.88	105	4420558	7.813	ppbv	99
73) 1,3,5-Trimethylbenzene	16.03	105	4125386	7.522	ppbv	98
74) 1,2,4-Trimethylbenzene	16.80	105	4184510	7.473	ppbv	93
75) 1,3-Dichlorobenzene	17.03	146	2291806	7.541	ppbv	99
76) 1,4-Dichlorobenzene	17.18	146	2253308	7.140	ppbv	95
77) 1,2-Dichlorobenzene	17.85	146	2246947	7.453	ppbv	99
78) Hexachloro-1,3-Butadiene	23.41	225	1581863	6.422	ppbv	99
79) Naphthalene	22.24	128	3016795	9.089	ppbv	96
80) Naphthalene, 2-methyl-	25.00	142	654455	10.649	ppbv	96
81) 1,2,4-Trichlorobenzene	21.97	180	1599162	7.897	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 905

Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

ClientSampleId :

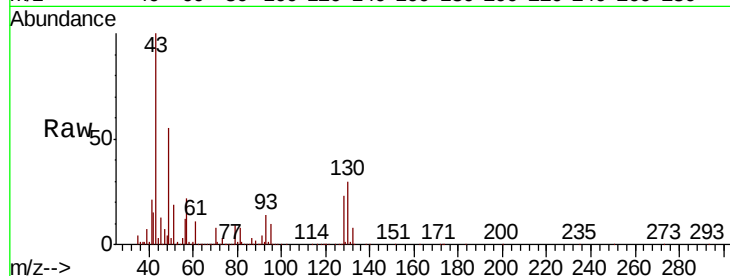
Tot Ion: 49 Resp: 1666573

Ion Ratio Lower Upper

49 100

128 43.9 20.8 62.5

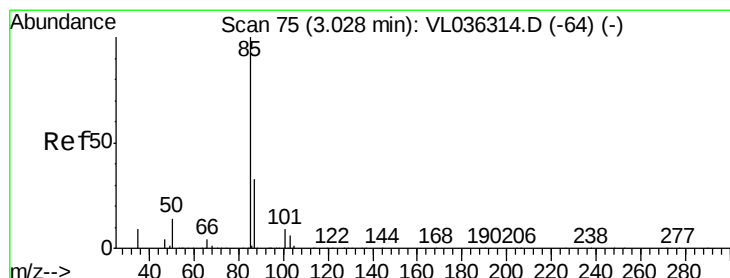
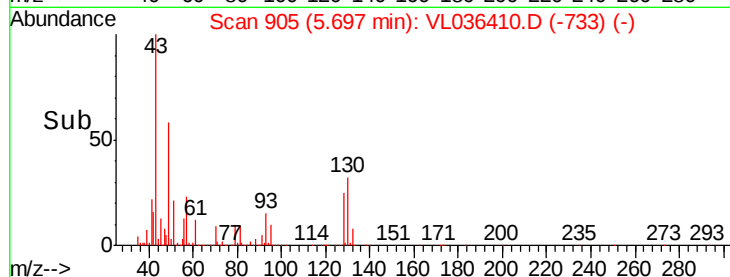
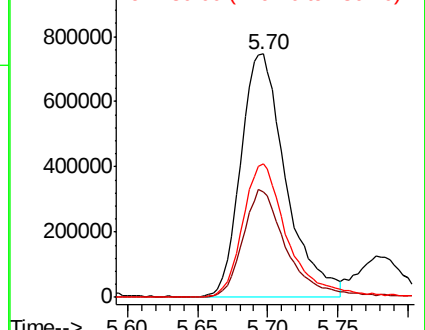
130 55.7 26.7 80.1



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



#2

Dichlorodifluoromethane

Concen: 7.518 ppbv

RT: 3.06 min Scan# 86

Delta R.T. 0.04 min

Lab File: VL036410.D

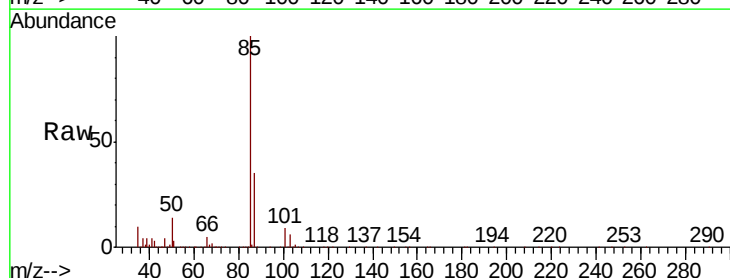
Acq: 1 Mar 2021 11:33

Tgt Ion: 85 Resp: 1869884

Ion Ratio Lower Upper

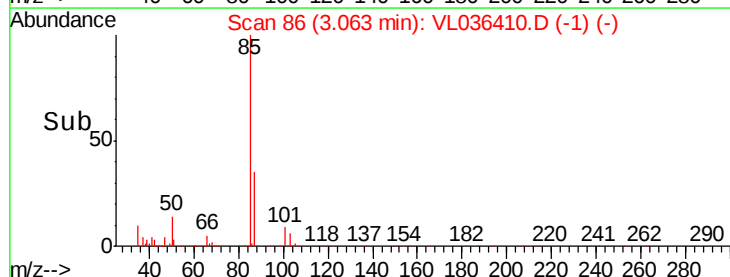
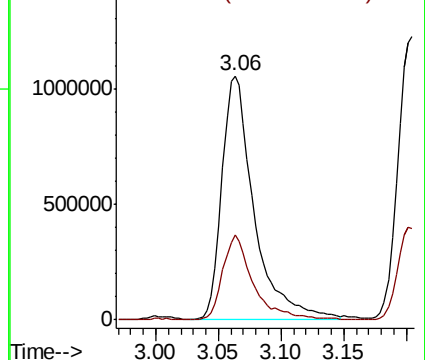
85 100

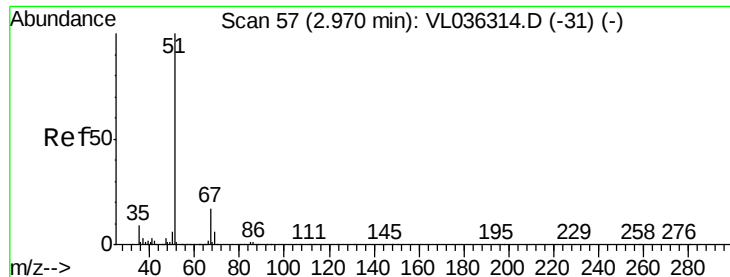
87 35.1 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.098 ppbv

RT: 3.00 min Scan# 67

Delta R.T. 0.03 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

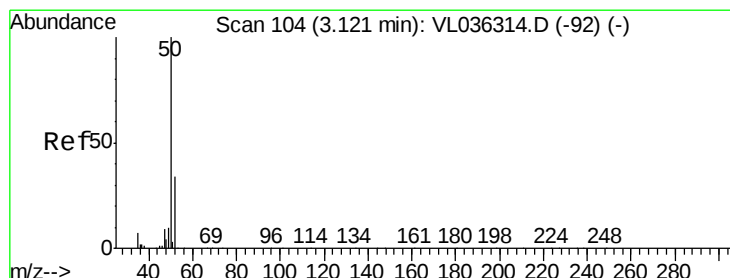
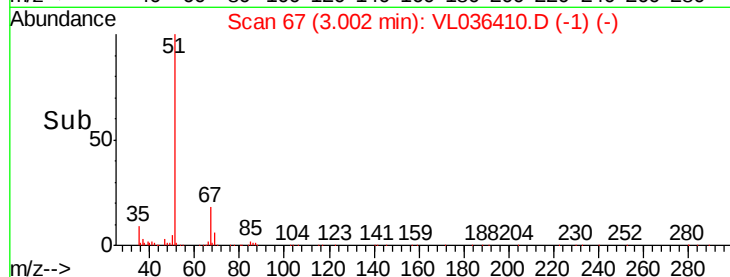
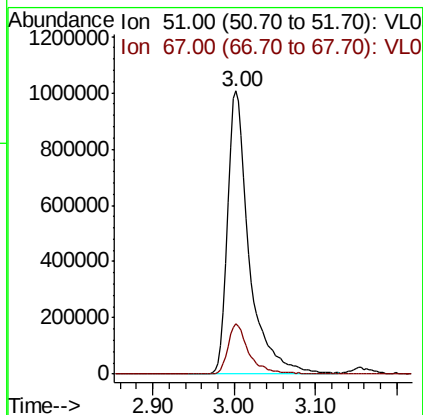
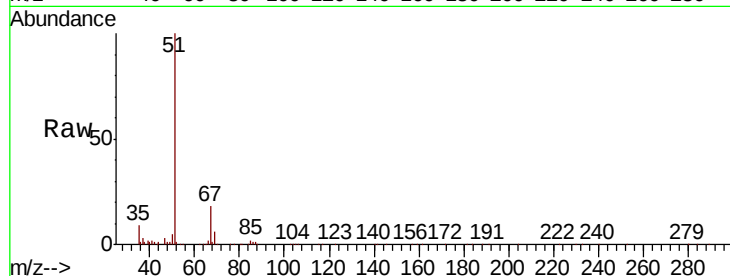
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 51 Resp: 1883969

Ion Ratio Lower Upper

51 100

67 17.4 14.7 22.1



#4

Chloromethane

Concen: 9.490 ppbv

RT: 3.16 min Scan# 115

Delta R.T. 0.04 min

Lab File: VL036410.D

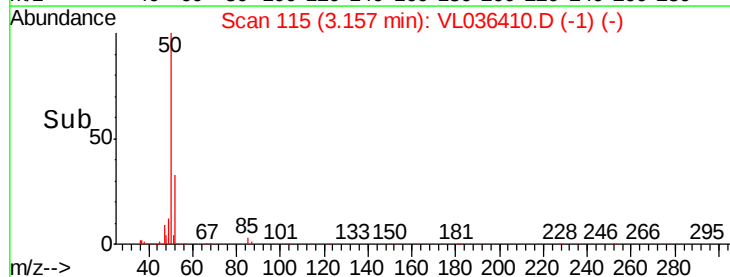
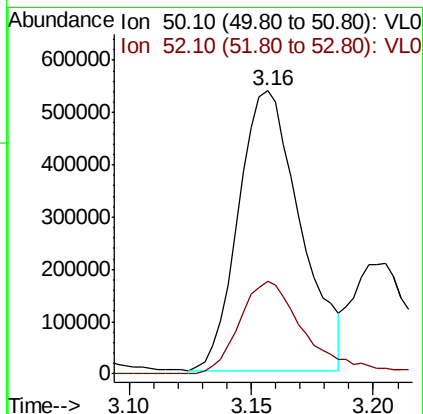
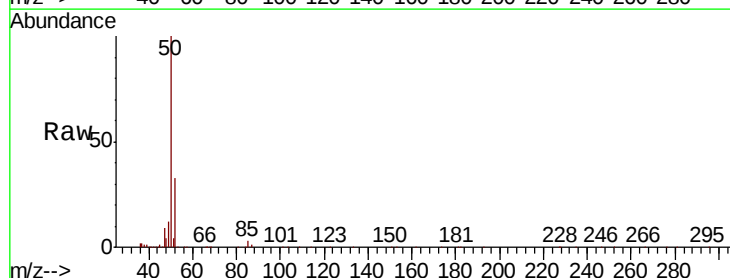
Acq: 1 Mar 2021 11:33

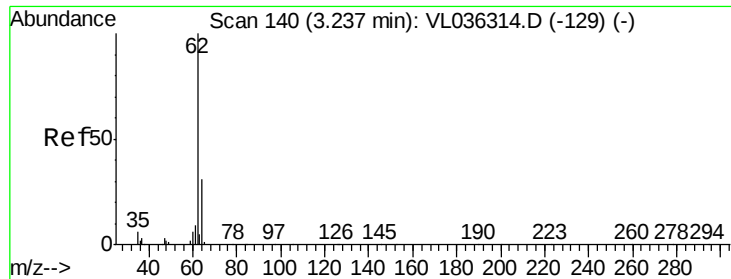
Tgt Ion: 50 Resp: 949344

Ion Ratio Lower Upper

50 100

52 32.7 27.0 40.4





#5

Vinyl Chloride

Concen: 10.249 ppbv

RT: 3.27 min Scan# 151

Delta R.T. 0.04 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

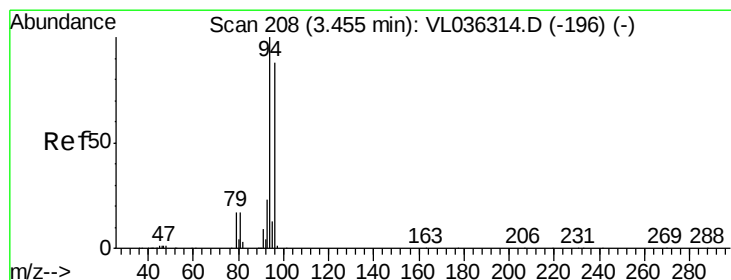
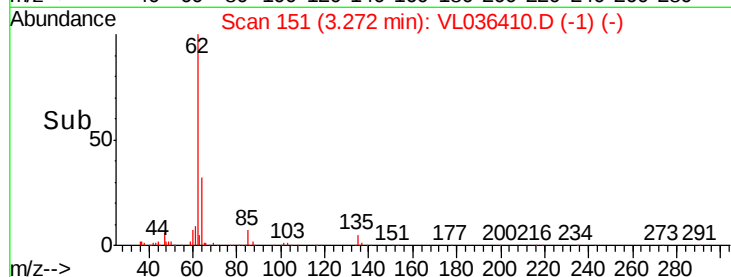
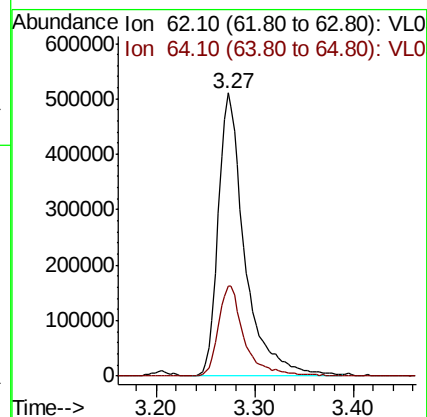
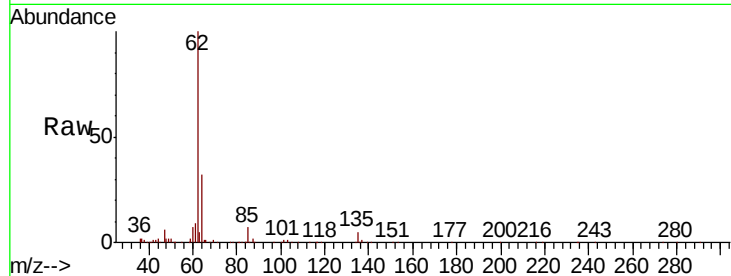
ClientSampled :

Tot Ion: 62 Resp: 954730

Ion Ratio Lower Upper

62 100

64 31.9 24.4 36.6



#6

Bromomethane

Concen: 9.513 ppbv

RT: 3.49 min Scan# 219

Delta R.T. 0.04 min

Lab File: VL036410.D

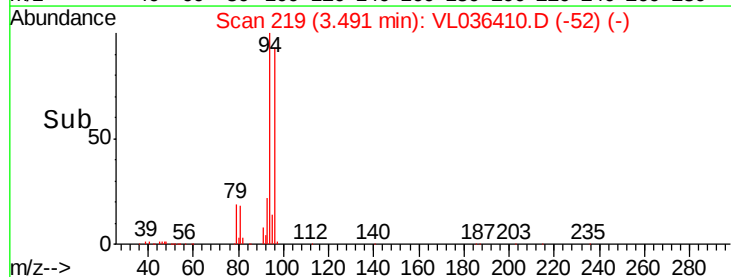
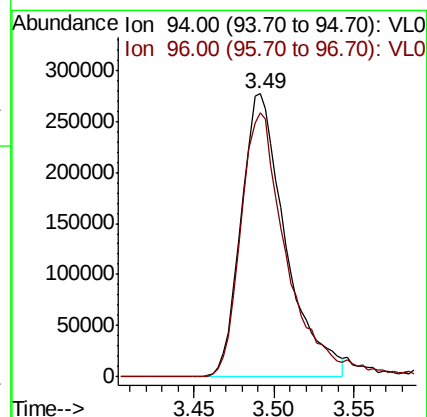
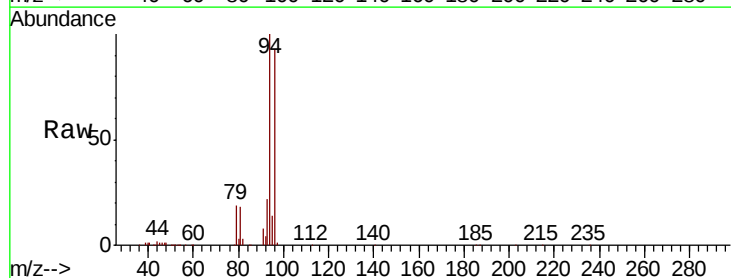
Acq: 1 Mar 2021 11:33

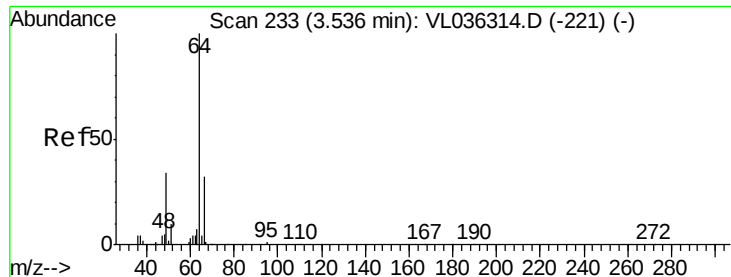
Tgt Ion: 94 Resp: 526707

Ion Ratio Lower Upper

94 100

96 93.2 70.8 106.2





#7

Chloroethane

Concen: 9.925 ppbv

RT: 3.57 min Scan# 245

Delta R.T. 0.04 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

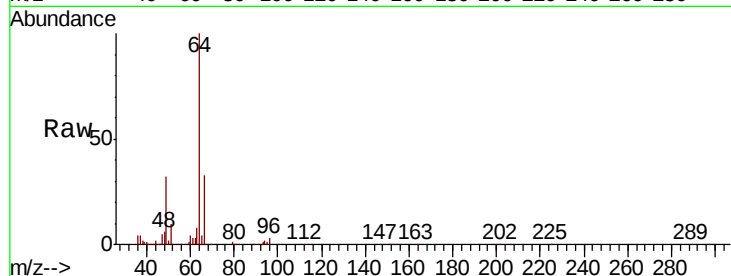
ClientSampleId :

Tot Ion: 64 Resp: 328287

Ion Ratio Lower Upper

64 100

66 33.1 25.6 38.4



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.57

200000

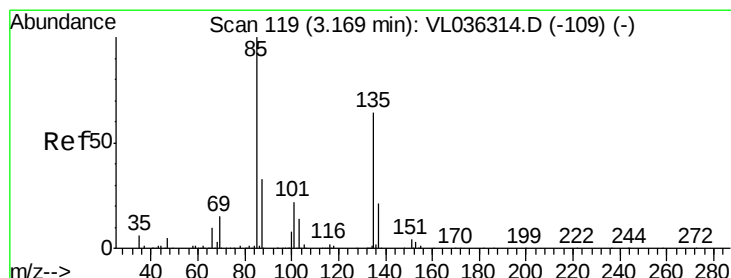
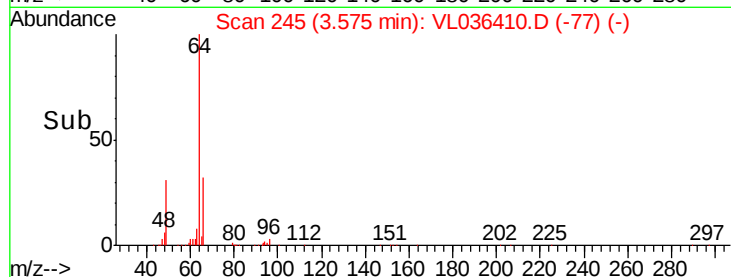
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.283 ppbv

RT: 3.20 min Scan# 130

Delta R.T. 0.04 min

Lab File: VL036410.D

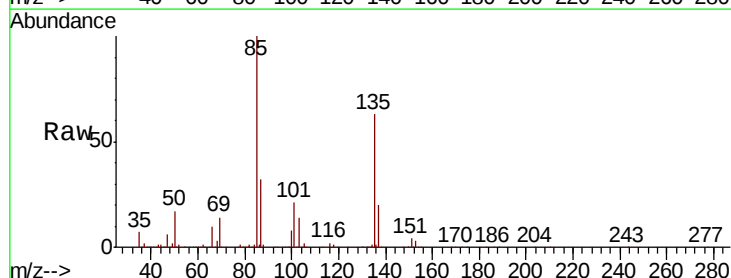
Acq: 1 Mar 2021 11:33

Tgt Ion: 85 Resp: 2099899

Ion Ratio Lower Upper

85 100

135 65.3 51.1 76.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

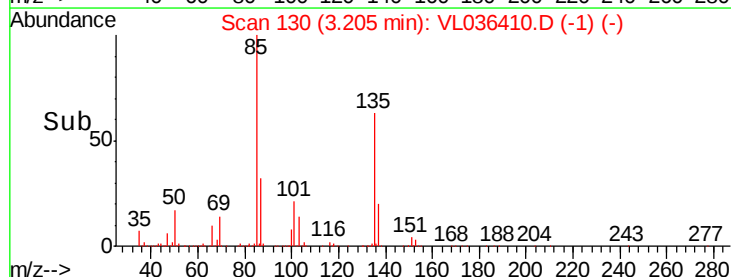
3.20

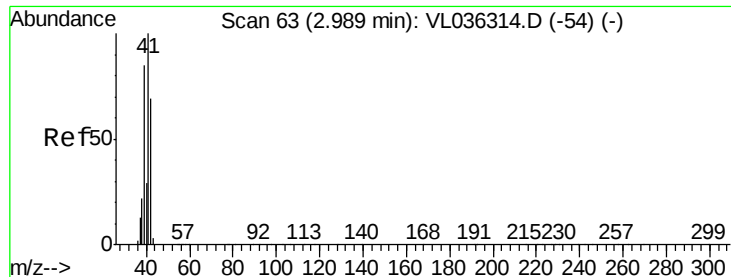
1000000

500000

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Time-->





#9

Propene

Concen: 11.077 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.03 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

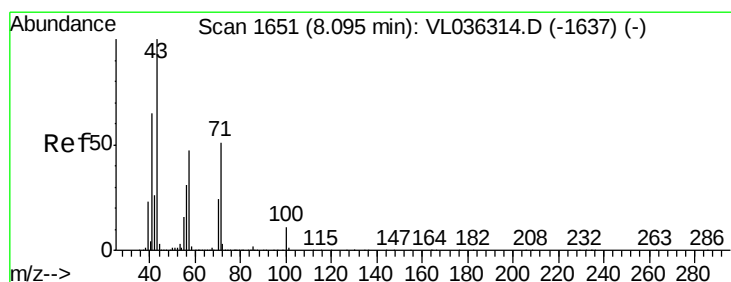
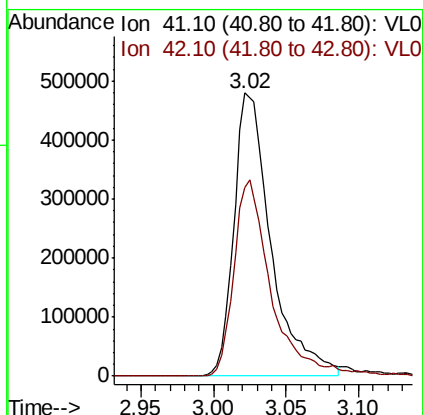
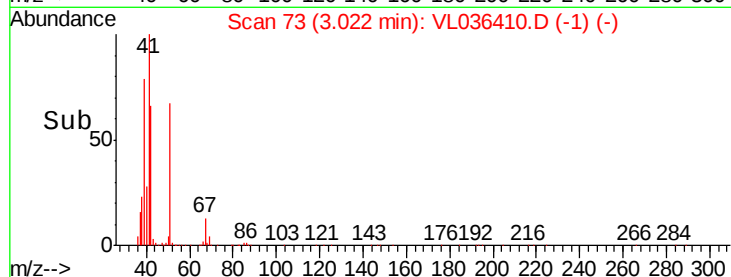
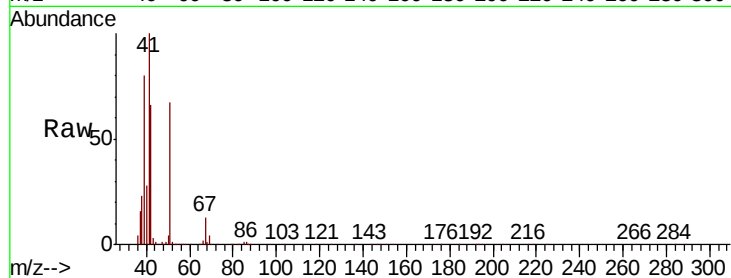
ClientSampleId :

Tot Ion: 41 Resp: 855174

Ion Ratio Lower Upper

41 100

42 70.4 56.2 84.2



#10

Heptane

Concen: 9.624 ppbv

RT: 8.15 min Scan# 1669

Delta R.T. 0.06 min

Lab File: VL036410.D

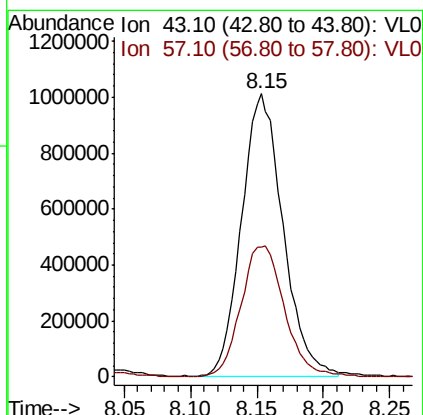
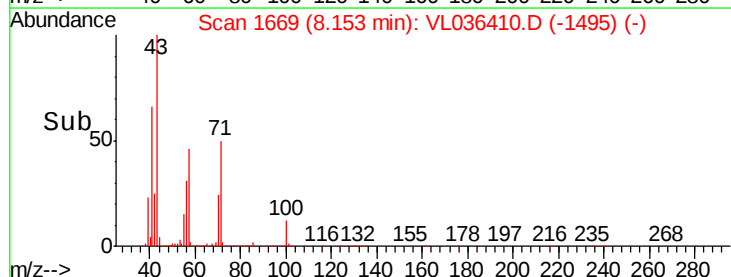
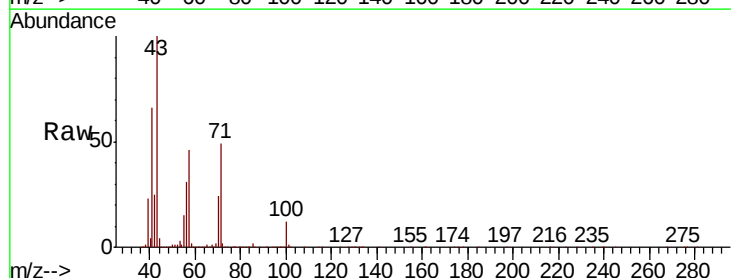
Acq: 1 Mar 2021 11:33

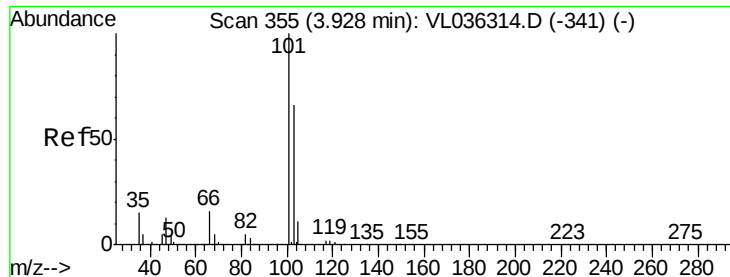
Tgt Ion: 43 Resp: 2189806

Ion Ratio Lower Upper

43 100

57 48.3 39.4 59.2





#11

Trichlorofluoromethane

Concen: 9.450 ppbv

RT: 3.97 min Scan# 368

Delta R.T. 0.04 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

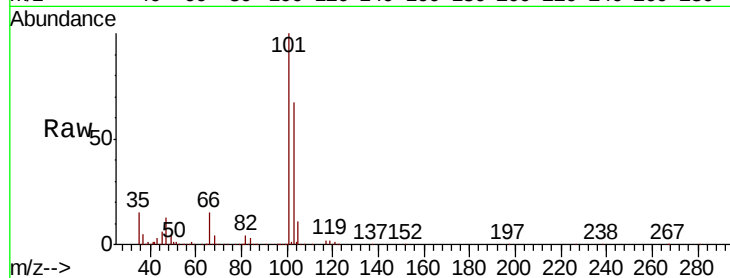
ClientSampleId :

Tot Ion:101 Resp: 2301599

Ion Ratio Lower Upper

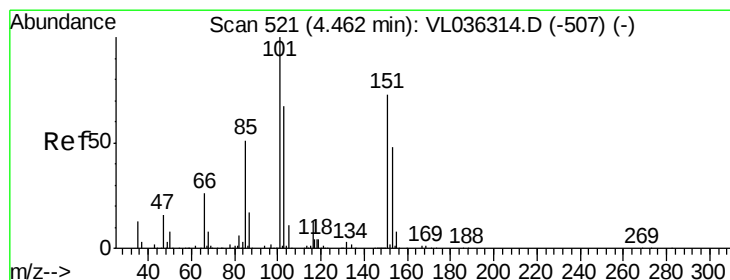
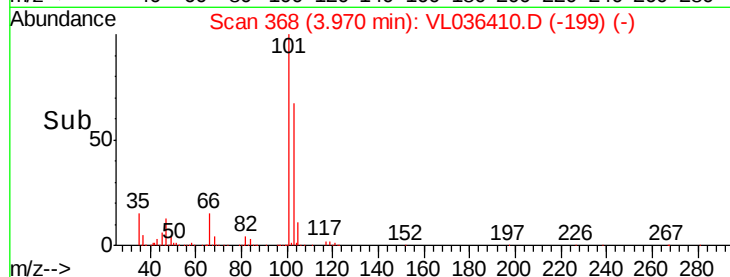
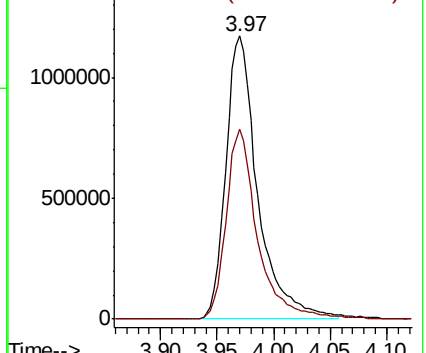
101 100

103 67.2 52.9 79.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.755 ppbv

RT: 4.51 min Scan# 535

Delta R.T. 0.05 min

Lab File: VL036410.D

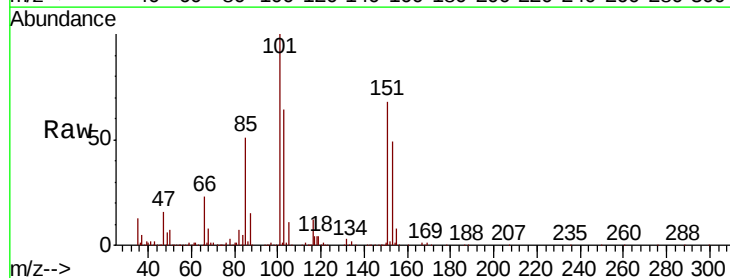
Acq: 1 Mar 2021 11:33

Tgt Ion:101 Resp: 1471753

Ion Ratio Lower Upper

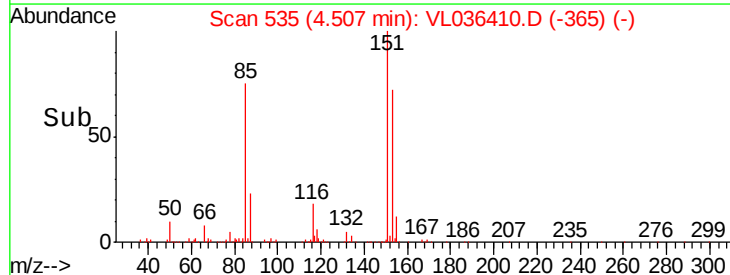
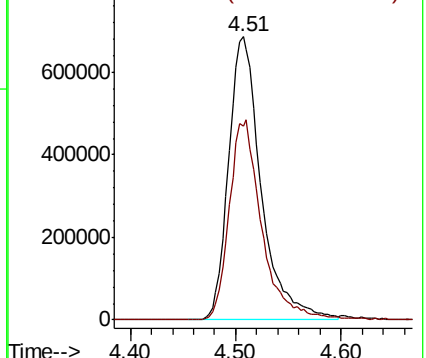
101 100

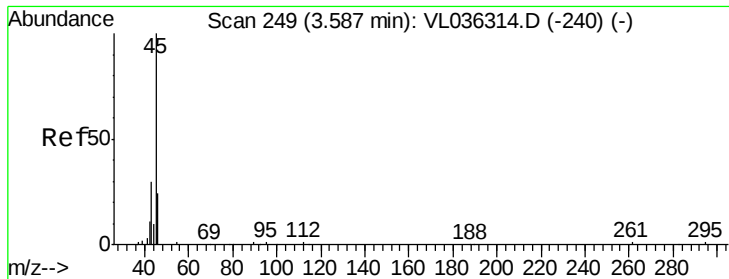
151 70.9 58.2 87.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

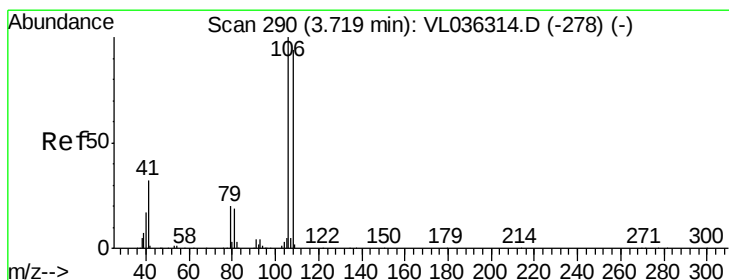
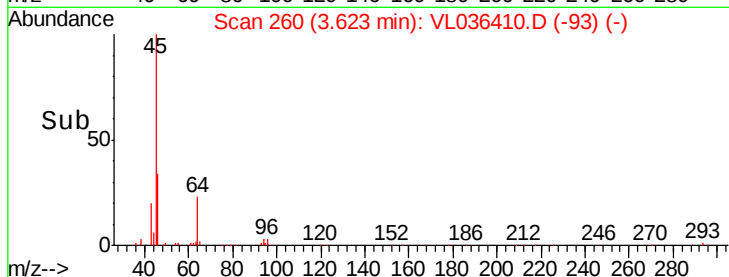
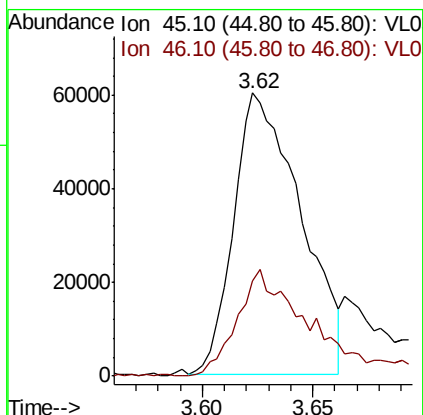
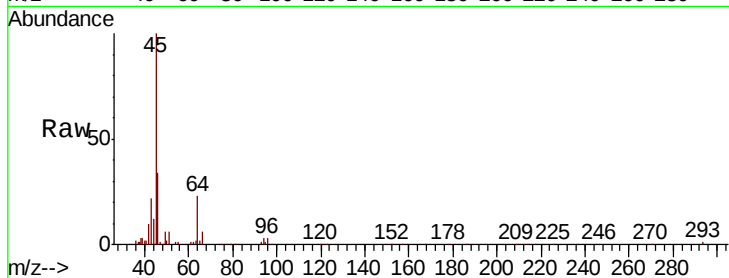




#13
Ethanol
Concen: 8.736 ppbv
RT: 3.62 min Scan# 260
Delta R.T. 0.04 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

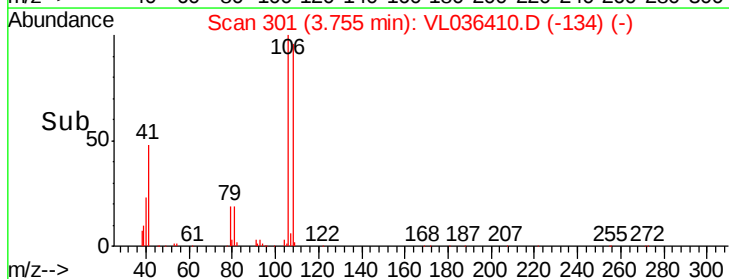
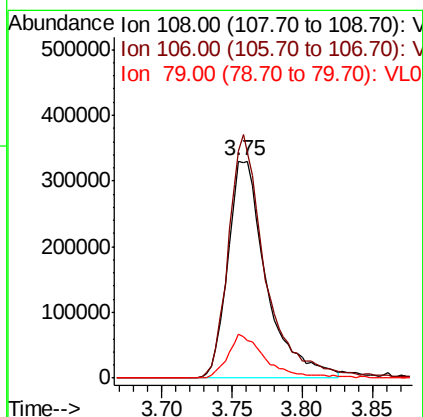
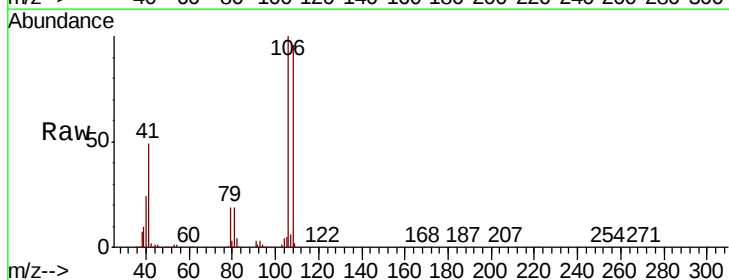
Instrument :
MSVOA_L
ClientSampleId :

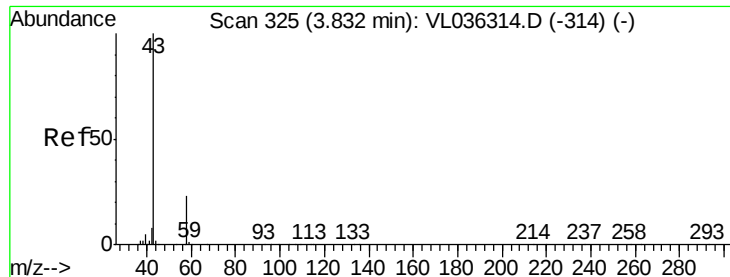
Tot Ion: 45 Resp: 126679
Ion Ratio Lower Upper
45 100
46 44.0 17.7 70.7



#14
Bromoethene
Concen: 10.027 ppbv
RT: 3.75 min Scan# 301
Delta R.T. 0.04 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion: 108 Resp: 633126
Ion Ratio Lower Upper
108 100
106 108.7 89.8 134.8
79 20.5 17.1 25.7

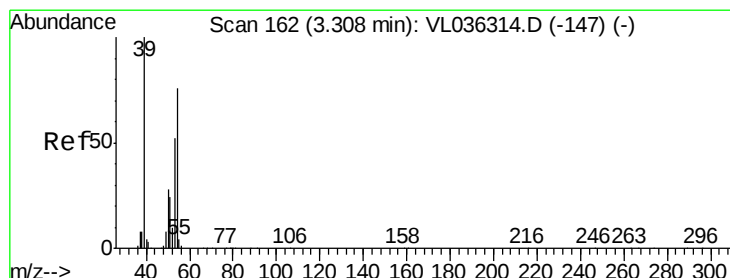
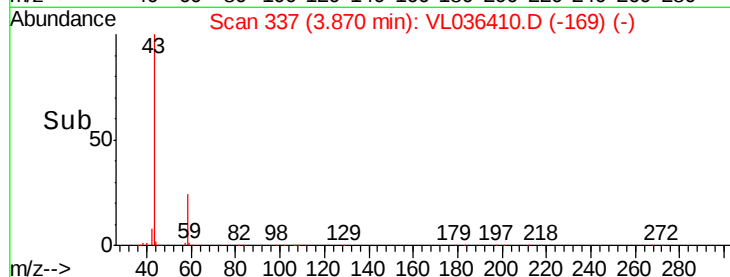
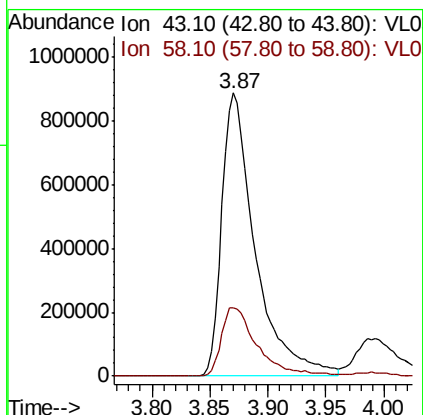
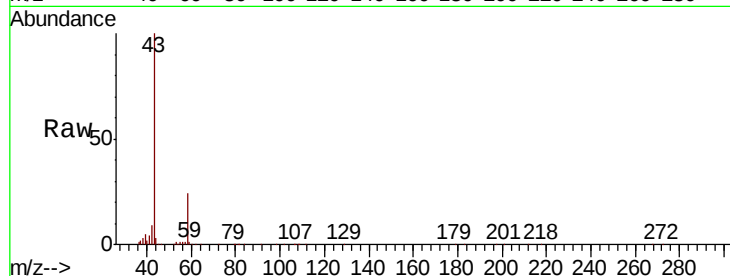




#15
Acetone
Concen: 8.688 ppbv
RT: 3.87 min Scan# 337
Delta R.T. 0.04 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

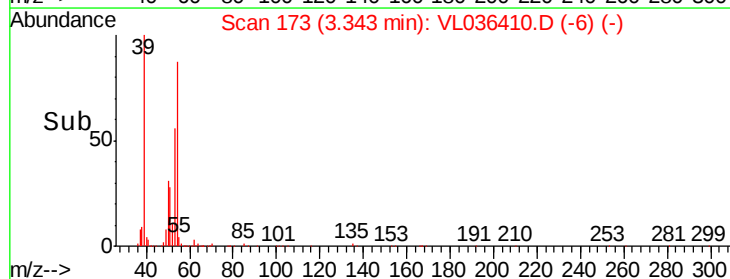
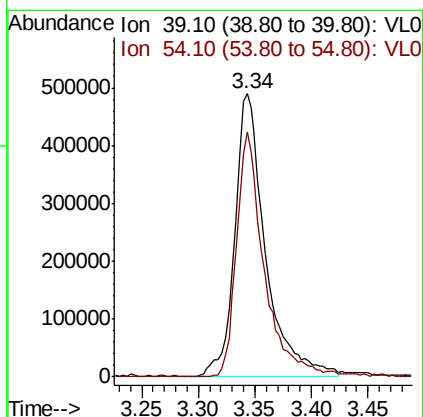
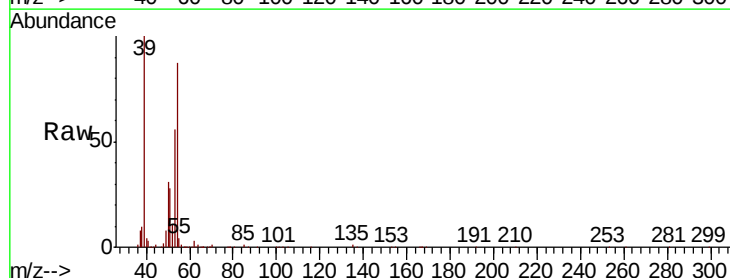
Instrument :
MSVOA_L
ClientSampleId :

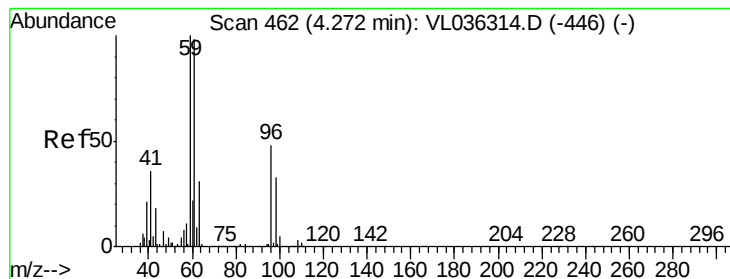
Tot Ion: 43 Resp: 1769951
Ion Ratio Lower Upper
43 100
58 25.8 20.3 30.5



#16
1,3-Butadiene
Concen: 9.466 ppbv
RT: 3.34 min Scan# 173
Delta R.T. 0.04 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion: 39 Resp: 922150
Ion Ratio Lower Upper
39 100
54 79.5 64.4 96.6



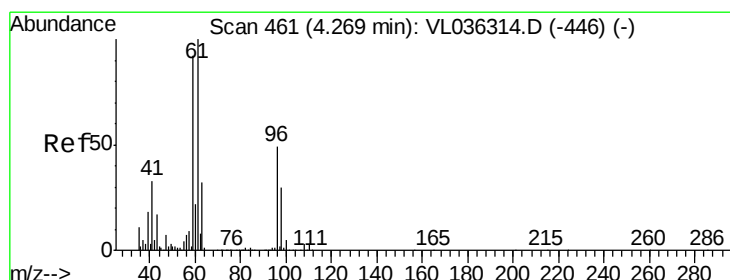
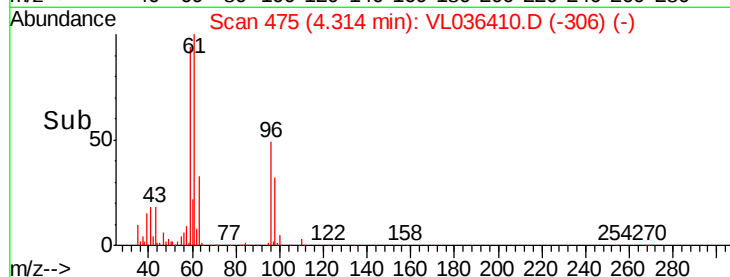
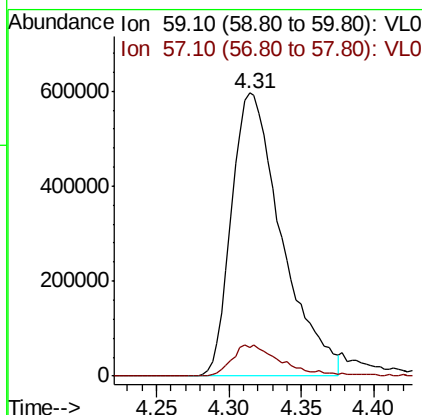
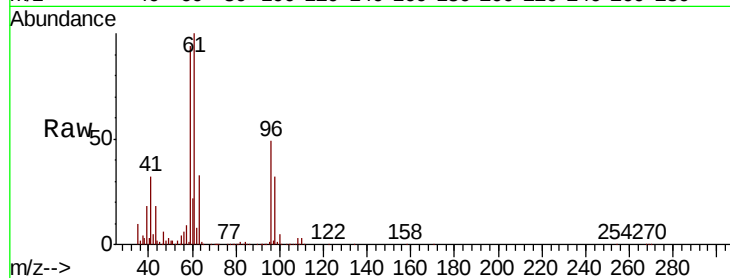


#17

tert-Butyl alcohol
Concen: 9.057 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.04 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :

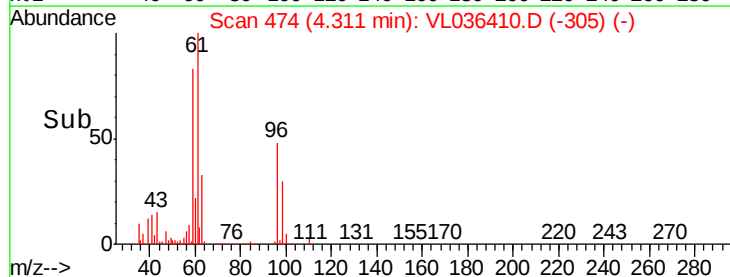
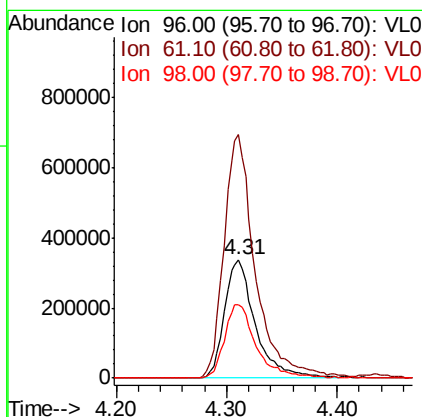
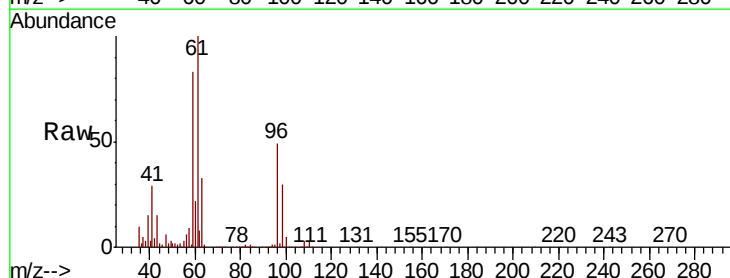
Tot Ion: 59 Resp: 1432239
Ion Ratio Lower Upper
59 100
57 11.4 9.0 13.4

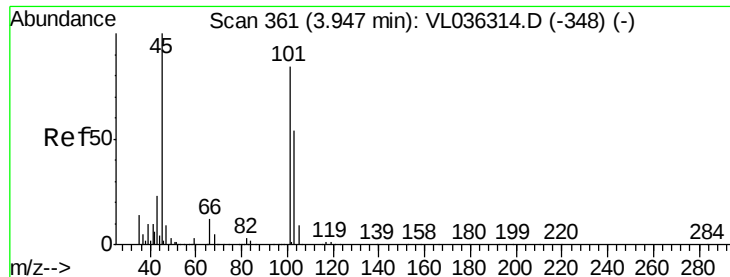


#18

1,1-Dichloroethene
Concen: 9.547 ppbv
RT: 4.31 min Scan# 474
Delta R.T. 0.04 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion: 96 Resp: 654579
Ion Ratio Lower Upper
96 100
61 206.0 162.5 243.7
98 62.2 48.5 72.7





#19

Isopropyl Alcohol

Concen: 8.426 ppbv

RT: 3.99 min Scan# 374

Delta R.T. 0.04 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

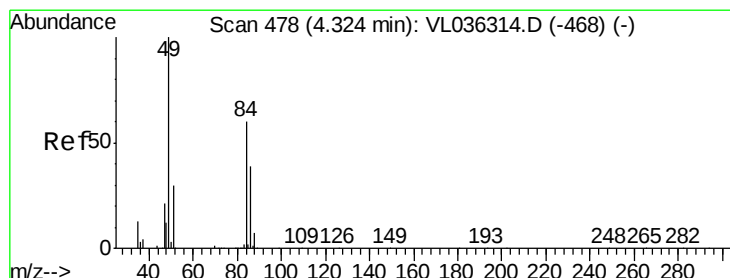
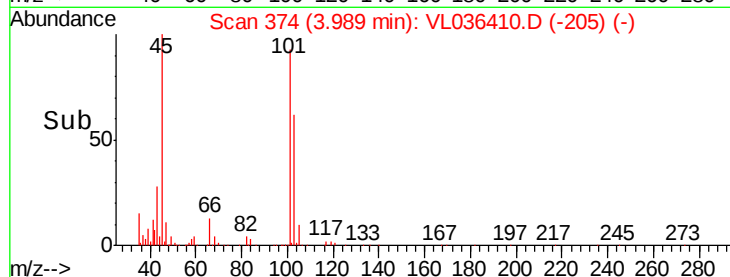
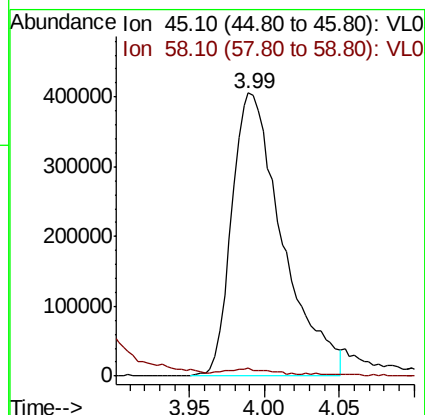
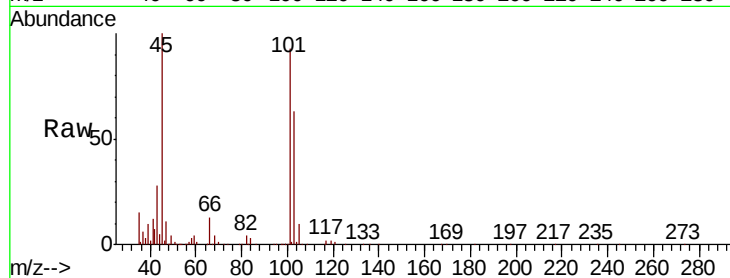
ClientSampleId :

Tot Ion: 45 Resp: 950941

Ion Ratio Lower Upper

45 100

58 3.1 1.9 2.9#



#20

Methylene Chloride

Concen: 8.528 ppbv

RT: 4.37 min Scan# 491

Delta R.T. 0.04 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Tgt Ion: 84 Resp: 560478

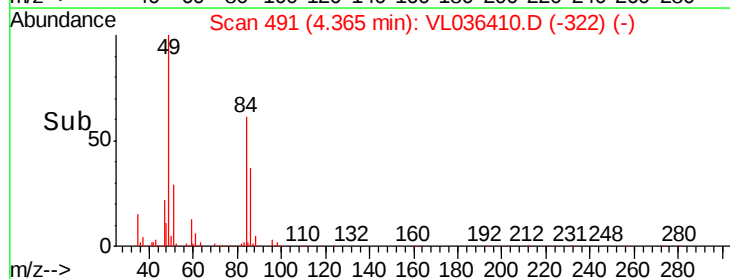
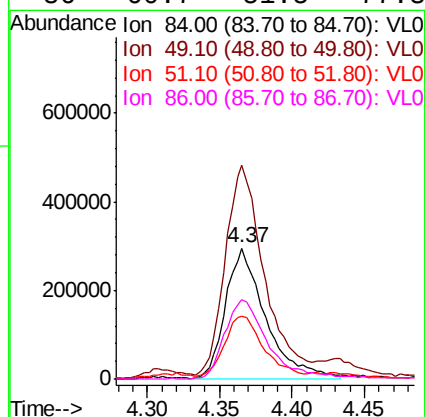
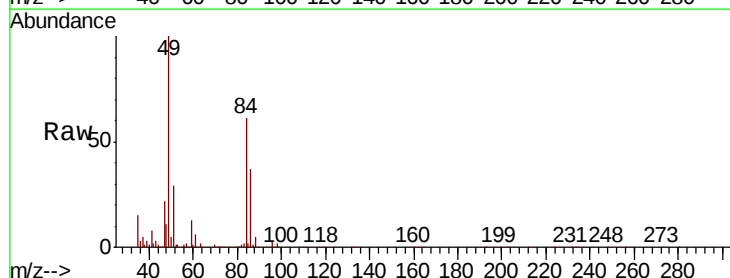
Ion Ratio Lower Upper

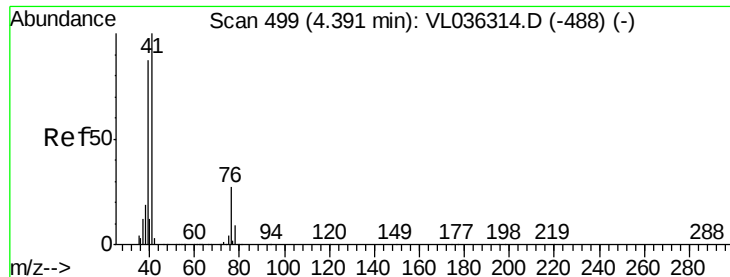
84 100

49 160.8 133.8 200.8

51 44.8 41.4 62.0

86 60.7 51.5 77.3

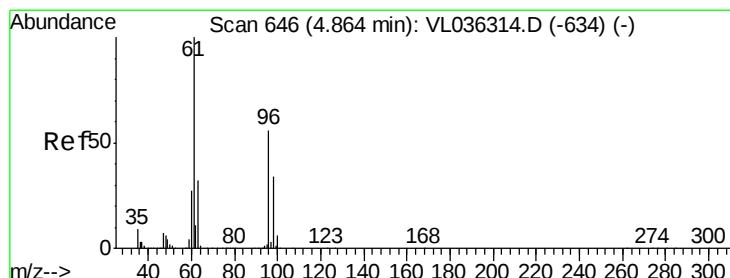
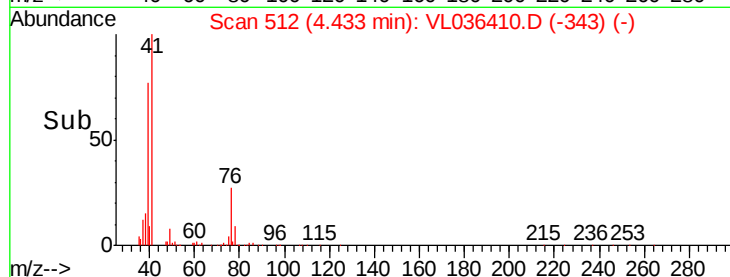
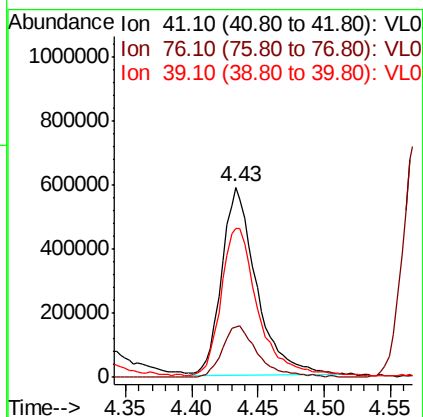
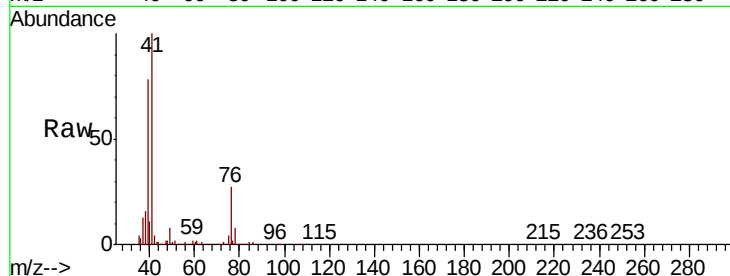




#21
Allvl Chloride
Concen: 9.344 ppbv
RT: 4.43 min Scan# 512
Delta R.T. 0.04 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

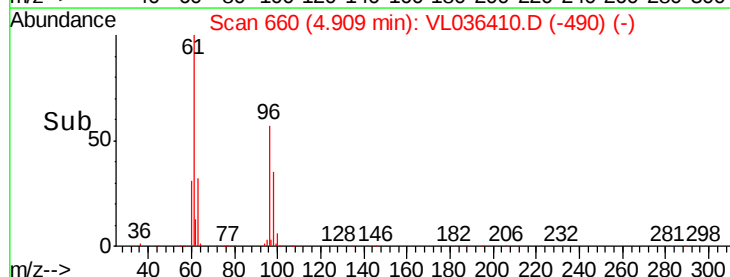
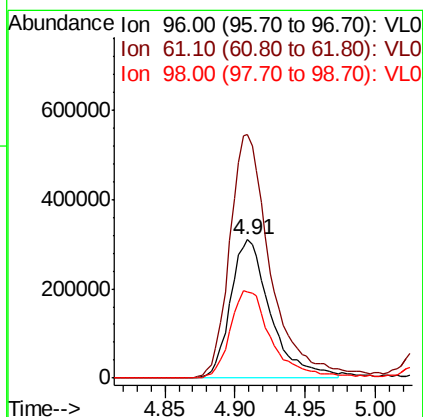
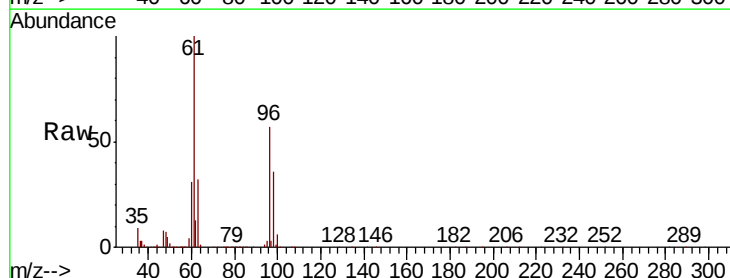
Instrument :
MSVOA_L
ClientSampleId :

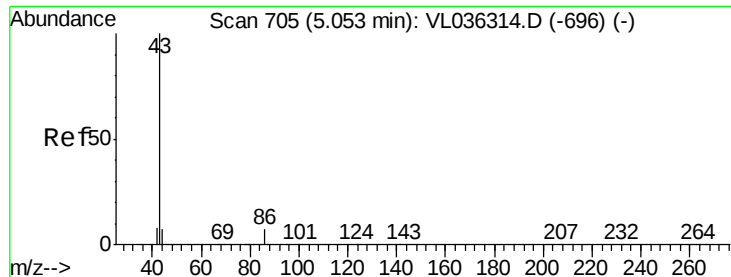
Tot Ion: 41 Resp: 1059817
Ion Ratio Lower Upper
41 100
76 28.8 22.0 33.0
39 85.8 70.2 105.2



#22
trans-1,2-Dichloroethene
Concen: 9.942 ppbv
RT: 4.91 min Scan# 660
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion: 96 Resp: 619163
Ion Ratio Lower Upper
96 100
61 176.2 143.7 215.5
98 62.6 48.5 72.7

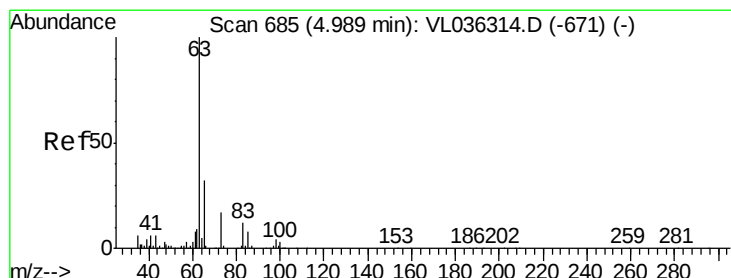
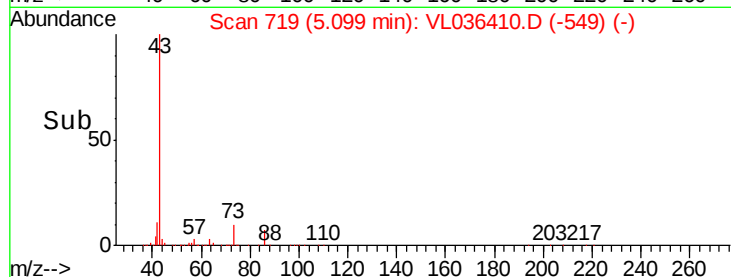
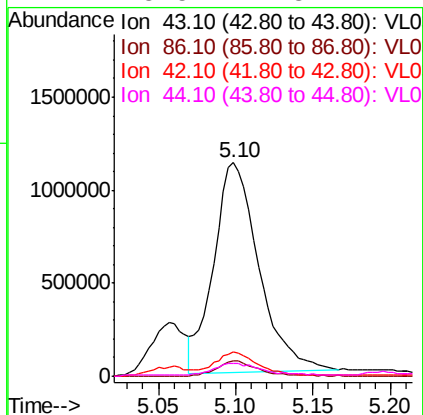
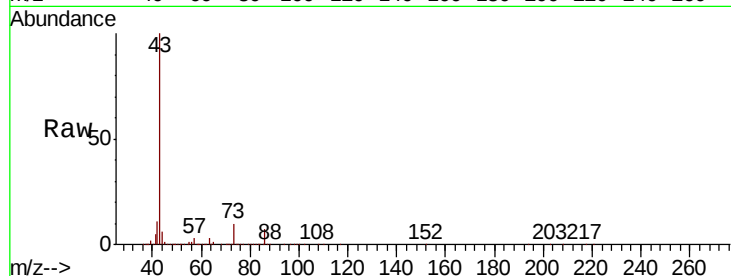




#23
 Vinyl Acetate
 Concen: 9.575 ppbv
 RT: 5.10 min Scan# 719
 Delta R.T. 0.05 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

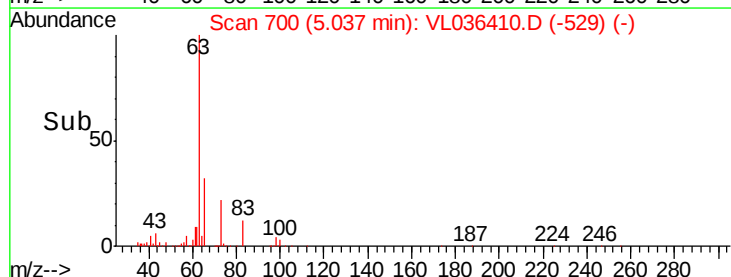
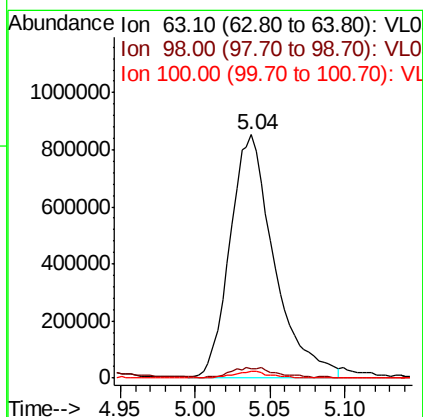
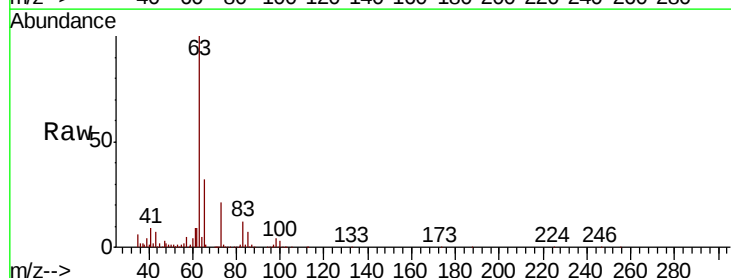
Instrument :
 MSVOA_L
 ClientSampleId :

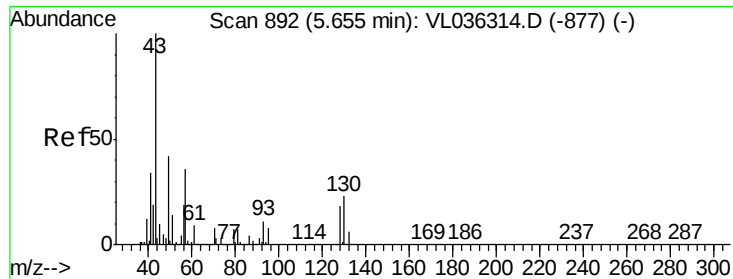
Tot Ion: 43 Resp: 2293574
 Ion Ratio Lower Upper
 43 100
 86 7.1 4.8 7.2
 42 11.4 7.4 11.0#
 44 5.5 4.8 7.2



#24
 1,1-Dichloroethane
 Concen: 9.800 ppbv
 RT: 5.04 min Scan# 700
 Delta R.T. 0.05 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Tgt Ion: 63 Resp: 1736117
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.0 6.0
 100 2.9 1.5 4.4

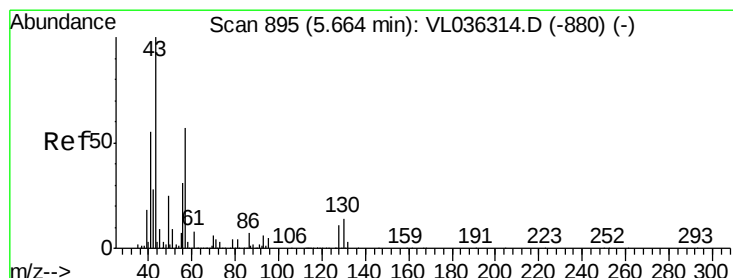
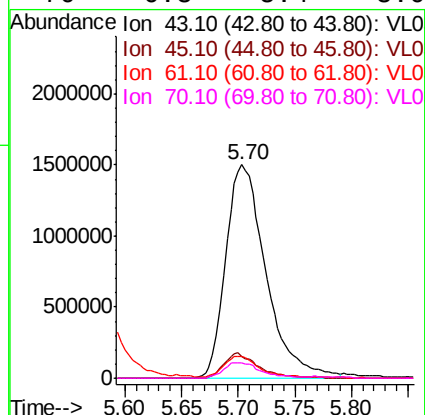
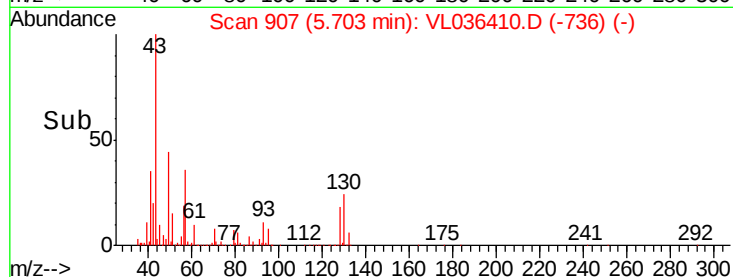
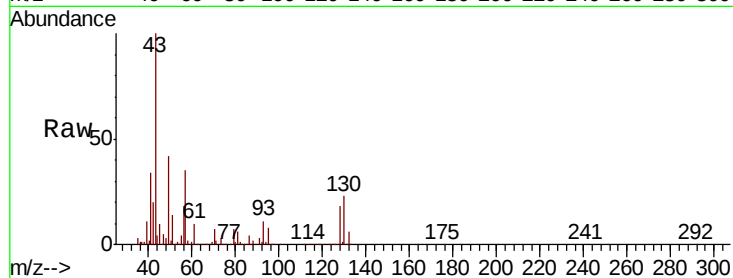




#25
Ethyl Acetate
Concen: 9.413 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

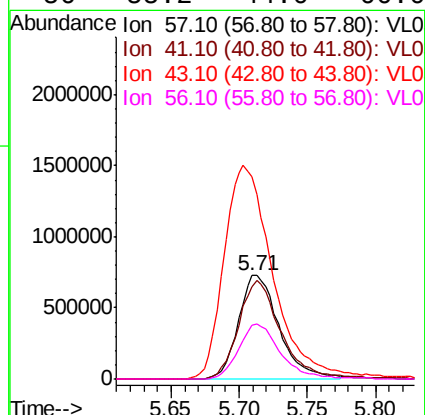
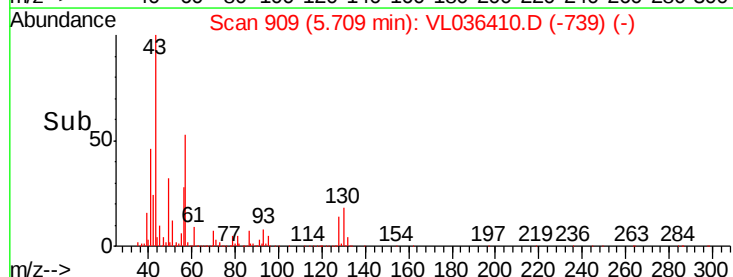
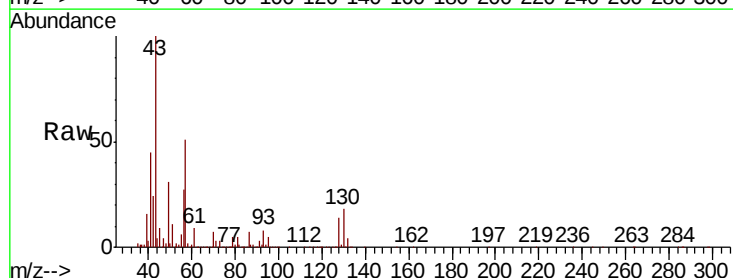
Instrument :
MSVOA_L
ClientSampleId :

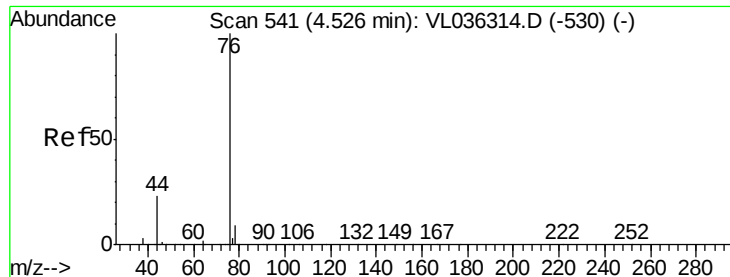
Tot Ion: 43 Resp: 3702105
Ion Ratio Lower Upper
43 100
45 10.5 8.3 12.5
61 9.6 7.3 10.9
70 6.8 5.4 8.0



#26
Hexane
Concen: 9.352 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion: 57 Resp: 1511190
Ion Ratio Lower Upper
57 100
41 99.9 81.7 122.5
43 249.9 199.1 298.7
56 55.2 44.0 66.0





#27

Carbon Disulfide

Concen: 11.099 ppbv

RT: 4.57 min Scan# 555

Delta R.T. 0.05 min

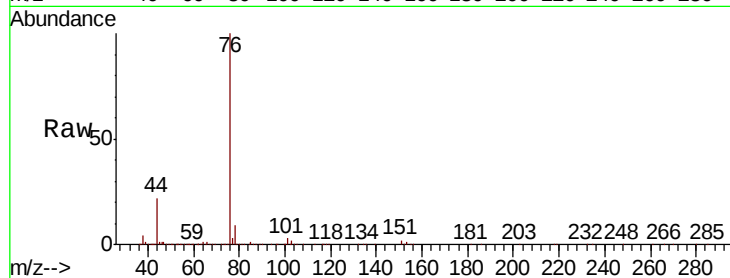
Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 76 Resp: 1648314

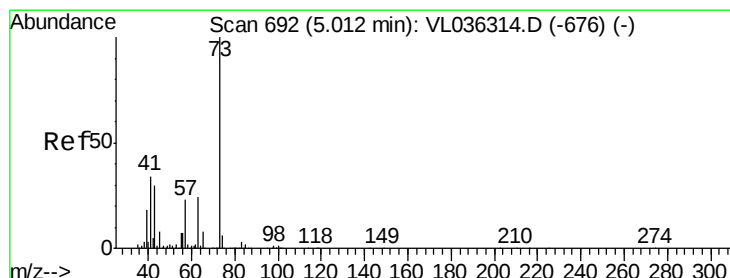
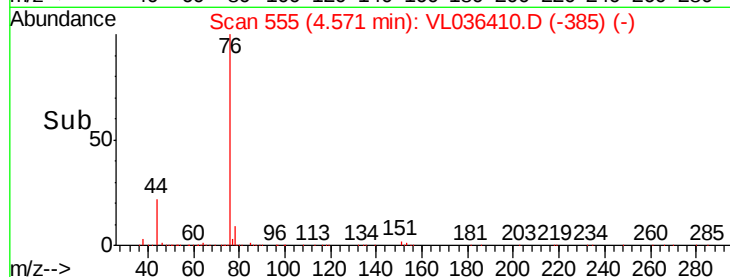
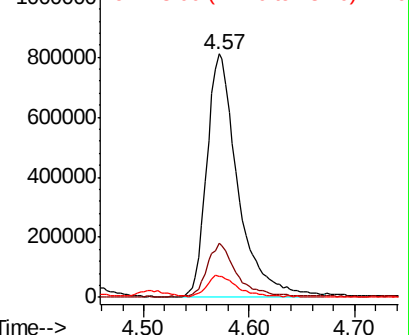
Ion	Ratio	Lower	Upper
76	100		
44	21.0	18.4	27.6
78	9.5	8.0	12.0



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: 10.110 ppbv

RT: 5.06 min Scan# 706

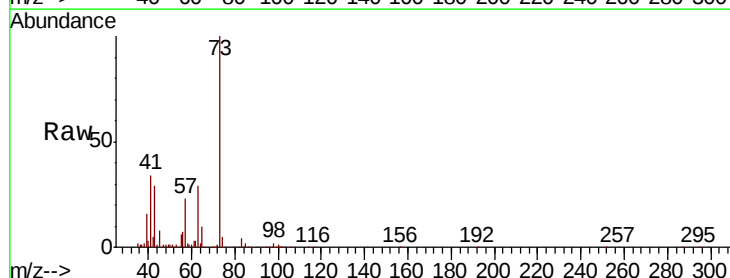
Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

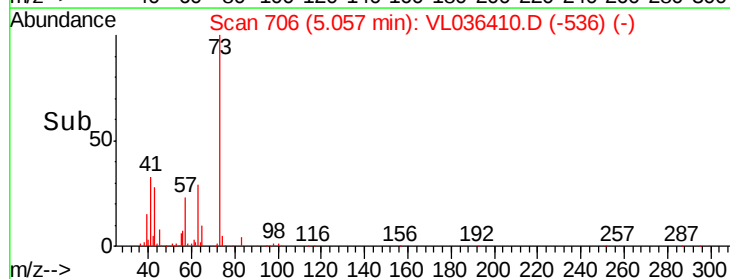
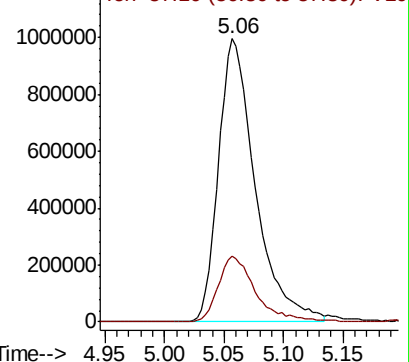
Tgt Ion: 73 Resp: 2134165

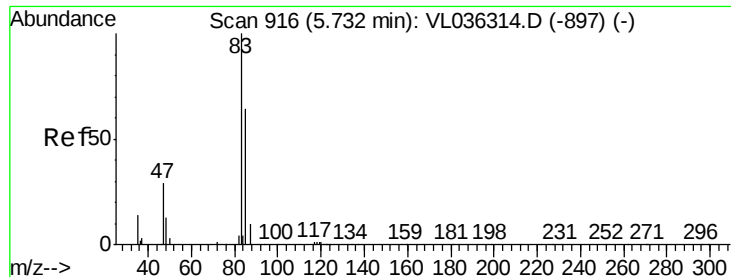
Ion	Ratio	Lower	Upper
73	100		
57	23.9	19.2	28.8



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 9.295 ppbv

RT: 5.78 min Scan# 931

Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

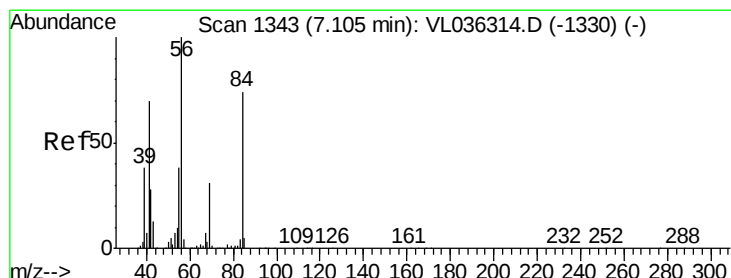
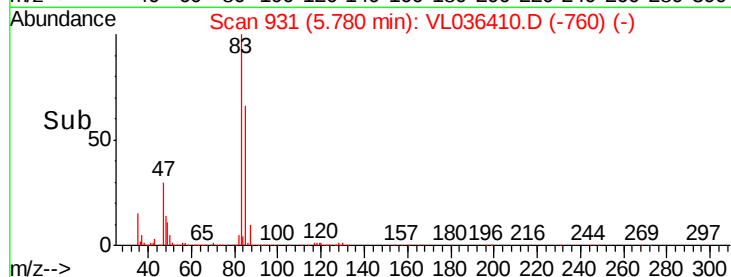
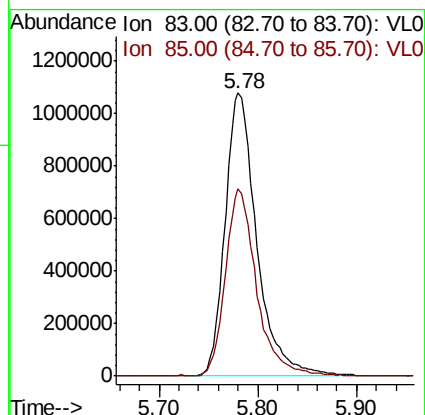
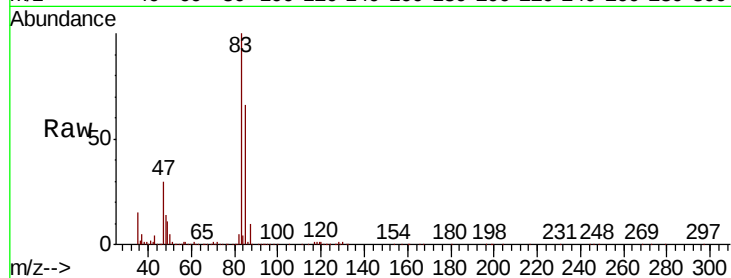
ClientSampleId :

Tot Ion: 83 Resp: 2419630

Ion Ratio Lower Upper

83 100

85 65.8 51.4 77.2



#30

Cyclohexane

Concen: 9.391 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

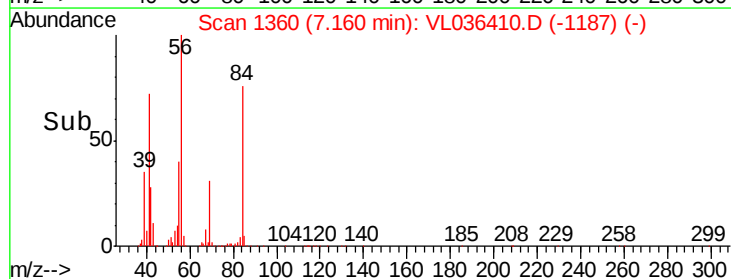
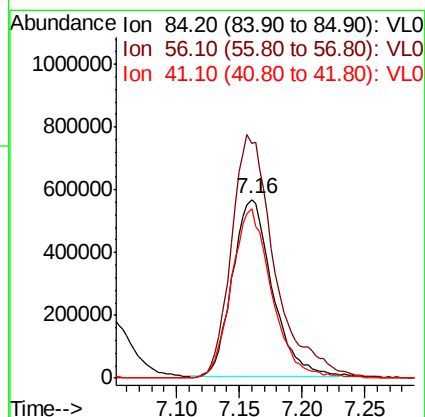
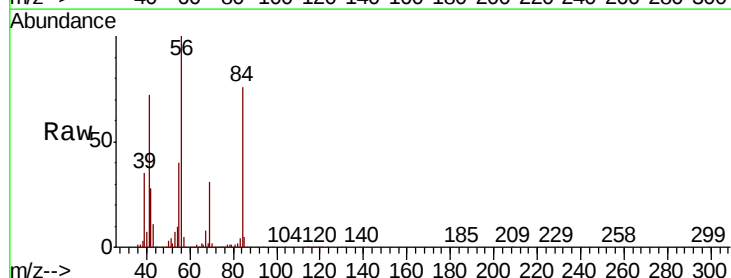
Tgt Ion: 84 Resp: 1262090

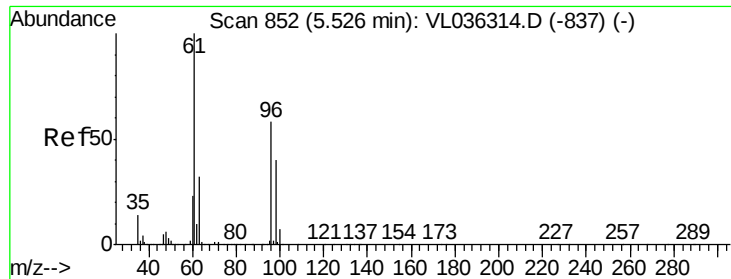
Ion Ratio Lower Upper

84 100

56 149.0 120.2 180.4

41 95.7 79.7 119.5



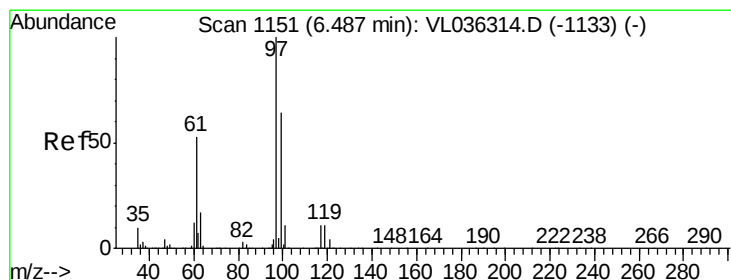
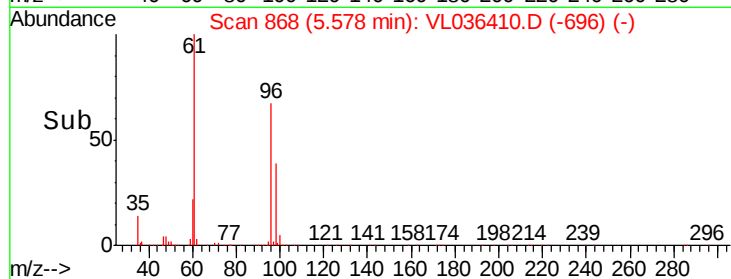
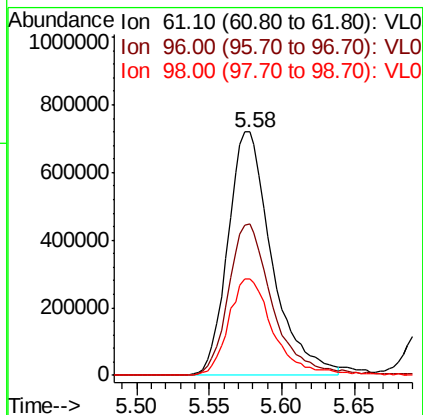
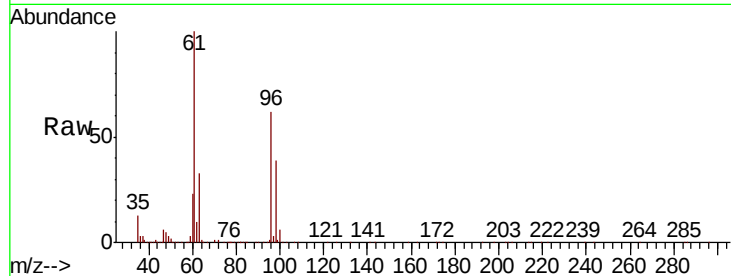


#31

cis-1,2-Dichloroethene
 Concen: 9.435 ppbv
 RT: 5.58 min Scan# 868
 Delta R.T. 0.05 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Instrument :
 MSVOA_L
 ClientSampleId :

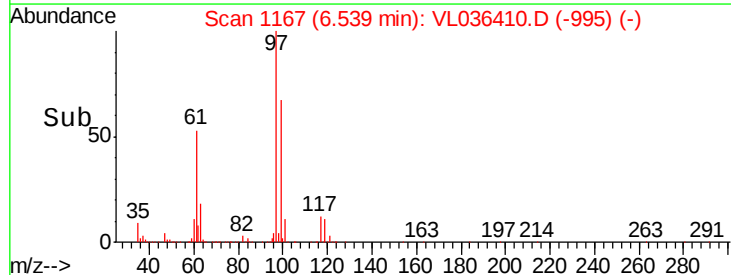
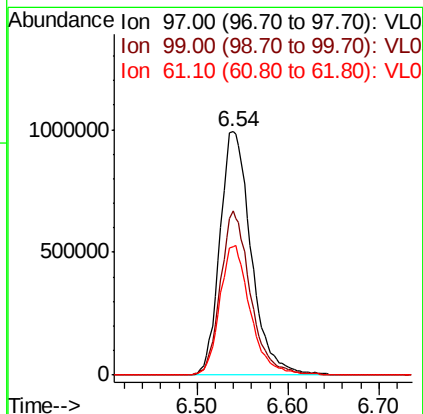
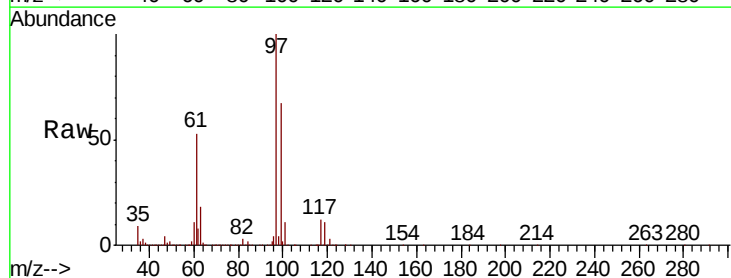
Tot Ion: 61 Resp: 1508562
 Ion Ratio Lower Upper
 61 100
 96 62.3 46.0 69.0
 98 39.3 31.9 47.9

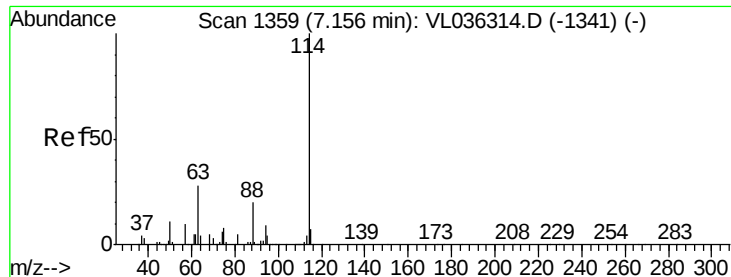


#32

1,1,1-Trichloroethane
 Concen: 9.724 ppbv
 RT: 6.54 min Scan# 1167
 Delta R.T. 0.05 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Tgt Ion: 97 Resp: 2366618
 Ion Ratio Lower Upper
 97 100
 99 64.8 52.2 78.4
 61 52.4 43.3 64.9

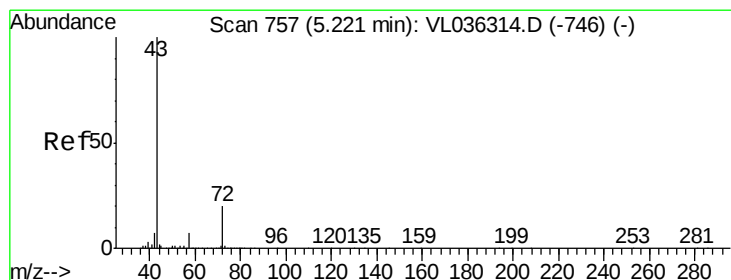
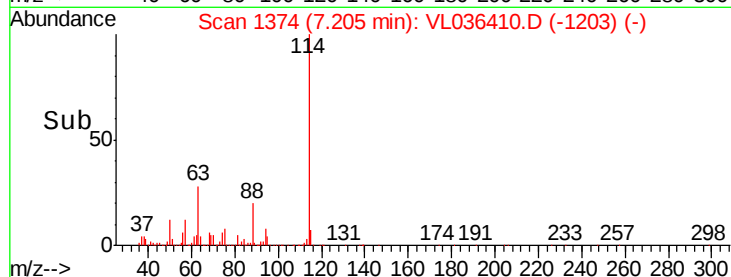
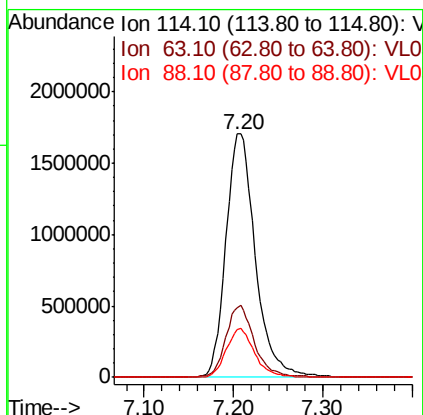
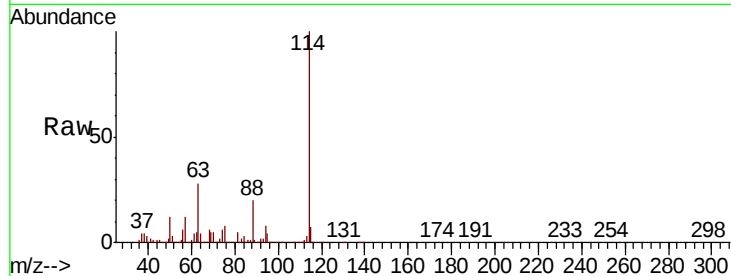




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. 0.05 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

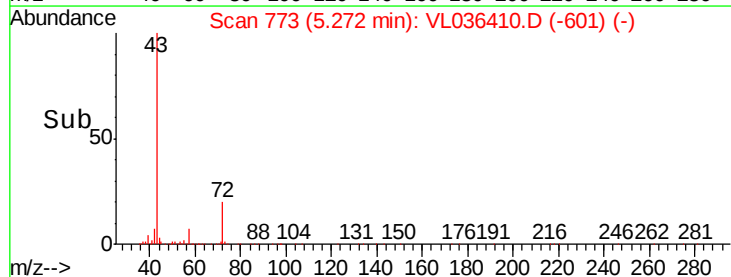
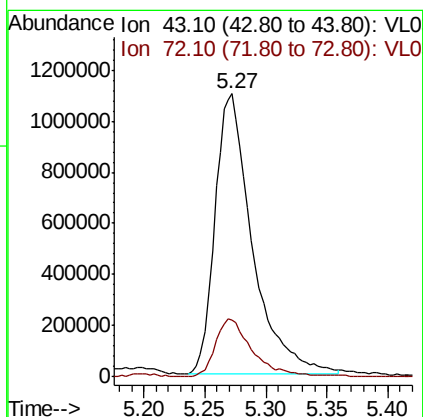
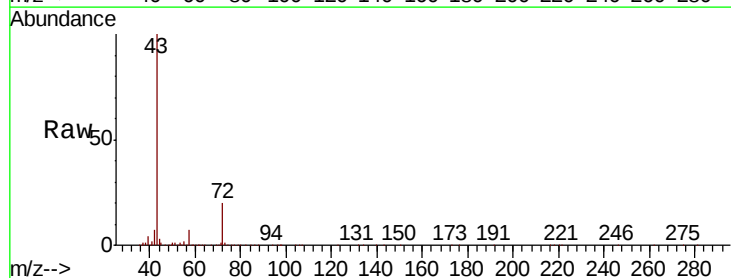
Instrument :
 MSVOA_L
 ClientSampleId :

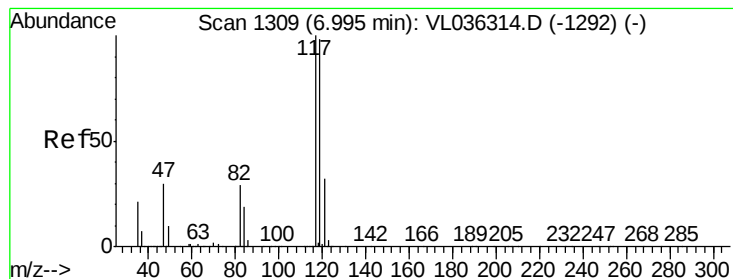
Tot Ion:114 Resp: 3911682
 Ion Ratio Lower Upper
 114 100
 63 28.9 24.1 36.1
 88 19.4 16.0 24.0



#34
 2-Butanone
 Concen: 9.035 ppbv
 RT: 5.27 min Scan# 773
 Delta R.T. 0.05 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Tgt Ion: 43 Resp: 2348319
 Ion Ratio Lower Upper
 43 100
 72 20.8 16.7 25.1





#35

Carbon Tetrachloride

Concen: 9.179 ppbv

RT: 7.05 min Scan# 1326

Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

ClientSampled :

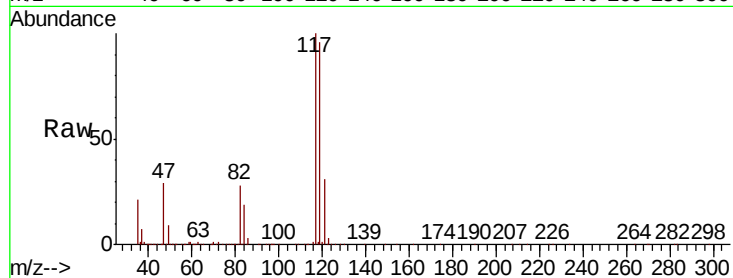
Tot Ion:117 Resp: 2406274

Ion Ratio Lower Upper

117 100

119 96.2 78.1 117.1

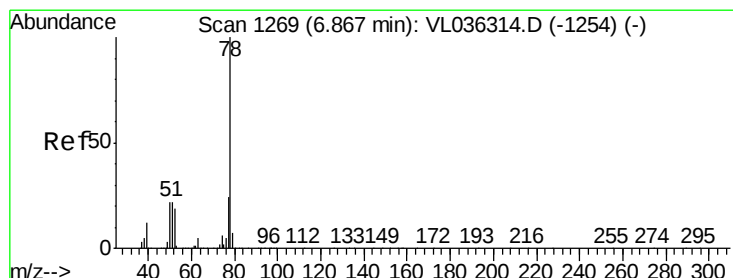
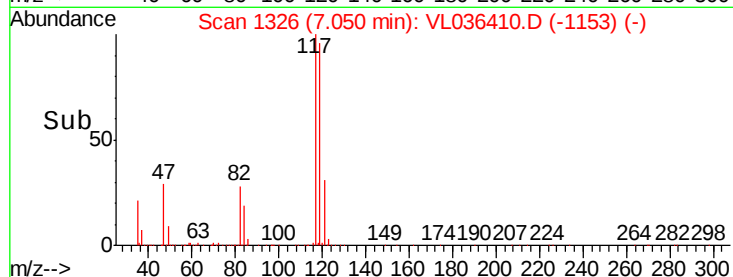
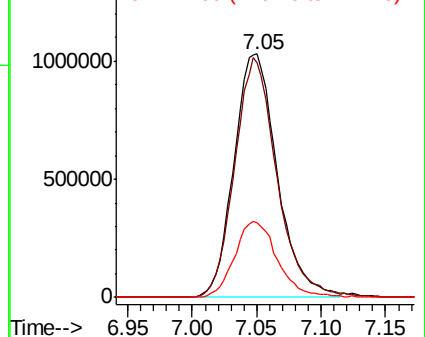
121 30.6 25.8 38.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.568 ppbv

RT: 6.92 min Scan# 1286

Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

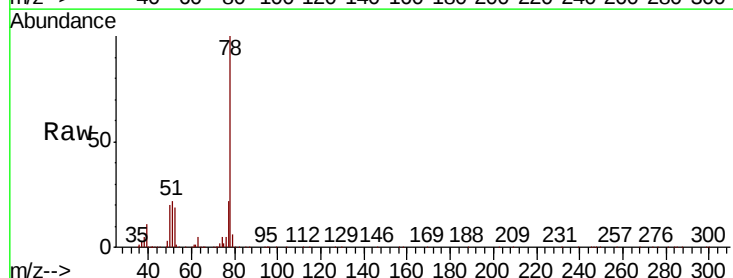
Tgt Ion: 78 Resp: 3179331

Ion Ratio Lower Upper

78 100

77 22.3 18.9 28.3

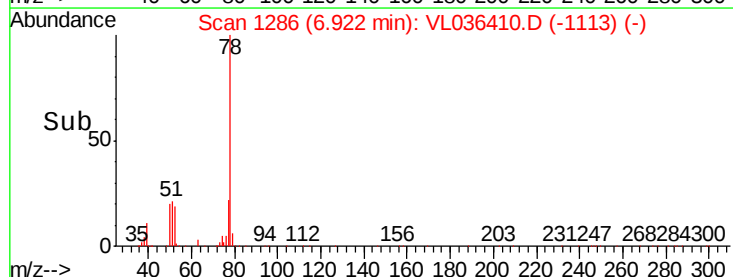
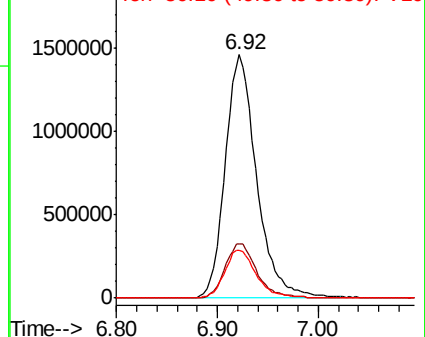
50 19.6 17.3 25.9

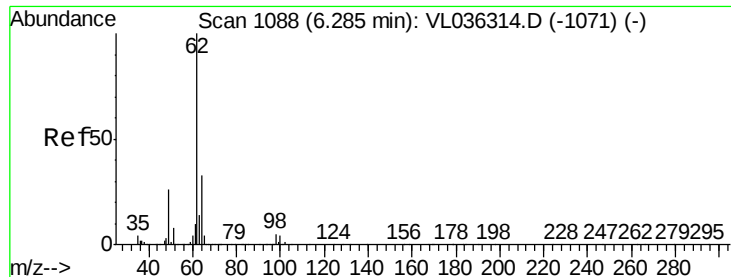


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

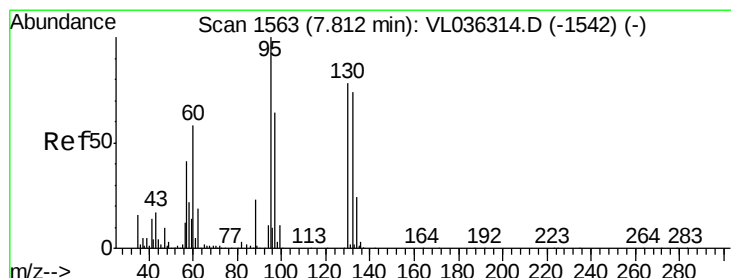
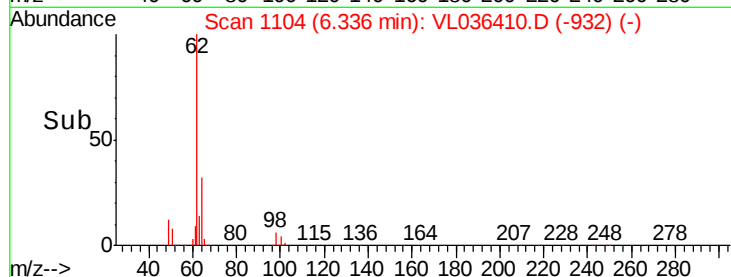
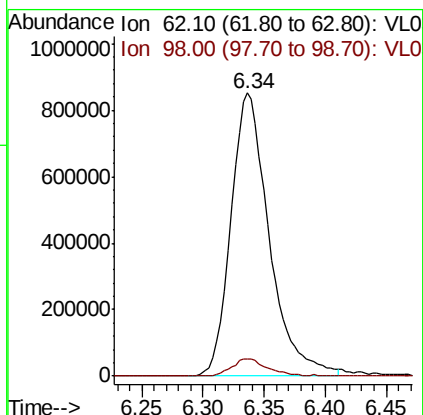
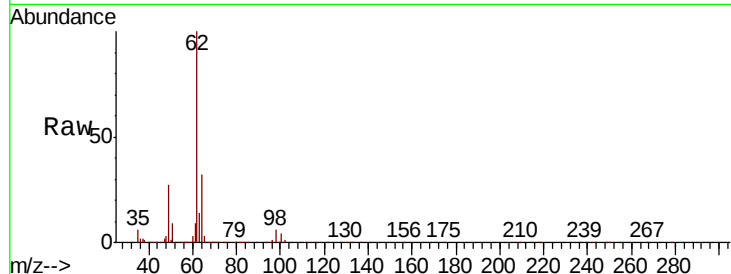




#37
1,2-Dichloroethane
Concen: 9.059 ppbv
RT: 6.34 min Scan# 1104
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

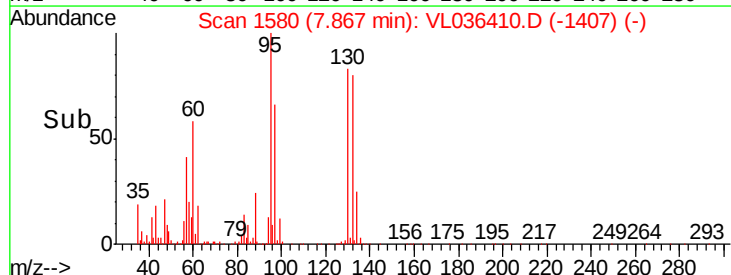
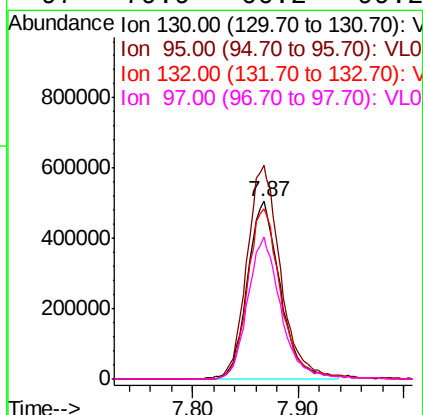
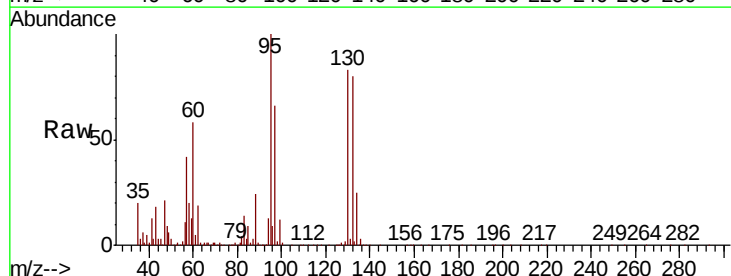
Instrument :
MSVOA_L
ClientSampleId :

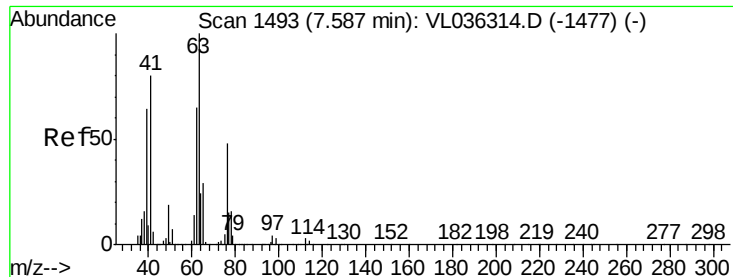
Tot Ion: 62 Resp: 1861216
Ion Ratio Lower Upper
62 100
98 6.0 4.5 6.7



#38
Trichloroethene
Concen: 9.221 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion:130 Resp: 1097661
Ion Ratio Lower Upper
130 100
95 120.4 102.8 154.2
132 96.0 75.7 113.5
97 79.9 66.2 99.2



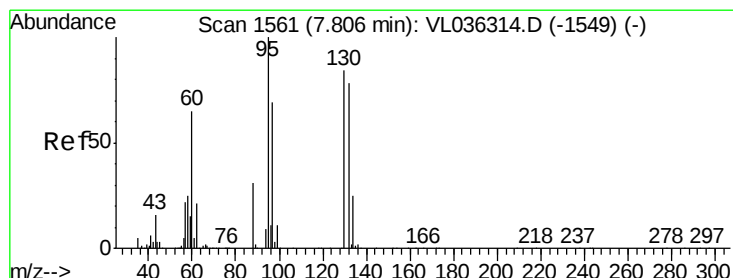
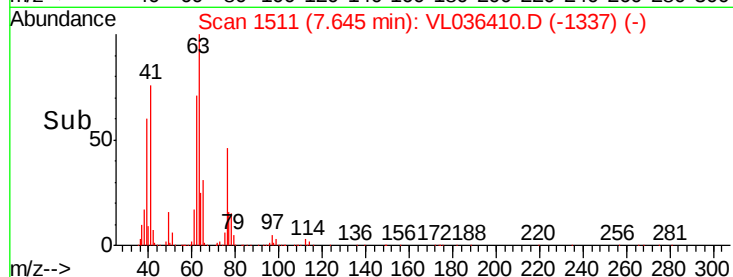
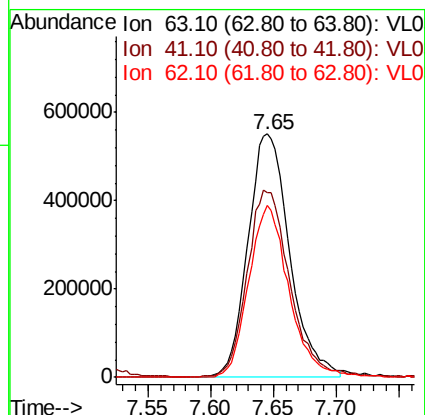
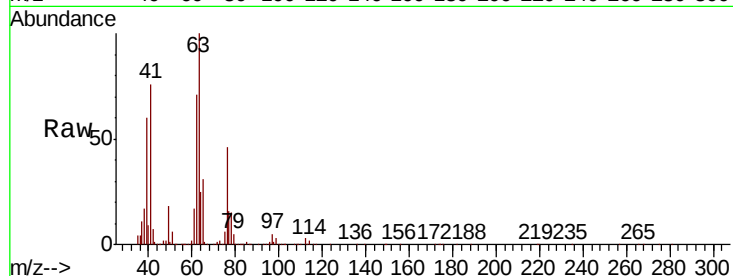


#39
 1,2-Dichloropropane
 Concen: 9.451 ppbv
 RT: 7.65 min Scan# 1511
 Delta R.T. 0.06 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 63 Resp: 1275706

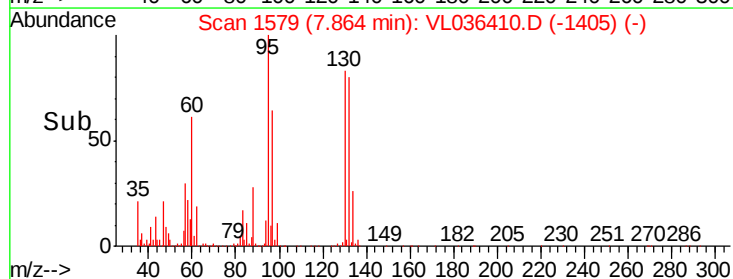
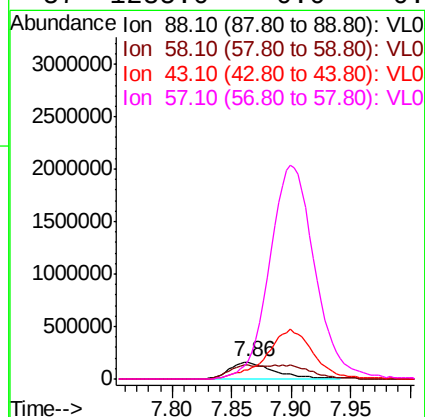
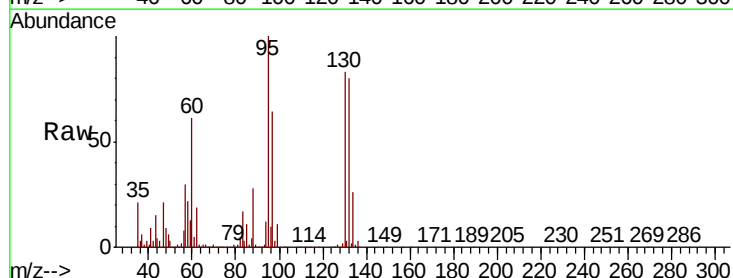
Ion	Ratio	Lower	Upper
63	100		
41	75.7	63.8	95.6
62	70.7	52.3	78.5

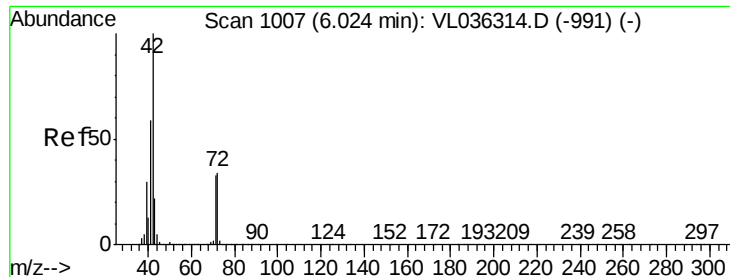


#40
 1,4-Dioxane
 Concen: 8.986 ppbv
 RT: 7.86 min Scan# 1579
 Delta R.T. 0.06 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Tgt Ion: 88 Resp: 420263

Ion	Ratio	Lower	Upper
88	100		
58	141.3	45.0	67.4#
43	310.0	0.0	0.0#
57	1285.0	0.0	0.0#





#41

Tetrahydrofuran

Concen: 9.855 ppbv

RT: 6.08 min Scan# 1024

Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

ClientSampleId :

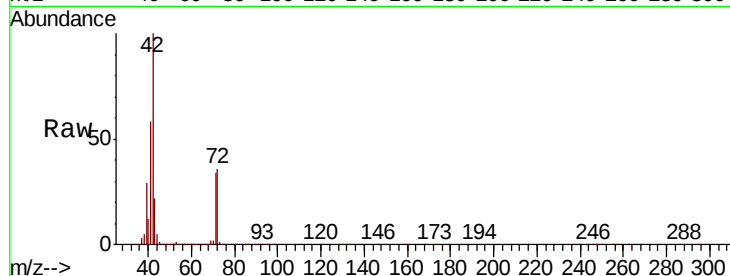
Tot Ion: 42 Resp: 1429314

Ion Ratio Lower Upper

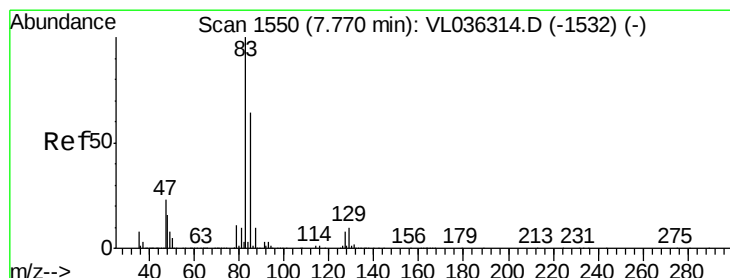
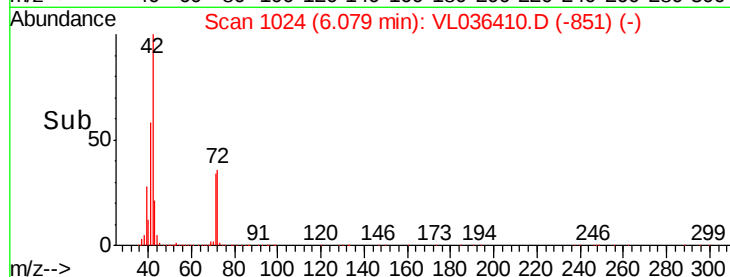
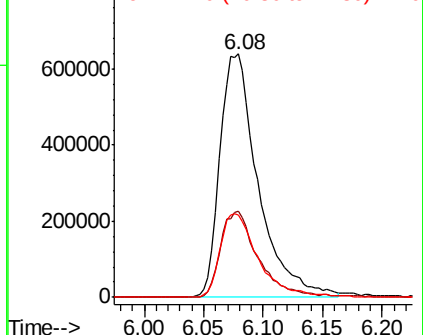
42 100

72 35.4 29.3 43.9

71 34.7 27.8 41.8



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: 9.393 ppbv

RT: 7.83 min Scan# 1567

Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

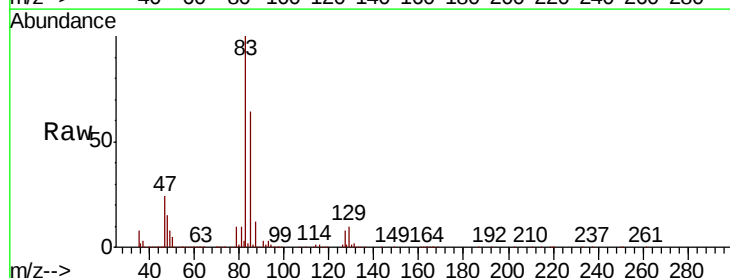
Tgt Ion: 83 Resp: 2584479

Ion Ratio Lower Upper

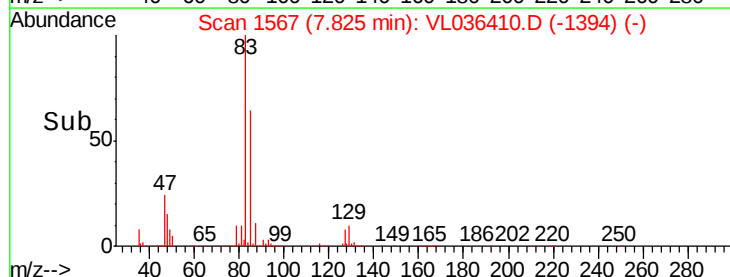
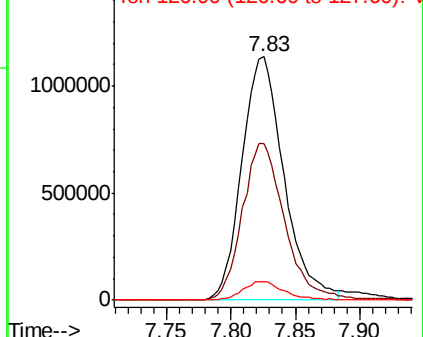
83 100

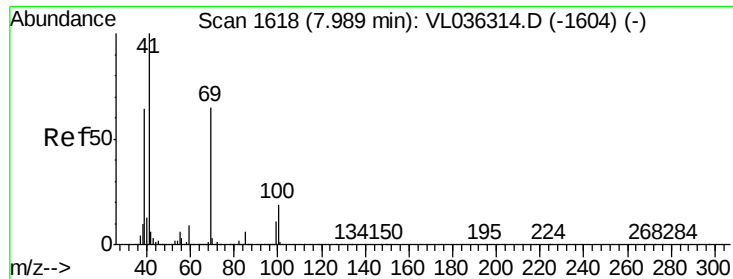
85 64.1 51.1 76.7

127 7.7 6.3 9.5



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: 9.966 ppbv

RT: 8.04 min Scan# 1635

Delta R.T. 0.05 min

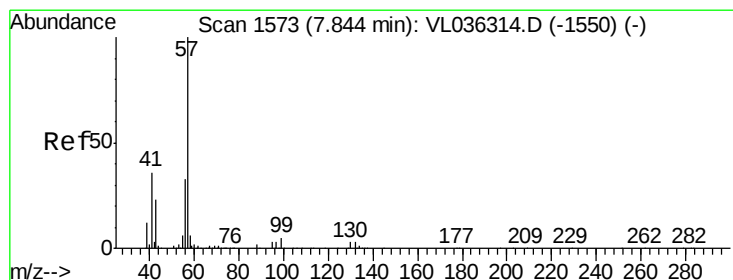
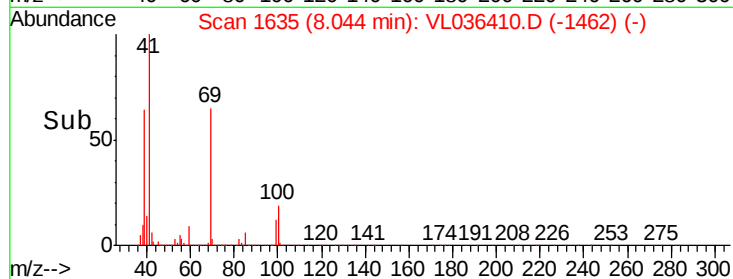
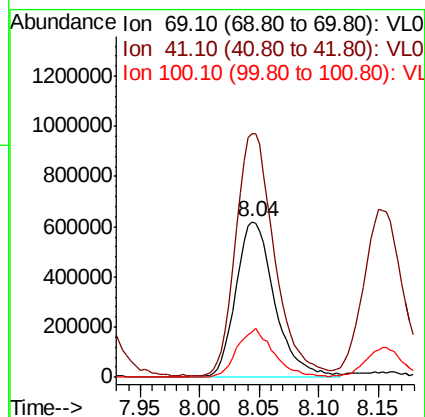
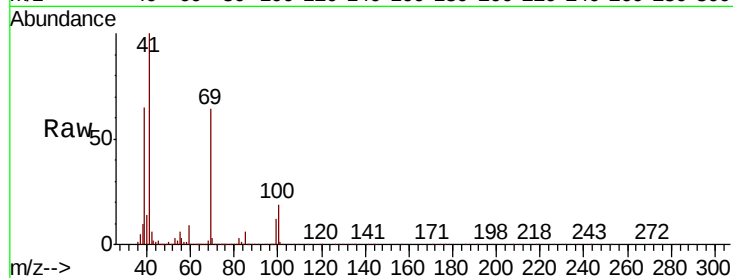
Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 69 Resp: 1396548

Ion	Ratio	Lower	Upper
69	100		
41	157.8	126.5	189.7
100	29.8	23.1	34.7



#44

2,2,4-Trimethylpentane

Concen: 8.904 ppbv

RT: 7.90 min Scan# 1590

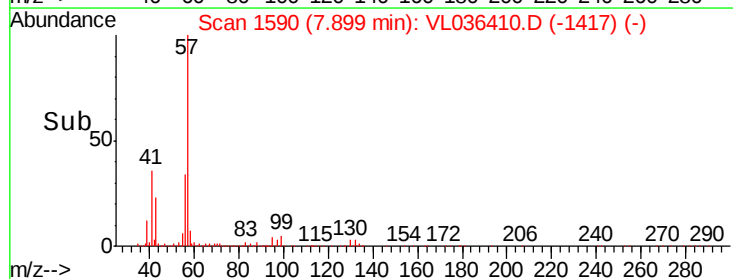
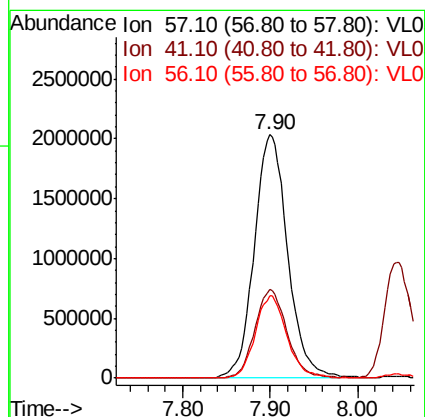
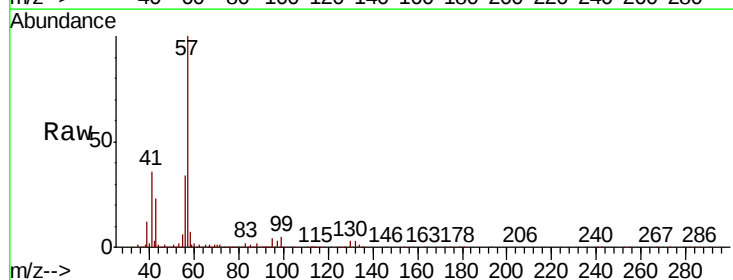
Delta R.T. 0.05 min

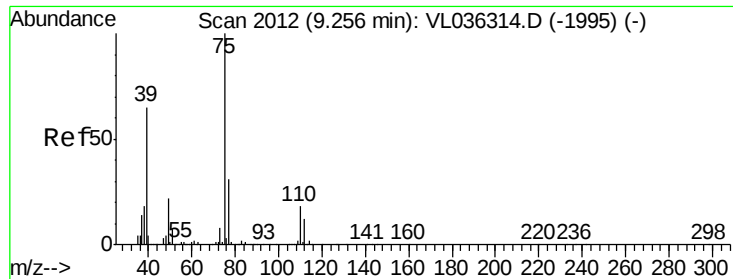
Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Tgt Ion: 57 Resp: 5379984

Ion	Ratio	Lower	Upper
57	100		
41	34.9	28.8	43.2
56	32.2	25.8	38.6

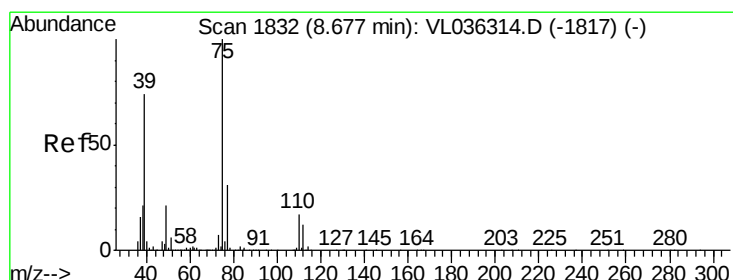
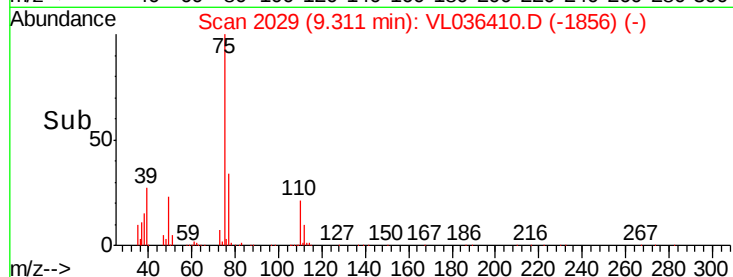
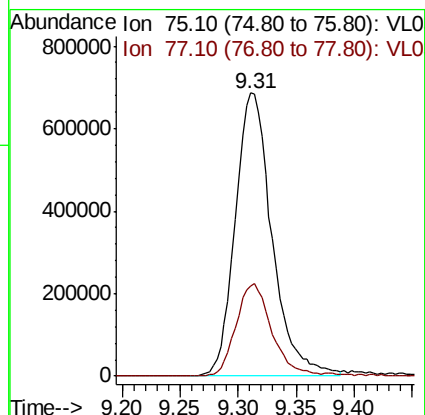
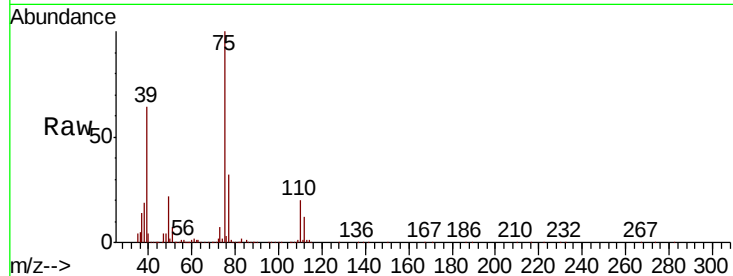




#45
 t-1,3-Dichloropropene
 Concen: 11.123 ppbv
 RT: 9.31 min Scan# 2029
 Delta R.T. 0.05 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

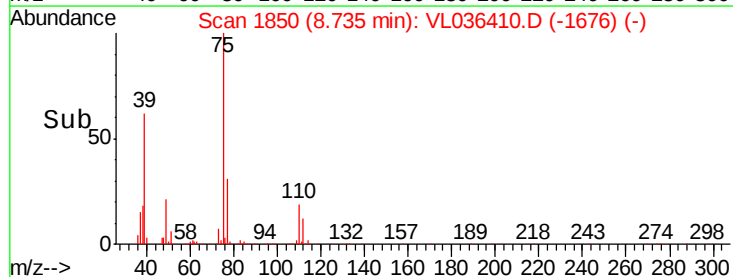
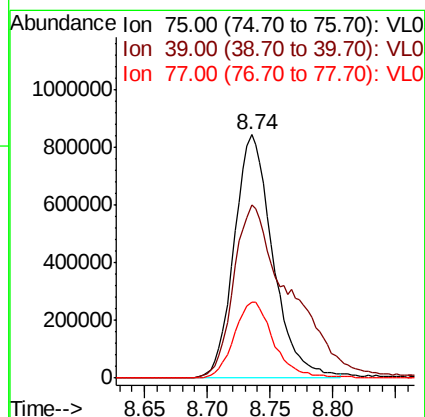
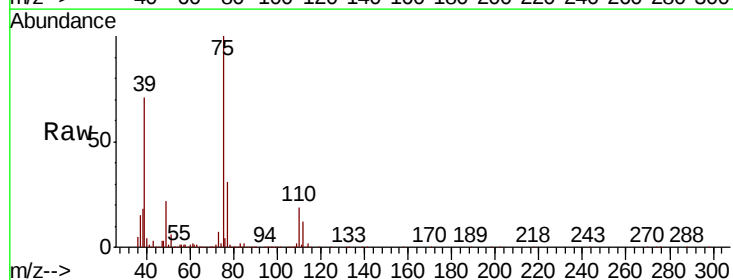
Instrument :
 MSVOA_L
 ClientSampleId :

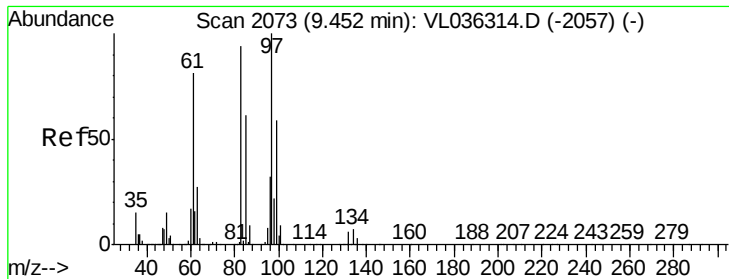
Tot Ion: 75 Resp: 1503623
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.6 37.0



#46
 cis-1,3-Dichloropropene
 Concen: 10.490 ppbv
 RT: 8.74 min Scan# 1850
 Delta R.T. 0.06 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Tgt Ion: 75 Resp: 1801424
 Ion Ratio Lower Upper
 75 100
 39 71.0 59.2 88.8
 77 31.0 25.0 37.6

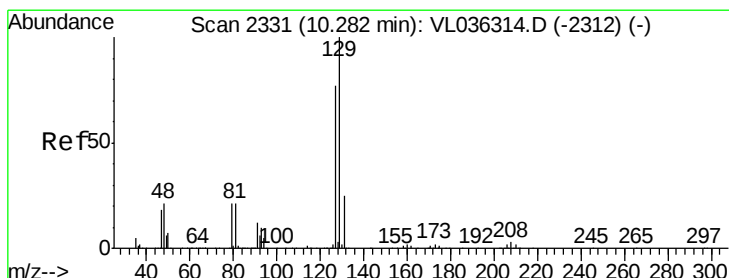
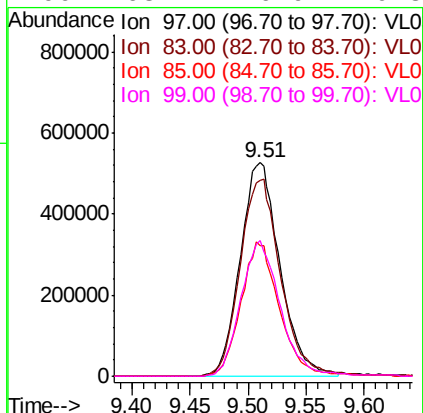
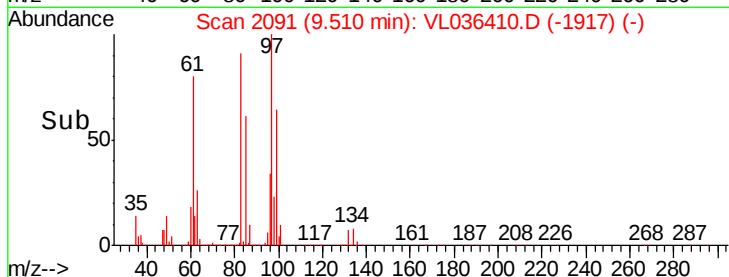
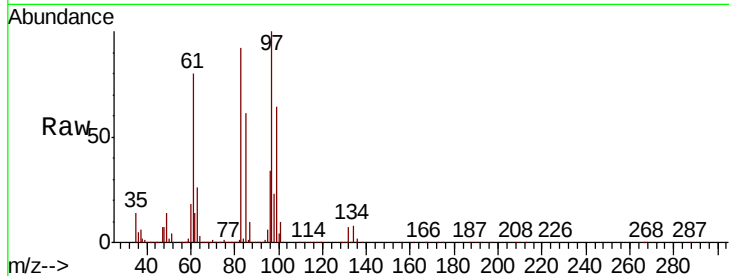




#47
 1,1,2-Trichloroethane
 Concen: 9.072 ppbv
 RT: 9.51 min Scan# 2091
 Delta R.T. 0.06 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

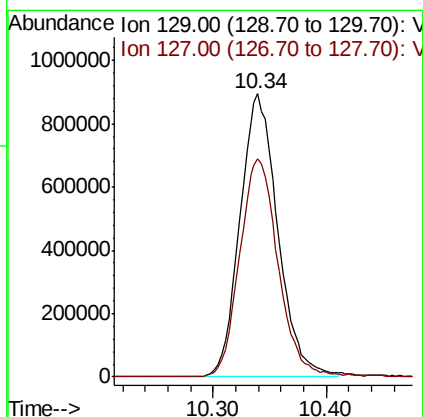
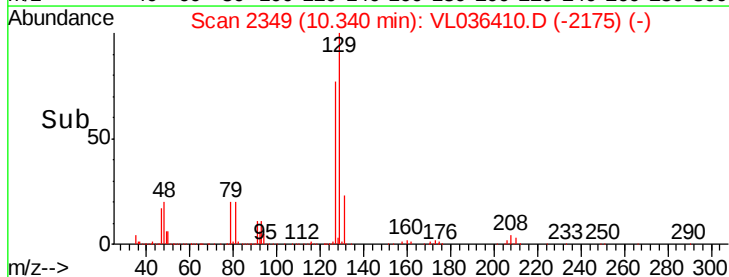
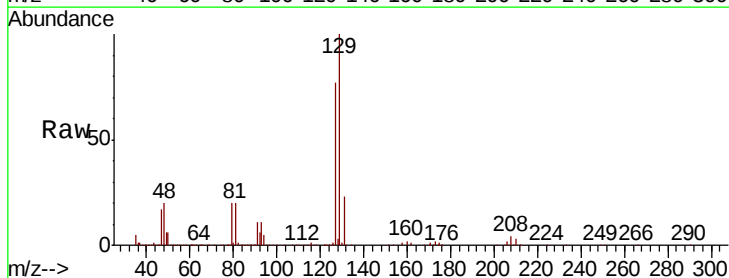
Instrument :
 MSVOA_L
 ClientSampleId :

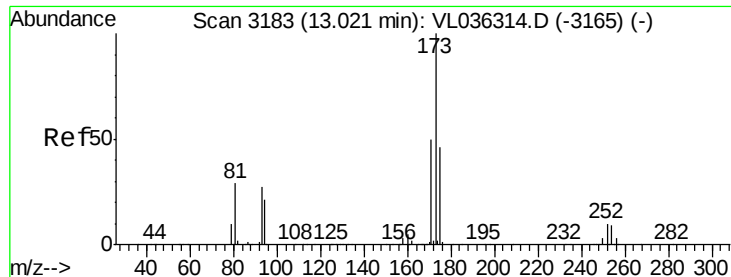
Tot Ion: 97 Resp: 1253199
 Ion Ratio Lower Upper
 97 100
 83 91.5 75.4 113.0
 85 61.1 48.9 73.3
 99 63.7 46.9 70.3



#48
 Dibromochloromethane
 Concen: 10.090 ppbv
 RT: 10.34 min Scan# 2349
 Delta R.T. 0.06 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Tgt Ion: 129 Resp: 2079794
 Ion Ratio Lower Upper
 129 100
 127 78.7 39.1 117.2





#49

Bromoform

Concen: 10.417 ppbv

RT: 13.08 min Scan# 3201

Delta R.T. 0.06 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

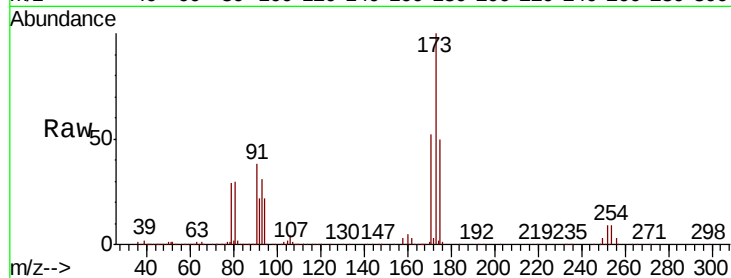
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:173 Resp: 1735798

Ion	Ratio	Lower	Upper
173	100		
175	49.9	40.2	60.2
171	53.4	43.4	65.2

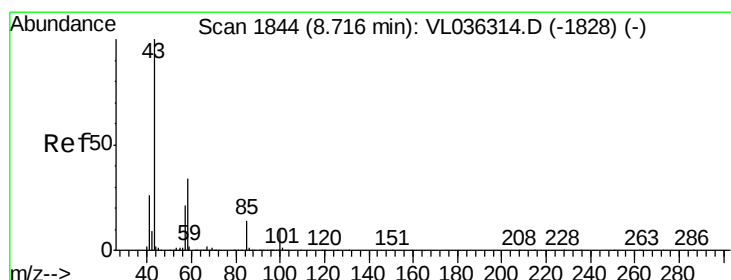
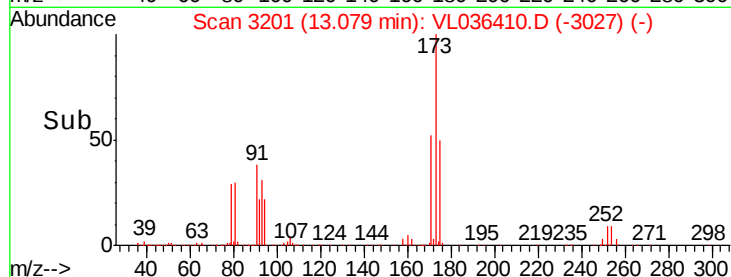
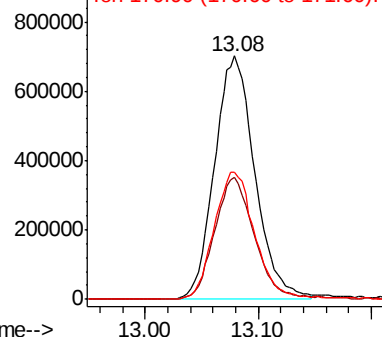


Abundance

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: 9.443 ppbv

RT: 8.77 min Scan# 1862

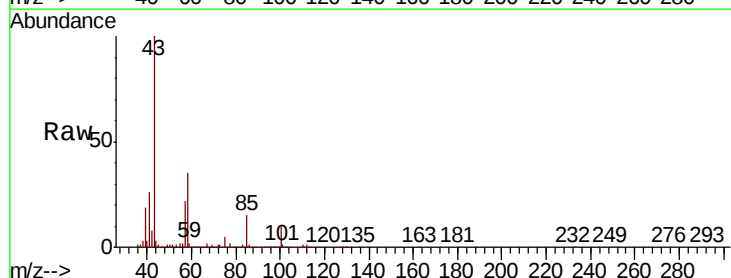
Delta R.T. 0.06 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Tgt Ion: 43 Resp: 3643435

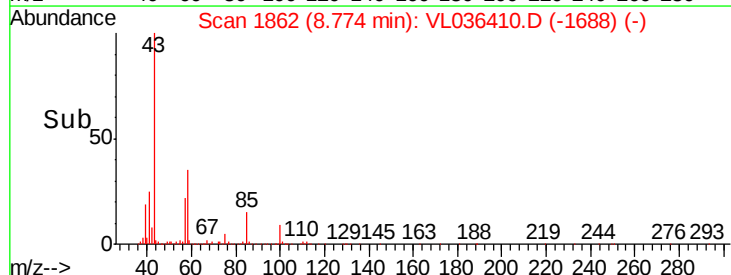
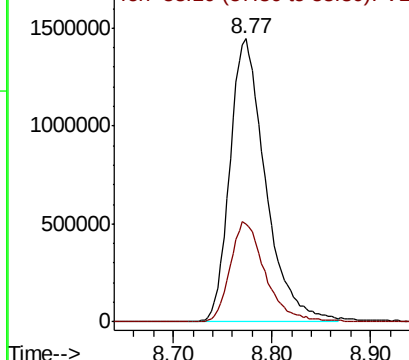
Ion	Ratio	Lower	Upper
43	100		
58	35.2	27.8	41.6

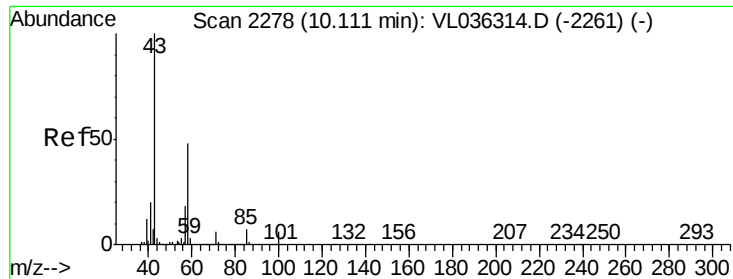


Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

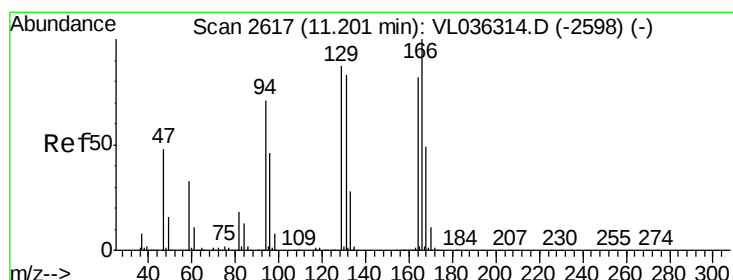
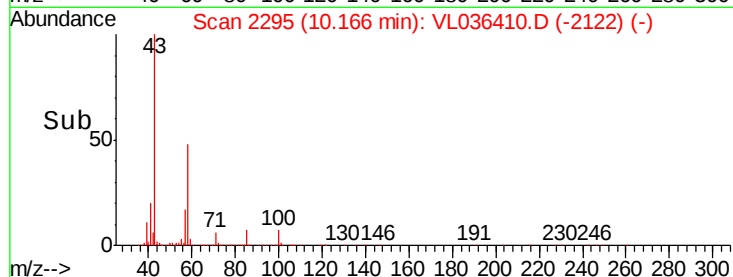
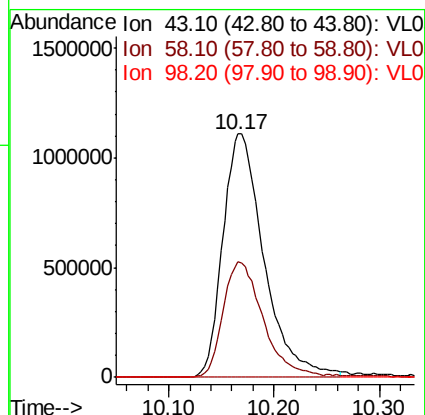
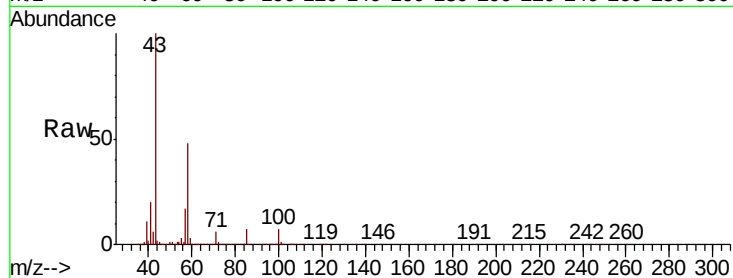




#51
2-Hexanone
Concen: 10.123 ppbv
RT: 10.17 min Scan# 2295
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

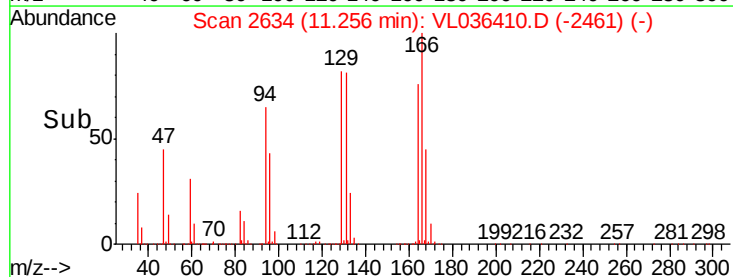
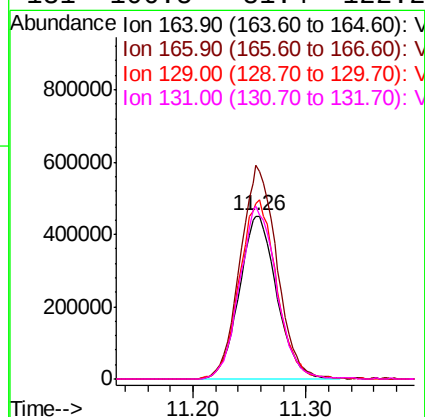
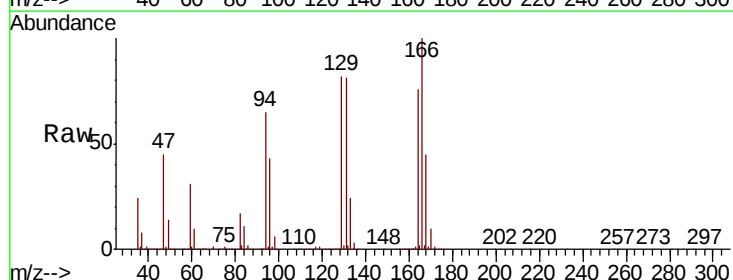
Instrument :
MSVOA_L
ClientSampled :

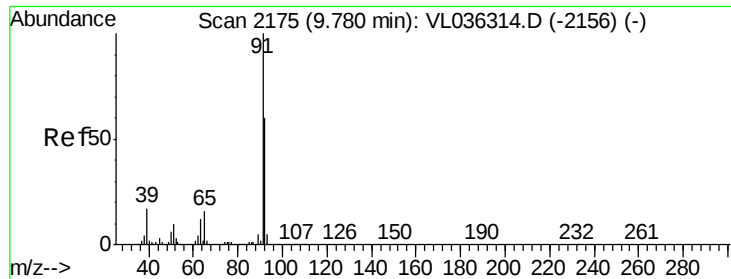
Tot Ion: 43 Resp: 2967860
Ion Ratio Lower Upper
43 100
58 48.0 38.7 58.1
98 0.5 0.4 0.6



#52
Tetrachloroethene
Concen: 8.474 ppbv
RT: 11.26 min Scan# 2634
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion: 164 Resp: 1030847
Ion Ratio Lower Upper
164 100
166 131.3 97.8 146.8
129 107.3 84.9 127.3
131 106.5 81.4 122.2





#53

Toluene

Concen: 9.783 ppbv

RT: 9.84 min Scan# 2194

Delta R.T. 0.06 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

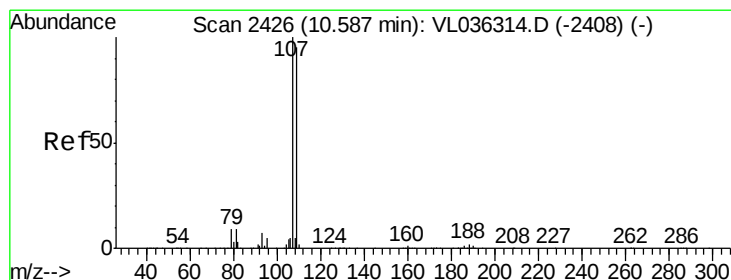
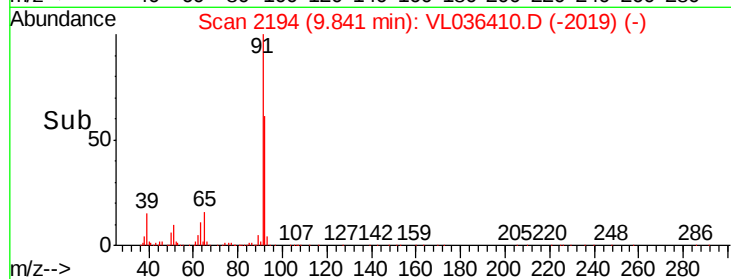
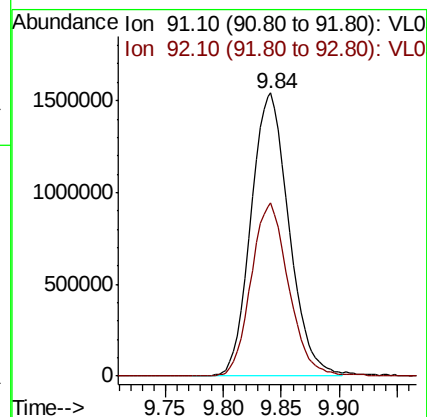
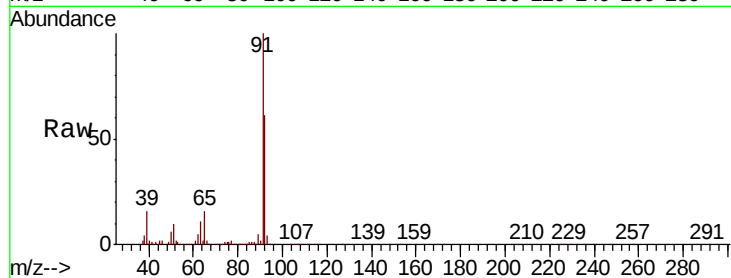
ClientSampleId :

Tot Ion: 91 Resp: 3521238

Ion Ratio Lower Upper

91 100

92 60.7 48.6 72.8



#54

1,2-Dibromoethane

Concen: 9.407 ppbv

RT: 10.65 min Scan# 2445

Delta R.T. 0.06 min

Lab File: VL036410.D

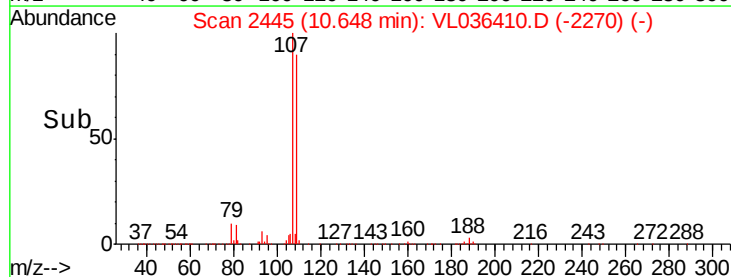
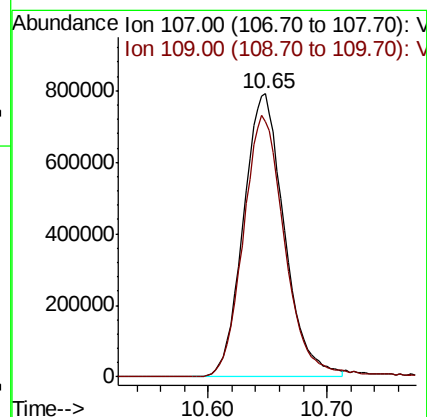
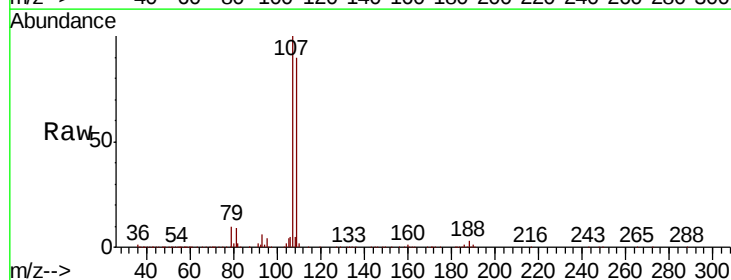
Acq: 1 Mar 2021 11:33

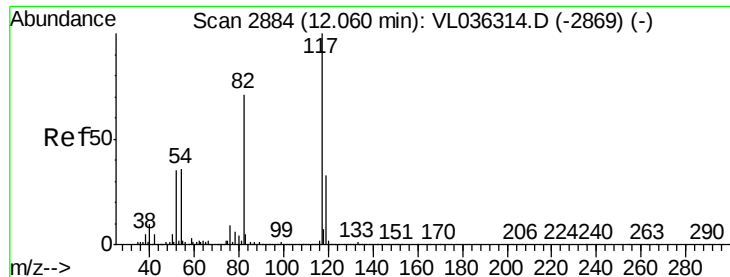
Tgt Ion: 107 Resp: 1877807

Ion Ratio Lower Upper

107 100

109 90.3 76.0 114.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2903

Delta R.T. 0.06 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

ClientSampleId :

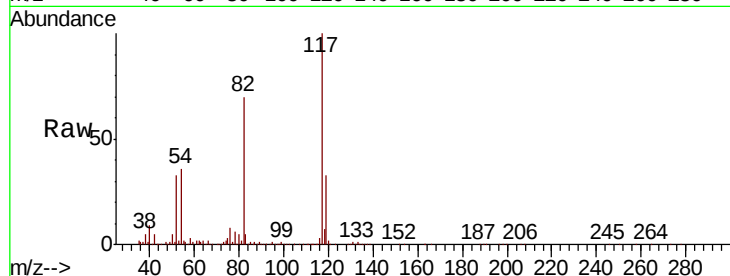
Tot Ion:117 Resp: 4421018

Ion Ratio Lower Upper

117 100

82 57.0 59.1 88.7#

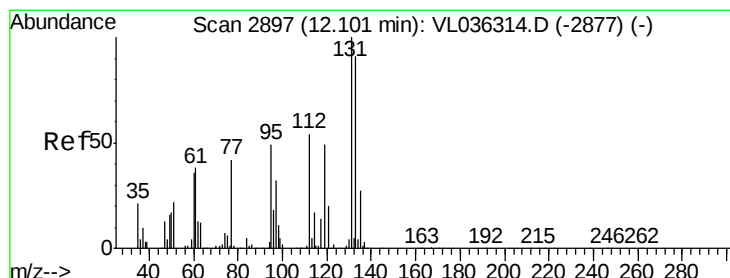
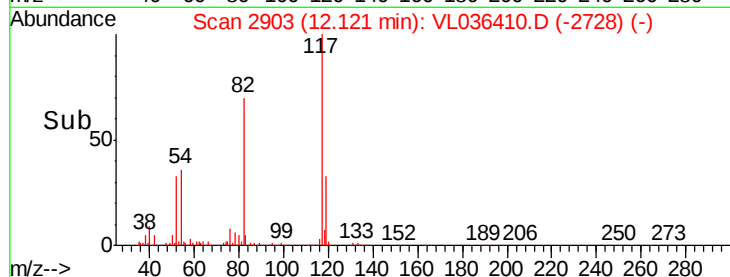
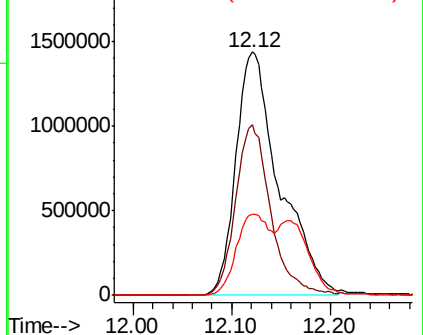
119 24.5 46.3 69.5#



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 7.581 ppbv

RT: 12.16 min Scan# 2916

Delta R.T. 0.06 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

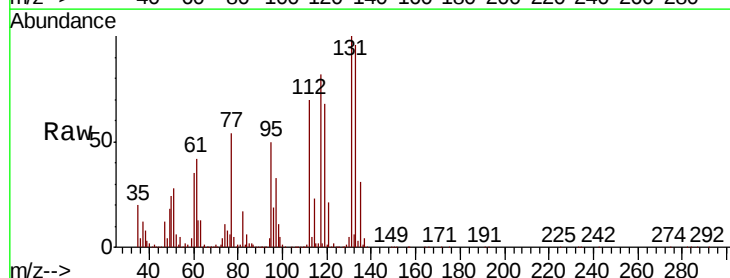
Tgt Ion:131 Resp: 1541602

Ion Ratio Lower Upper

131 100

133 96.3 76.0 114.0

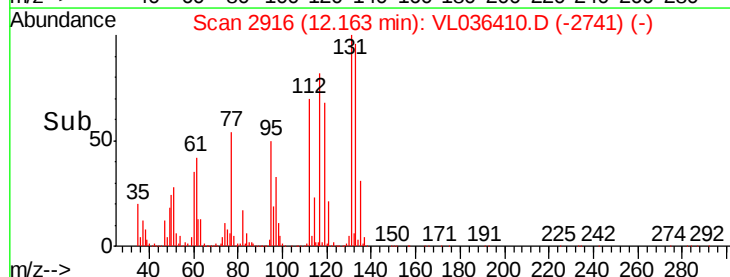
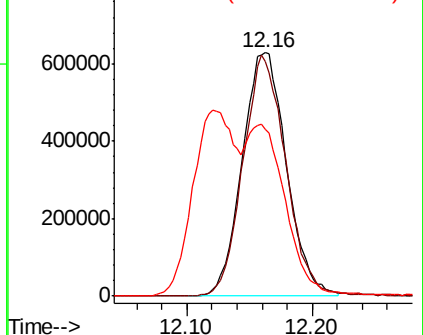
119 63.3 115.1 172.7#

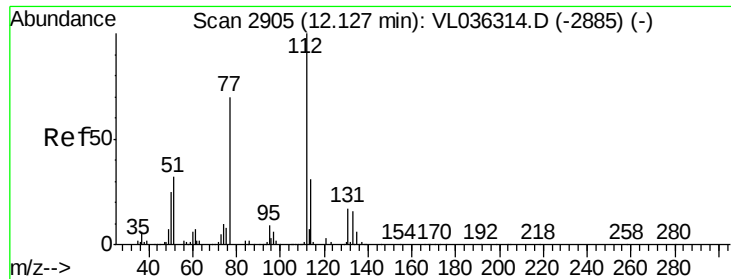


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

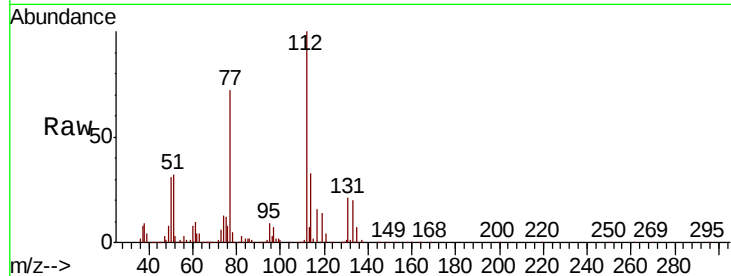




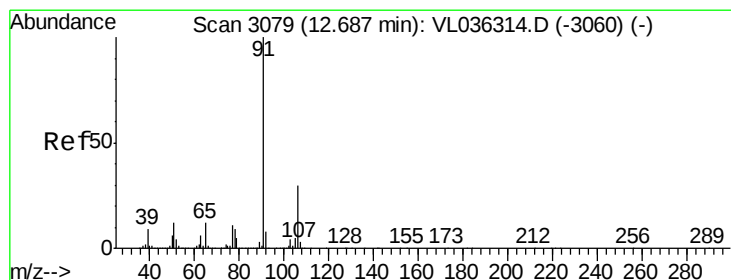
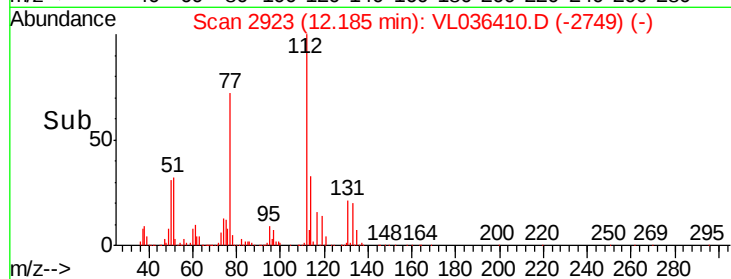
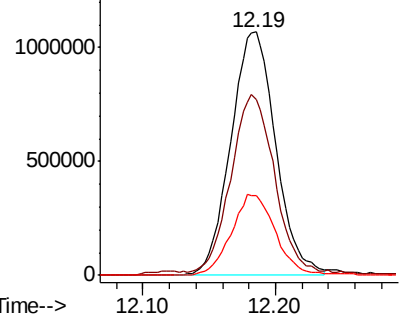
#57
Chlorobenzene
Concen: 7.364 ppbv
RT: 12.19 min Scan# 2923
Delta R.T. 0.06 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:112 Resp: 2515355
Ion Ratio Lower Upper
112 100
77 70.9 56.1 84.1
114 32.7 28.3 34.5

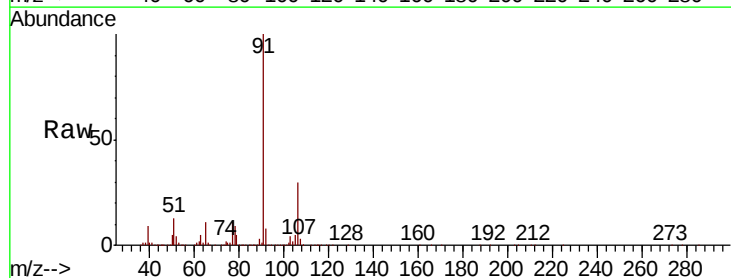


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

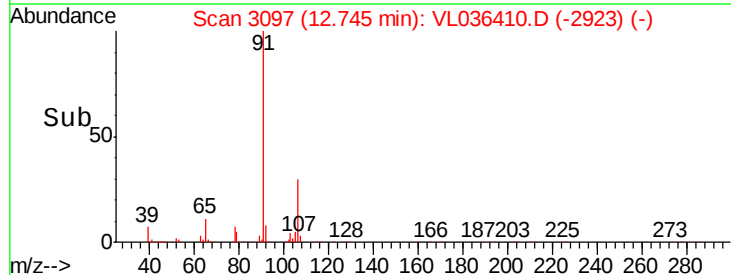
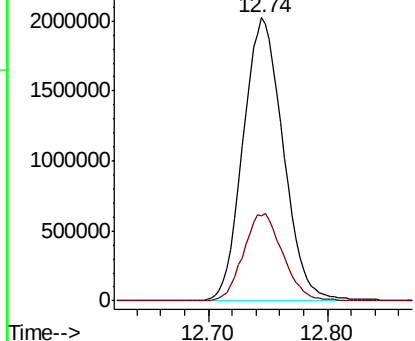


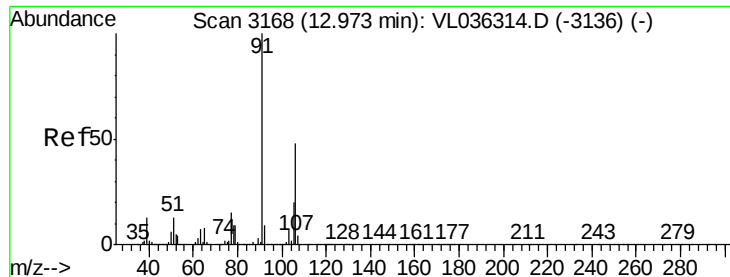
#58
Ethyl Benzene
Concen: 7.775 ppbv
RT: 12.74 min Scan# 3097
Delta R.T. 0.06 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion: 91 Resp: 4706682
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6



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





#59

m/p-Xylene

Concen: 8.891 ppbv

RT: 13.03 min Scan# 3185

Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

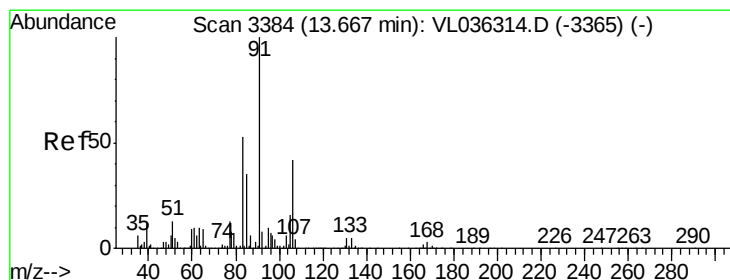
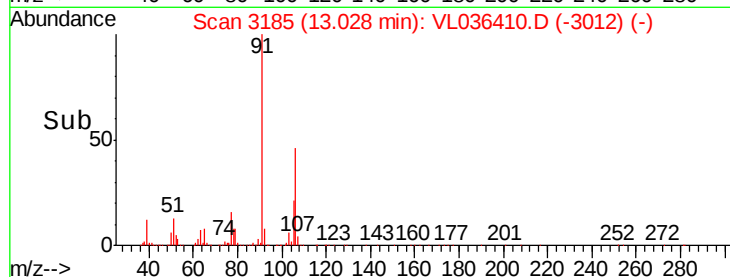
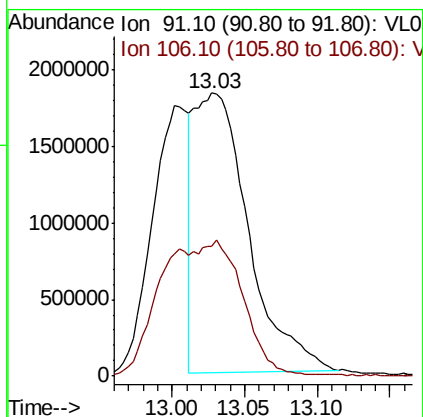
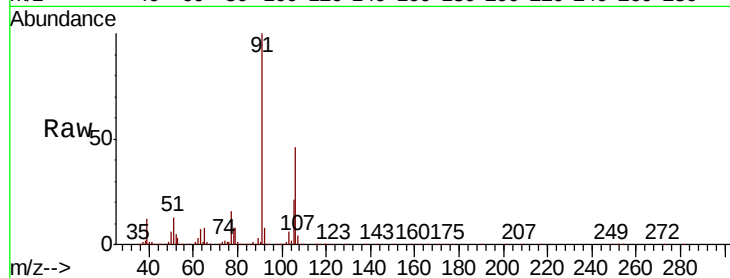
ClientSampleId :

Tot Ion: 91 Resp: 4727661

Ion Ratio Lower Upper

91 100

106 74.0 34.2 51.2#



#60

o-Xylene

Concen: 7.515 ppbv

RT: 13.73 min Scan# 3402

Delta R.T. 0.06 min

Lab File: VL036410.D

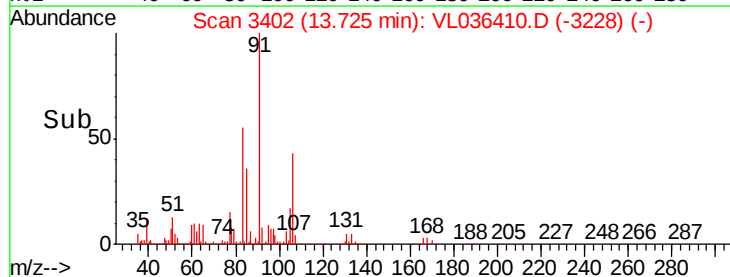
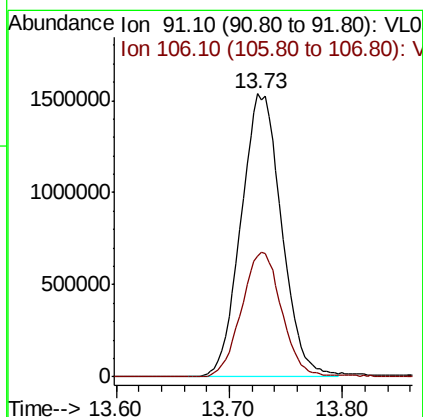
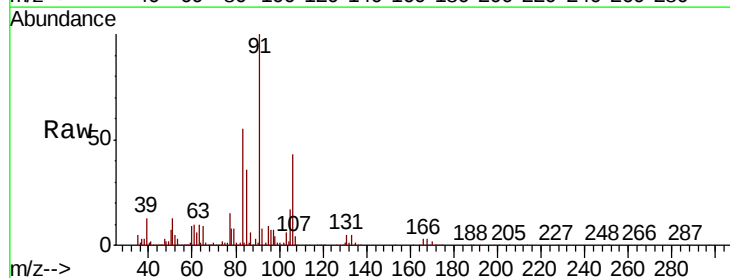
Acq: 1 Mar 2021 11:33

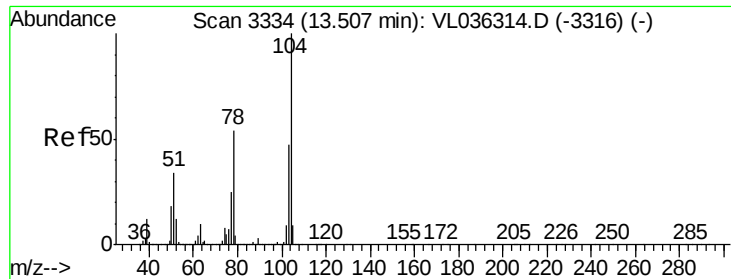
Tgt Ion: 91 Resp: 3820864

Ion Ratio Lower Upper

91 100

106 44.1 22.0 66.0

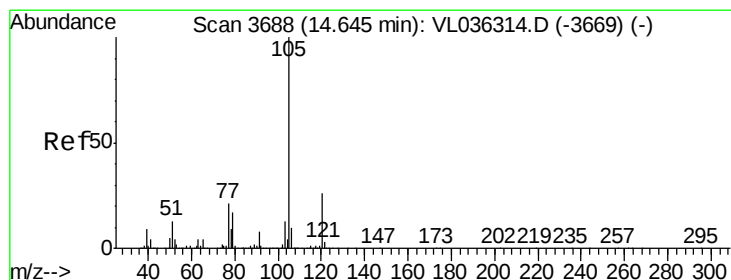
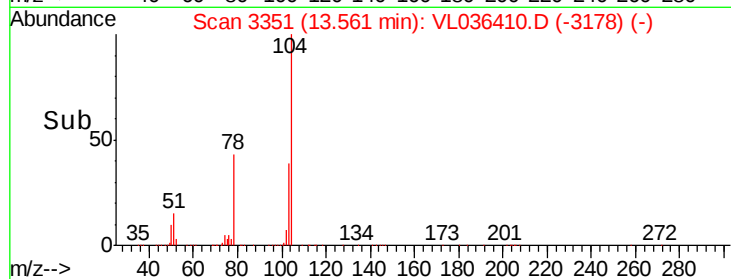
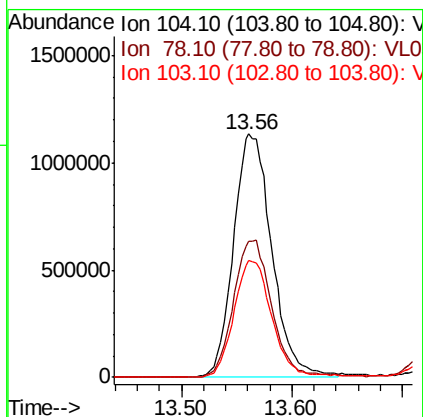
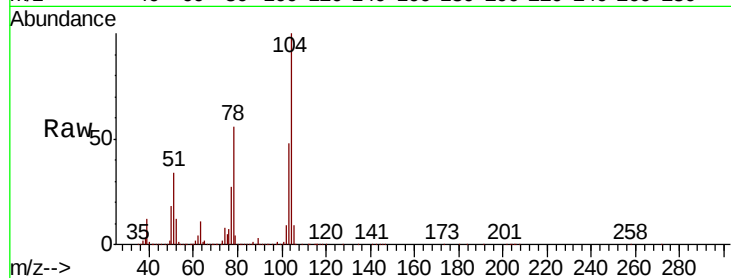




#61
Stvrene
Concen: 8.631 ppbv
RT: 13.56 min Scan# 3351
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

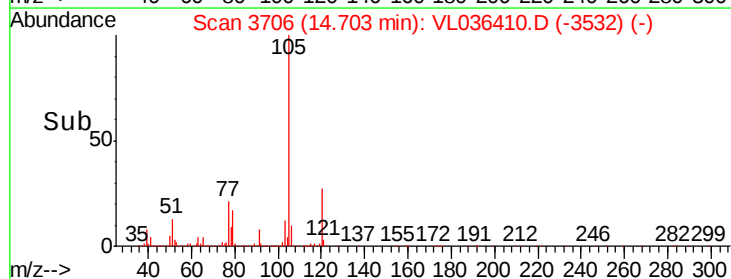
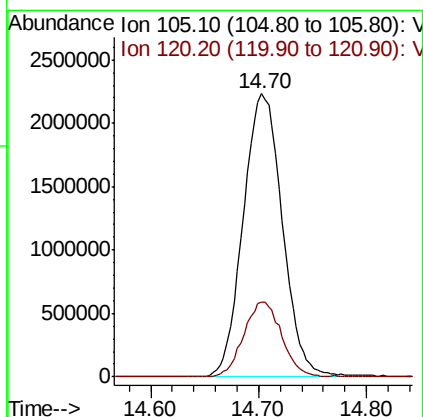
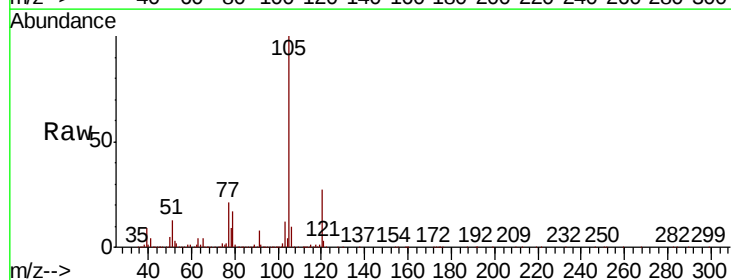
Instrument :
MSVOA_L
ClientSampled :

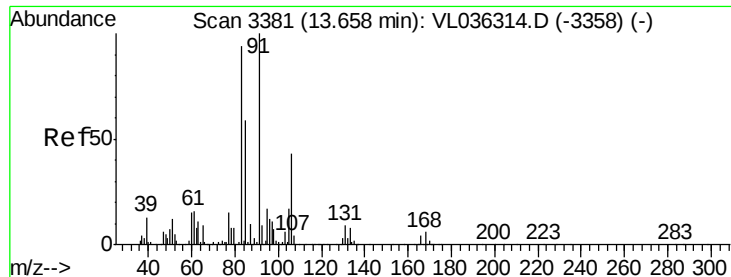
Tot Ion:104 Resp: 2719588
Ion Ratio Lower Upper
104 100
78 56.7 46.2 69.2
103 48.1 38.3 57.5



#62
Isopropylbenzene
Concen: 7.400 ppbv
RT: 14.70 min Scan# 3706
Delta R.T. 0.06 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion:105 Resp: 5639602
Ion Ratio Lower Upper
105 100
120 26.0 20.6 30.8





#63

1,1,2,2-Tetrachloroethane

Concen: 6.849 ppbv

RT: 13.71 min Scan# 3398

Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

ClientSampled :

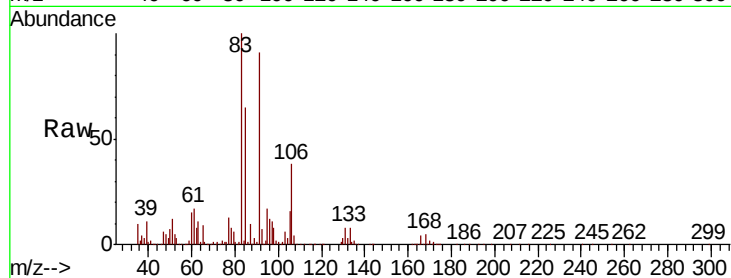
Tot Ion: 83 Resp: 2747696

Ion Ratio Lower Upper

83 100

131 9.0 4.7 14.0

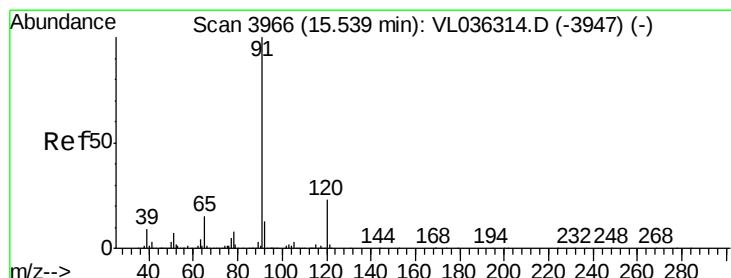
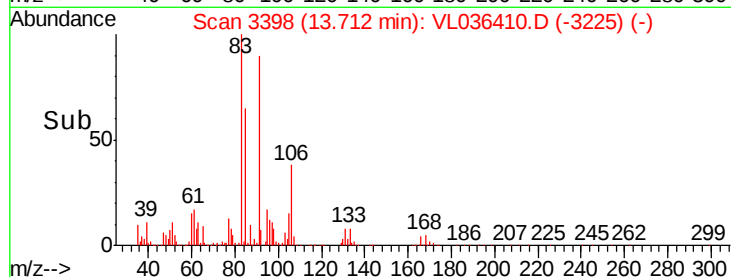
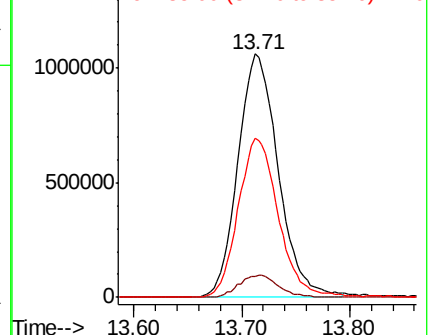
85 65.8 33.0 98.9



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 7.873 ppbv

RT: 15.60 min Scan# 3984

Delta R.T. 0.06 min

Lab File: VL036410.D

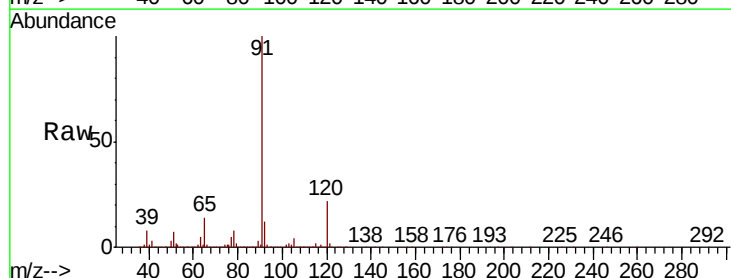
Acq: 1 Mar 2021 11:33

Tgt Ion:120 Resp: 1476600

Ion Ratio Lower Upper

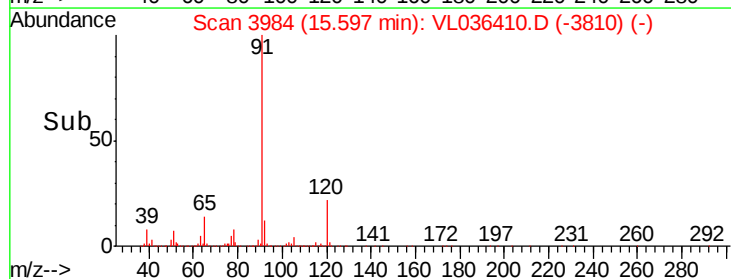
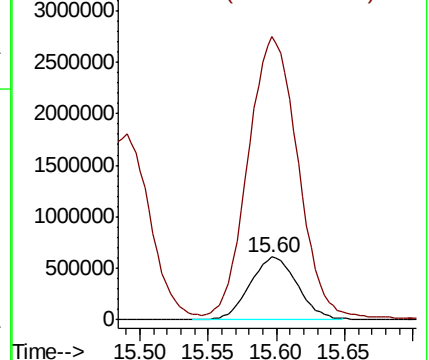
120 100

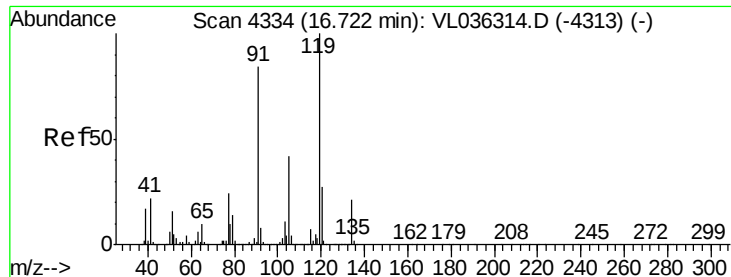
91 478.1 387.2 580.8



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

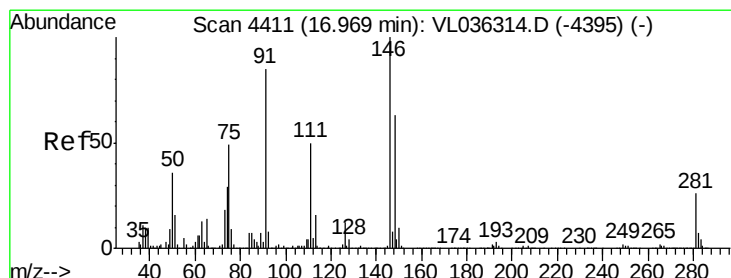
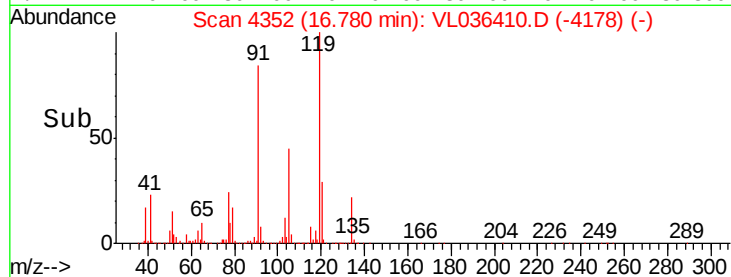
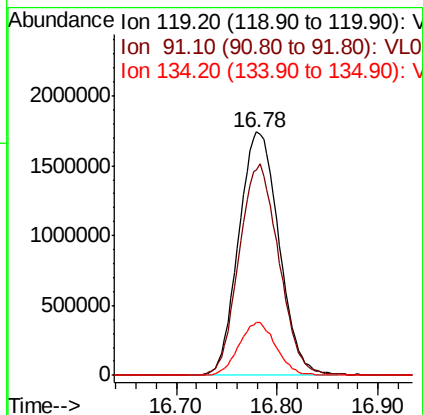
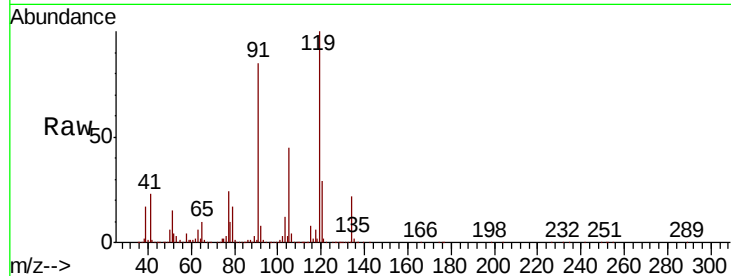




#65
tert-Butylbenzene
Concen: 7.385 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. 0.06 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

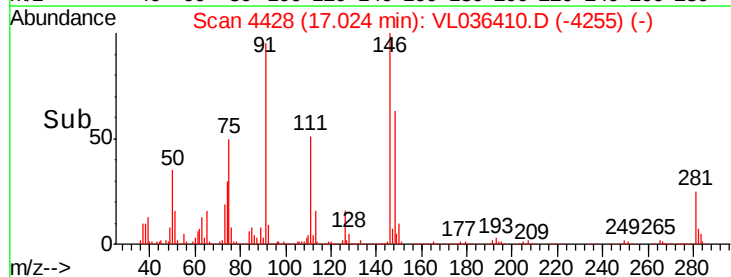
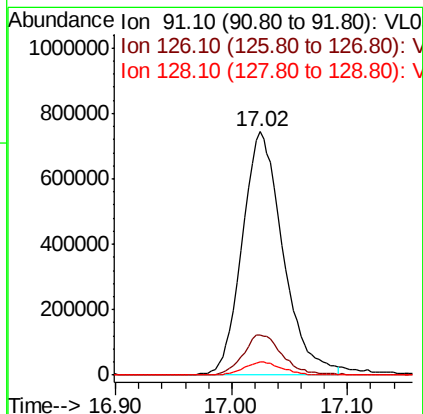
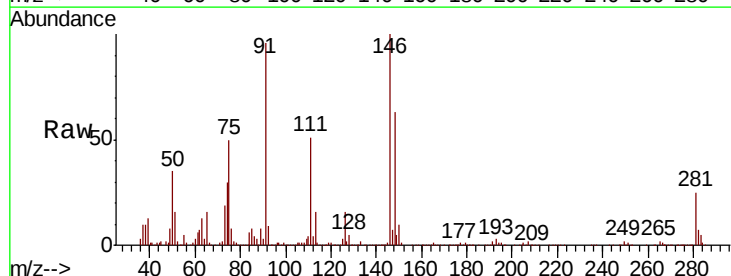
Instrument :
MSVOA_L
ClientSampleId :

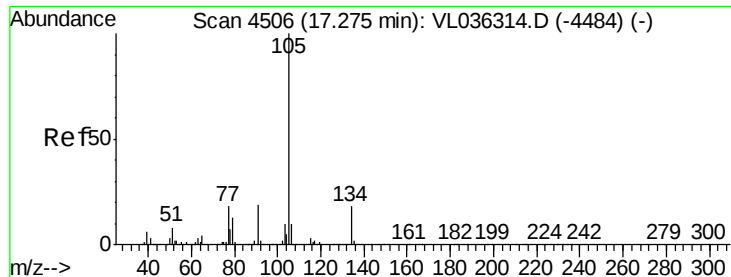
Tot Ion: 119 Resp: 4815567
Ion Ratio Lower Upper
119 100
91 86.1 70.5 105.7
134 20.0 15.8 23.8



#66
Benzyl Chloride
Concen: 10.220 ppbv
RT: 17.02 min Scan# 4428
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion: 91 Resp: 1811542
Ion Ratio Lower Upper
91 100
126 16.5 12.9 19.3
128 5.2 4.2 6.2





#67

sec-Butylbenzene

Concen: 7.330 ppbv

RT: 17.33 min Scan# 4524

Delta R.T. 0.06 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

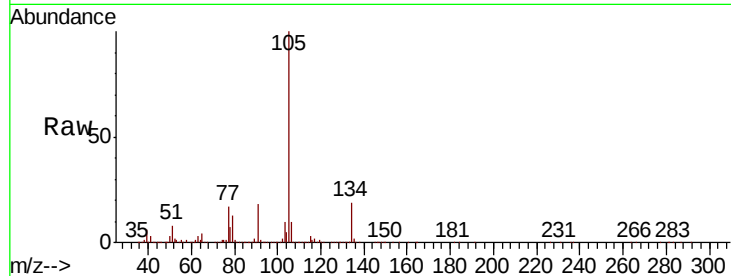
ClientSampleId :

Tot Ion: 105 Resp: 6893130

Ion Ratio Lower Upper

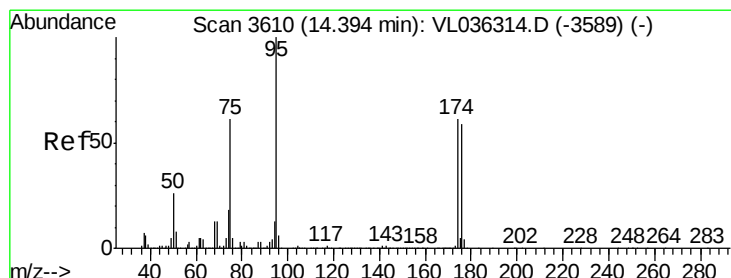
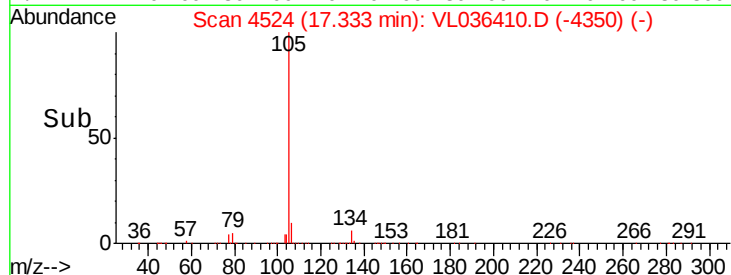
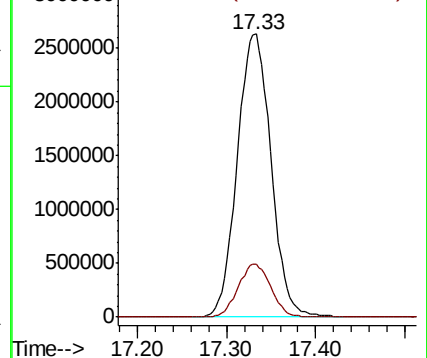
105 100

134 18.3 14.2 21.4



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: 8.079 ppbv

RT: 14.45 min Scan# 3627

Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

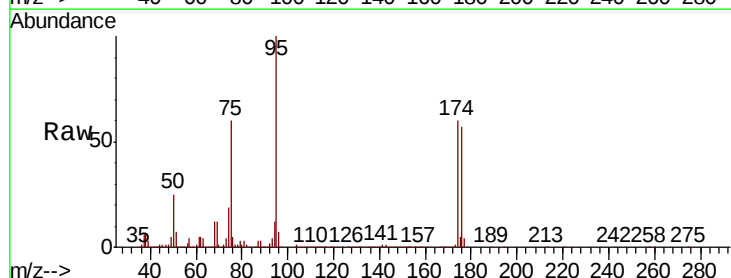
Tgt Ion: 95 Resp: 2938651

Ion Ratio Lower Upper

95 100

174 63.3 49.8 74.6

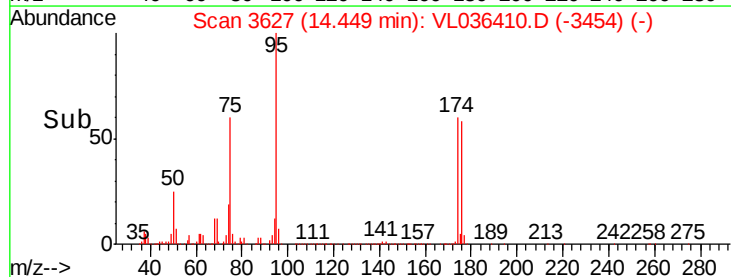
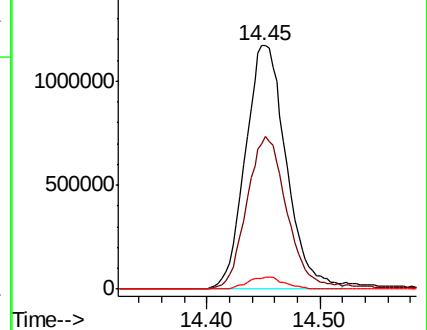
175 4.8 3.7 5.5

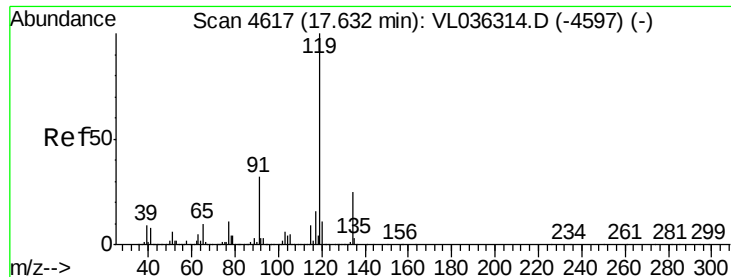


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

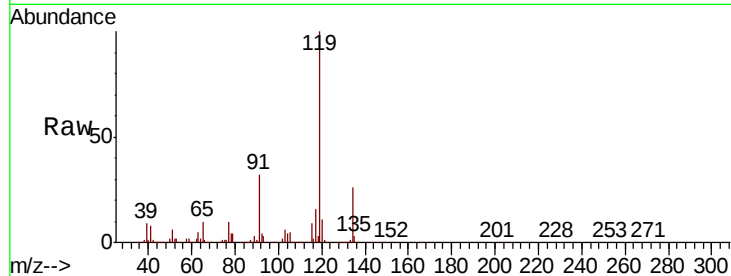




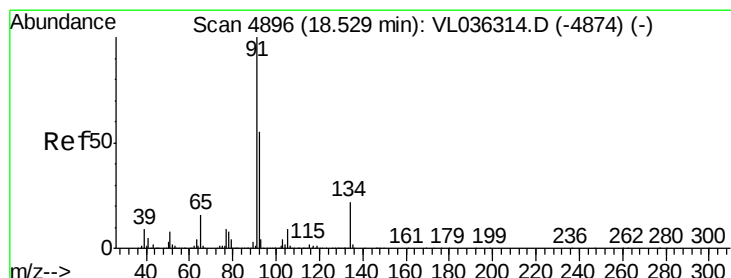
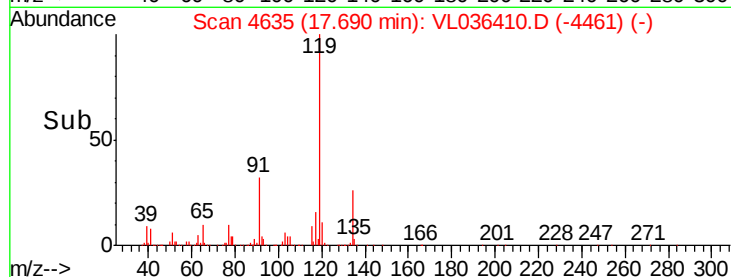
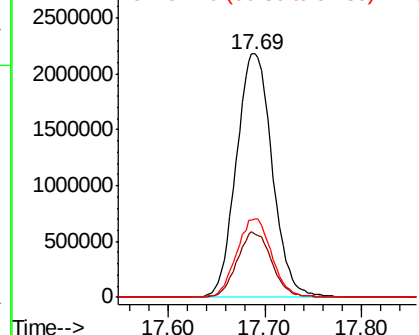
#69
 p-Isopropyltoluene
 Concen: 7.739 ppbv
 RT: 17.69 min Scan# 4635
 Delta R.T. 0.06 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion:119 Resp: 5624049
 Ion Ratio Lower Upper
 119 100
 134 26.0 20.1 30.1
 91 31.4 25.8 38.6

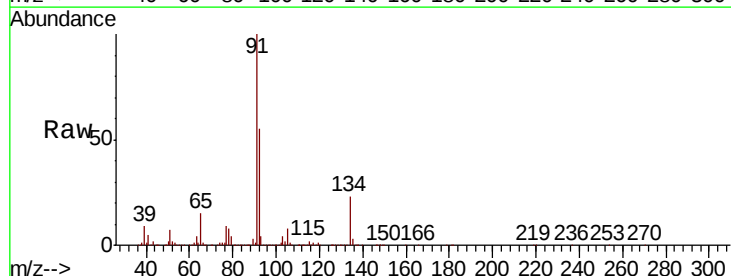


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

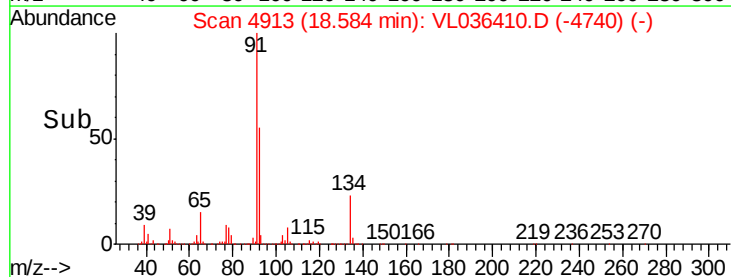
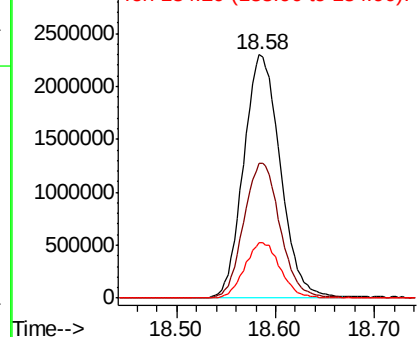


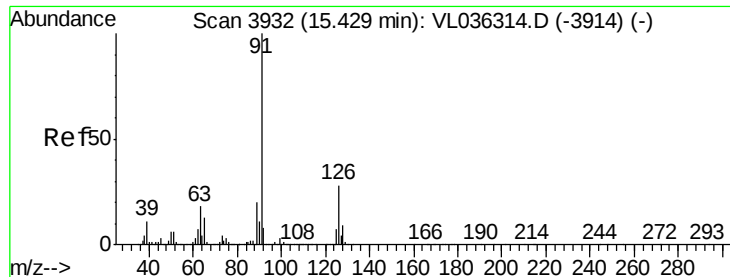
#70
 n-Butylbenzene
 Concen: 7.598 ppbv
 RT: 18.58 min Scan# 4913
 Delta R.T. 0.05 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Tgt Ion: 91 Resp: 5920906
 Ion Ratio Lower Upper
 91 100
 92 55.1 43.7 65.5
 134 22.4 17.4 26.0



Abundance Ion 91.10 (90.80 to 91.80): V
 Ion 92.10 (91.80 to 92.80): V
 Ion 134.20 (133.90 to 134.90): V

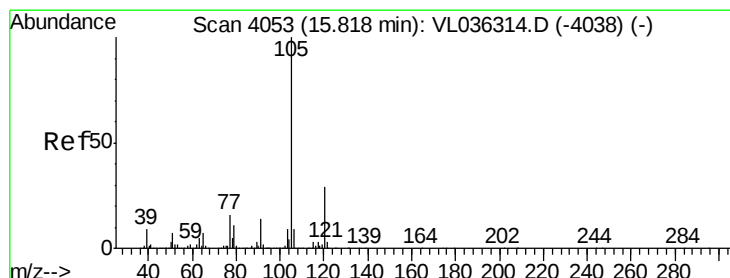
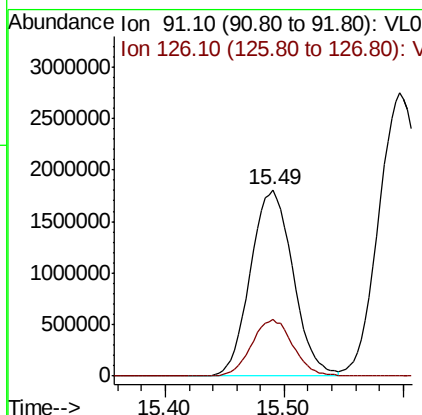
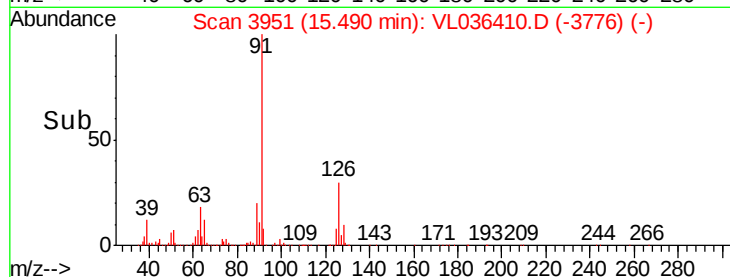
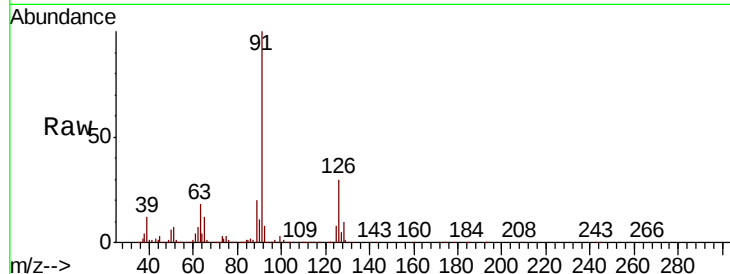




#71
 2-Chlorotoluene
 Concen: 7.664 ppbv
 RT: 15.49 min Scan# 3951
 Delta R.T. 0.06 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

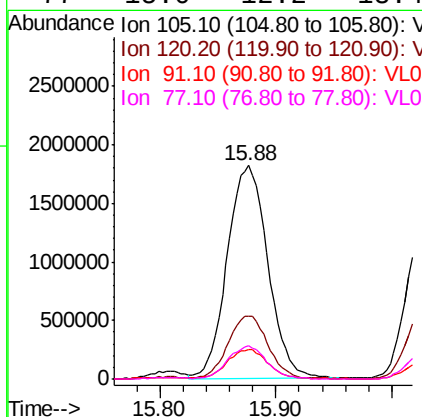
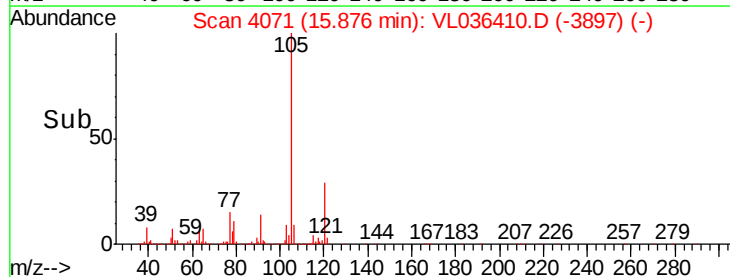
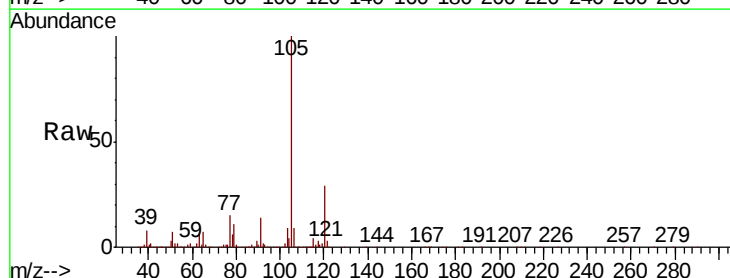
Instrument :
 MSVOA_L
 ClientSampleId :

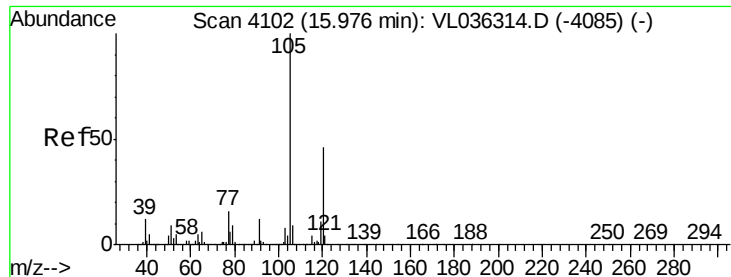
Tot Ion: 91 Resp: 4477246
 Ion Ratio Lower Upper
 91 100
 126 29.8 11.5 46.1



#72
 4-Ethyltoluene
 Concen: 7.813 ppbv
 RT: 15.88 min Scan# 4071
 Delta R.T. 0.06 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Tgt Ion: 105 Resp: 4420558
 Ion Ratio Lower Upper
 105 100
 120 29.5 23.2 34.8
 91 13.7 11.0 16.4
 77 15.0 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 7.522 ppbv

RT: 16.03 min Scan# 4119

Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

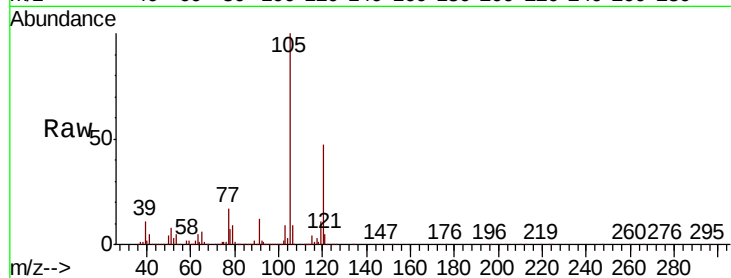
ClientSampleId :

Tot Ion:105 Resp: 4125386

Ion Ratio Lower Upper

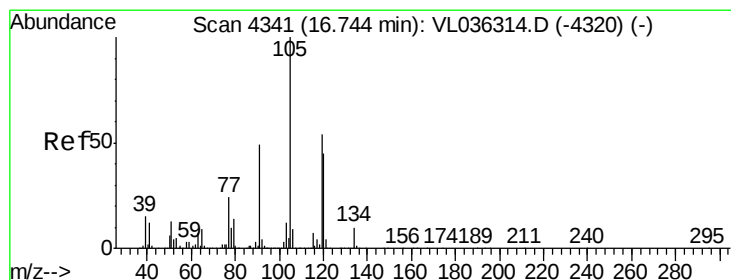
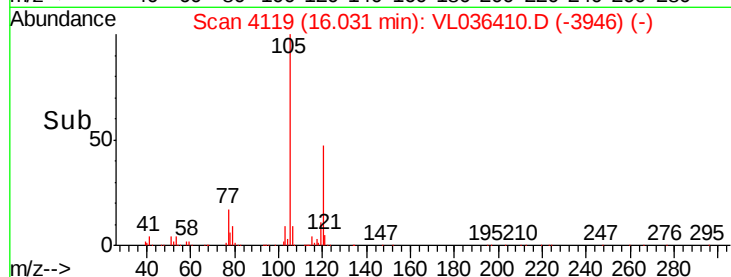
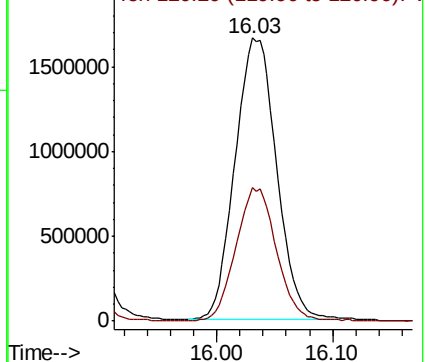
105 100

120 47.4 36.9 55.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 7.473 ppbv

RT: 16.80 min Scan# 4358

Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Tgt Ion:105 Resp: 4184510

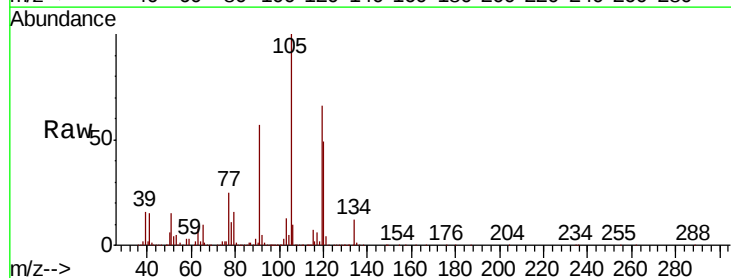
Ion Ratio Lower Upper

105 100

120 48.5 35.8 53.6

91 56.6 39.8 59.6

77 24.5 19.1 28.7

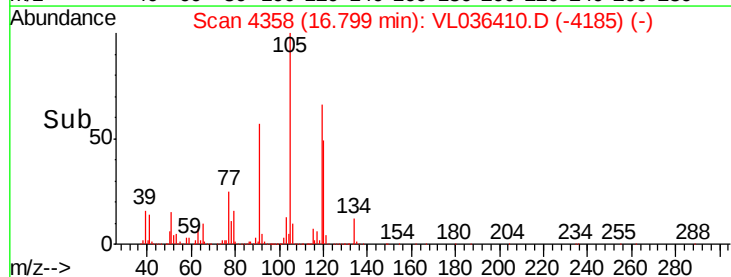
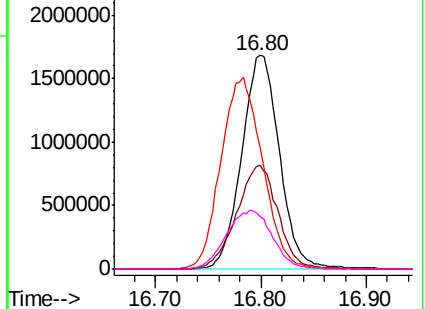


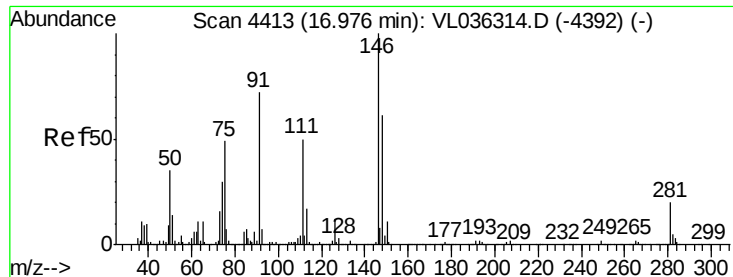
Abundance Ion 105.10 (104.80 to 105.80): V

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





#75

1,3-Dichlorobenzene

Concen: 7.541 ppbv

RT: 17.03 min Scan# 4430

Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

ClientSampleId :

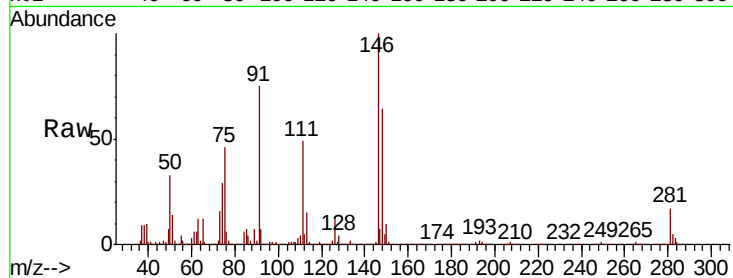
Tot Ion:146 Resp: 2291806

Ion Ratio Lower Upper

146 100

111 49.9 24.9 74.6

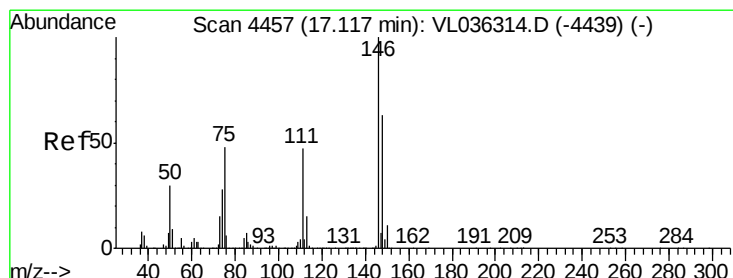
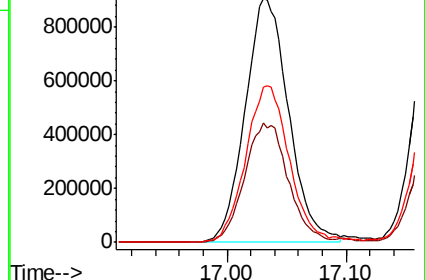
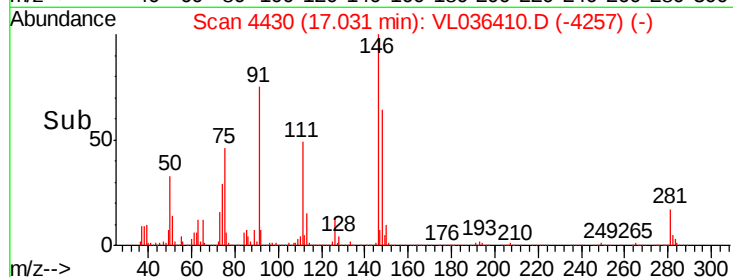
148 64.9 31.9 95.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 7.140 ppbv

RT: 17.18 min Scan# 4475

Delta R.T. 0.06 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

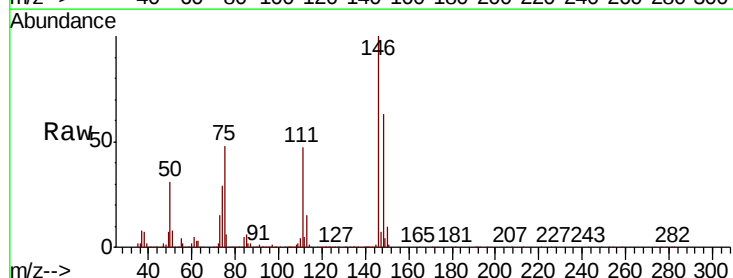
Tgt Ion:146 Resp: 2253308

Ion Ratio Lower Upper

146 100

111 49.6 23.6 71.0

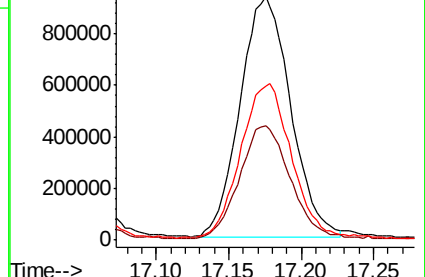
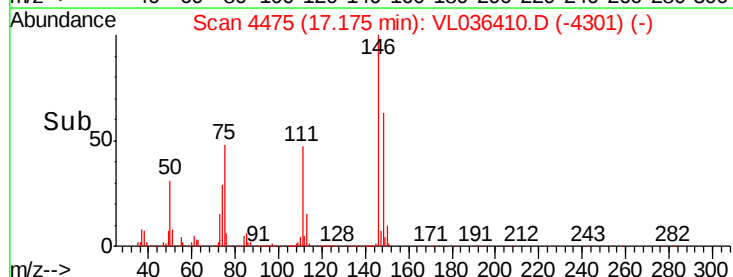
148 67.5 31.6 95.0

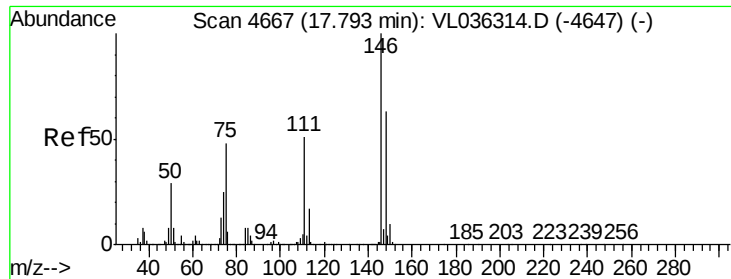


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 7.453 ppbv

RT: 17.85 min Scan# 4685

Delta R.T. 0.06 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

Instrument :

MSVOA_L

ClientSampled :

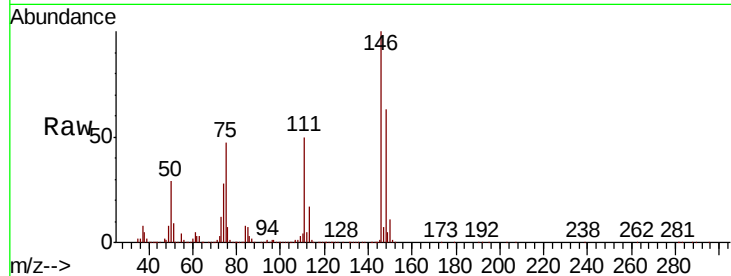
Tot Ion:146 Resp: 2246947

Ion Ratio Lower Upper

146 100

111 51.0 25.9 77.8

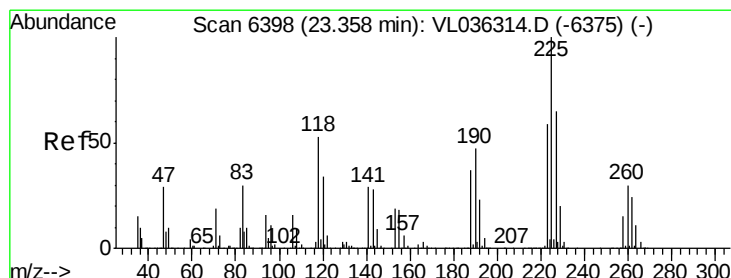
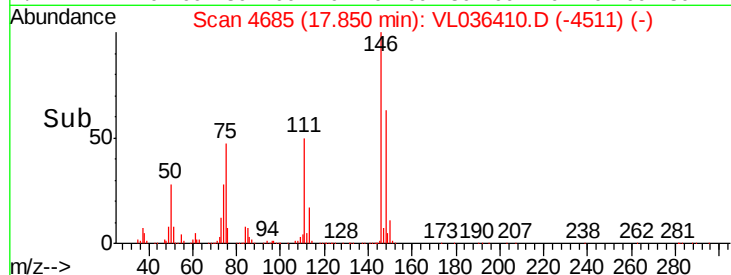
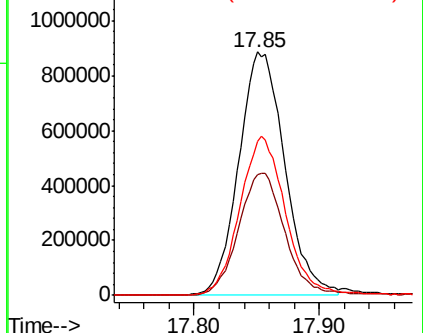
148 65.2 32.5 97.4



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: 6.422 ppbv

RT: 23.41 min Scan# 6415

Delta R.T. 0.05 min

Lab File: VL036410.D

Acq: 1 Mar 2021 11:33

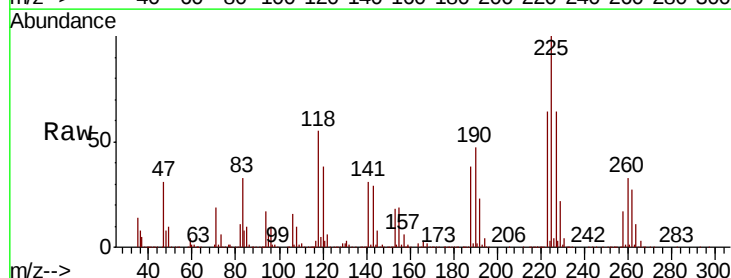
Tgt Ion:225 Resp: 1581863

Ion Ratio Lower Upper

225 100

223 63.8 50.8 76.2

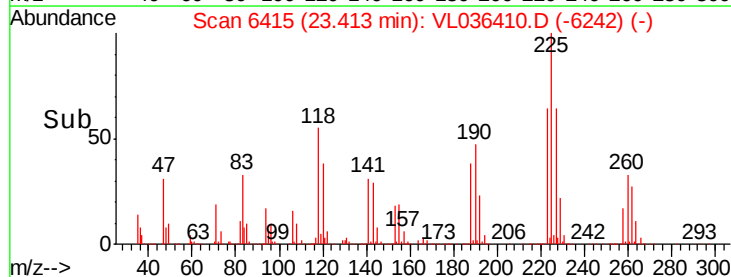
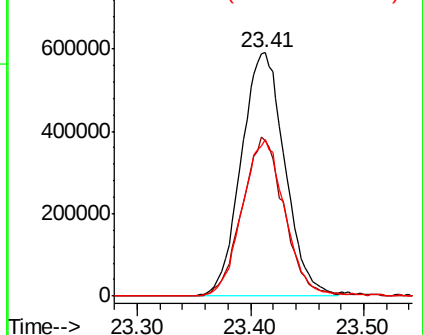
227 63.7 52.2 78.2

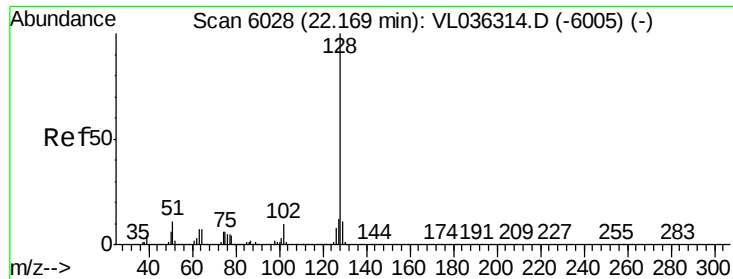


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V

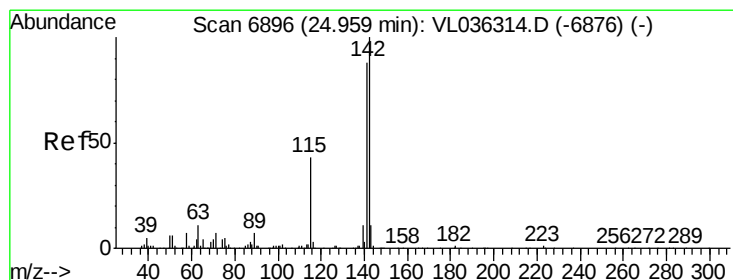
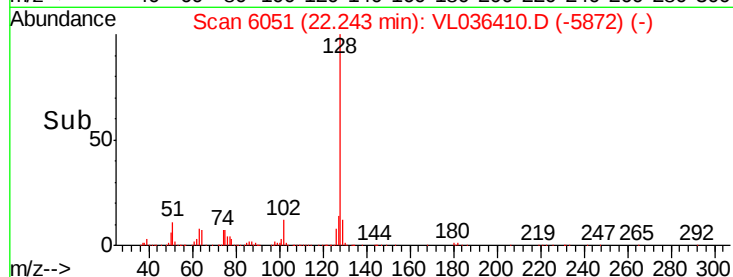
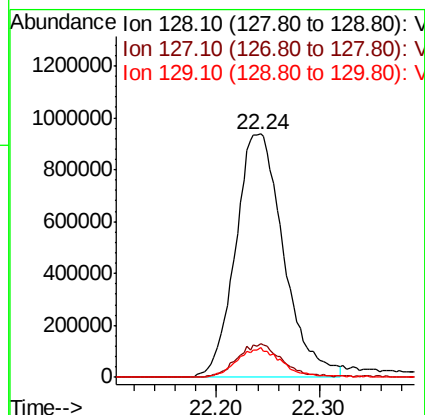
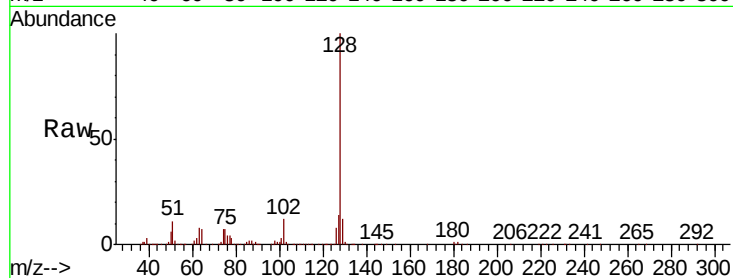




#79
Naphthalene
Concen: 9.089 ppbv
RT: 22.24 min Scan# 6051
Delta R.T. 0.07 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

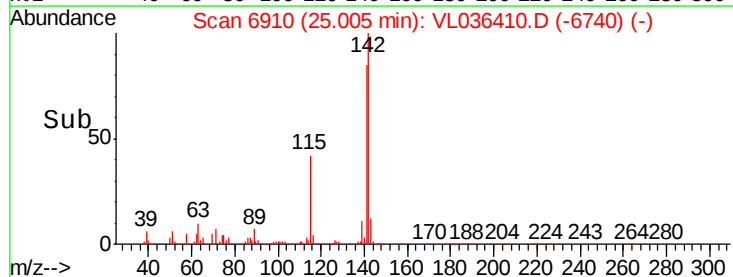
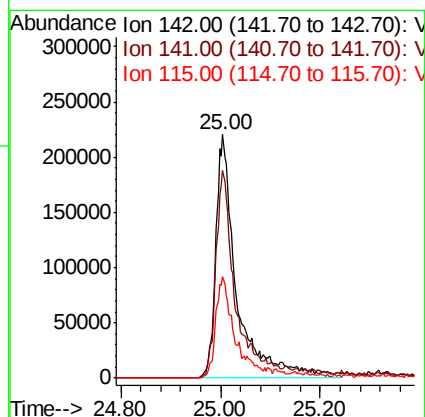
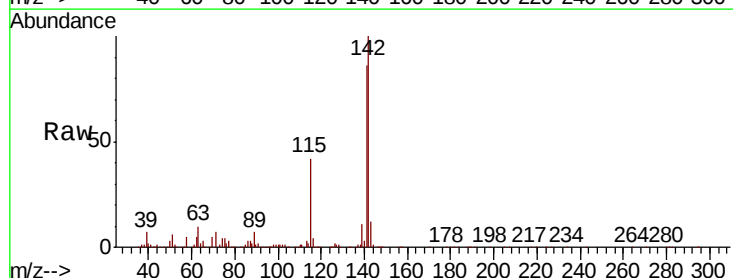
Instrument :
MSVOA_L
ClientSampleId :

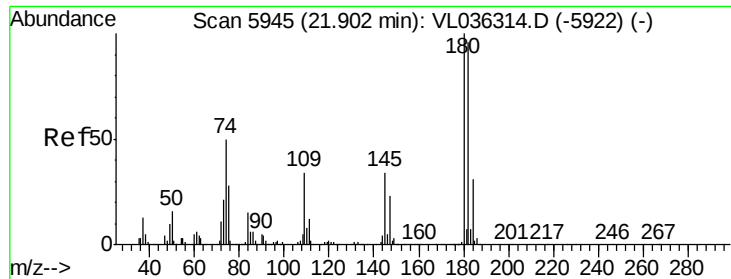
Tot Ion:128 Resp: 3016795
Ion Ratio Lower Upper
128 100
127 13.9 9.6 14.4
129 12.0 8.5 12.7



#80
Naphthalene, 2-methyl-
Concen: 10.649 ppbv
RT: 25.00 min Scan# 6910
Delta R.T. 0.05 min
Lab File: VL036410.D
Acq: 1 Mar 2021 11:33

Tgt Ion:142 Resp: 654455
Ion Ratio Lower Upper
142 100
141 85.9 64.4 96.6
115 42.4 34.6 51.8

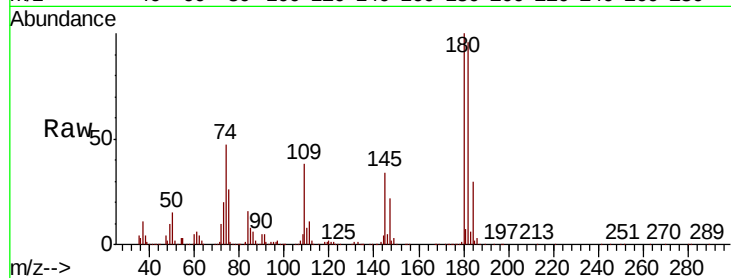




#81
 1,2,4-Trichlorobenzene
 Concen: 7.897 ppbv
 RT: 21.97 min Scan# 5966
 Delta R.T. 0.07 min
 Lab File: VL036410.D
 Acq: 1 Mar 2021 11:33

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 1599162
 Ion Ratio Lower Upper
 180 100
 182 100.4 80.2 120.4
 184 31.2 25.0 37.6



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

