

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012821\
 Data File : VL036272.D
 Acq On : 28 Jan 2021 13:30
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 29 02:24:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1464373	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3281704	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3883572	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2651645	8.25	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	1662818	8.471	ppbv	100
3) Chlorodifluoromethane	2.98	51	1781211	9.904	ppbv	98
4) Chloromethane	3.13	50	853321	9.600	ppbv	98
5) Vinyl Chloride	3.25	62	821283	9.764	ppbv	97
6) Bromomethane	3.47	94	467349	9.939	ppbv	97
7) Chloroethane	3.55	64	298433	10.303	ppbv	96
8) Dichlorotetrafluoroethane	3.18	85	1916376	10.077	ppbv	99
9) Propene	3.00	41	809254	9.449	ppbv	98
10) Heptane	8.12	43	2089964	9.831	ppbv	99
11) Trichlorofluoromethane	3.95	101	2057059	10.308	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1296002	10.712	ppbv	98
13) Ethanol	3.60	45	144845	10.771	ppbv	97
14) Bromoethene	3.74	108	554477	10.065	ppbv	100
15) Acetone	3.85	43	1676374	9.347	ppbv	96
16) 1,3-Butadiene	3.32	39	877924	10.048	ppbv	98
17) tert-Butyl alcohol	4.29	59	1681366	11.361	ppbv	100
18) 1,1-Dichloroethene	4.28	96	576383	10.276	ppbv	94
19) Isopropyl Alcohol	3.97	45	1155941	10.691	ppbv	99
20) Methylene Chloride	4.34	84	498718	8.713	ppbv	98
21) Allyl Chloride	4.41	41	1025717	10.507	ppbv	95
22) trans-1,2-Dichloroethene	4.88	96	564578	10.894	ppbv	99
23) Vinyl Acetate	5.07	43	2327698	10.711	ppbv #	98
24) 1,1-Dichloroethane	5.01	63	1613722	10.251	ppbv	98
25) Ethyl Acetate	5.68	43	3520588	9.778	ppbv	100
26) Hexane	5.68	57	1409396	9.402	ppbv	99
27) Carbon Disulfide	4.55	76	1484027	12.380	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	2037792	10.052	ppbv	97
29) Chloroform	5.75	83	2181136	10.162	ppbv	96
30) Cyclohexane	7.13	84	1190449	10.392	ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1485880	10.370	ppbv	93
32) 1,1,1-Trichloroethane	6.51	97	2201326	10.604	ppbv	99
34) 2-Butanone	5.24	43	2214250	9.162	ppbv	98
35) Carbon Tetrachloride	7.01	117	2226446	10.738	ppbv	98
36) Benzene	6.89	78	2893409	9.622	ppbv	98
37) 1,2-Dichloroethane	6.30	62	1820669	10.062	ppbv	99
38) Trichloroethene	7.83	130	982162	8.819	ppbv	95
39) 1,2-Dichloropropane	7.61	63	1202377	9.848	ppbv	99
40) 1,4-Dioxane	7.83	88	370615	8.392	ppbv #	1
41) Tetrahydrofuran	6.05	42	1347200	9.646	ppbv	98
42) Bromodichloromethane	7.79	83	2439171	10.725	ppbv	100
43) Methyl Methacrylate	8.01	69	1318293	10.316	ppbv	98

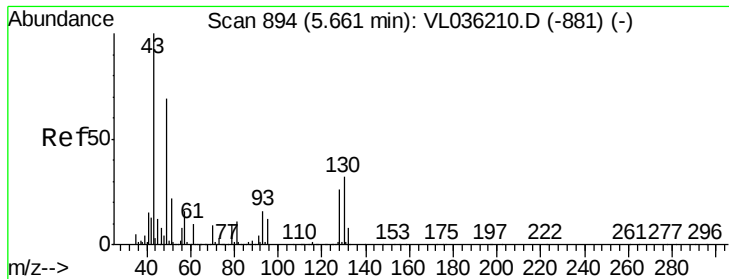
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012821\
 Data File : VL036272.D
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5008320	9.068	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1447143	11.923	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1758211	11.273	ppbv	98
47) 1,1,2-Trichloroethane	9.48	97	1176432	10.072	ppbv	95
48) Dibromochloromethane	10.31	129	1909125	11.172	ppbv	98
49) Bromoform	13.05	173	1602239	11.233	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	3502807	9.721	ppbv	100
51) 2-Hexanone	10.14	43	2879920	10.131	ppbv	99
52) Tetrachloroethene	11.22	164	964424	8.704	ppbv	99
53) Toluene	9.81	91	3309199	9.838	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1732388	10.006	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.13	131	1401886	8.089	ppbv #	93
57) Chlorobenzene	12.15	112	2319378	7.612	ppbv	98
58) Ethyl Benzene	12.72	91	4482351	7.778	ppbv	99
59) m/p-Xylene	13.00	91	4105447	8.291	ppbv #	45
60) o-Xylene	13.69	91	3497024	7.326	ppbv	100
61) Styrene	13.53	104	2497856	8.287	ppbv	99
62) Isopropylbenzene	14.67	105	5274072	7.432	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	2484468	6.990	ppbv	99
64) n-propylbenzene	15.56	120	1352777	7.758	ppbv	100
65) tert-Butylbenzene	16.75	119	4455692	7.409	ppbv	100
66) Benzyl Chloride	17.00	91	1672381	10.885	ppbv	99
67) sec-Butylbenzene	17.30	105	6483774	7.263	ppbv	100
69) p-Isopropyltoluene	17.66	119	5251024	7.417	ppbv	100
70) n-Butylbenzene	18.55	91	5654613	7.496	ppbv	99
71) 2-Chlorotoluene	15.46	91	4158591	7.455	ppbv	100
72) 4-Ethyltoluene	15.84	105	4029864	7.481	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	3894248	7.584	ppbv	98
74) 1,2,4-Trimethylbenzene	16.77	105	3957404	7.514	ppbv	97
75) 1,3-Dichlorobenzene	17.00	146	2102778	7.444	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	2107517	7.552	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	2081229	7.543	ppbv	100
78) Hexachloro-1,3-Butadiene	23.38	225	1530451	6.935	ppbv	99
79) Naphthalene	22.21	128	2962122	9.621	ppbv	98
80) Naphthalene, 2-methyl-	24.98	142	1095072	16.670	ppbv	94
81) 1,2,4-Trichlorobenzene	21.94	180	1508281	8.391	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.01 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

ClientSampleId :

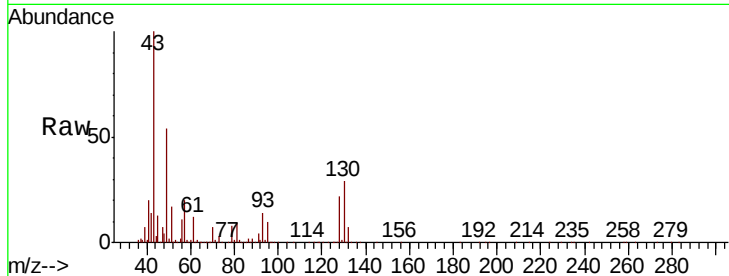
Tot Ion: 49 Resp: 1464373

Ion Ratio Lower Upper

49 100

128 41.6 20.1 60.2

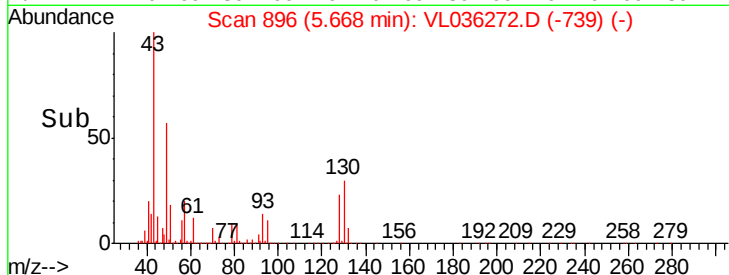
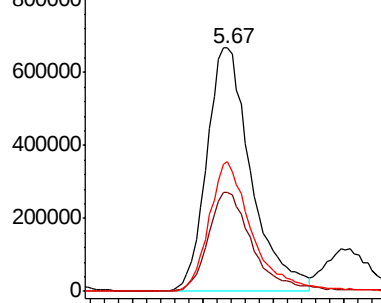
130 52.3 25.3 75.9



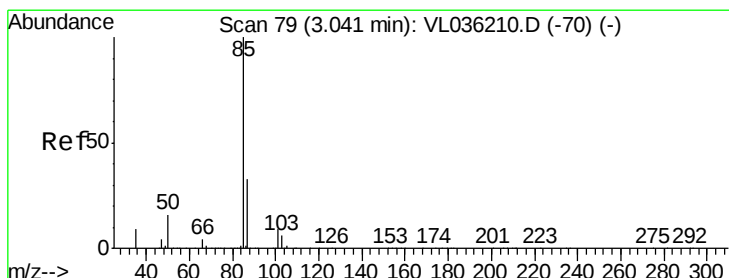
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#2

Dichlorodifluoromethane

Concen: 8.471 ppbv

RT: 3.04 min Scan# 80

Delta R.T. 0.00 min

Lab File: VL036272.D

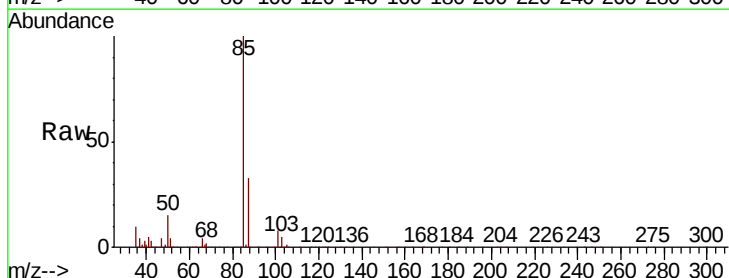
Acq: 28 Jan 2021 13:30

Tgt Ion: 85 Resp: 1662818

Ion Ratio Lower Upper

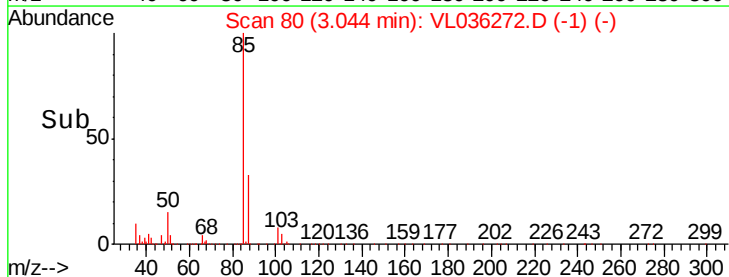
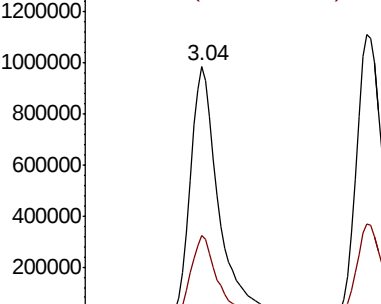
85 100

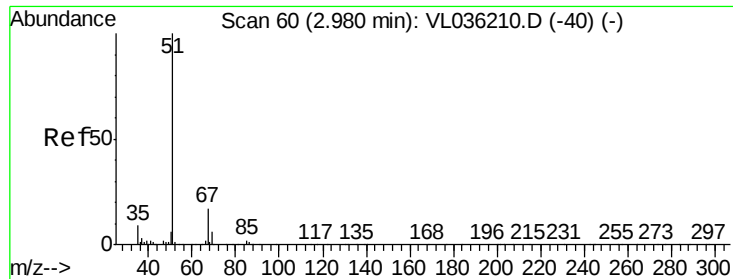
87 32.9 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

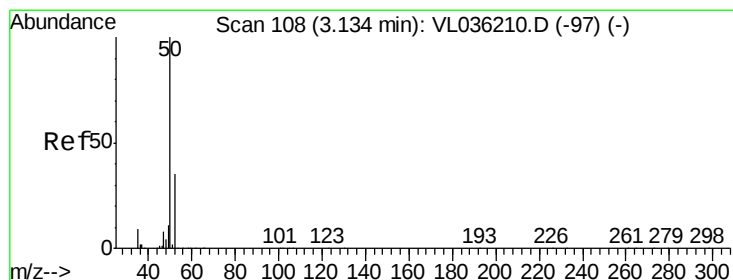
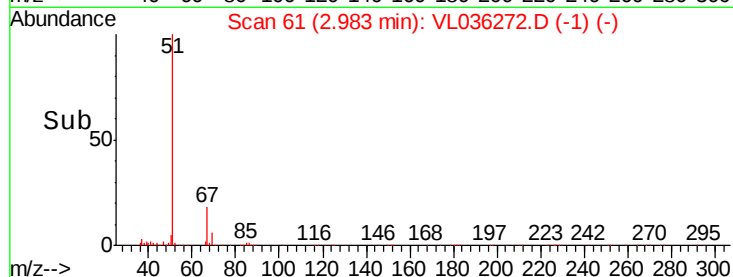
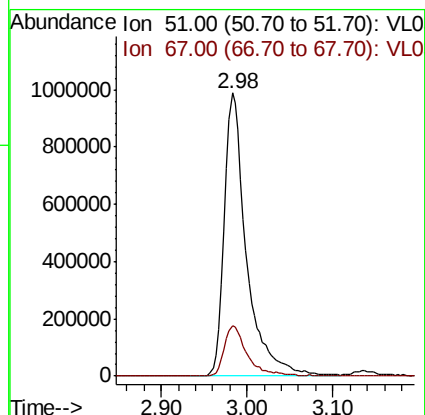
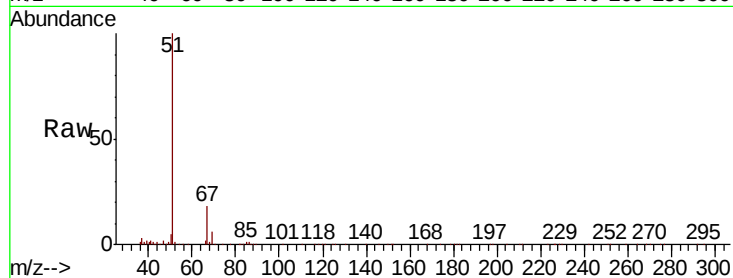




#3
 Chlorodifluoromethane
 Concen: 9.904 ppbv
 RT: 2.98 min Scan# 61
 Delta R.T. 0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

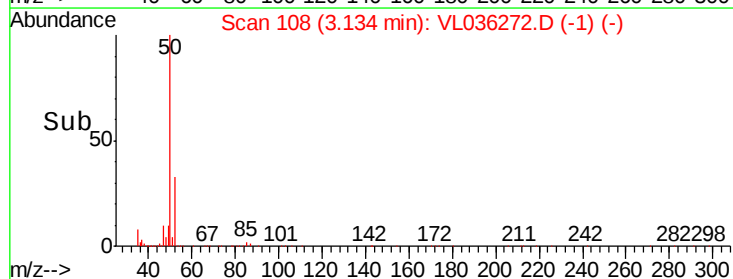
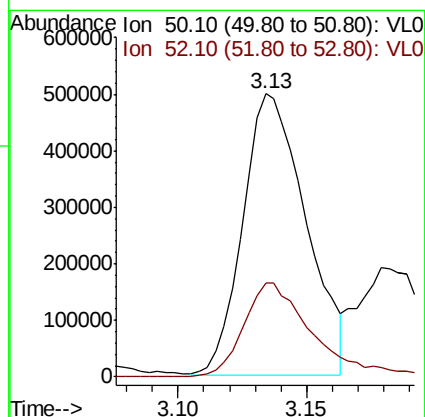
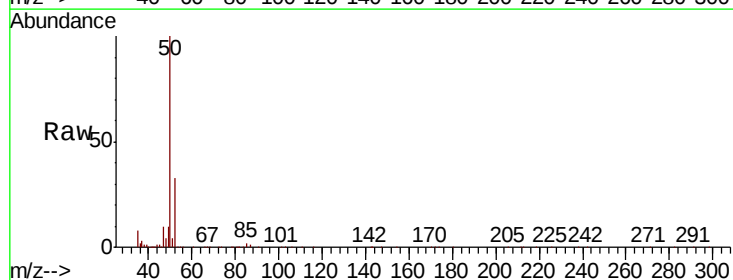
Instrument :
 MSVOA_L
 ClientSampleId :

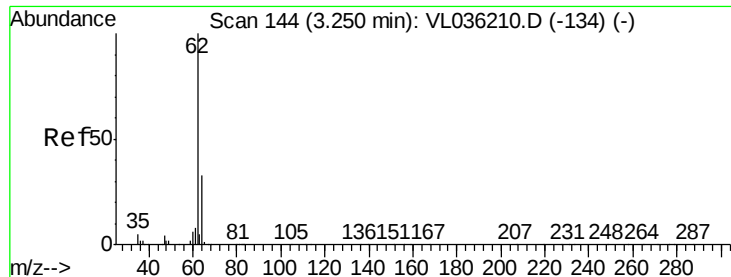
Tot Ion: 51 Resp: 1781211
 Ion Ratio Lower Upper
 51 100
 67 18.5 14.0 21.0



#4
 Chloromethane
 Concen: 9.600 ppbv
 RT: 3.13 min Scan# 108
 Delta R.T. -0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Tgt Ion: 50 Resp: 853321
 Ion Ratio Lower Upper
 50 100
 52 33.5 27.8 41.8





#5

Vinyl Chloride

Concen: 9.764 ppbv

RT: 3.25 min Scan# 145

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

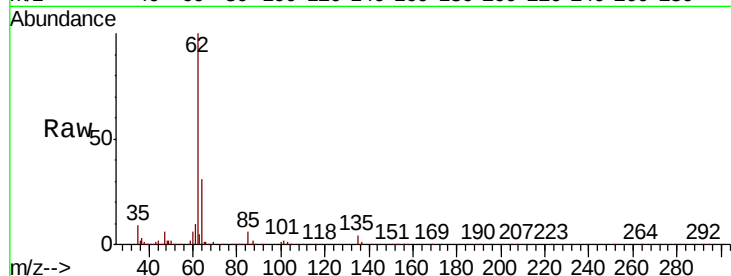
ClientSampleId :

Tot Ion: 62 Resp: 821283

Ion Ratio Lower Upper

62 100

64 31.0 26.2 39.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.25

400000

300000

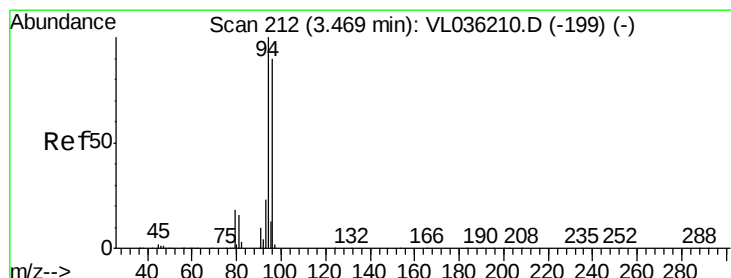
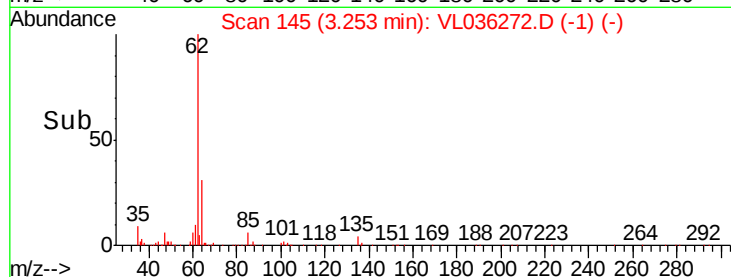
200000

100000

0

Time-->

3.20 3.25 3.30



#6

Bromomethane

Concen: 9.939 ppbv

RT: 3.47 min Scan# 212

Delta R.T. -0.00 min

Lab File: VL036272.D

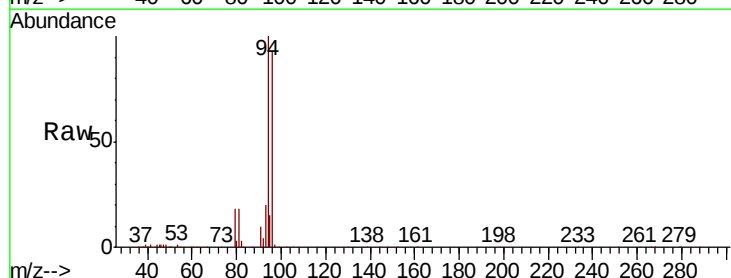
Acq: 28 Jan 2021 13:30

Tgt Ion: 94 Resp: 467349

Ion Ratio Lower Upper

94 100

96 92.6 71.9 107.9



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.47

300000

250000

200000

150000

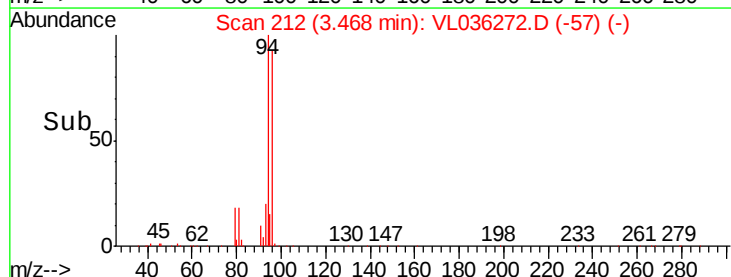
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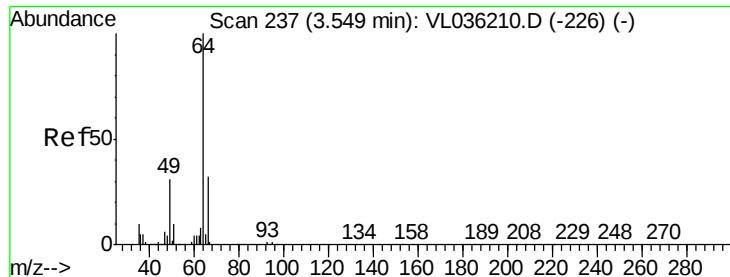
50000

0

Time-->

3.40 3.45 3.50 3.55





#7

Chloroethane

Concen: 10.303 ppbv

RT: 3.55 min Scan# 238

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

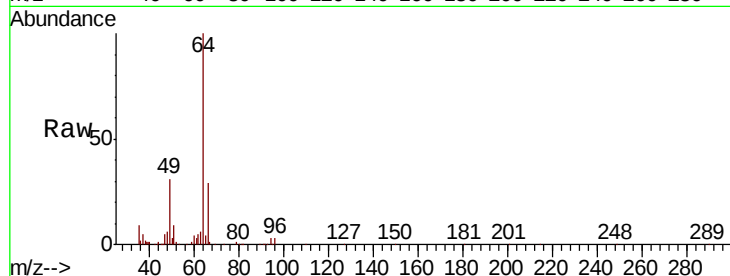
ClientSampleId :

Tot Ion: 64 Resp: 298433

Ion Ratio Lower Upper

64 100

66 29.3 25.2 37.8



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

200000

150000

100000

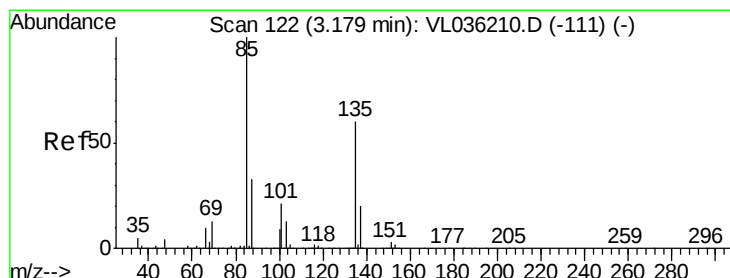
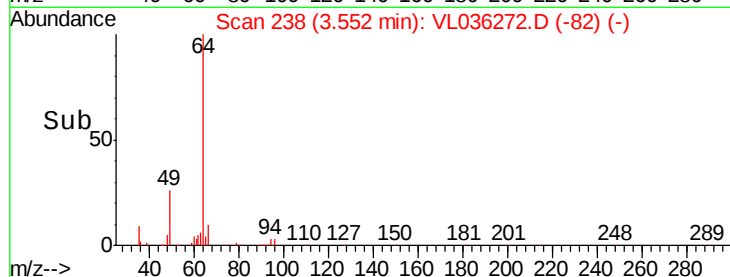
50000

0

3.55

3.50 3.55 3.60

Time-->



#8

Dichlorotetrafluoroethane

Concen: 10.077 ppbv

RT: 3.18 min Scan# 123

Delta R.T. 0.00 min

Lab File: VL036272.D

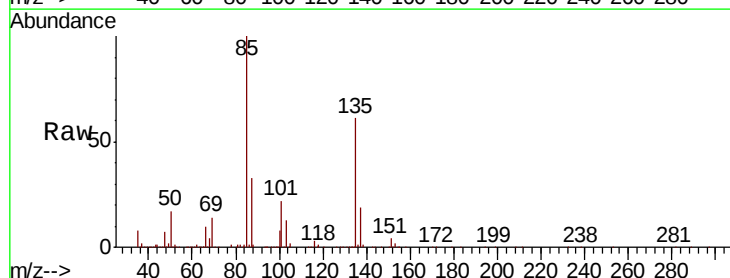
Acq: 28 Jan 2021 13:30

Tgt Ion: 85 Resp: 1916376

Ion Ratio Lower Upper

85 100

135 63.6 51.5 77.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

1200000

1000000

800000

600000

400000

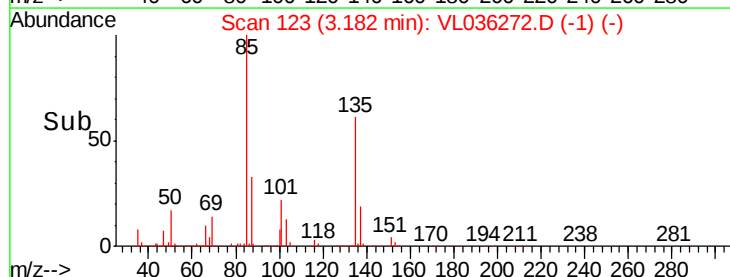
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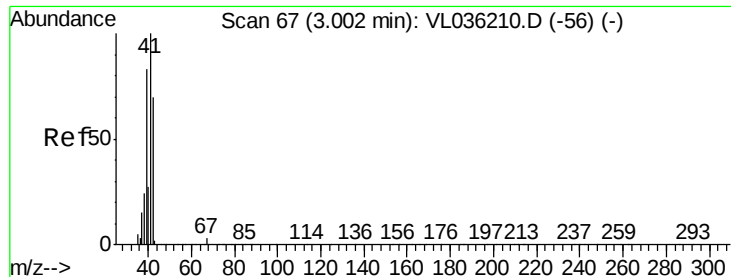
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3.18

3.10 3.15 3.20 3.25 3.30

Time-->





#9

Propene

Concen: 9.449 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

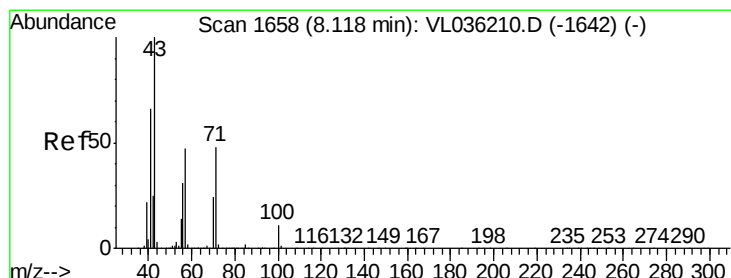
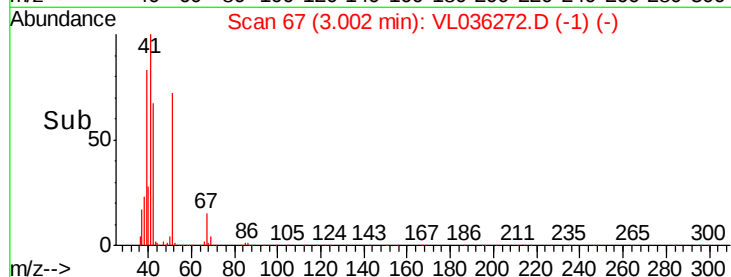
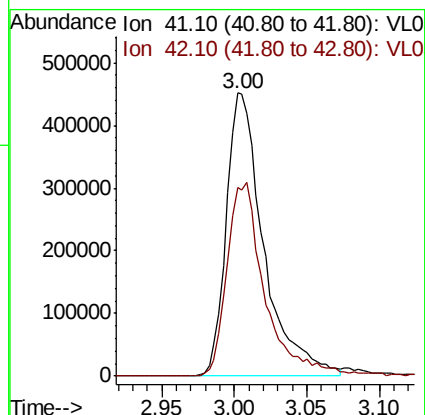
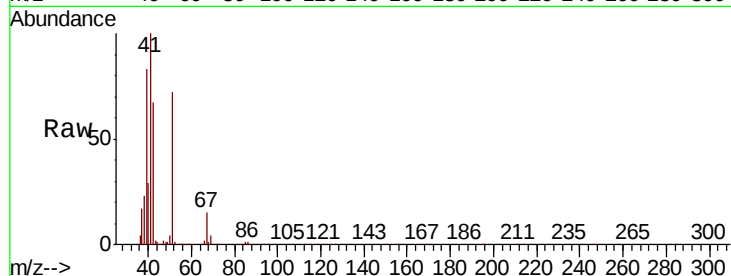
ClientSampleId :

Tot Ion: 41 Resp: 809254

Ion Ratio Lower Upper

41 100

42 69.6 57.1 85.7



#10

Heptane

Concen: 9.831 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VL036272.D

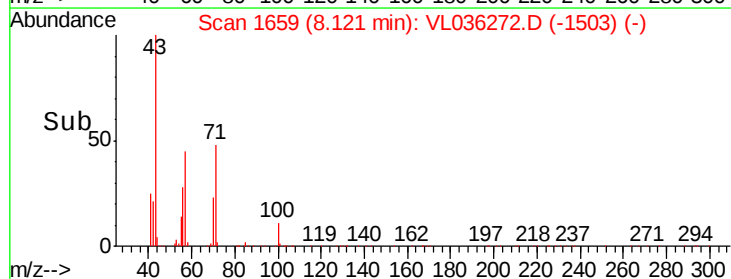
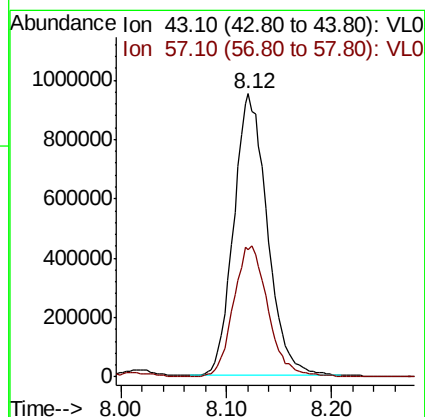
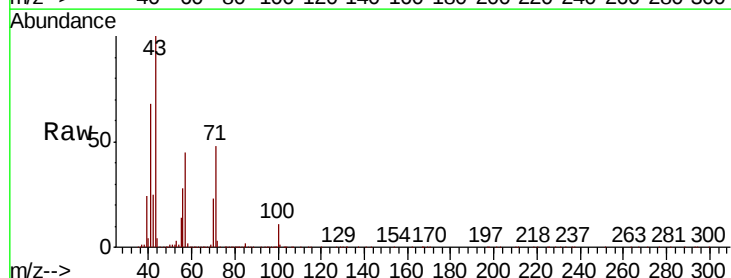
Acq: 28 Jan 2021 13:30

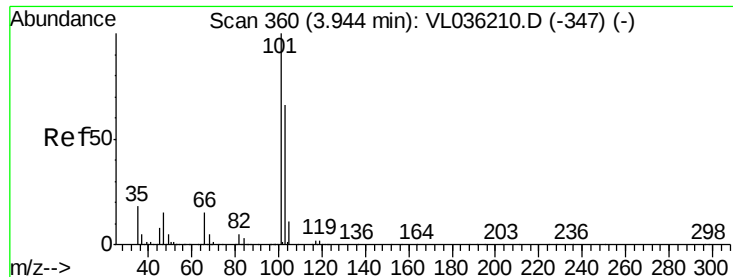
Tgt Ion: 43 Resp: 2089964

Ion Ratio Lower Upper

43 100

57 48.1 38.1 57.1

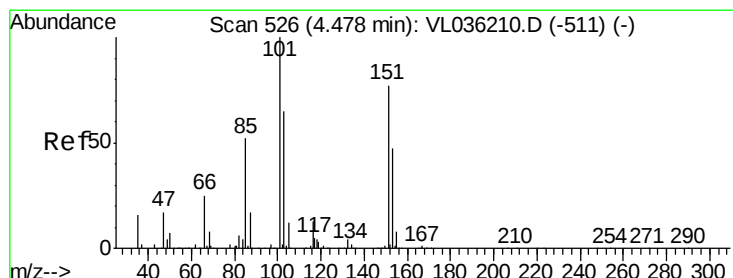
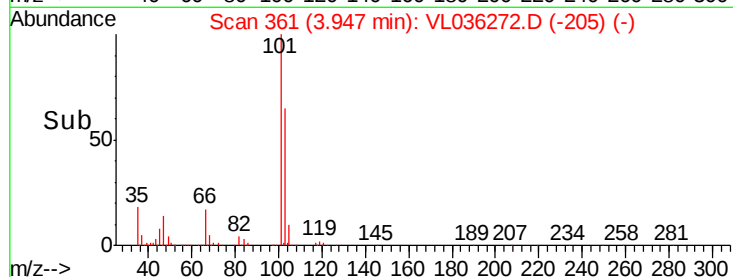
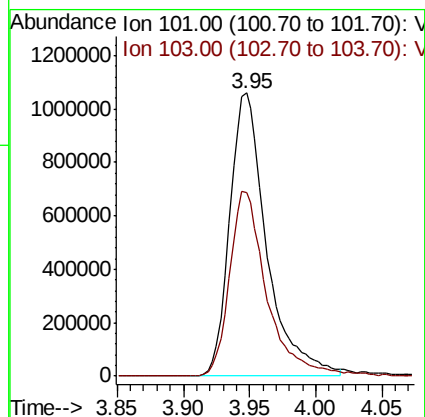
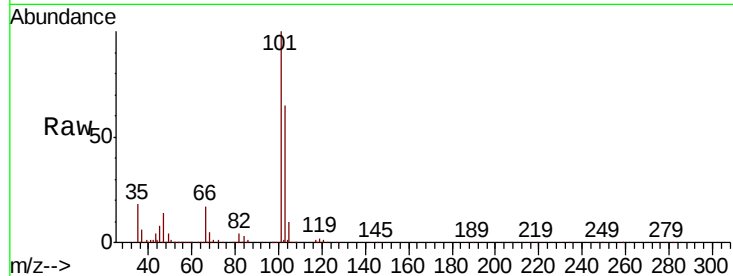




#11
 Trichlorofluoromethane
 Concen: 10.308 ppbv
 RT: 3.95 min Scan# 361
 Delta R.T. 0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

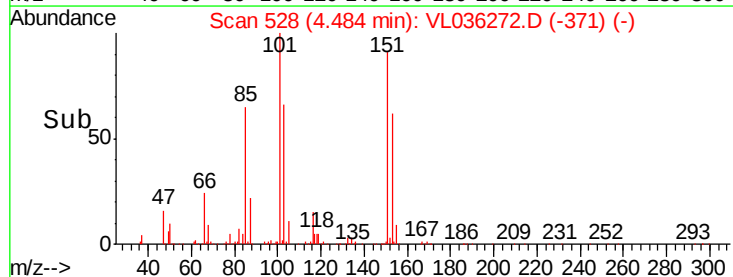
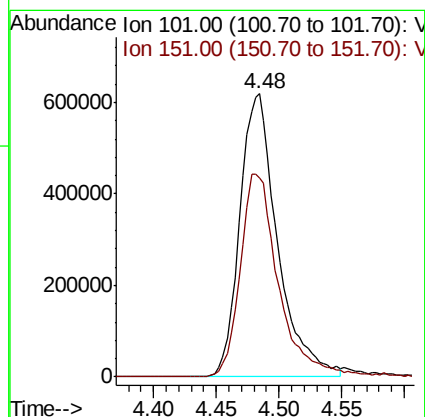
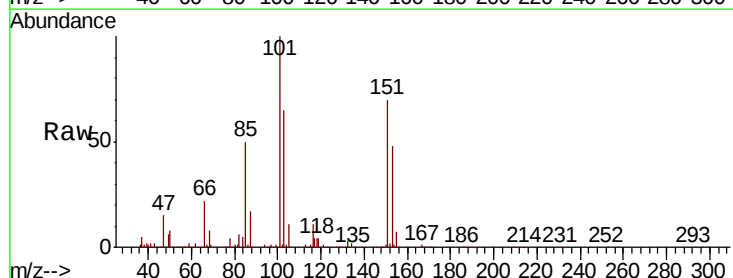
Instrument :
 MSVOA_L
 ClientSampleId :

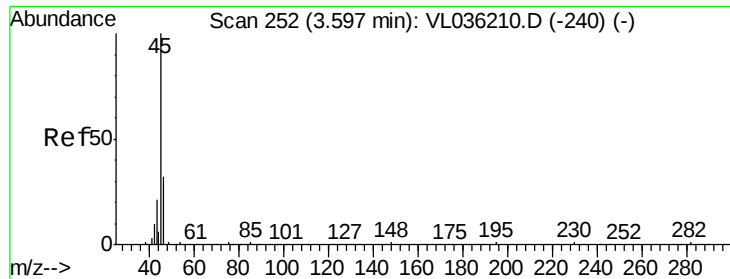
Tot Ion:101 Resp: 2057059
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.6 78.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.712 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Tgt Ion:101 Resp: 1296002
 Ion Ratio Lower Upper
 101 100
 151 73.3 59.8 89.6





#13

Ethanol

Concen: 10.771 ppbv

RT: 3.60 min Scan# 254

Delta R.T. 0.01 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

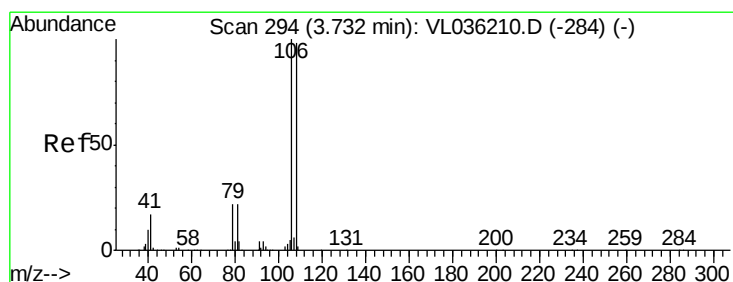
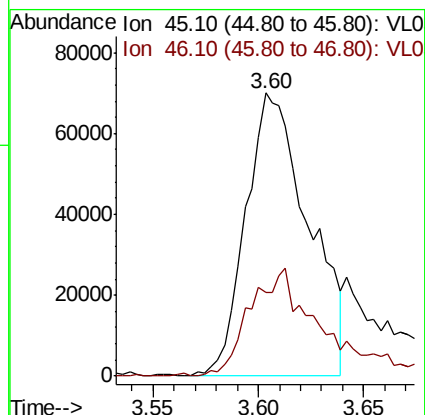
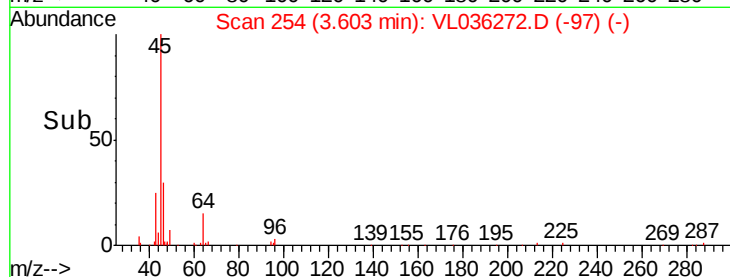
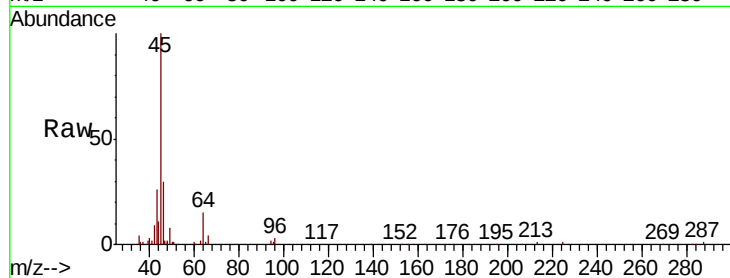
ClientSampleId :

Tot Ion: 45 Resp: 144845

Ion Ratio Lower Upper

45 100

46 46.1 19.2 77.0



#14

Bromoethene

Concen: 10.065 ppbv

RT: 3.74 min Scan# 295

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

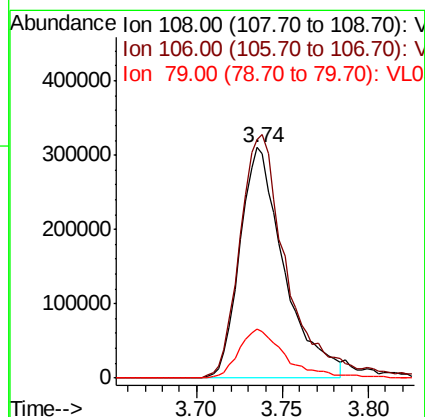
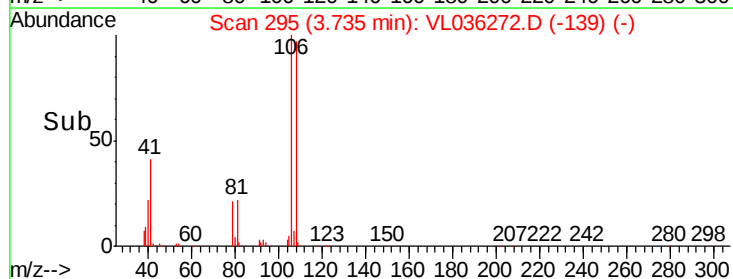
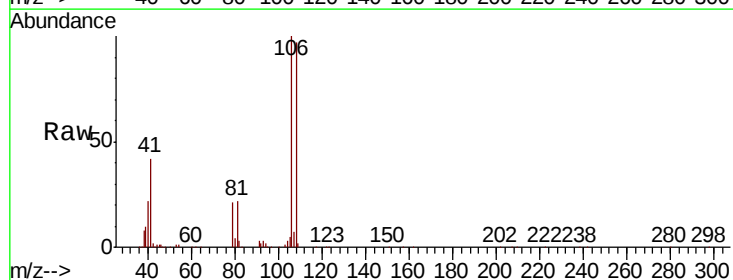
Tgt Ion: 108 Resp: 554477

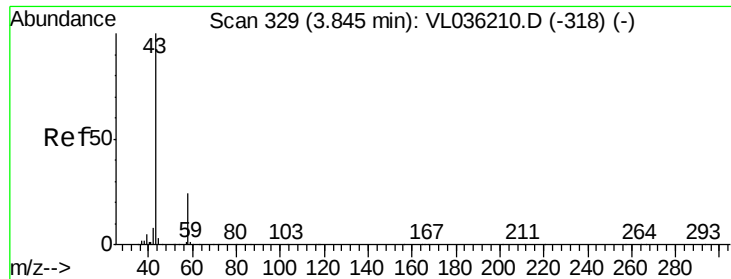
Ion Ratio Lower Upper

108 100

106 114.5 91.4 137.2

79 22.7 18.3 27.5





#15

Acetone

Concen: 9.347 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

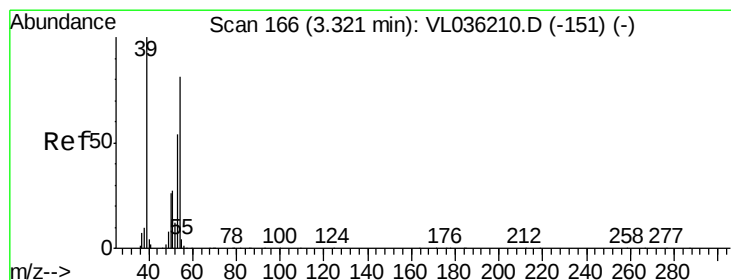
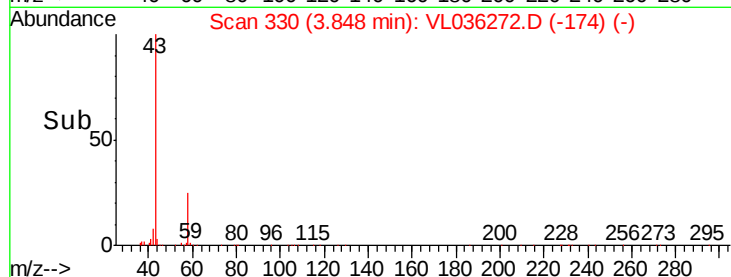
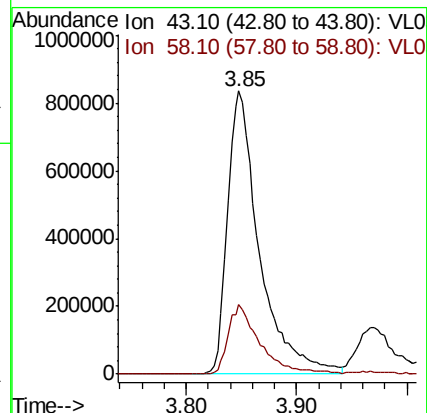
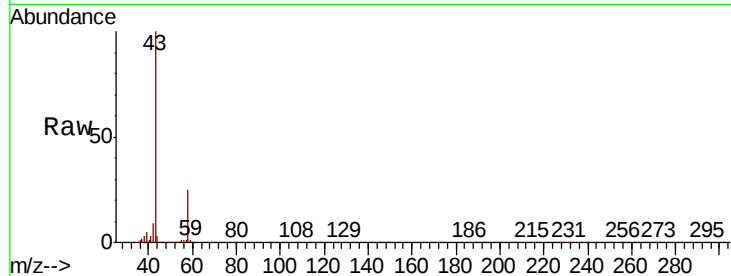
ClientSampleId :

Tot Ion: 43 Resp: 1676374

Ion Ratio Lower Upper

43 100

58 24.1 20.9 31.3



#16

1,3-Butadiene

Concen: 10.048 ppbv

RT: 3.32 min Scan# 167

Delta R.T. 0.00 min

Lab File: VL036272.D

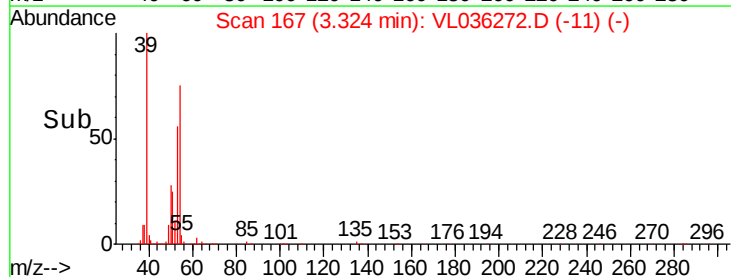
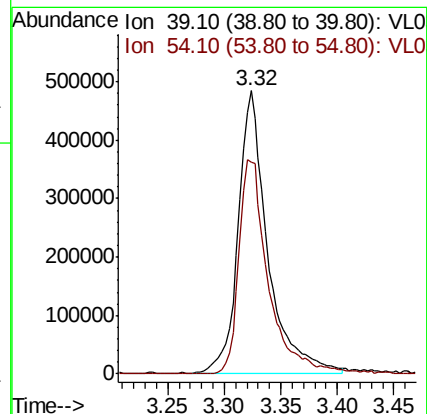
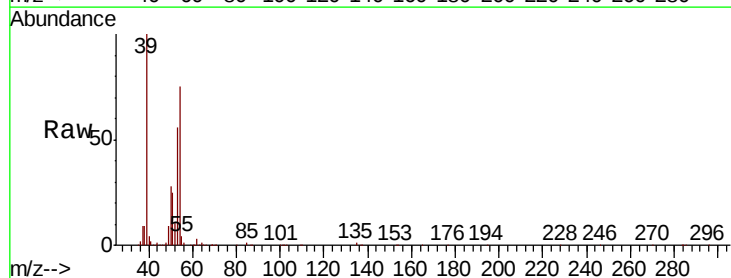
Acq: 28 Jan 2021 13:30

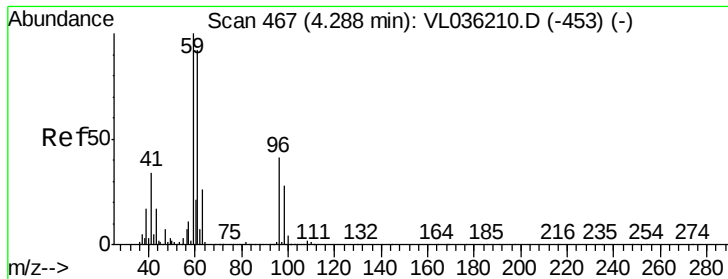
Tgt Ion: 39 Resp: 877924

Ion Ratio Lower Upper

39 100

54 76.6 62.5 93.7

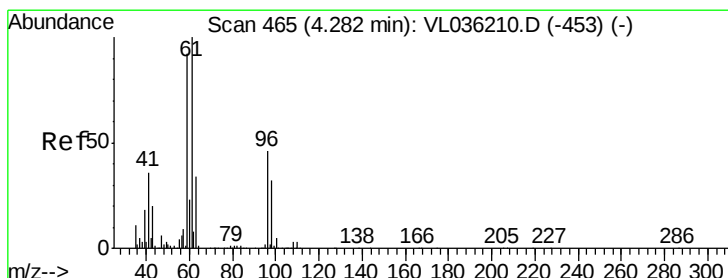
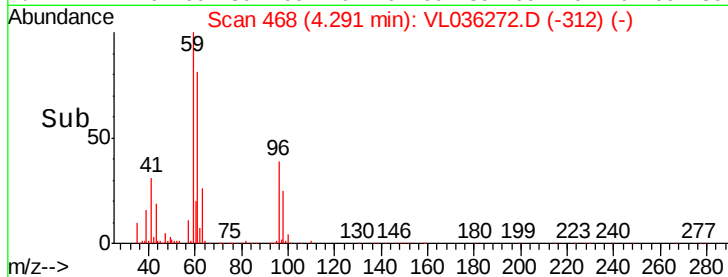
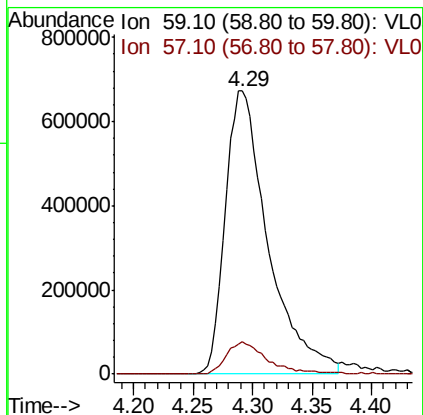
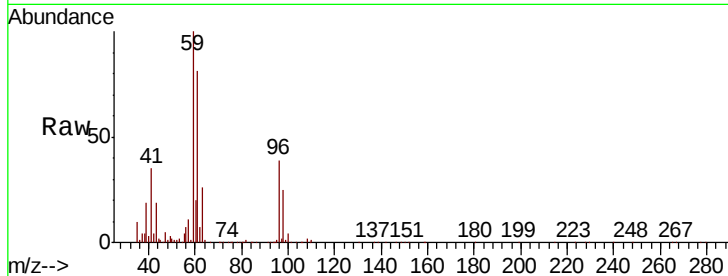




#17
tert-Butyl alcohol
Concen: 11.361 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

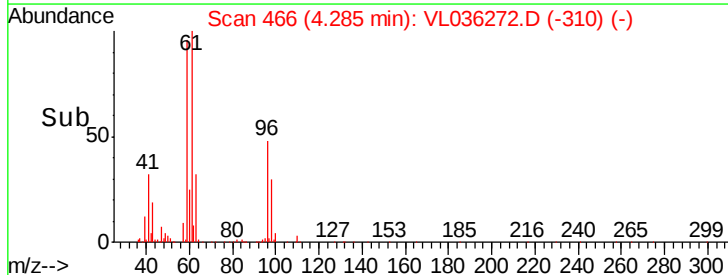
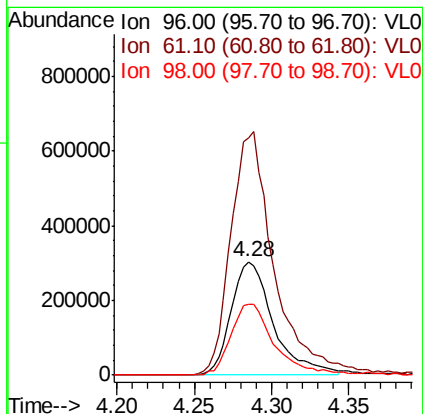
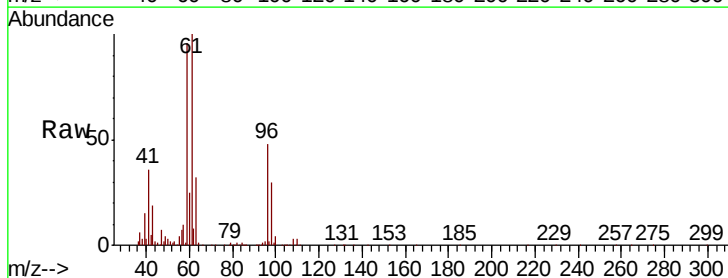
Instrument :
MSVOA_L
ClientSampleId :

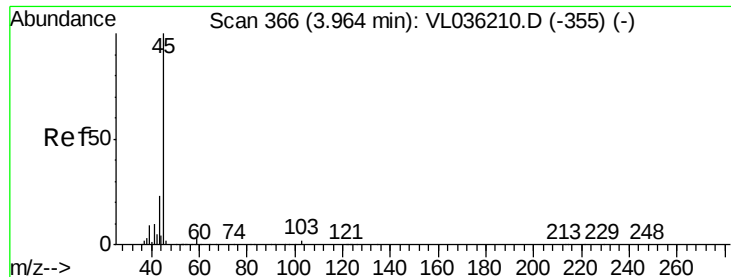
Tot Ion: 59 Resp: 1681366
Ion Ratio Lower Upper
59 100
57 11.3 9.2 13.8



#18
1,1-Dichloroethene
Concen: 10.276 ppbv
RT: 4.28 min Scan# 466
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion: 96 Resp: 576383
Ion Ratio Lower Upper
96 100
61 208.1 173.4 260.0
98 62.8 54.9 82.3

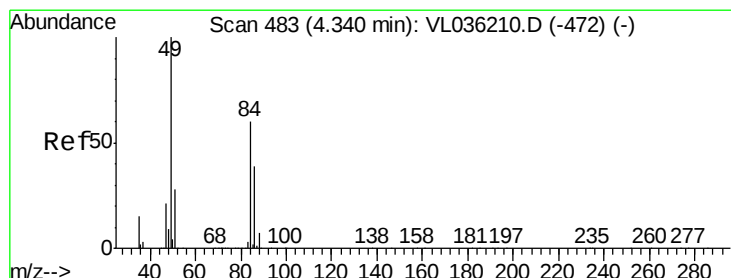
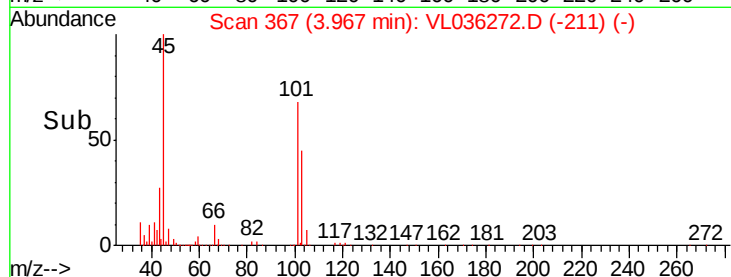
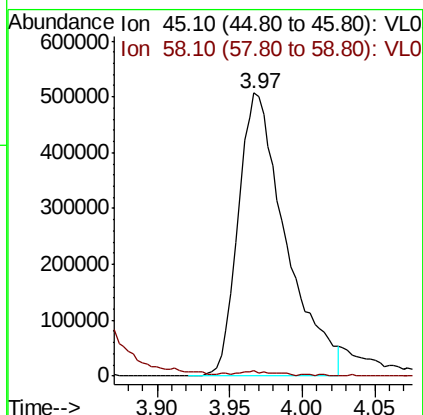
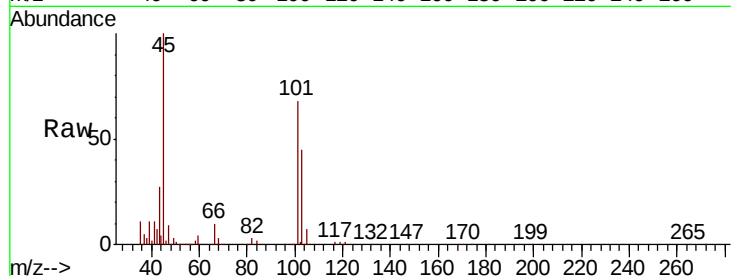




#19
Isopropyl Alcohol
Concen: 10.691 ppbv
RT: 3.97 min Scan# 367
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

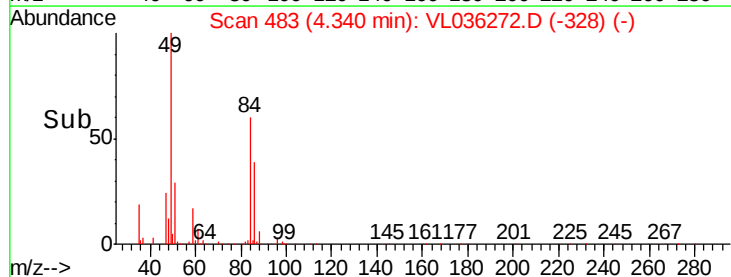
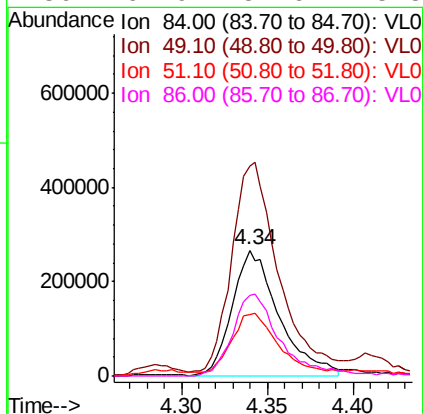
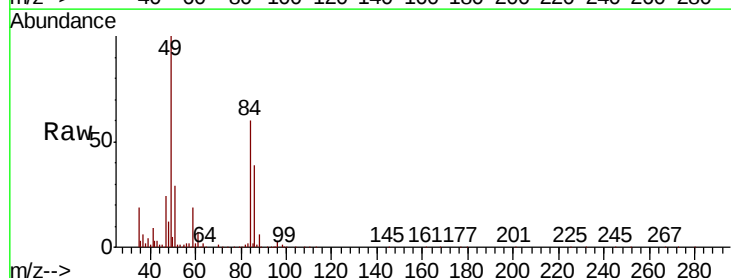
Instrument :
MSVOA_L
ClientSampleId :

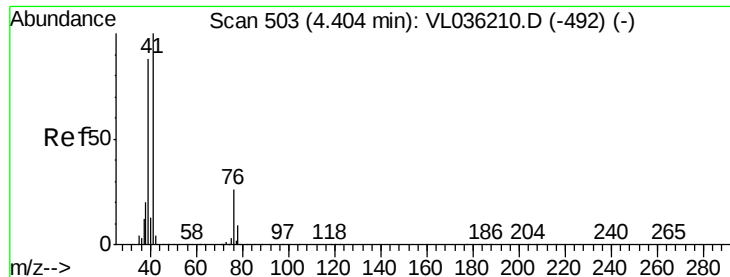
Tot Ion: 45 Resp: 1155941
Ion Ratio Lower Upper
45 100
58 2.6 1.9 2.9



#20
Methylene Chloride
Concen: 8.713 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion: 84 Resp: 498718
Ion Ratio Lower Upper
84 100
49 164.9 134.1 201.1
51 45.2 37.4 56.0
86 64.9 52.6 78.8





#21

Allvl Chloride

Concen: 10.507 ppbv

RT: 4.41 min Scan# 504

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

ClientSampleId :

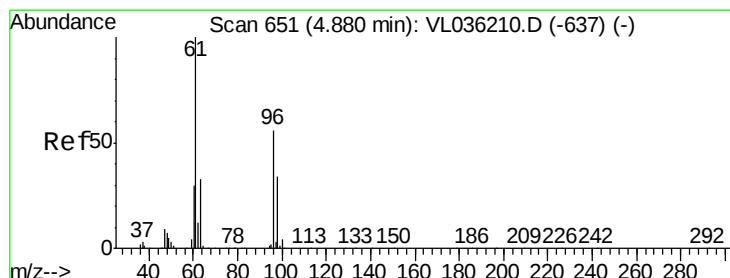
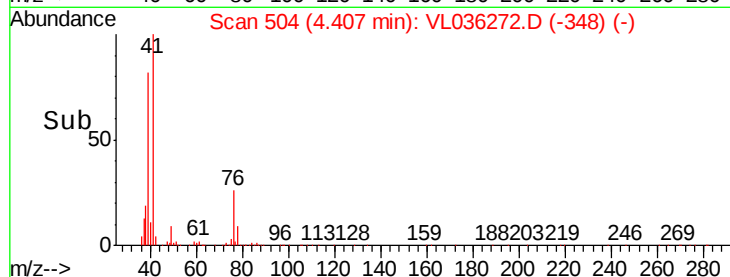
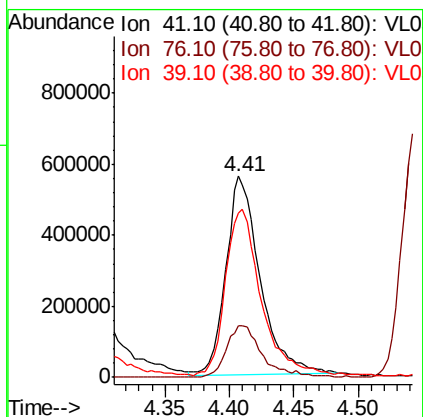
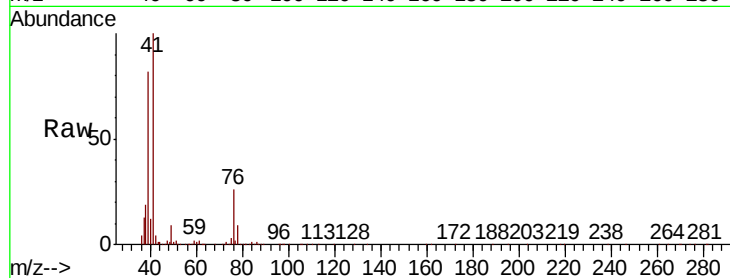
Tot Ion: 41 Resp: 1025717

Ion Ratio Lower Upper

41 100

76 27.5 20.5 30.7

39 89.2 67.8 101.8



#22

trans-1,2-Dichloroethene

Concen: 10.894 ppbv

RT: 4.88 min Scan# 652

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

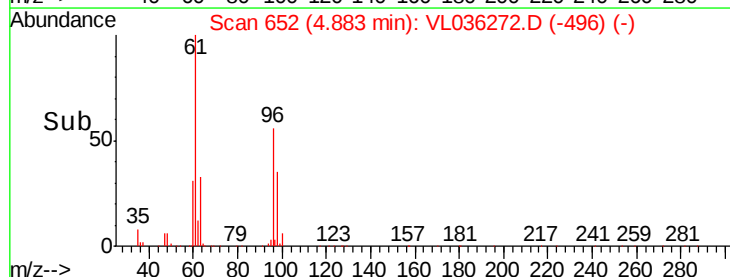
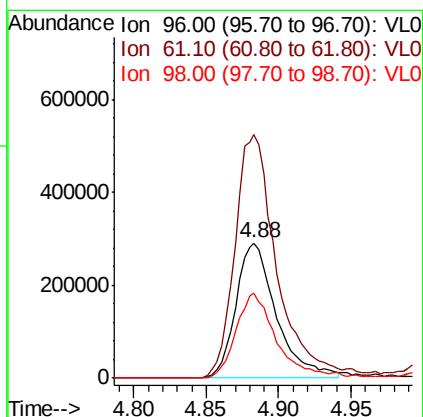
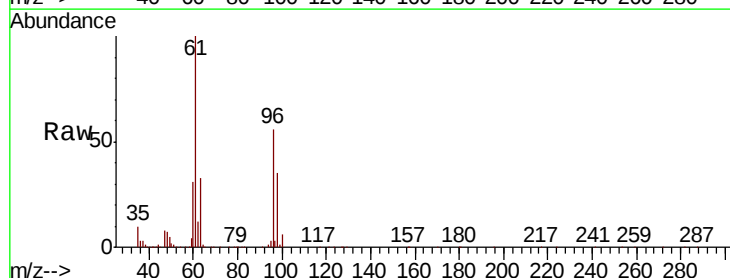
Tgt Ion: 96 Resp: 564578

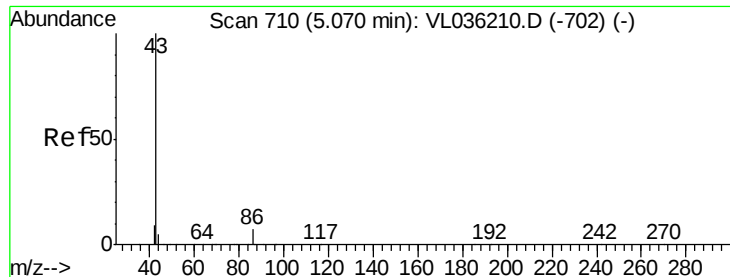
Ion Ratio Lower Upper

96 100

61 179.8 142.7 214.1

98 62.4 48.7 73.1



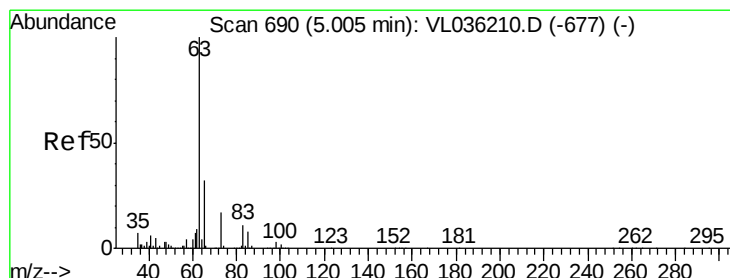
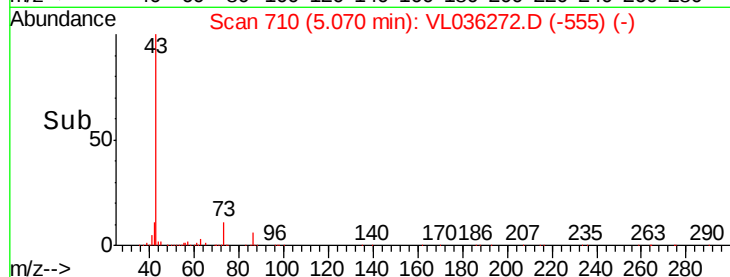
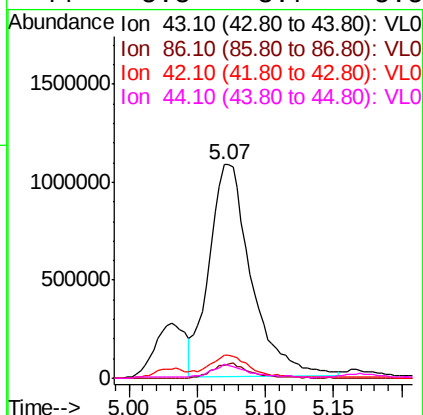
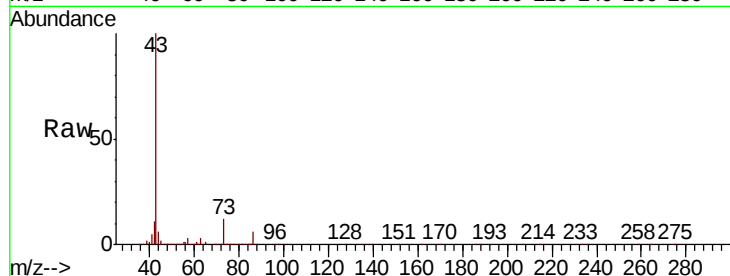


#23
 Vinyl Acetate
 Concen: 10.711 ppbv
 RT: 5.07 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 43 Resp: 2327698

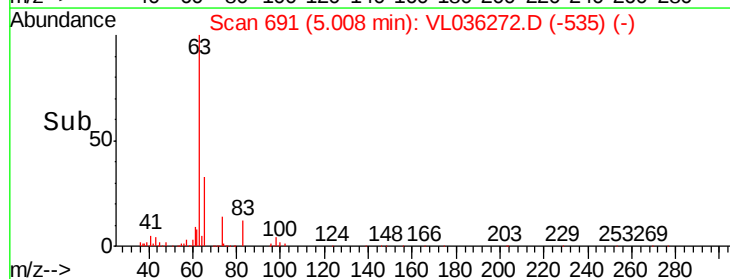
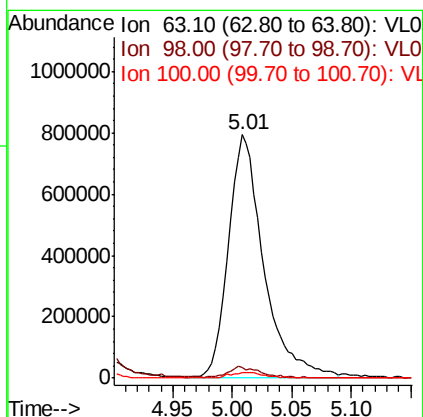
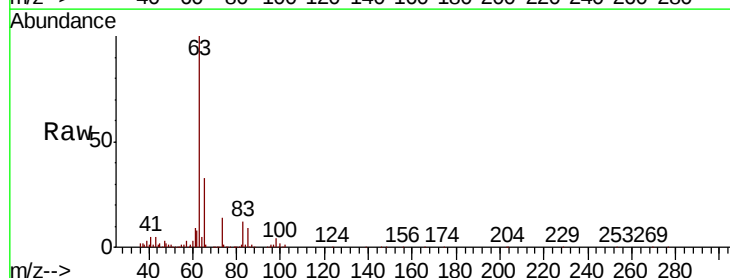
Ion	Ratio	Lower	Upper
43	100		
86	6.2	4.9	7.3
42	10.8	7.8	11.6
44	5.8	3.7	5.5

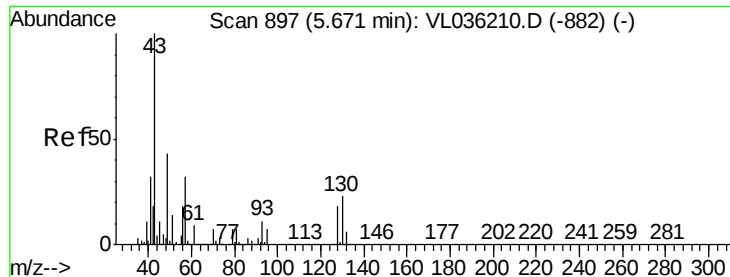


#24
 1,1-Dichloroethane
 Concen: 10.251 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Tgt Ion: 63 Resp: 1613722

Ion	Ratio	Lower	Upper
63	100		
98	4.2	1.7	5.1
100	2.4	1.1	3.1

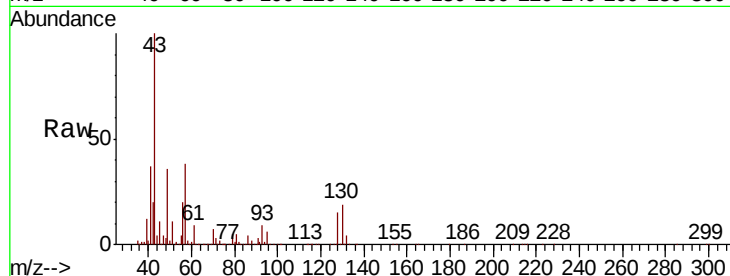




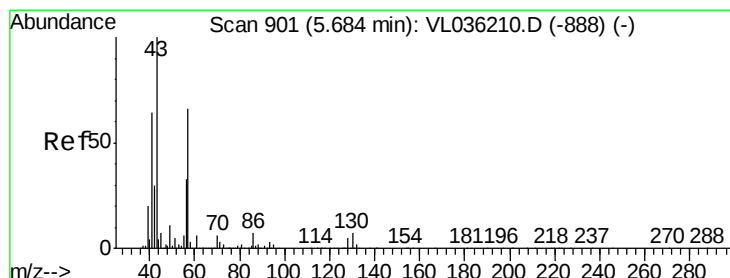
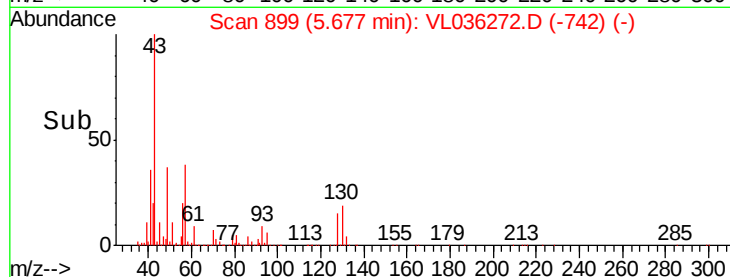
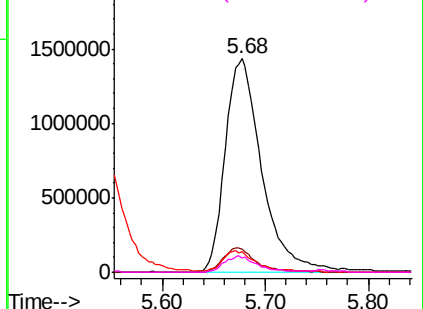
#25
Ethyl Acetate
Concen: 9.778 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.01 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	43	Resp:	3520588
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.3	12.5
61	9.5	7.4	11.2
70	6.7	5.5	8.3

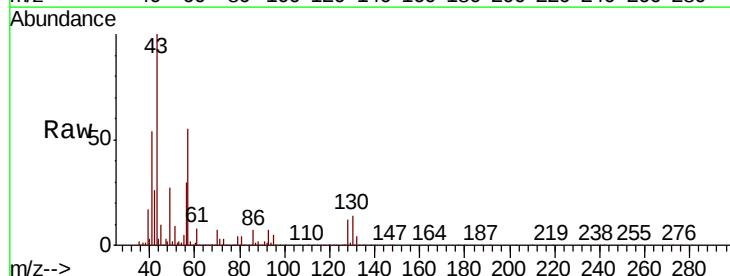


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

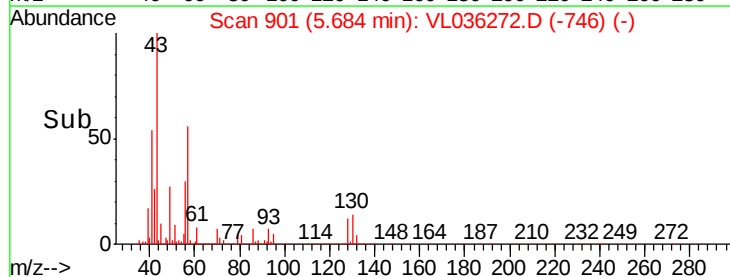
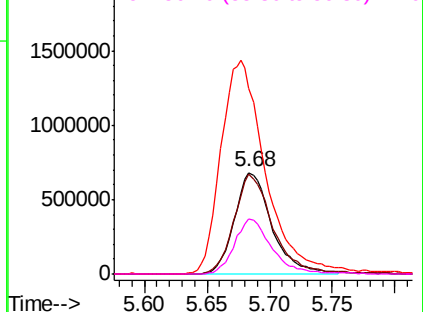


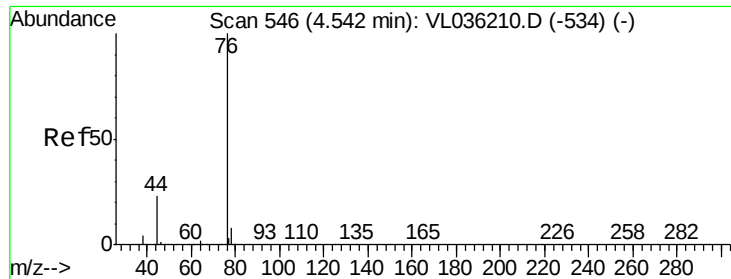
#26
Hexane
Concen: 9.402 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion:	57	Resp:	1409396
Ion	Ratio	Lower	Upper
57	100		
41	103.4	83.0	124.6
43	253.9	202.4	303.6
56	54.8	43.4	65.0



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 12.380 ppbv

RT: 4.55 min Scan# 547

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

ClientSampleId :

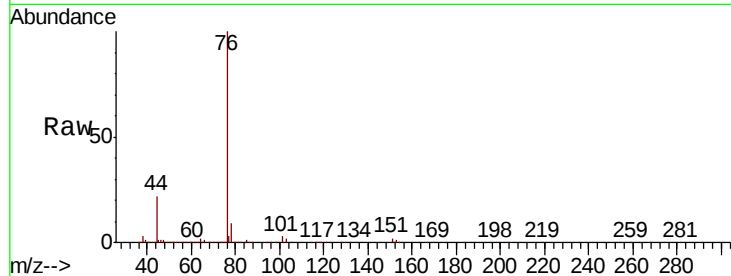
Tot Ion: 76 Resp: 1484027

Ion	Ratio	Lower	Upper
76	100		
44	24.2	19.0	28.6
78	9.6	8.0	12.0

76 100

44 24.2 19.0 28.6

78 9.6 8.0 12.0

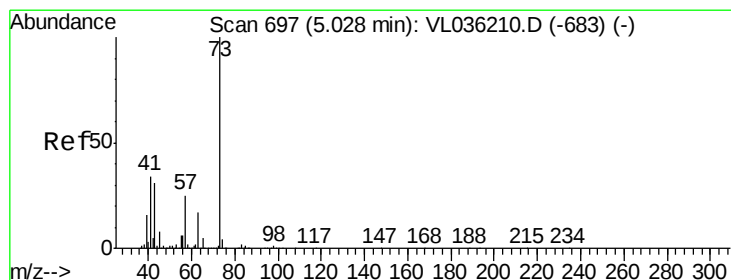
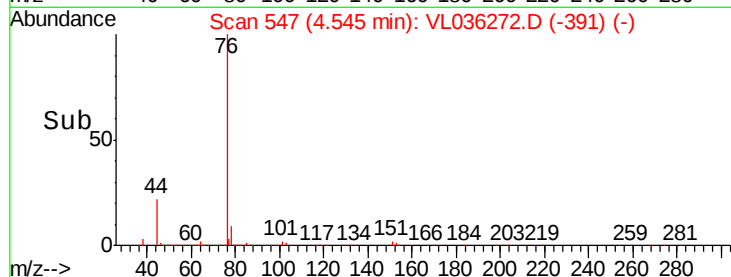
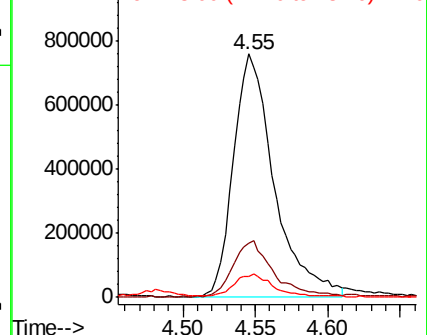


Abundance

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: 10.052 ppbv

RT: 5.03 min Scan# 698

Delta R.T. 0.00 min

Lab File: VL036272.D

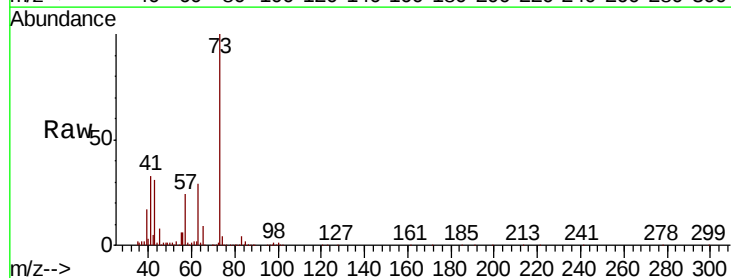
Acq: 28 Jan 2021 13:30

Tgt Ion: 73 Resp: 2037792

Ion	Ratio	Lower	Upper
73	100		
57	23.8	20.4	30.6

73 100

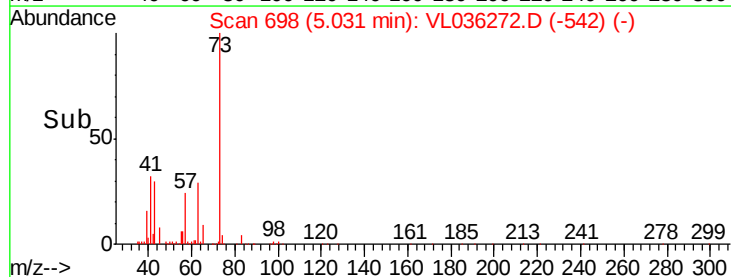
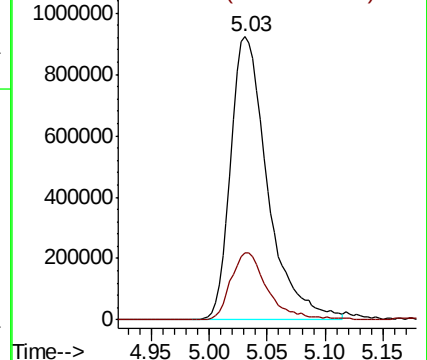
57 23.8 20.4 30.6

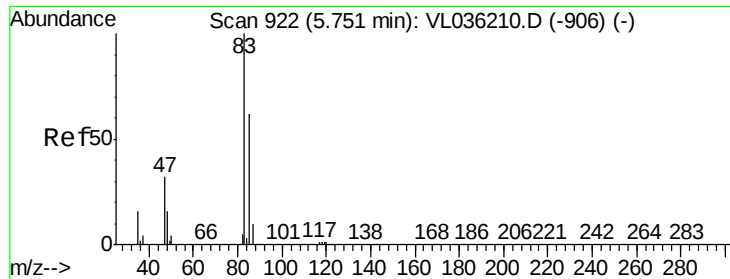


Abundance

Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 10.162 ppbv

RT: 5.75 min Scan# 922

Delta R.T. -0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

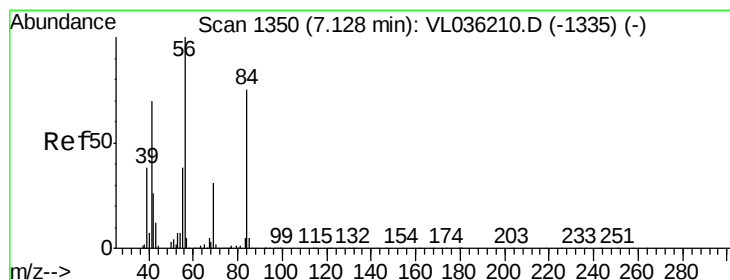
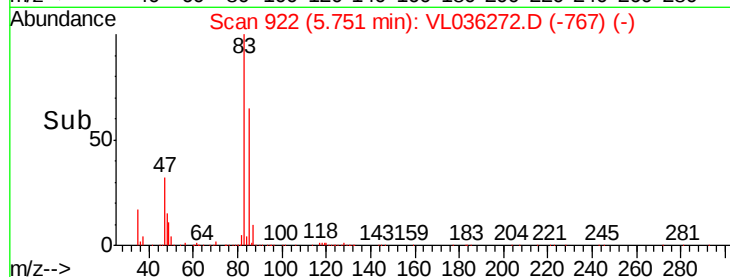
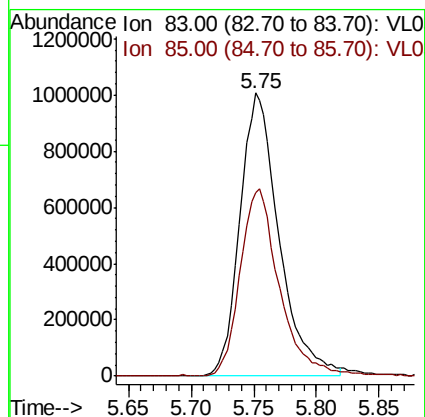
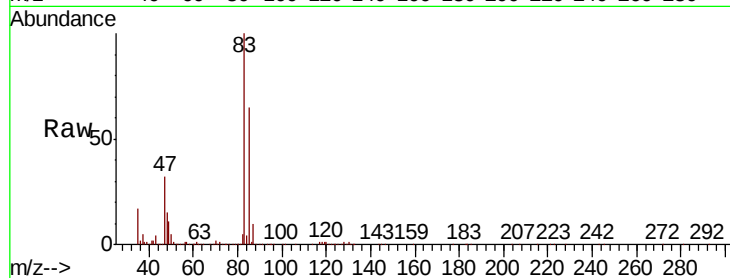
ClientSampleId :

Tot Ion: 83 Resp: 2181136

Ion Ratio Lower Upper

83 100

85 64.9 49.3 73.9



#30

Cyclohexane

Concen: 10.392 ppbv

RT: 7.13 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

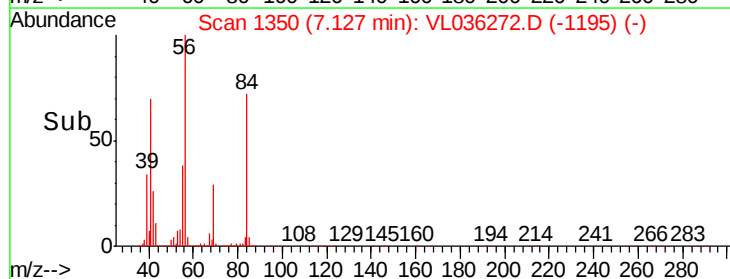
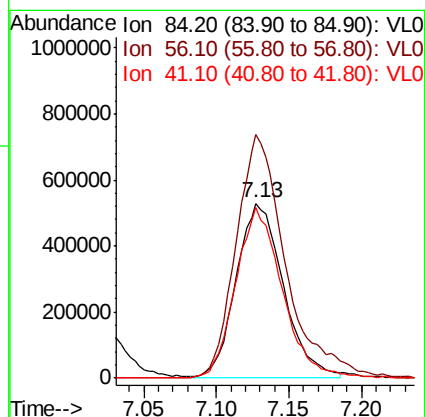
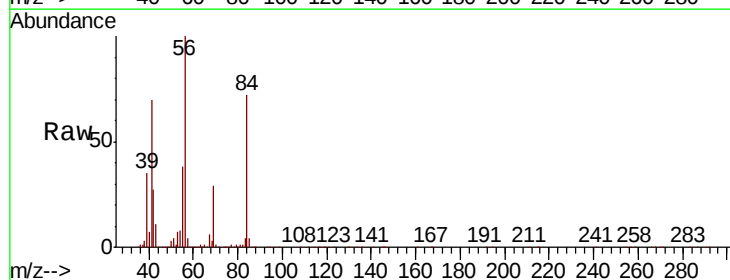
Tgt Ion: 84 Resp: 1190449

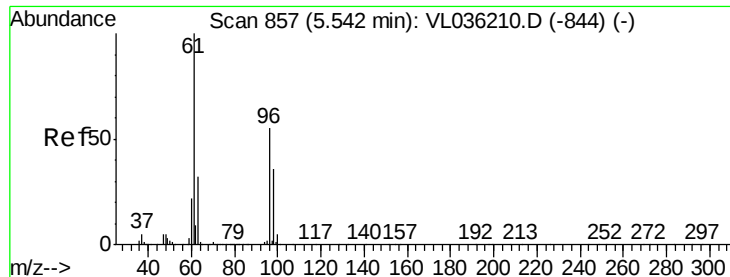
Ion Ratio Lower Upper

84 100

56 148.1 119.4 179.0

41 97.2 79.4 119.0



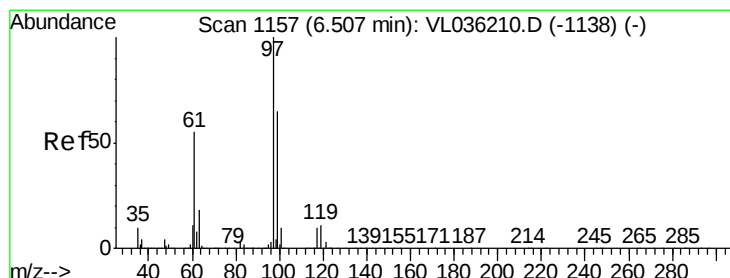
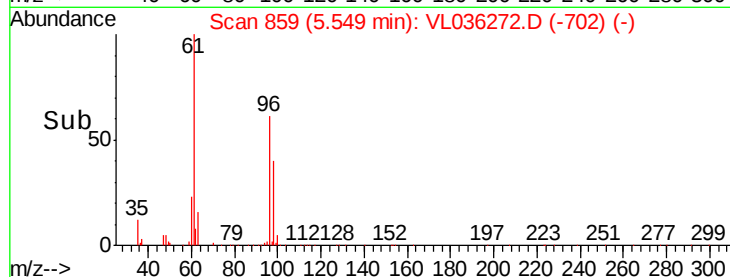
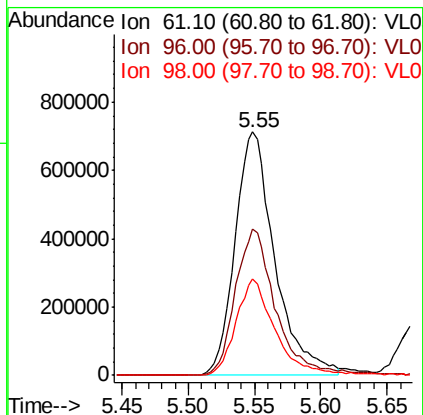
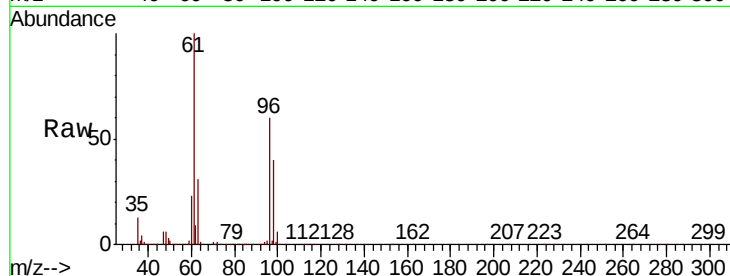


#31

cis-1,2-Dichloroethene
Concen: 10.370 ppbv
RT: 5.55 min Scan# 859
Delta R.T. 0.01 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Instrument :
MSVOA_L
ClientSampled :

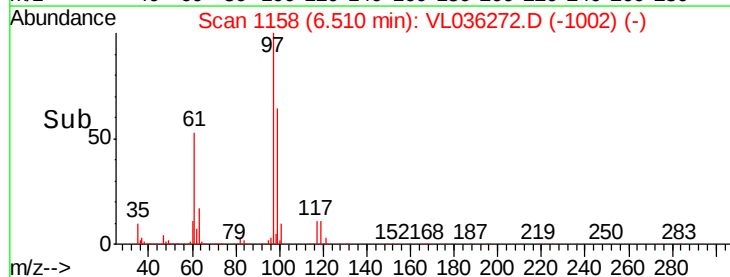
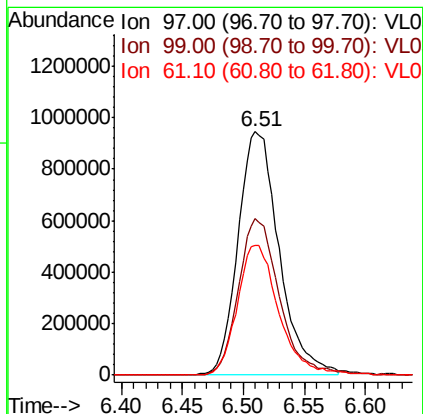
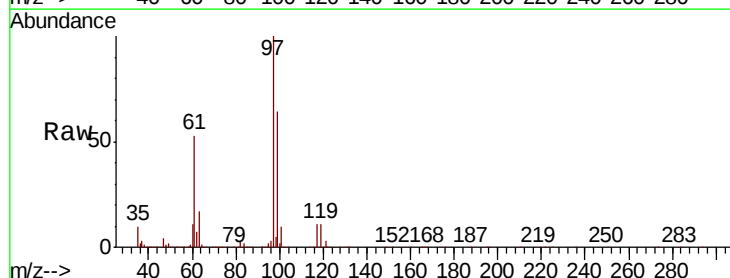
Tot Ion: 61 Resp: 1485880
Ion Ratio Lower Upper
61 100
96 60.2 44.1 66.1
98 39.8 28.6 42.8

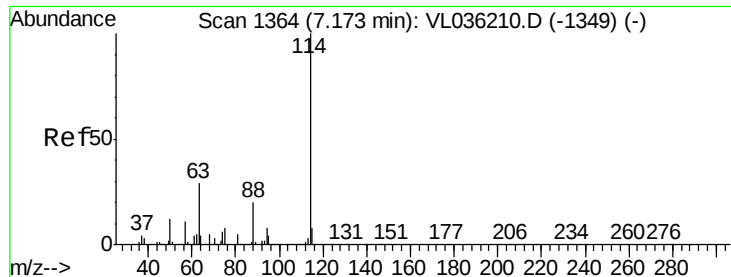


#32

1,1,1-Trichloroethane
Concen: 10.604 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion: 97 Resp: 2201326
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 53.5 43.6 65.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

ClientSampleId :

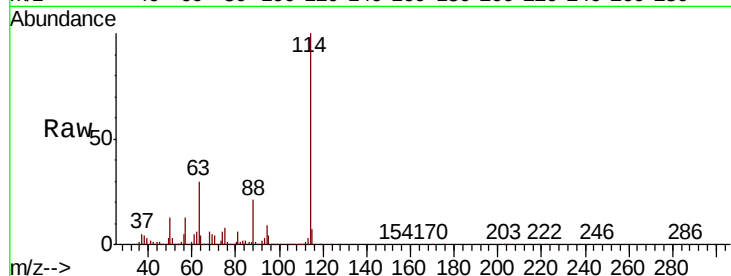
Tot Ion:114 Resp: 3281704

Ion Ratio Lower Upper

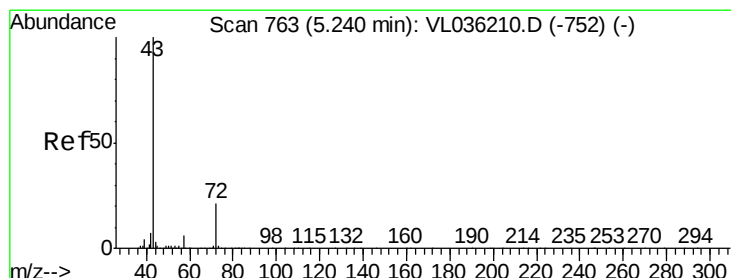
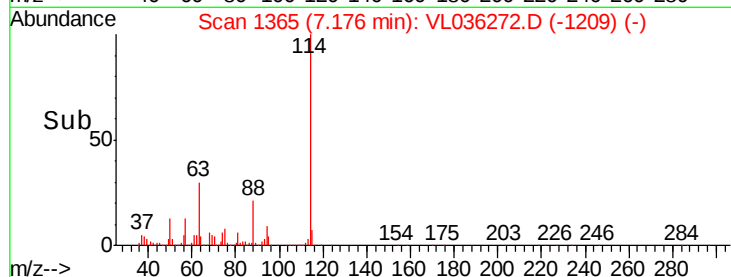
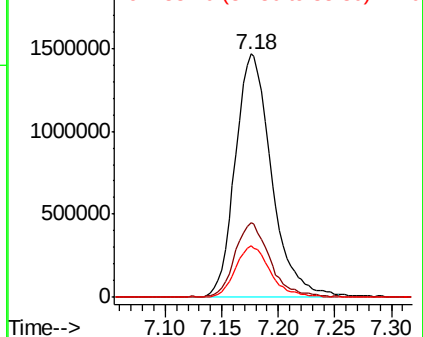
114 100

63 30.3 24.7 37.1

88 20.6 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: 9.162 ppbv

RT: 5.24 min Scan# 764

Delta R.T. 0.00 min

Lab File: VL036272.D

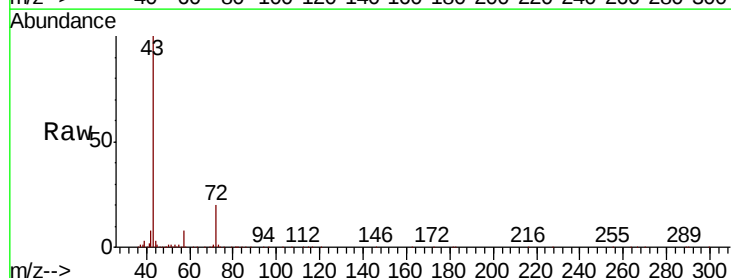
Acq: 28 Jan 2021 13:30

Tgt Ion: 43 Resp: 2214250

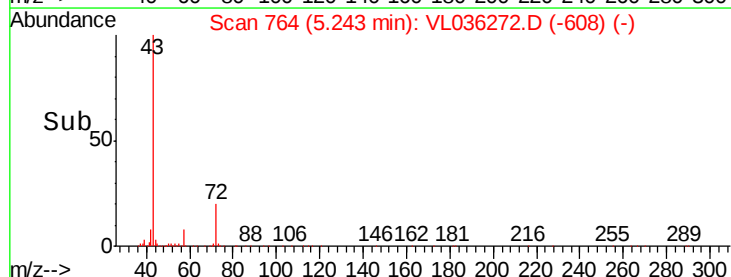
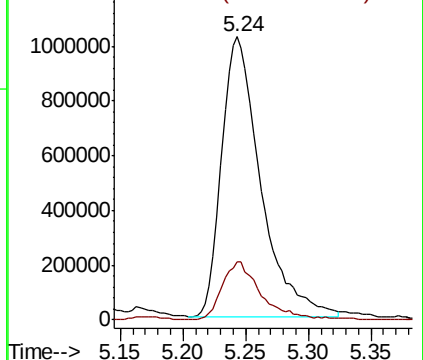
Ion Ratio Lower Upper

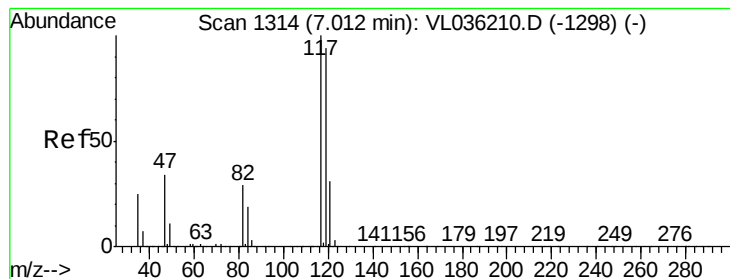
43 100

72 21.0 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: 10.738 ppbv

RT: 7.01 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

ClientSampleId :

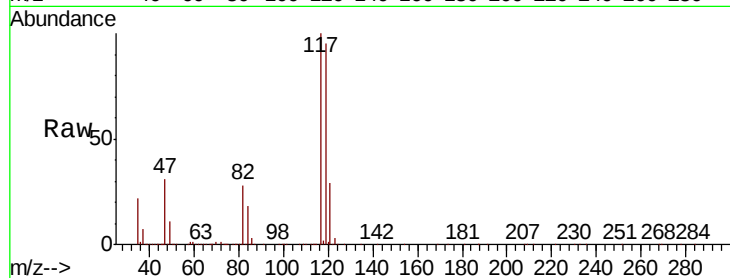
Tot Ion:117 Resp: 2226446

Ion Ratio Lower Upper

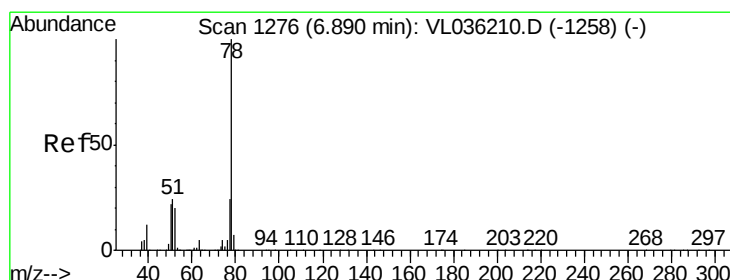
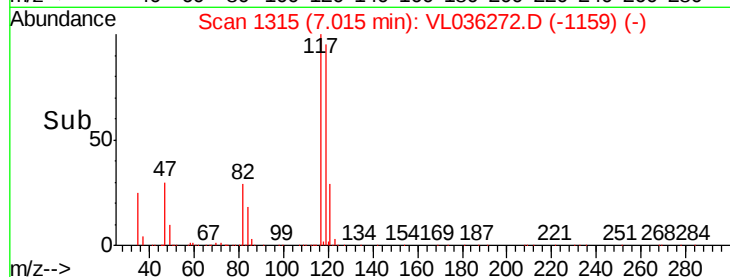
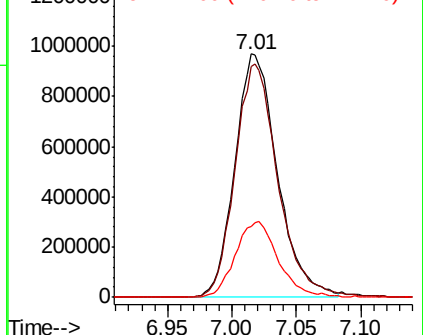
117 100

119 95.0 74.9 112.3

121 29.2 25.0 37.6



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: 9.622 ppbv

RT: 6.89 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

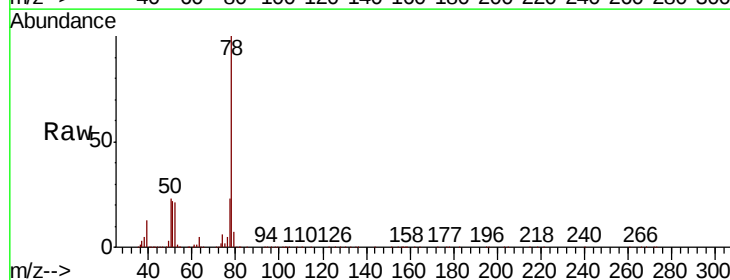
Tgt Ion: 78 Resp: 2893409

Ion Ratio Lower Upper

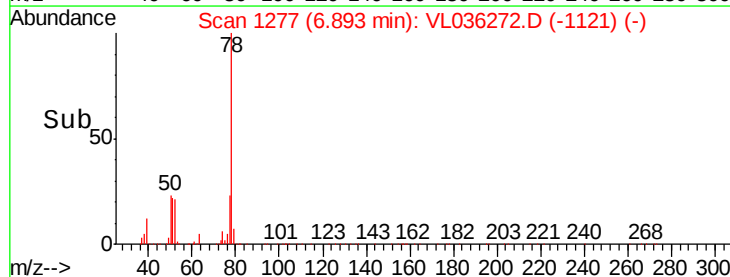
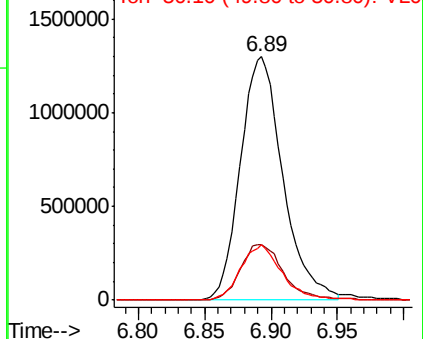
78 100

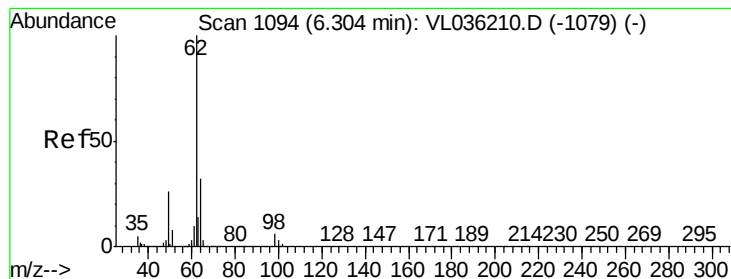
77 22.7 19.4 29.0

50 22.5 17.4 26.2



Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 10.062 ppbv

RT: 6.30 min Scan# 1094

Delta R.T. -0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

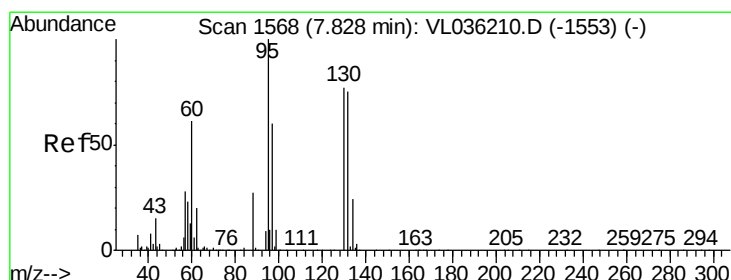
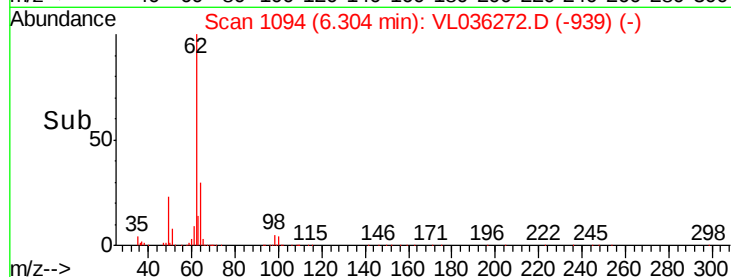
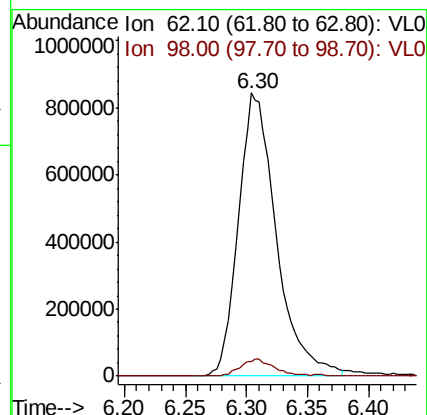
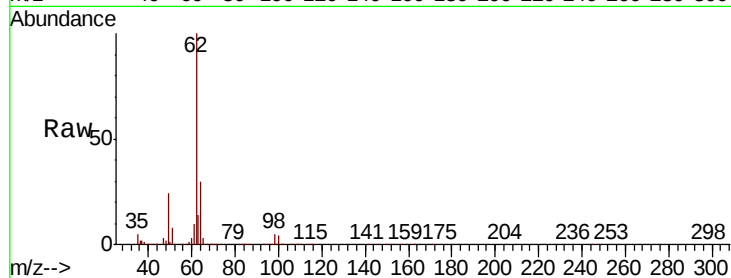
ClientSampleId :

Tot Ion: 62 Resp: 1820669

Ion Ratio Lower Upper

62 100

98 5.8 4.4 6.6



#38

Trichloroethene

Concen: 8.819 ppbv

RT: 7.83 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Tgt Ion:130 Resp: 982162

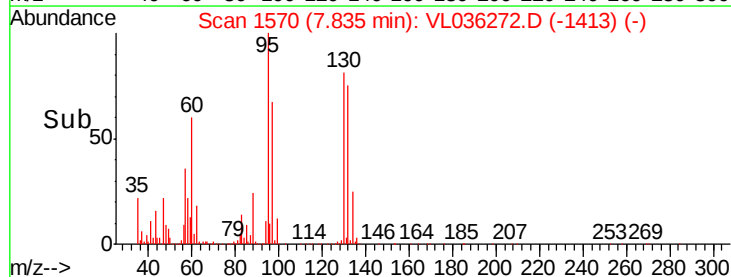
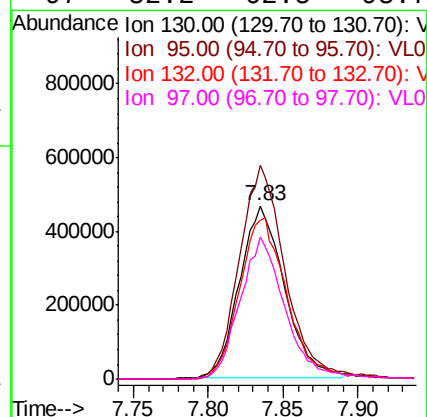
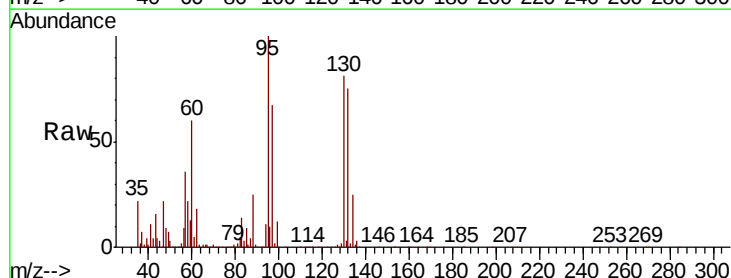
Ion Ratio Lower Upper

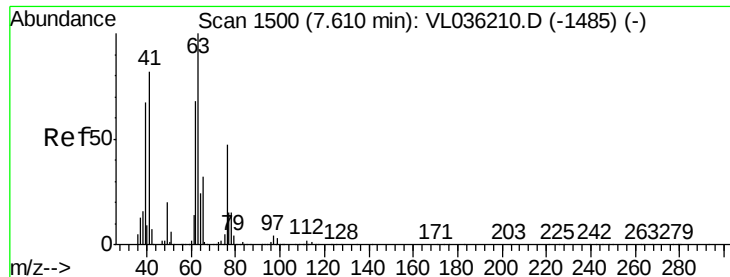
130 100

95 123.4 103.9 155.9

132 91.9 77.4 116.2

97 82.2 62.5 93.7





#39

1,2-Dichloropropane

Concen: 9.848 ppbv

RT: 7.61 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

ClientSampleId :

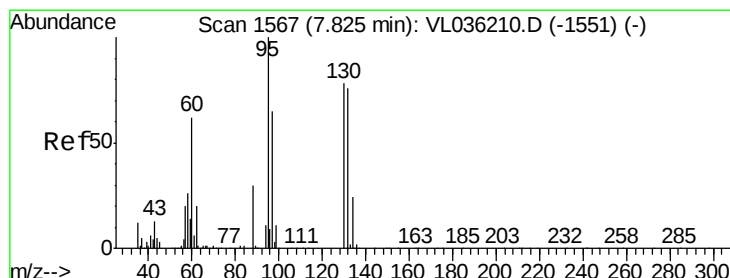
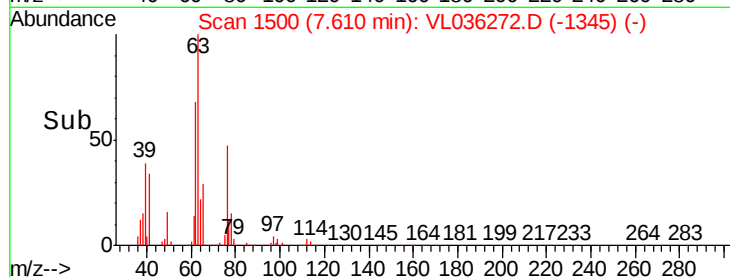
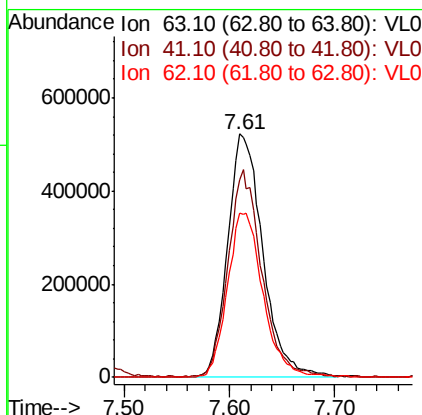
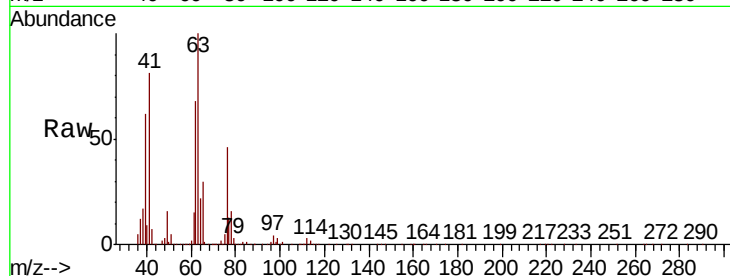
Tot Ion: 63 Resp: 1202377

Ion Ratio Lower Upper

63 100

41 81.0 66.1 99.1

62 67.7 54.8 82.2



#40

1,4-Dioxane

Concen: 8.392 ppbv

RT: 7.83 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Tgt Ion: 88 Resp: 370615

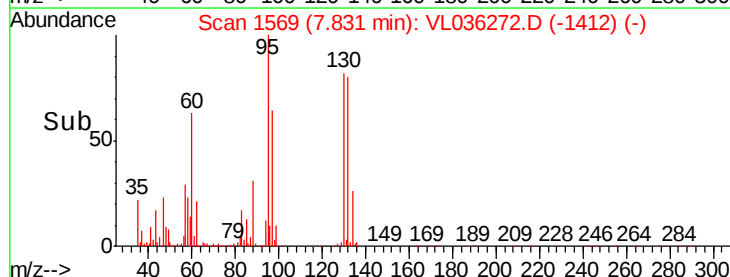
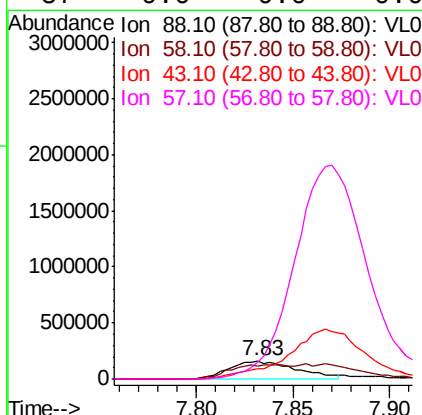
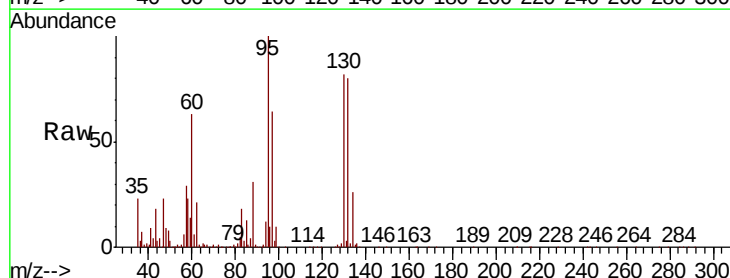
Ion Ratio Lower Upper

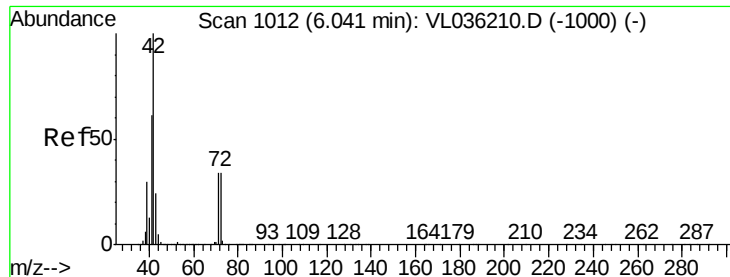
88 100

58 0.0 123.0 184.6#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 9.646 ppbv

RT: 6.05 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

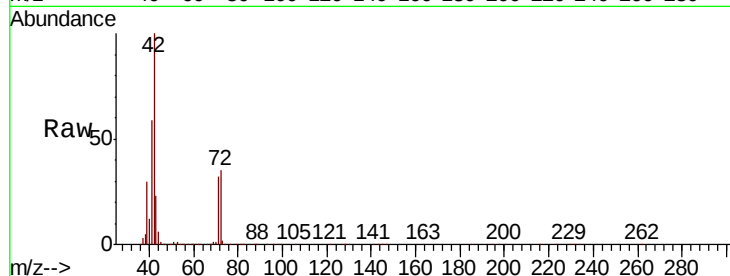
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 42 Resp: 1347200

Ion	Ratio	Lower	Upper
42	100		
72	36.1	29.5	44.3
71	34.6	29.1	43.7

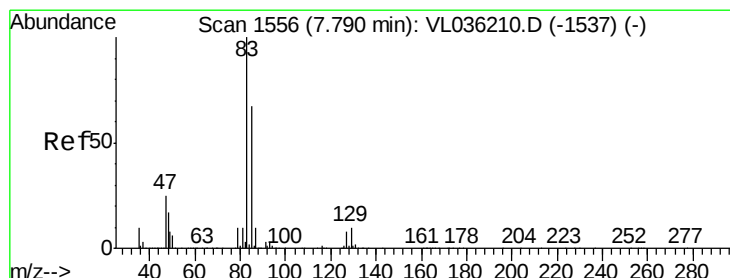
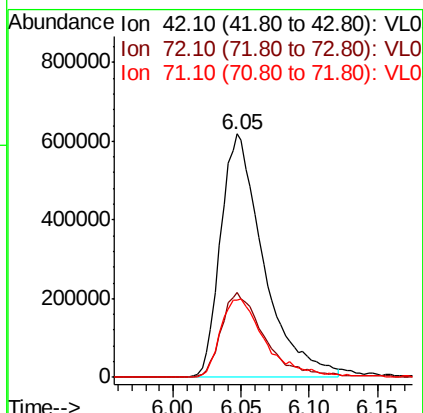
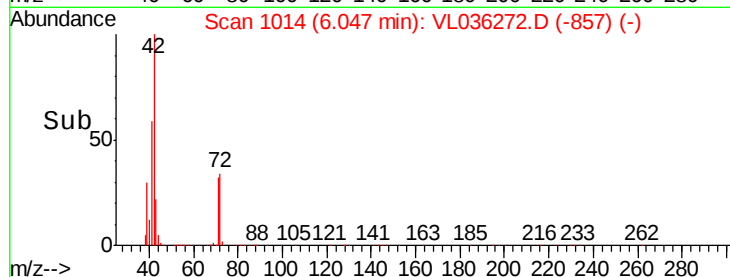


Abundance

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: 10.725 ppbv

RT: 7.79 min Scan# 1557

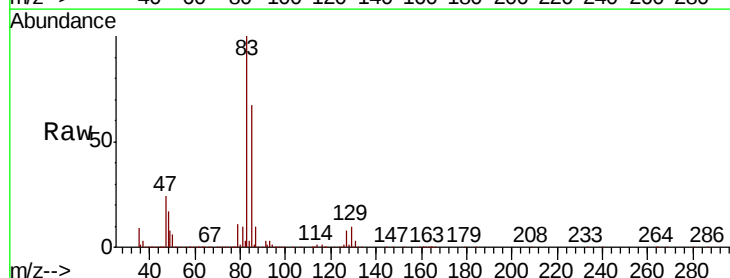
Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Tgt Ion: 83 Resp: 2439171

Ion	Ratio	Lower	Upper
83	100		
85	66.7	53.4	80.2
127	7.8	6.2	9.2

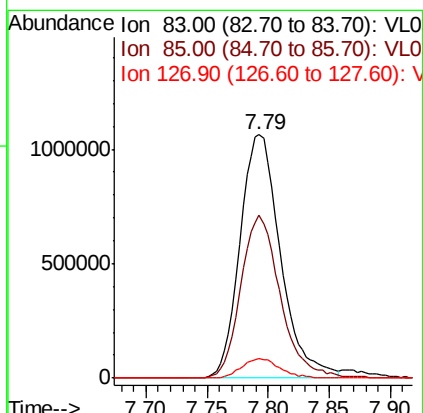
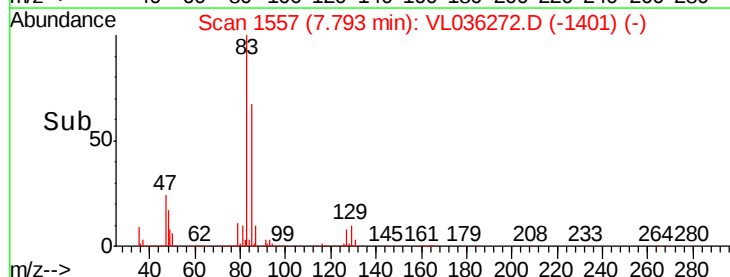


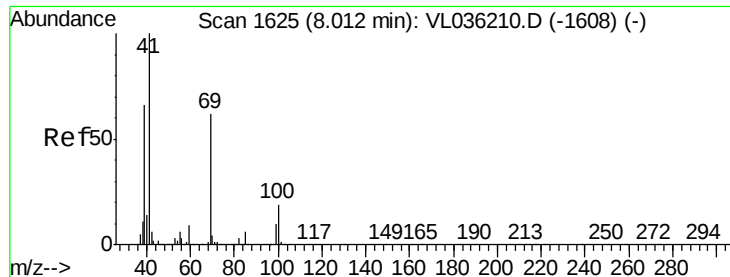
Abundance

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): VL0

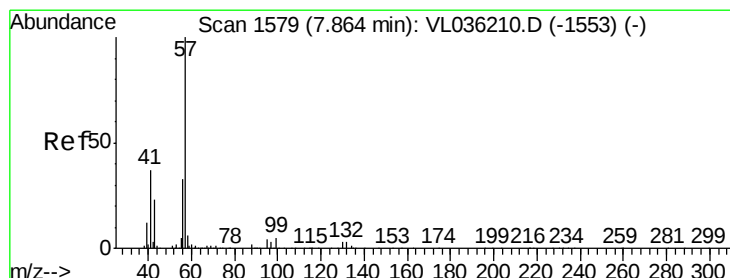
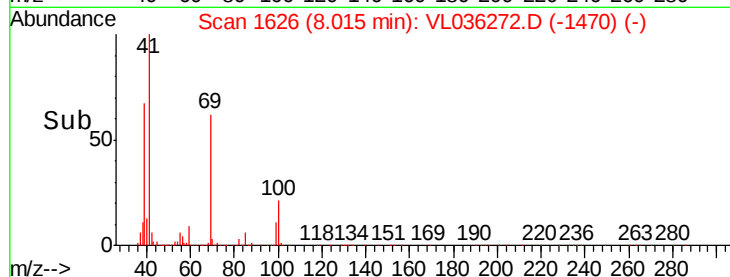
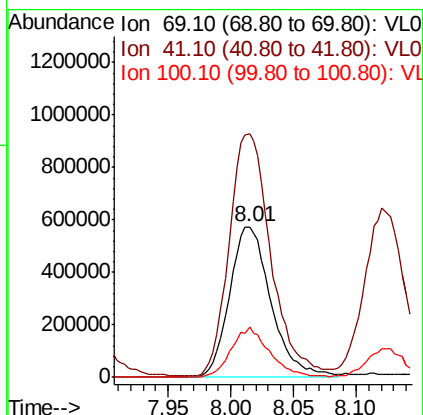
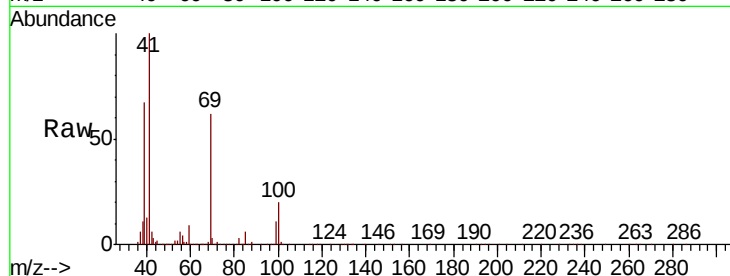




#43
Methvl Methacrilate
Concen: 10.316 ppbv
RT: 8.01 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

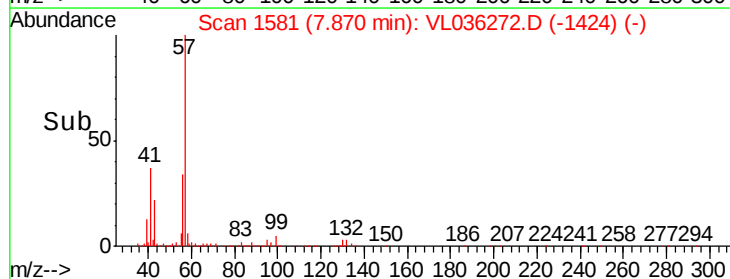
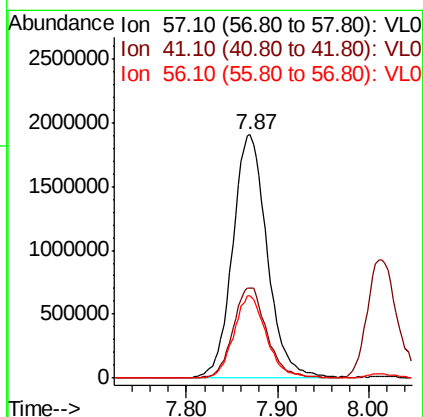
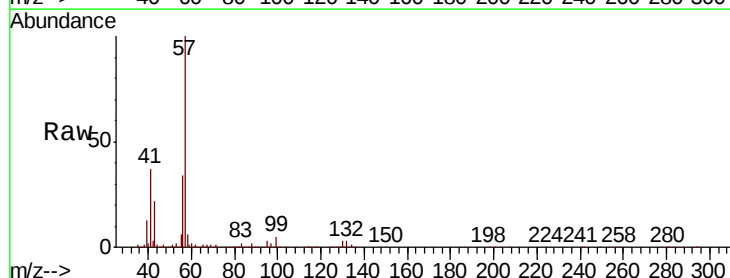
Instrument :
MSVOA_L
ClientSampleId :

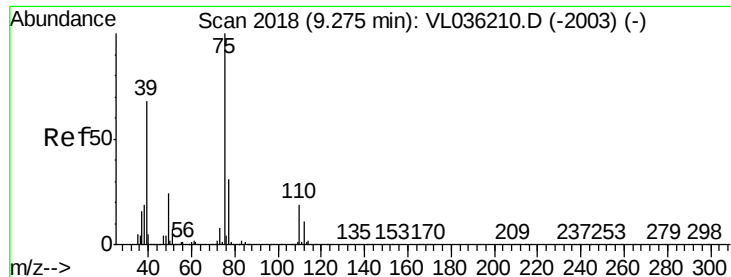
Tot Ion: 69 Resp: 1318293
Ion Ratio Lower Upper
69 100
41 163.1 133.4 200.2
100 30.6 24.3 36.5



#44
2,2,4-Trimethylpentane
Concen: 9.068 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion: 57 Resp: 5008320
Ion Ratio Lower Upper
57 100
41 36.3 28.5 42.7
56 32.2 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 11.923 ppbv

RT: 9.28 min Scan# 2019

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

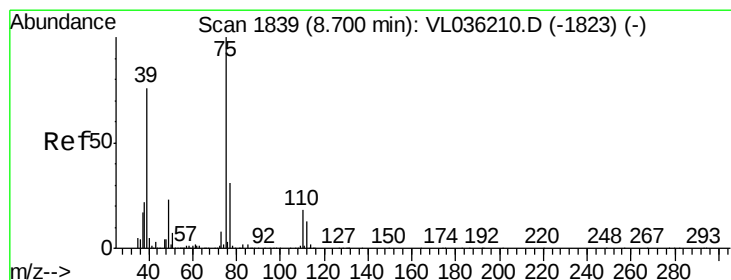
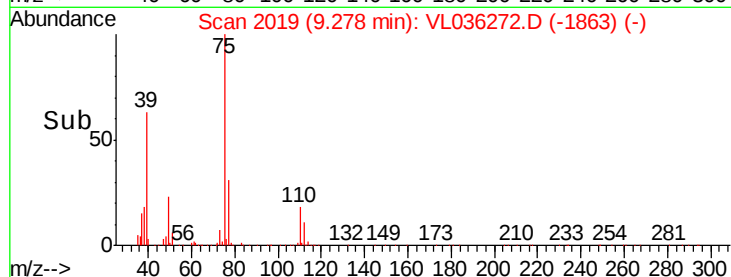
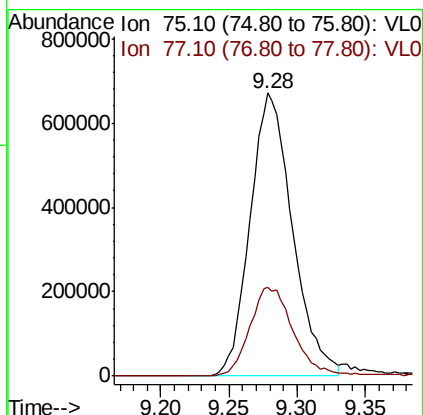
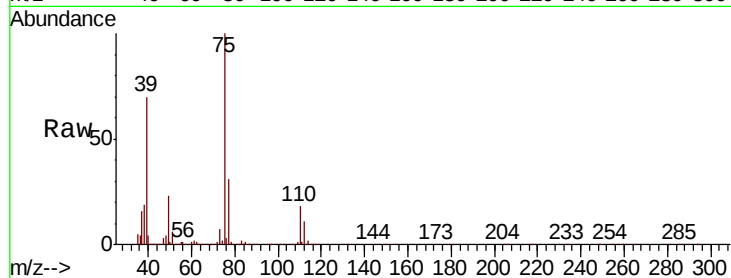
ClientSampleId :

Tot Ion: 75 Resp: 1447143

Ion Ratio Lower Upper

75 100

77 31.3 24.7 37.1



#46

cis-1,3-Dichloropropene

Concen: 11.273 ppbv

RT: 8.70 min Scan# 1840

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

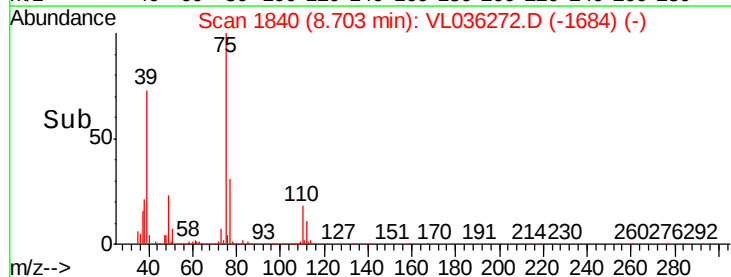
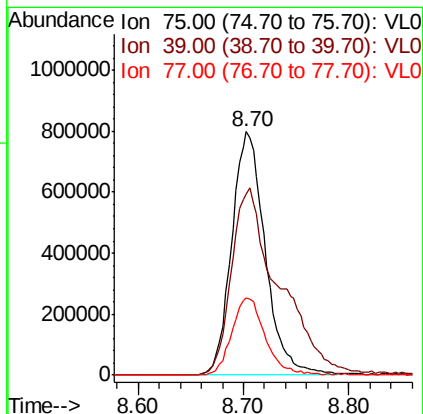
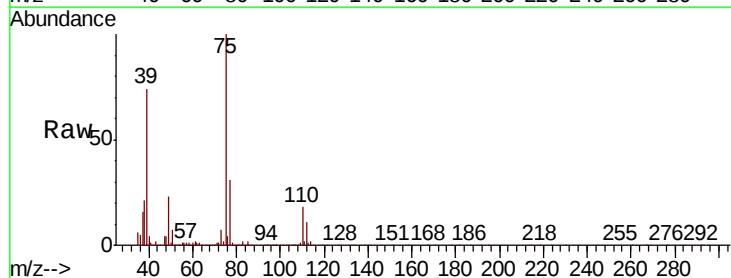
Tgt Ion: 75 Resp: 1758211

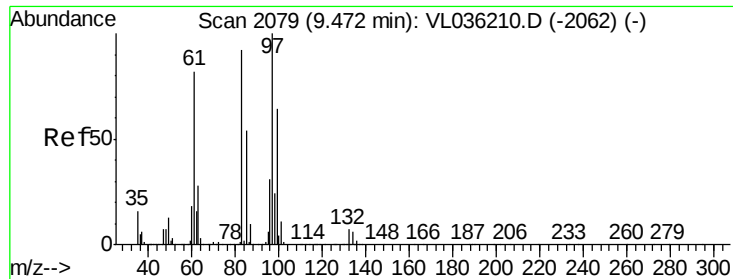
Ion Ratio Lower Upper

75 100

39 74.1 61.2 91.8

77 31.5 24.6 37.0



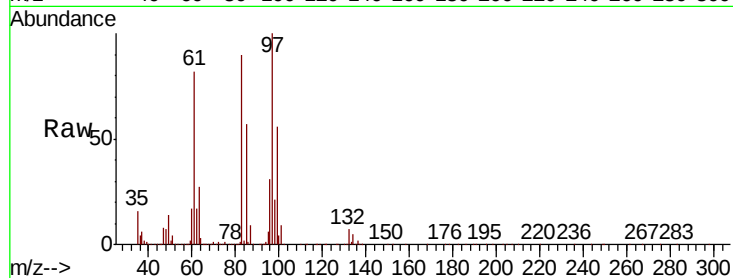


#47
 1,1,2-Trichloroethane
 Concen: 10.072 ppbv
 RT: 9.48 min Scan# 2081
 Delta R.T. 0.01 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 97 Resp: 1176432

Ion	Ratio	Lower	Upper
97	100		
83	89.5	73.3	109.9
85	57.2	43.2	64.8
99	56.1	51.5	77.3



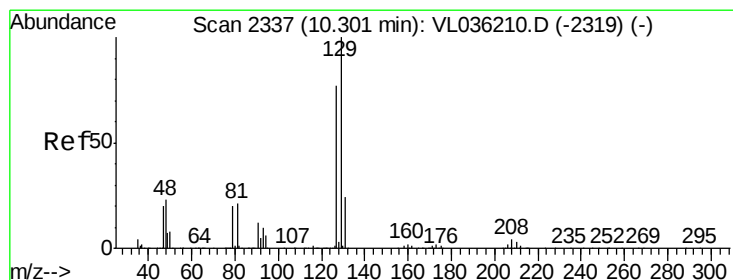
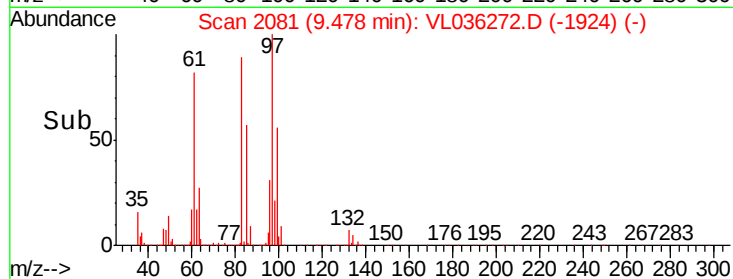
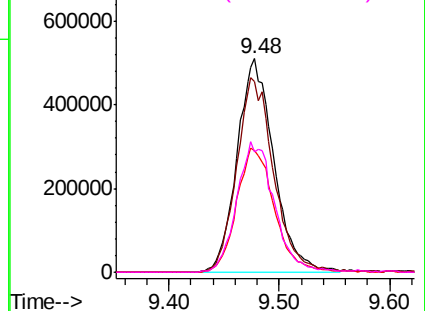
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

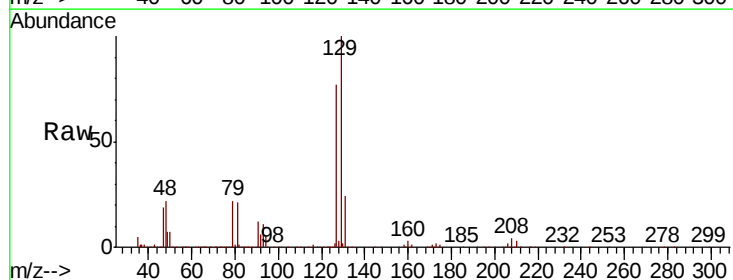
Ion 99.00 (98.70 to 99.70): VL0



#48
 Dibromochloromethane
 Concen: 11.172 ppbv
 RT: 10.31 min Scan# 2339
 Delta R.T. 0.01 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Tgt Ion: 129 Resp: 1909125

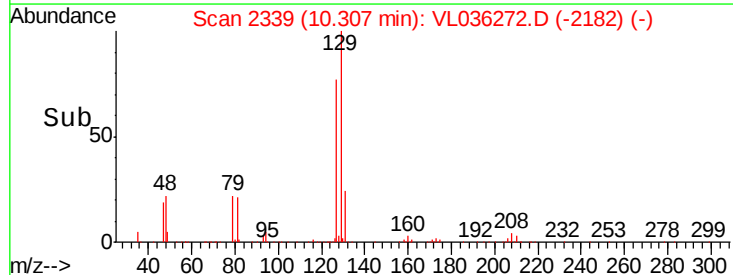
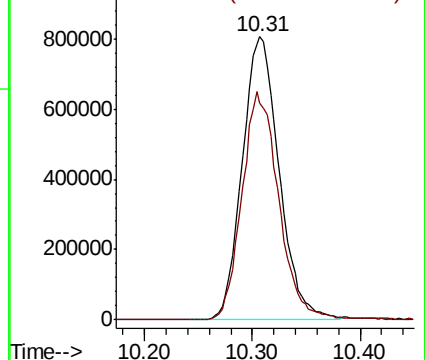
Ion	Ratio	Lower	Upper
129	100		
127	80.6	39.6	118.8

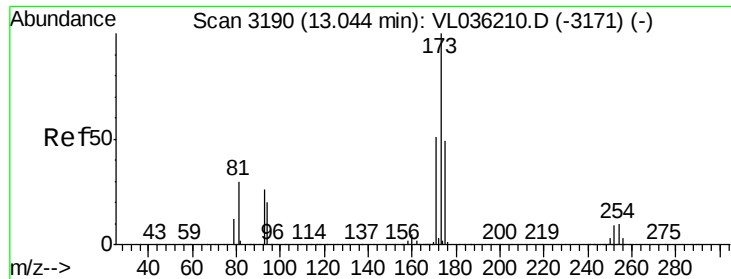


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 11.233 ppbv

RT: 13.05 min Scan# 3191

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

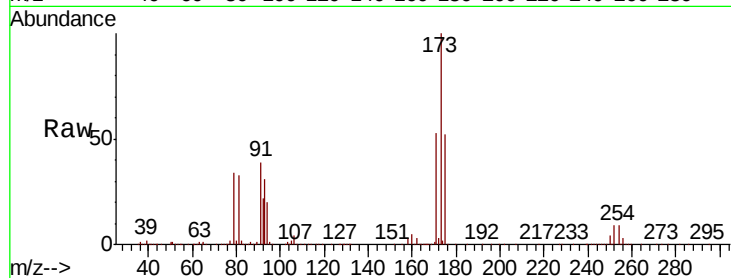
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:173 Resp: 1602239

Ion	Ratio	Lower	Upper
173	100		
175	50.5	40.7	61.1
171	53.0	43.0	64.6

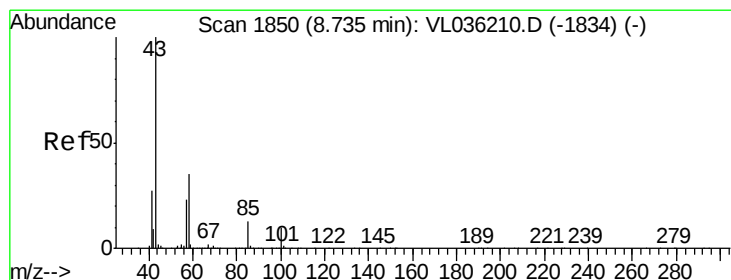
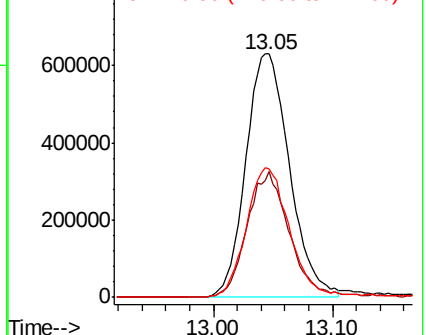
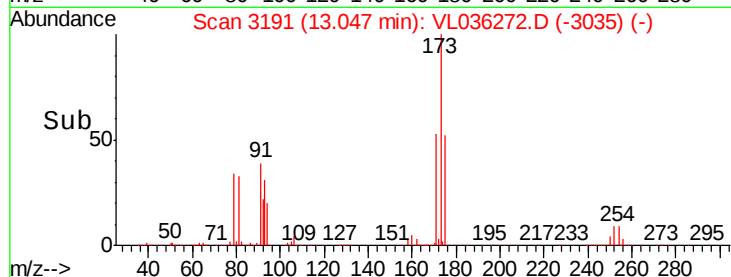


Abundance

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: 9.721 ppbv

RT: 8.74 min Scan# 1852

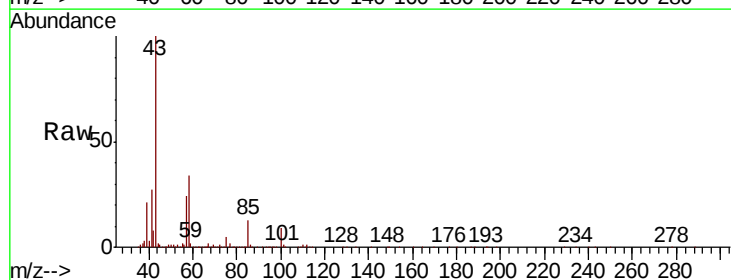
Delta R.T. 0.01 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Tgt Ion: 43 Resp: 3502807

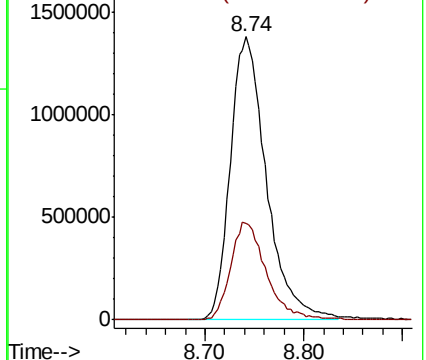
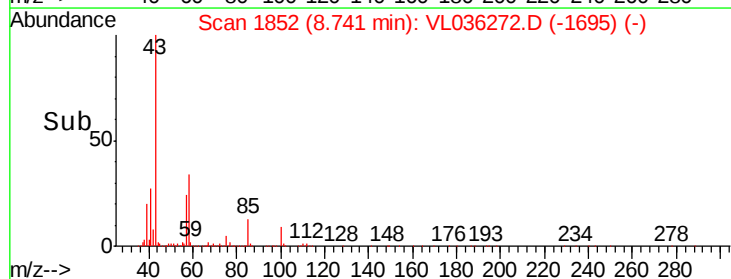
Ion	Ratio	Lower	Upper
43	100		
58	34.3	27.6	41.4

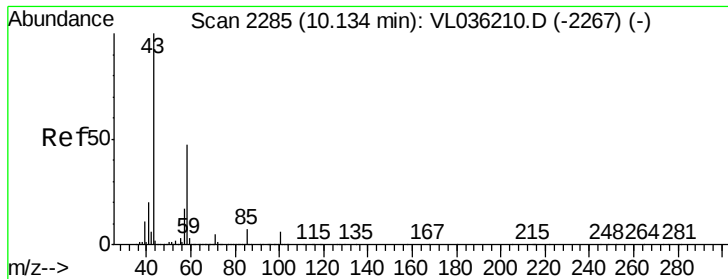


Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 10.131 ppbv

RT: 10.14 min Scan# 2286

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

ClientSampleId :

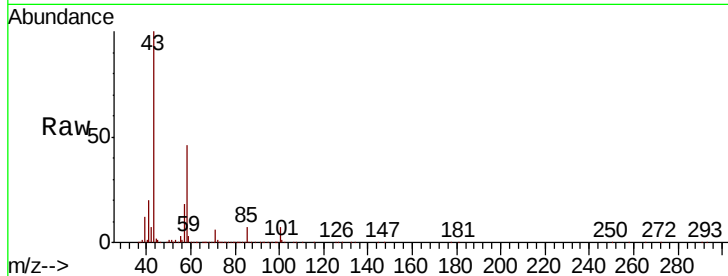
Tot Ion: 43 Resp: 2879920

Ion Ratio Lower Upper

43 100

58 47.6 37.4 56.0

98 0.2 0.2 0.2

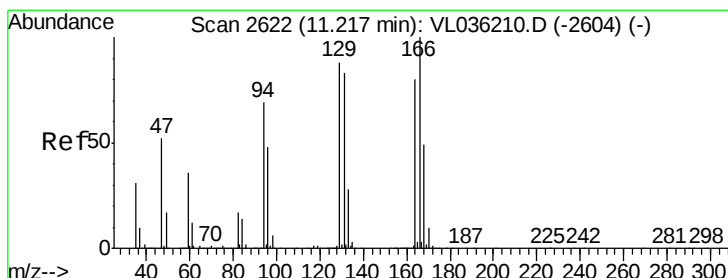
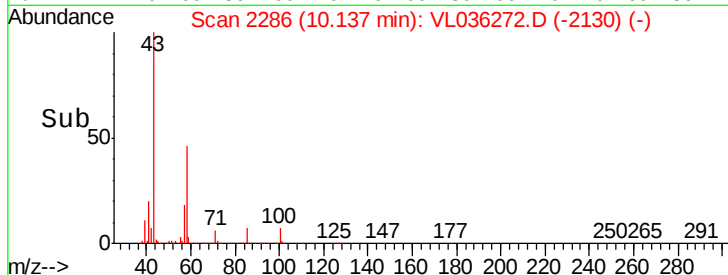
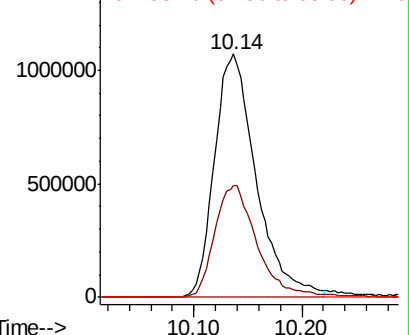


Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 8.704 ppbv

RT: 11.22 min Scan# 2624

Delta R.T. 0.01 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Tgt Ion: 164 Resp: 964424

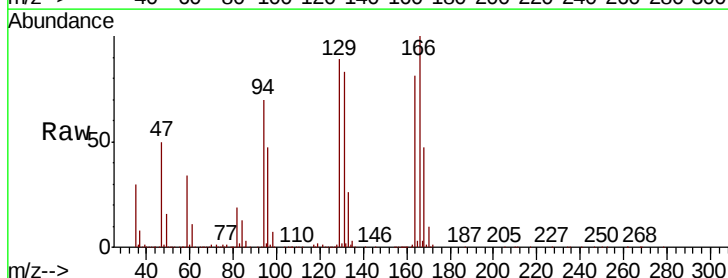
Ion Ratio Lower Upper

164 100

166 123.6 99.9 149.9

129 109.6 88.2 132.4

131 102.7 83.0 124.6



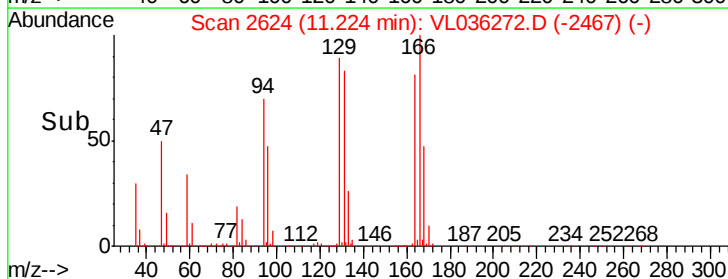
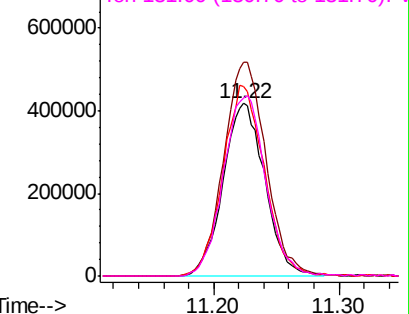
Abundance

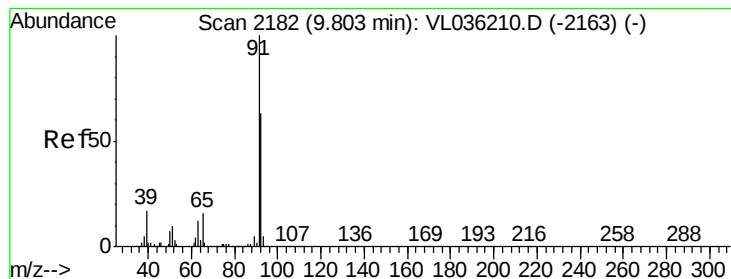
Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 9.838 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

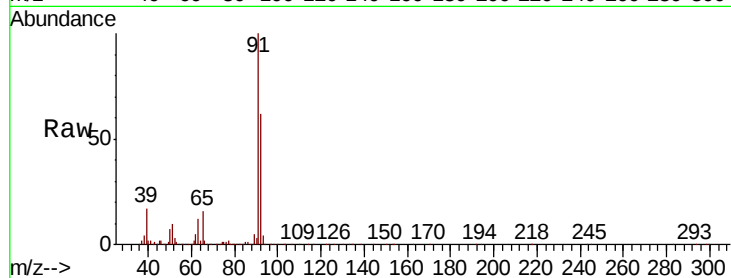
ClientSampleId :

Tot Ion: 91 Resp: 3309199

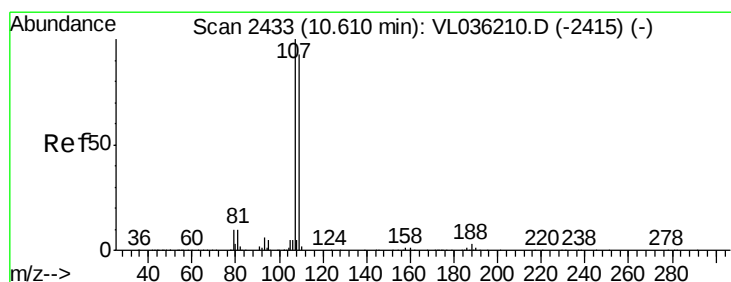
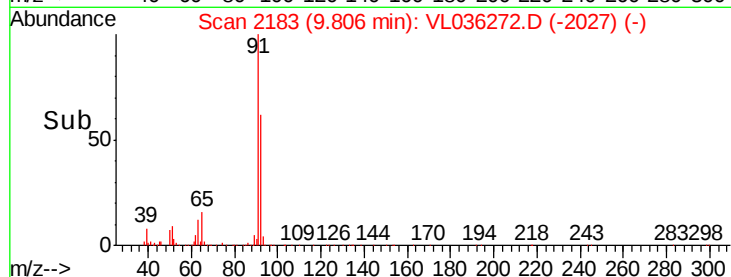
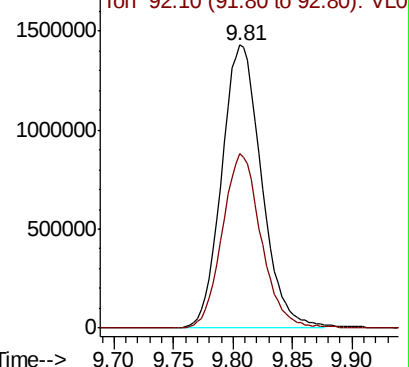
Ion Ratio Lower Upper

91 100

92 60.6 48.5 72.7



Abundance Ion 91.10 (90.80 to 91.80): VL0



#54

1,2-Dibromoethane

Concen: 10.006 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. -0.00 min

Lab File: VL036272.D

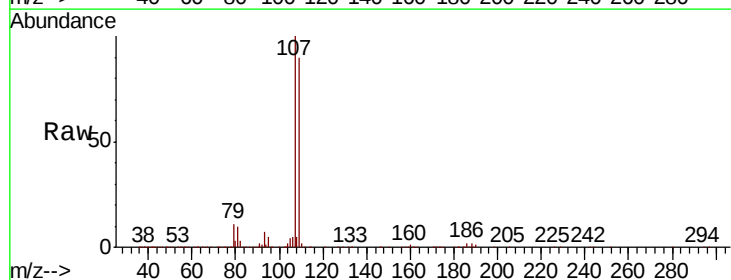
Acq: 28 Jan 2021 13:30

Tgt Ion: 107 Resp: 1732388

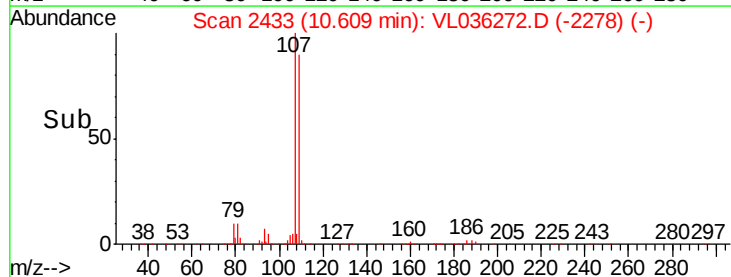
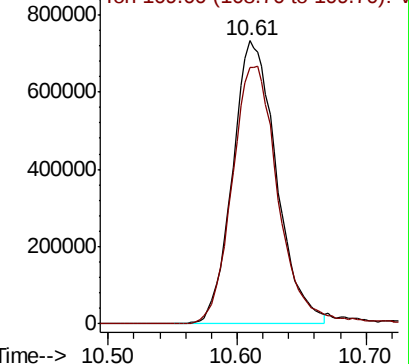
Ion Ratio Lower Upper

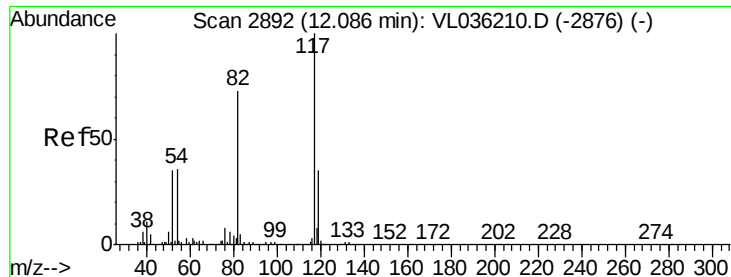
107 100

109 90.4 74.5 111.7



Abundance Ion 107.00 (106.70 to 107.70): V

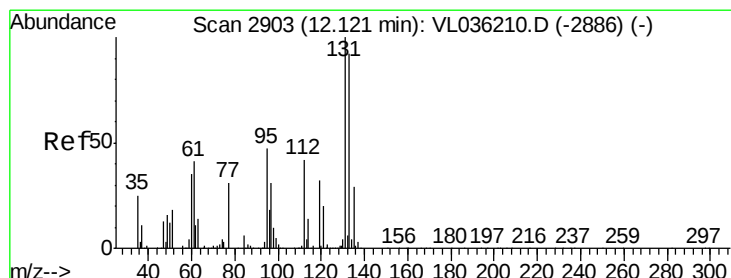
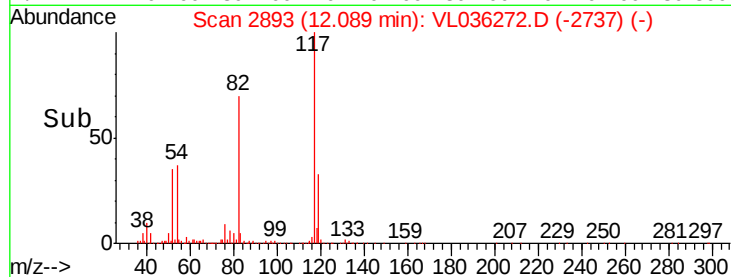
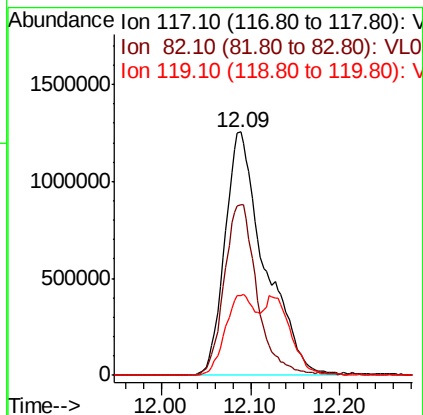
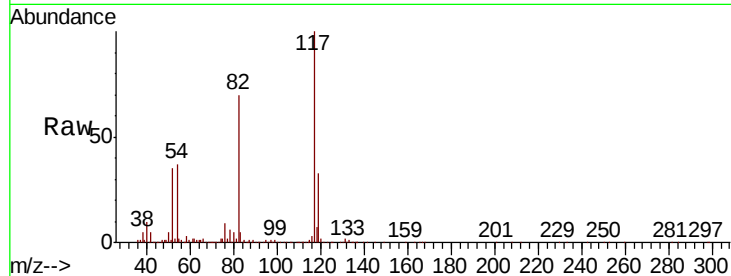




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

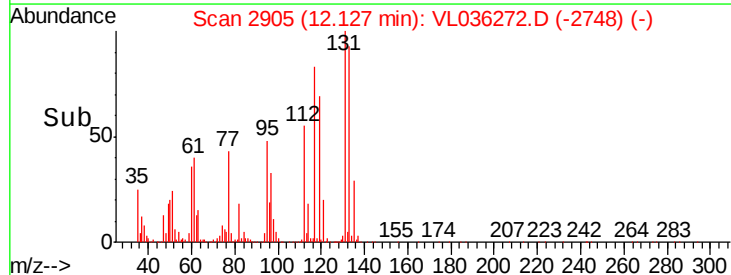
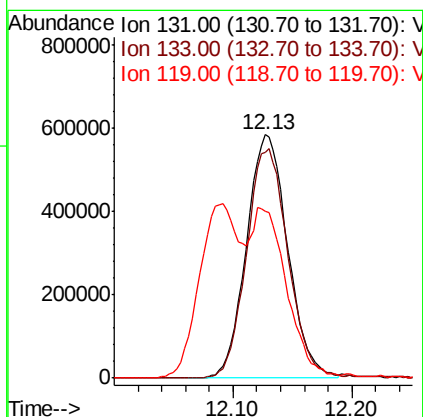
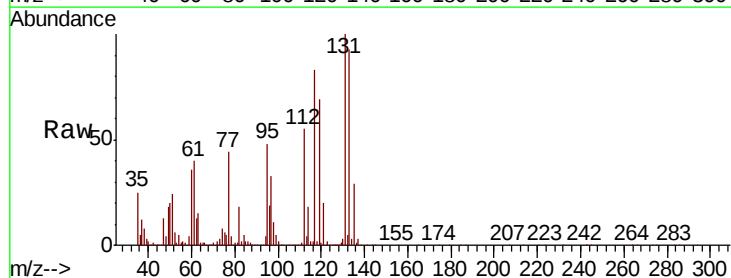
Instrument :
MSVOA_L
ClientSampleId :

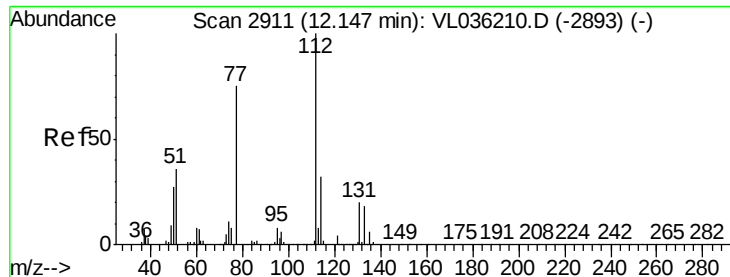
Tot Ion:117 Resp: 3883572
Ion Ratio Lower Upper
117 100
82 58.1 59.7 89.5#
119 26.1 28.6 43.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.089 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.01 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion:131 Resp: 1401886
Ion Ratio Lower Upper
131 100
133 95.8 76.5 114.7
119 70.6 45.4 68.0#

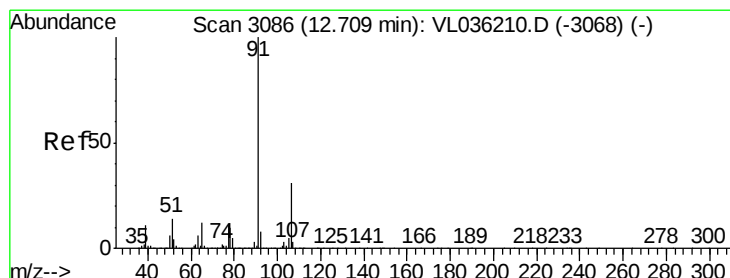
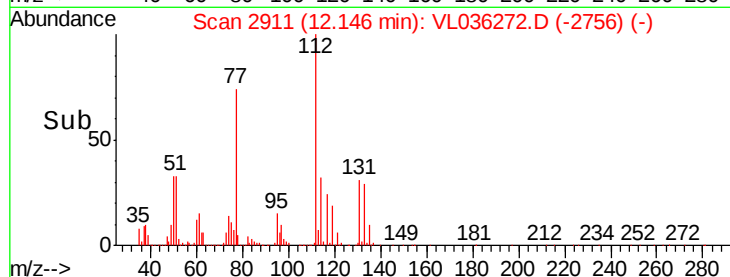
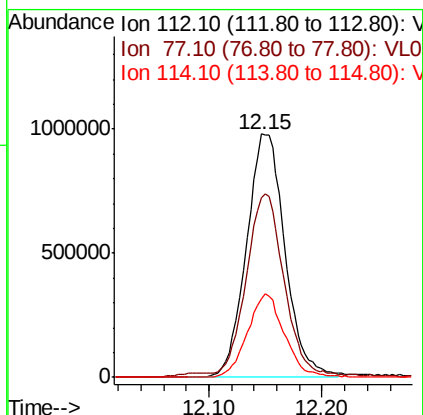
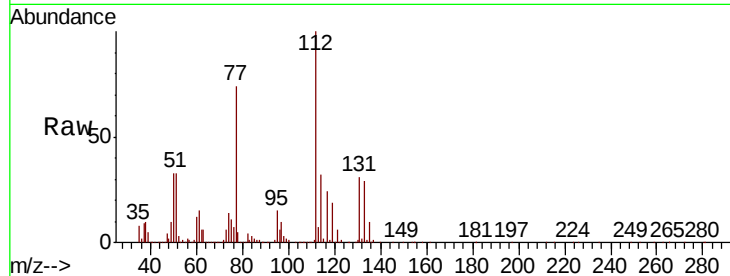




#57
Chlorobenzene
Concen: 7.612 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

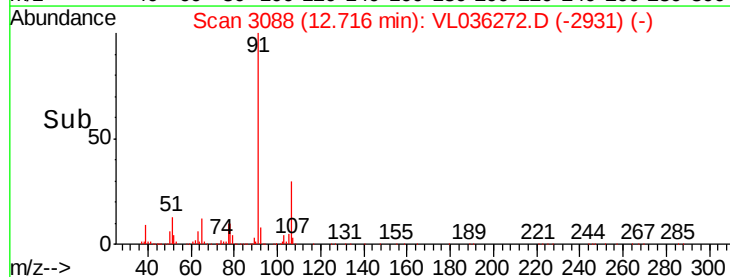
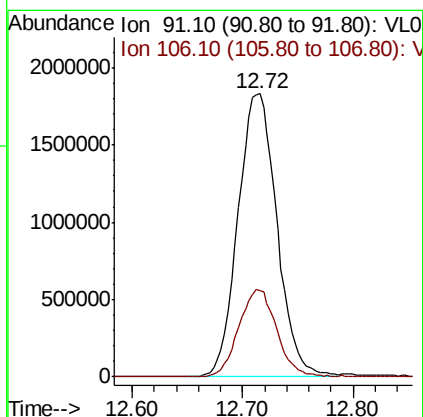
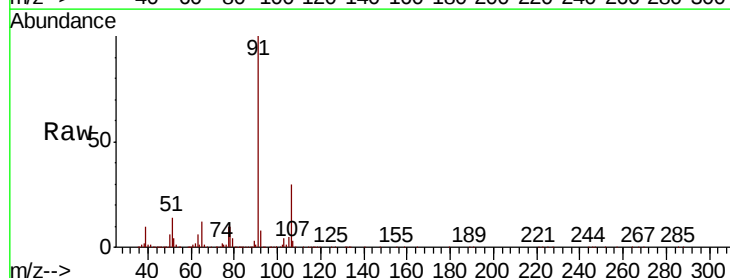
Instrument :
MSVOA_L
ClientSampleId :

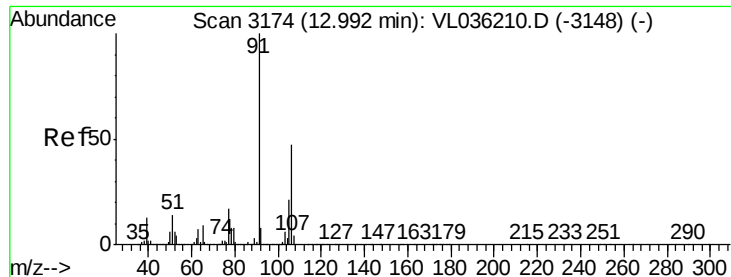
Tot Ion:112 Resp: 2319378
Ion Ratio Lower Upper
112 100
77 72.2 59.6 89.4
114 32.3 28.7 35.1



#58
Ethyl Benzene
Concen: 7.778 ppbv
RT: 12.72 min Scan# 3088
Delta R.T. 0.01 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion: 91 Resp: 4482351
Ion Ratio Lower Upper
91 100
106 30.4 24.8 37.2

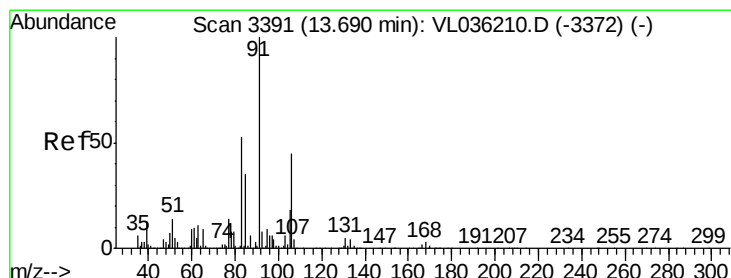
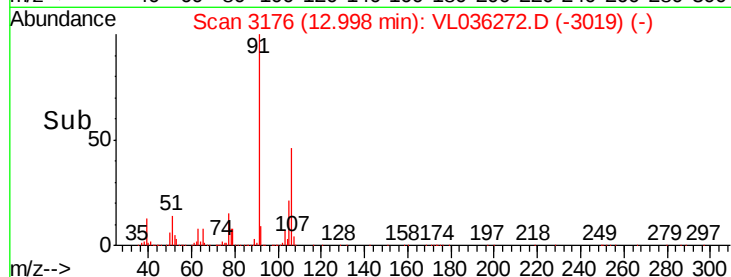
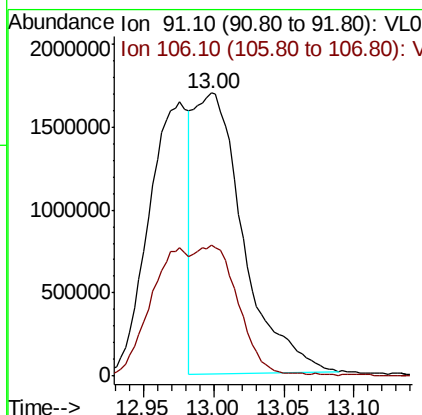
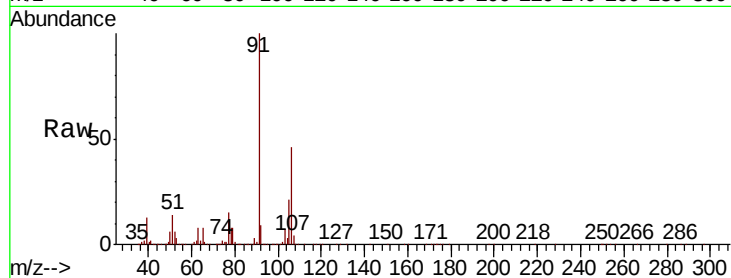




#59
m/p-Xylene
Concen: 8.291 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. 0.01 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

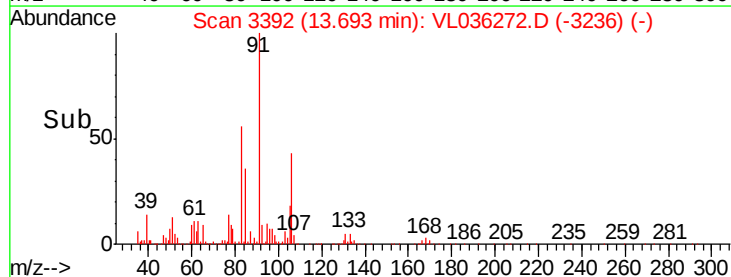
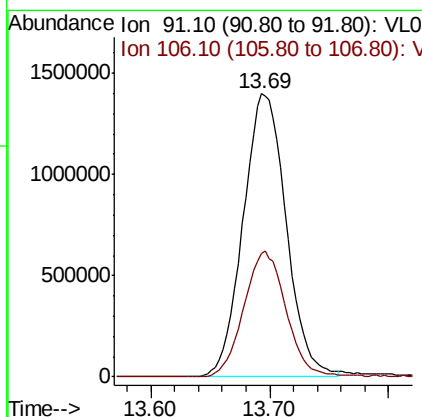
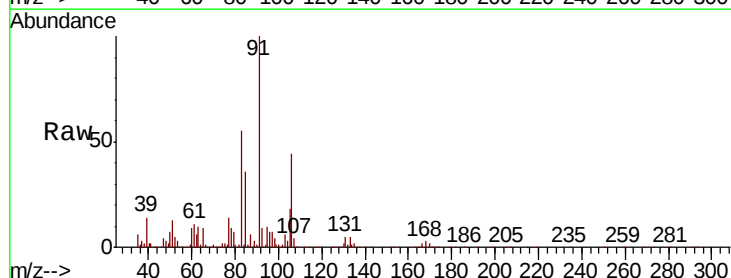
Instrument :
MSVOA_L
ClientSampleId :

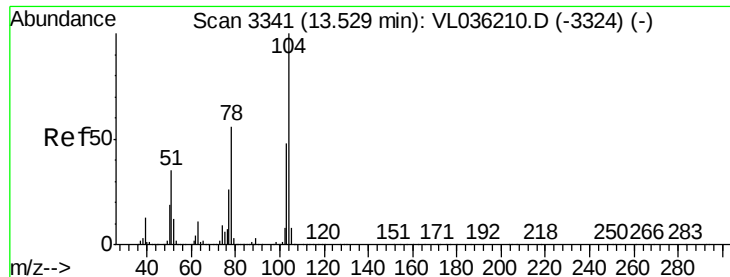
Tot Ion: 91 Resp: 4105447
Ion Ratio Lower Upper
91 100
106 78.6 34.6 51.8#



#60
o-Xylene
Concen: 7.326 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion: 91 Resp: 3497024
Ion Ratio Lower Upper
91 100
106 44.0 21.9 65.8

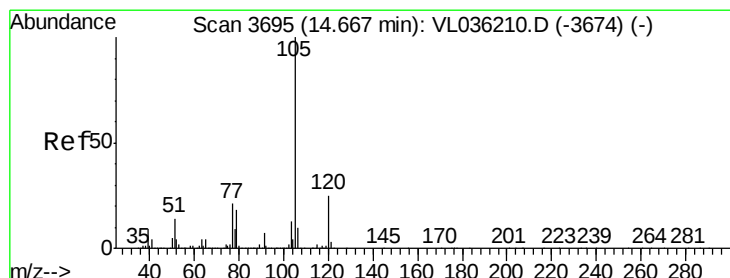
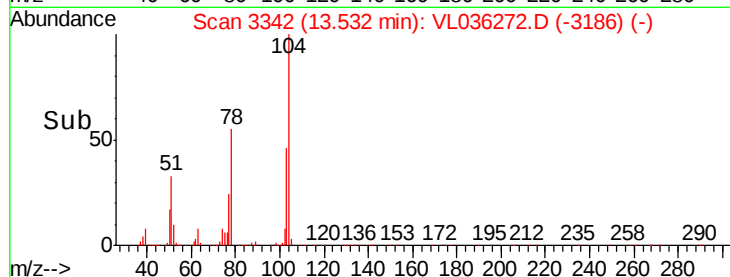
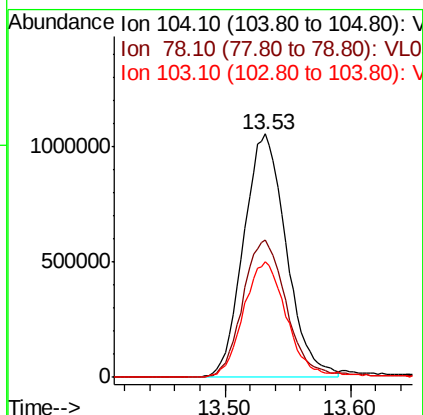
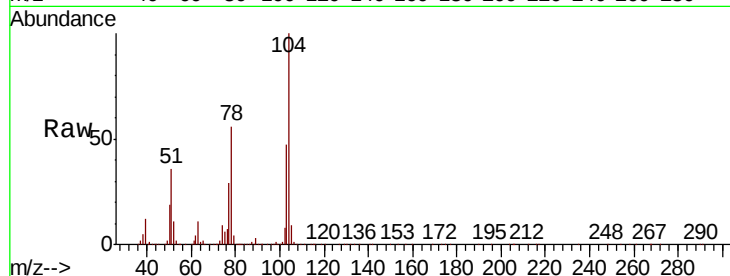




#61
Stvrene
Concen: 8.287 ppbv
RT: 13.53 min Scan# 3342
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

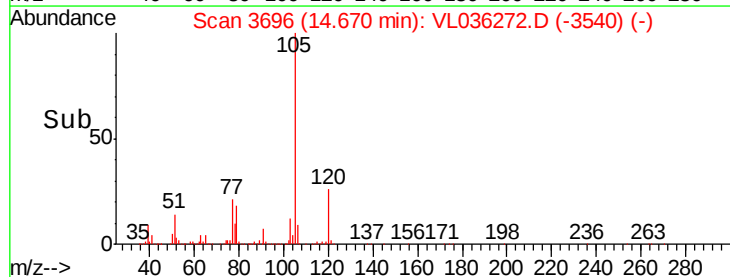
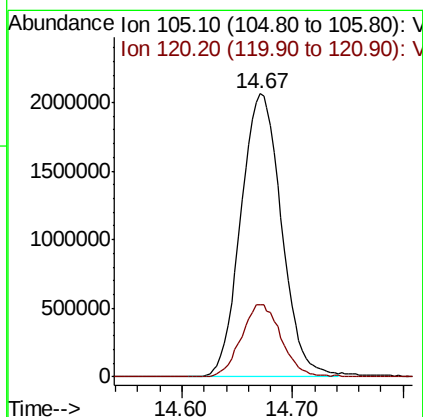
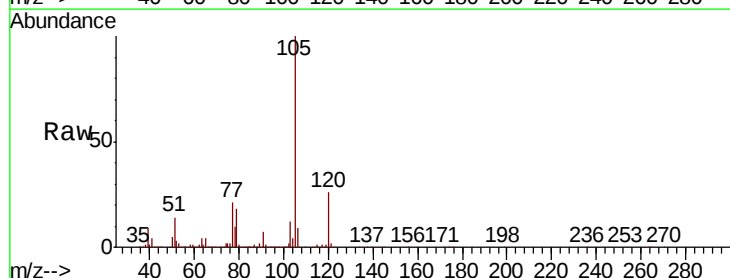
Instrument :
MSVOA_L
ClientSampled :

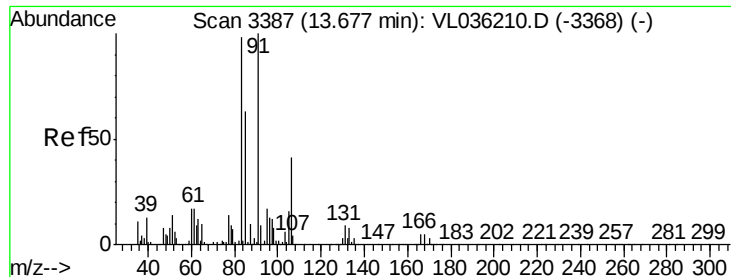
Tot Ion:104 Resp: 2497856
Ion Ratio Lower Upper
104 100
78 58.2 46.8 70.2
103 48.6 38.4 57.6



#62
Isopropylbenzene
Concen: 7.432 ppbv
RT: 14.67 min Scan# 3696
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion:105 Resp: 5274072
Ion Ratio Lower Upper
105 100
120 25.5 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 6.990 ppbv

RT: 13.68 min Scan# 3389

Delta R.T. 0.01 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

ClientSampleId :

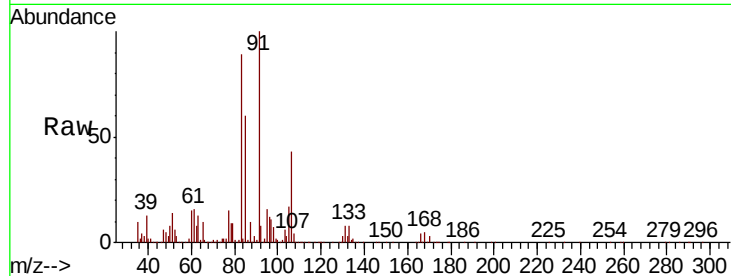
Tot Ion: 83 Resp: 2484468

Ion Ratio Lower Upper

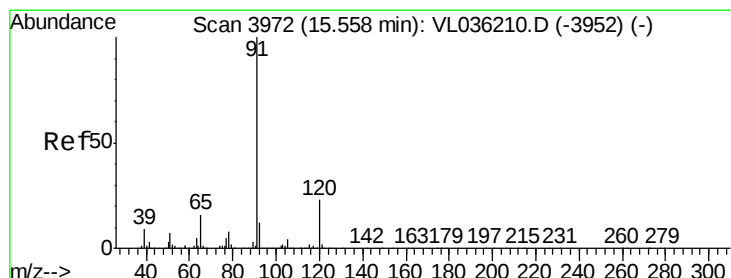
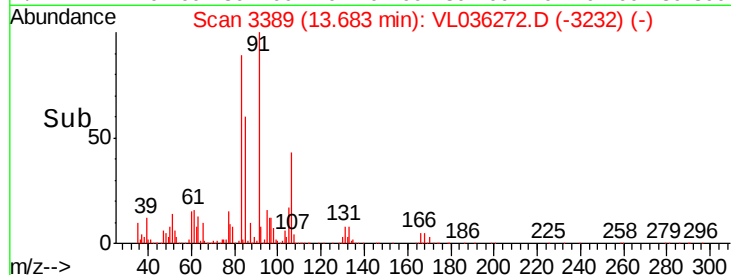
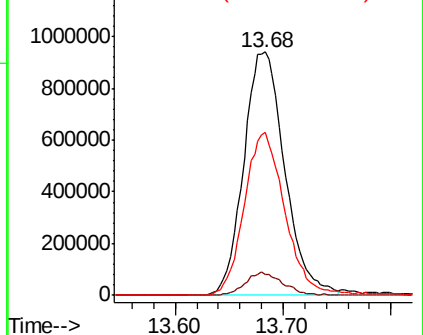
83 100

131 8.9 4.5 13.5

85 67.1 33.1 99.3



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 131.00 (130.70 to 131.70): V
Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 7.758 ppbv

RT: 15.56 min Scan# 3974

Delta R.T. 0.01 min

Lab File: VL036272.D

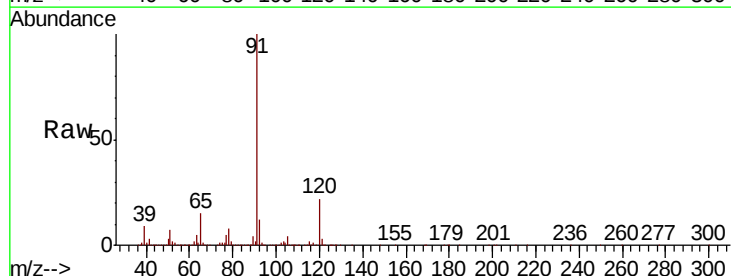
Acq: 28 Jan 2021 13:30

Tgt Ion:120 Resp: 1352777

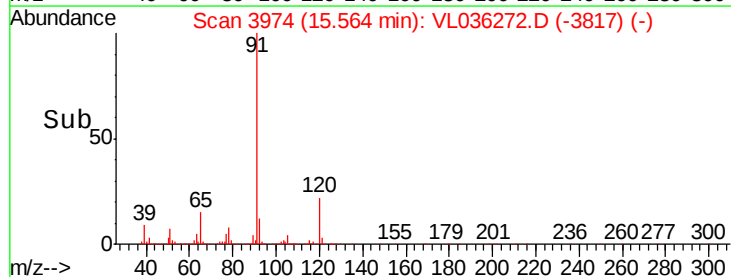
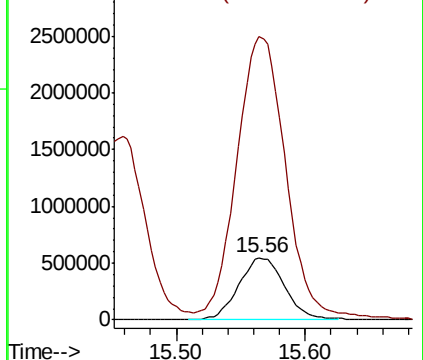
Ion Ratio Lower Upper

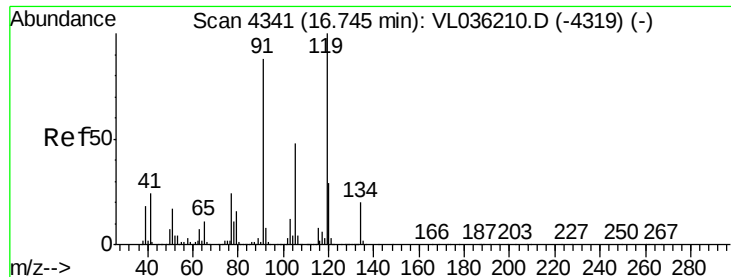
120 100

91 489.6 391.8 587.6



Abundance Ion 120.20 (119.90 to 120.90): V
Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 7.409 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. 0.01 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

ClientSampleId :

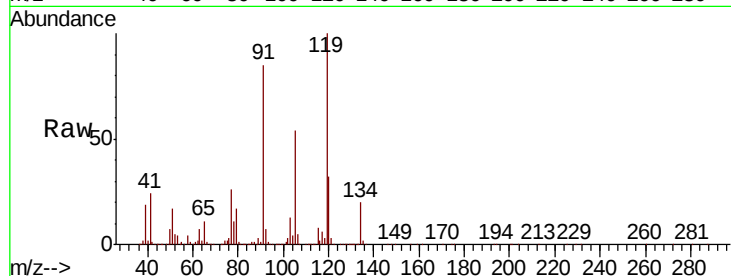
Tot Ion:119 Resp: 4455692

Ion Ratio Lower Upper

119 100

91 88.7 71.0 106.6

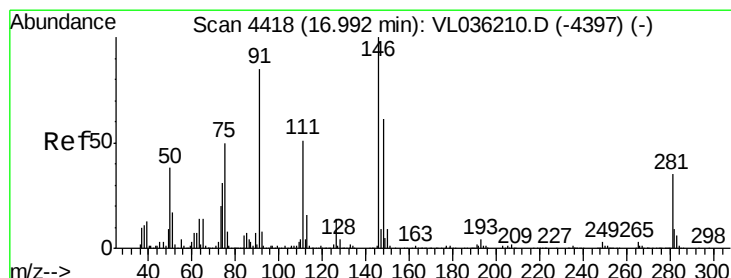
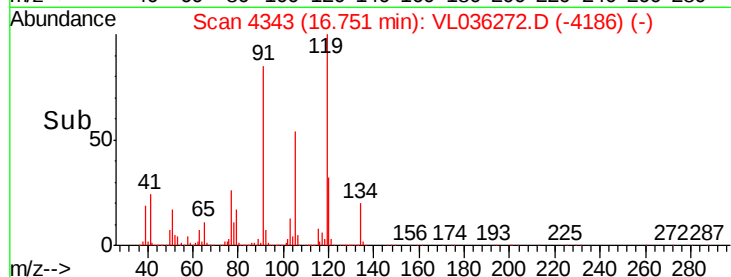
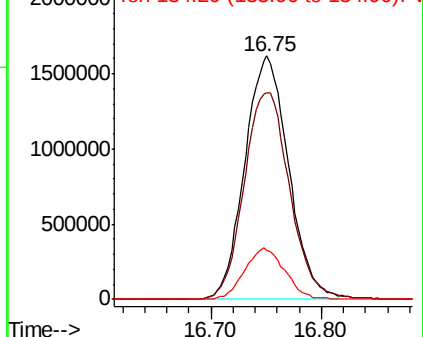
134 19.5 15.8 23.6



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: 10.885 ppbv

RT: 17.00 min Scan# 4419

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

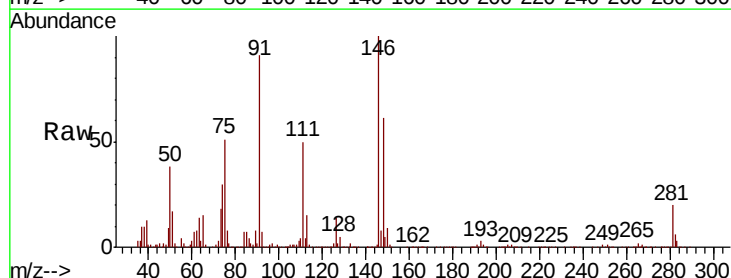
Tgt Ion: 91 Resp: 1672381

Ion Ratio Lower Upper

91 100

126 16.0 12.6 19.0

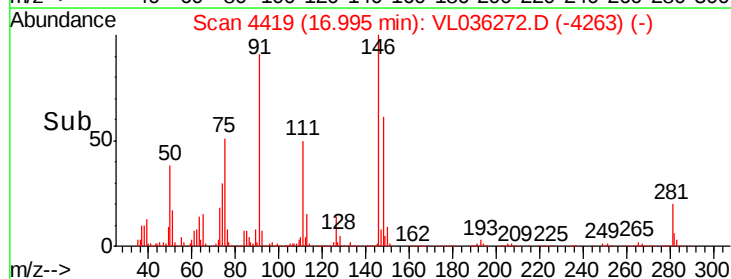
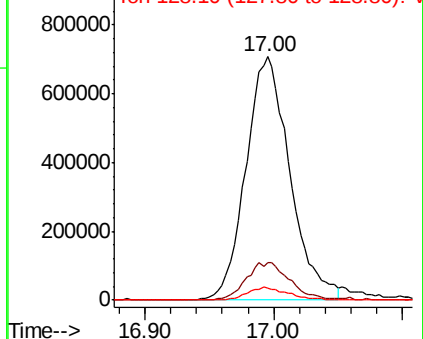
128 5.2 3.8 5.6

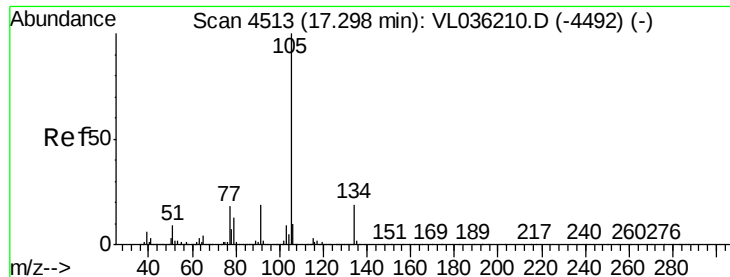


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V

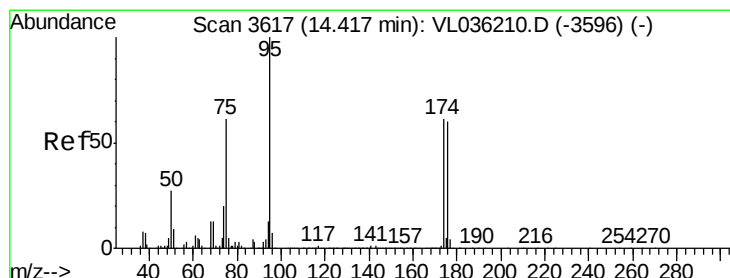
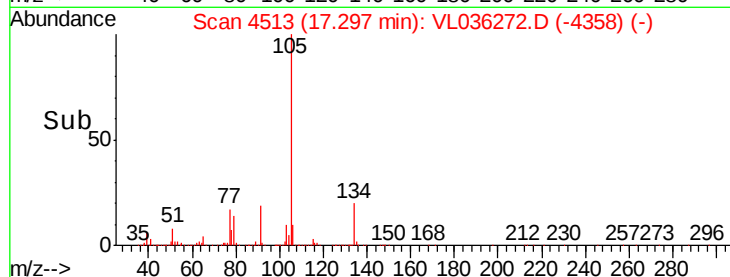
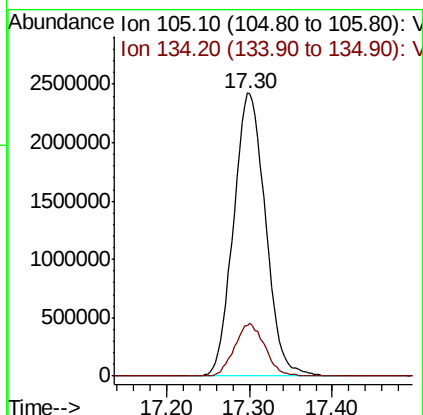
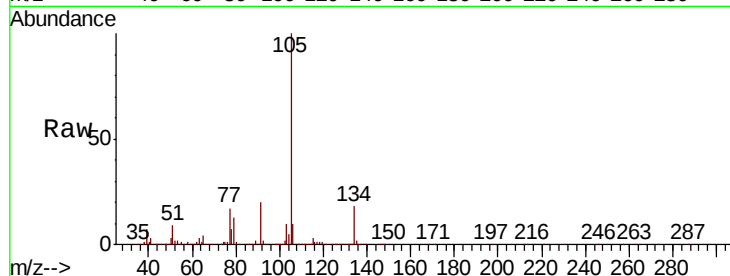




#67
 sec-Butylbenzene
 Concen: 7.263 ppbv
 RT: 17.30 min Scan# 4513
 Delta R.T. -0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

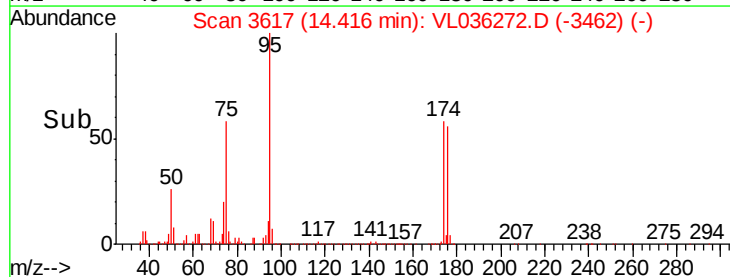
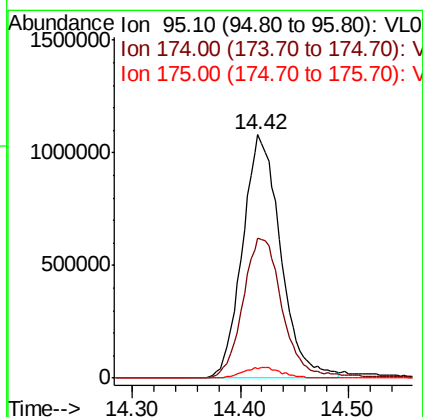
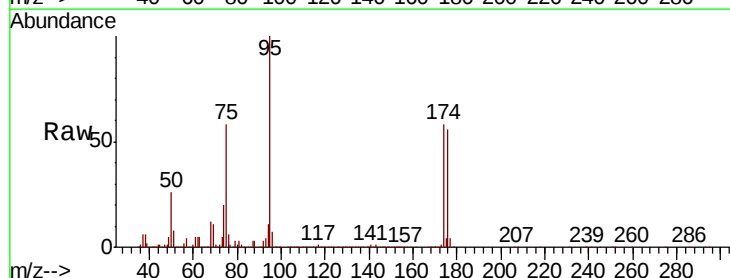
Instrument :
 MSVOA_L
 ClientSampleId :

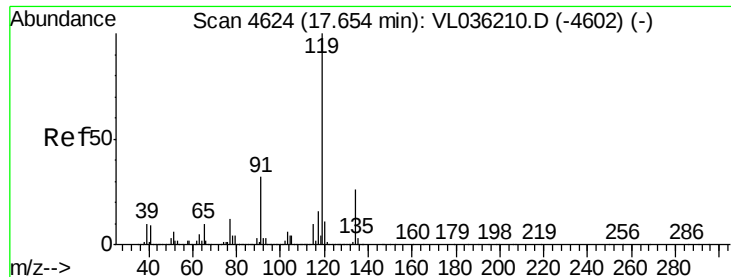
Tot Ion:105 Resp: 6483774
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.249 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. -0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Tgt Ion: 95 Resp: 2651645
 Ion Ratio Lower Upper
 95 100
 174 60.9 49.4 74.0
 175 4.7 3.8 5.8

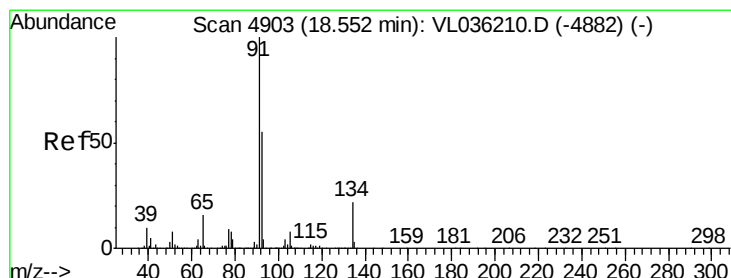
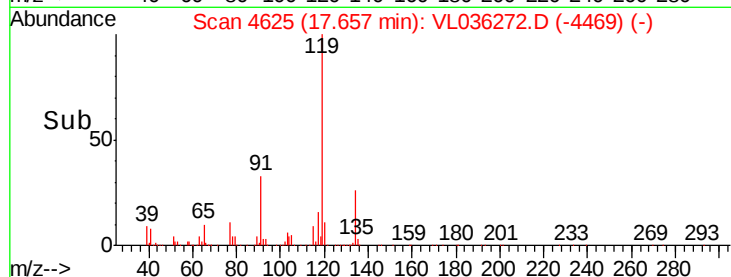
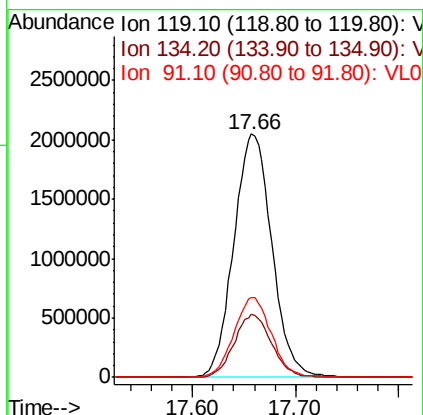
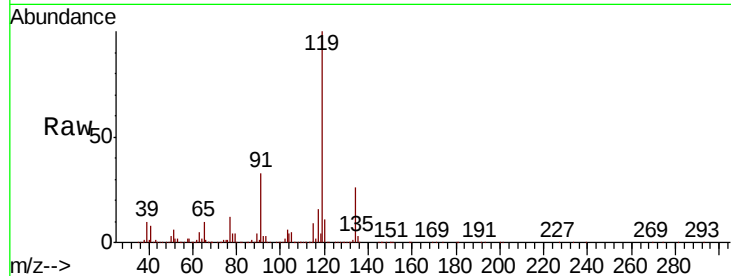




#69
 p-Isopropyltoluene
 Concen: 7.417 ppbv
 RT: 17.66 min Scan# 4625
 Delta R.T. 0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

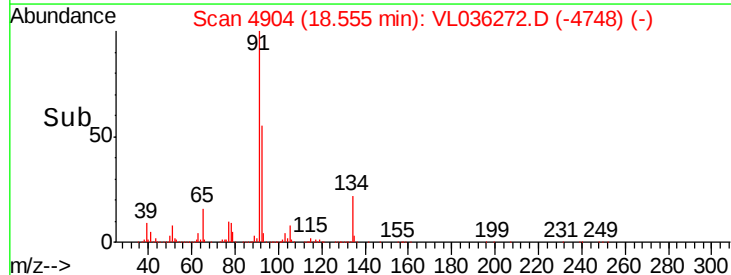
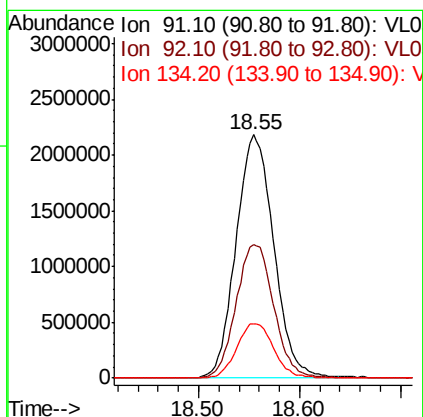
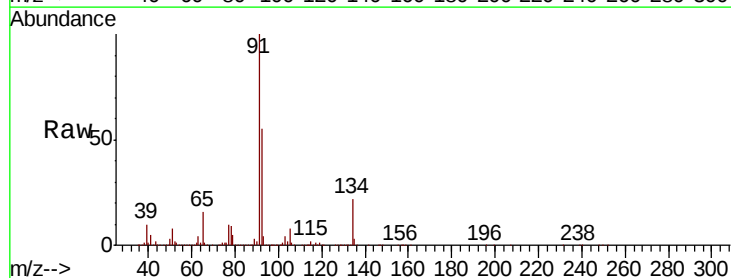
Instrument :
 MSVOA_L
 ClientSampled :

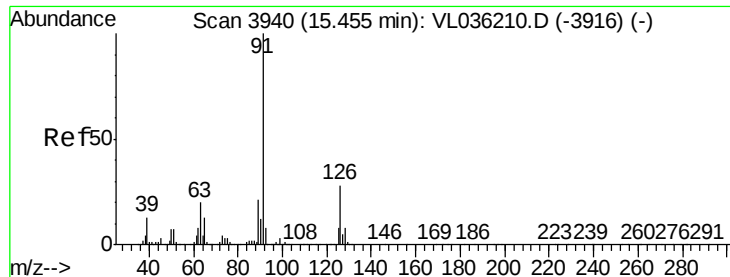
Tot Ion:119 Resp: 5251024
 Ion Ratio Lower Upper
 119 100
 134 25.4 20.2 30.4
 91 32.3 26.0 39.0



#70
 n-Butylbenzene
 Concen: 7.496 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T. 0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Tgt Ion: 91 Resp: 5654613
 Ion Ratio Lower Upper
 91 100
 92 55.3 44.0 66.0
 134 22.1 17.0 25.4





#71

2-Chlorotoluene

Concen: 7.455 ppbv

RT: 15.46 min Scan# 3941

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

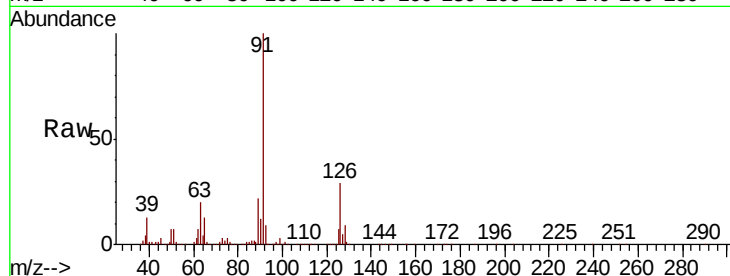
ClientSampled :

Tot Ion: 91 Resp: 4158591

Ion Ratio Lower Upper

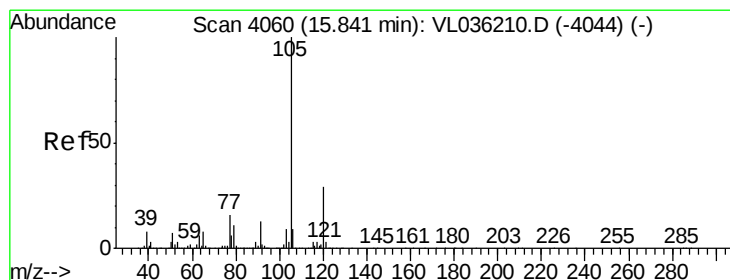
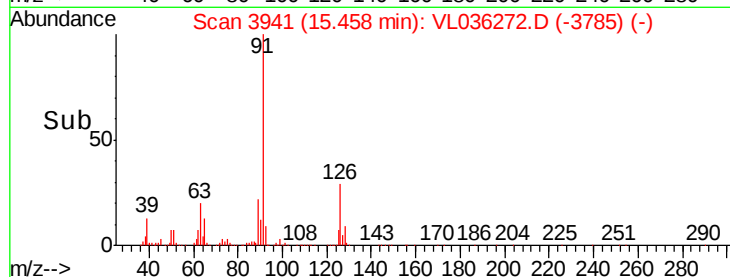
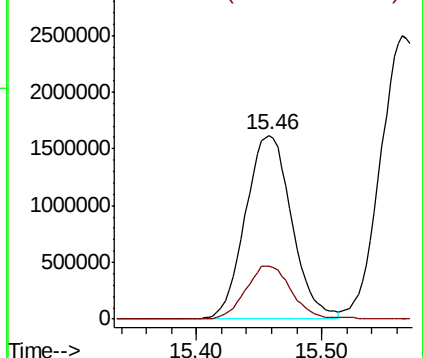
91 100

126 28.9 11.5 45.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 7.481 ppbv

RT: 15.84 min Scan# 4061

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Tgt Ion:105 Resp: 4029864

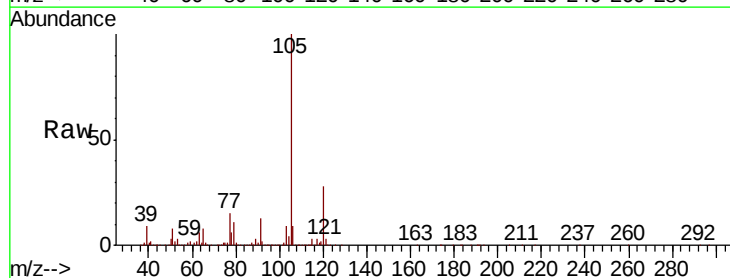
Ion Ratio Lower Upper

105 100

120 30.1 23.7 35.5

91 14.1 11.9 17.9

77 16.0 12.6 18.8

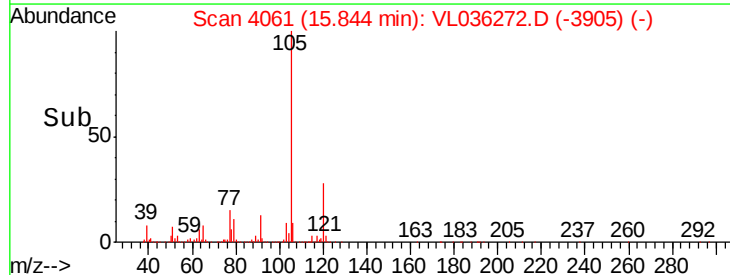
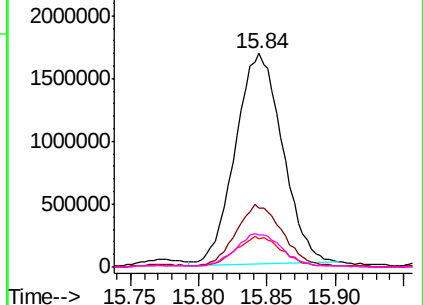


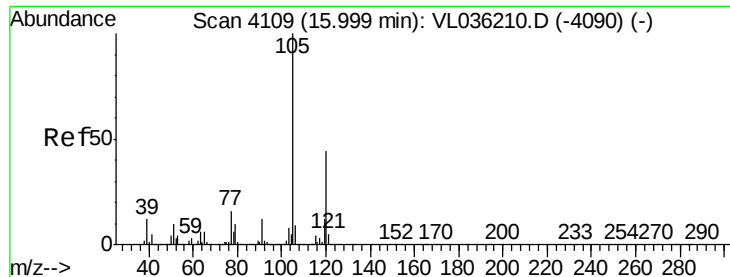
Abundance Ion 105.10 (104.80 to 105.80): V

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





#73

1,3,5-Trimethylbenzene

Concen: 7.584 ppbv

RT: 16.00 min Scan# 4110

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

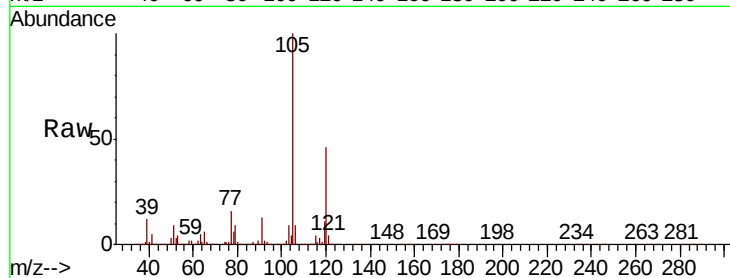
ClientSampleId :

Tot Ion:105 Resp: 3894248

Ion Ratio Lower Upper

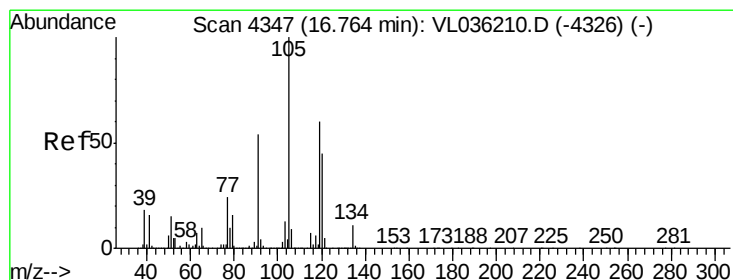
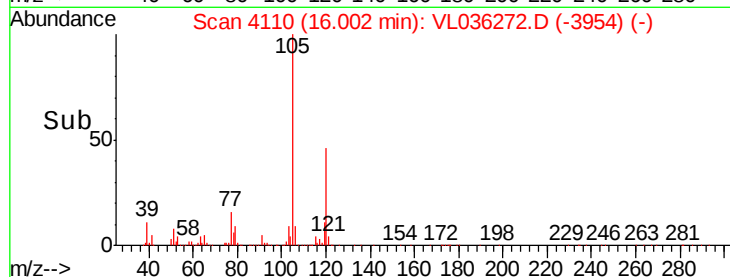
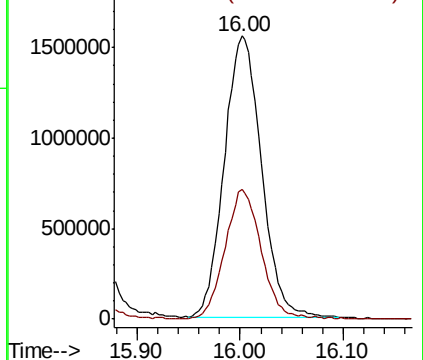
105 100

120 45.7 35.5 53.3



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: 7.514 ppbv

RT: 16.77 min Scan# 4348

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Tgt Ion:105 Resp: 3957404

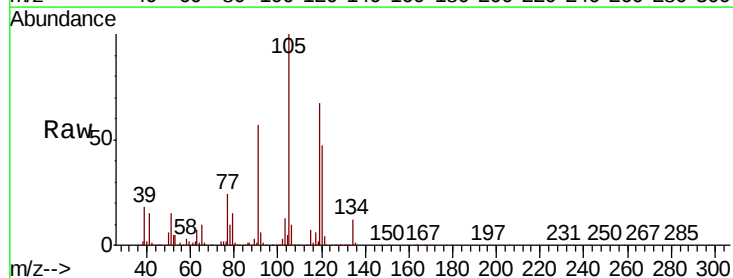
Ion Ratio Lower Upper

105 100

120 46.8 36.2 54.2

91 56.8 43.3 64.9

77 23.8 19.1 28.7

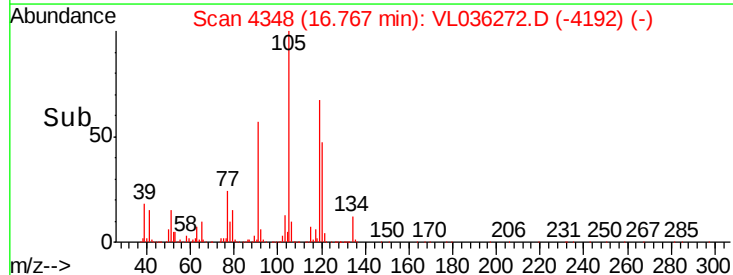
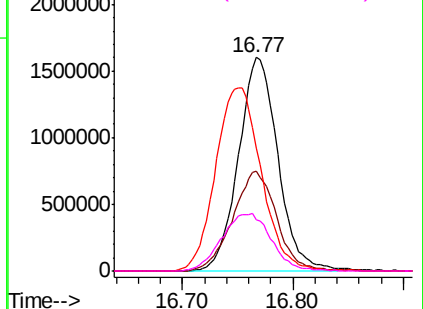


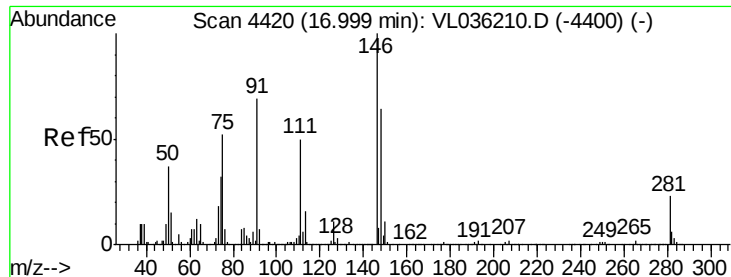
Abundance Ion 105.10 (104.80 to 105.80): V

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: 7.444 ppbv

RT: 17.00 min Scan# 4421

Delta R.T. 0.00 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

Instrument :

MSVOA_L

ClientSampleId :

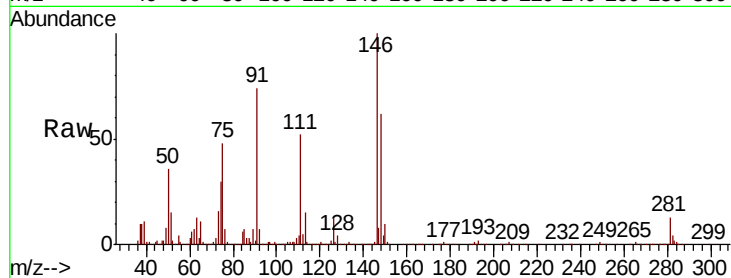
Tot Ion:146 Resp: 2102778

Ion Ratio Lower Upper

146 100

111 51.7 25.5 76.5

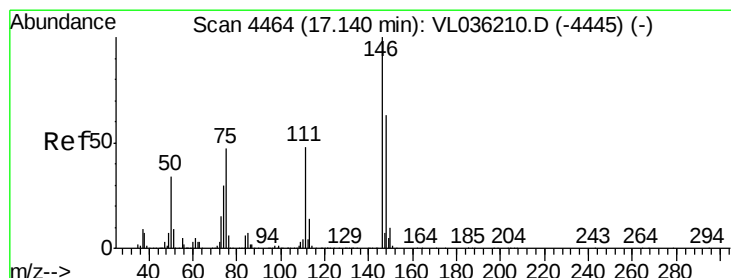
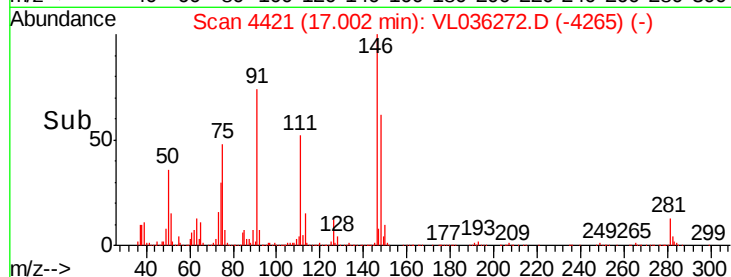
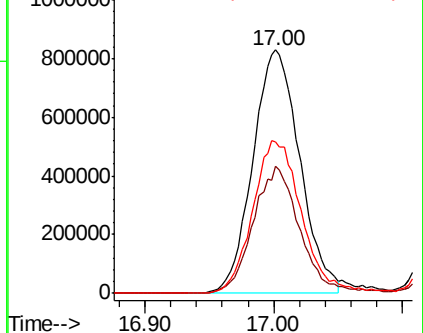
148 65.1 32.4 97.2



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: 7.552 ppbv

RT: 17.15 min Scan# 4466

Delta R.T. 0.01 min

Lab File: VL036272.D

Acq: 28 Jan 2021 13:30

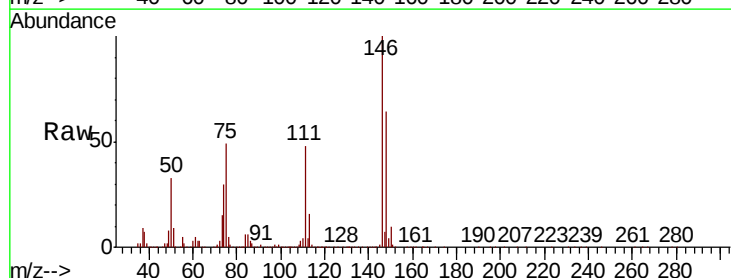
Tgt Ion:146 Resp: 2107517

Ion Ratio Lower Upper

146 100

111 50.2 25.4 76.0

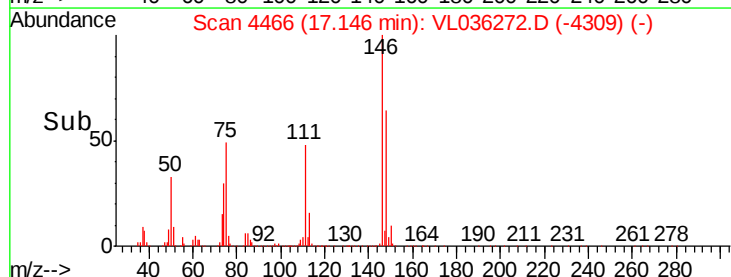
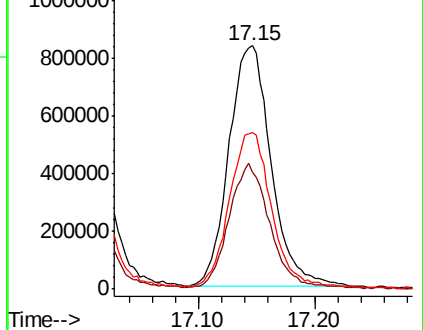
148 66.2 33.3 99.9

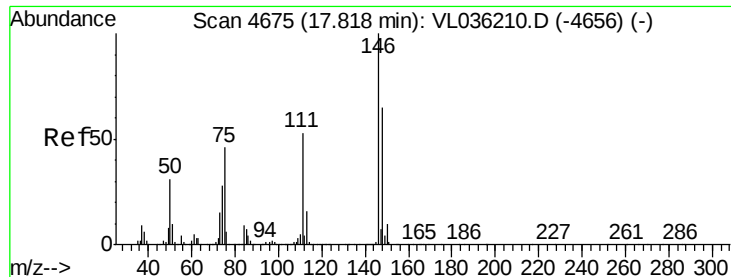


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

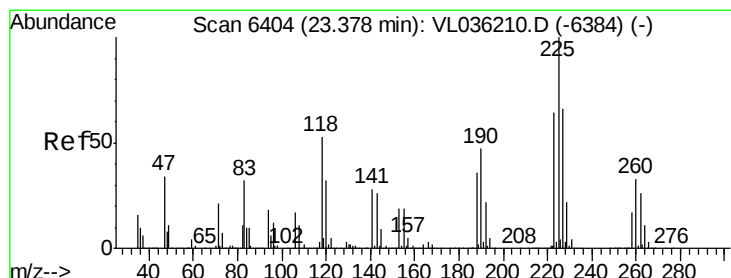
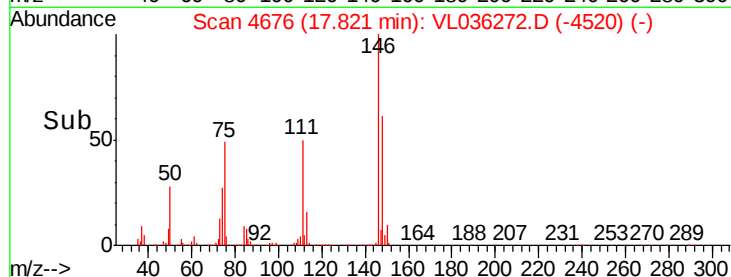
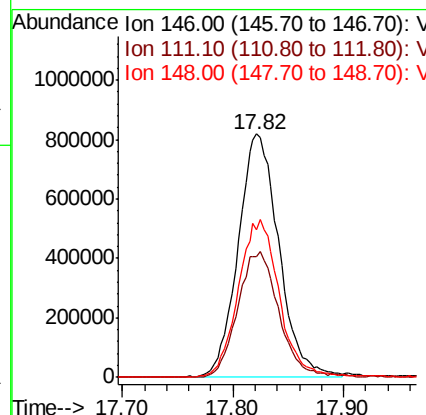
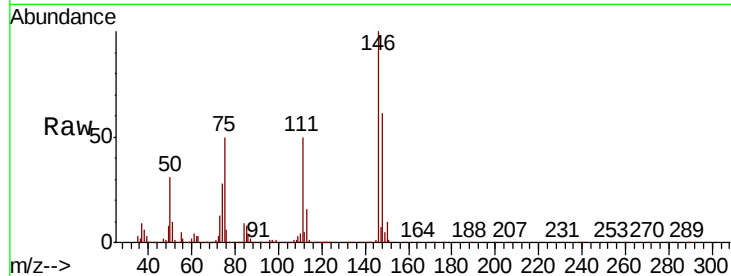




#77
 1,2-Dichlorobenzene
 Concen: 7.543 ppbv
 RT: 17.82 min Scan# 4676
 Delta R.T. 0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

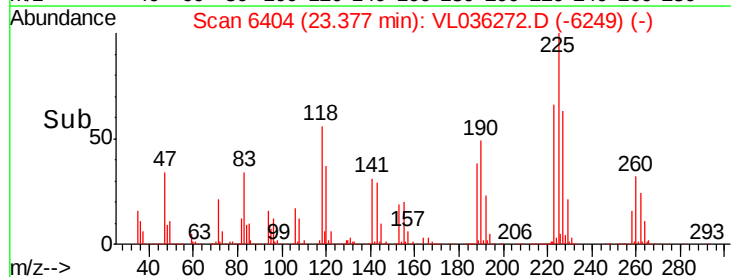
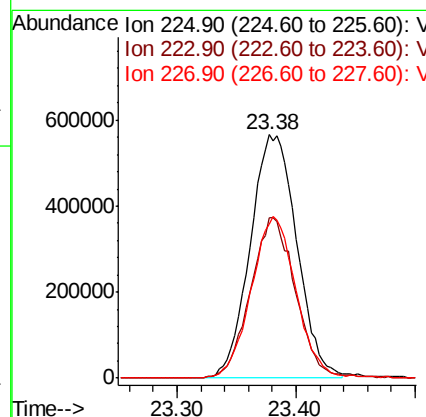
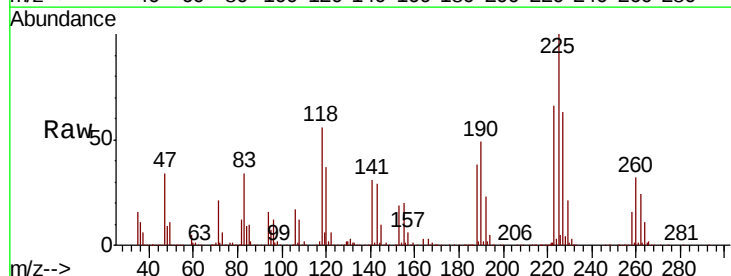
Instrument :
 MSVOA_L
 ClientSampled :

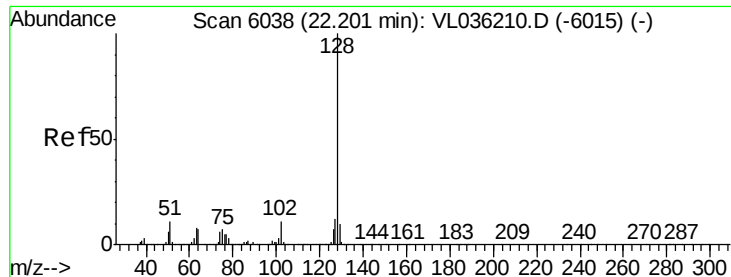
Tot Ion:146 Resp: 2081229
 Ion Ratio Lower Upper
 146 100
 111 52.6 26.5 79.4
 148 65.2 32.8 98.4



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.935 ppbv
 RT: 23.38 min Scan# 6404
 Delta R.T. -0.00 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Tgt Ion:225 Resp: 1530451
 Ion Ratio Lower Upper
 225 100
 223 64.0 50.5 75.7
 227 64.2 51.7 77.5

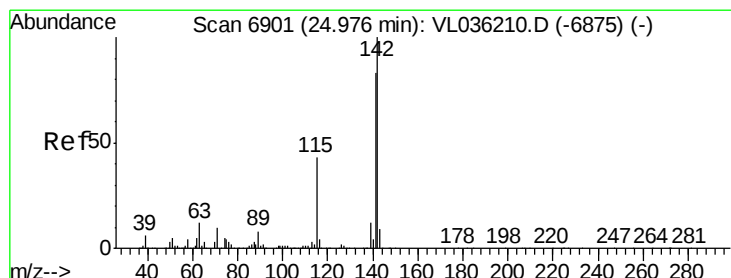
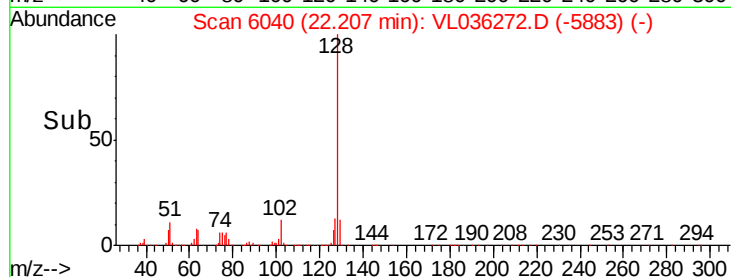
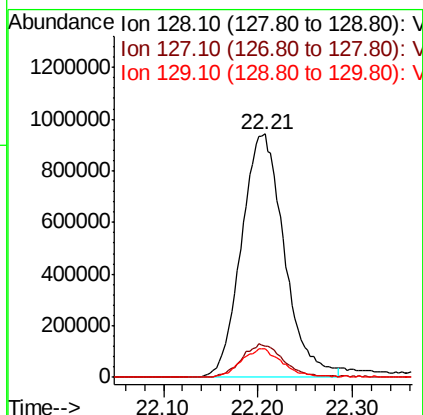
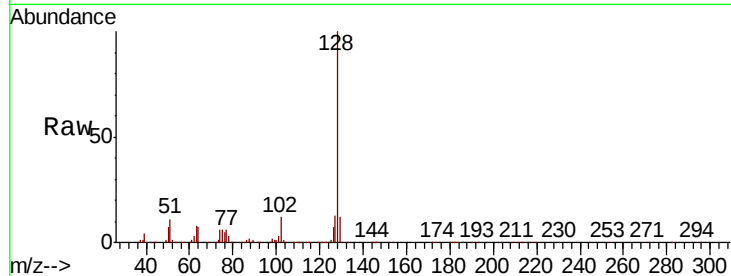




#79
Naphthalene
Concen: 9.621 ppbv
RT: 22.21 min Scan# 6040
Delta R.T. 0.01 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

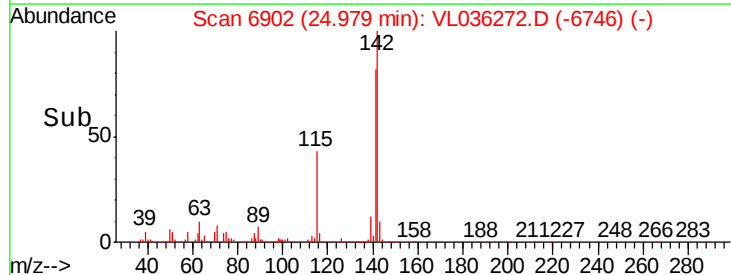
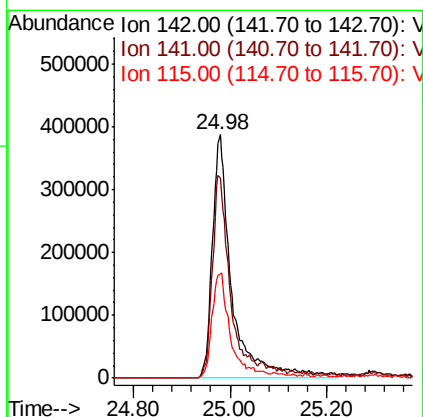
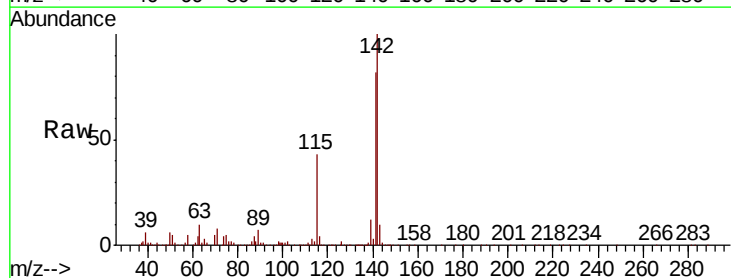
Instrument :
MSVOA_L
ClientSampleId :

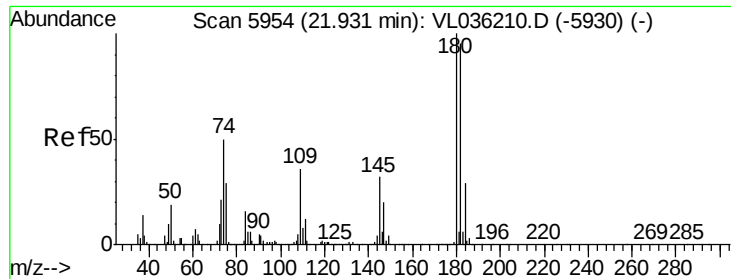
Tot Ion:128 Resp: 2962122
Ion Ratio Lower Upper
128 100
127 12.9 9.9 14.9
129 11.9 8.4 12.6



#80
Naphthalene, 2-methyl-
Concen: 16.670 ppbv
RT: 24.98 min Scan# 6902
Delta R.T. 0.00 min
Lab File: VL036272.D
Acq: 28 Jan 2021 13:30

Tgt Ion:142 Resp: 1095072
Ion Ratio Lower Upper
142 100
141 78.6 68.6 102.8
115 42.5 32.9 49.3

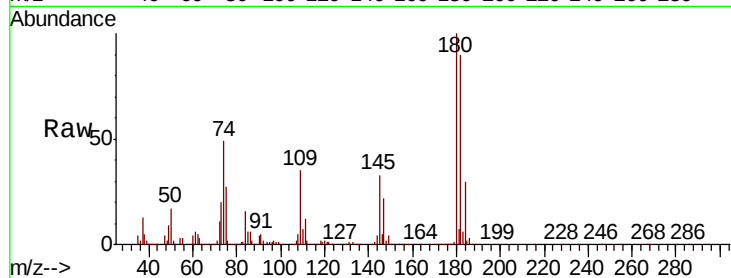




#81
 1,2,4-Trichlorobenzene
 Concen: 8.391 ppbv
 RT: 21.94 min Scan# 5956
 Delta R.T. 0.01 min
 Lab File: VL036272.D
 Acq: 28 Jan 2021 13:30

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 1508281
 Ion Ratio Lower Upper
 180 100
 182 101.1 79.9 119.9
 184 31.6 25.6 38.4



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

