

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036872.D
 Acq On : 28 Apr 2021 00:30
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 28 05:28:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1615626	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	4184297	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	4702275	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3138841	8.32	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	2113125	8.305 ppbv	99
3) Chlorodifluoromethane	2.99	51	2529399	8.595 ppbv	99
4) Chloromethane	3.14	50	819400	8.471 ppbv	93
5) Vinyl Chloride	3.26	62	824162	8.447 ppbv	98
6) Bromomethane	3.48	94	425279	8.106 ppbv	98
7) Chloroethane	3.56	64	296945	9.262 ppbv	91
8) Dichlorotetrafluoroethane	3.19	85	1960191	8.446 ppbv	99
9) Propene	3.01	41	790545	8.815 ppbv	100
10) Heptane	8.13	43	1962360	8.701 ppbv	97
11) Trichlorofluoromethane	3.95	101	1878071	8.269 ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1275926	8.394 ppbv	99
13) Ethanol	3.62	45	39363	3.442 ppbv #	32
14) Bromoethene	3.74	108	554180	8.923 ppbv	99
15) Acetone	3.86	43	1214258	7.974 ppbv	98
16) 1,3-Butadiene	3.33	39	874671	8.983 ppbv	96
17) tert-Butyl alcohol	4.30	59	1149891	9.303 ppbv	99
18) 1,1-Dichloroethene	4.29	96	572865	8.672 ppbv	96
19) Isopropyl Alcohol	3.98	45	650540	8.622 ppbv #	96
20) Methylene Chloride	4.35	84	498278	6.843 ppbv	93
21) Allyl Chloride	4.42	41	916505	8.100 ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	578638	8.728 ppbv	92
23) Vinyl Acetate	5.08	43	2276071	10.988 ppbv	98
24) 1,1-Dichloroethane	5.02	63	1417712	9.641 ppbv	99
25) Ethyl Acetate	5.69	43	3013367	8.101 ppbv	99
26) Hexane	5.69	57	1473830	8.469 ppbv	93
27) Carbon Disulfide	4.56	76	1366589	9.041 ppbv	100
28) Methyl tert-Butyl Ether	5.04	73	1602901	10.391 ppbv	100
29) Chloroform	5.76	83	2267051	8.356 ppbv	99
30) Cyclohexane	7.14	84	1220615	8.845 ppbv	97
31) cis-1,2-Dichloroethene	5.56	61	1421665	9.101 ppbv	99
32) 1,1,1-Trichloroethane	6.52	97	2319781	8.408 ppbv	99
34) 2-Butanone	5.25	43	1436599	7.838 ppbv	98
35) Carbon Tetrachloride	7.02	117	2406185	8.475 ppbv	98
36) Benzene	6.90	78	3043269	8.632 ppbv	99
37) 1,2-Dichloroethane	6.31	62	1698261	8.507 ppbv	98
38) Trichloroethene	7.84	130	1108198	8.829 ppbv	98
39) 1,2-Dichloropropane	7.62	63	1186857	8.403 ppbv	98
40) 1,4-Dioxane	7.84	88	262654	7.701 ppbv	85
41) Tetrahydrofuran	6.06	42	665885	8.305 ppbv	100
42) Bromodichloromethane	7.80	83	2402569	8.662 ppbv	99
43) Methyl Methacrylate	8.02	69	1138691	9.898 ppbv	97

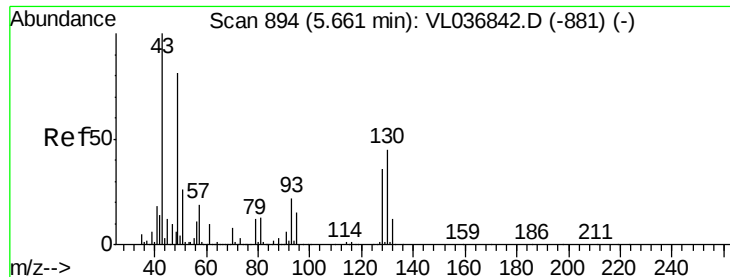
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036872.D
 Acq On : 28 Apr 2021 00:30
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 28 05:28:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5089310	8.423	ppbv	100
45) t-1,3-Dichloropropene	9.29	75	821854	6.627	ppbv	98
46) cis-1,3-Dichloropropene	8.72	75	1128393	7.097	ppbv	99
47) 1,1,2-Trichloroethane	9.49	97	1222939	8.363	ppbv	98
48) Dibromochloromethane	10.31	129	2017012	9.309	ppbv	99
49) Bromoform	13.05	173	1674227	9.679	ppbv	98
50) 4-Methyl-2-Pentanone	8.75	43	2085346	8.323	ppbv	98
51) 2-Hexanone	10.15	43	1066061	8.531	ppbv #	95
52) Tetrachloroethene	11.24	164	1046119	8.714	ppbv	98
53) Toluene	9.82	91	3409724	9.243	ppbv	100
54) 1,2-Dibromoethane	10.62	107	1727795	8.369	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.13	131	1419989	7.203	ppbv	96
57) Chlorobenzene	12.16	112	2506090	6.842	ppbv	99
58) Ethyl Benzene	12.72	91	4529722	7.595	ppbv	100
59) m/p-Xylene	13.01	91	4110129	7.710	ppbv #	40
60) o-Xylene	13.70	91	3598907	6.982	ppbv	100
61) Styrene	13.54	104	1957258	8.086	ppbv	99
62) Isopropylbenzene	14.68	105	5018635	7.157	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.69	83	2703541	6.543	ppbv	100
64) n-propylbenzene	15.57	120	1345380	7.698	ppbv	97
65) tert-Butylbenzene	16.76	119	4416548	7.123	ppbv	100
66) Benzyl Chloride	17.00	91	330898	5.458	ppbv	97
67) sec-Butylbenzene	17.31	105	6205946	7.208	ppbv	99
69) p-Isopropyltoluene	17.67	119	5106314	7.398	ppbv	100
70) n-Butylbenzene	18.56	91	5245878	7.540	ppbv	99
71) 2-Chlorotoluene	15.46	91	3892650	7.495	ppbv	99
72) 4-Ethyltoluene	15.85	105	4288733	7.752	ppbv	100
73) 1,3,5-Trimethylbenzene	16.01	105	3815591	7.112	ppbv	99
74) 1,2,4-Trimethylbenzene	16.77	105	4012106	7.040	ppbv	93
75) 1,3-Dichlorobenzene	17.00	146	2419004	7.180	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	1158605	3.514	ppbv #	21
77) 1,2-Dichlorobenzene	17.83	146	2307900	7.014	ppbv	99
78) Hexachloro-1,3-Butadiene	23.39	225	1826933	6.534	ppbv	99
79) Naphthalene	22.21	128	2696305	8.448	ppbv	100
80) Naphthalene, 2-methyl-	24.99	142	327879	9.315	ppbv	96
81) 1,2,4-Trichlorobenzene	21.94	180	1675521	8.116	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Apr 2021 00:30

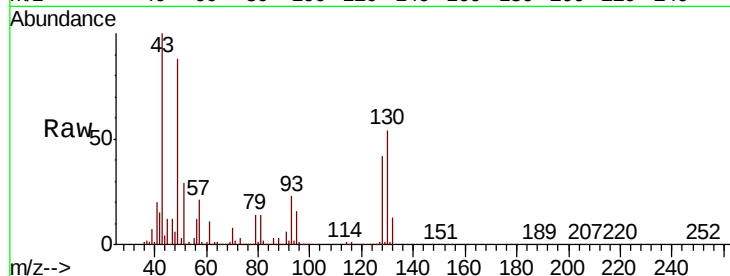
Tot Ion: 49 Resp: 1615626

Ion Ratio Lower Upper

49 100

128 51.2 24.4 73.2

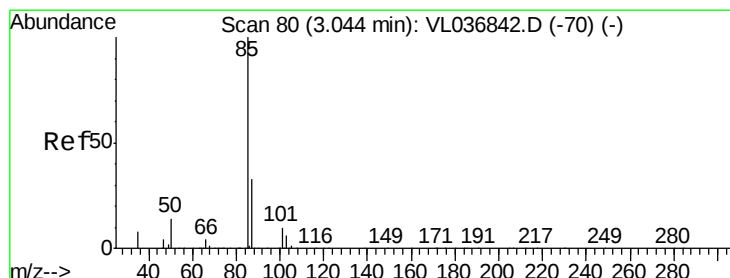
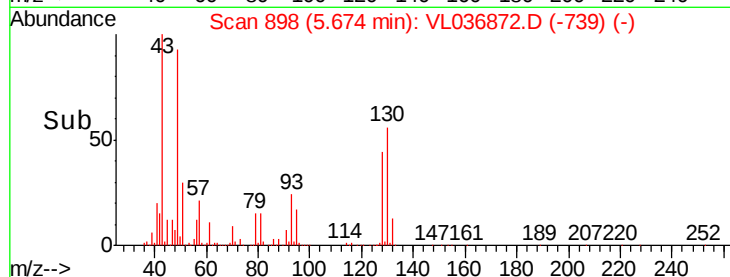
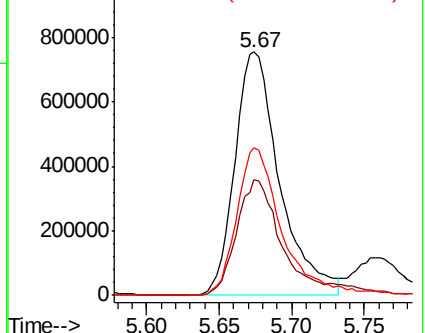
130 62.5 30.3 90.8



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: 8.305 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.01 min

Lab File: VL036872.D

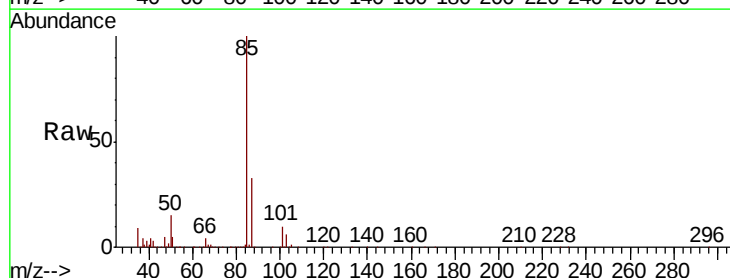
Acq: 28 Apr 2021 00:30

Tgt Ion: 85 Resp: 2113125

Ion Ratio Lower Upper

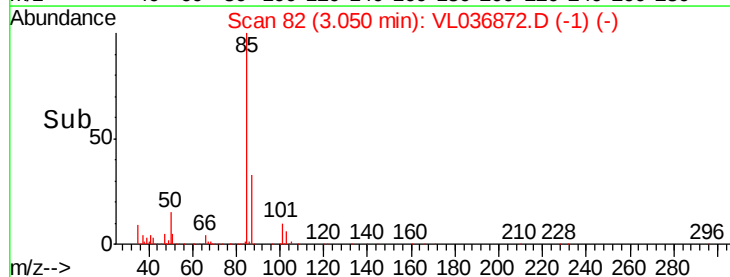
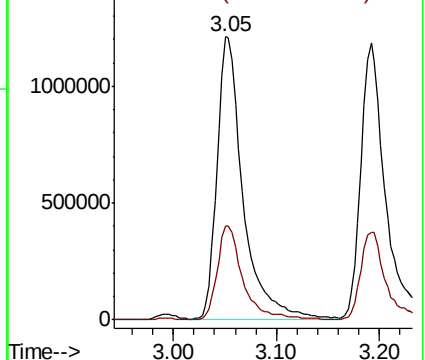
85 100

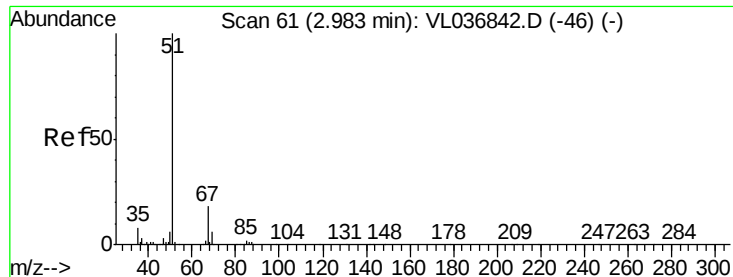
87 33.1 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 8.595 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

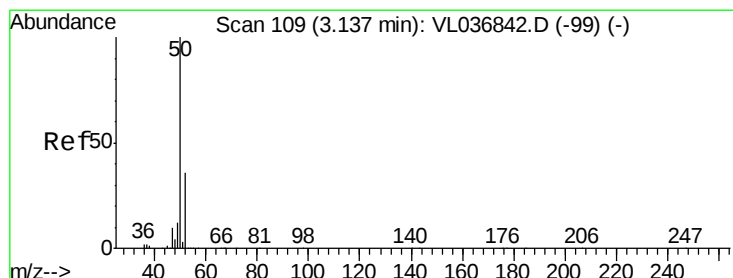
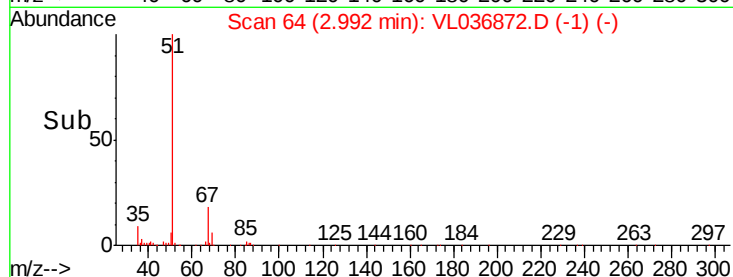
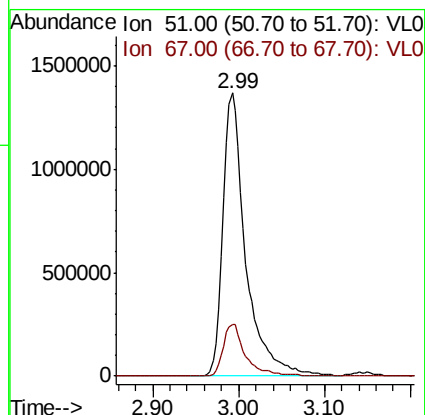
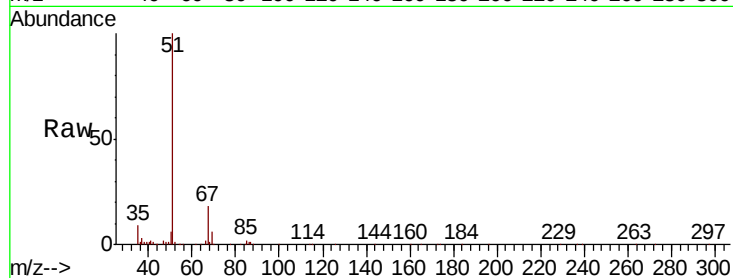
Acq: 28 Apr 2021 00:30

Tot Ion: 51 Resp: 2529399

Ion Ratio Lower Upper

51 100

67 18.2 14.8 22.2



#4

Chloromethane

Concen: 8.471 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.01 min

Lab File: VL036872.D

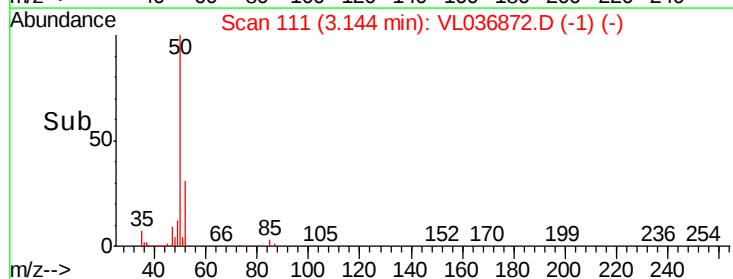
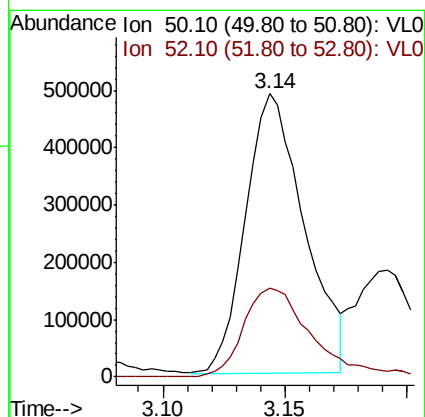
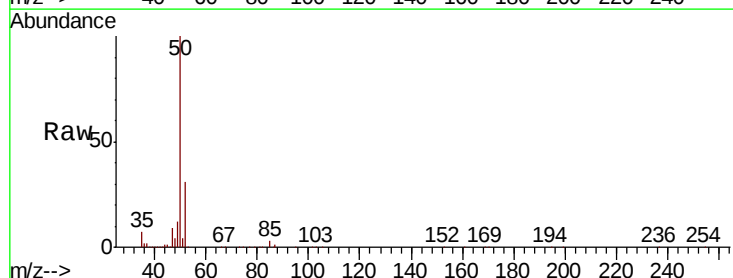
Acq: 28 Apr 2021 00:30

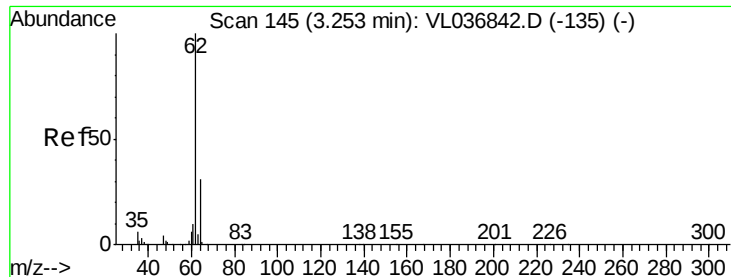
Tgt Ion: 50 Resp: 819400

Ion Ratio Lower Upper

50 100

52 31.5 28.5 42.7





#5

Vinyl Chloride

Concen: 8.447 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

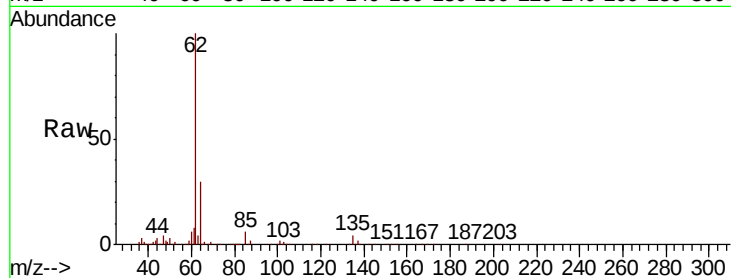
Acq: 28 Apr 2021 00:30

Tot Ion: 62 Resp: 824162

Ion Ratio Lower Upper

62 100

64 30.0 25.0 37.4



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.26

500000

400000

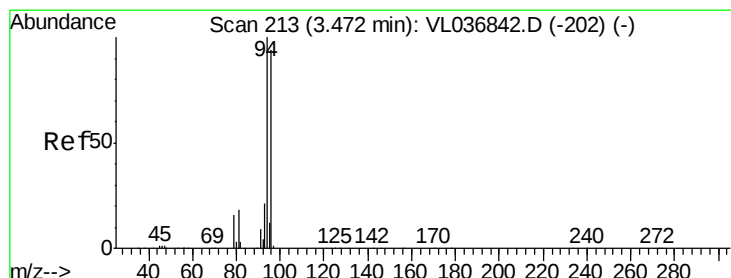
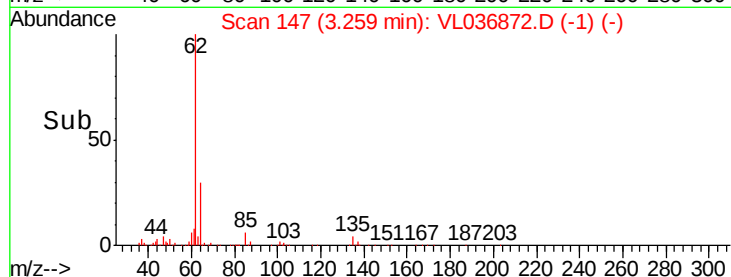
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 8.106 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.01 min

Lab File: VL036872.D

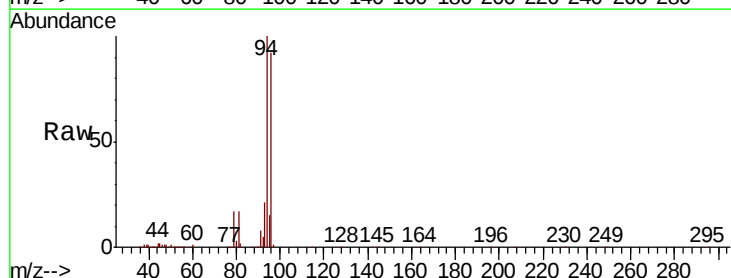
Acq: 28 Apr 2021 00:30

Tgt Ion: 94 Resp: 425279

Ion Ratio Lower Upper

94 100

96 91.9 75.4 113.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.48

250000

200000

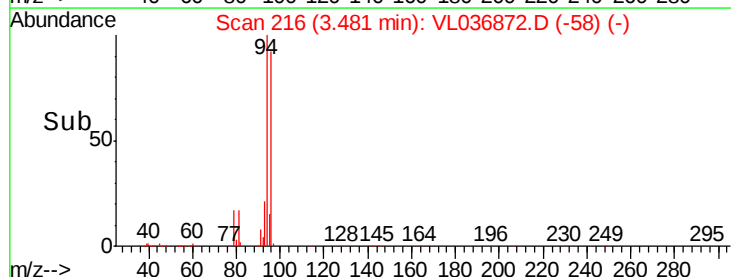
150000

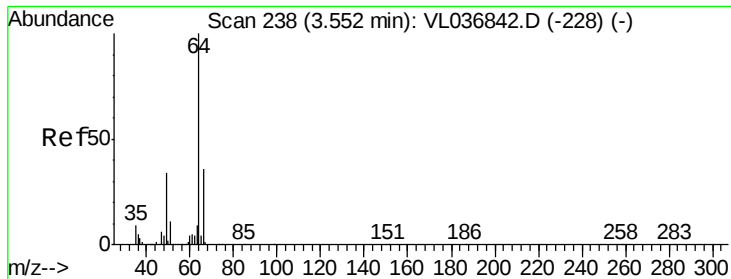
100000

50000

0

Time-->





#7

Chloroethane

Concen: 9.262 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

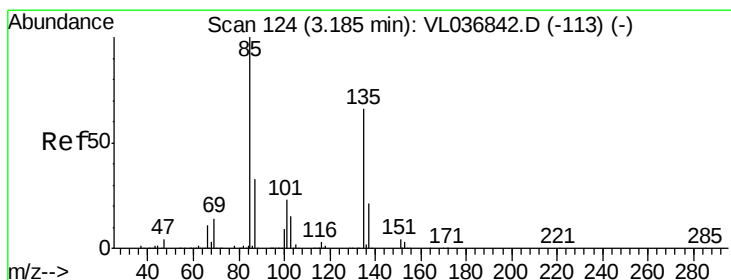
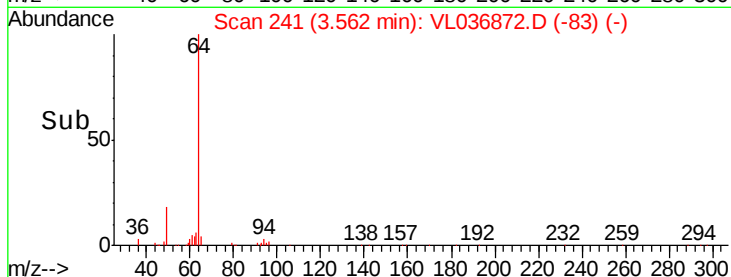
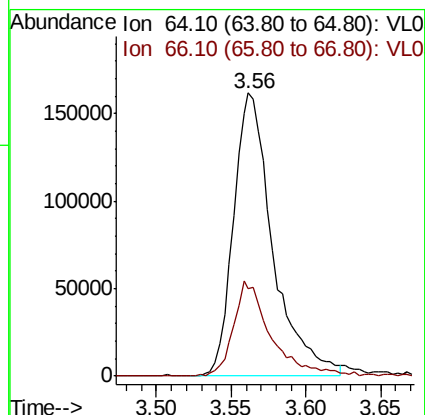
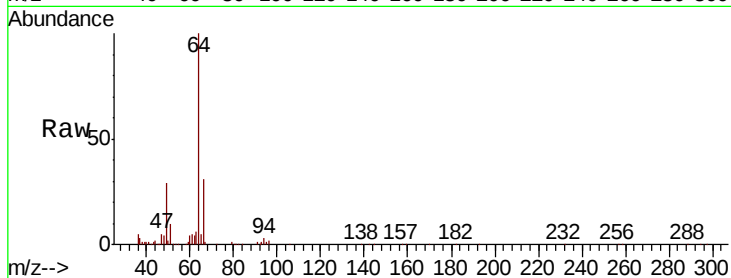
Acq: 28 Apr 2021 00:30

Tot Ion: 64 Resp: 296945

Ion Ratio Lower Upper

64 100

66 30.7 29.0 43.6



#8

Dichlorotetrafluoroethane

Concen: 8.446 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.01 min

Lab File: VL036872.D

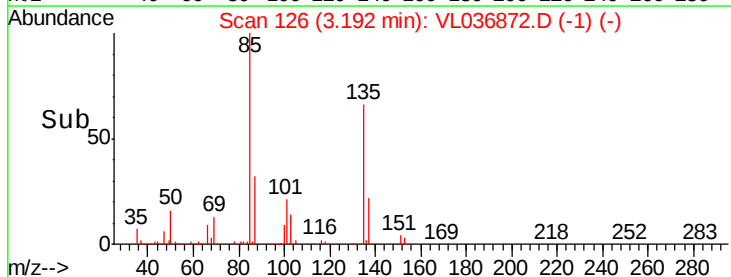
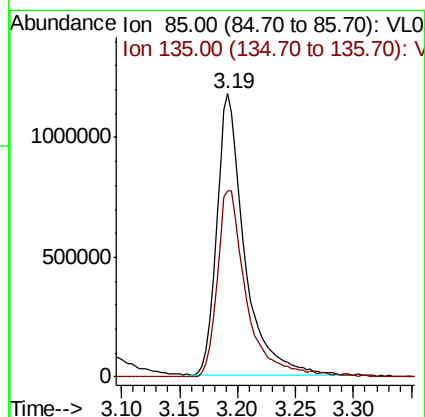
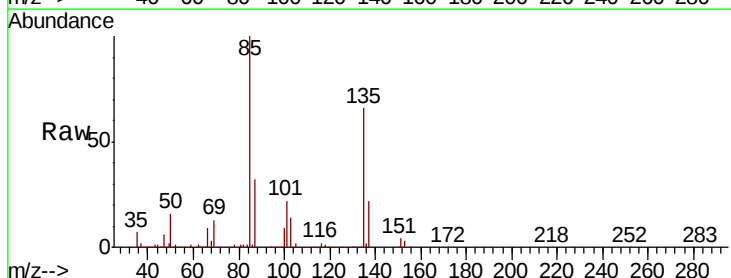
Acq: 28 Apr 2021 00:30

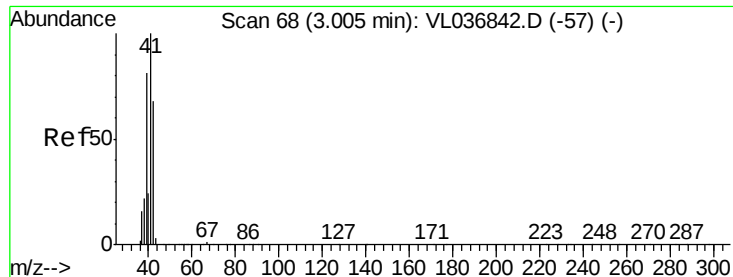
Tgt Ion: 85 Resp: 1960191

Ion Ratio Lower Upper

85 100

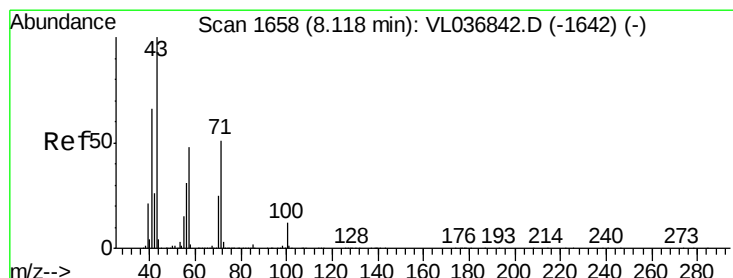
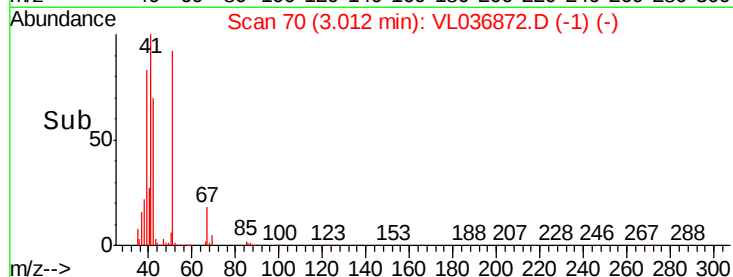
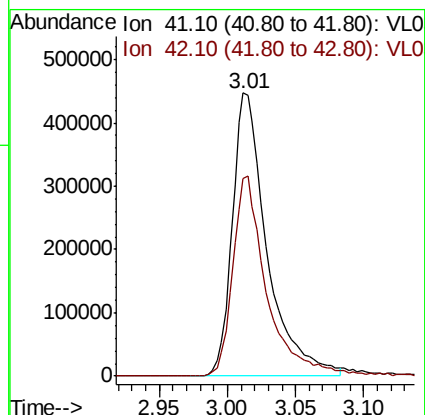
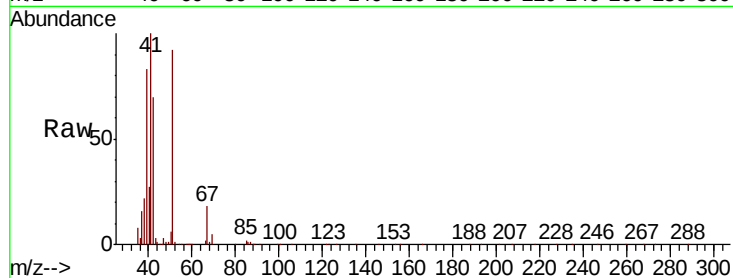
135 70.9 56.2 84.4





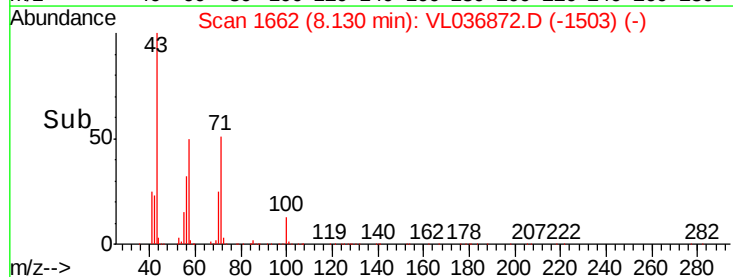
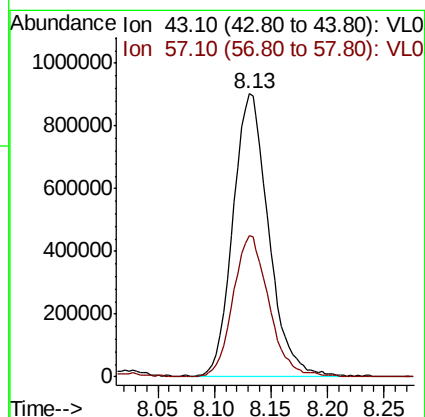
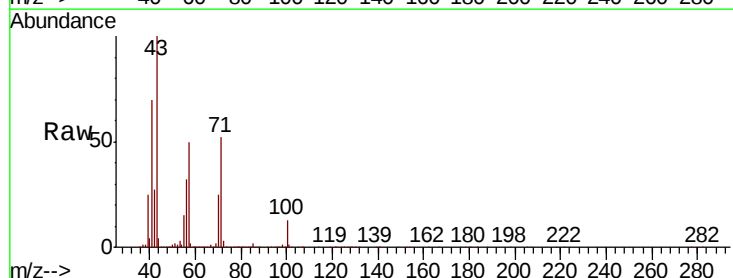
#9
 Propene
 Concen: 8.815 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 28 Apr 2021 00:30

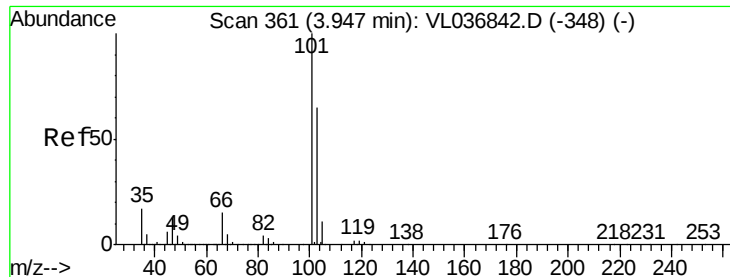
Tot Ion: 41 Resp: 790545
 Ion Ratio Lower Upper
 41 100
 42 69.8 56.0 84.0



#10
 Heptane
 Concen: 8.701 ppbv
 RT: 8.13 min Scan# 1662
 Delta R.T. 0.01 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

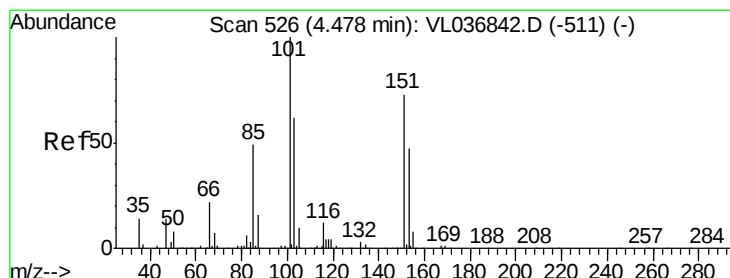
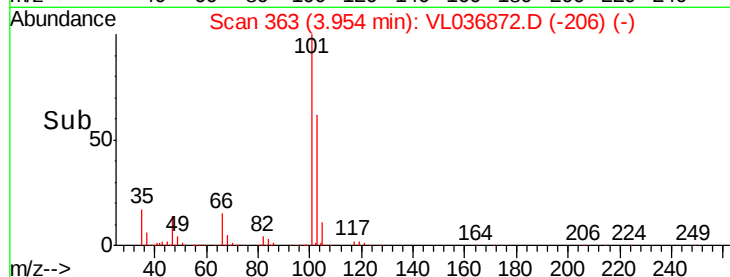
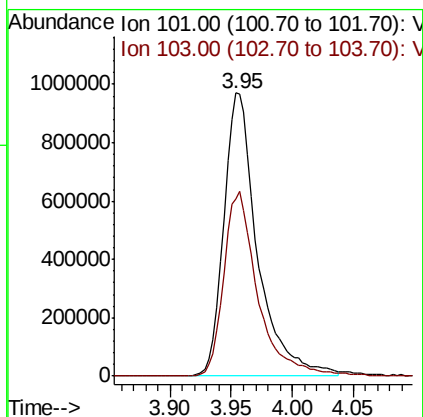
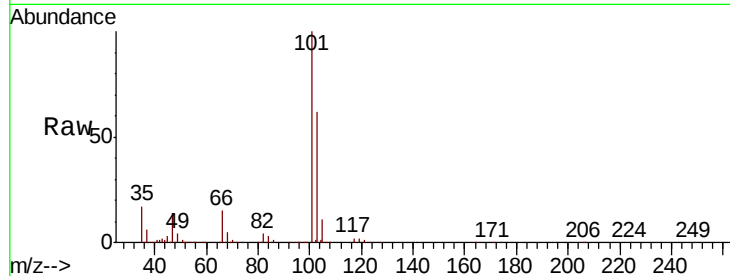
Tgt Ion: 43 Resp: 1962360
 Ion Ratio Lower Upper
 43 100
 57 50.9 38.8 58.2





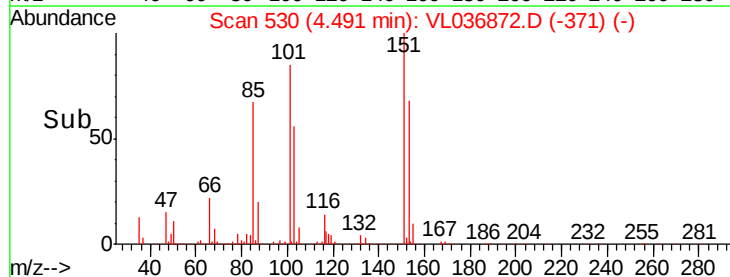
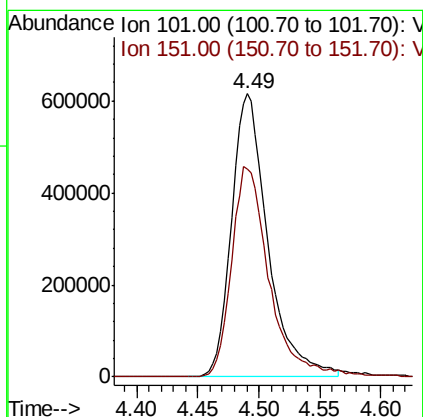
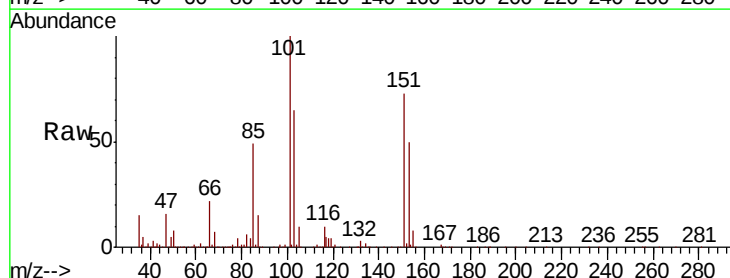
#11
 Trichlorofluoromethane
 Concen: 8.269 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 28 Apr 2021 00:30

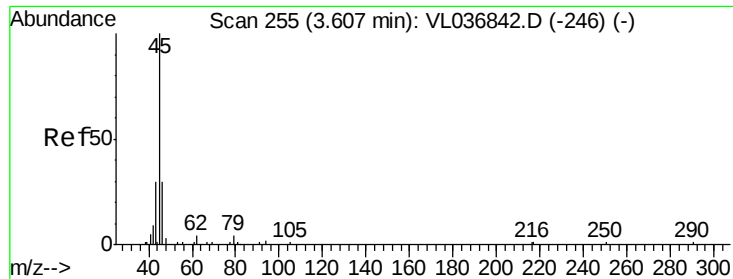
Tot Ion:101 Resp: 1878071
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.6 77.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.394 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T.: 0.01 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

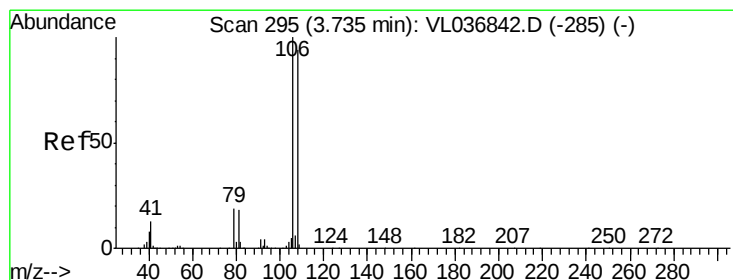
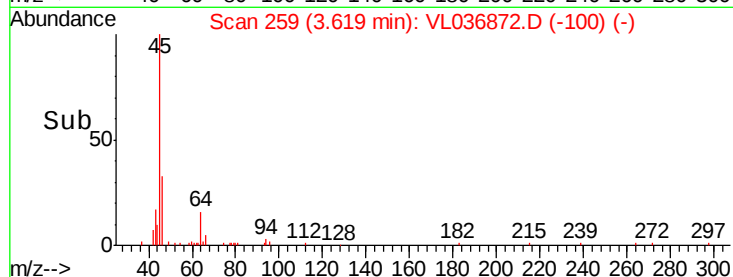
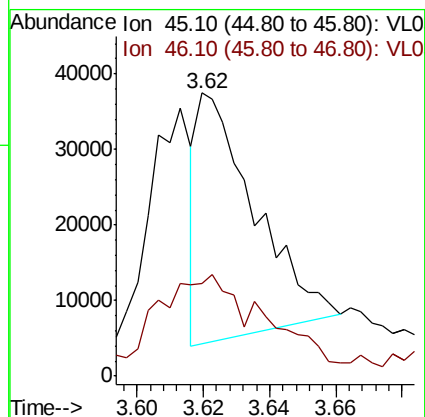
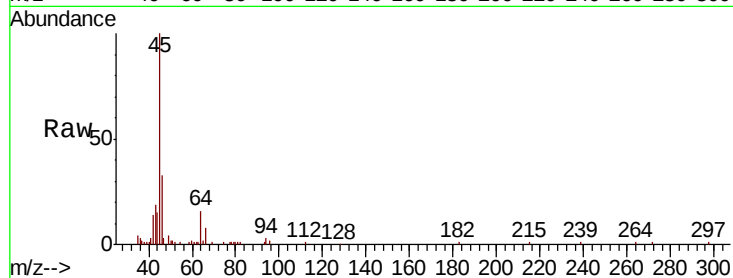
Tgt Ion:101 Resp: 1275926
 Ion Ratio Lower Upper
 101 100
 151 77.2 61.1 91.7





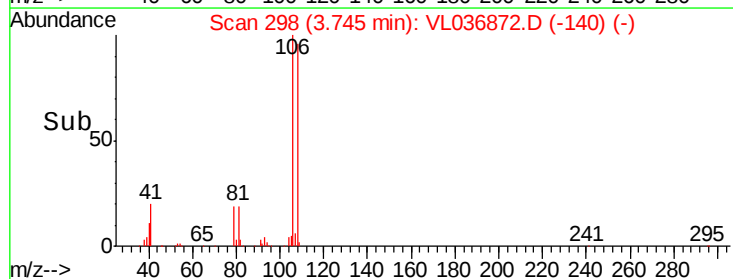
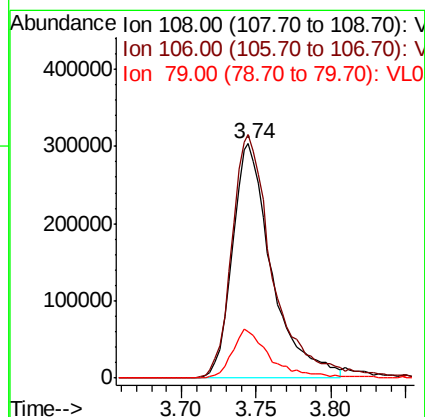
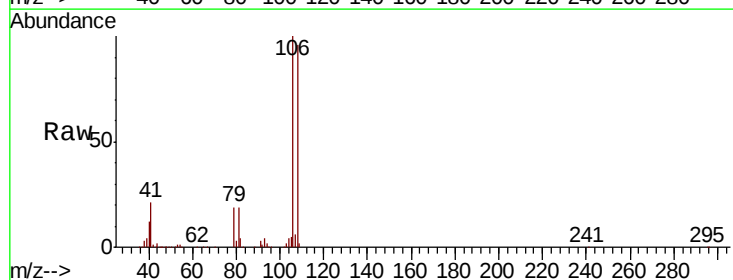
#13
Ethanol
Concen: 3.442 ppbv
RT: 3.62
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 28 Apr 2021 00:30

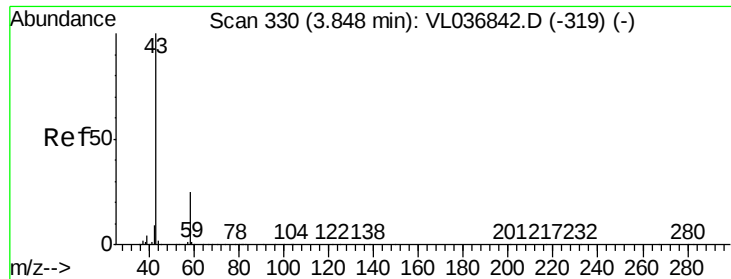
Tot Ion: 45 Resp: 39363
Ion Ratio Lower Upper
45 100
46 84.8 16.8 67.4#



#14
Bromoethene
Concen: 8.923 ppbv
RT: 3.74 min Scan# 298
Delta R.T. 0.01 min
Lab File: VL036872.D
Acq: 28 Apr 2021 00:30

Tgt Ion: 108 Resp: 554180
Ion Ratio Lower Upper
108 100
106 110.4 88.5 132.7
79 20.3 17.9 26.9





#15

Acetone

Concen: 7.974 ppbv

RT: 3.86 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

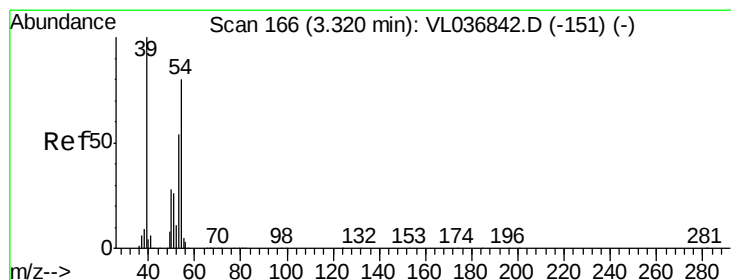
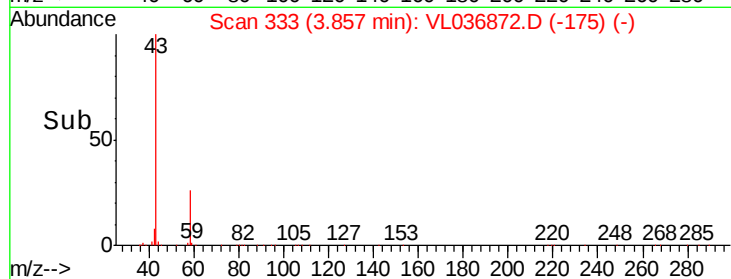
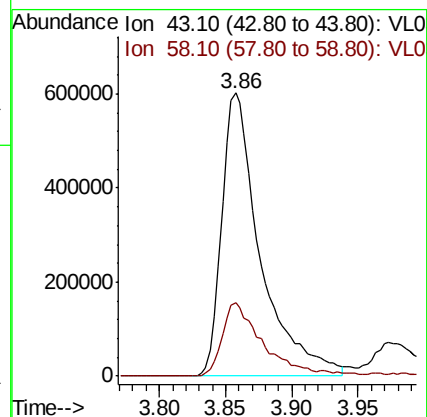
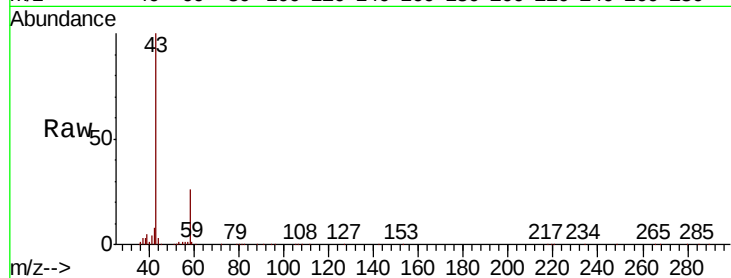
Acq: 28 Apr 2021 00:30

Tot Ion: 43 Resp: 1214258

Ion Ratio Lower Upper

43 100

58 27.9 21.7 32.5



#16

1,3-Butadiene

Concen: 8.983 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.01 min

Lab File: VL036872.D

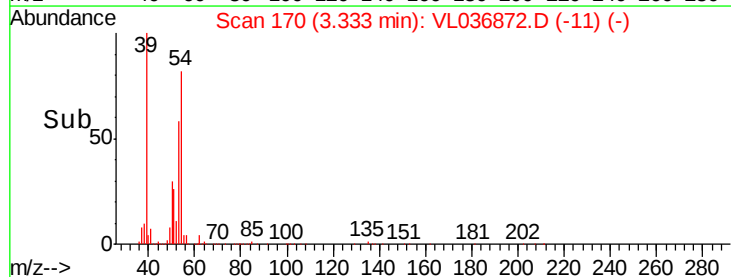
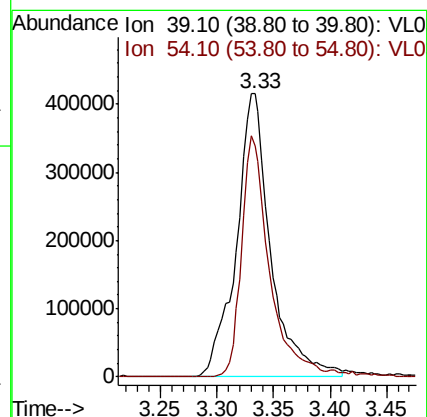
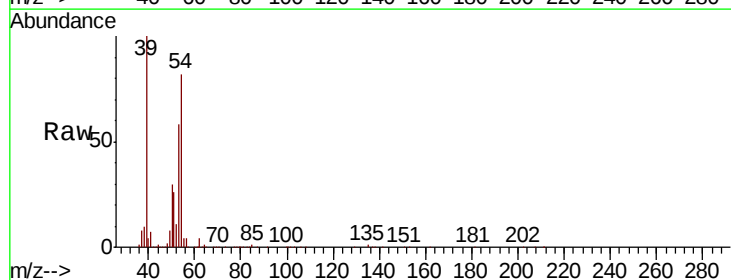
Acq: 28 Apr 2021 00:30

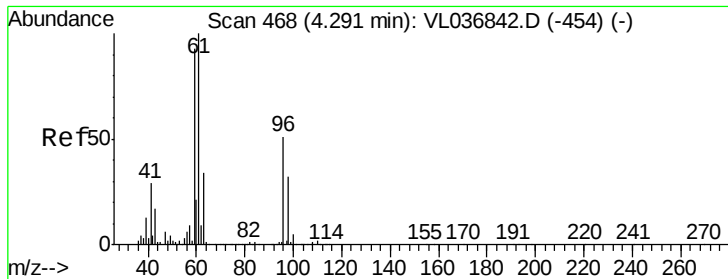
Tgt Ion: 39 Resp: 874671

Ion Ratio Lower Upper

39 100

54 71.3 59.6 89.4





#17

tert-Butyl alcohol

Concen: 9.303 ppbv

RT: 4.30 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

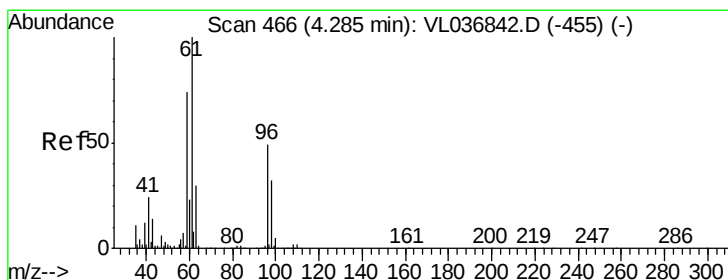
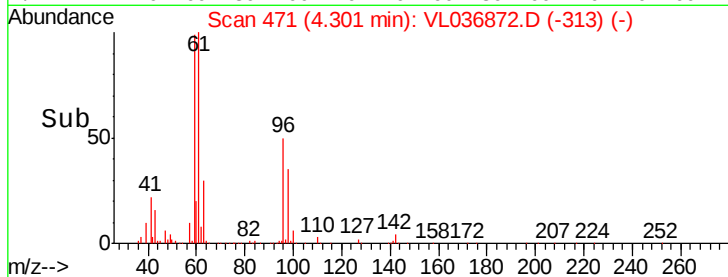
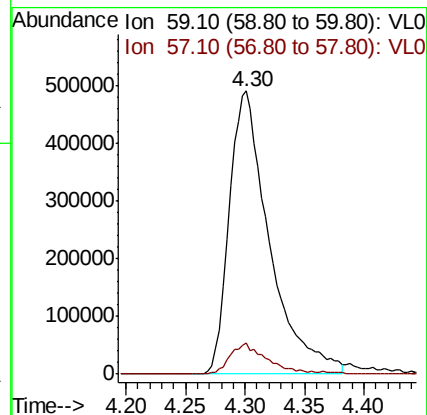
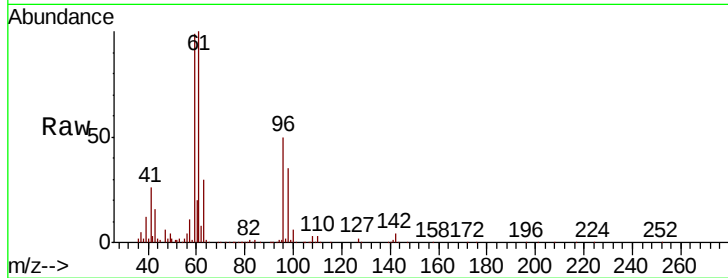
Acq: 28 Apr 2021 00:30

Tot Ion: 59 Resp: 1149891

Ion Ratio Lower Upper

59 100

57 10.6 8.3 12.5



#18

1,1-Dichloroethene

Concen: 8.672 ppbv

RT: 4.29 min Scan# 469

Delta R.T. 0.01 min

Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

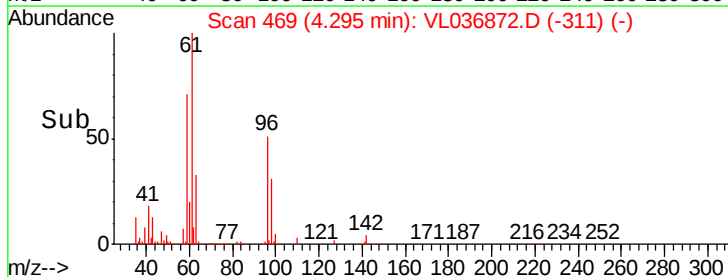
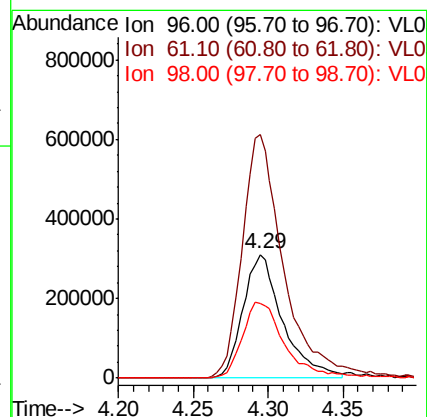
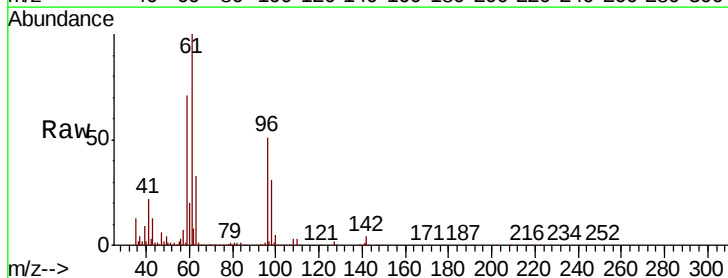
Tgt Ion: 96 Resp: 572865

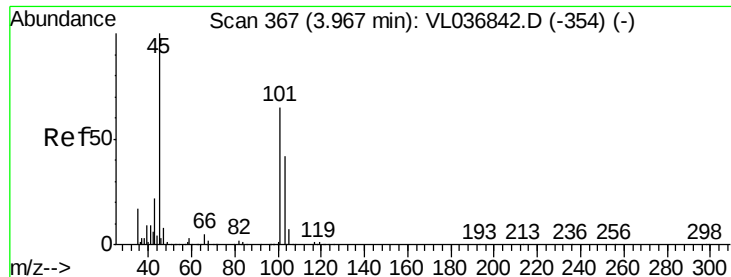
Ion Ratio Lower Upper

96 100

61 197.2 162.2 243.2

98 60.7 51.8 77.6





#19

Isopropyl Alcohol

Concen: 8.622 ppbv

RT: 3.98 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

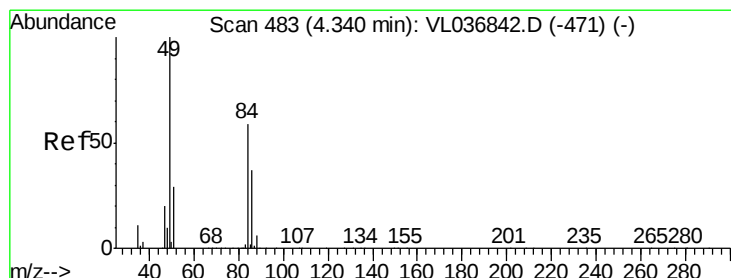
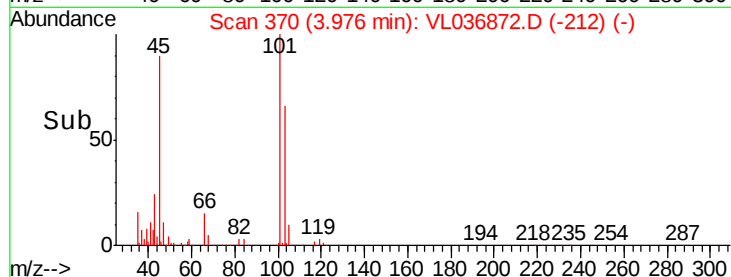
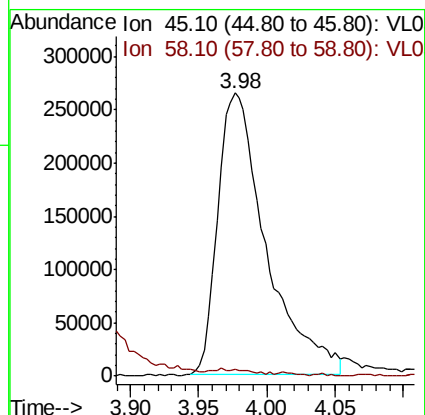
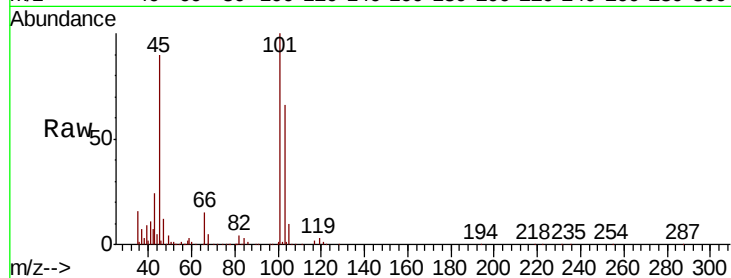
Acq: 28 Apr 2021 00:30

Tot Ion: 45 Resp: 650540

Ion Ratio Lower Upper

45 100

58 2.2 2.8 4.2#



#20

Methylene Chloride

Concen: 6.843 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

Tgt Ion: 84 Resp: 498278

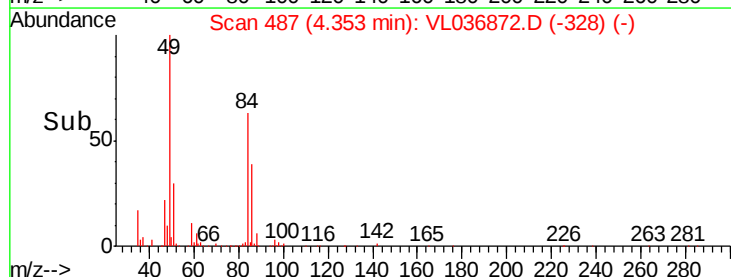
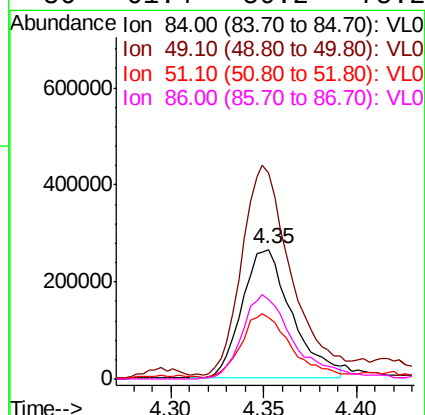
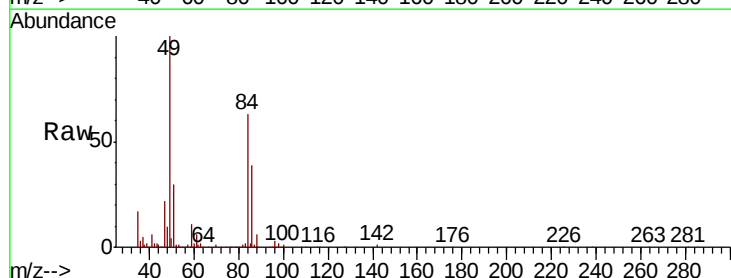
Ion Ratio Lower Upper

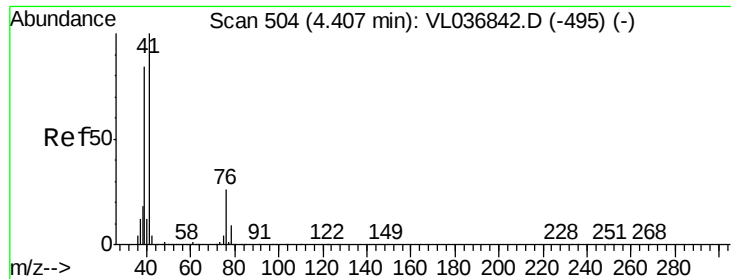
84 100

49 156.9 135.4 203.0

51 45.7 39.3 58.9

86 61.4 50.2 75.2





#21

Allvl Chloride

Concen: 8.100 ppbv

RT: 4.42 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Apr 2021 00:30

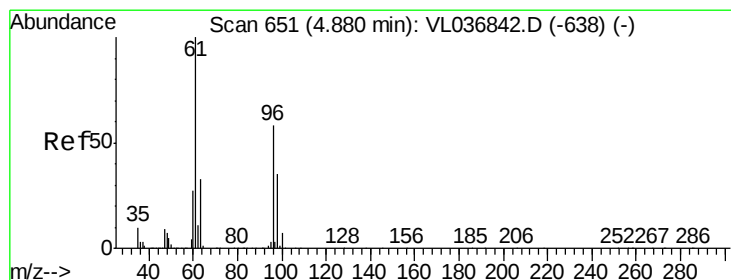
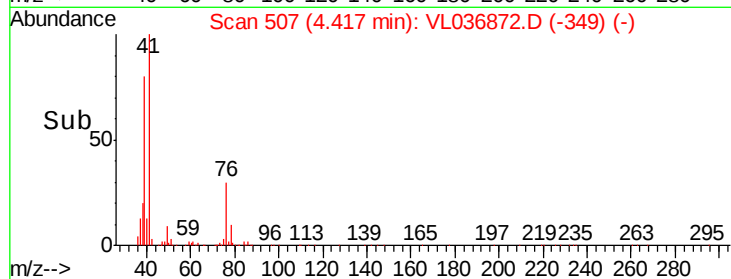
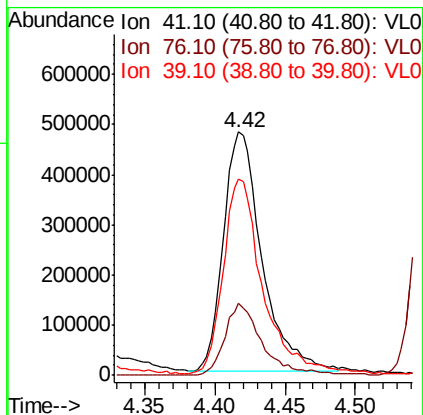
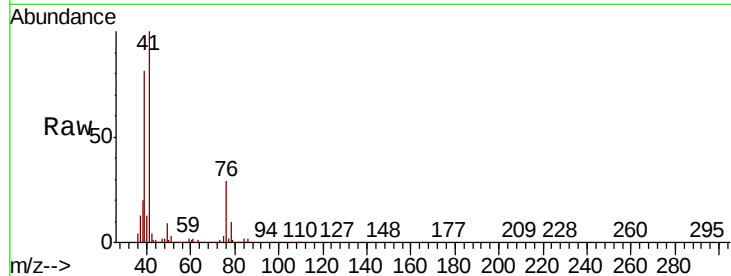
Tot Ion: 41 Resp: 916505

Ion Ratio Lower Upper

41 100

76 29.5 22.4 33.6

39 83.7 68.4 102.6



#22

trans-1,2-Dichloroethene

Concen: 8.728 ppbv

RT: 4.89 min Scan# 655

Delta R.T. 0.01 min

Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

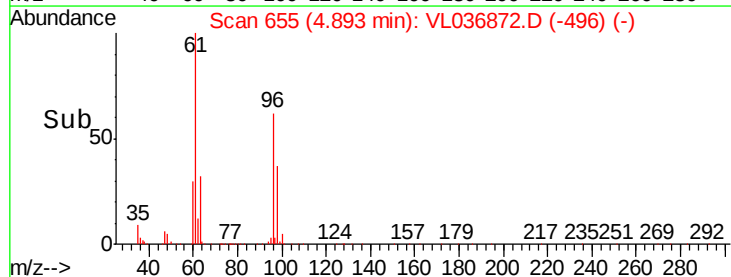
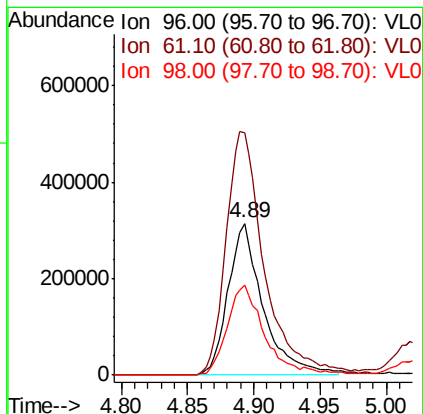
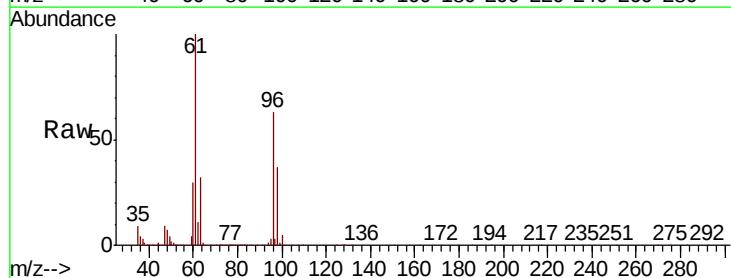
Tgt Ion: 96 Resp: 578638

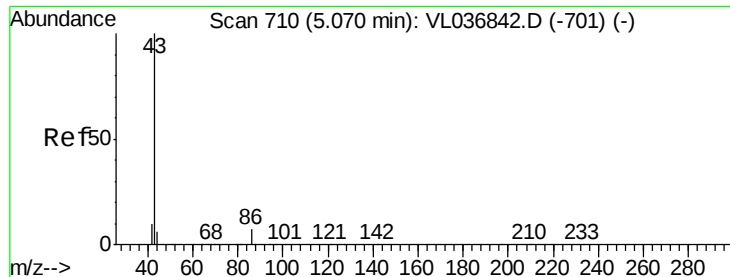
Ion Ratio Lower Upper

96 100

61 159.5 138.6 207.8

98 59.0 48.1 72.1





#23

Vinyl Acetate

Concen: 10.988 ppbv

RT: 5.08 Instrument:

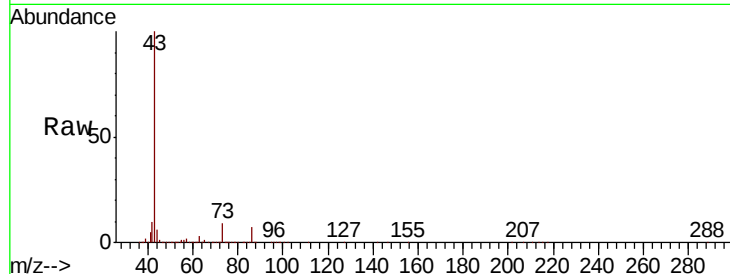
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

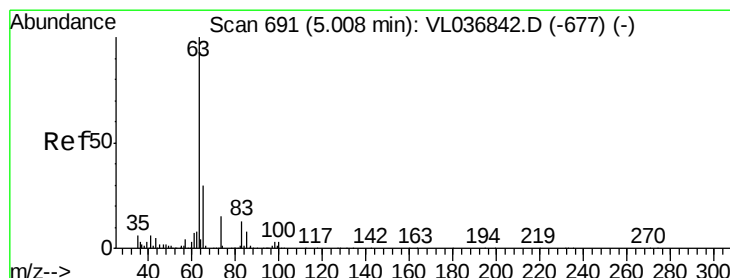
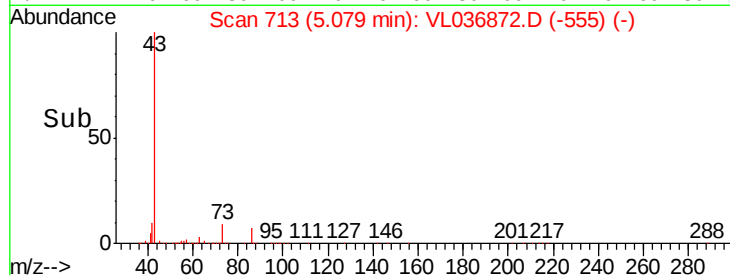
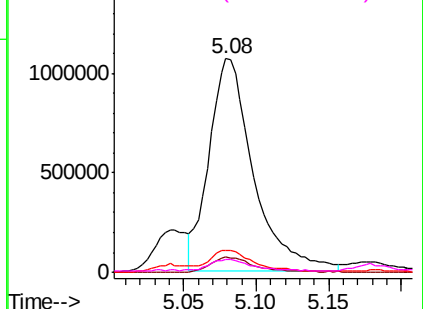
Acq: 28 Apr 2021 00:30

Tot Ion: 43 Resp: 2276071

Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.3	7.9
42	9.9	8.7	13.1
44	5.1	3.9	5.9



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 9.641 ppbv

RT: 5.02 min Scan# 694

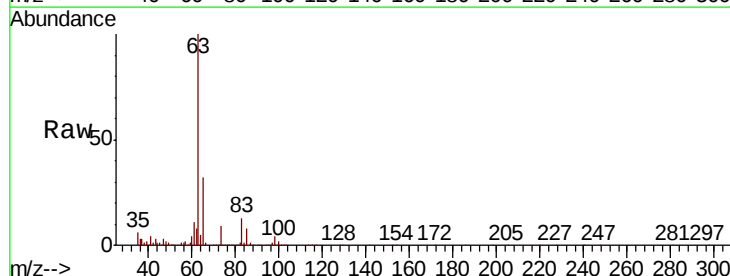
Delta R.T. 0.01 min

Lab File: VL036872.D

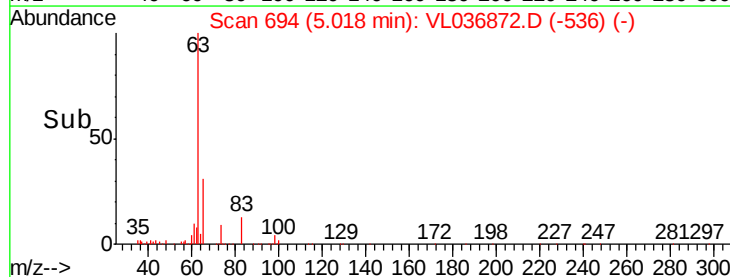
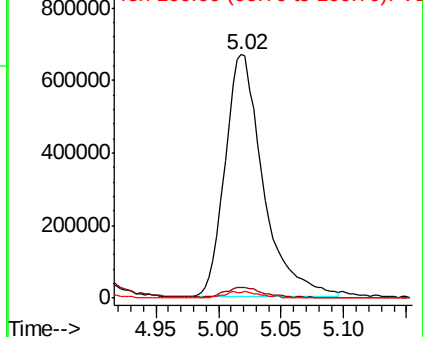
Acq: 28 Apr 2021 00:30

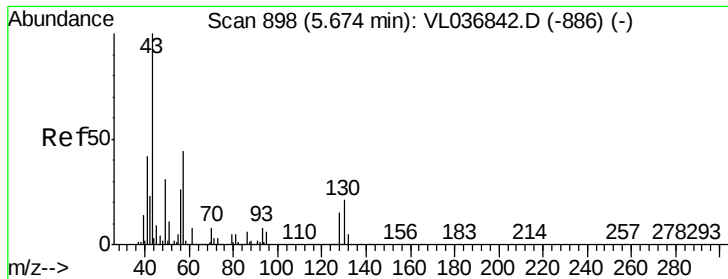
Tgt Ion: 63 Resp: 1417712

Ion	Ratio	Lower	Upper
63	100		
98	4.0	1.7	5.1
100	2.2	1.3	3.8



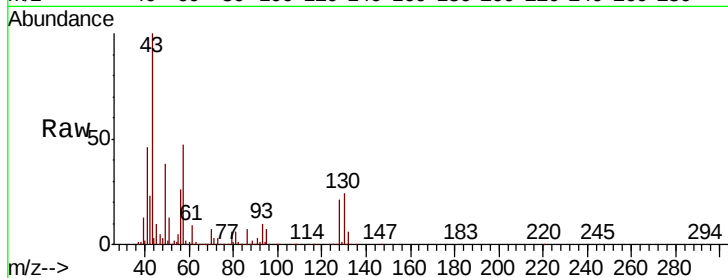
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 98.00 (97.70 to 98.70): VL0
 Ion 100.00 (99.70 to 100.70): VL0





#25
Ethyl Acetate
Concen: 8.101 ppbv
RT: 5.69 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 28 Apr 2021 00:30

Tot Ion:	43	Resp:	3013367
Ion	Ratio	Lower	Upper
43	100		
45	9.5	7.8	11.8
61	9.7	7.4	11.0
70	6.6	5.4	8.0



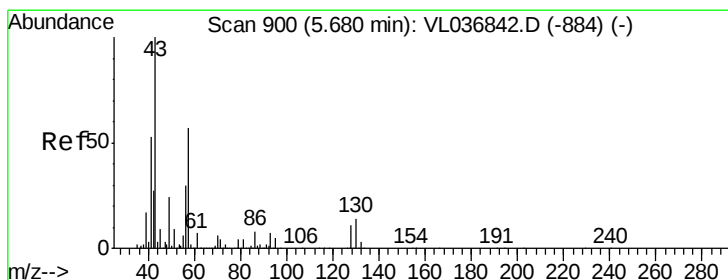
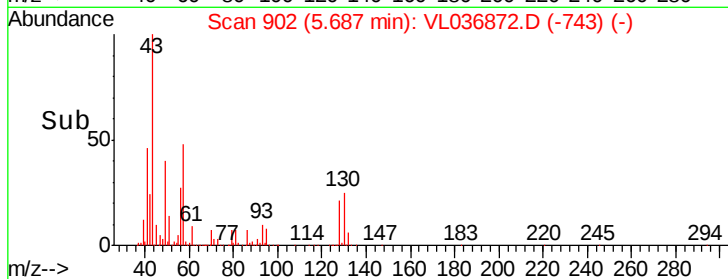
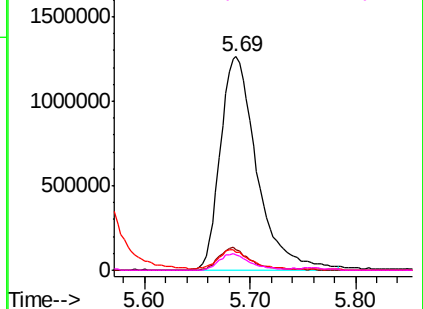
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

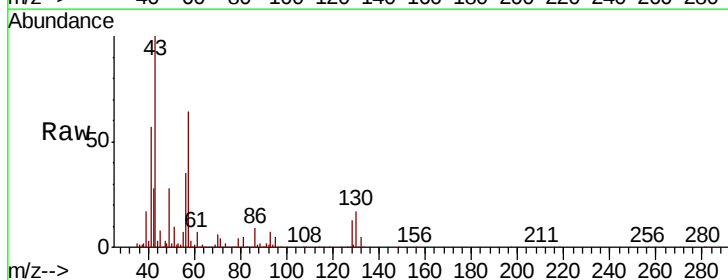
Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 8.469 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: 0.01 min
Lab File: VL036872.D
Acq: 28 Apr 2021 00:30

Tgt Ion:	57	Resp:	1473830
Ion	Ratio	Lower	Upper
57	100		
41	94.3	77.7	116.5
43	208.0	180.5	270.7
56	54.5	44.6	66.8



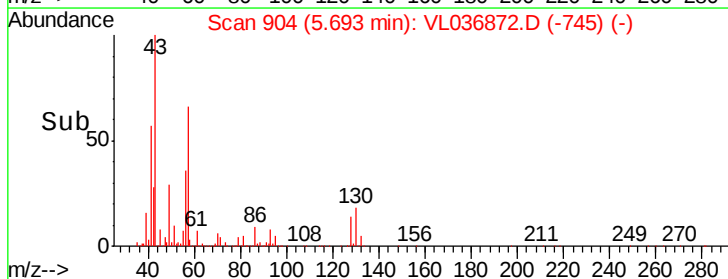
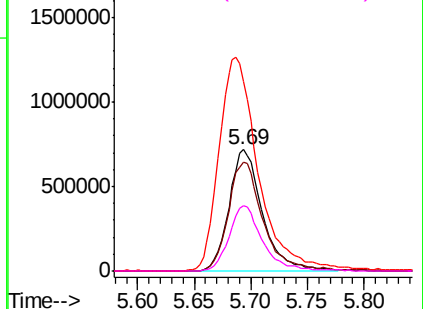
Abundance

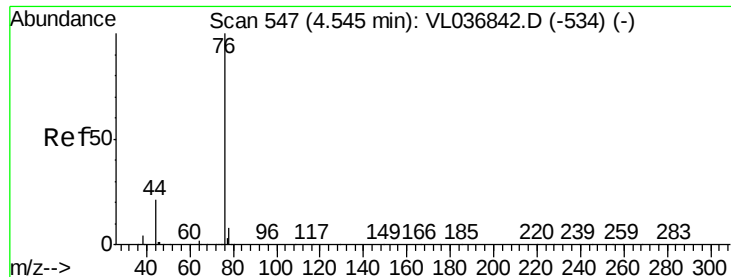
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 9.041 ppbv

RT: 4.56 Instrument:

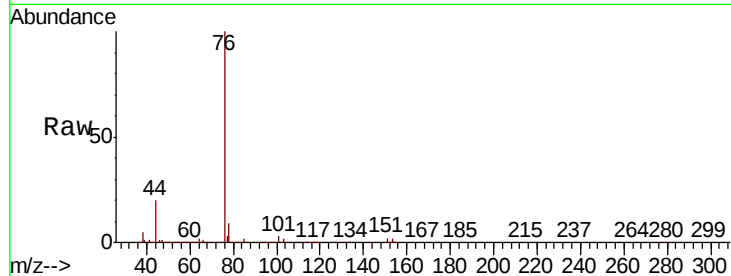
Delta R.T. MSVOA_L

Lab File:

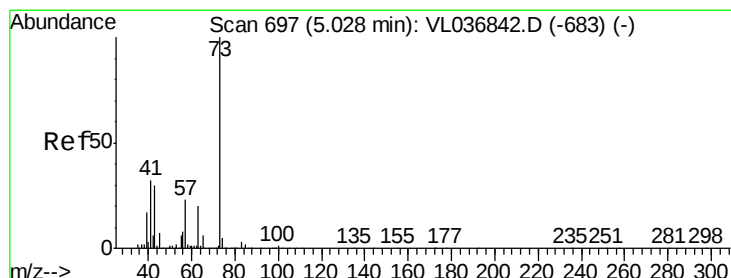
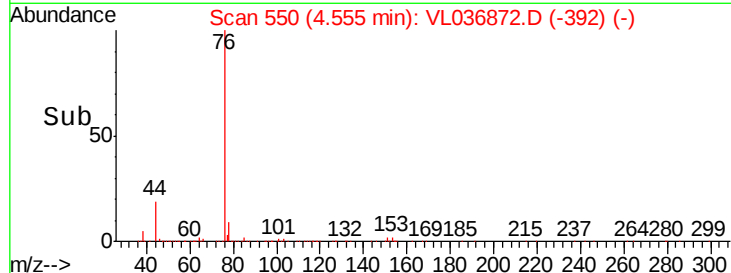
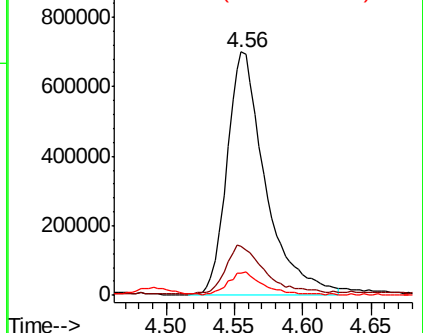
Acq: 28 Apr 2021 00:30

Tot Ion: 76 Resp: 1366589

Ion	Ratio	Lower	Upper
76	100		
44	21.1	16.9	25.3
78	9.5	7.9	11.9



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: 10.391 ppbv

RT: 5.04 min Scan# 701

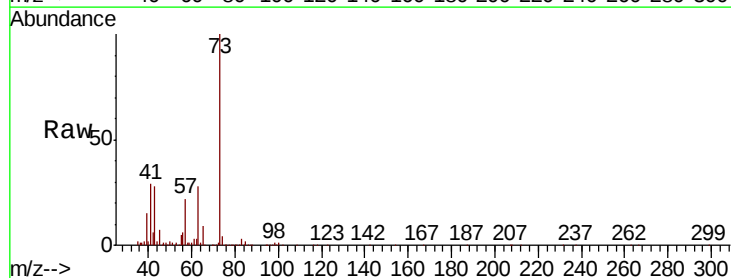
Delta R.T. 0.01 min

Lab File: VL036872.D

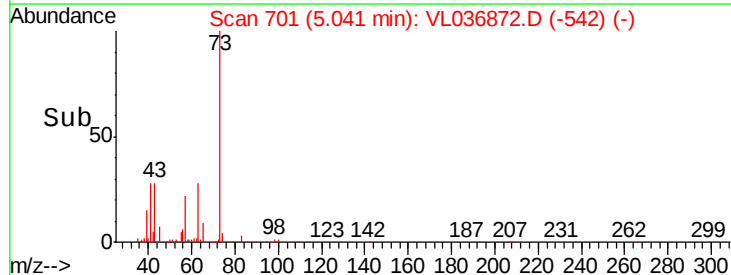
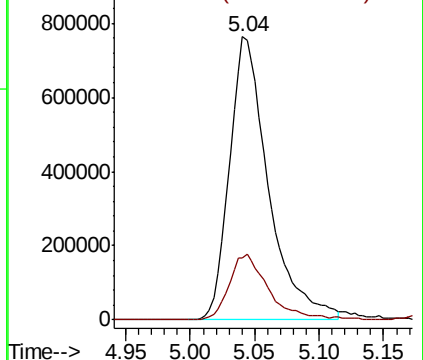
Acq: 28 Apr 2021 00:30

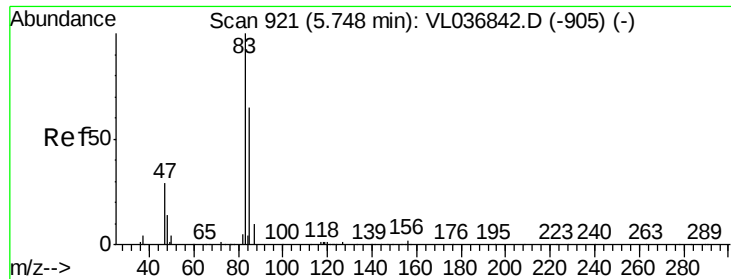
Tgt Ion: 73 Resp: 1602901

Ion	Ratio	Lower	Upper
73	100		
57	23.6	19.0	28.6



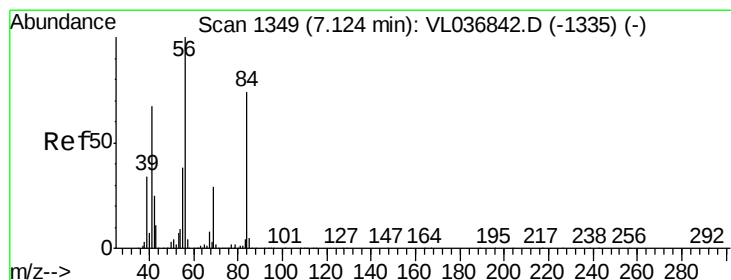
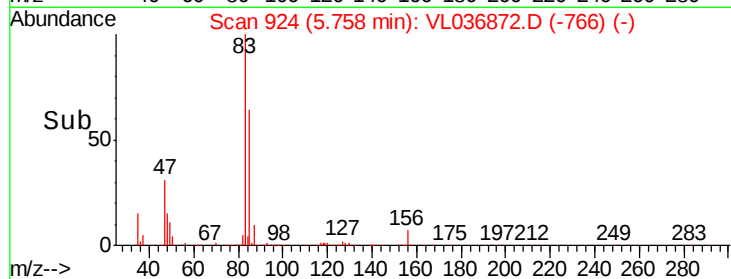
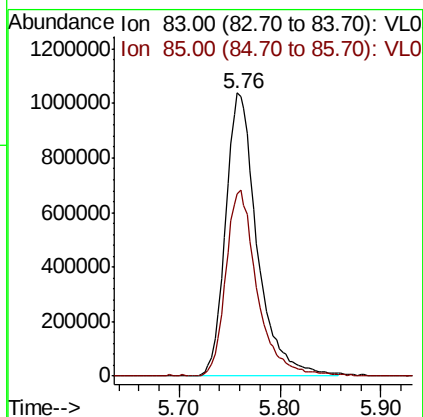
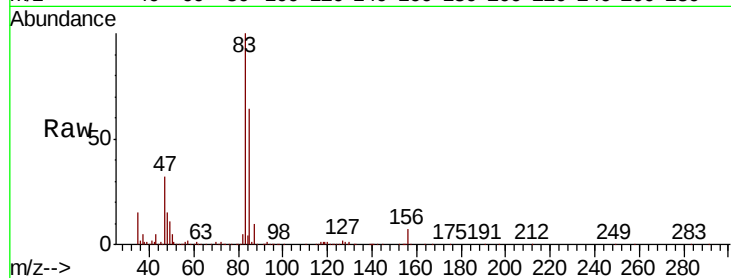
Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





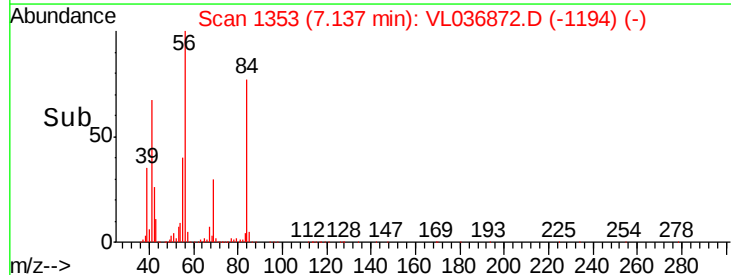
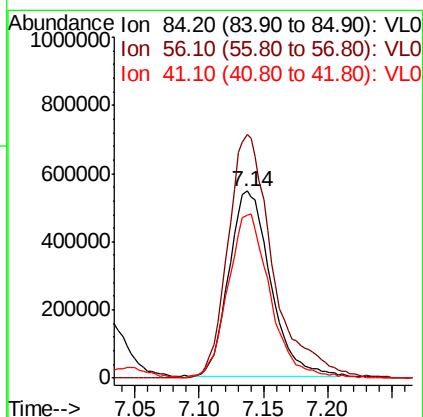
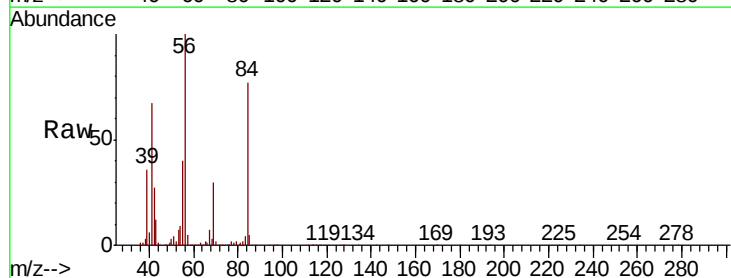
#29
Chloroform
Concen: 8.356 ppbv
RT: 5.76
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 28 Apr 2021 00:30

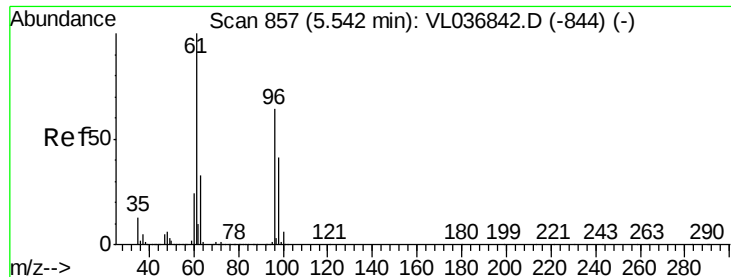
Tot Ion: 83 Resp: 2267051
Ion Ratio Lower Upper
83 100
85 64.3 52.2 78.4



#30
Cyclohexane
Concen: 8.845 ppbv
RT: 7.14 min Scan# 1353
Delta R.T.: 0.01 min
Lab File: VL036872.D
Acq: 28 Apr 2021 00:30

Tgt Ion: 84 Resp: 1220615
Ion Ratio Lower Upper
84 100
56 142.8 115.8 173.6
41 89.0 74.6 111.8





#31

cis-1,2-Dichloroethene

Concen: 9.101 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Apr 2021 00:30

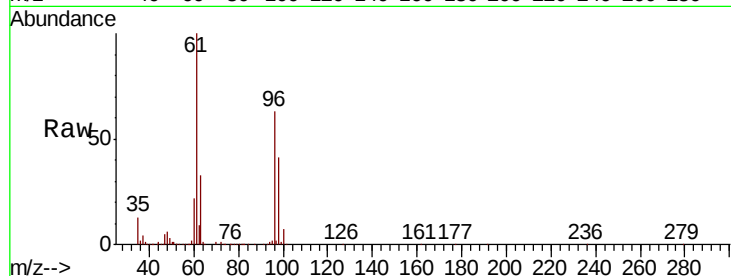
Tot Ion: 61 Resp: 1421665

Ion Ratio Lower Upper

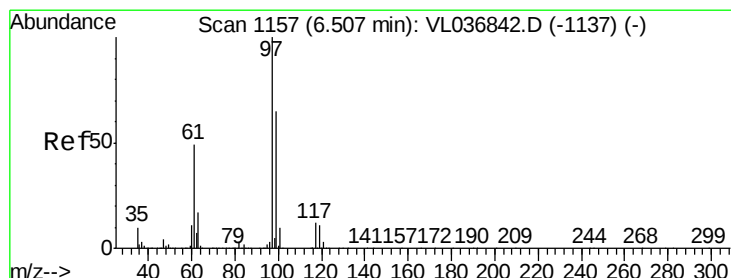
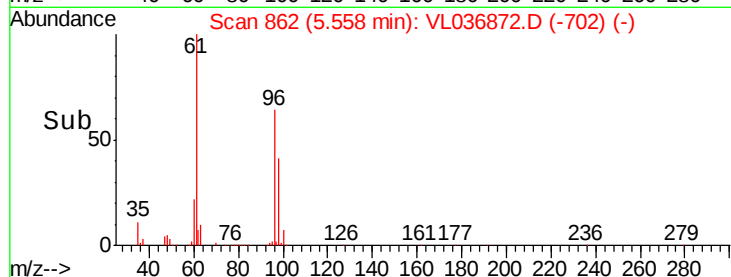
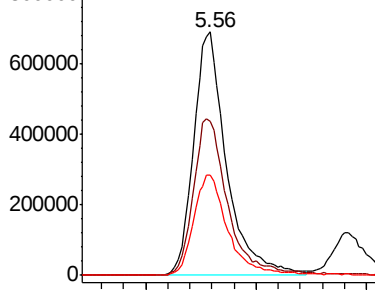
61 100

96 63.2 51.0 76.6

98 41.3 32.7 49.1



Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 8.408 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. 0.01 min

Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

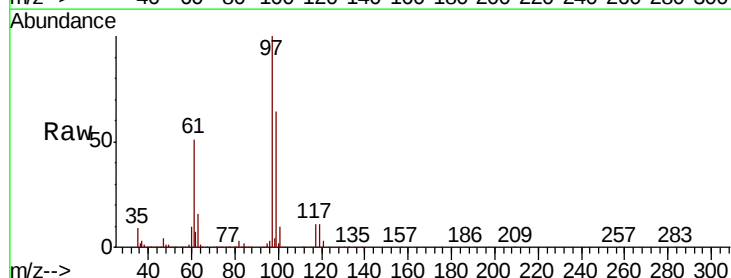
Tgt Ion: 97 Resp: 2319781

Ion Ratio Lower Upper

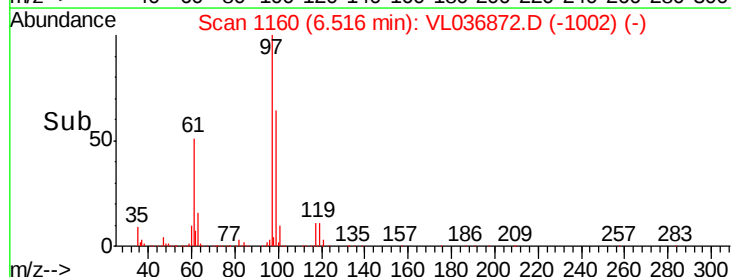
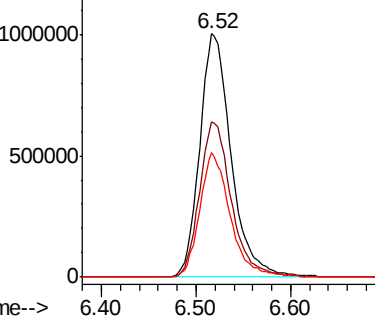
97 100

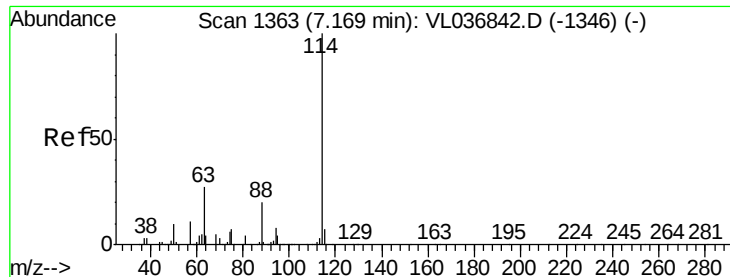
99 64.8 51.8 77.6

61 49.5 40.8 61.2



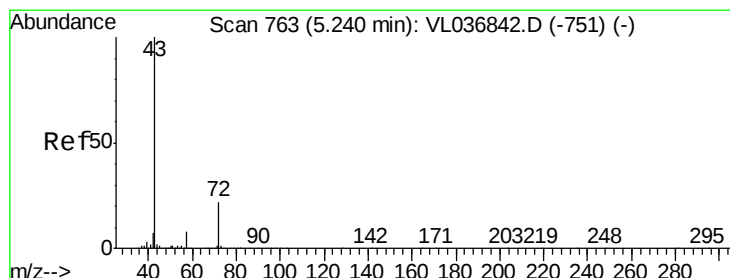
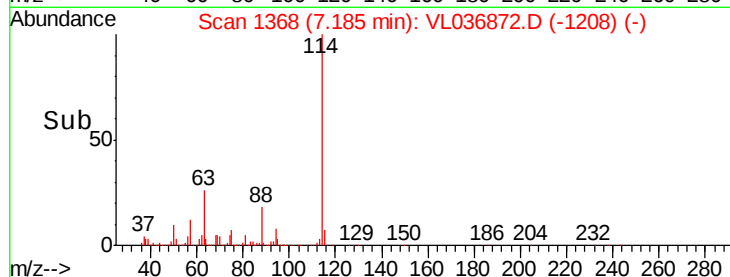
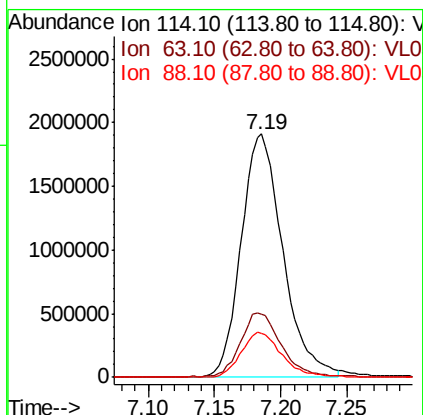
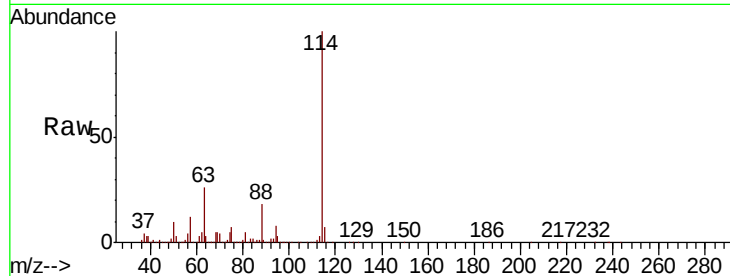
Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0





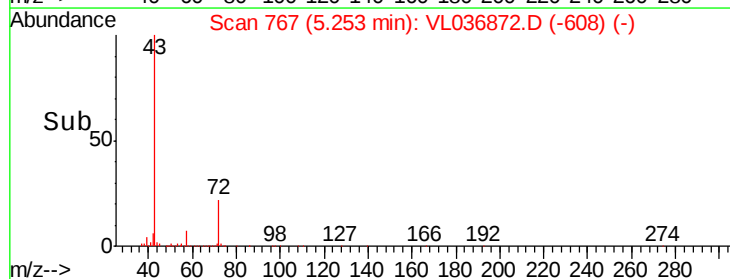
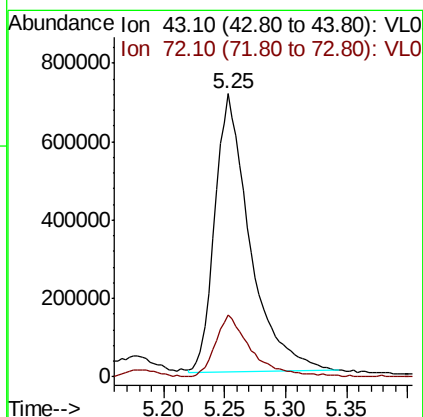
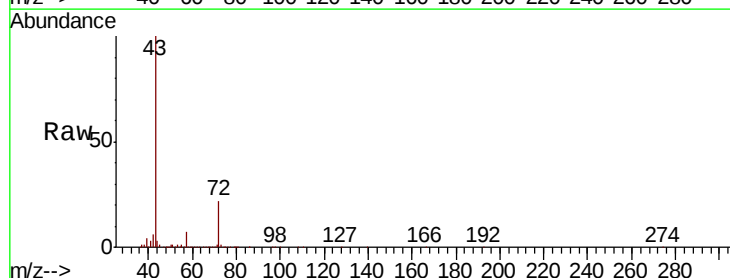
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 28 Apr 2021 00:30

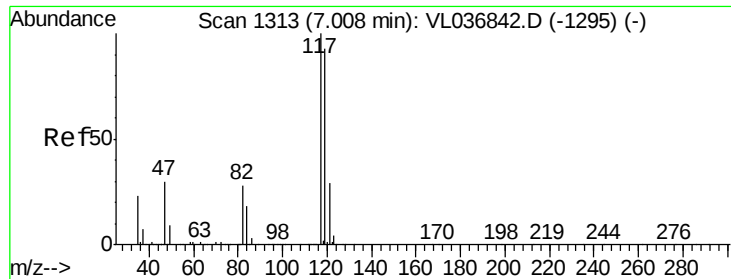
Tot Ion:114 Resp: 4184297
 Ion Ratio Lower Upper
 114 100
 63 26.6 21.9 32.9
 88 18.4 15.1 22.7



#34
 2-Butanone
 Concen: 7.838 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T.: 0.01 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Tgt Ion: 43 Resp: 1436599
 Ion Ratio Lower Upper
 43 100
 72 22.8 17.6 26.4

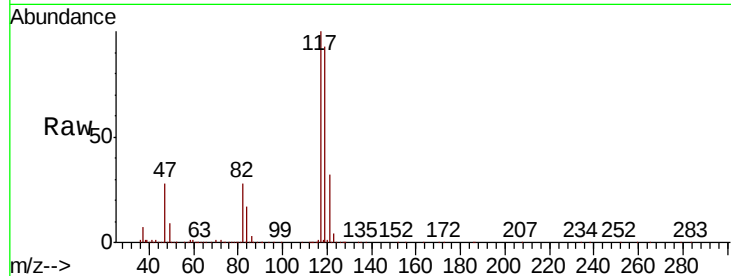




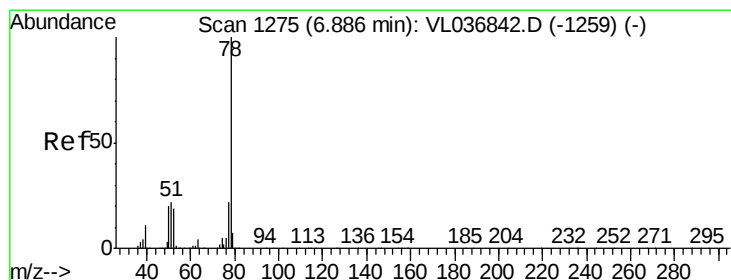
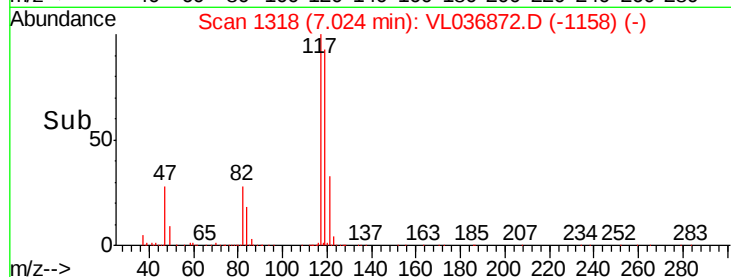
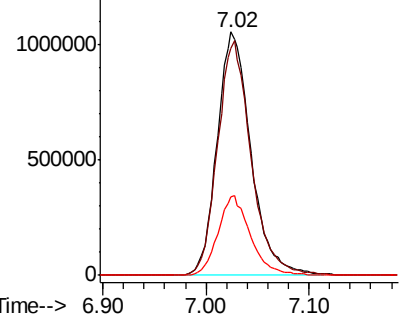
#35
Carbon Tetrachloride
Concen: 8.475 ppbv
RT: 7.02 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 28 Apr 2021 00:30

Tot Ion: 117 Resp: 2406185

Ion	Ratio	Lower	Upper
117	100		
119	93.3	74.6	111.8
121	32.3	23.3	34.9



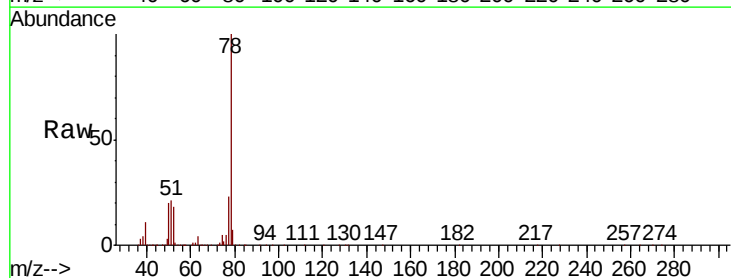
Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



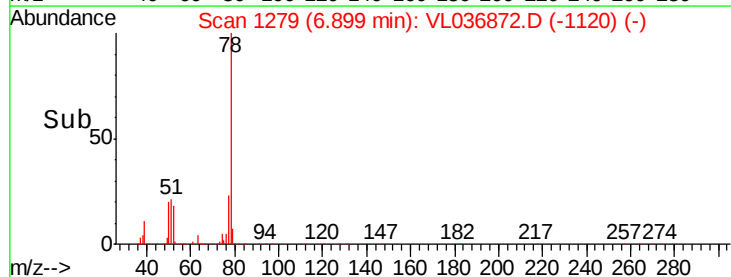
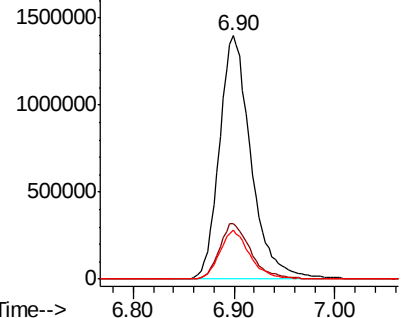
#36
Benzene
Concen: 8.632 ppbv
RT: 6.90 min Scan# 1279
Delta R.T.: 0.01 min
Lab File: VL036872.D
Acq: 28 Apr 2021 00:30

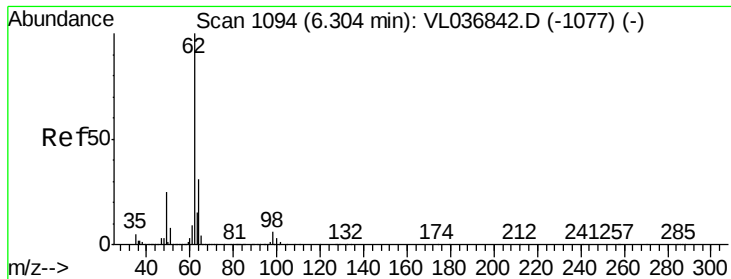
Tgt Ion: 78 Resp: 3043269

Ion	Ratio	Lower	Upper
78	100		
77	22.9	17.6	26.4
50	20.0	16.3	24.5



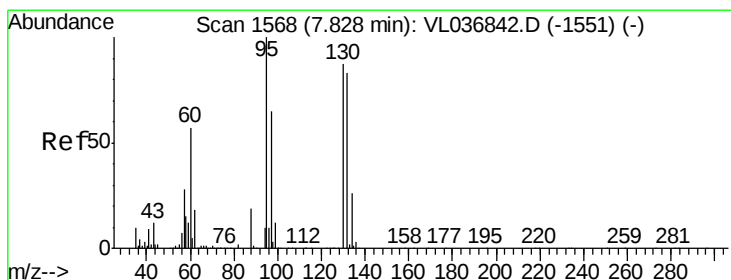
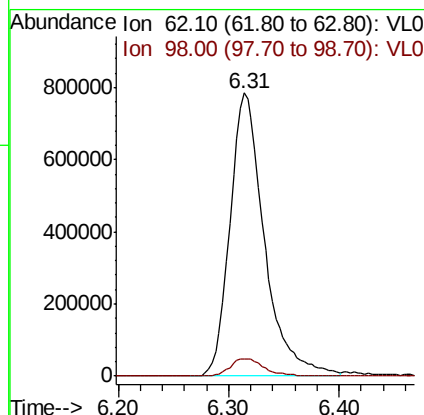
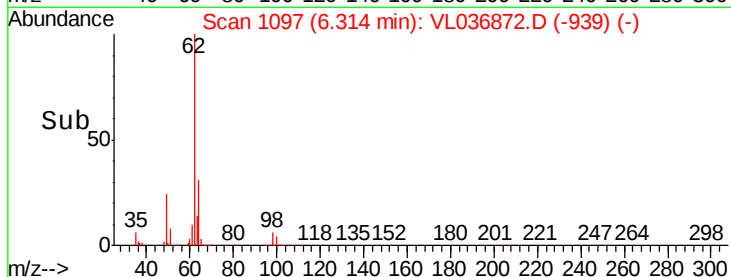
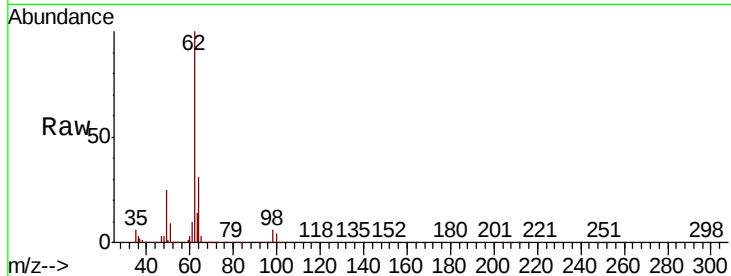
Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





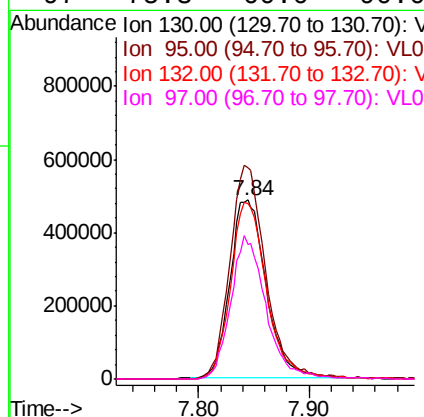
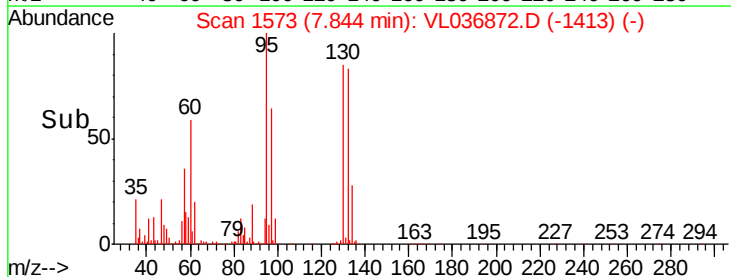
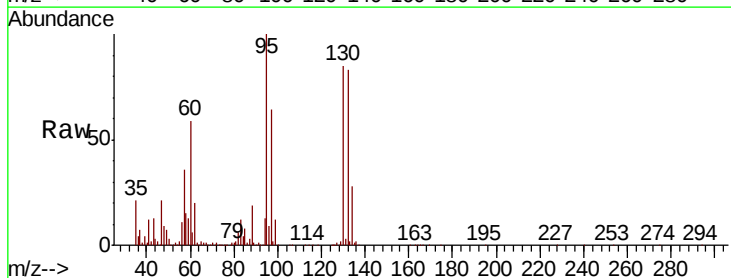
#37
 1,2-Dichloroethane
 Concen: 8.507 ppbv
 RT: 6.31
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 28 Apr 2021 00:30

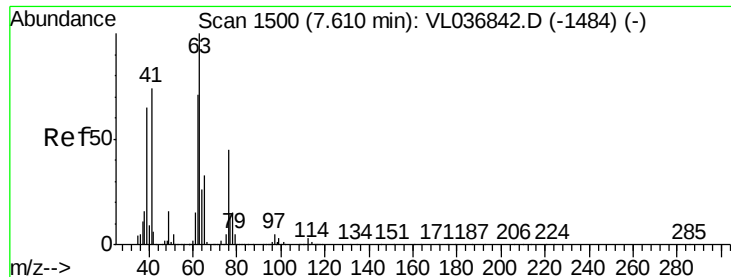
Tot Ion: 62 Resp: 1698261
 Ion Ratio Lower Upper
 62 100
 98 6.5 4.8 7.2



#38
 Trichloroethene
 Concen: 8.829 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T.: 0.02 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Tgt Ion: 130 Resp: 1108198
 Ion Ratio Lower Upper
 130 100
 95 118.5 92.3 138.5
 132 98.5 76.8 115.2
 97 75.3 60.0 90.0

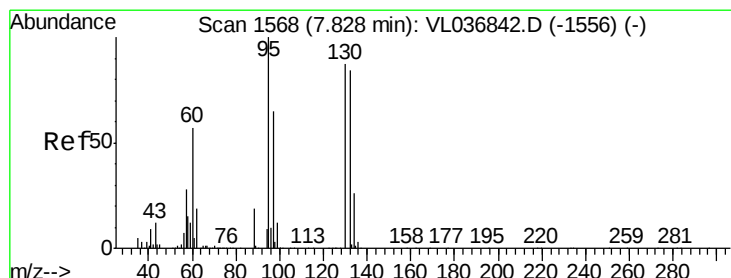
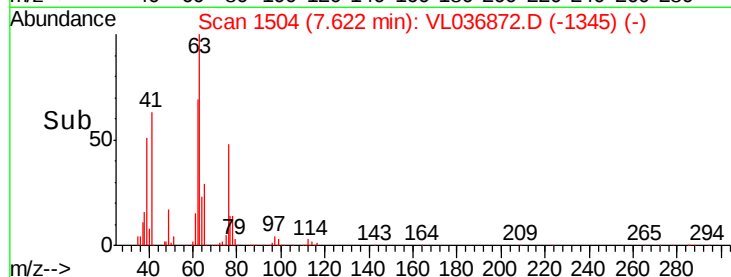
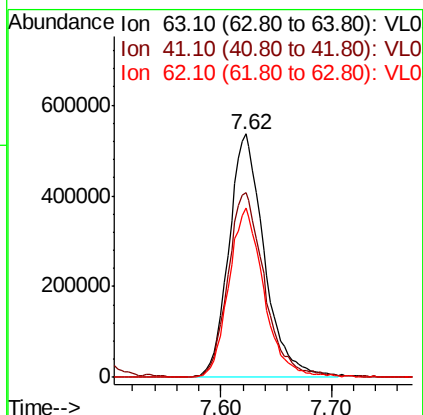
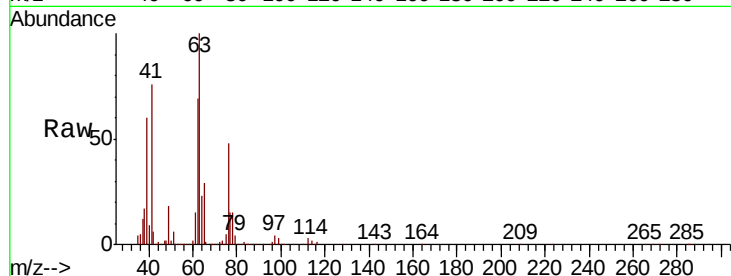




#39
 1,2-Dichloropropane
 Concen: 8.403 ppbv
 RT: 7.62
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 28 Apr 2021 00:30

Tot Ion: 63 Resp: 1186857

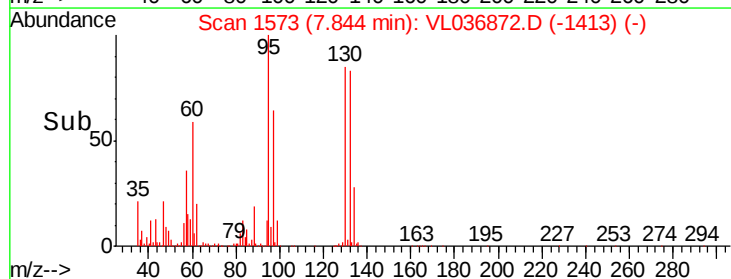
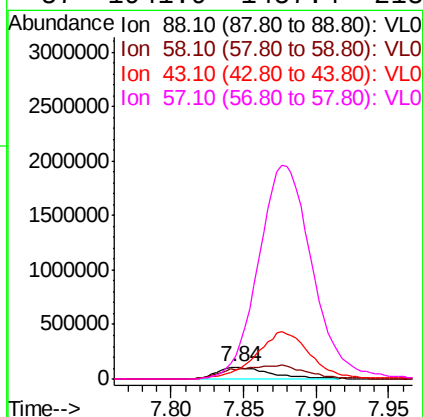
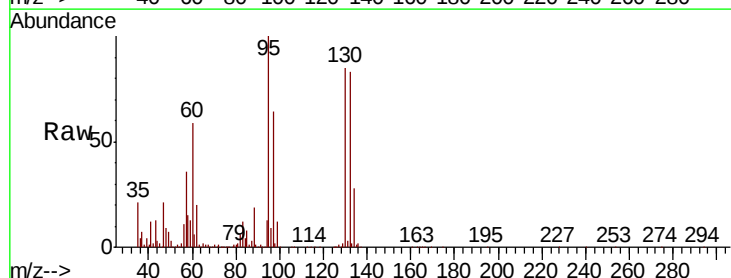
Ion	Ratio	Lower	Upper
63	100		
41	75.5	59.1	88.7
62	69.4	56.9	85.3

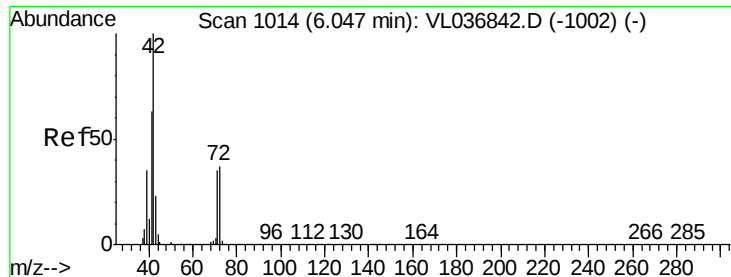


#40
 1,4-Dioxane
 Concen: 7.701 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T.: 0.02 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Tgt Ion: 88 Resp: 262654

Ion	Ratio	Lower	Upper
88	100		
58	171.4	132.6	198.8
43	436.0	331.5	497.3
57	1941.9	1457.4	2186.0





#41

Tetrahydrofuran

Concen: 8.305 ppbv

RT: 6.06

Delta R.T. MSVOA_L

Lab File:

Acq: 28 Apr 2021 00:30

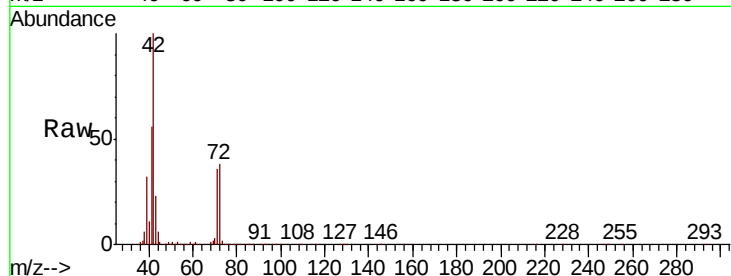
Tot Ion: 42 Resp: 665885

Ion Ratio Lower Upper

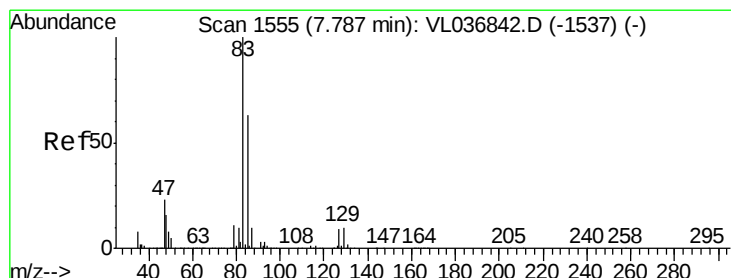
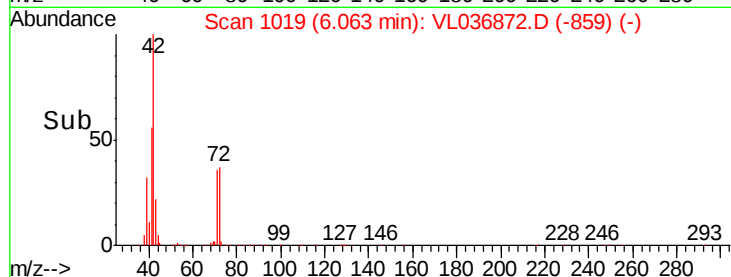
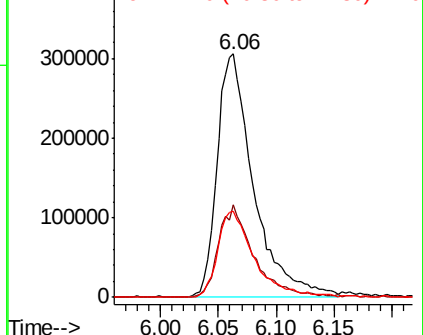
42 100

72 36.9 29.7 44.5

71 36.5 29.0 43.6



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: 8.662 ppbv

RT: 7.80 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

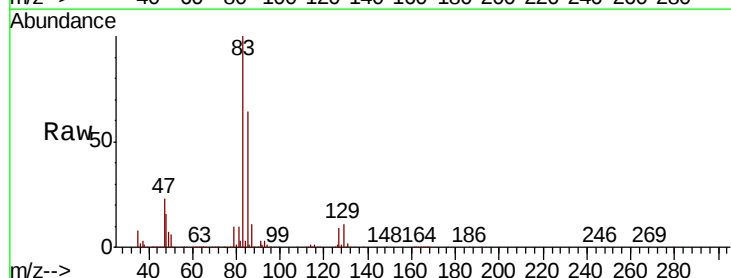
Tgt Ion: 83 Resp: 2402569

Ion Ratio Lower Upper

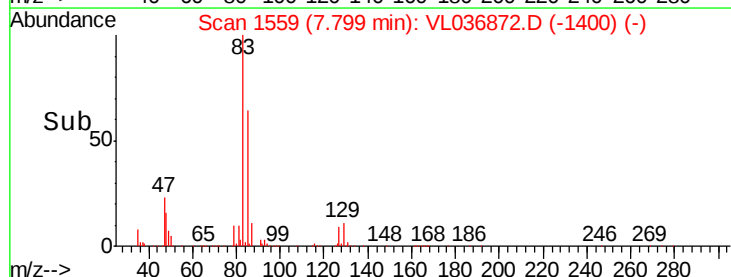
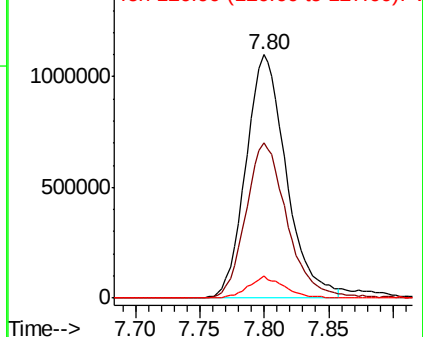
83 100

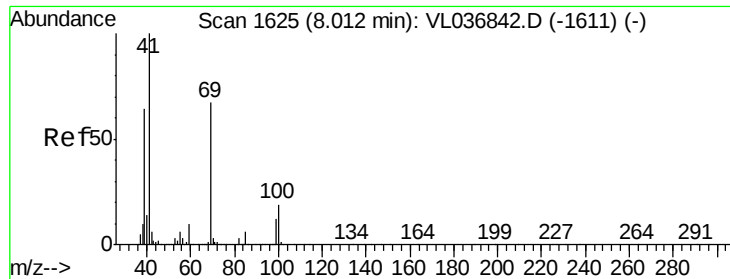
85 63.7 50.4 75.6

127 8.9 6.9 10.3



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: 9.898 ppbv

RT: 8.02 Instrument:

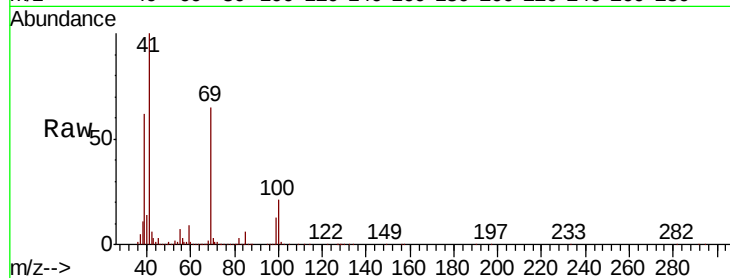
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Apr 2021 00:30

Tot Ion: 69 Resp: 1138691

Ion	Ratio	Lower	Upper
69	100		
41	151.4	124.2	186.4
100	32.3	25.5	38.3



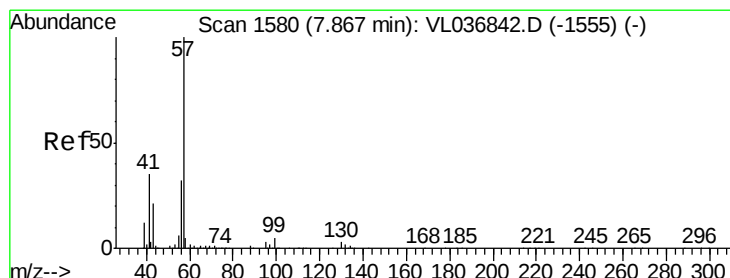
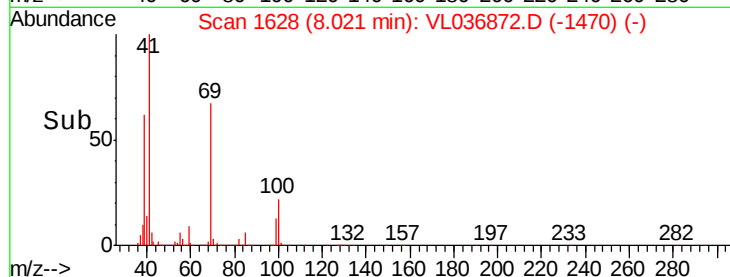
Abundance

Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0

Time-->



#44

2,2,4-Trimethylpentane

Concen: 8.423 ppbv

RT: 7.88 min Scan# 1583

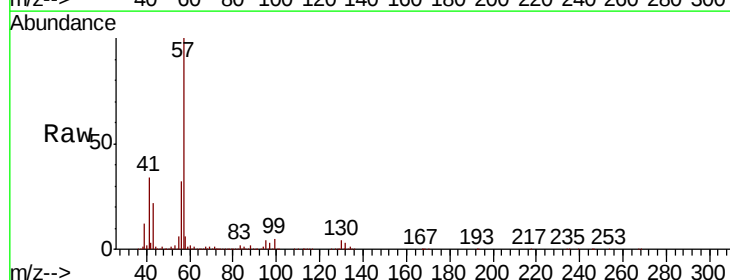
Delta R.T. 0.01 min

Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

Tgt Ion: 57 Resp: 5089310

Ion	Ratio	Lower	Upper
57	100		
41	35.3	28.2	42.4
56	32.0	25.9	38.9



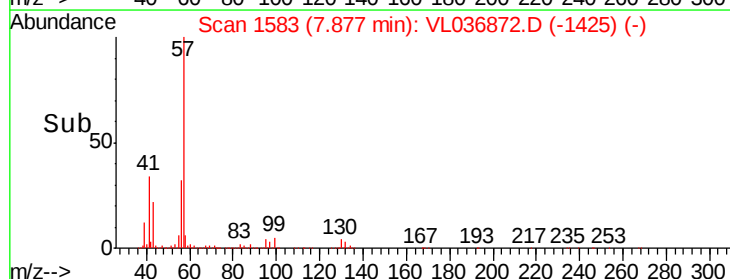
Abundance

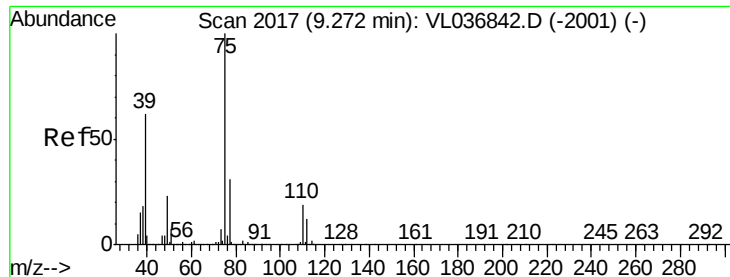
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0

Time-->





#45

t-1,3-Dichloropropene

Concen: 6.627 ppbv

RT: 9.29 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

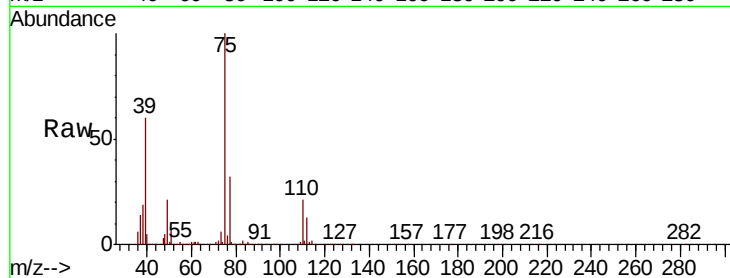
Acq: 28 Apr 2021 00:30

Tot Ion: 75 Resp: 821854

Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

9.29

400000

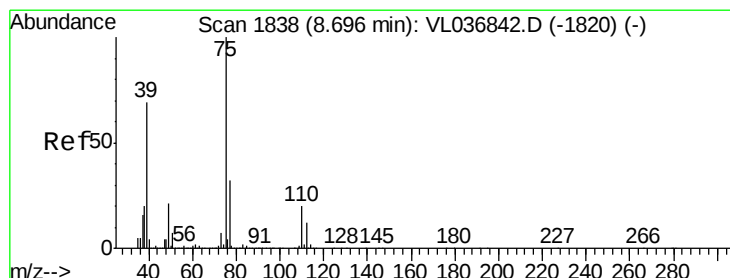
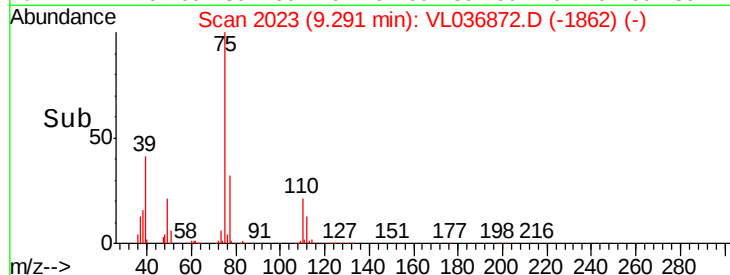
300000

200000

100000

0

Time-->



#46

cis-1,3-Dichloropropene

Concen: 7.097 ppbv

RT: 8.72 min Scan# 1844

Delta R.T. 0.02 min

Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

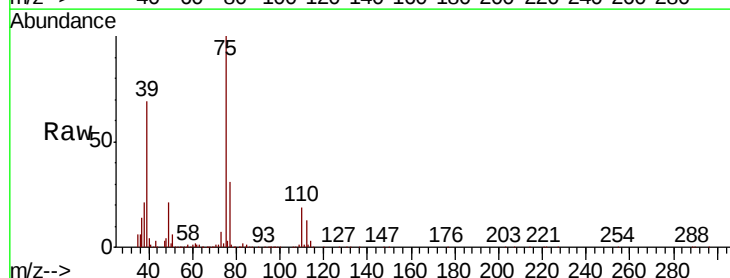
Tgt Ion: 75 Resp: 1128393

Ion Ratio Lower Upper

75 100

39 68.5 55.4 83.0

77 31.0 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0

8.72

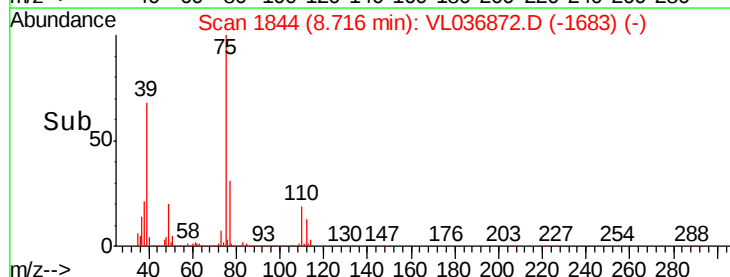
600000

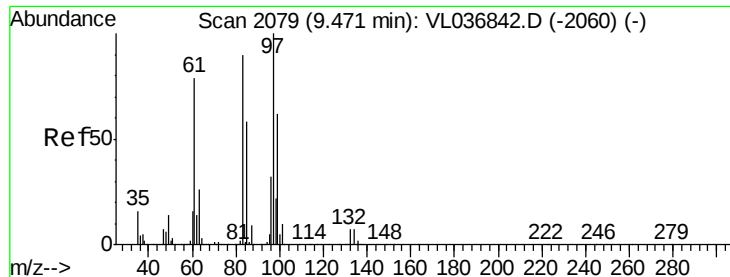
400000

200000

0

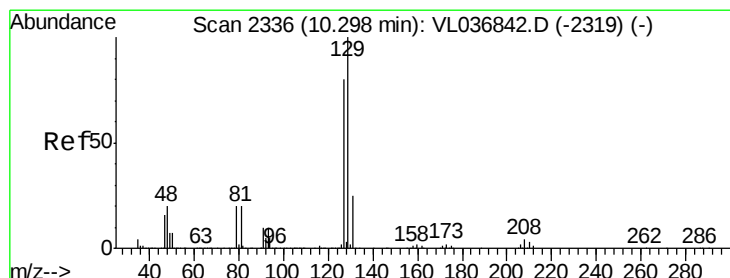
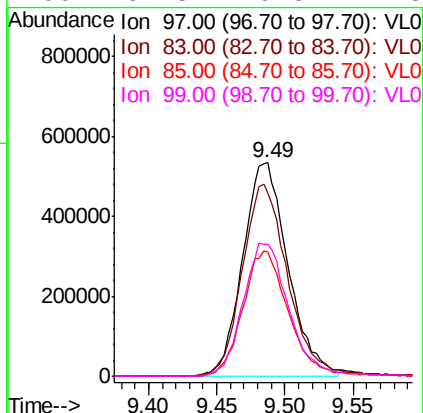
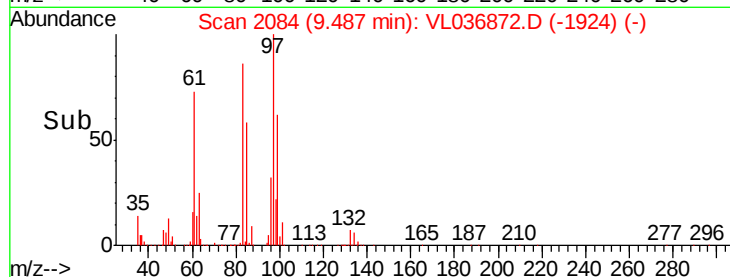
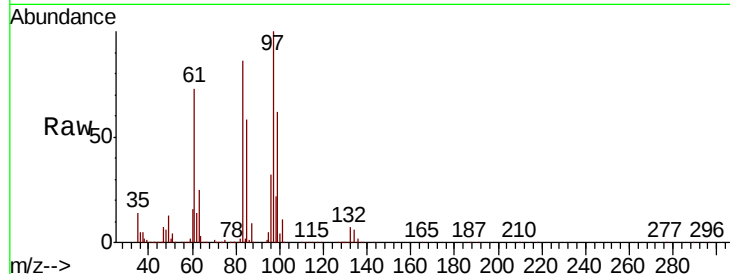
Time-->





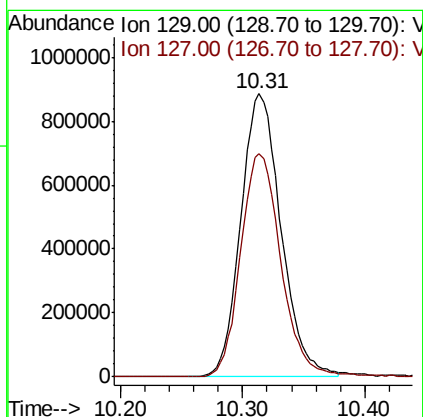
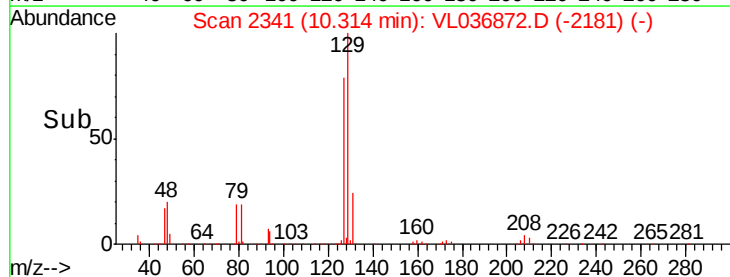
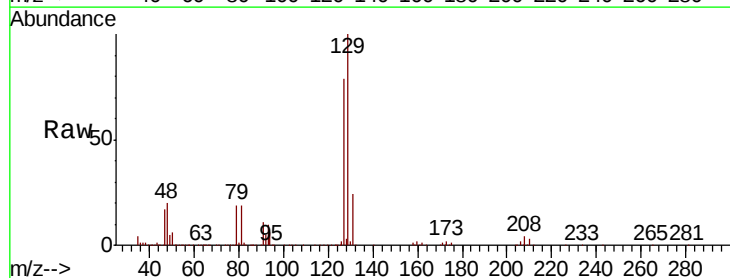
#47
 1,1,2-Trichloroethane
 Concen: 8.363 ppbv
 RT: 9.49 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 28 Apr 2021 00:30

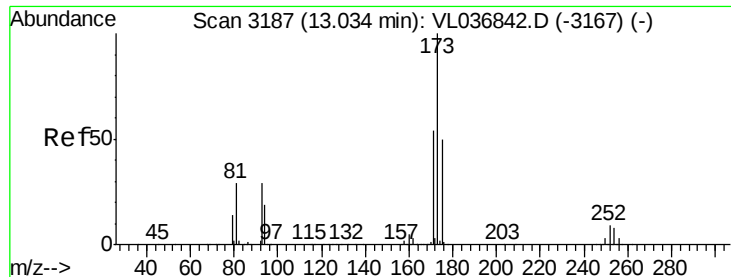
Tot Ion:	97	Resp:	1222939
Ion	Ratio	Lower	Upper
97	100		
83	85.8	71.9	107.9
85	58.0	46.5	69.7
99	61.8	49.8	74.8



#48
 Dibromochloromethane
 Concen: 9.309 ppbv
 RT: 10.31 min Scan# 2341
 Delta R.T.: 0.02 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Tgt Ion:	129	Resp:	2017012
Ion	Ratio	Lower	Upper
129	100		
127	79.4	40.2	120.5





#49

Bromoform

Concen: 9.679 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File:

Acq: 28 Apr 2021 00:30

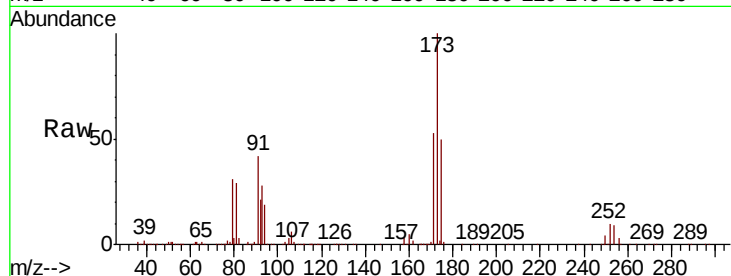
Tot Ion:173 Resp: 1674227

Ion Ratio Lower Upper

173 100

175 50.8 39.6 59.4

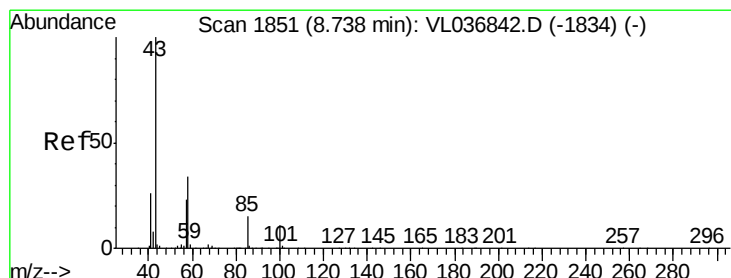
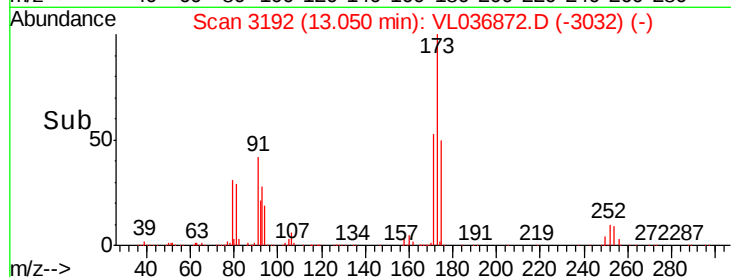
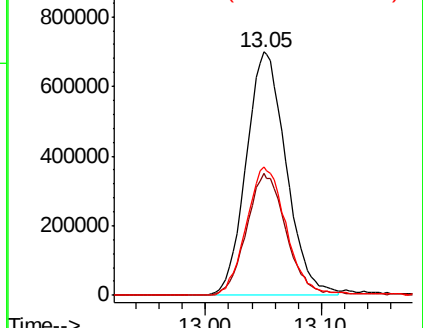
171 54.2 42.2 63.4



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: 8.323 ppbv

RT: 8.75 min Scan# 1856

Delta R.T. 0.02 min

Lab File: VL036872.D

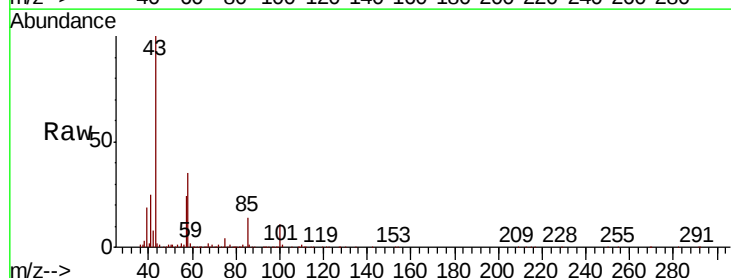
Acq: 28 Apr 2021 00:30

Tgt Ion: 43 Resp: 2085346

Ion Ratio Lower Upper

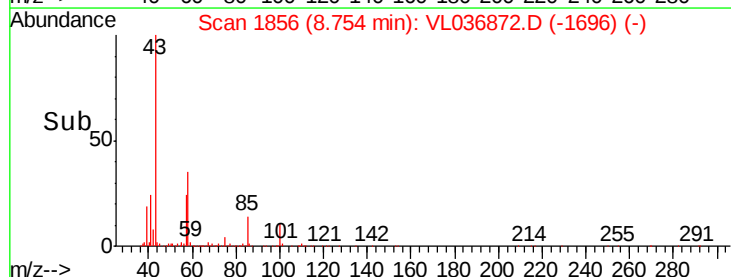
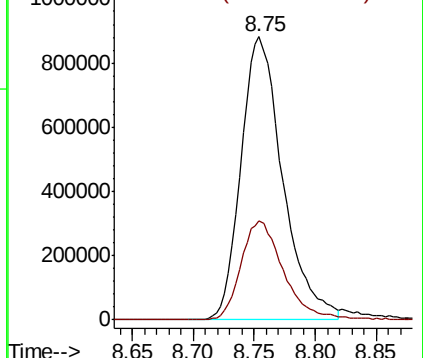
43 100

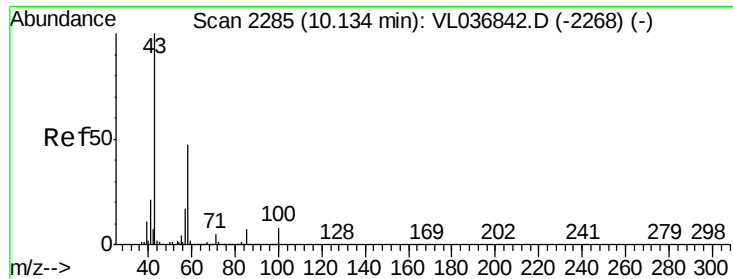
58 36.1 27.8 41.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

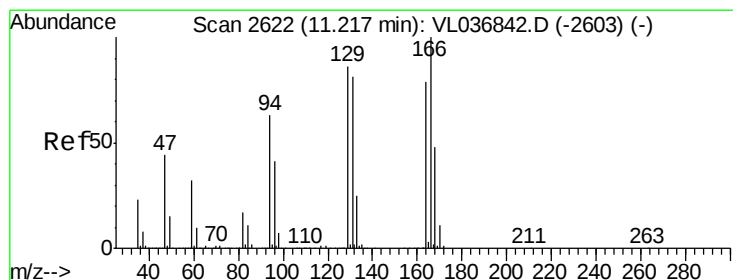
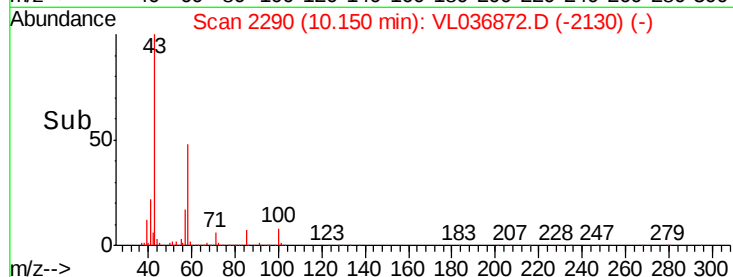
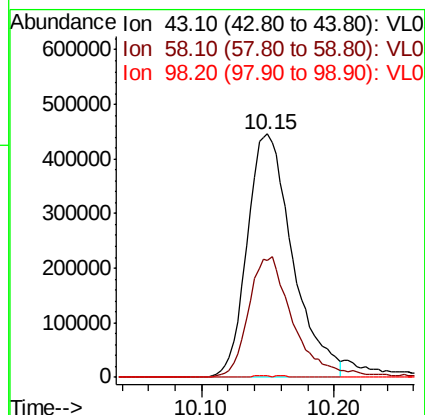
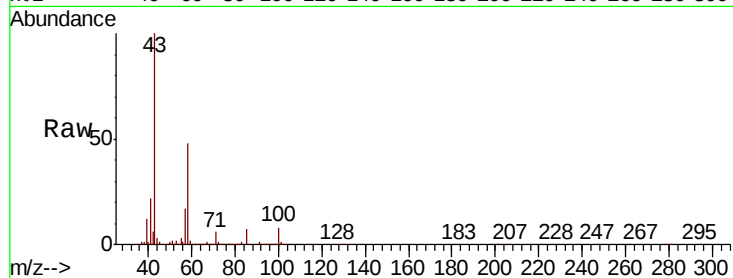
Ion 58.10 (57.80 to 58.80): VL0





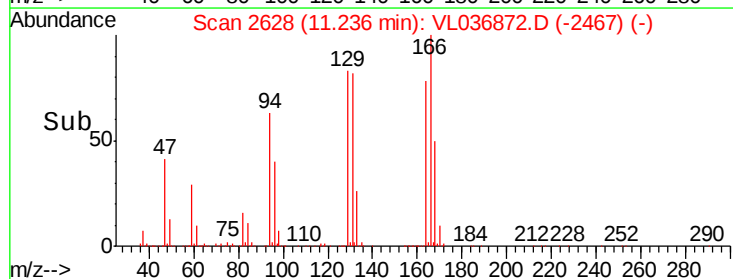
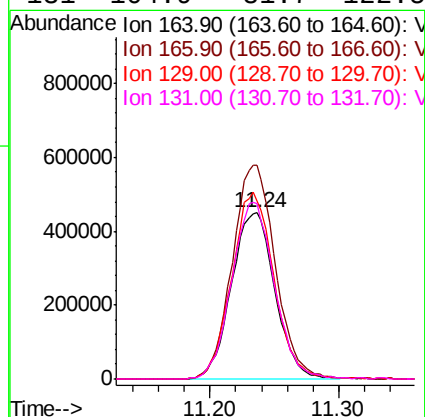
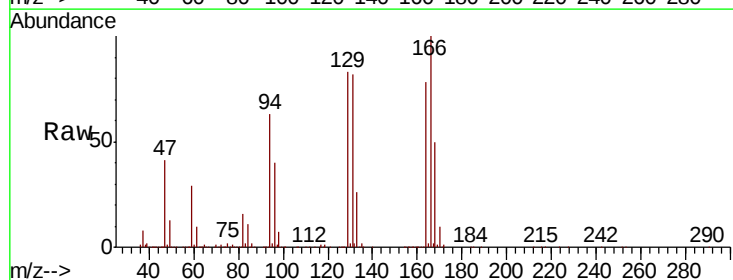
#51
2-Hexanone
Concen: 8.531 ppbv
RT: 10.15 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Apr 2021 00:30

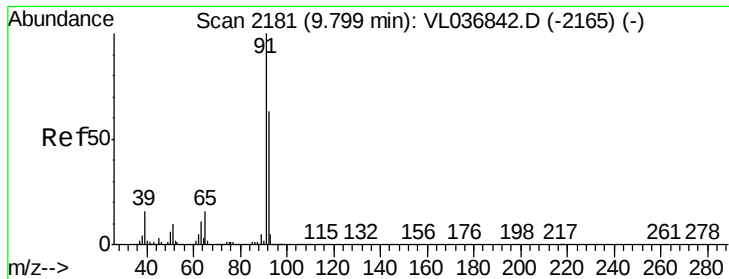
Tot Ion: 43 Resp: 1066061
Ion Ratio Lower Upper
43 100
58 49.6 37.0 55.6
98 0.6 0.2 0.4#



#52
Tetrachloroethene
Concen: 8.714 ppbv
RT: 11.24 min Scan# 2628
Delta R.T. 0.02 min
Lab File: VL036872.D
Acq: 28 Apr 2021 00:30

Tgt Ion: 164 Resp: 1046119
Ion Ratio Lower Upper
164 100
166 128.1 100.9 151.3
129 106.9 87.0 130.4
131 104.9 81.7 122.5





#53

Toluene

Concen: 9.243 ppbv

RT: 9.82 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

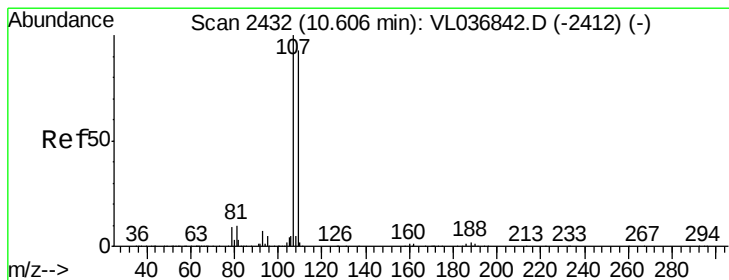
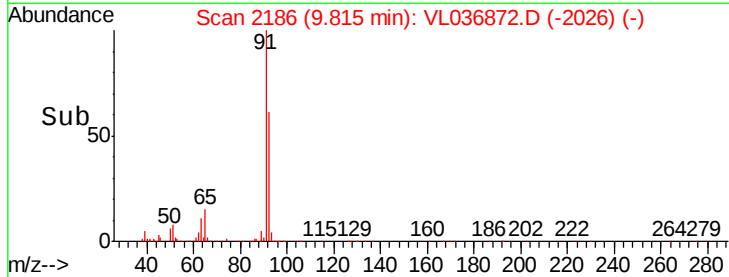
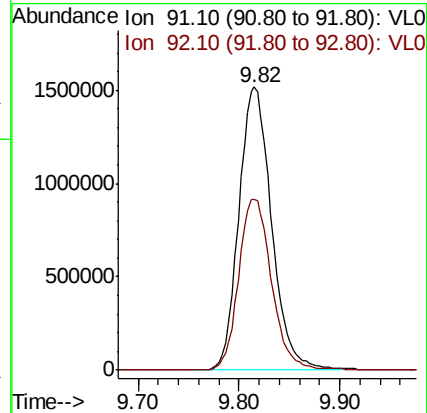
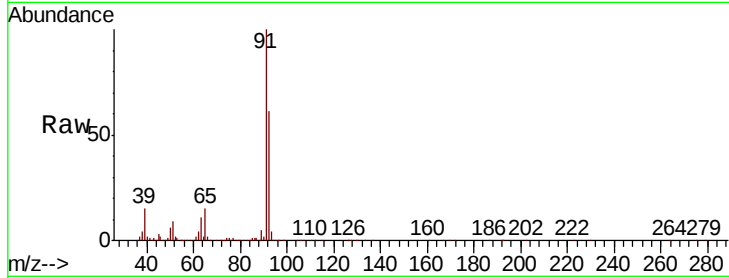
Acq: 28 Apr 2021 00:30

Tot Ion: 91 Resp: 3409724

Ion Ratio Lower Upper

91 100

92 61.1 49.0 73.4



#54

1,2-Dibromoethane

Concen: 8.369 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. 0.01 min

Lab File: VL036872.D

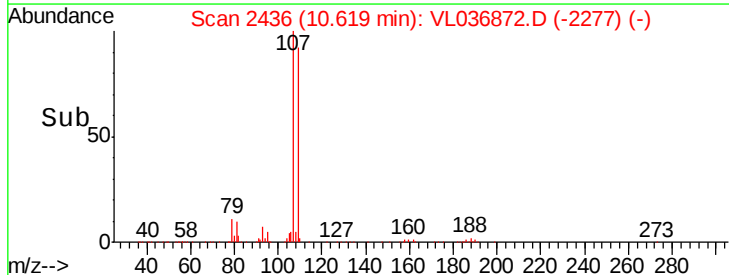
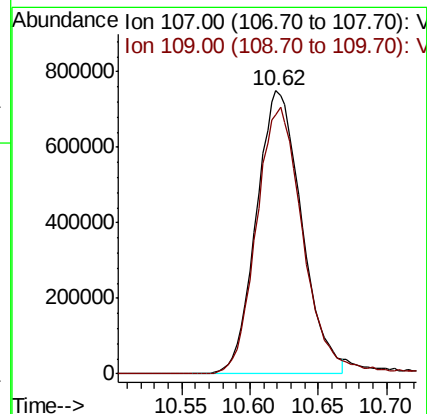
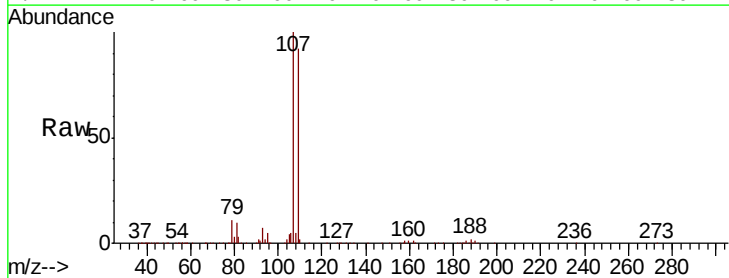
Acq: 28 Apr 2021 00:30

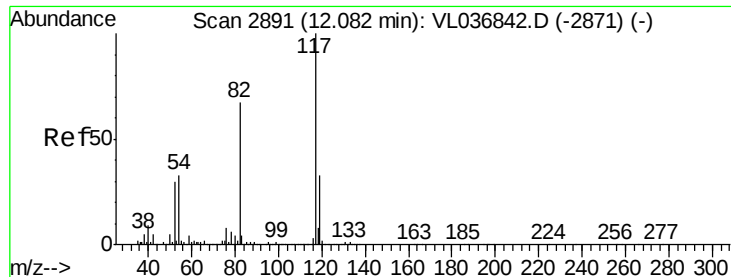
Tgt Ion: 107 Resp: 1727795

Ion Ratio Lower Upper

107 100

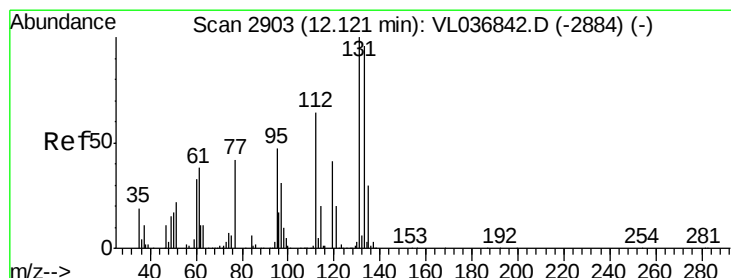
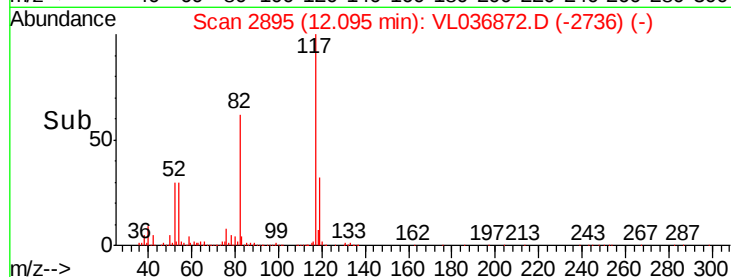
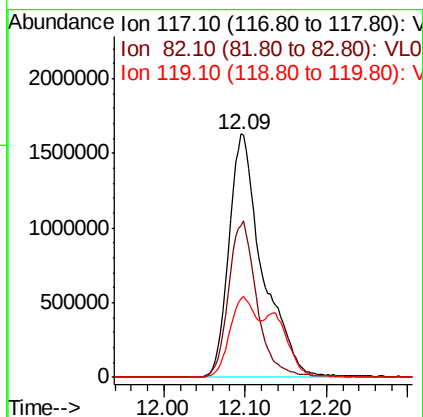
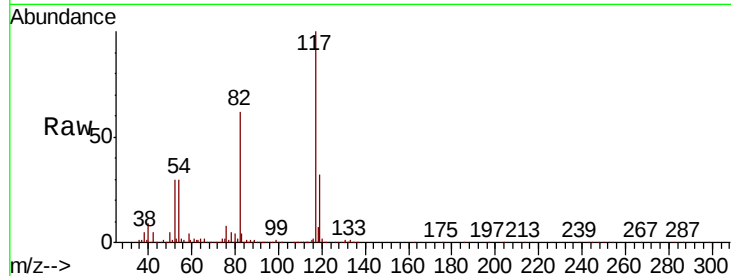
109 91.6 74.7 112.1





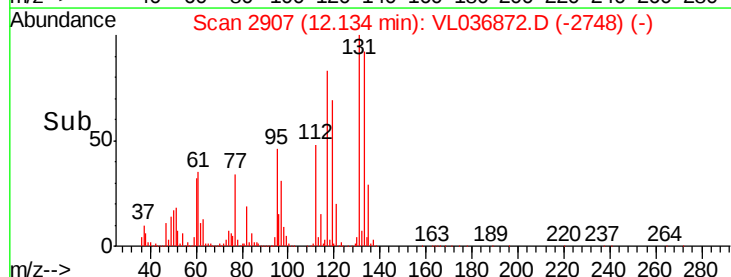
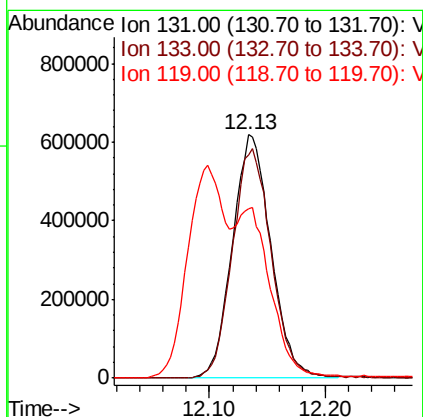
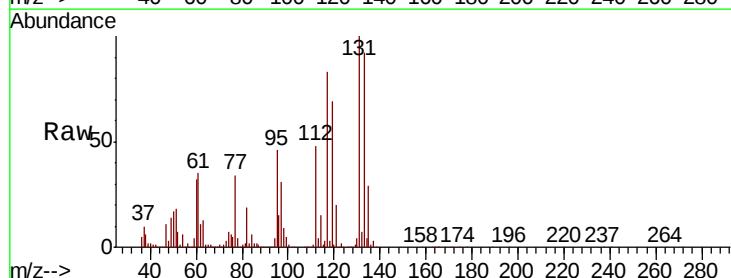
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 28 Apr 2021 00:30

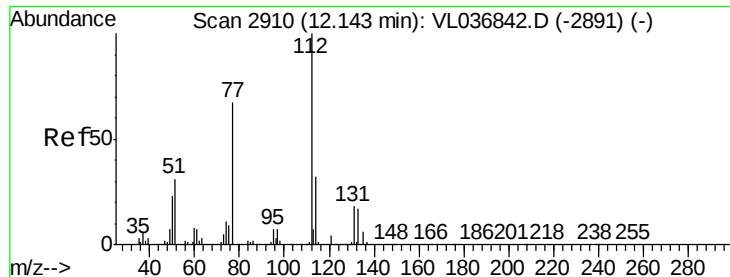
Tot Ion:117 Resp: 4702275
Ion Ratio Lower Upper
117 100
82 54.9 53.5 80.3
119 45.8 25.6 38.4#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.203 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. 0.01 min
Lab File: VL036872.D
Acq: 28 Apr 2021 00:30

Tgt Ion:131 Resp: 1419989
Ion Ratio Lower Upper
131 100
133 96.2 76.3 114.5
119 151.6 114.9 172.3





#57

Chlorobenzene

Concen: 6.842 ppbv

RT: 12.16 min

Delta R.T. MSVOA_L

Lab File:

Acq: 28 Apr 2021 00:30

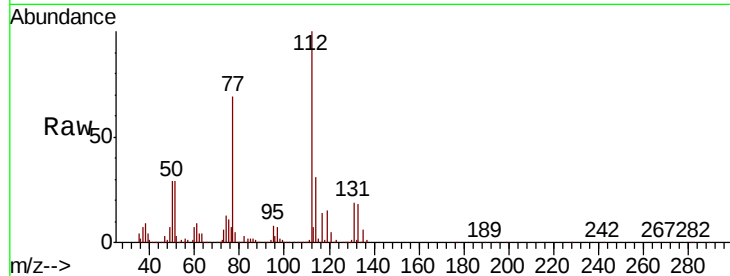
Tot Ion: 112 Resp: 2506090

Ion Ratio Lower Upper

112 100

77 67.8 54.2 81.4

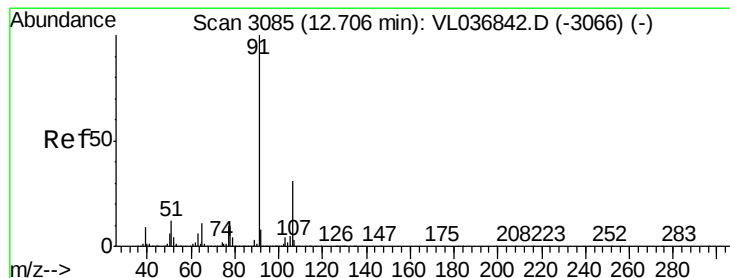
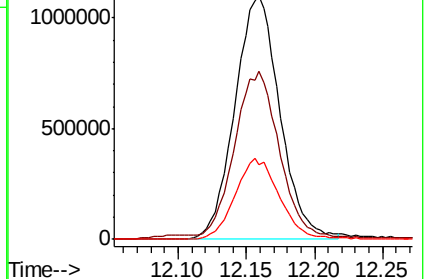
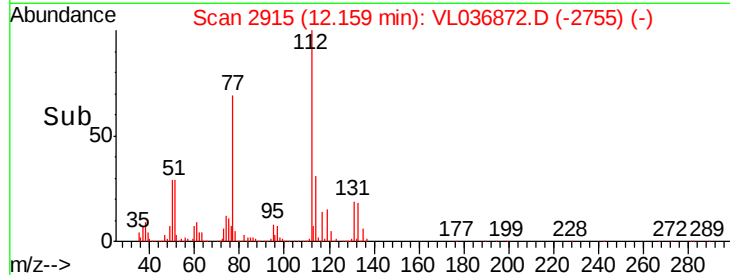
114 30.7 28.5 34.9



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: 7.595 ppbv

RT: 12.72 min Scan# 3089

Delta R.T. 0.01 min

Lab File: VL036872.D

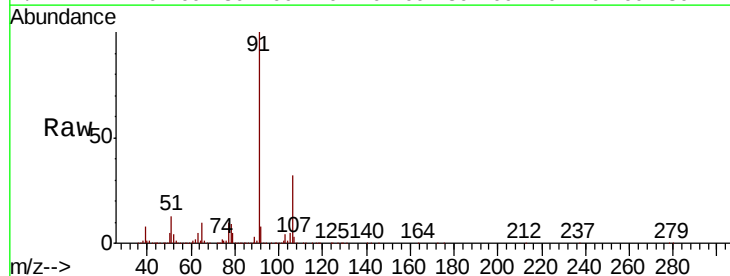
Acq: 28 Apr 2021 00:30

Tgt Ion: 91 Resp: 4529722

Ion Ratio Lower Upper

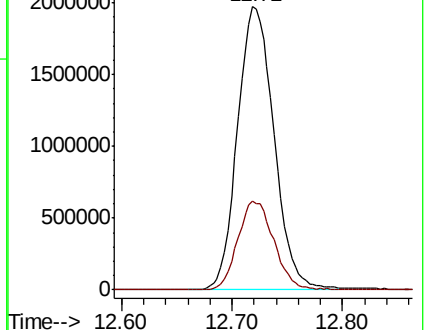
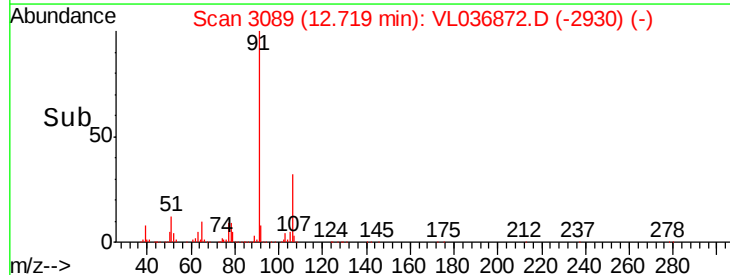
91 100

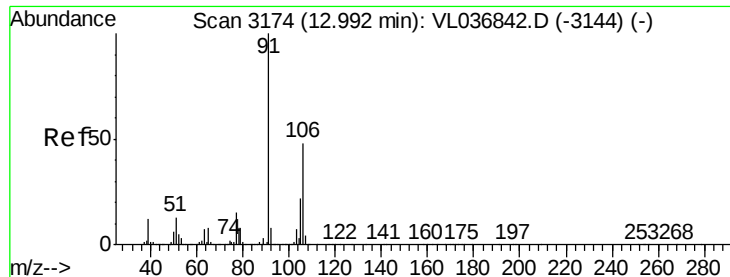
106 31.6 25.1 37.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

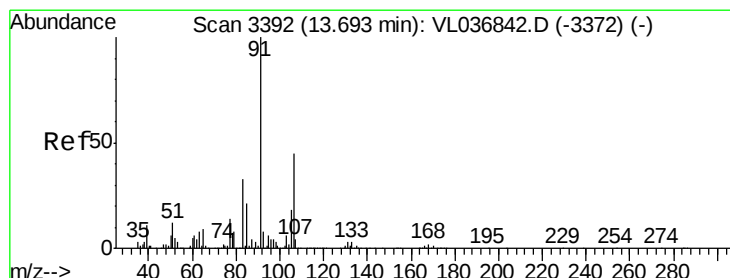
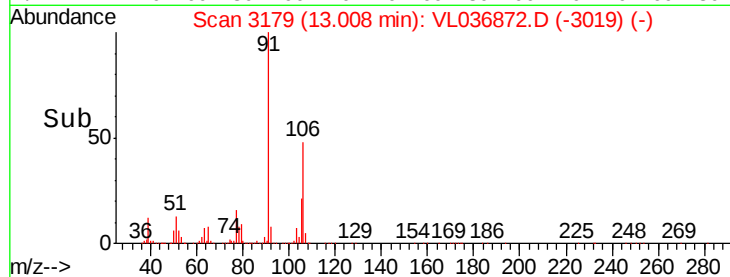
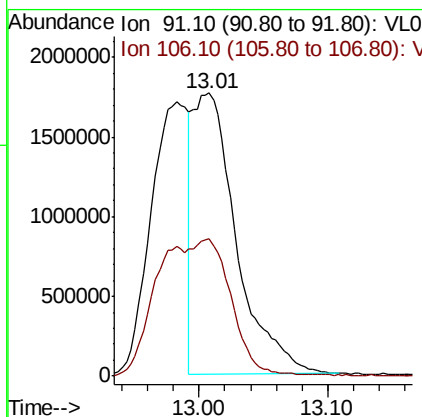
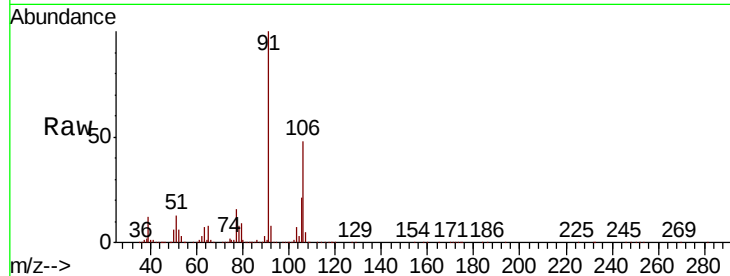
Ion 106.10 (105.80 to 106.80): V





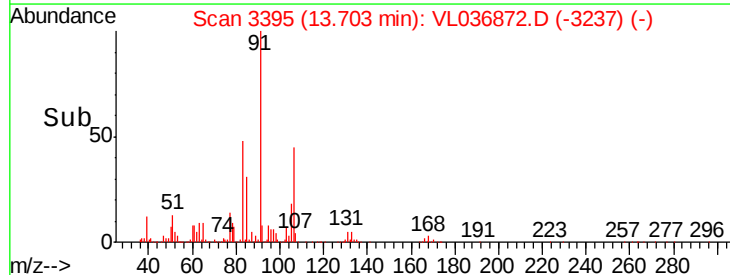
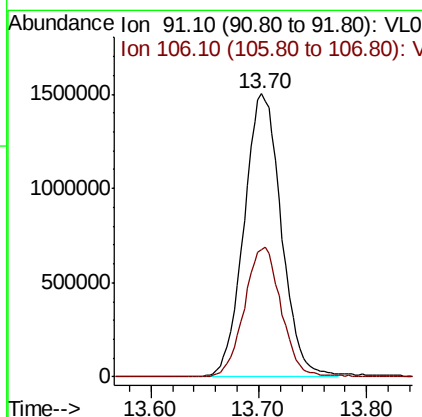
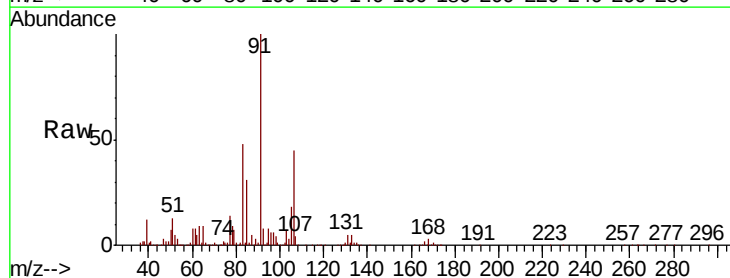
#59
m/p-Xylene
Concen: 7.710 ppbv
RT: 13.01 min
Delta R.T. 0.01 min
Lab File: VL036872.D
Acq: 28 Apr 2021 00:30

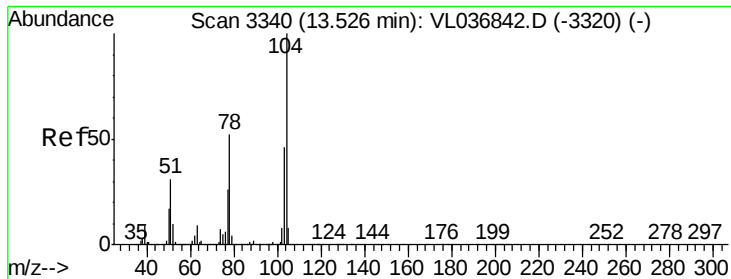
Tot Ion: 91 Resp: 4110129
Ion Ratio Lower Upper
91 100
106 83.5 35.8 53.6#



#60
o-Xylene
Concen: 6.982 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. 0.01 min
Lab File: VL036872.D
Acq: 28 Apr 2021 00:30

Tgt Ion: 91 Resp: 3598907
Ion Ratio Lower Upper
91 100
106 45.4 22.6 67.7





#61

Stvrene

Concen: 8.086 ppbv

RT: 13.54

Delta R.T. MSVOA_L

Lab File:

Acq: 28 Apr 2021 00:30

Instrument :

ClientSampleId :

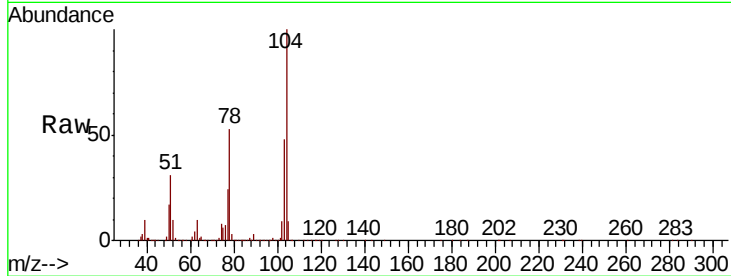
Tot Ion:104 Resp: 1957258

Ion Ratio Lower Upper

104 100

78 52.3 42.6 64.0

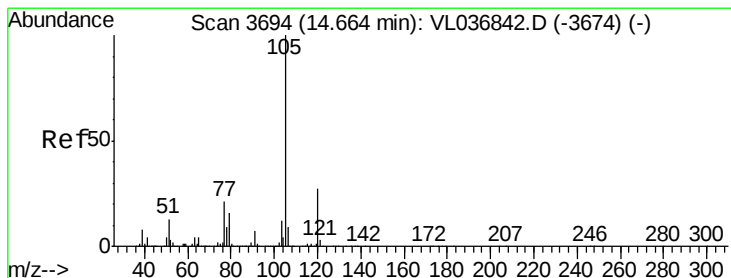
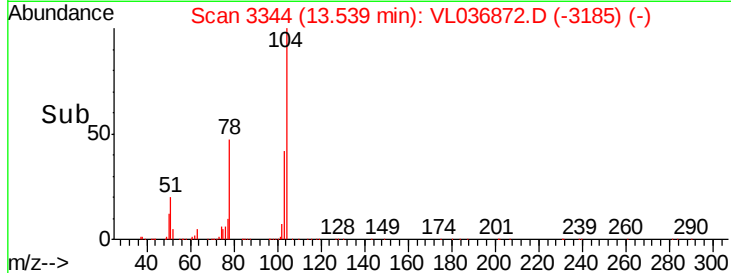
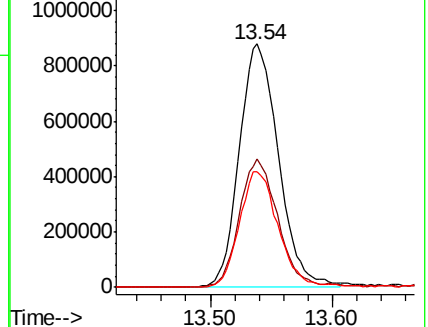
103 47.6 38.1 57.1



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 7.157 ppbv

RT: 14.68 min Scan# 3699

Delta R.T. 0.02 min

Lab File: VL036872.D

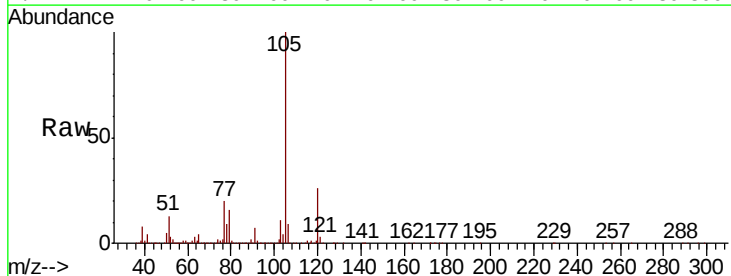
Acq: 28 Apr 2021 00:30

Tgt Ion:105 Resp: 5018635

Ion Ratio Lower Upper

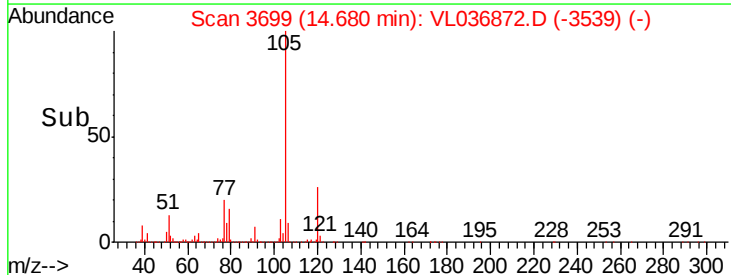
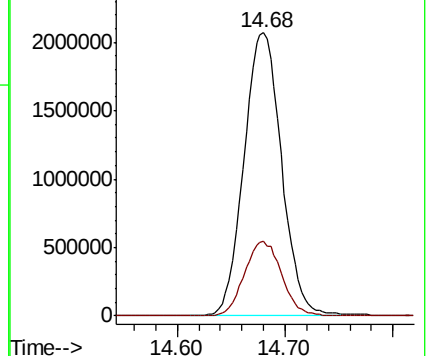
105 100

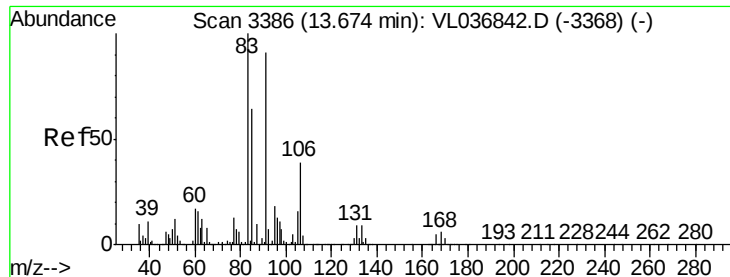
120 26.3 21.1 31.7



Abundance Ion 105.10 (104.80 to 105.80): V

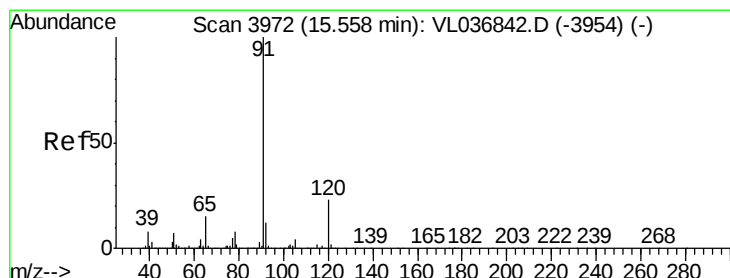
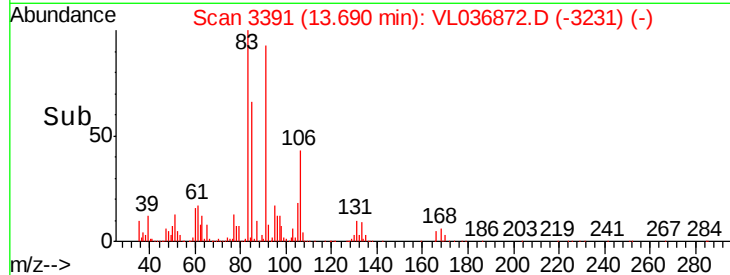
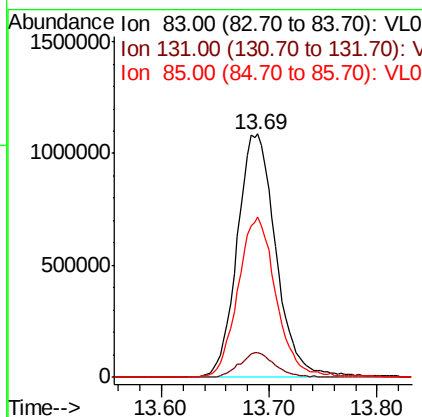
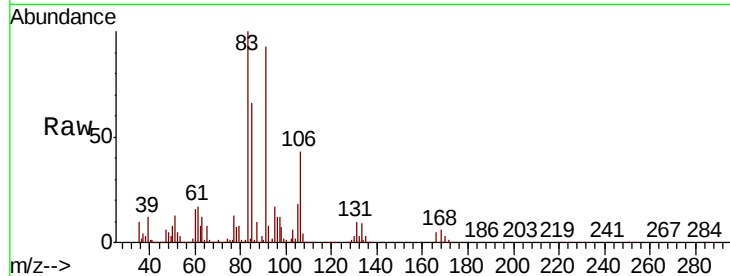
Ion 120.20 (119.90 to 120.90): V





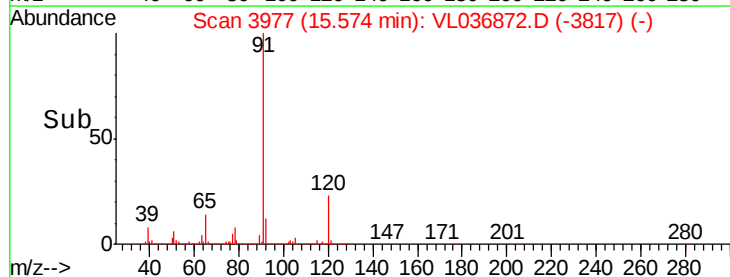
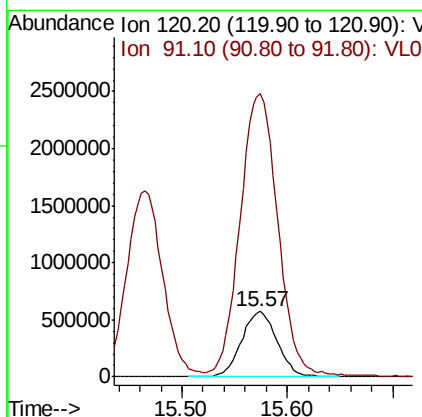
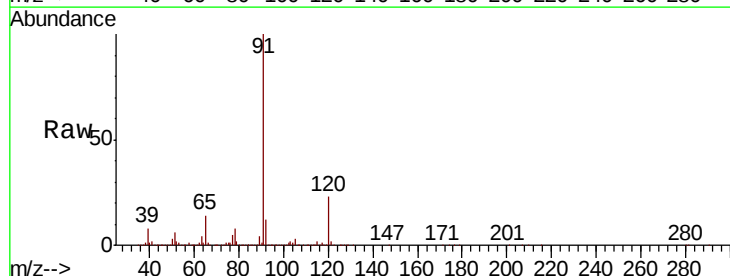
#63
 1,1,2,2-Tetrachloroethane
 Concen: 6.543 ppbv
 RT: 13.69 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 28 Apr 2021 00:30

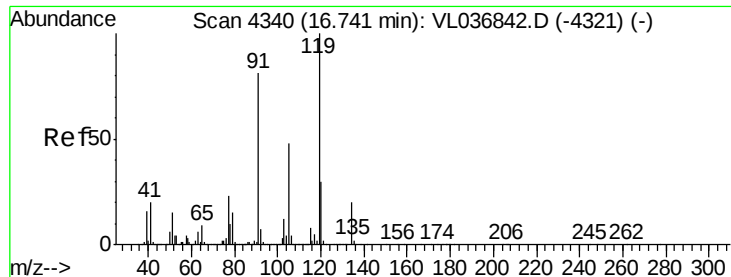
Tot Ion: 83 Resp: 2703541
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.8 14.3
 85 65.4 32.8 98.4



#64
 n-propylbenzene
 Concen: 7.698 ppbv
 RT: 15.57 min Scan# 3977
 Delta R.T. 0.02 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

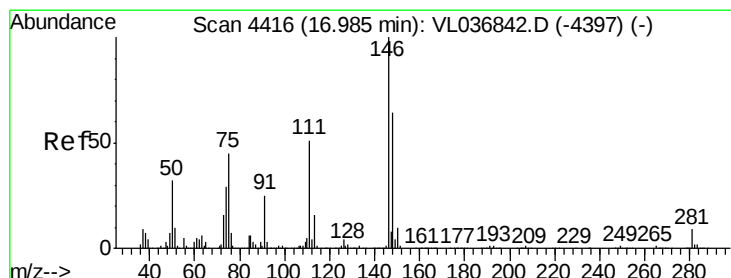
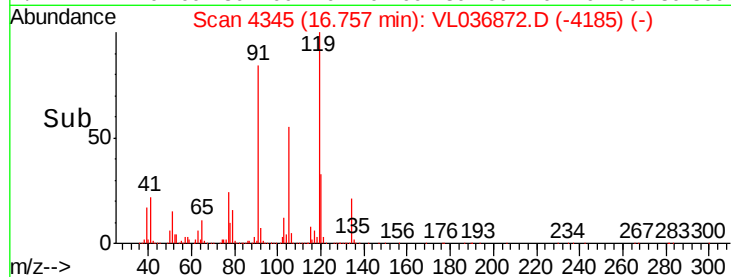
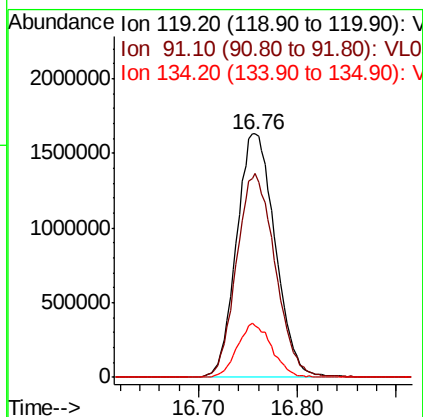
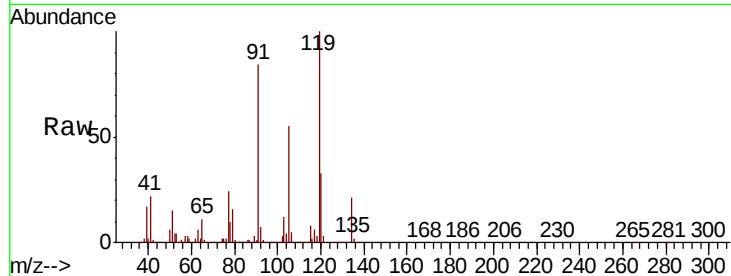
Tgt Ion: 120 Resp: 1345380
 Ion Ratio Lower Upper
 120 100
 91 464.2 378.6 567.8





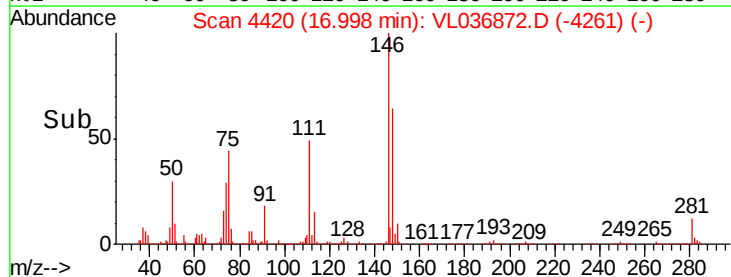
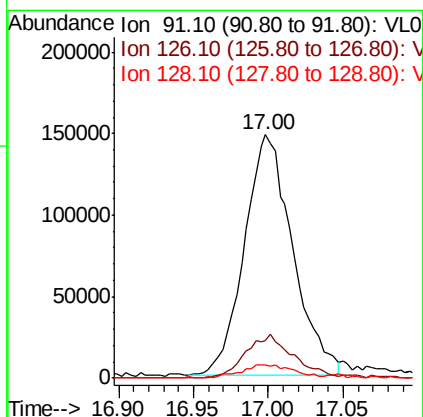
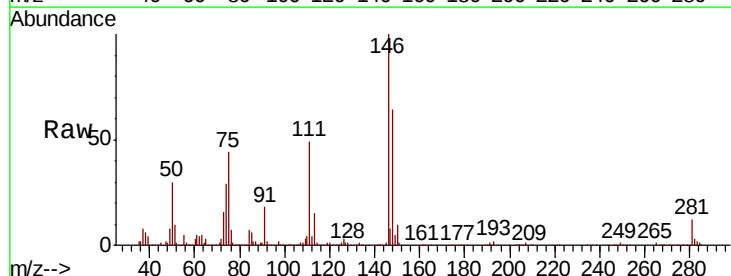
#65
 tert-Butylbenzene
 Concen: 7.123 ppbv
 RT: 16.76 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 28 Apr 2021 00:30

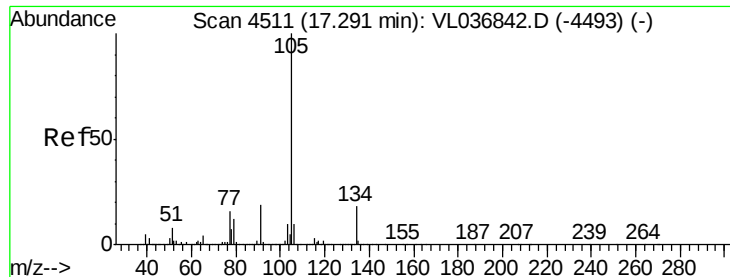
Tot Ion: 119 Resp: 4416548
 Ion Ratio Lower Upper
 119 100
 91 83.8 67.0 100.6
 134 19.9 15.8 23.6



#66
 Benzyl Chloride
 Concen: 5.458 ppbv
 RT: 17.00 min Scan# 4420
 Delta R.T.: 0.01 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

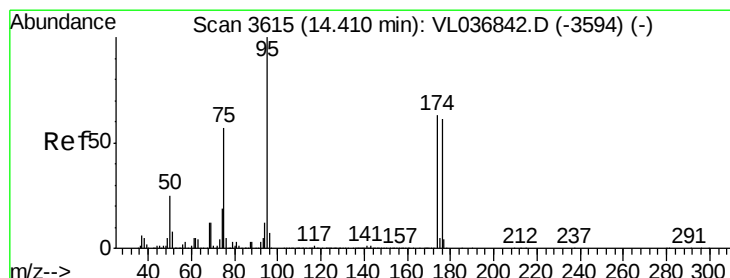
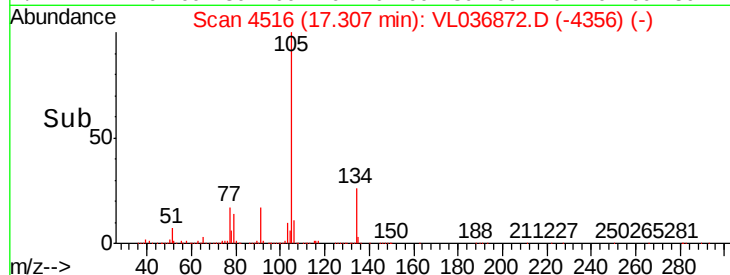
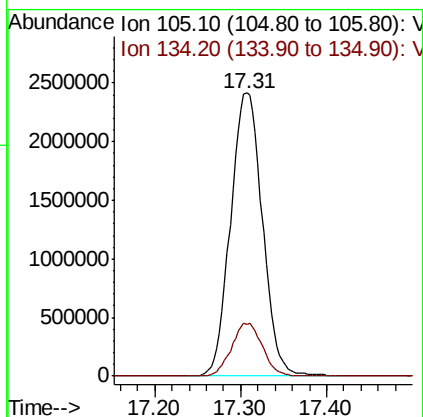
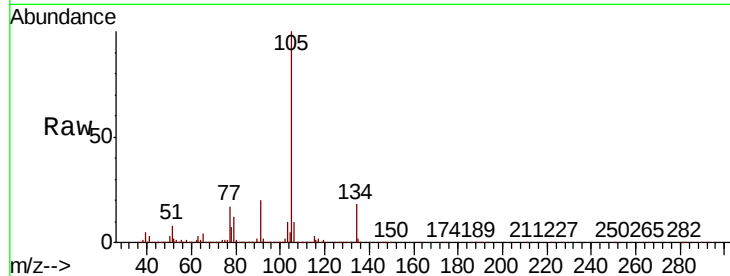
Tgt Ion: 91 Resp: 330898
 Ion Ratio Lower Upper
 91 100
 126 18.8 14.1 21.1
 128 6.7 4.8 7.2





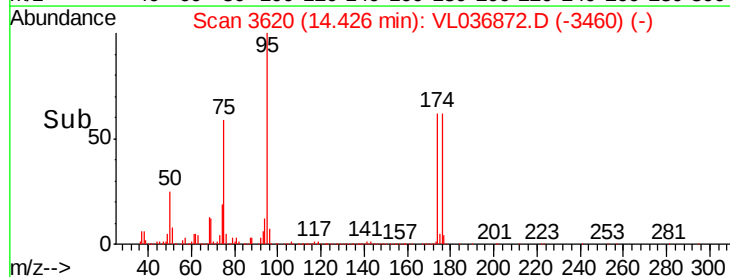
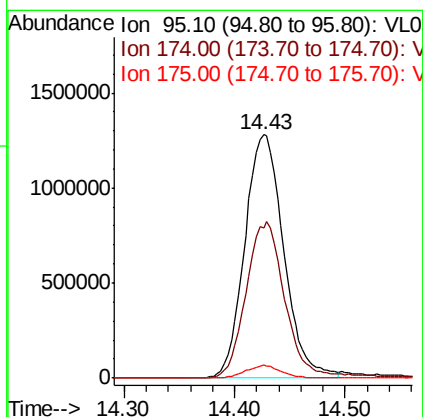
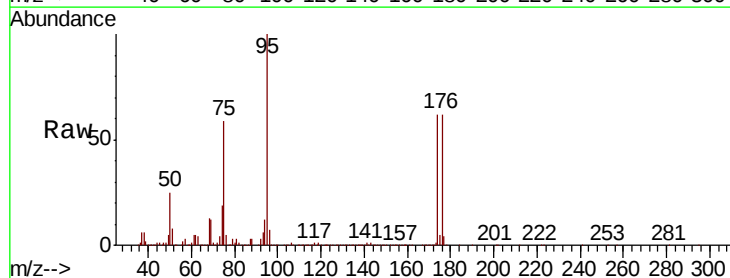
#67
 sec-Butylbenzene
 Concen: 7.208 ppbv
 RT: 17.31
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 28 Apr 2021 00:30

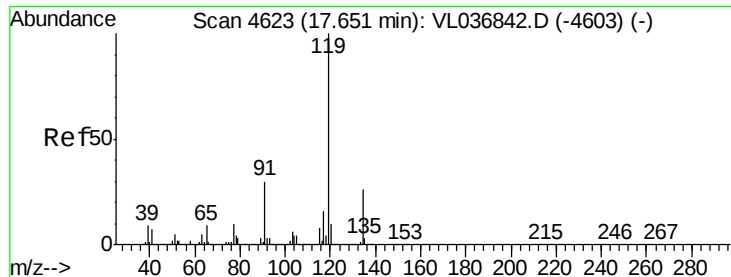
Tot Ion: 105 Resp: 6205946
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.8 22.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.315 ppbv
 RT: 14.43 min Scan# 3620
 Delta R.T. 0.02 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

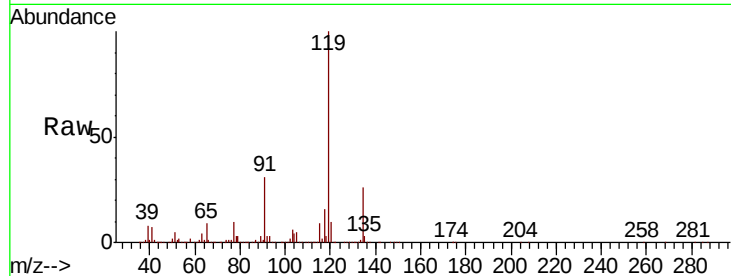
Tgt Ion: 95 Resp: 3138841
 Ion Ratio Lower Upper
 95 100
 174 65.4 52.2 78.2
 175 4.9 4.0 6.0



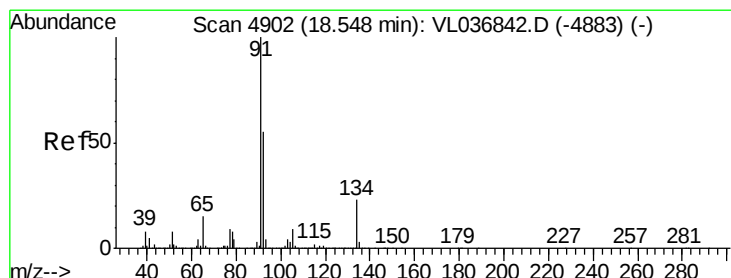
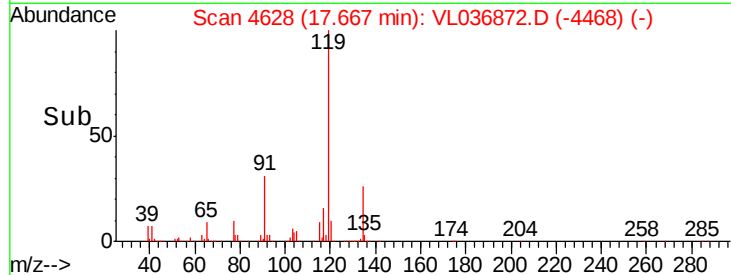
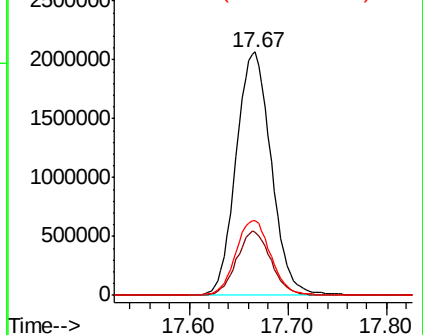


#69
 p-Isopropyltoluene
 Concen: 7.398 ppbv
 RT: 17.67 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 28 Apr 2021 00:30

Tot Ion: 119 Resp: 5106314
 Ion Ratio Lower Upper
 119 100
 134 25.8 20.6 31.0
 91 30.7 24.2 36.4

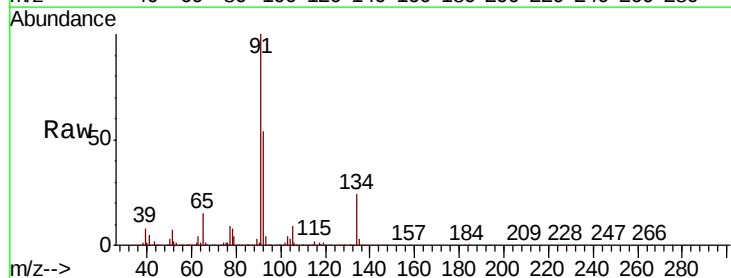


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

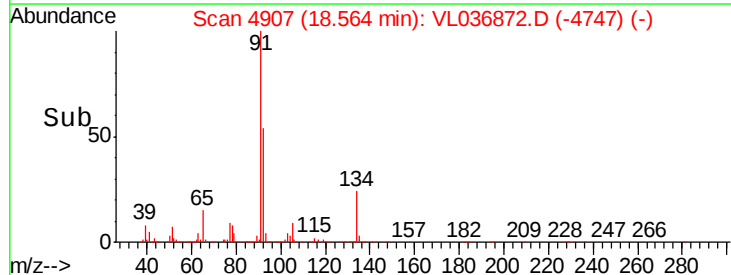
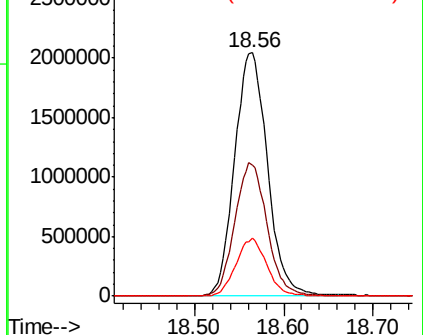


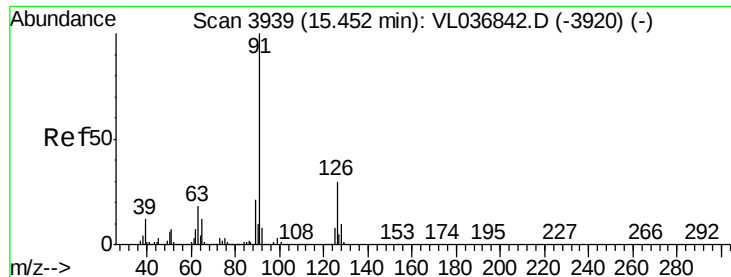
#70
 n-Butylbenzene
 Concen: 7.540 ppbv
 RT: 18.56 min Scan# 4907
 Delta R.T.: 0.02 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Tgt Ion: 91 Resp: 5245878
 Ion Ratio Lower Upper
 91 100
 92 53.8 43.5 65.3
 134 22.5 18.2 27.4



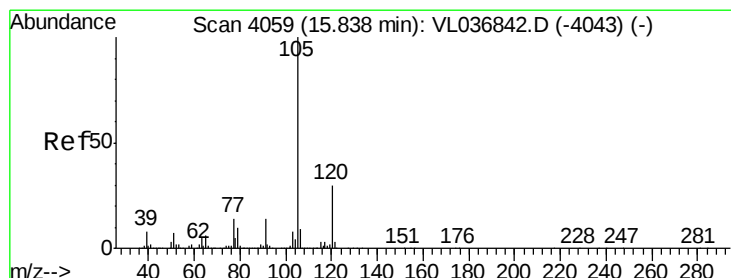
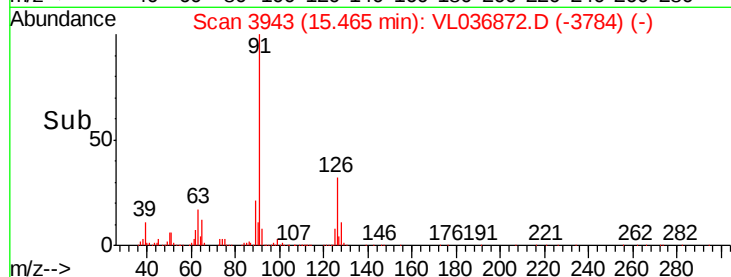
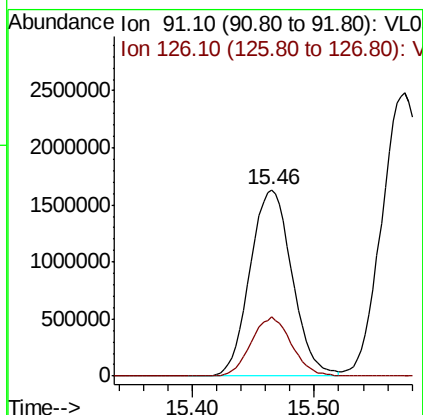
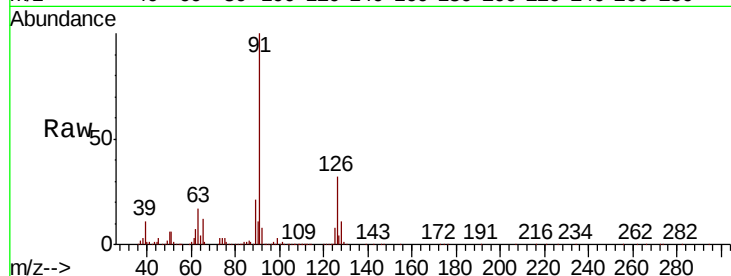
Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V





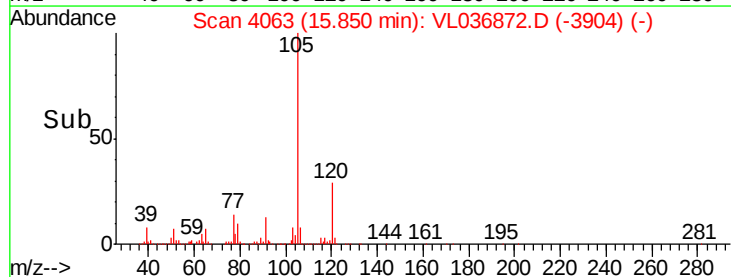
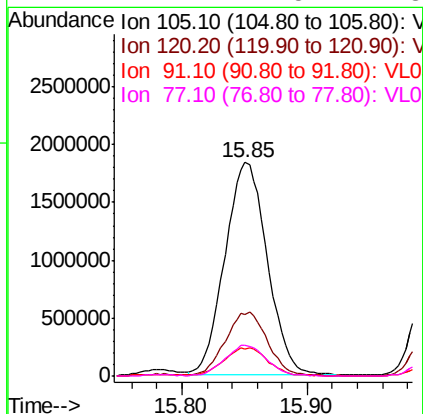
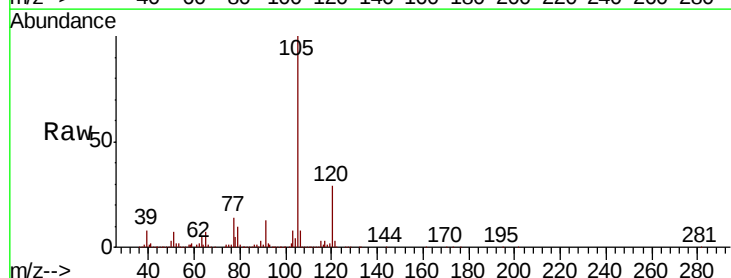
#71
 2-Chlorotoluene
 Concen: 7.495 ppbv
 RT: 15.46 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 28 Apr 2021 00:30

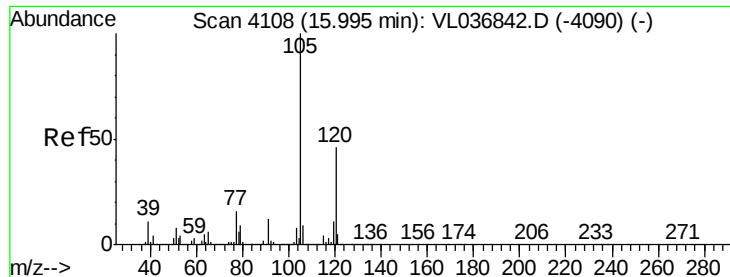
Tot Ion: 91 Resp: 3892650
 Ion Ratio Lower Upper
 91 100
 126 31.1 12.3 49.3



#72
 4-Ethyltoluene
 Concen: 7.752 ppbv
 RT: 15.85 min Scan# 4063
 Delta R.T. 0.01 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Tgt Ion:105 Resp: 4288733
 Ion Ratio Lower Upper
 105 100
 120 30.1 23.8 35.6
 91 13.5 10.7 16.1
 77 14.4 11.5 17.3





#73

1,3,5-Trimethylbenzene

Concen: 7.112 ppbv

RT: 16.01 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

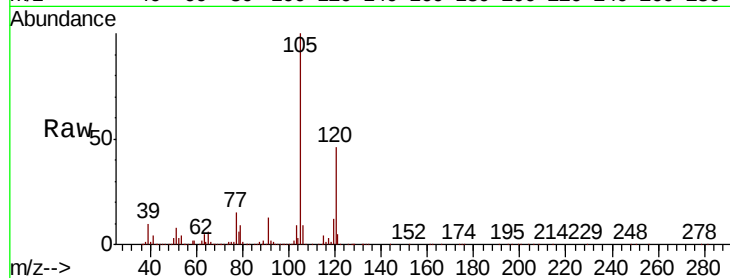
Acq: 28 Apr 2021 00:30

Tot Ion:105 Resp: 3815591

Ion Ratio Lower Upper

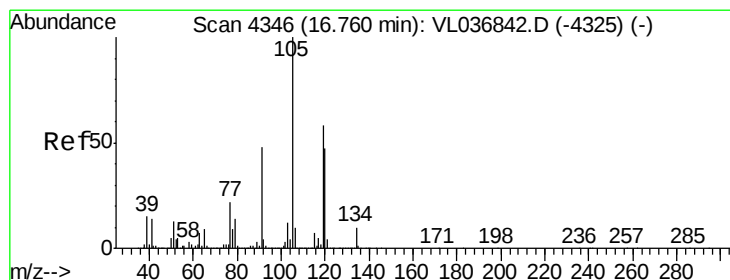
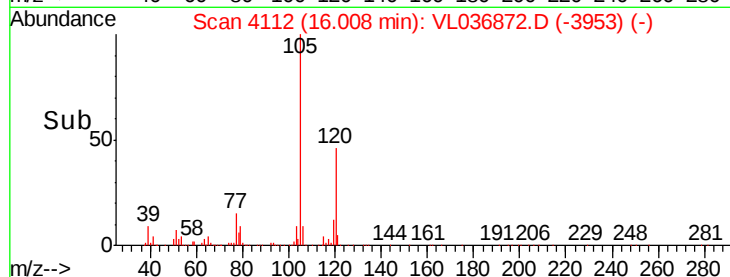
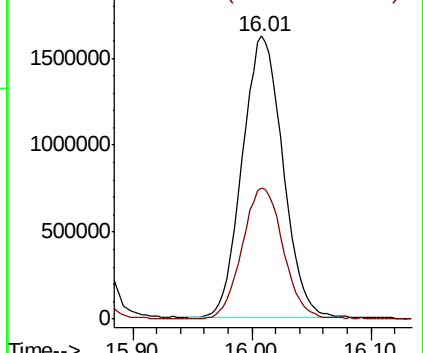
105 100

120 46.4 36.8 55.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 7.040 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. 0.01 min

Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

Tgt Ion:105 Resp: 4012106

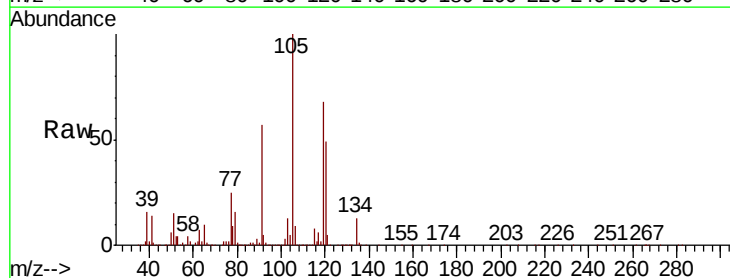
Ion Ratio Lower Upper

105 100

120 48.7 37.6 56.4

91 57.0 39.0 58.4

77 25.1 17.4 26.0

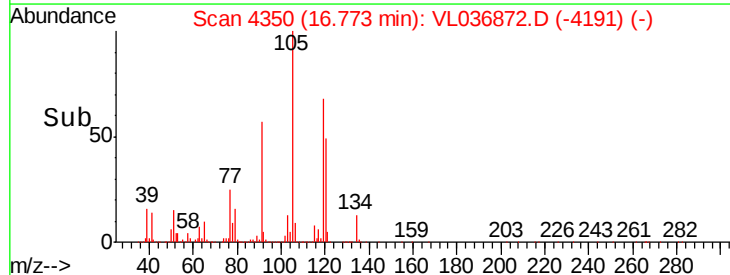
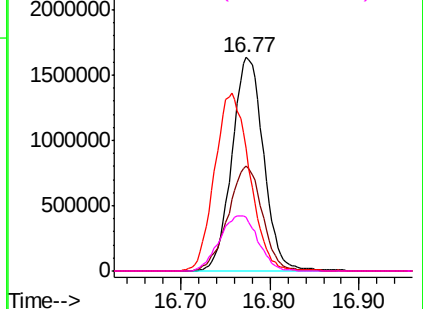


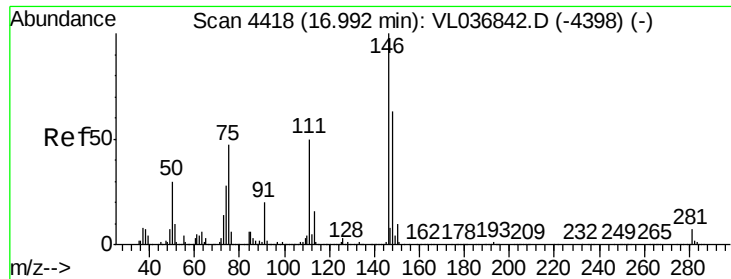
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

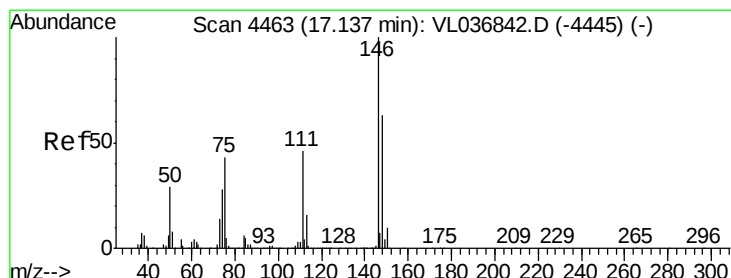
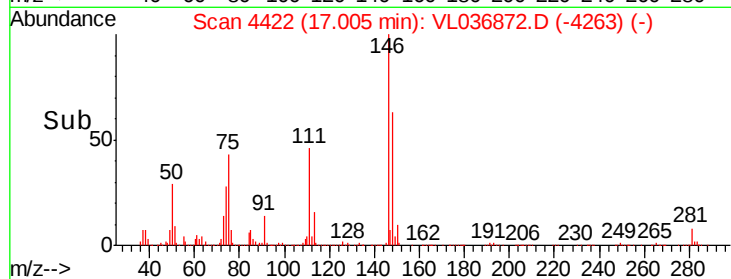
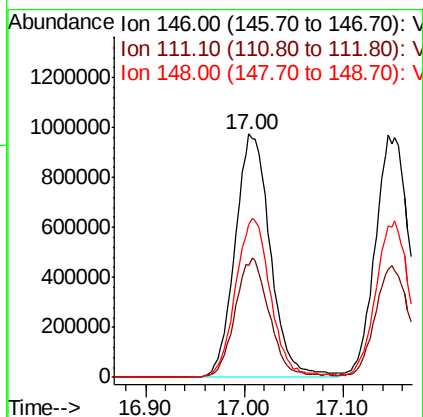
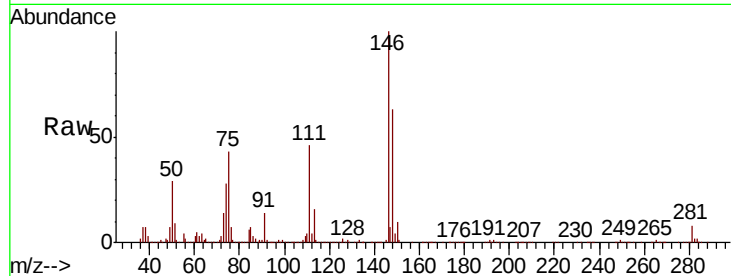
Ion 77.10 (76.80 to 77.80): VL0





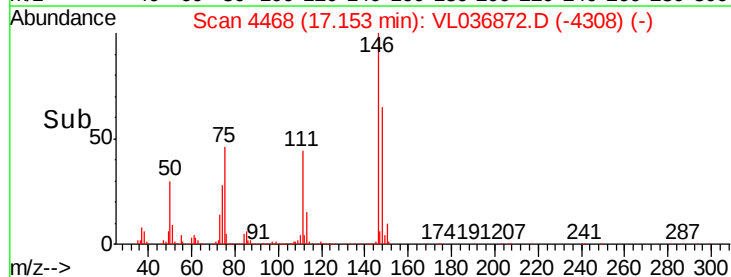
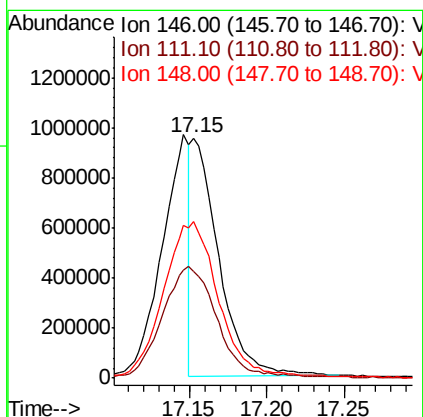
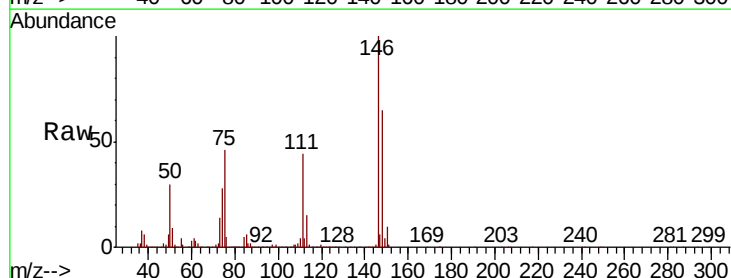
#75
 1,3-Dichlorobenzene
 Concen: 7.180 ppbv
 RT: 17.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 28 Apr 2021 00:30

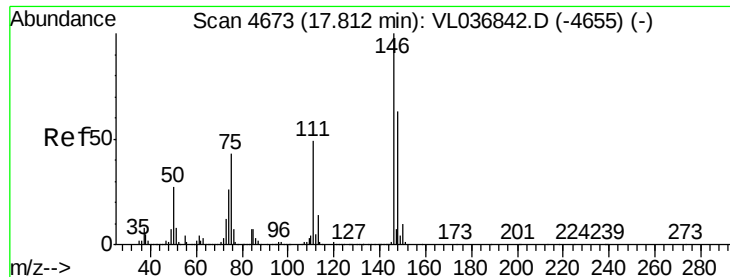
Tot Ion:146 Resp: 2419004
 Ion Ratio Lower Upper
 146 100
 111 47.6 24.2 72.6
 148 65.1 32.1 96.3



#76
 1,4-Dichlorobenzene
 Concen: 3.514 ppbv
 RT: 17.15 min Scan# 4468
 Delta R.T. 0.02 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Tgt Ion:146 Resp: 1158605
 Ion Ratio Lower Upper
 146 100
 111 95.8 24.3 72.8#
 148 133.0 32.4 97.0#





#77

1,2-Dichlorobenzene

Concen: 7.014 ppbv

RT: 17.83

Delta R.T. MSVOA_L

Lab File:

Acq: 28 Apr 2021 00:30

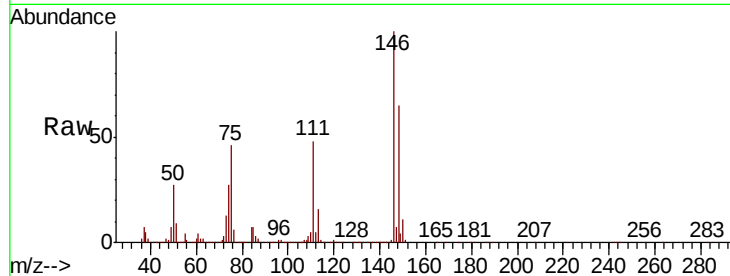
Tot Ion:146 Resp: 2307900

Ion Ratio Lower Upper

146 100

111 49.8 25.0 75.0

148 65.3 32.4 97.0

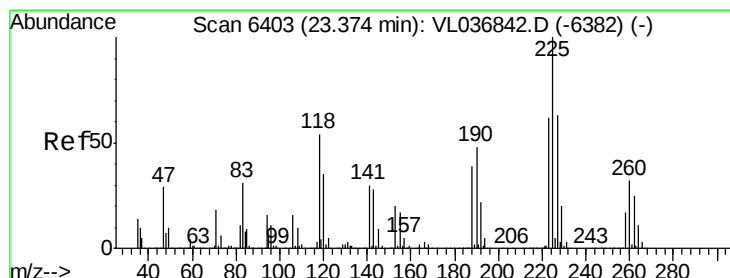
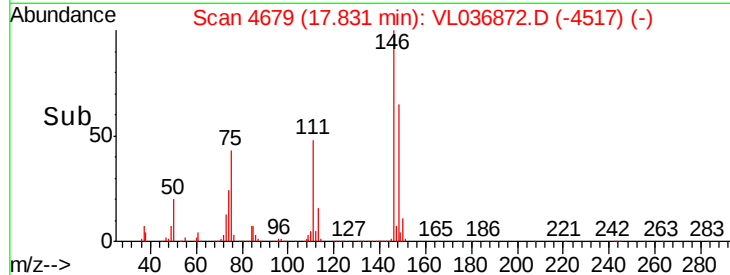
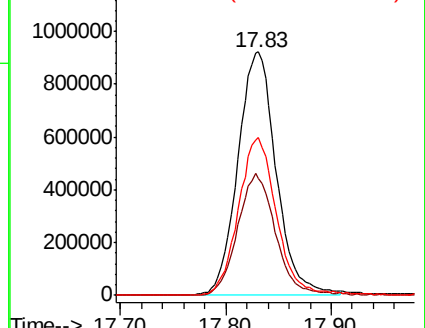


Abundance

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



#78

Hexachloro-1,3-Butadiene

Concen: 6.534 ppbv

RT: 23.39 min Scan# 6408

Delta R.T. 0.02 min

Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

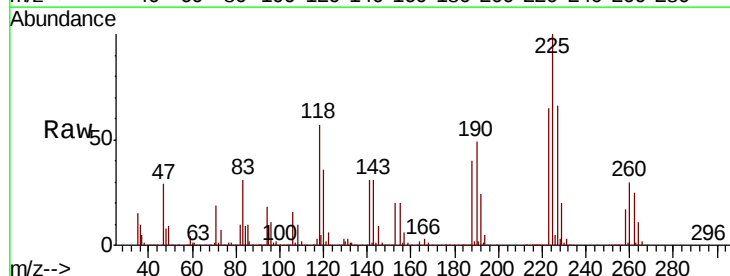
Tgt Ion:225 Resp: 1826933

Ion Ratio Lower Upper

225 100

223 63.8 51.2 76.8

227 64.0 51.8 77.6

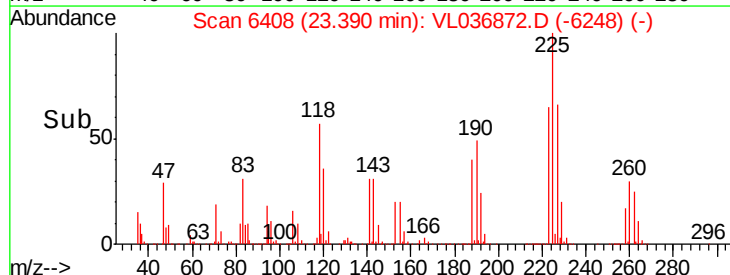
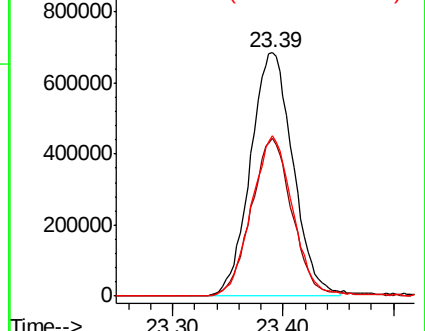


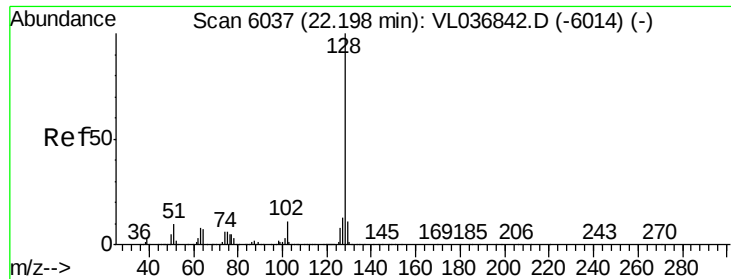
Abundance

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: 8.448 ppbv

RT: 22.21

Delta R.T. MSVOA_L

Lab File:

Acq: 28 Apr 2021 00:30

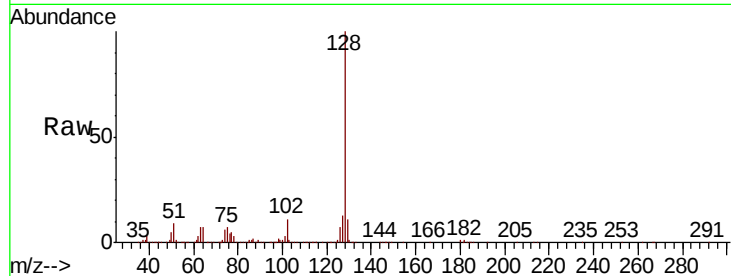
Tot Ion:128 Resp: 2696305

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

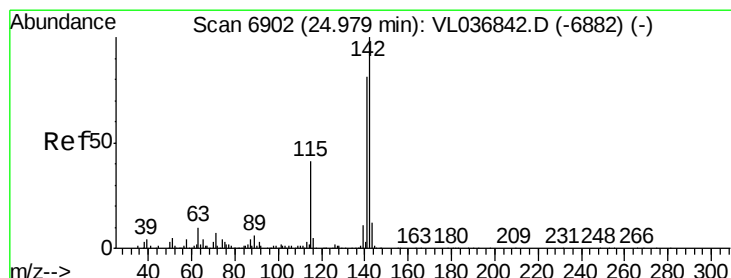
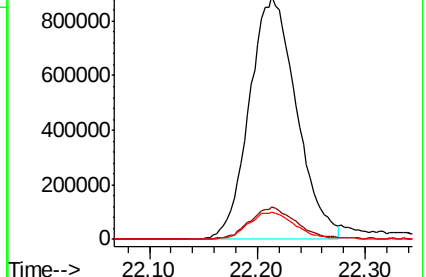
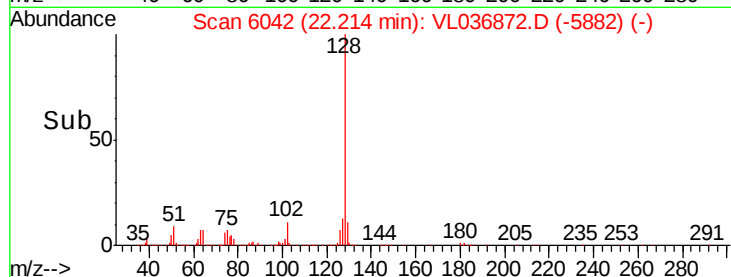
129 11.0 9.0 13.4



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 9.315 ppbv

RT: 24.99 min Scan# 6906

Delta R.T. 0.01 min

Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

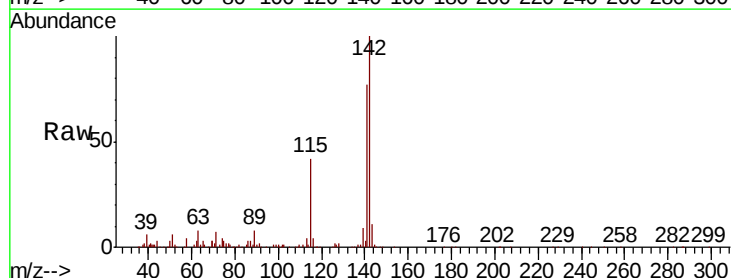
Tgt Ion:142 Resp: 327879

Ion Ratio Lower Upper

142 100

141 82.1 62.6 93.8

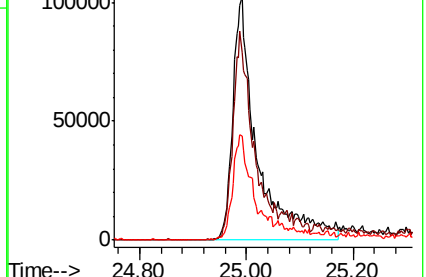
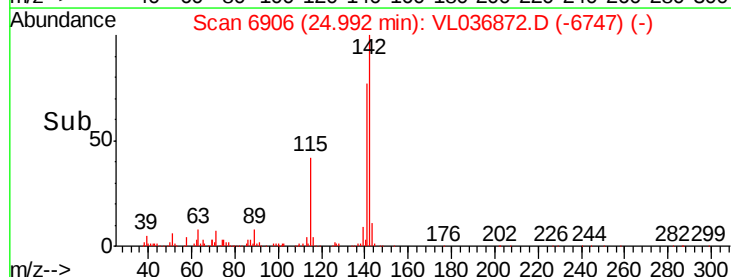
115 42.2 32.0 48.0

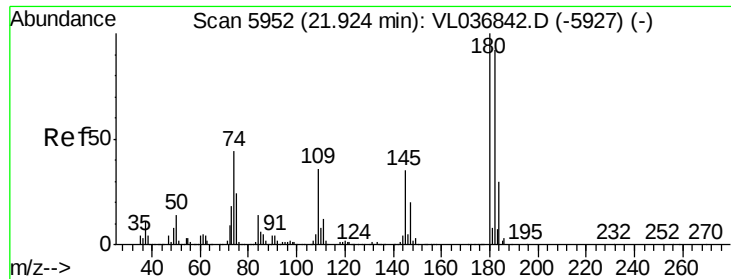


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81

1,2,4-Trichlorobenzene

Concen: 8.116 ppbv

RT: 21.94 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Apr 2021 00:30

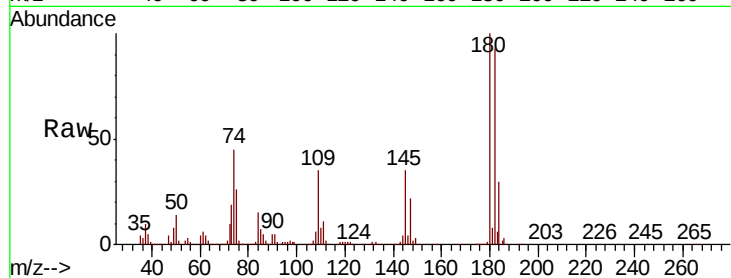
Tot Ion:180 Resp: 1675521

Ion Ratio Lower Upper

180 100

182 102.1 80.9 121.3

184 32.0 25.3 37.9



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

