

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040721\
 Data File : VL036728.D
 Acq On : 7 Apr 2021 15:27
 Operator : SY/AP
 Sample : VL0407ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0407ABS01

Quant Time: Apr 08 02:40:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Apr 08 01:58:43 2021
 QLast Update : Thu Apr 08 01:58:43 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1392431	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3529217	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3947937	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2605379	8.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.80%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	1969390	8.672	ppbv 96
3) Chlorodifluoromethane	2.99	51	2340497	8.997	ppbv 99
4) Chloromethane	3.14	50	739456	8.047	ppbv 98
5) Vinyl Chloride	3.26	62	750229	7.940	ppbv 100
6) Bromomethane	3.47	94	419096	8.056	ppbv 98
7) Chloroethane	3.56	64	252709	7.784	ppbv 99
8) Dichlorotetrafluoroethane	3.19	85	1811153	8.356	ppbv 97
9) Propene	3.01	41	701382	8.457	ppbv 97
10) Heptane	8.13	43	1849019	8.751	ppbv 99
11) Trichlorofluoromethane	3.95	101	1818513	7.857	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1204759	8.141	ppbv 99
13) Ethanol	3.61	45	37311	3.778	ppbv # 34
14) Bromoethene	3.74	108	482761	7.847	ppbv 94
15) Acetone	3.85	43	986976	7.202	ppbv 99
16) 1,3-Butadiene	3.33	39	812039	8.511	ppbv 95
17) tert-Butyl alcohol	4.29	59	1039911	8.717	ppbv 100
18) 1,1-Dichloroethene	4.29	96	505471	7.679	ppbv 96
19) Isopropyl Alcohol	3.97	45	562986	7.468	ppbv 98
20) Methylene Chloride	4.35	84	430126	6.703	ppbv 95
21) Allyl Chloride	4.41	41	852299	7.801	ppbv 99
22) trans-1,2-Dichloroethene	4.89	96	484526	7.940	ppbv 89
23) Vinyl Acetate	5.08	43	1998335	8.524	ppbv 99
24) 1,1-Dichloroethane	5.01	63	1449881	8.485	ppbv 99
25) Ethyl Acetate	5.68	43	2700954	8.290	ppbv 100
26) Hexane	5.69	57	1293631	8.556	ppbv 99
27) Carbon Disulfide	4.56	76	1283968	8.620	ppbv 99
28) Methyl tert-Butyl Ether	5.04	73	1409013	7.902	ppbv 98
29) Chloroform	5.76	83	2075102	8.581	ppbv 100
30) Cyclohexane	7.14	84	1107156	9.029	ppbv 99
31) cis-1,2-Dichloroethene	5.55	61	1274129	8.712	ppbv 95
32) 1,1,1-Trichloroethane	6.51	97	2104938	8.638	ppbv 98
34) 2-Butanone	5.25	43	1323054	7.680	ppbv 100
35) Carbon Tetrachloride	7.02	117	2237941	8.256	ppbv 97
36) Benzene	6.90	78	2711195	8.330	ppbv 99
37) 1,2-Dichloroethane	6.31	62	1581775	8.257	ppbv 99
38) Trichloroethene	7.84	130	1020082	8.053	ppbv 97
39) 1,2-Dichloropropane	7.62	63	1068445	8.092	ppbv 98
40) 1,4-Dioxane	7.84	88	228993	7.452	ppbv # 1
41) Tetrahydrofuran	6.06	42	556900	7.011	ppbv 96
42) Bromodichloromethane	7.80	83	2225332	8.540	ppbv 97
43) Methyl Methacrylate	8.02	69	1038932	9.506	ppbv 96

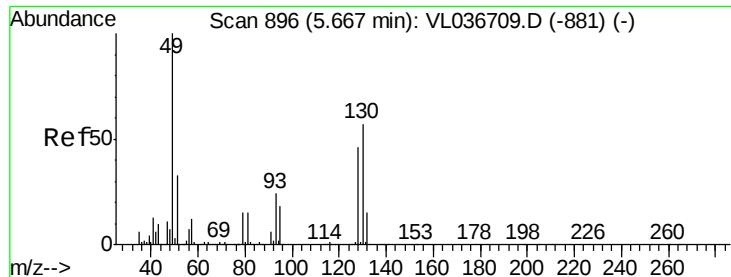
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040721\
 Data File : VL036728.D
 Acq On : 7 Apr 2021 15:27
 Operator : SY/AP
 Sample : VL0407ABS01
 Misc : 400mL/MSVOA L
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Quant Time: Apr 08 02:40:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Apr 08 01:58:43 2021
 QLast Update : Thu Apr 08 01:58:43 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	4675141	8.161	ppbv	100
45) t-1,3-Dichloropropene	9.28	75	1007662	8.074	ppbv	99
46) cis-1,3-Dichloropropene	8.71	75	1258539	7.889	ppbv	99
47) 1,1,2-Trichloroethane	9.48	97	1123417	8.400	ppbv	97
48) Dibromochloromethane	10.31	129	1861608	9.132	ppbv	100
49) Bromoform	13.05	173	1538741	9.368	ppbv	98
50) 4-Methyl-2-Pentanone	8.75	43	1996018	8.007	ppbv	99
51) 2-Hexanone	10.15	43	1057460	8.406	ppbv #	99
52) Tetrachloroethene	11.23	164	943989	7.876	ppbv	98
53) Toluene	9.81	91	3076514	8.876	ppbv	99
54) 1,2-Dibromoethane	10.62	107	1639984	8.683	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.14	131	1311452	7.344	ppbv	99
57) Chlorobenzene	12.16	112	2338386	6.961	ppbv	98
58) Ethyl Benzene	12.72	91	4227205	7.360	ppbv	99
59) m/p-Xylene	13.01	91	4043997	8.072	ppbv #	47
60) o-Xylene	13.70	91	3444556	7.111	ppbv	100
61) Styrene	13.54	104	1857439	7.622	ppbv	99
62) Isopropylbenzene	14.68	105	4742184	7.270	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.69	83	2539703	6.873	ppbv	99
64) n-propylbenzene	15.57	120	1222733	7.667	ppbv	96
65) tert-Butylbenzene	16.76	119	4154756	7.345	ppbv	99
66) Benzyl Chloride	17.00	91	313173	5.009	ppbv	97
67) sec-Butylbenzene	17.31	105	5832743	7.305	ppbv	99
69) p-Isopropyltoluene	17.66	119	4807536	7.710	ppbv	99
70) n-Butylbenzene	18.56	91	4954248	7.663	ppbv	99
71) 2-Chlorotoluene	15.46	91	3646681	7.460	ppbv	100
72) 4-Ethyltoluene	15.85	105	4077265	7.682	ppbv	99
73) 1,3,5-Trimethylbenzene	16.01	105	3659745	7.387	ppbv	99
74) 1,2,4-Trimethylbenzene	16.77	105	3762907	7.098	ppbv	98
75) 1,3-Dichlorobenzene	17.01	146	2246518	7.528	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	2198982	7.422	ppbv	98
77) 1,2-Dichlorobenzene	17.83	146	2198505	7.838	ppbv	98
78) Hexachloro-1,3-Butadiene	23.39	225	1711343	6.812	ppbv	99
79) Naphthalene	22.21	128	2650671	8.568	ppbv	98
80) Naphthalene, 2-methyl-	24.99	142	346249	5.676	ppbv	95
81) 1,2,4-Trichlorobenzene	21.94	180	1598131	8.367	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Instrument :

MSVOA_L

ClientSampleId :

VL0407ABS01

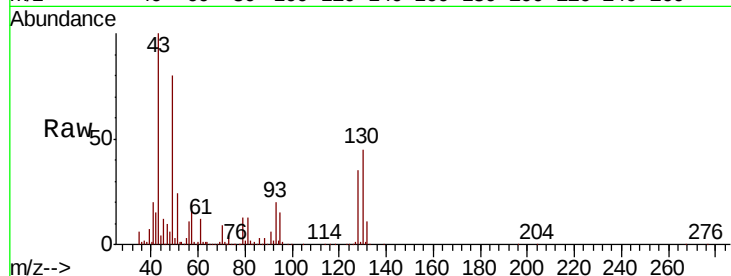
Tot Ion: 49 Resp: 1392431

Ion Ratio Lower Upper

49 100

128 48.7 23.5 70.6

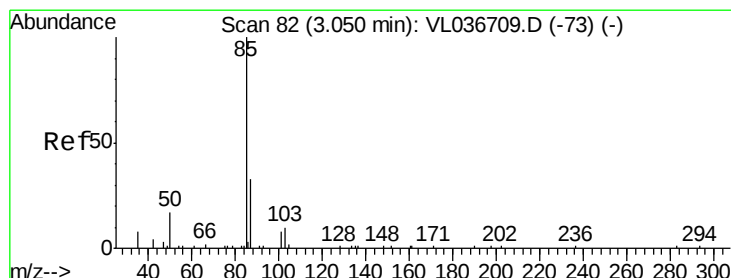
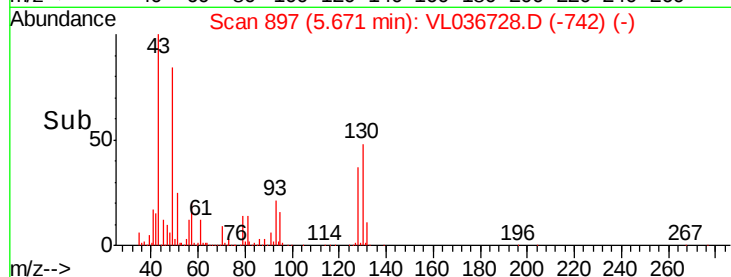
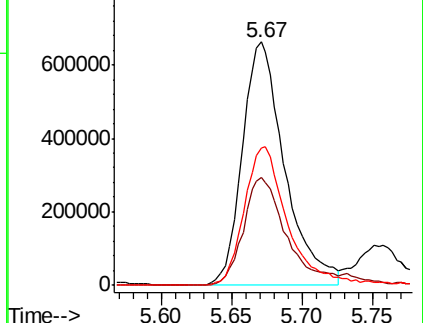
130 59.4 29.1 87.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 8.672 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.00 min

Lab File: VL036728.D

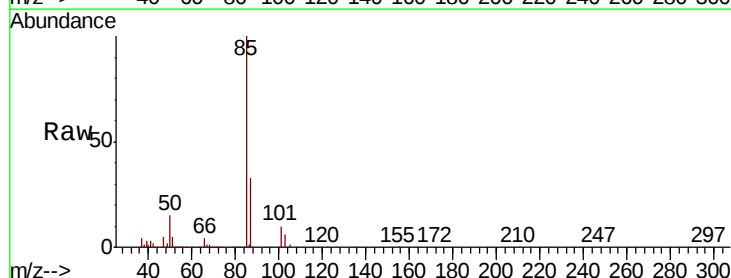
Acq: 7 Apr 2021 15:27

Tgt Ion: 85 Resp: 1969390

Ion Ratio Lower Upper

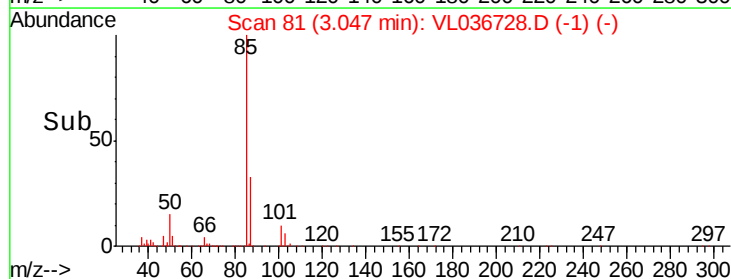
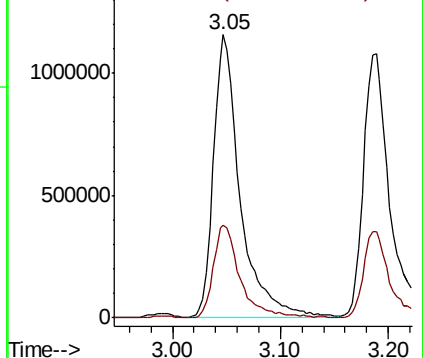
85 100

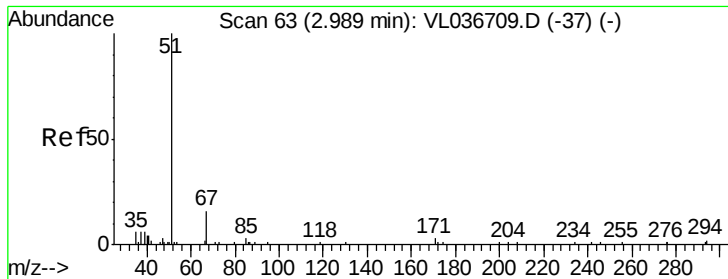
87 32.7 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 8.997 ppbv

RT: 2.99 min Scan# 62

Delta R.T. -0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Instrument :

MSVOA_L

ClientSampleId :

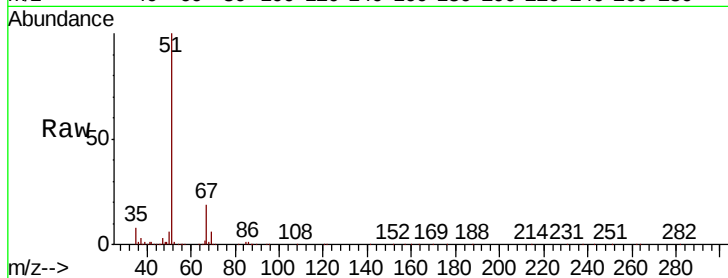
VL0407ABS01

Tot Ion: 51 Resp: 2340497

Ion Ratio Lower Upper

51 100

67 18.9 14.7 22.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

1500000

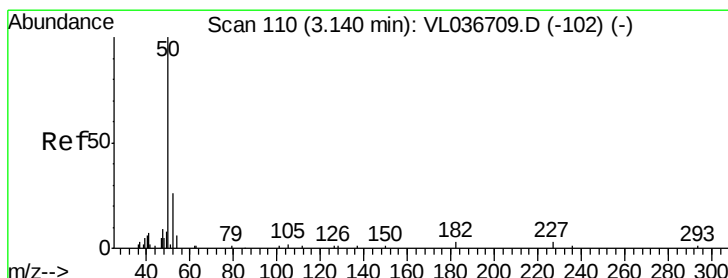
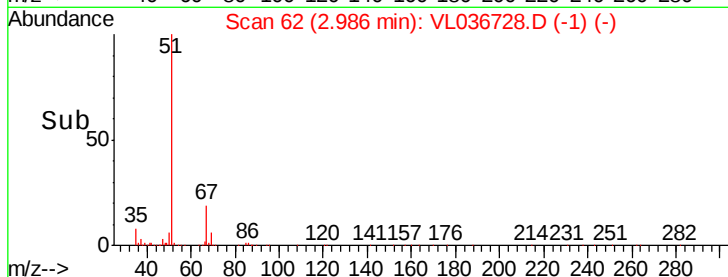
1000000

500000

0

2.99

Time-->



#4

Chloromethane

Concen: 8.047 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL036728.D

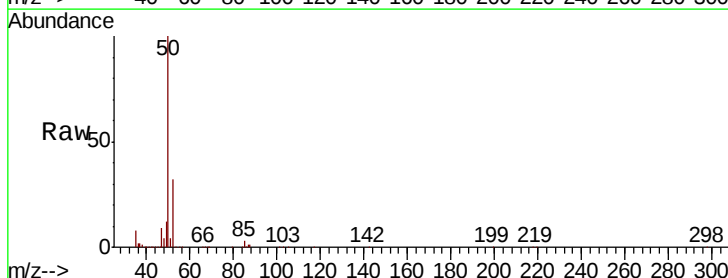
Acq: 7 Apr 2021 15:27

Tgt Ion: 50 Resp: 739456

Ion Ratio Lower Upper

50 100

52 32.7 27.0 40.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

500000

400000

300000

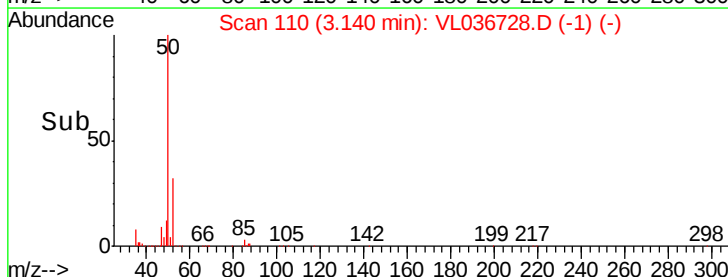
200000

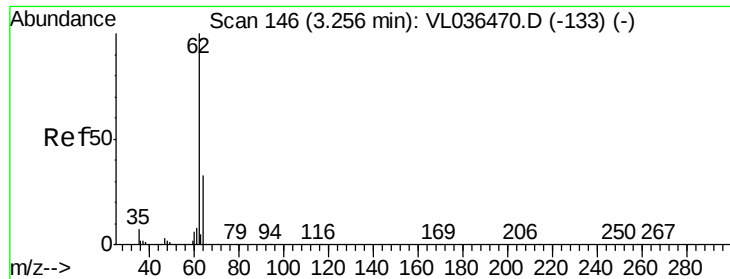
100000

0

3.14

Time-->





#5

Vinyl Chloride

Concen: 7.940 ppbv

RT: 3.26 min Scan# 146

Delta R.T. -0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Instrument :

MSVOA_L

ClientSampleId :

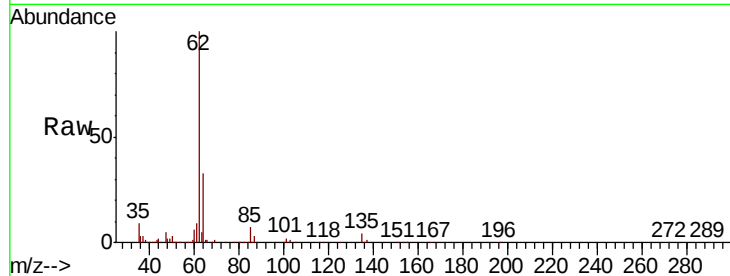
VL0407ABS01

Tot Ion: 62 Resp: 750229

Ion Ratio Lower Upper

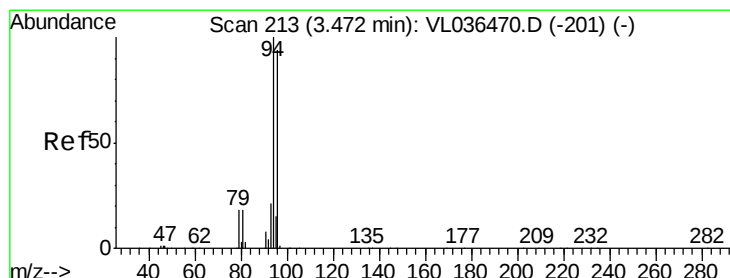
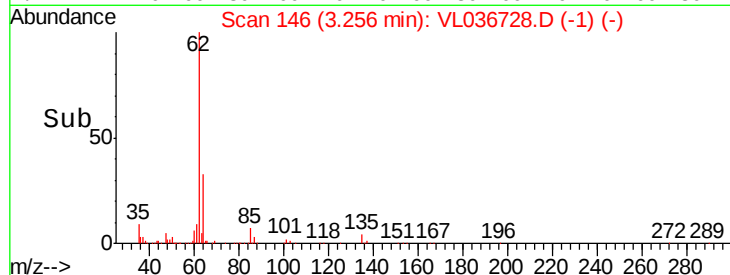
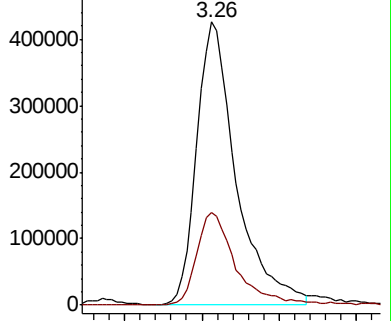
62 100

64 32.7 26.4 39.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 8.056 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.00 min

Lab File: VL036728.D

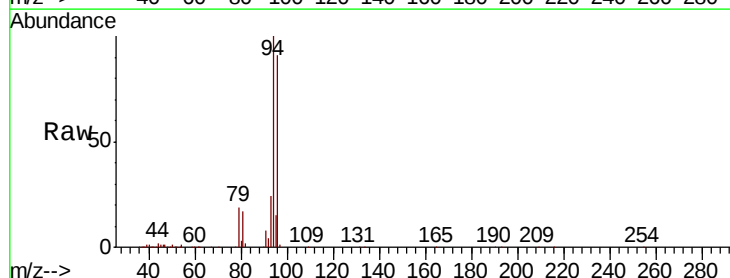
Acq: 7 Apr 2021 15:27

Tgt Ion: 94 Resp: 419096

Ion Ratio Lower Upper

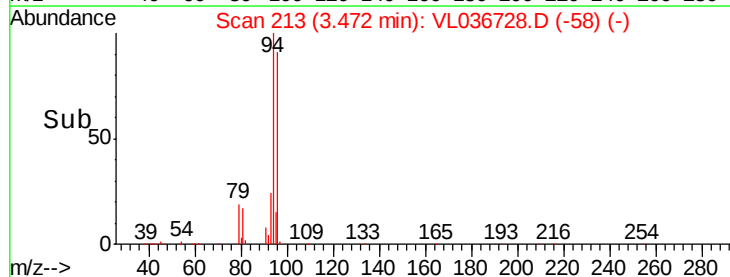
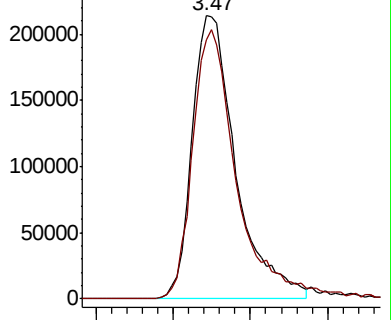
94 100

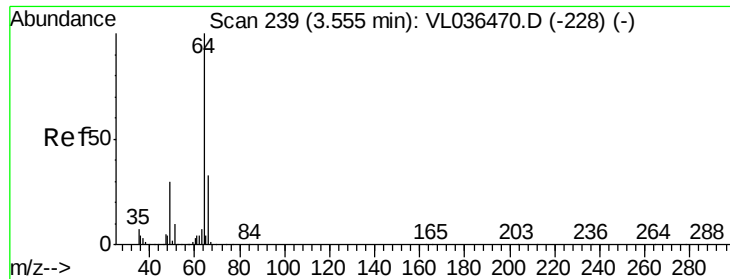
96 91.3 74.9 112.3



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 7.784 ppbv

RT: 3.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Instrument :

MSVOA_L

ClientSampleId :

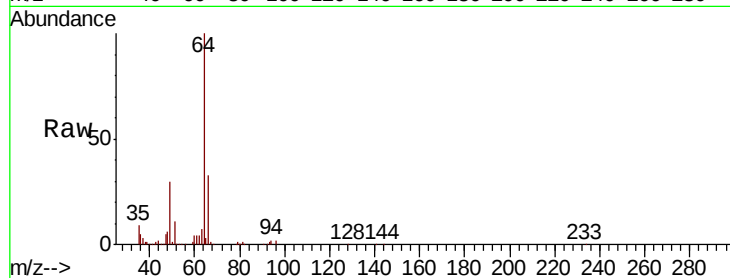
VL0407ABS01

Tot Ion: 64 Resp: 252709

Ion Ratio Lower Upper

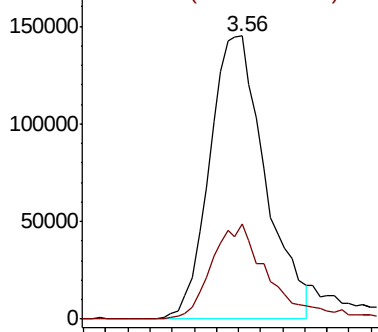
64 100

66 33.4 26.2 39.2

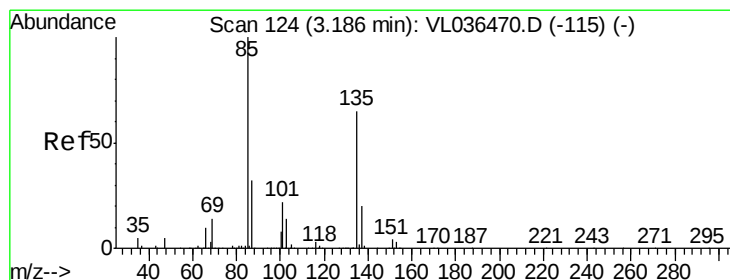
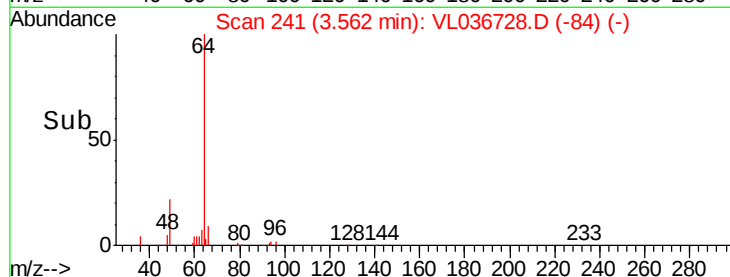


Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



Time-->



#8

Dichlorotetrafluoroethane

Concen: 8.356 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.00 min

Lab File: VL036728.D

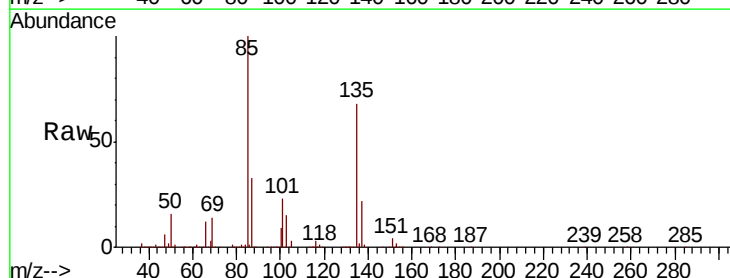
Acq: 7 Apr 2021 15:27

Tgt Ion: 85 Resp: 1811153

Ion Ratio Lower Upper

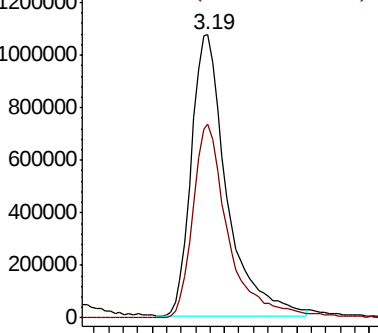
85 100

135 70.1 54.3 81.5

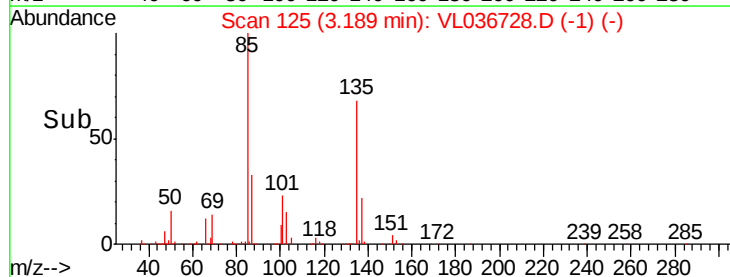


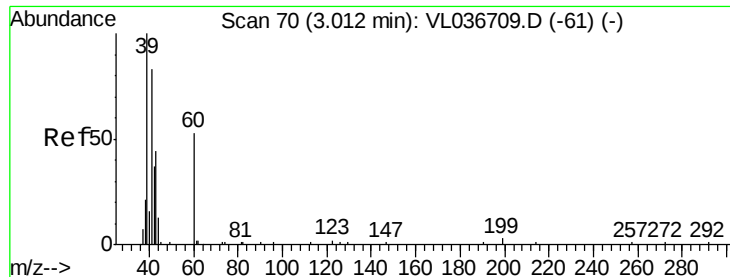
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V



Time-->





#9

Propene

Concen: 8.457 ppbv

RT: 3.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

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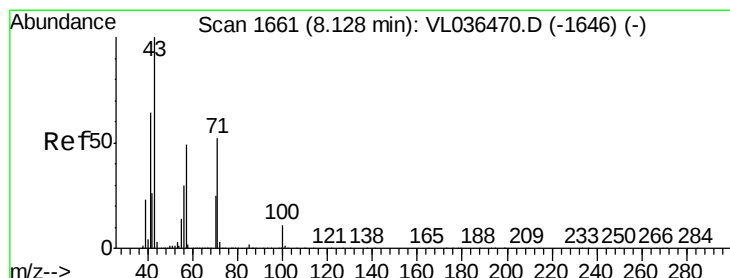
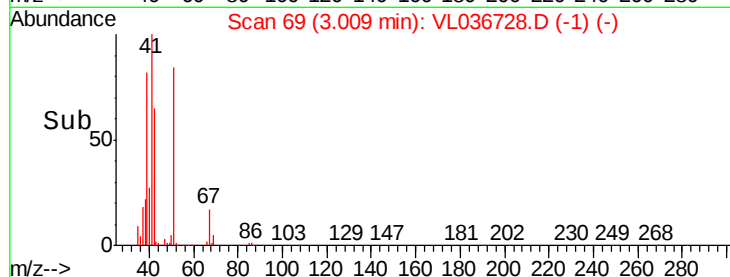
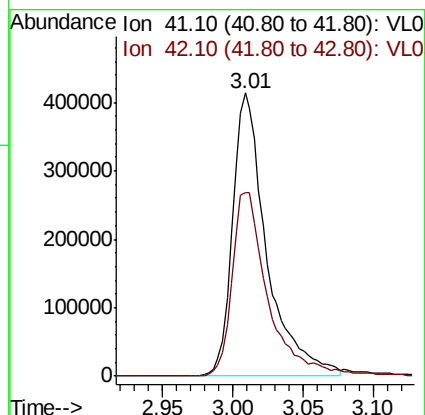
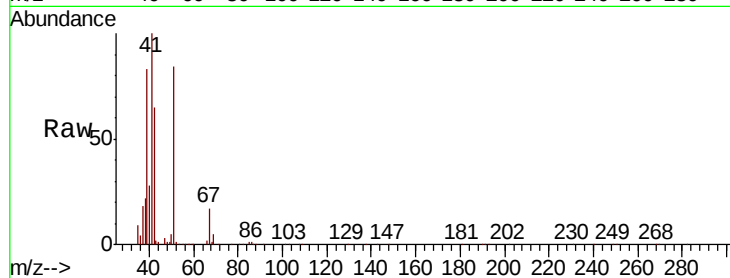
VL0407ABS01

Tot Ion: 41 Resp: 701382

Ion Ratio Lower Upper

41 100

42 69.0 57.0 85.4



#10

Heptane

Concen: 8.751 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VL036728.D

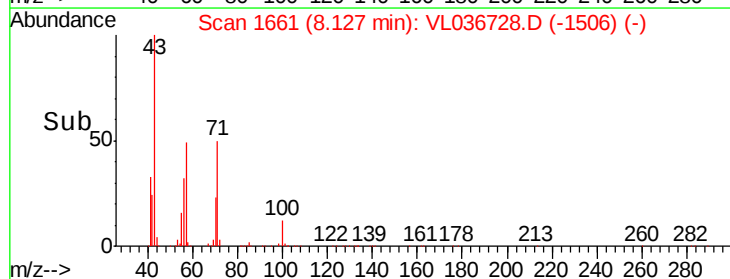
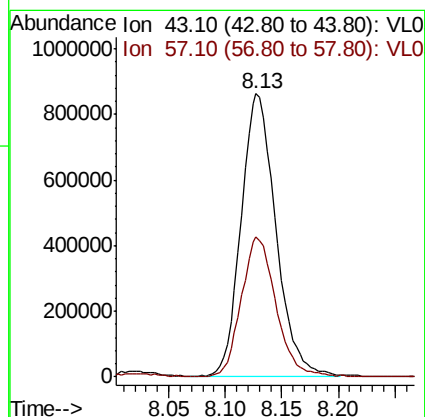
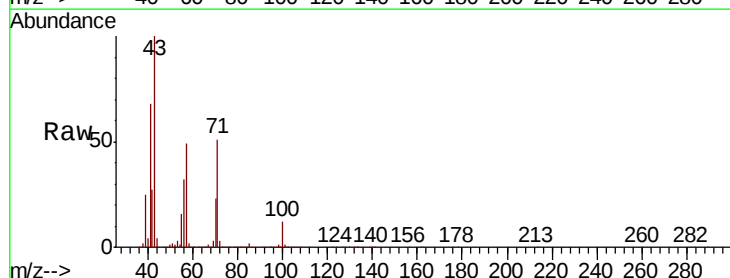
Acq: 7 Apr 2021 15:27

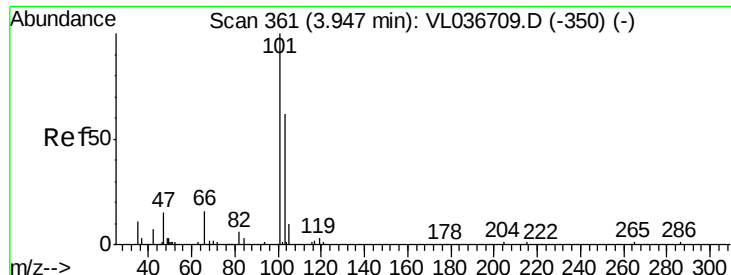
Tgt Ion: 43 Resp: 1849019

Ion Ratio Lower Upper

43 100

57 49.5 39.0 58.6

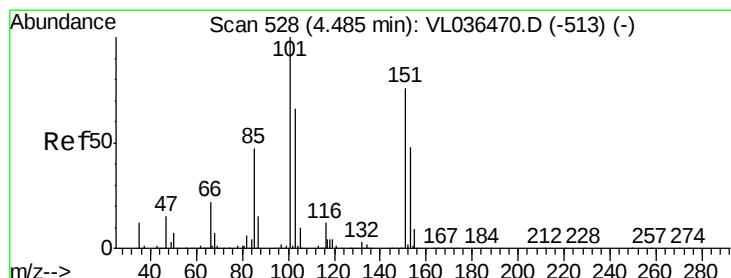
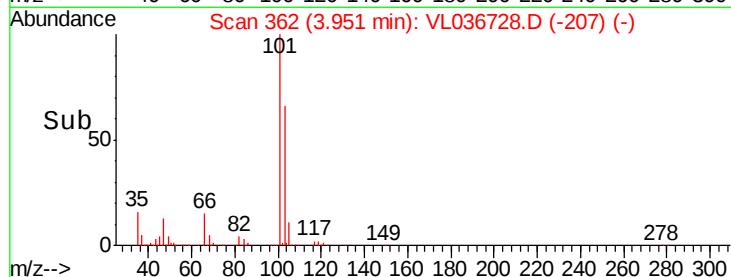
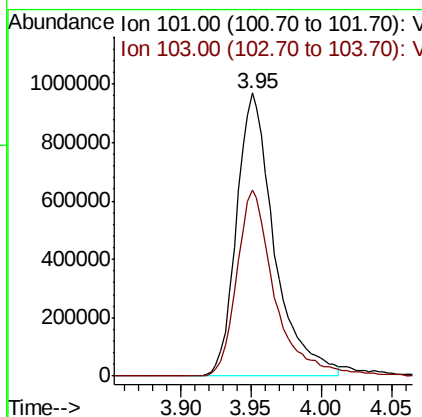
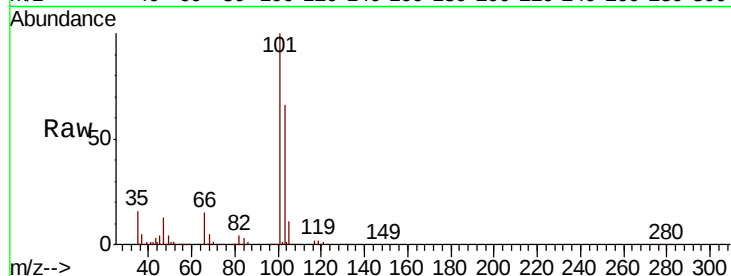




#11
 Trichlorofluoromethane
 Concen: 7.857 ppbv
 RT: 3.95 min Scan# 362
 Delta R.T. -0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

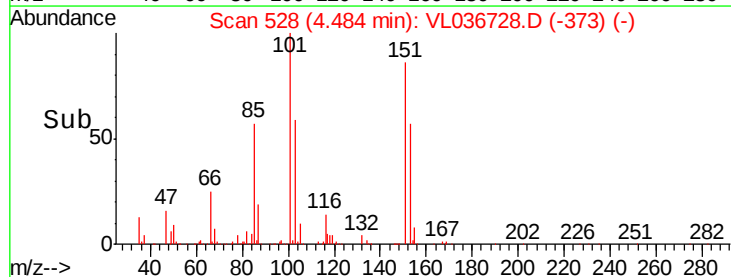
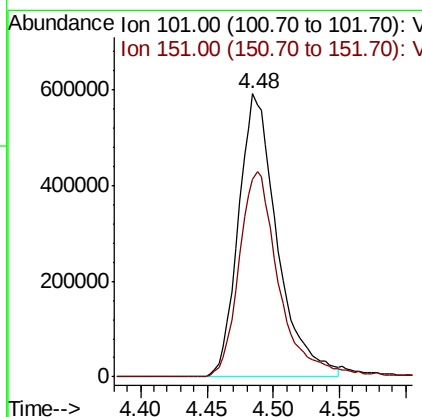
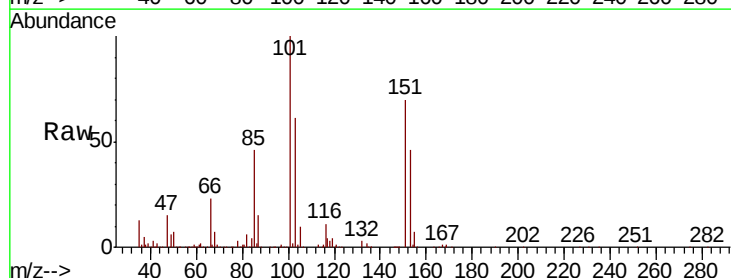
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0407ABS01

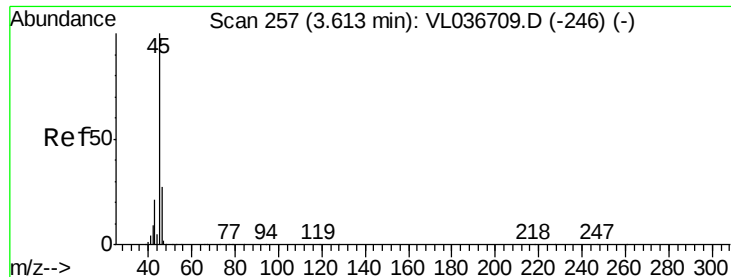
Tot Ion:101 Resp: 1818513
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.5 78.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.141 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

Tgt Ion:101 Resp: 1204759
 Ion Ratio Lower Upper
 101 100
 151 75.3 60.9 91.3

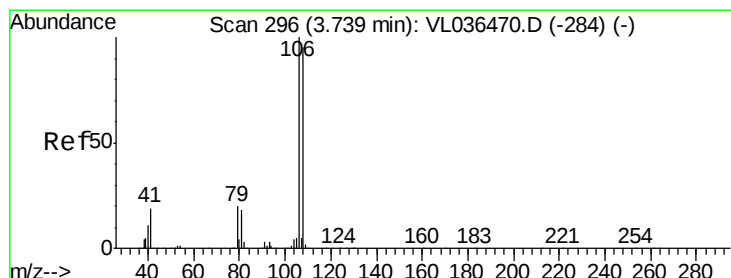
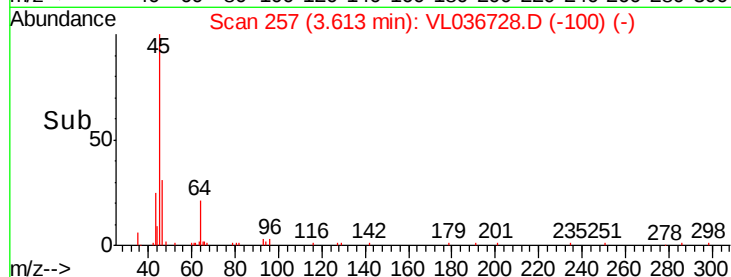
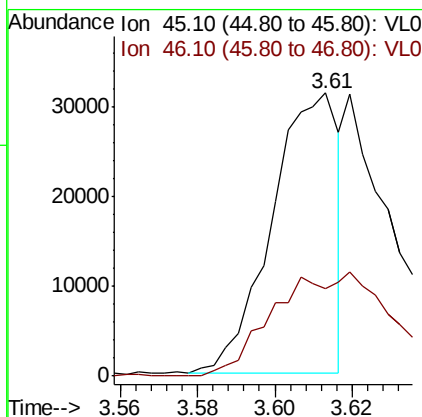
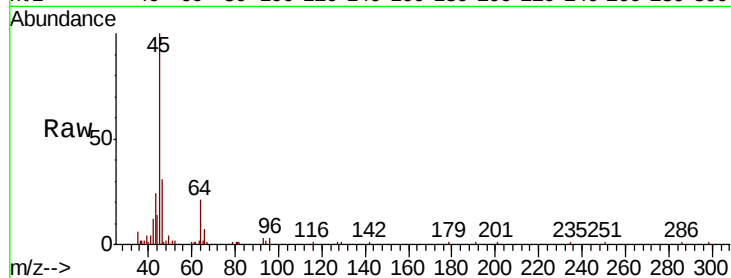




#13
Ethanol
Concen: 3.778 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.01 min
Lab File: VL036728.D
Acq: 7 Apr 2021 15:27

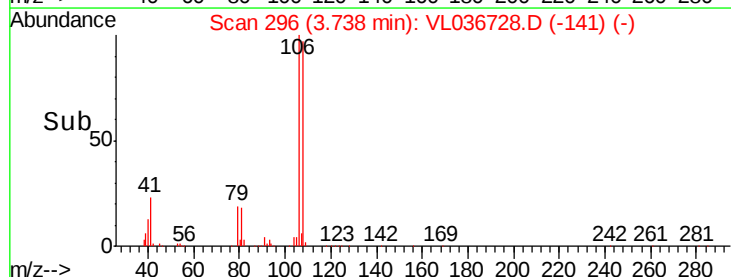
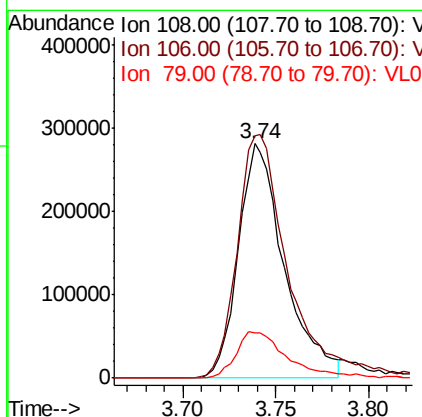
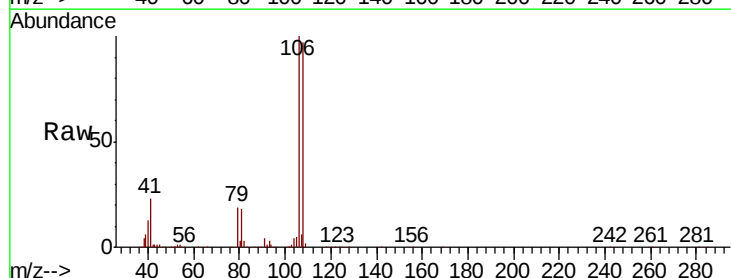
Instrument :
MSVOA_L
ClientSampleId :
VL0407ABS01

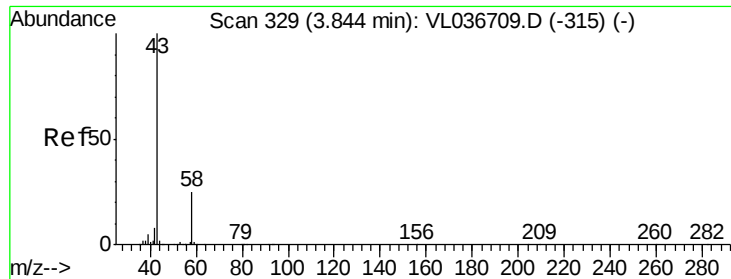
Tot Ion: 45 Resp: 37311
Ion Ratio Lower Upper
45 100
46 0.0 16.6 66.2#



#14
Bromoethene
Concen: 7.847 ppbv
RT: 3.74 min Scan# 296
Delta R.T. -0.00 min
Lab File: VL036728.D
Acq: 7 Apr 2021 15:27

Tgt Ion: 108 Resp: 482761
Ion Ratio Lower Upper
108 100
106 117.5 89.0 133.6
79 23.2 16.6 25.0

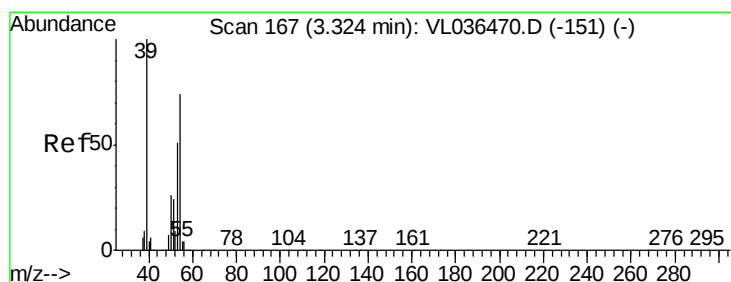
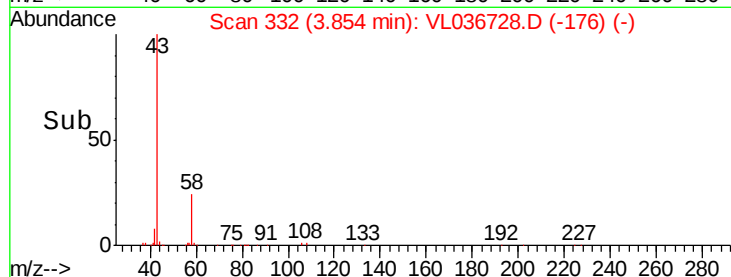
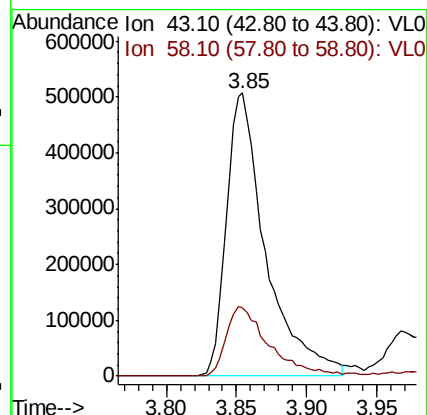
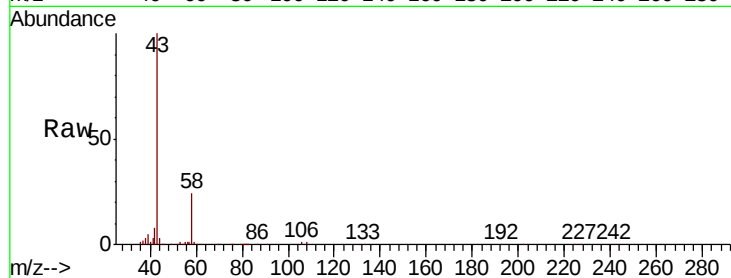




#15
Acetone
Concen: 7.202 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL036728.D
Acq: 7 Apr 2021 15:27

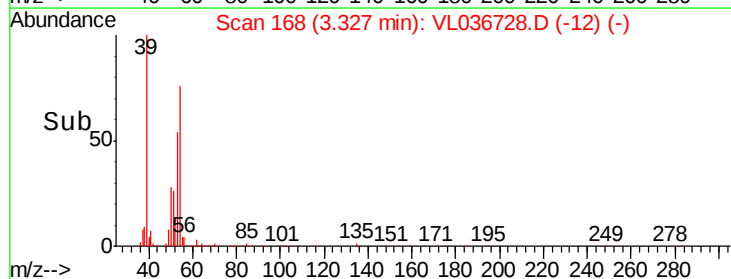
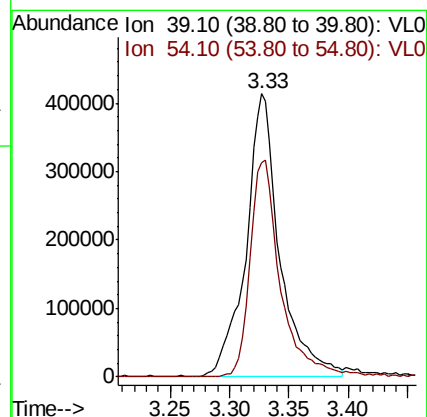
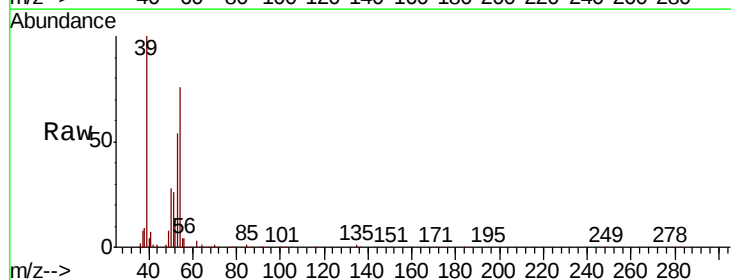
Instrument :
MSVOA_L
ClientSampleId :
VL0407ABS01

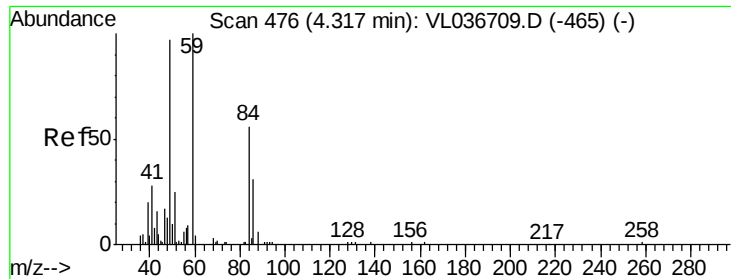
Tot Ion: 43 Resp: 986976
Ion Ratio Lower Upper
43 100
58 26.8 21.2 31.8



#16
1,3-Butadiene
Concen: 8.511 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.00 min
Lab File: VL036728.D
Acq: 7 Apr 2021 15:27

Tgt Ion: 39 Resp: 812039
Ion Ratio Lower Upper
39 100
54 69.6 58.8 88.2





#17

tert-Butyl alcohol
Concen: 8.717 ppbv
RT: 4.29 min Scan# 468
Delta R.T. -0.00 min
Lab File: VL036728.D
Acq: 7 Apr 2021 15:27

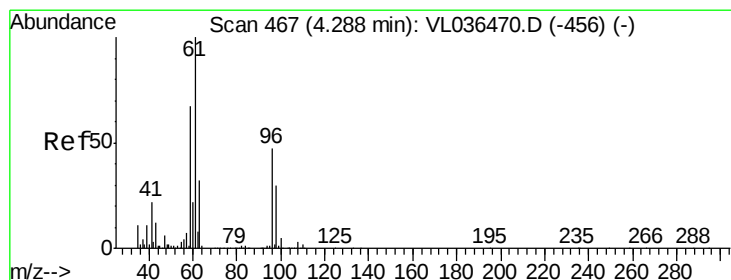
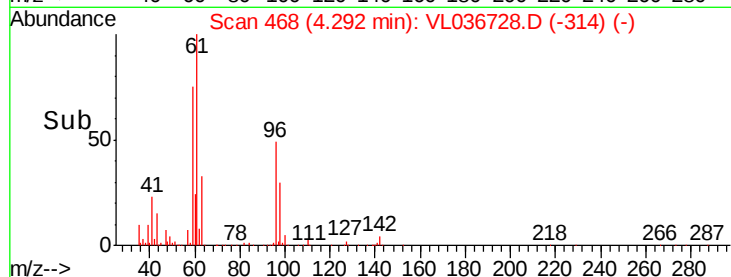
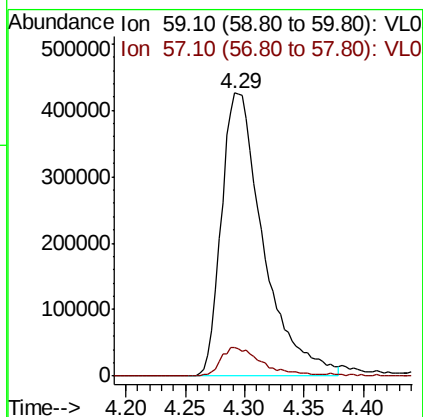
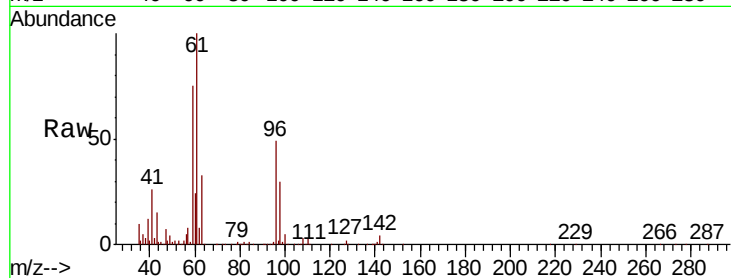
Instrument :
MSVOA_L
ClientSampleID :
VL0407ABS01

Tot Ion: 59 Resp: 1039911

Ion Ratio Lower Upper

59 100

57 10.8 8.6 12.8



#18

1,1-Dichloroethene
Concen: 7.679 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.00 min
Lab File: VL036728.D
Acq: 7 Apr 2021 15:27

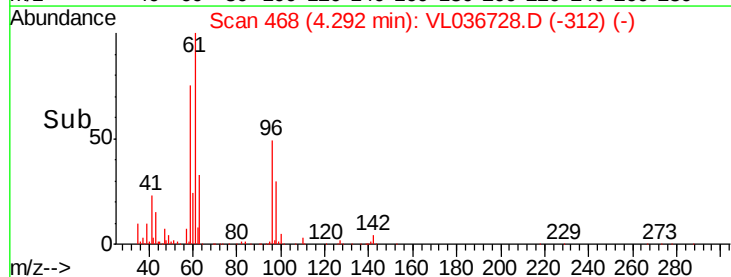
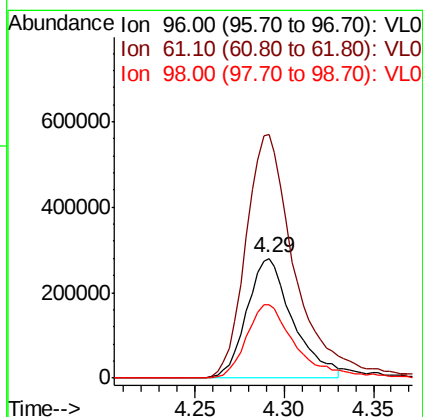
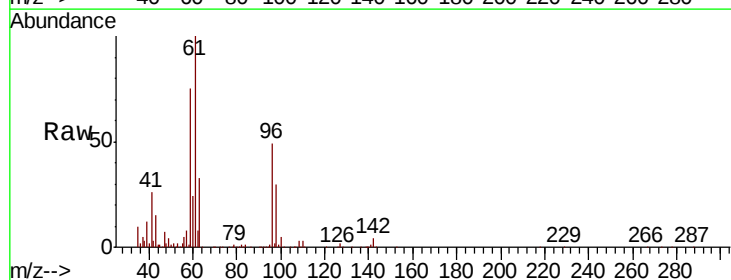
Tgt Ion: 96 Resp: 505471

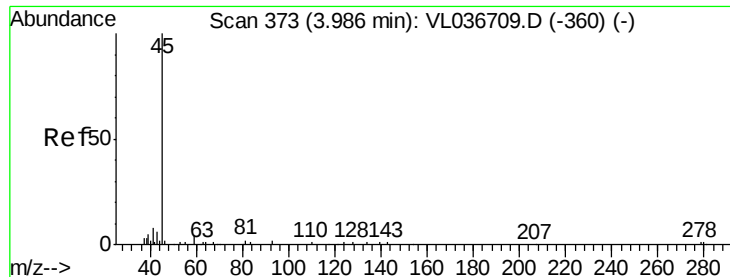
Ion Ratio Lower Upper

96 100

61 203.5 168.6 253.0

98 61.6 50.8 76.2





#19

Isopropyl Alcohol

Concen: 7.468 ppbv

RT: 3.97 min Scan# 368

Delta R.T. -0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Instrument :

MSVOA_L

ClientSampleId :

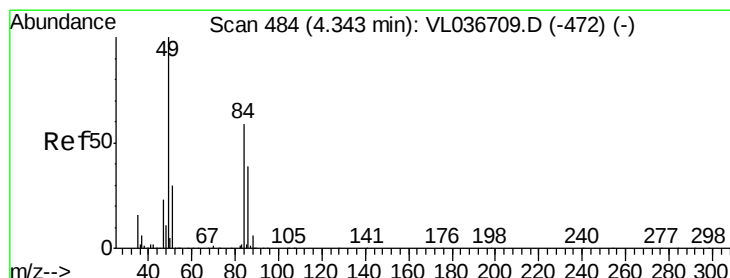
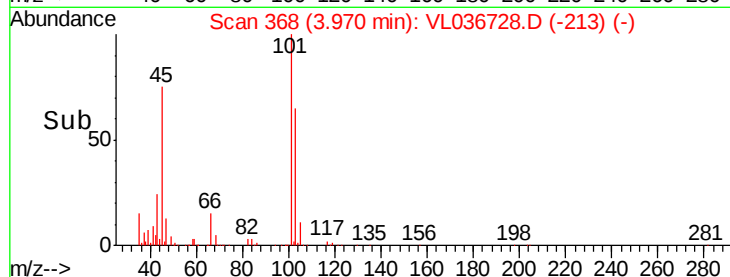
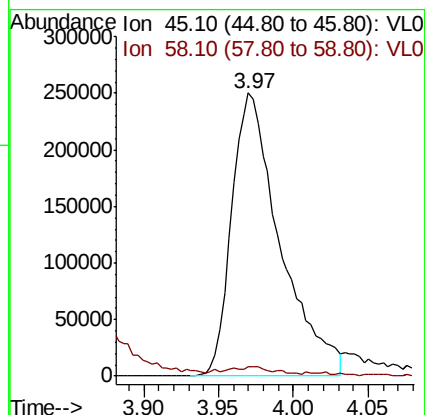
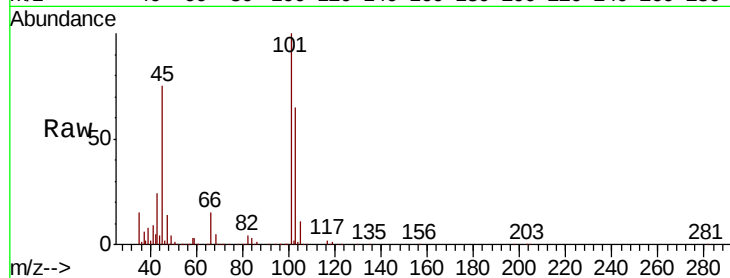
VL0407ABS01

Tot Ion: 45 Resp: 562986

Ion Ratio Lower Upper

45 100

58 4.2 2.9 4.3



#20

Methylene Chloride

Concen: 6.703 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Tgt Ion: 84 Resp: 430126

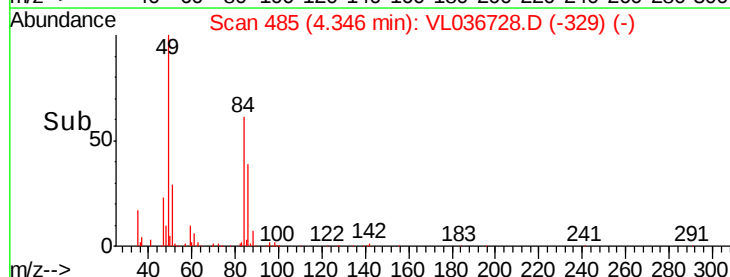
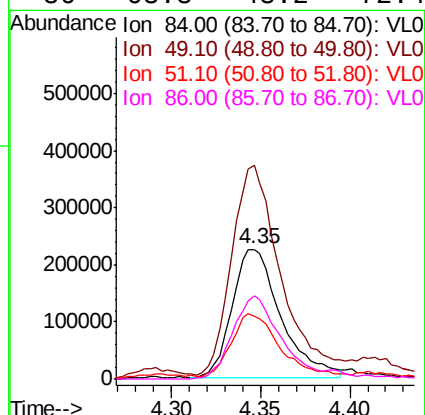
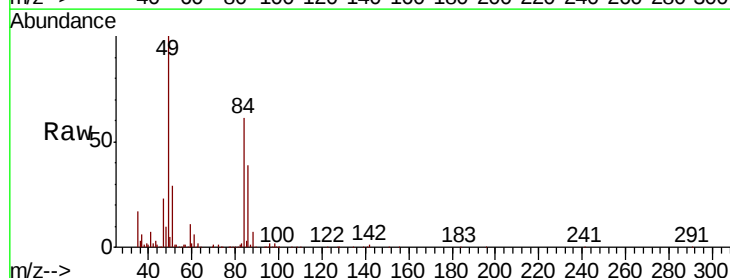
Ion Ratio Lower Upper

84 100

49 161.9 122.9 184.3

51 46.0 36.9 55.3

86 63.8 48.2 72.4

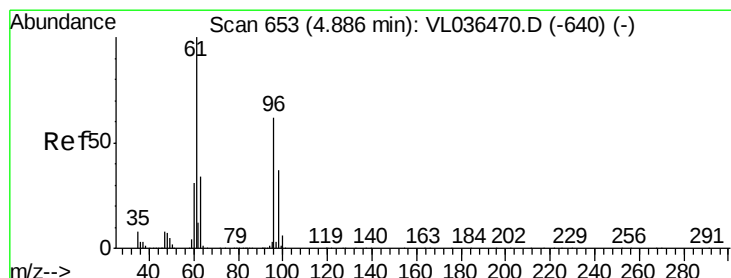
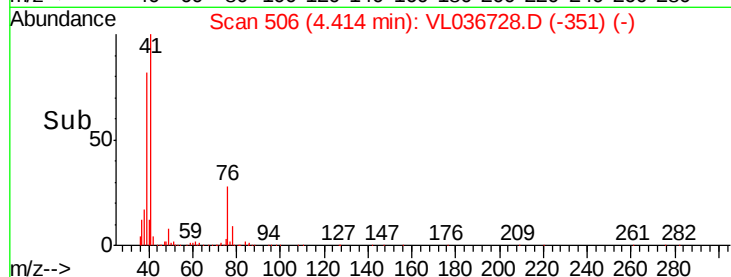
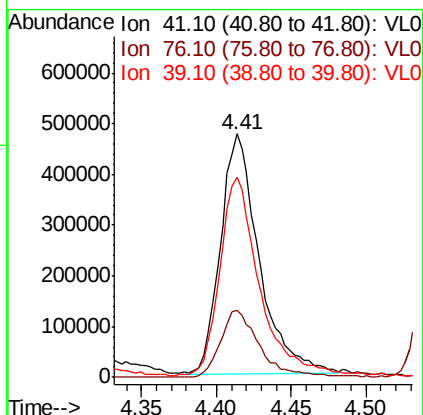
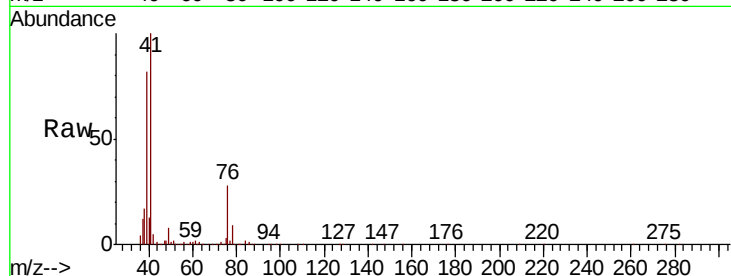




#21
 Allvl Chloride
 Concen: 7.801 ppbv
 RT: 4.41 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

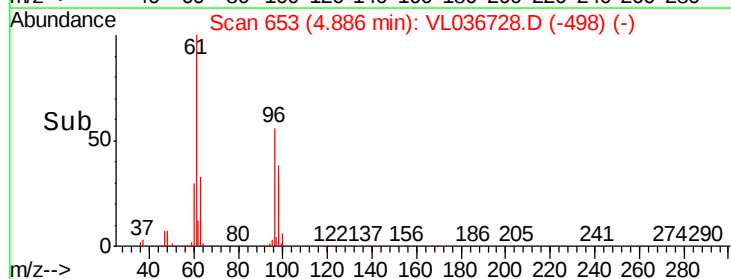
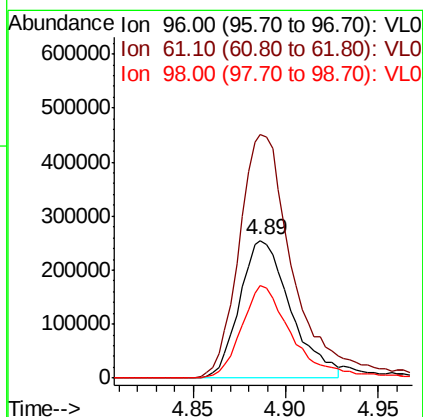
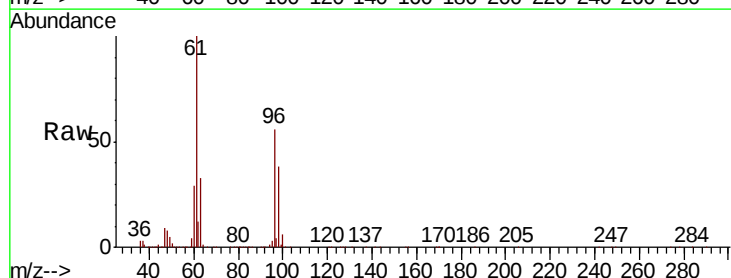
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0407ABS01

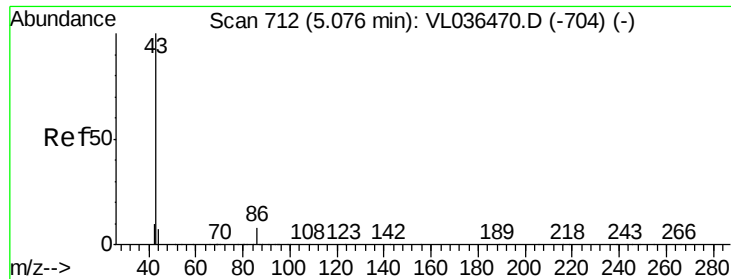
Tot Ion	Ratio	Lower	Upper
41	100		
76	28.4	22.9	34.3
39	85.2	67.3	100.9



#22
 trans-1,2-Dichloroethene
 Concen: 7.940 ppbv
 RT: 4.89 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.1	129.4	194.0
98	67.1	48.2	72.4

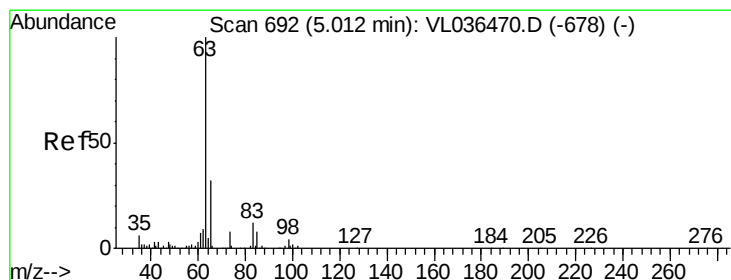
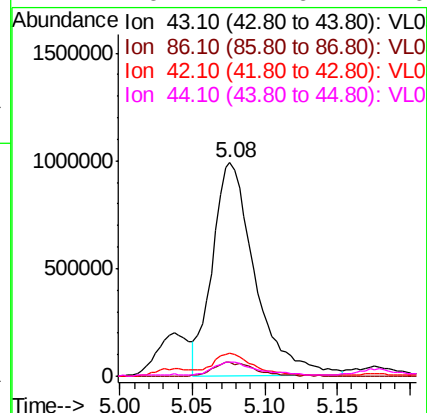
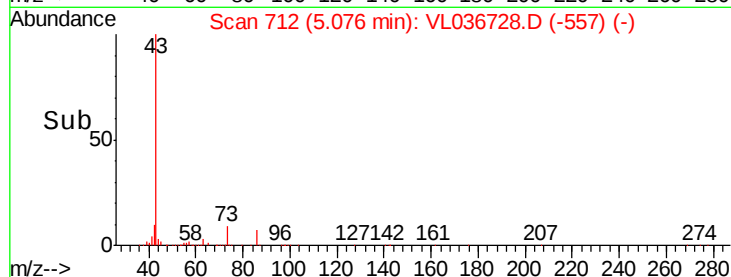
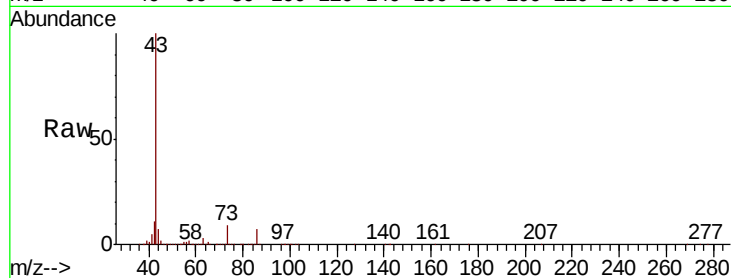




#23
 Vinyl Acetate
 Concen: 8.524 ppbv
 RT: 5.08 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

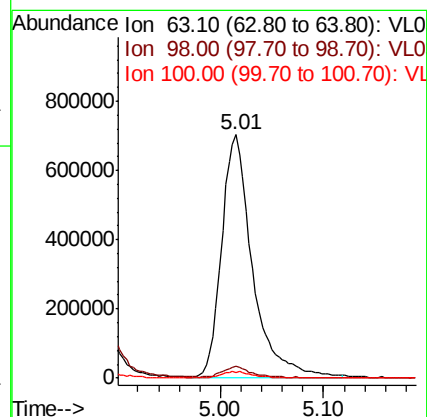
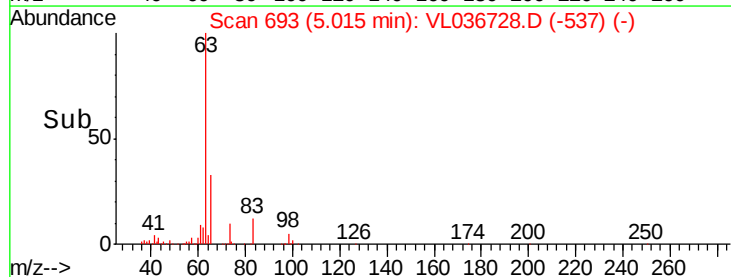
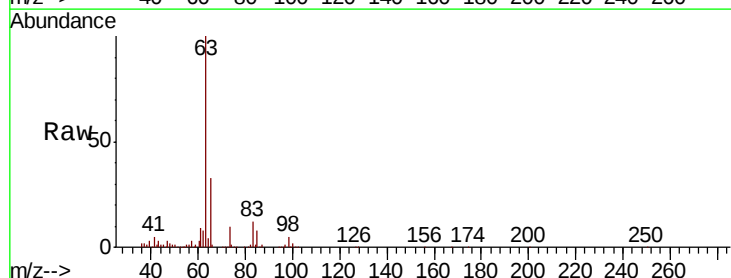
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0407ABS01

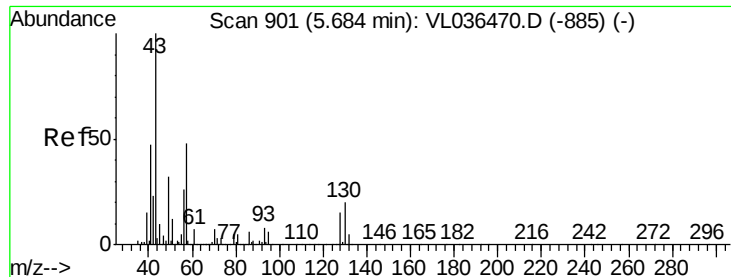
Tot Ion:	43	Resp:	1998335
Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.4	8.0
42	10.2	8.5	12.7
44	6.2	4.6	7.0



#24
 1,1-Dichloroethane
 Concen: 8.485 ppbv
 RT: 5.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

Tgt Ion:	63	Resp:	1449881
Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.1	6.2
100	2.3	0.9	2.8



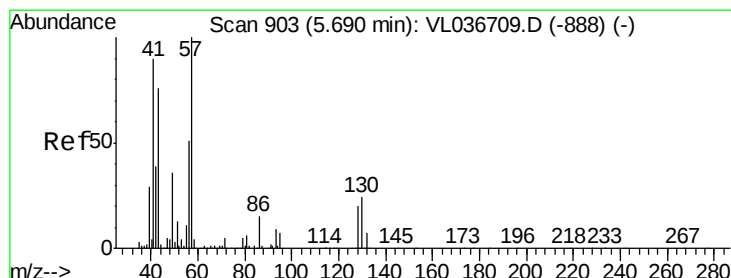
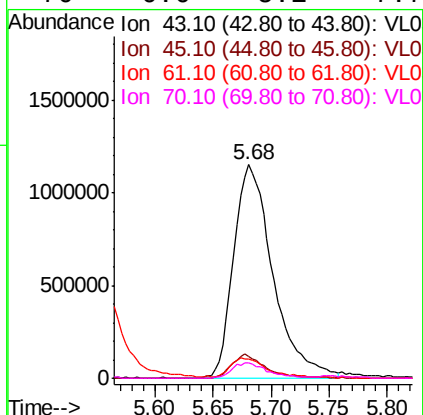
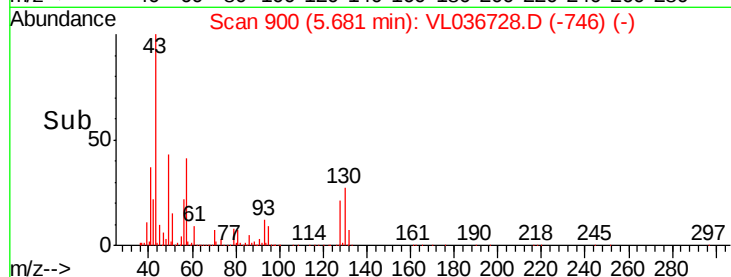
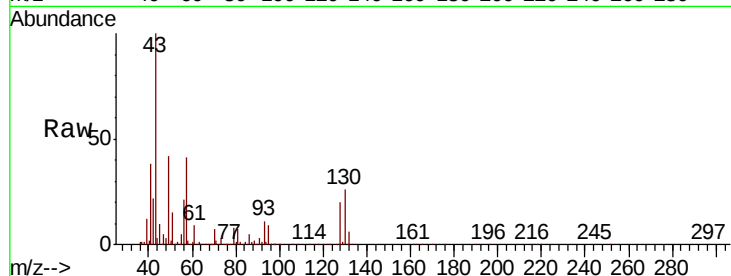


#25
Ethyl Acetate
Concen: 8.290 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL036728.D
Acq: 7 Apr 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
VL0407ABS01

Tot Ion: 43 Resp: 2700954

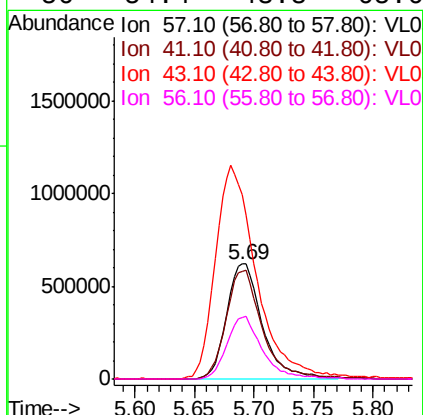
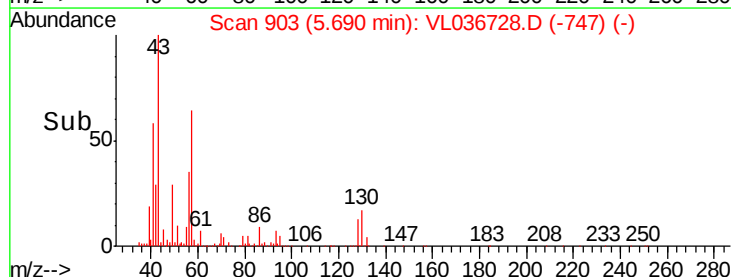
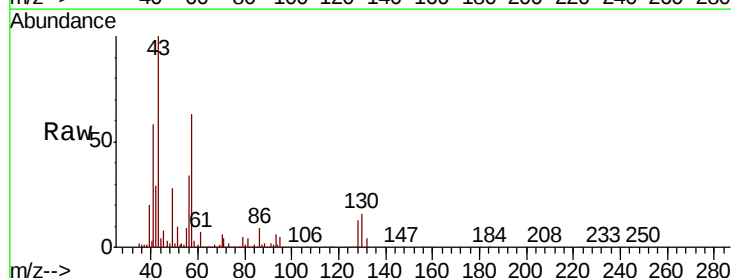
Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.9	11.9
61	9.3	7.4	11.2
70	6.6	5.1	7.7

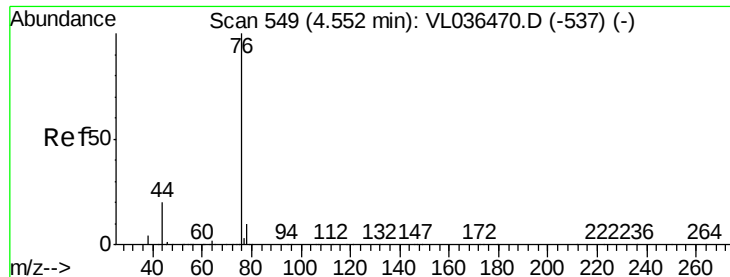


#26
Hexane
Concen: 8.556 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.00 min
Lab File: VL036728.D
Acq: 7 Apr 2021 15:27

Tgt Ion: 57 Resp: 1293631

Ion	Ratio	Lower	Upper
57	100		
41	96.8	77.2	115.8
43	213.7	173.8	260.6
56	54.4	43.8	65.6





#27

Carbon Disulfide

Concen: 8.620 ppbv

RT: 4.56 min Scan# 550

Delta R.T. 0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Instrument :

MSVOA_L

ClientSampleId :

VL0407ABS01

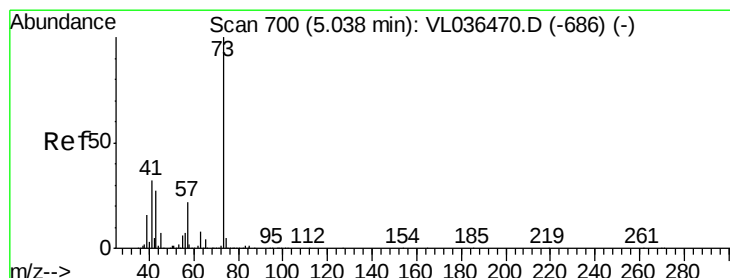
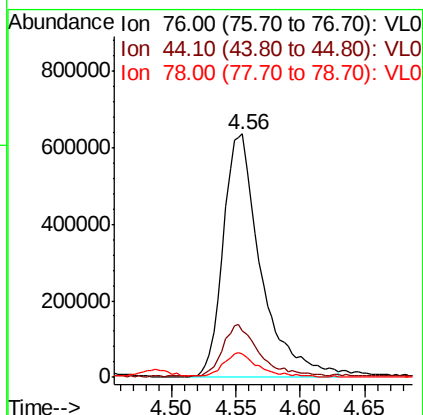
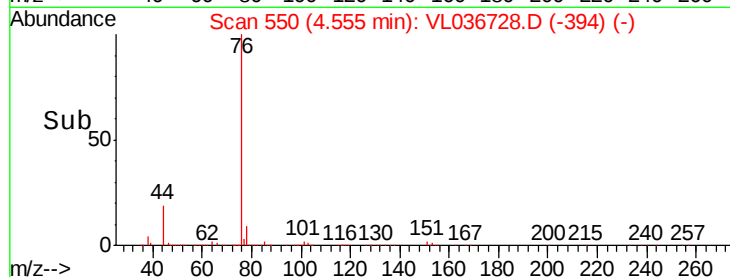
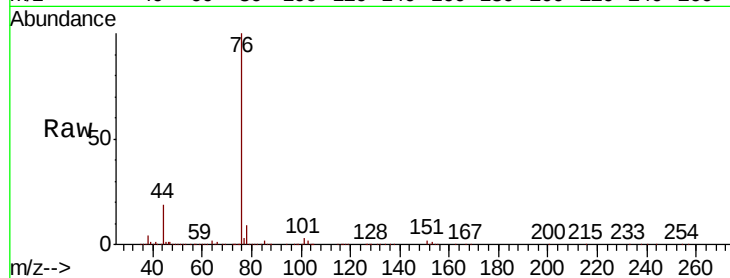
Tot Ion: 76 Resp: 1283968

Ion Ratio Lower Upper

76 100

44 21.3 17.5 26.3

78 10.1 8.6 13.0



#28

Methyl tert-Butyl Ether

Concen: 7.902 ppbv

RT: 5.04 min Scan# 700

Delta R.T. -0.00 min

Lab File: VL036728.D

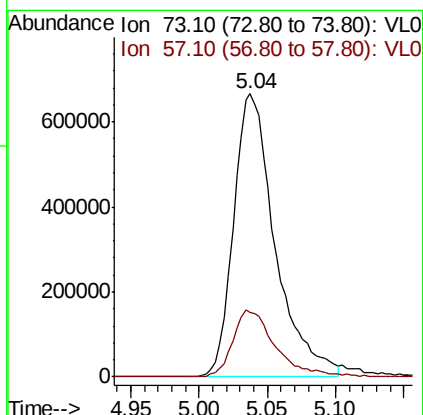
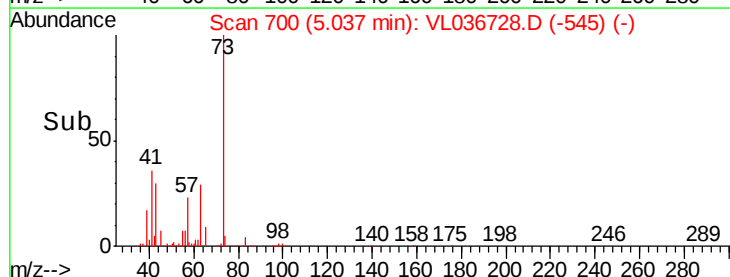
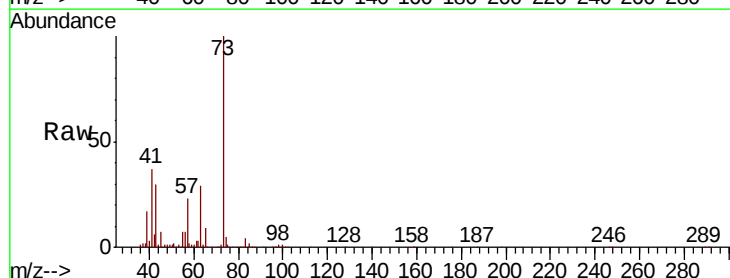
Acq: 7 Apr 2021 15:27

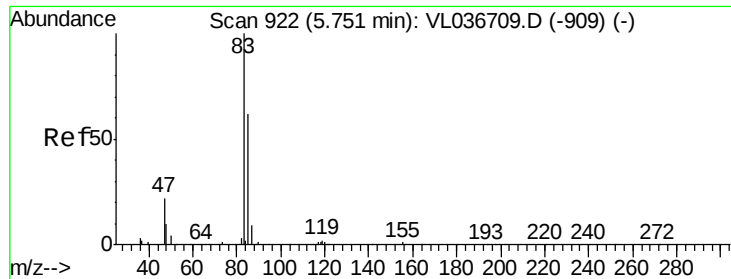
Tgt Ion: 73 Resp: 1409013

Ion Ratio Lower Upper

73 100

57 24.3 18.5 27.7





#29

Chloroform

Concen: 8.581 ppbv

RT: 5.76 min Scan# 924

Delta R.T. 0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Instrument :

MSVOA_L

ClientSampleId :

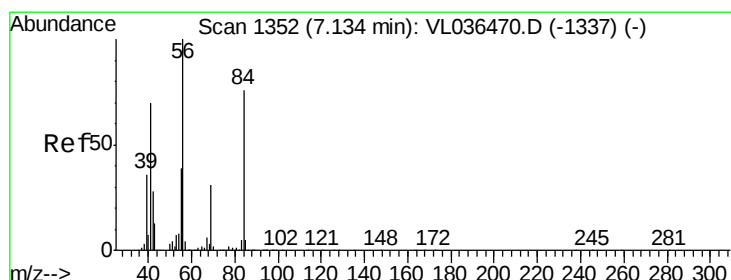
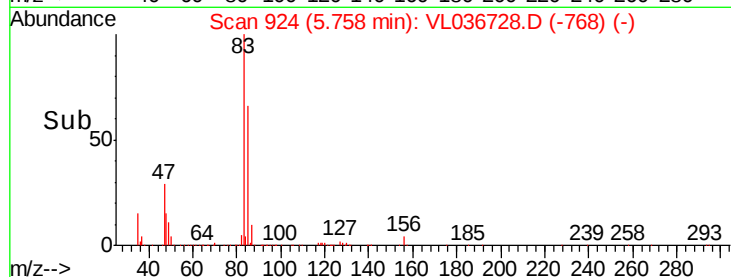
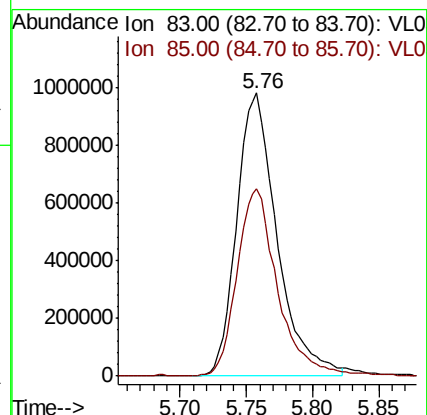
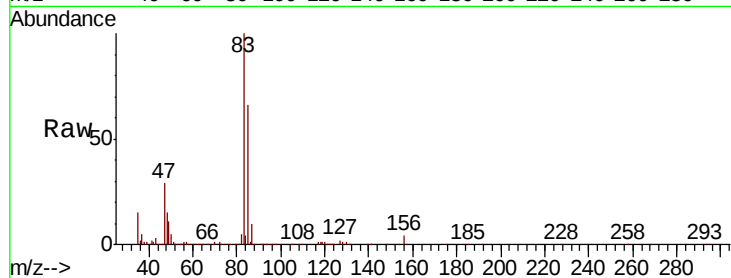
VL0407ABS01

Tot Ion: 83 Resp: 2075102

Ion Ratio Lower Upper

83 100

85 66.0 52.6 78.8



#30

Cyclohexane

Concen: 9.029 ppbv

RT: 7.14 min Scan# 1353

Delta R.T. 0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

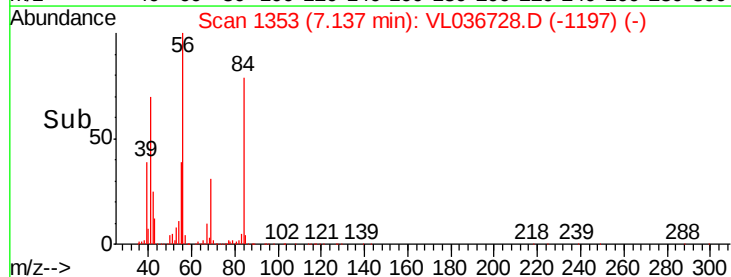
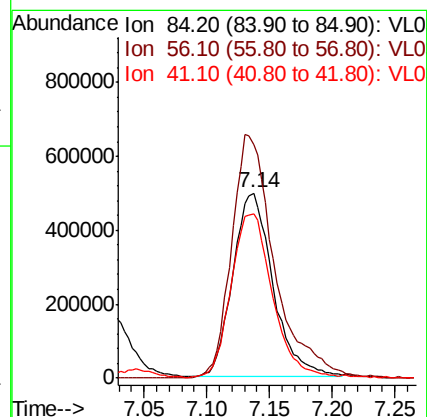
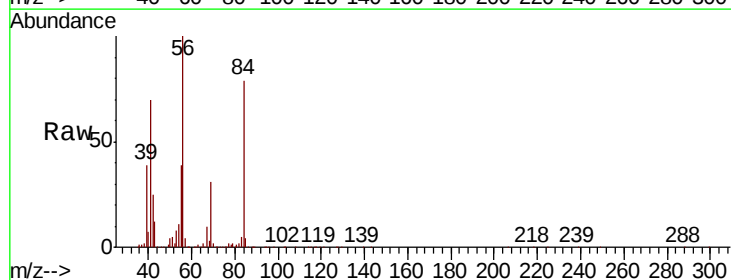
Tgt Ion: 84 Resp: 1107156

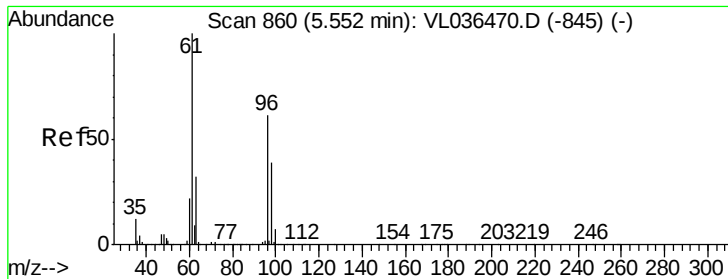
Ion Ratio Lower Upper

84 100

56 142.8 114.6 171.8

41 92.8 75.3 112.9



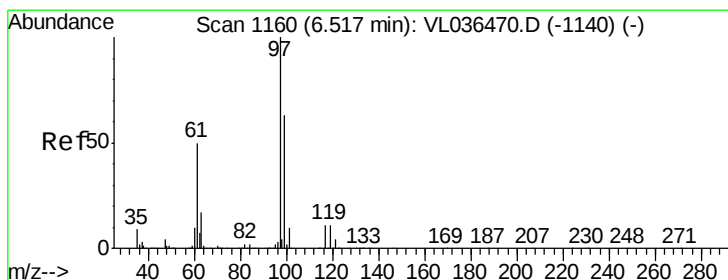
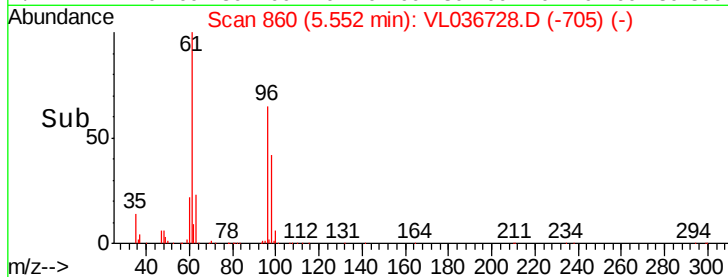
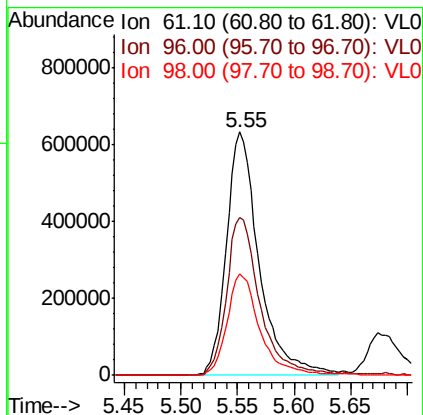
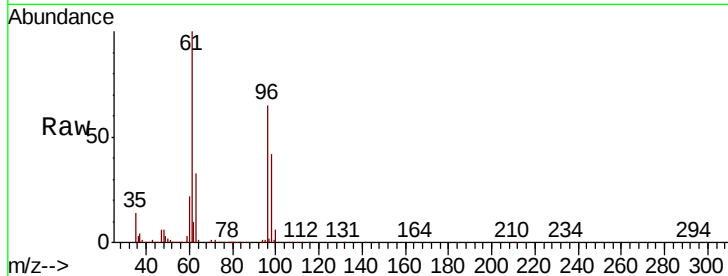


#31

cis-1,2-Dichloroethene
Concen: 8.712 ppbv
RT: 5.55 min Scan# 860
Delta R.T. -0.00 min
Lab File: VL036728.D
Acq: 7 Apr 2021 15:27

Instrument :
MSVOA_L
ClientSampleId :
VL0407ABS01

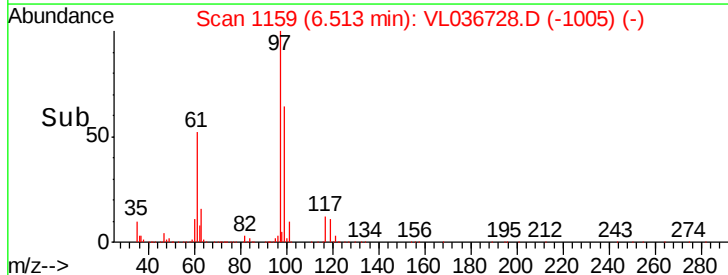
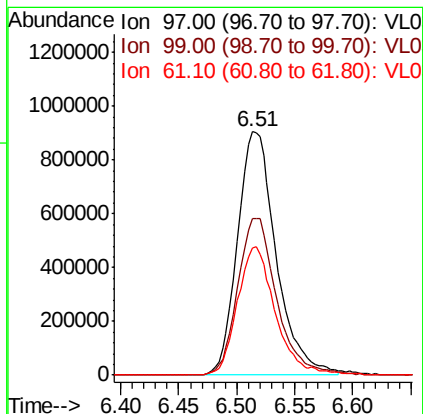
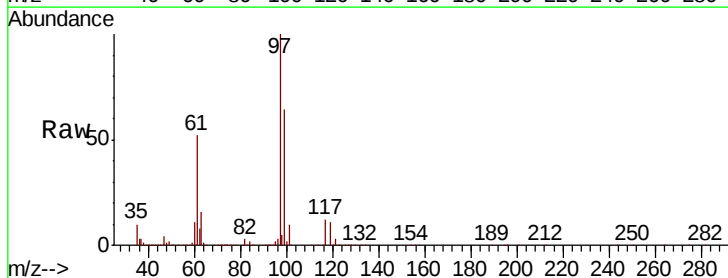
Tot Ion: 61 Resp: 1274129
Ion Ratio Lower Upper
61 100
96 64.8 48.7 73.1
98 41.9 31.4 47.0

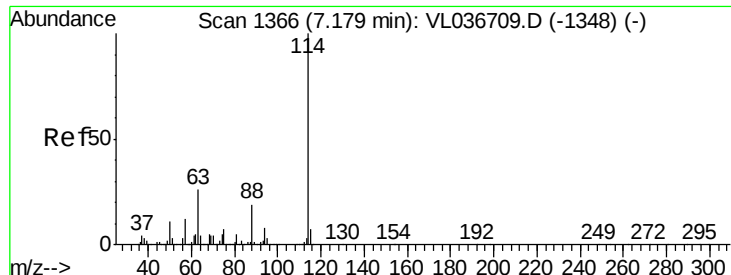


#32

1,1,1-Trichloroethane
Concen: 8.638 ppbv
RT: 6.51 min Scan# 1159
Delta R.T. -0.00 min
Lab File: VL036728.D
Acq: 7 Apr 2021 15:27

Tgt Ion: 97 Resp: 2104938
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.0
61 51.9 40.6 60.8

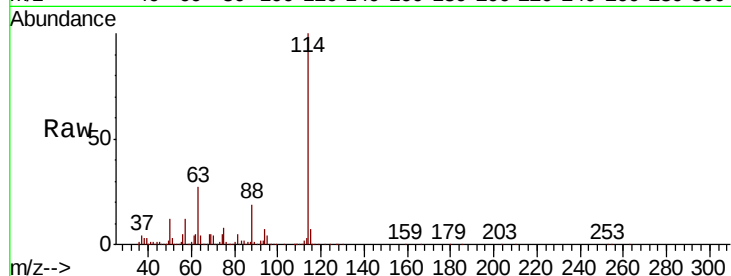




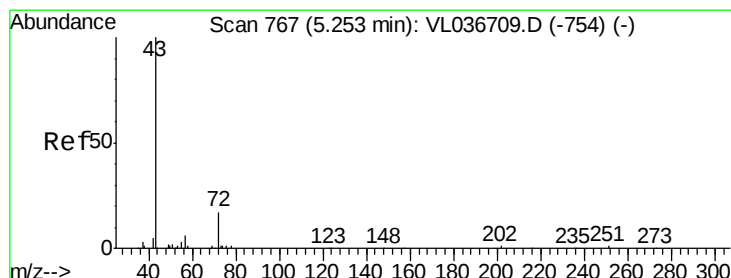
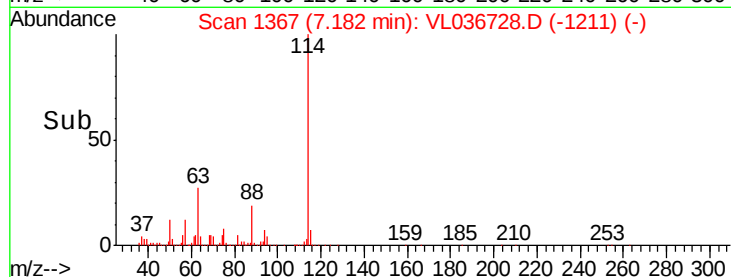
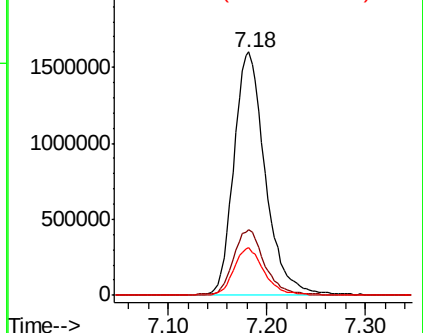
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0407ABS01

Tot Ion:114 Resp: 3529217
 Ion Ratio Lower Upper
 114 100
 63 27.3 22.4 33.6
 88 18.8 15.4 23.0

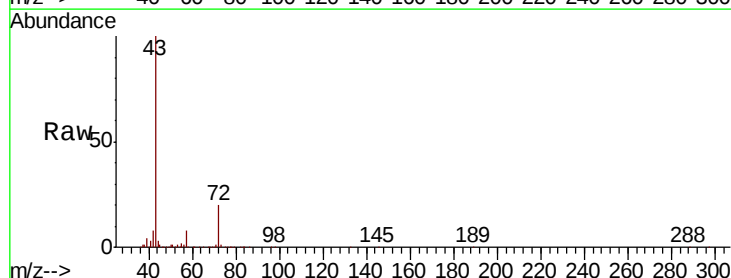


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

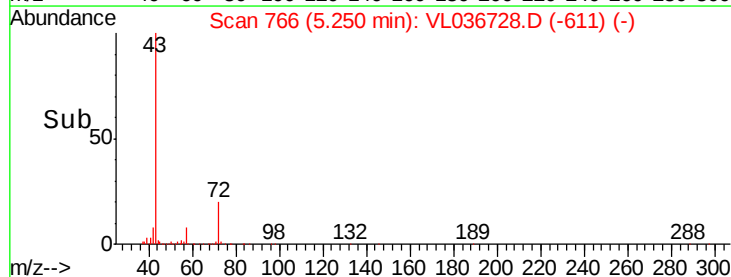
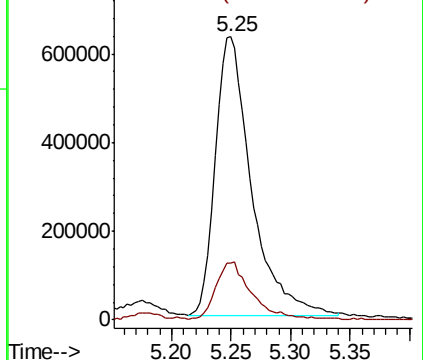


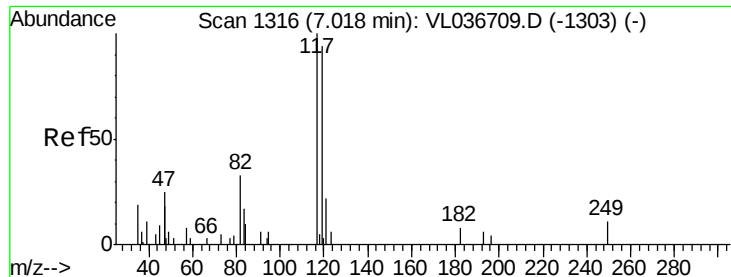
#34
 2-Butanone
 Concen: 7.680 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

Tgt Ion: 43 Resp: 1323054
 Ion Ratio Lower Upper
 43 100
 72 21.3 17.0 25.6



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





#35

Carbon Tetrachloride

Concen: 8.256 ppbv

RT: 7.02 min Scan# 1318

Delta R.T. 0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Instrument :

MSVOA_L

ClientSampleId :

VL0407ABS01

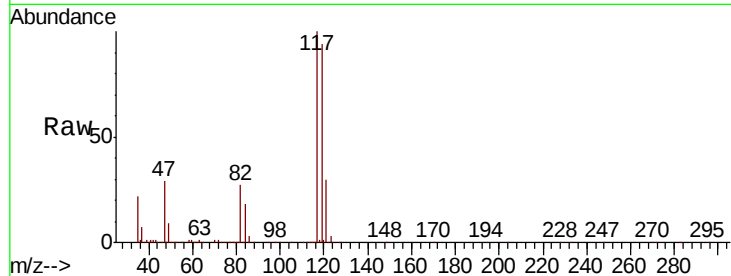
Tot Ion:117 Resp: 2237941

Ion Ratio Lower Upper

117 100

119 94.0 78.2 117.2

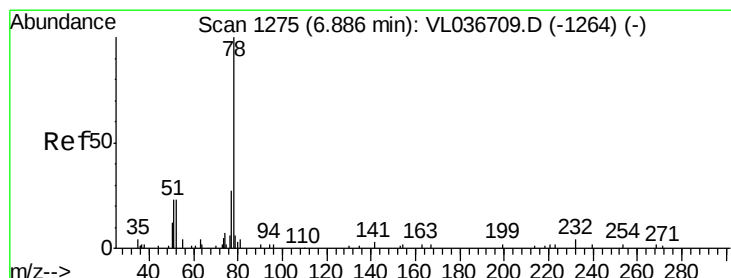
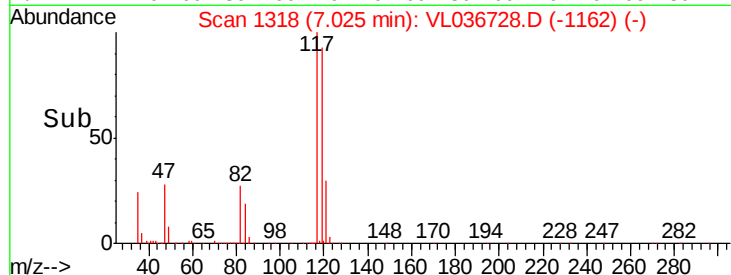
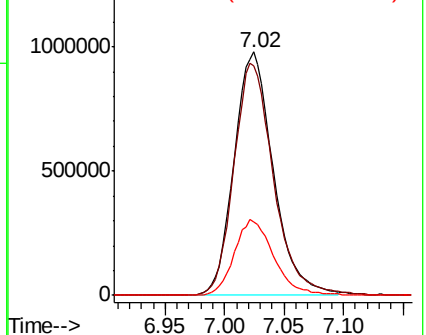
121 30.3 24.5 36.7



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: 8.330 ppbv

RT: 6.90 min Scan# 1278

Delta R.T. -0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

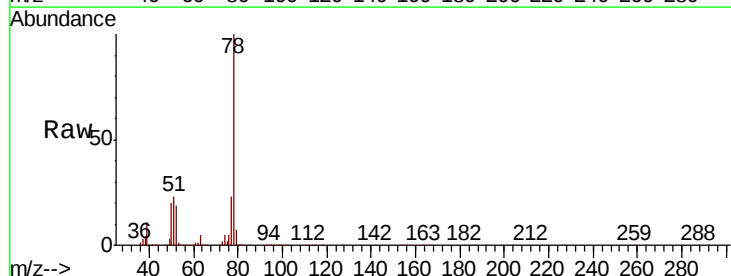
Tgt Ion: 78 Resp: 2711195

Ion Ratio Lower Upper

78 100

77 23.1 18.0 27.0

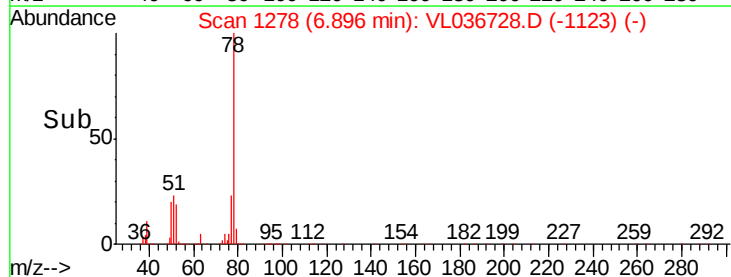
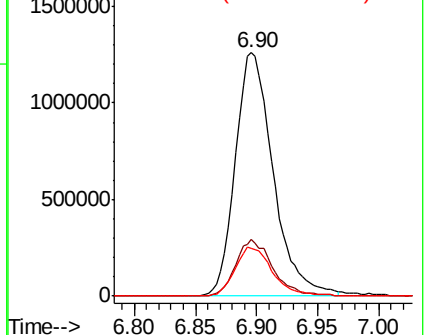
50 19.8 16.5 24.7

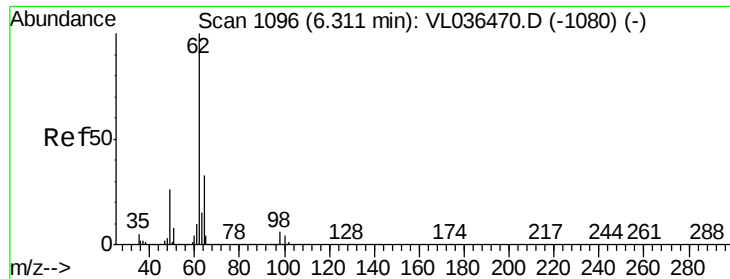


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

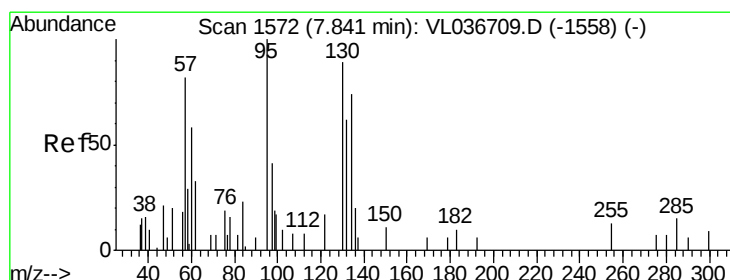
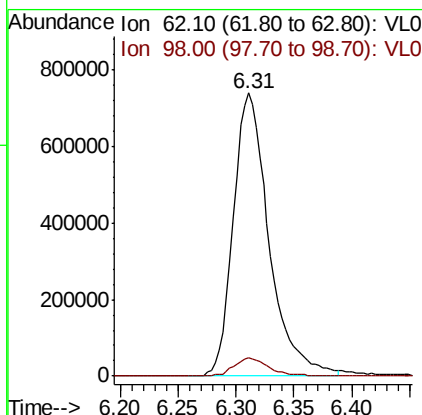
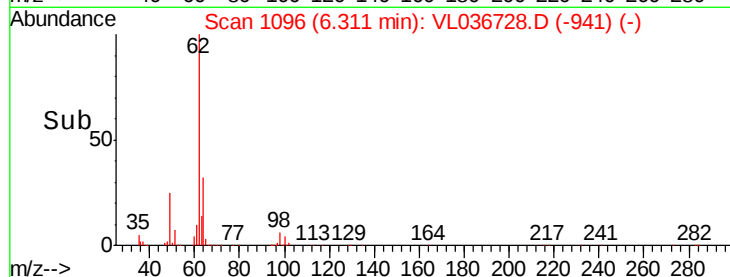
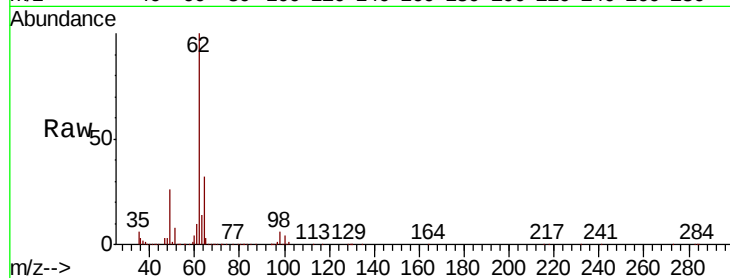




#37
 1,2-Dichloroethane
 Concen: 8.257 ppbv
 RT: 6.31 min Scan# 1096
 Delta R.T. -0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

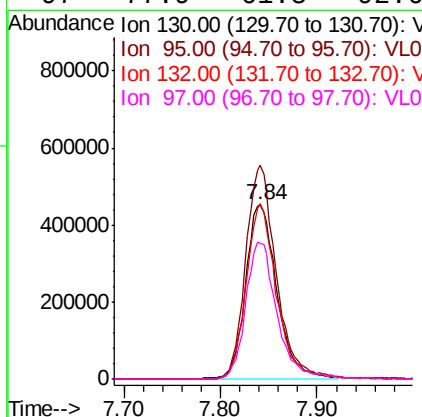
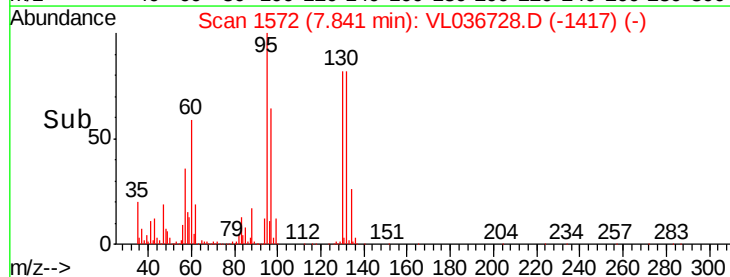
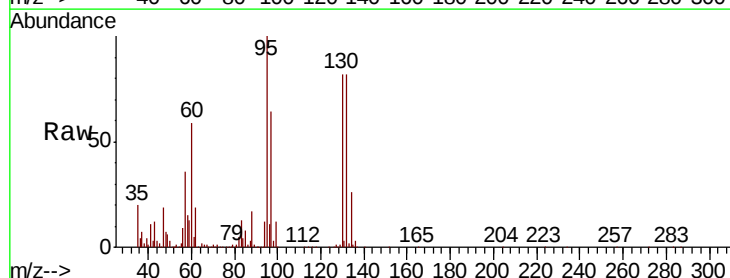
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0407ABS01

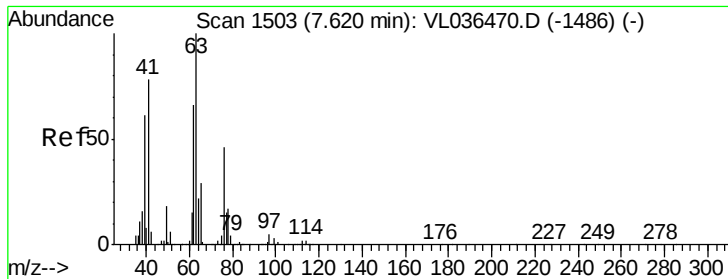
Tot Ion: 62 Resp: 1581775
 Ion Ratio Lower Upper
 62 100
 98 6.5 4.9 7.3



#38
 Trichloroethene
 Concen: 8.053 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

Tgt Ion: 130 Resp: 1020082
 Ion Ratio Lower Upper
 130 100
 95 122.4 95.7 143.5
 132 100.9 76.2 114.4
 97 77.9 61.8 92.6

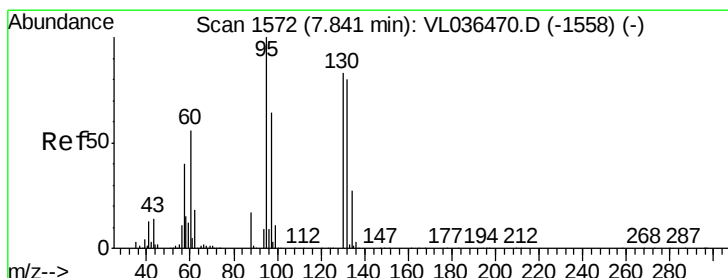
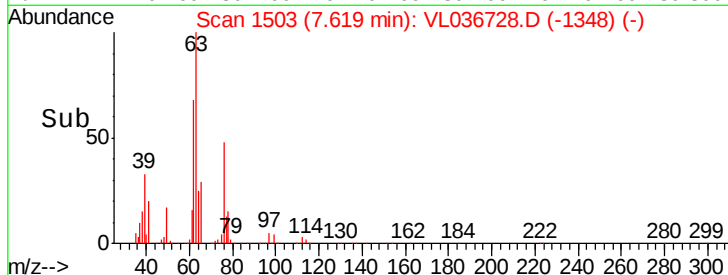
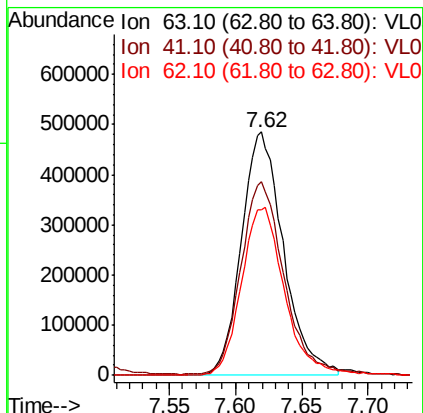
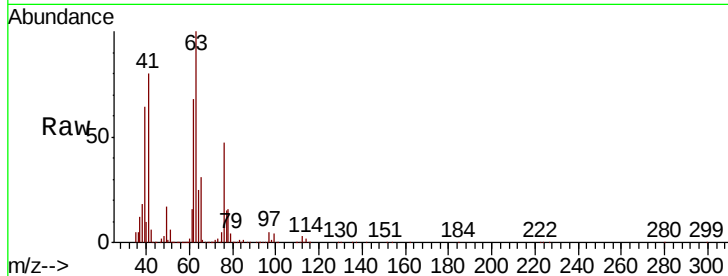




#39
 1,2-Dichloropropane
 Concen: 8.092 ppbv
 RT: 7.62 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

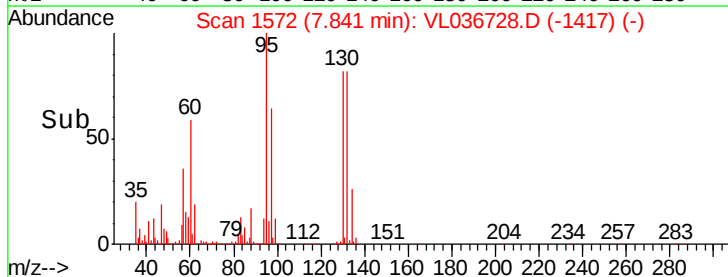
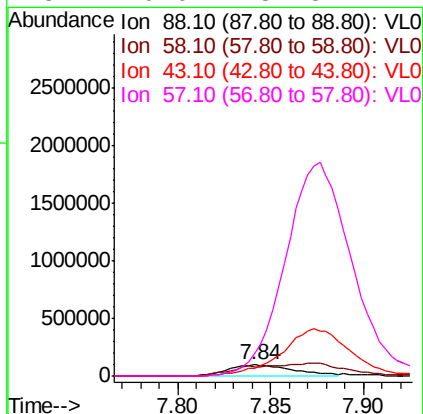
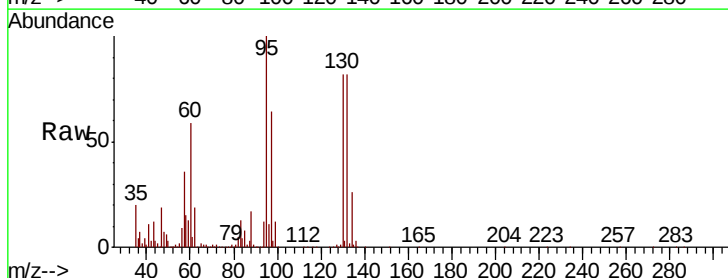
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0407ABS01

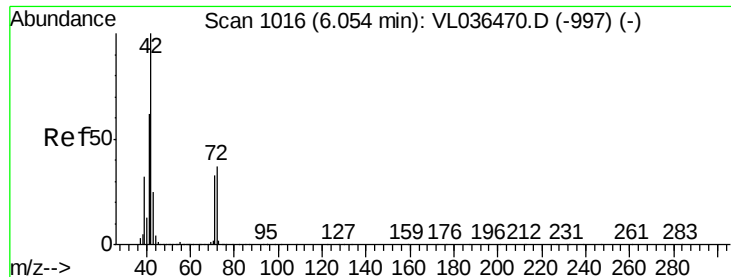
Tot Ion: 63 Resp: 1068445
 Ion Ratio Lower Upper
 63 100
 41 79.2 62.4 93.6
 62 67.9 52.8 79.2



#40
 1,4-Dioxane
 Concen: 7.452 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

Tgt Ion: 88 Resp: 228993
 Ion Ratio Lower Upper
 88 100
 58 0.0 134.1 201.1#
 43 0.0 346.6 520.0#
 57 0.0 1481.8 2222.8#





#41

Tetrahydrofuran

Concen: 7.011 ppbv

RT: 6.06 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Instrument :

MSVOA_L

ClientSampleId :

VL0407ABS01

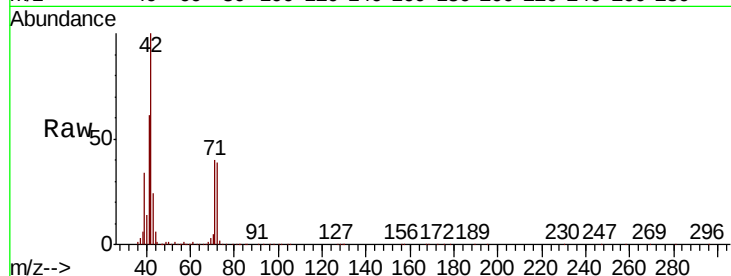
Tot Ion: 42 Resp: 556900

Ion Ratio Lower Upper

42 100

72 37.1 27.6 41.4

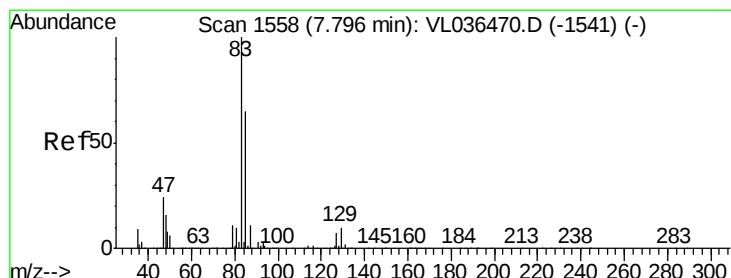
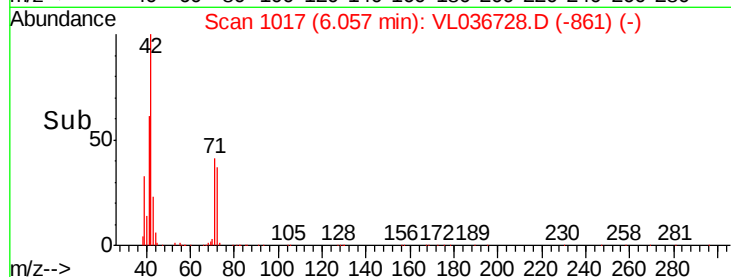
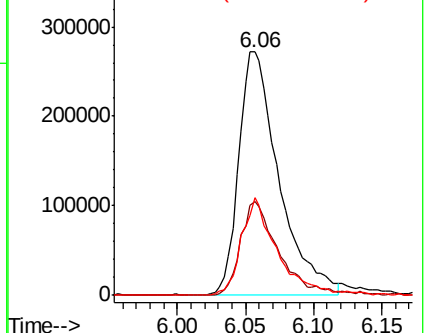
71 36.1 27.0 40.4



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: 8.540 ppbv

RT: 7.80 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

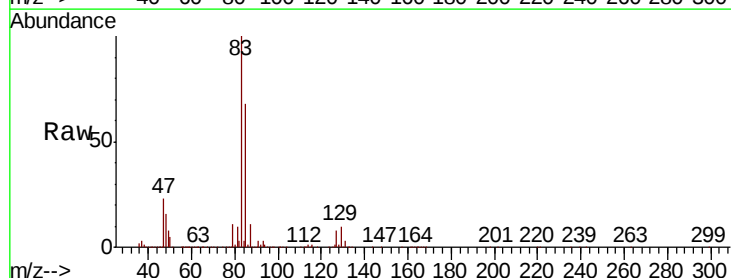
Tgt Ion: 83 Resp: 2225332

Ion Ratio Lower Upper

83 100

85 67.6 51.8 77.6

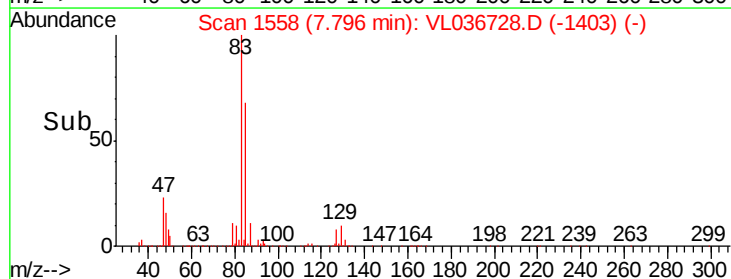
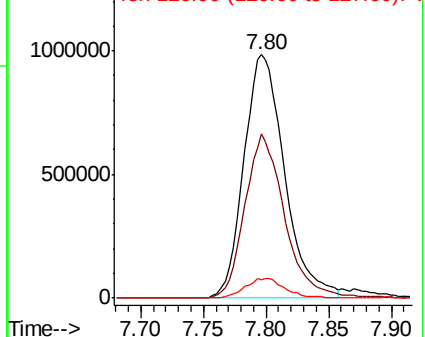
127 7.5 5.8 8.8

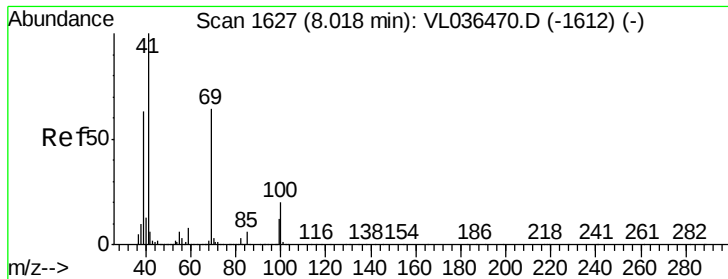


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V

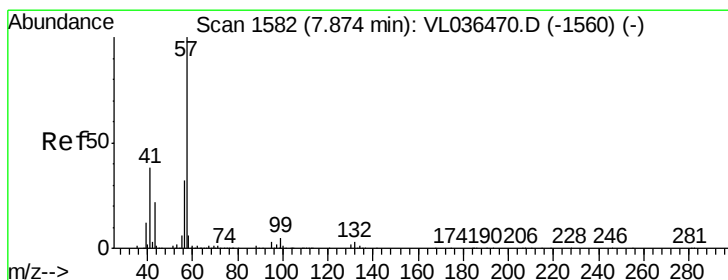
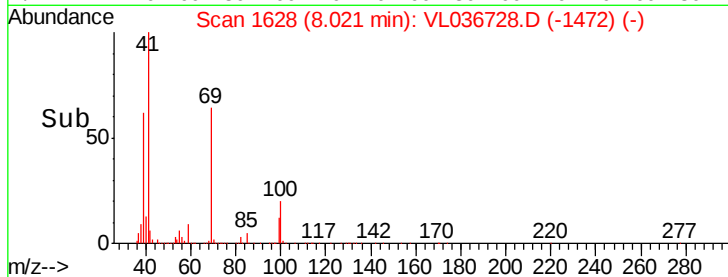
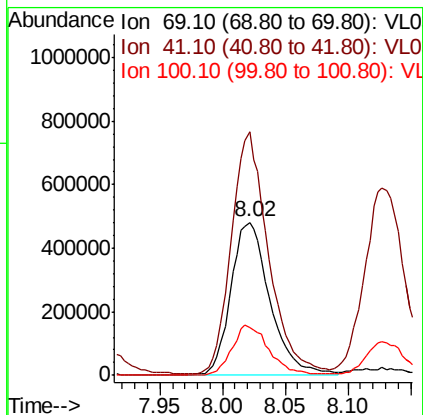
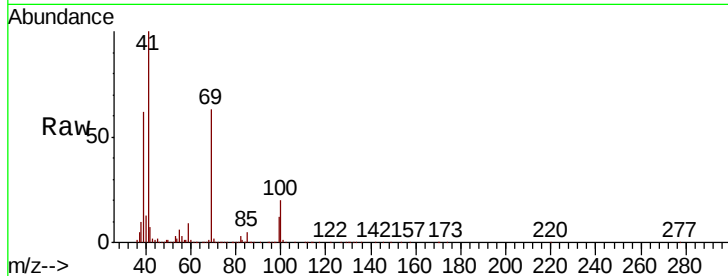




#43
Methvl Methacrilate
Concen: 9.506 ppbv
RT: 8.02 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VL036728.D
Acq: 7 Apr 2021 15:27

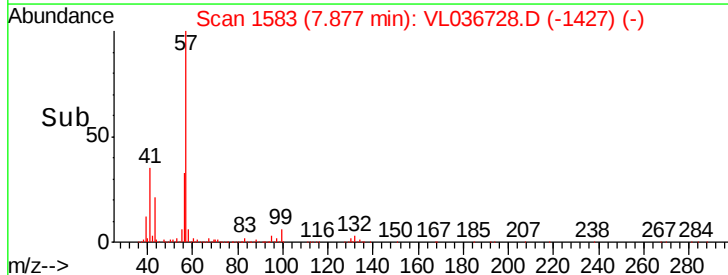
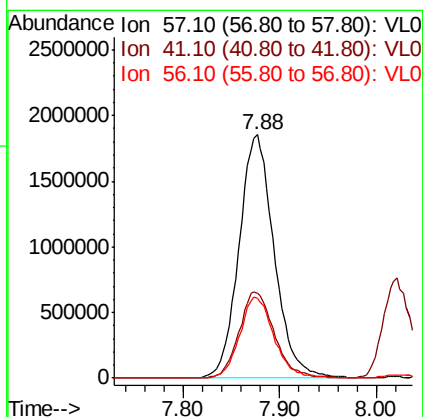
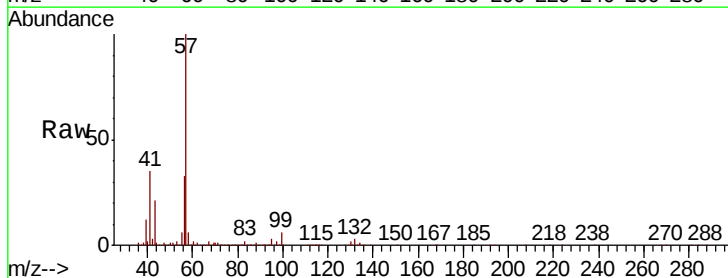
Instrument :
MSVOA_L
ClientSampleId :
VL0407ABS01

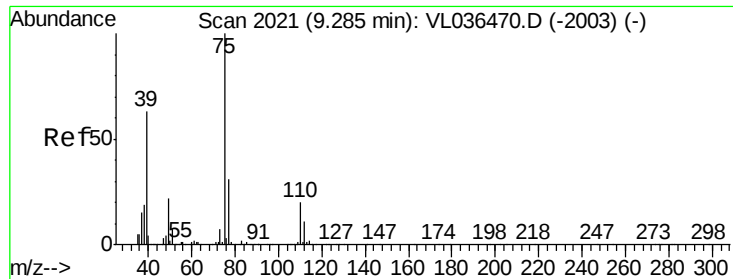
Tot Ion: 69 Resp: 1038932
Ion Ratio Lower Upper
69 100
41 151.7 126.8 190.2
100 31.5 24.9 37.3



#44
2,2,4-Trimethylpentane
Concen: 8.161 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VL036728.D
Acq: 7 Apr 2021 15:27

Tgt Ion: 57 Resp: 4675141
Ion Ratio Lower Upper
57 100
41 35.7 28.8 43.2
56 32.5 26.1 39.1

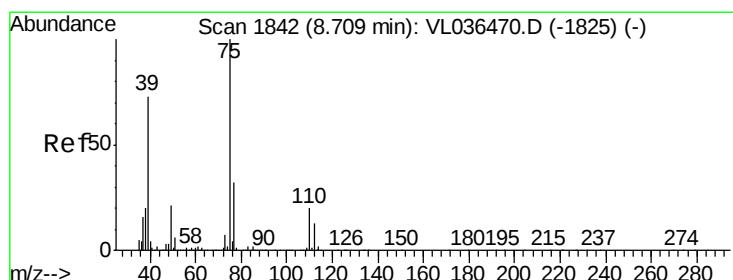
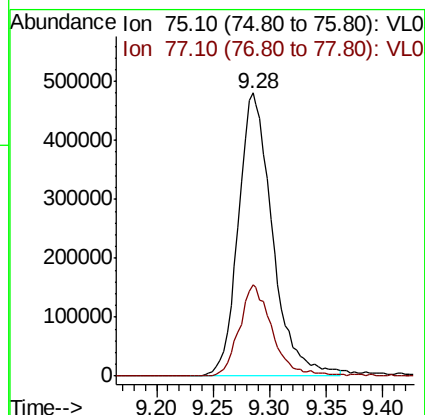
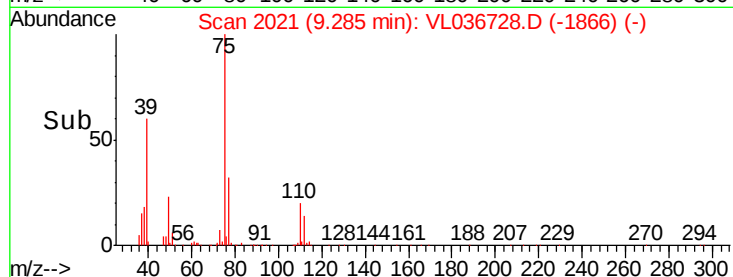
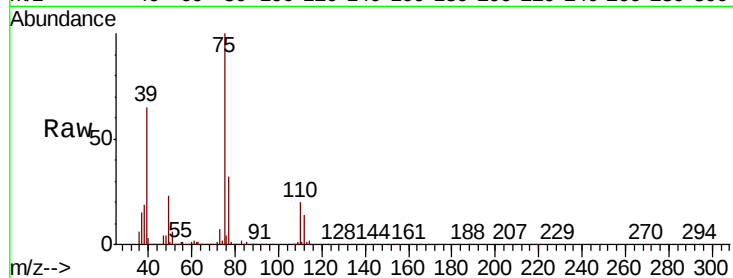




#45
 t-1,3-Dichloropropene
 Concen: 8.074 ppbv
 RT: 9.28 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

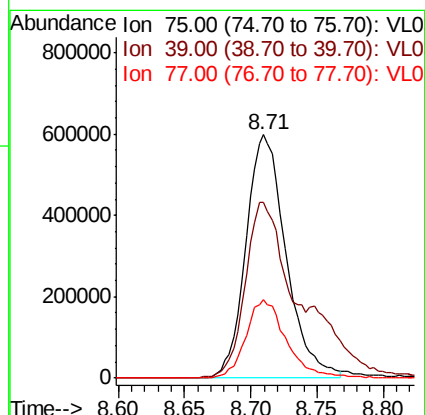
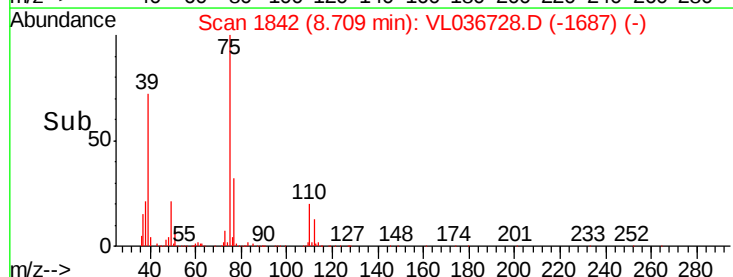
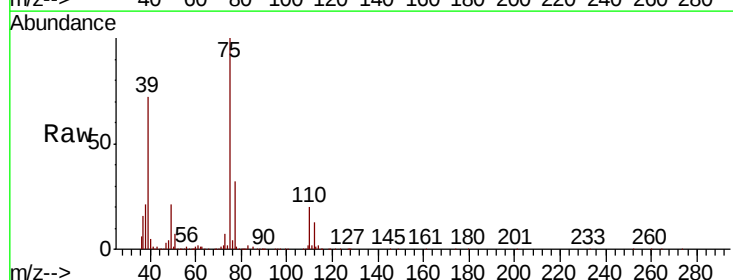
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0407ABS01

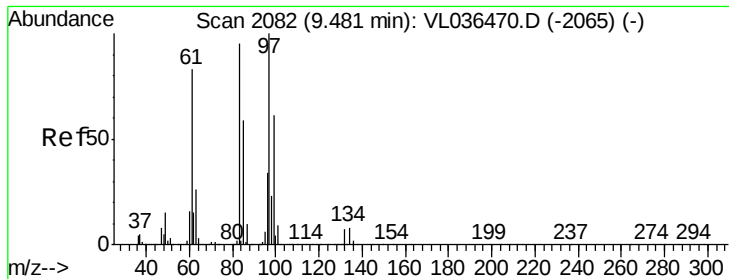
Tot Ion: 75 Resp: 1007662
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.1 37.7



#46
 cis-1,3-Dichloropropene
 Concen: 7.889 ppbv
 RT: 8.71 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

Tgt Ion: 75 Resp: 1258539
 Ion Ratio Lower Upper
 75 100
 39 71.8 58.2 87.2
 77 32.0 25.2 37.8



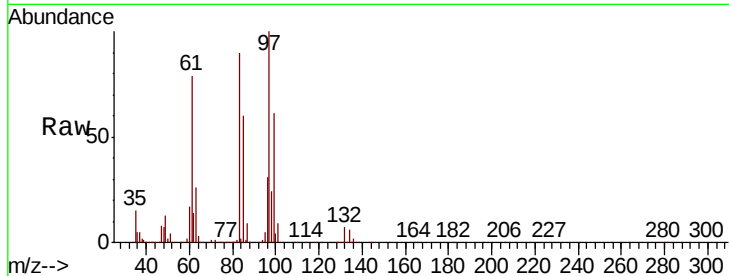


#47
 1,1,2-Trichloroethane
 Concen: 8.400 ppbv
 RT: 9.48 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

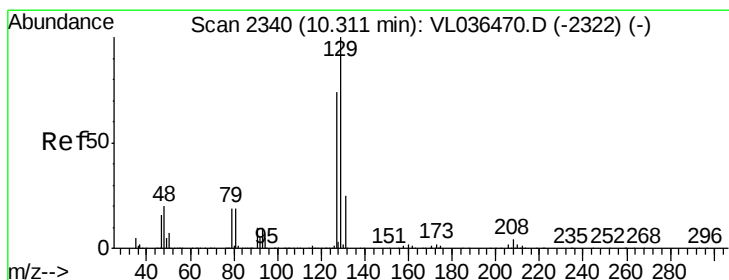
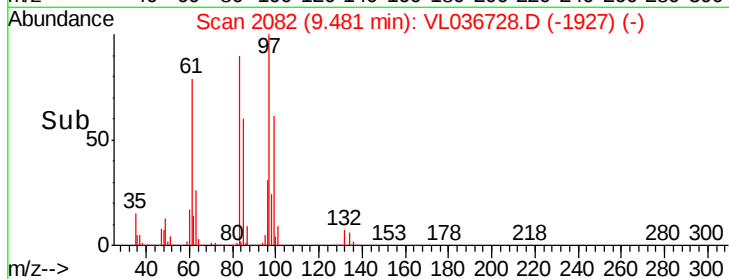
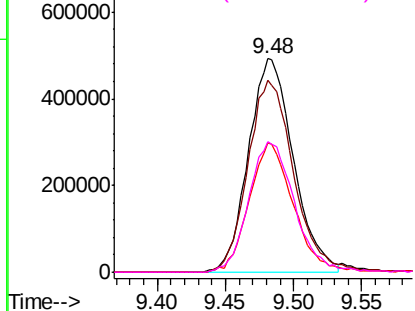
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0407ABS01

Tot Ion: 97 Resp: 1123417

Ion	Ratio	Lower	Upper
97	100		
83	89.7	75.8	113.8
85	60.3	47.1	70.7
99	61.2	49.2	73.8



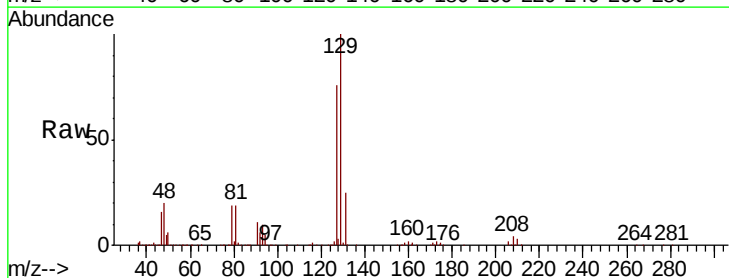
Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0



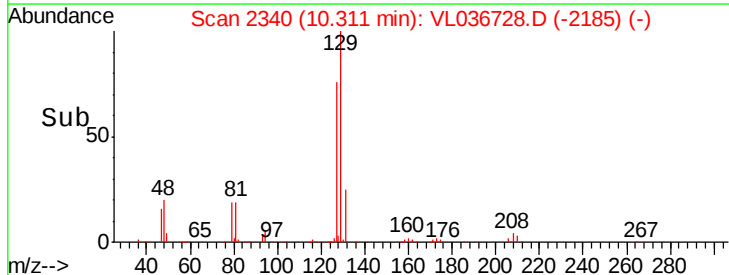
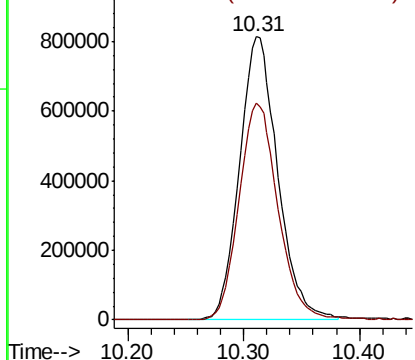
#48
 Dibromochloromethane
 Concen: 9.132 ppbv
 RT: 10.31 min Scan# 2340
 Delta R.T. -0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

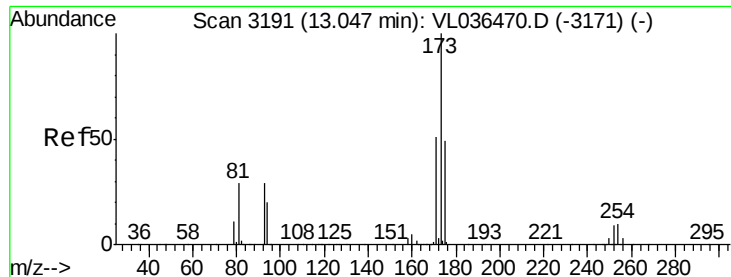
Tgt Ion: 129 Resp: 1861608

Ion	Ratio	Lower	Upper
129	100		
127	78.9	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: 9.368 ppbv

RT: 13.05 min Scan# 3192

Delta R.T. 0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Instrument :

MSVOA_L

ClientSampleId :

VL0407ABS01

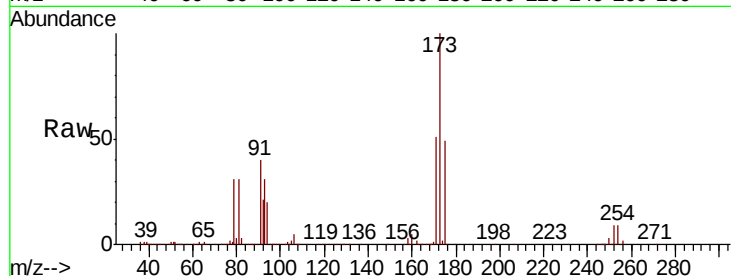
Tot Ion:173 Resp: 1538741

Ion Ratio Lower Upper

173 100

175 50.2 39.6 59.4

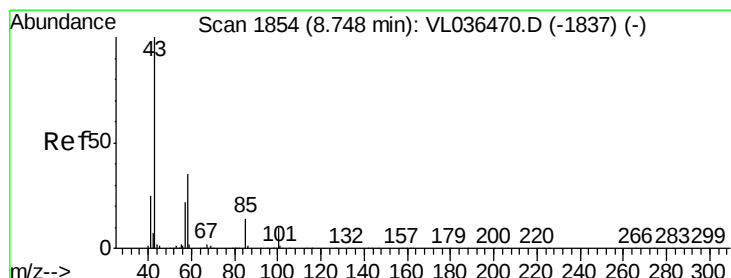
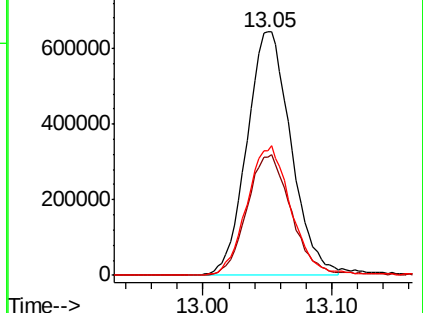
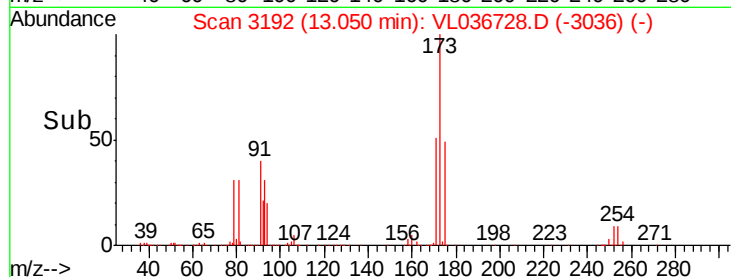
171 53.2 41.4 62.0



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: 8.007 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VL036728.D

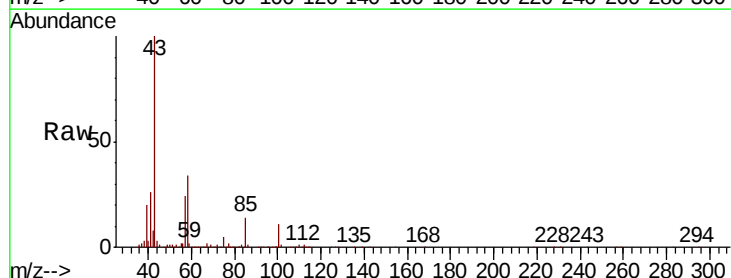
Acq: 7 Apr 2021 15:27

Tgt Ion: 43 Resp: 1996018

Ion Ratio Lower Upper

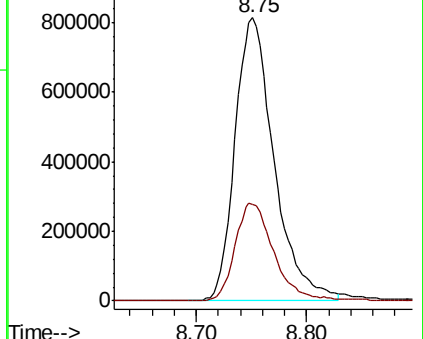
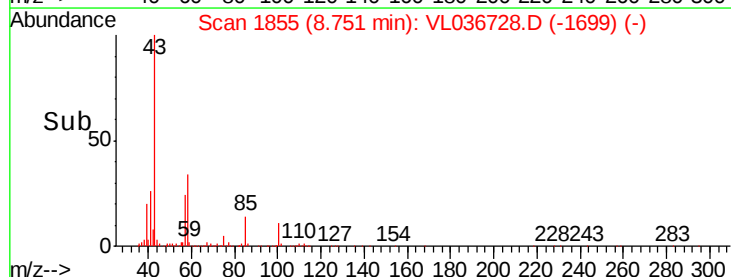
43 100

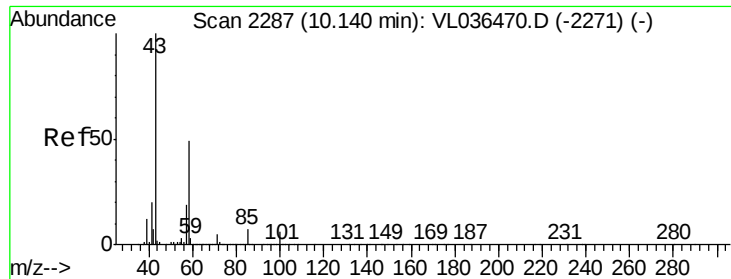
58 34.8 28.2 42.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

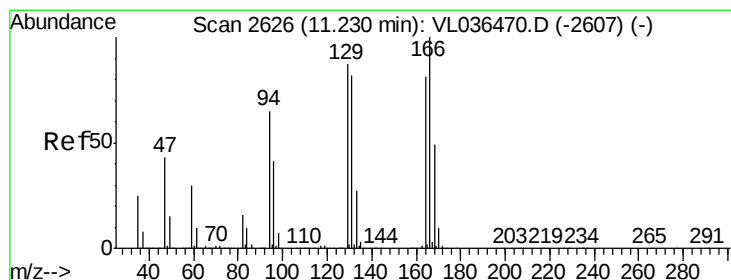
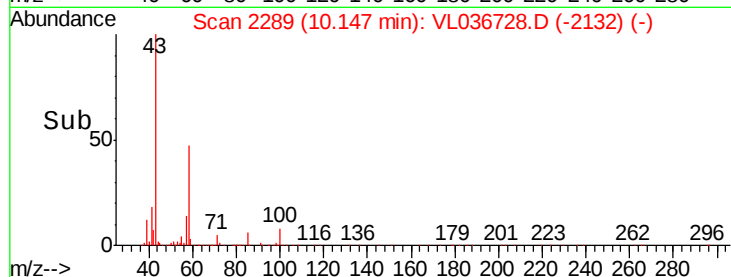
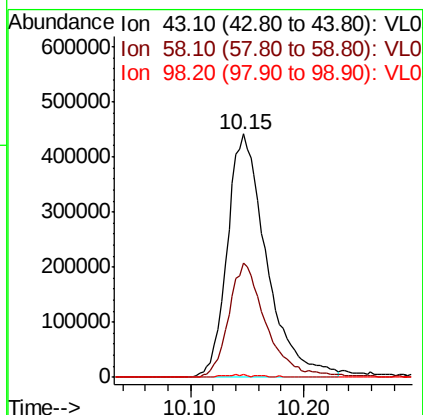
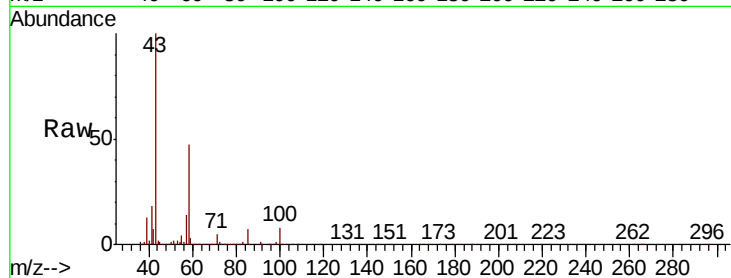




#51
2-Hexanone
Concen: 8.406 ppbv
RT: 10.15 min Scan# 2289
Delta R.T. 0.01 min
Lab File: VL036728.D
Acq: 7 Apr 2021 15:27

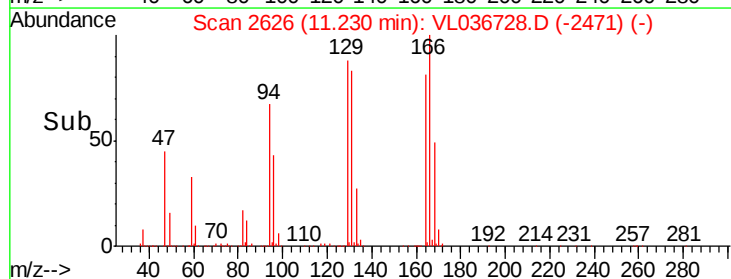
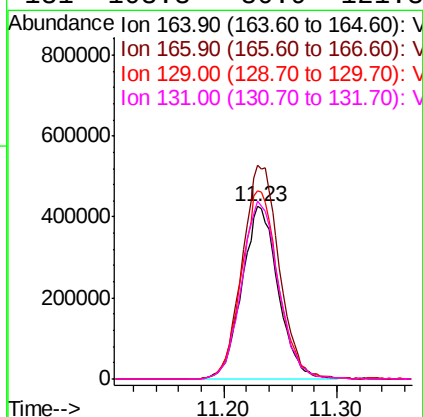
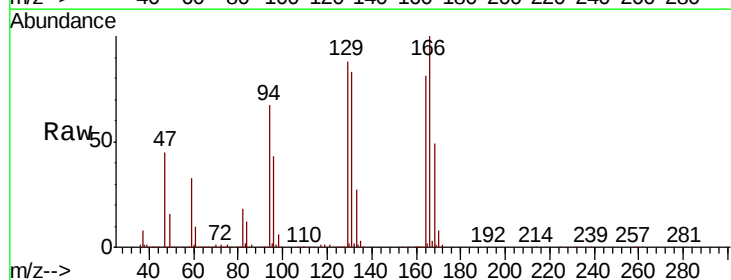
Instrument :
MSVOA_L
ClientSampleId :
VL0407ABS01

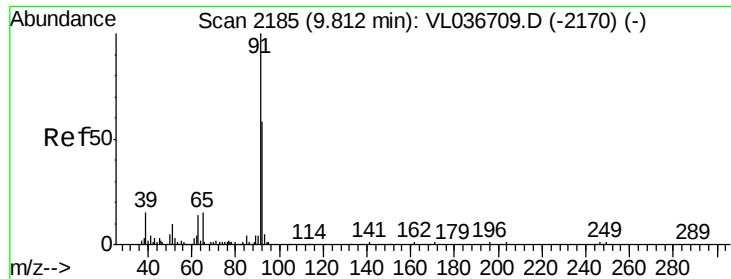
Tot Ion: 43 Resp: 1057460
Ion Ratio Lower Upper
43 100
58 46.2 37.7 56.5
98 1.4 0.2 0.2#



#52
Tetrachloroethene
Concen: 7.876 ppbv
RT: 11.23 min Scan# 2626
Delta R.T. -0.00 min
Lab File: VL036728.D
Acq: 7 Apr 2021 15:27

Tgt Ion: 164 Resp: 943989
Ion Ratio Lower Upper
164 100
166 123.9 98.3 147.5
129 109.1 85.8 128.8
131 103.3 80.9 121.3





#53

Toluene

Concen: 8.876 ppbv

RT: 9.81 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Instrument :

MSVOA_L

ClientSampleId :

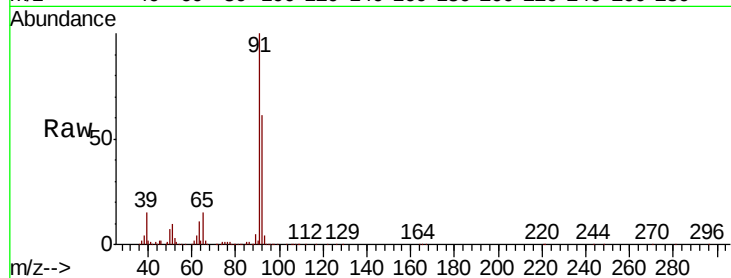
VL0407ABS01

Tot Ion: 91 Resp: 3076514

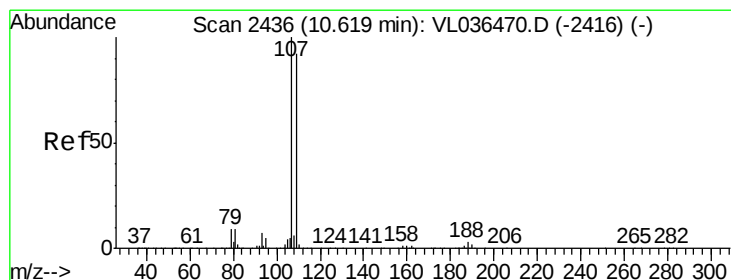
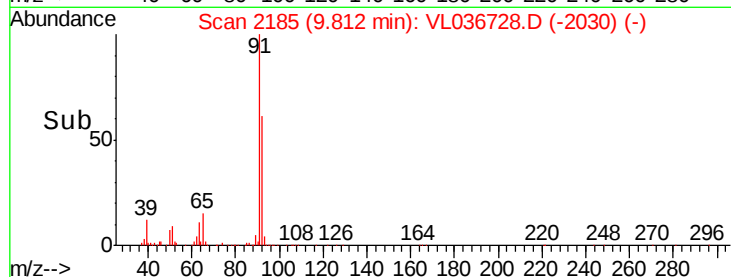
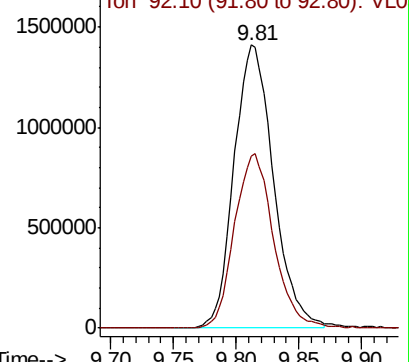
Ion Ratio Lower Upper

91 100

92 61.4 48.8 73.2



Abundance Ion 91.10 (90.80 to 91.80): VL0



#54

1,2-Dibromoethane

Concen: 8.683 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VL036728.D

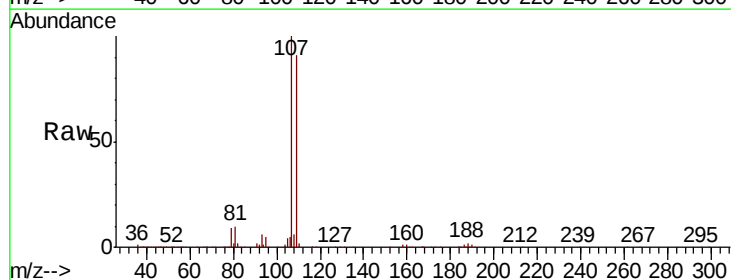
Acq: 7 Apr 2021 15:27

Tgt Ion: 107 Resp: 1639984

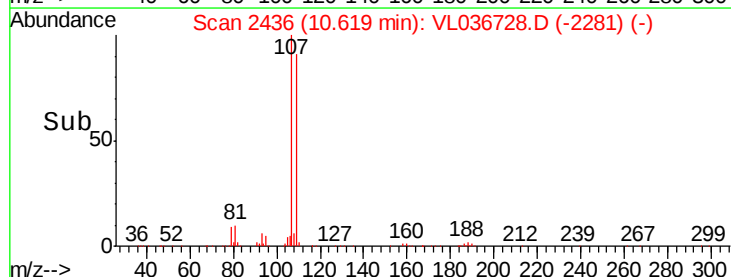
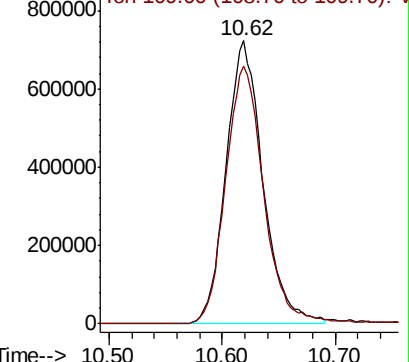
Ion Ratio Lower Upper

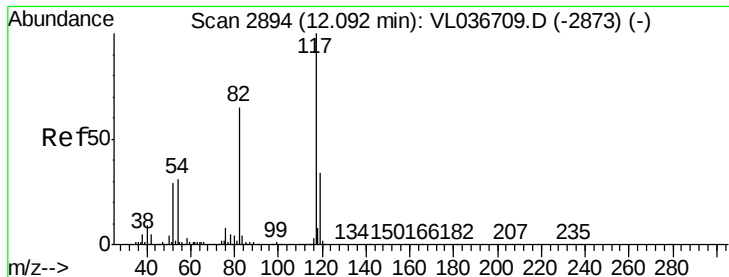
107 100

109 91.2 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

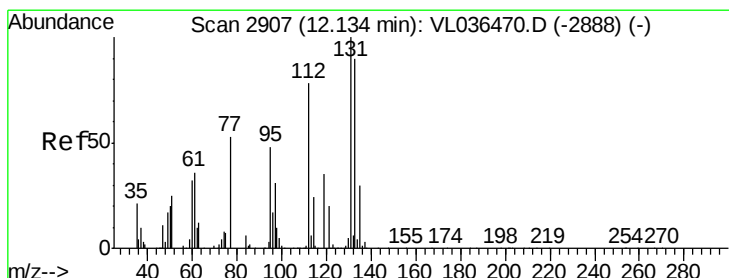
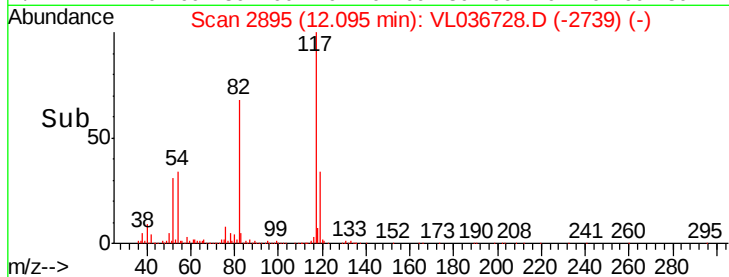
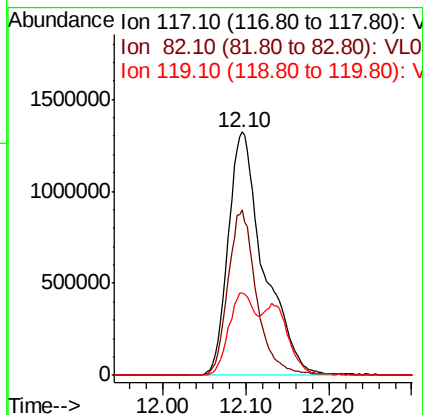
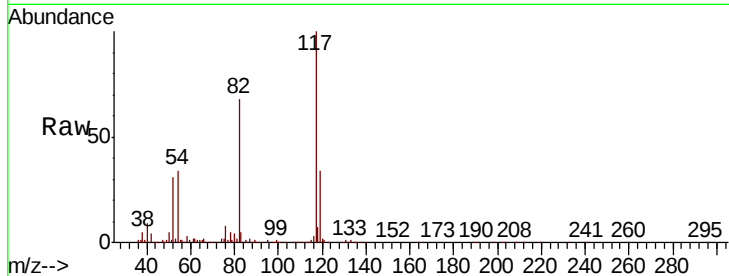




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VL036728.D
Acq: 7 Apr 2021 15:27

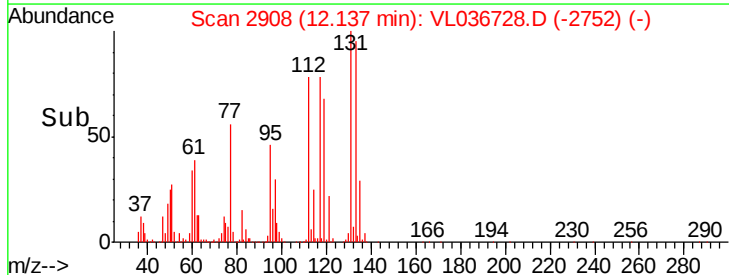
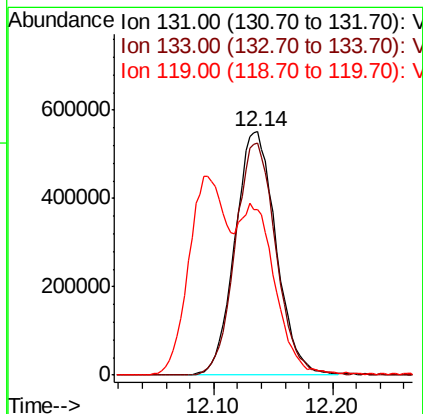
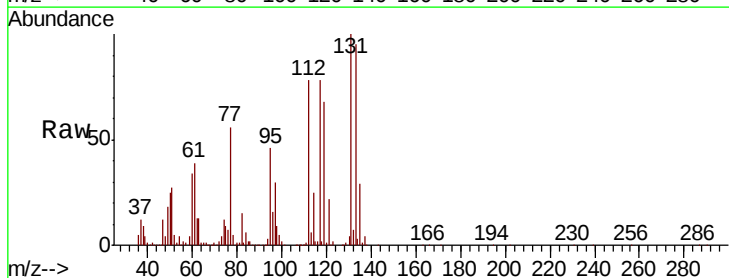
Instrument :
MSVOA_L
ClientSampleId :
VL0407ABS01

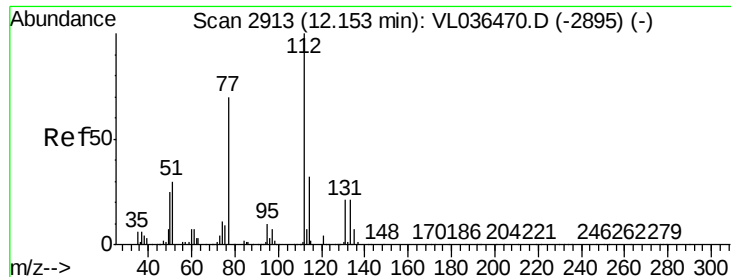
Tot Ion:117 Resp: 3947937
Ion Ratio Lower Upper
117 100
82 55.0 57.4 86.0#
119 26.4 47.4 71.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.344 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. 0.00 min
Lab File: VL036728.D
Acq: 7 Apr 2021 15:27

Tgt Ion:131 Resp: 1311452
Ion Ratio Lower Upper
131 100
133 95.2 75.8 113.6
119 61.9 48.7 73.1





#57

Chlorobenzene

Concen: 6.961 ppbv

RT: 12.16 min Scan# 2914

Delta R.T. 0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Instrument :

MSVOA_L

ClientSampleId :

VL0407ABS01

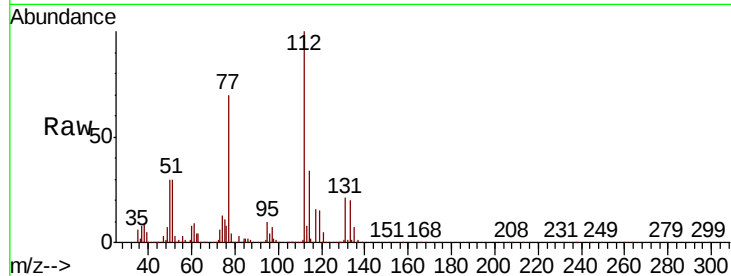
Tot Ion:112 Resp: 2338386

Ion Ratio Lower Upper

112 100

77 69.0 56.0 84.0

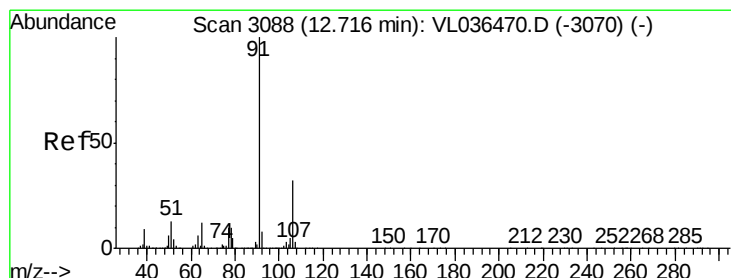
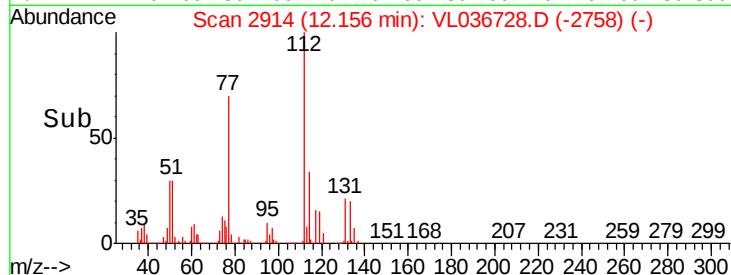
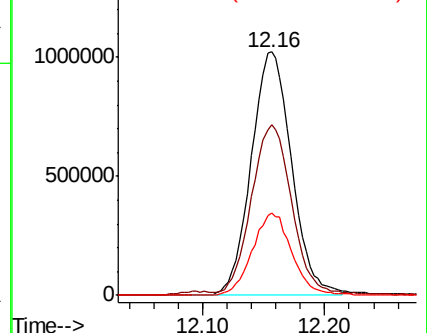
114 33.8 29.0 35.4



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: 7.360 ppbv

RT: 12.72 min Scan# 3090

Delta R.T. 0.01 min

Lab File: VL036728.D

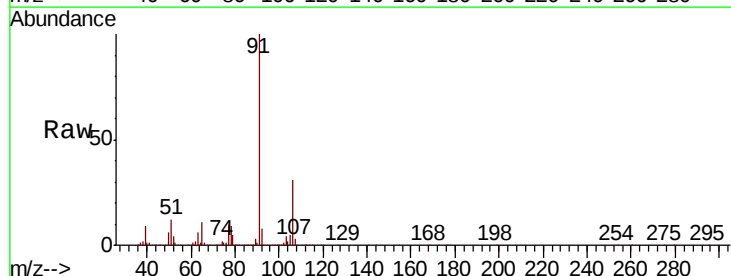
Acq: 7 Apr 2021 15:27

Tgt Ion: 91 Resp: 4227205

Ion Ratio Lower Upper

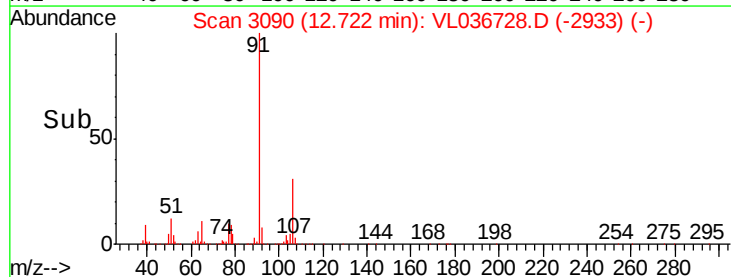
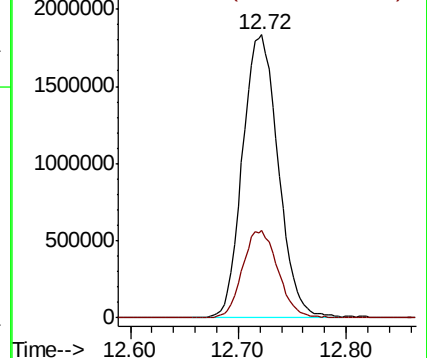
91 100

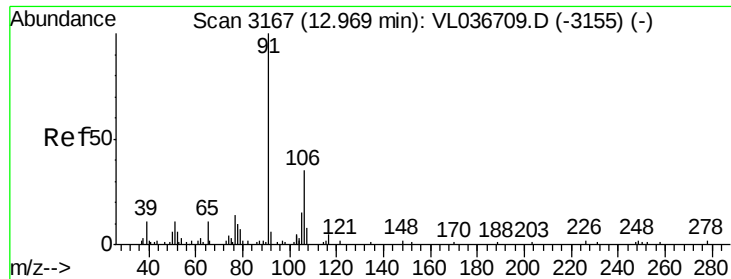
106 30.8 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

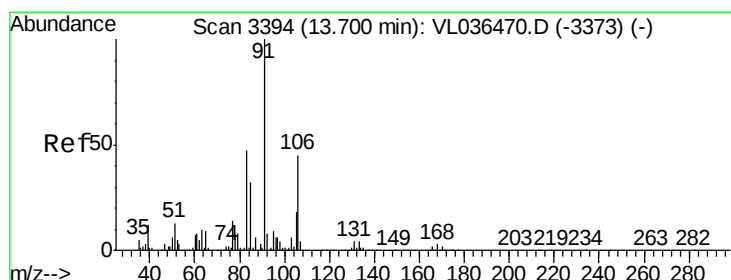
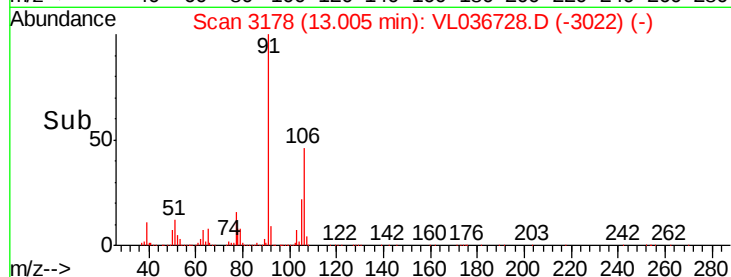
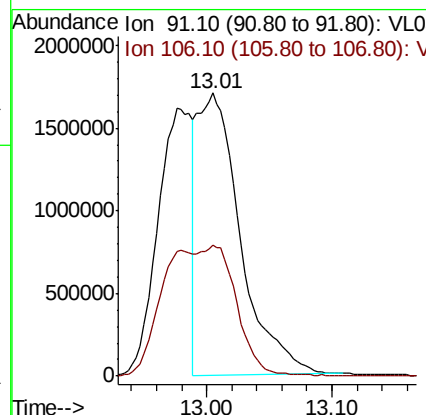
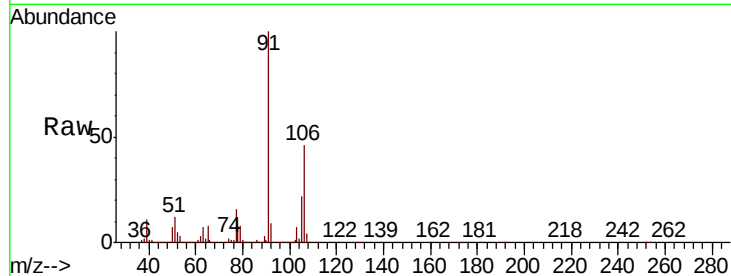




#59
m/p-Xylene
Concen: 8.072 ppbv
RT: 13.01 min Scan# 3178
Delta R.T. 0.00 min
Lab File: VL036728.D
Acq: 7 Apr 2021 15:27

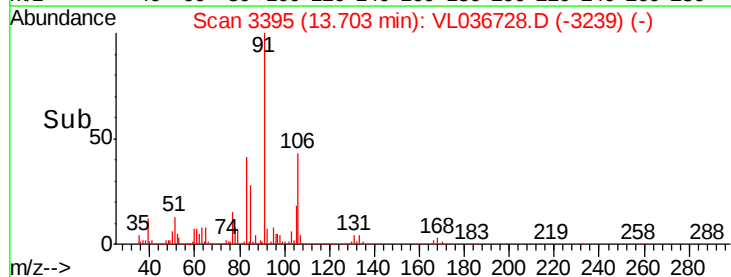
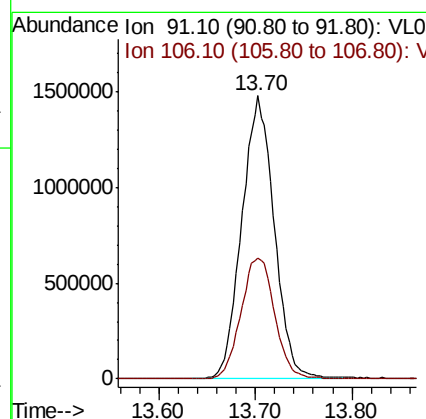
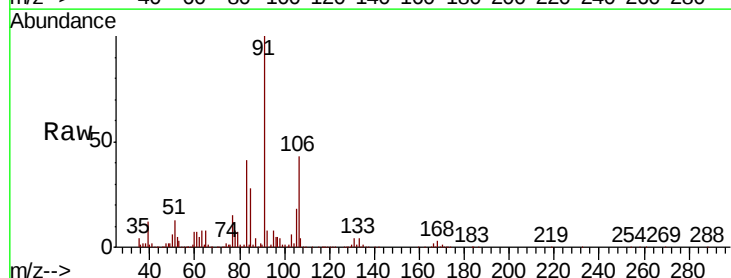
Instrument :
MSVOA_L
ClientSampleId :
VL0407ABS01

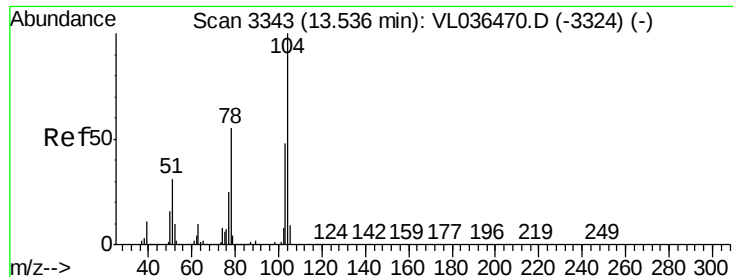
Tot Ion: 91 Resp: 4043997
Ion Ratio Lower Upper
91 100
106 78.4 35.3 52.9#



#60
o-Xylene
Concen: 7.111 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. 0.00 min
Lab File: VL036728.D
Acq: 7 Apr 2021 15:27

Tgt Ion: 91 Resp: 3444556
Ion Ratio Lower Upper
91 100
106 44.6 22.3 66.9





#61

Stvrene

Concen: 7.622 ppbv

RT: 13.54 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Instrument :

MSVOA_L

ClientSampleId :

VL0407ABS01

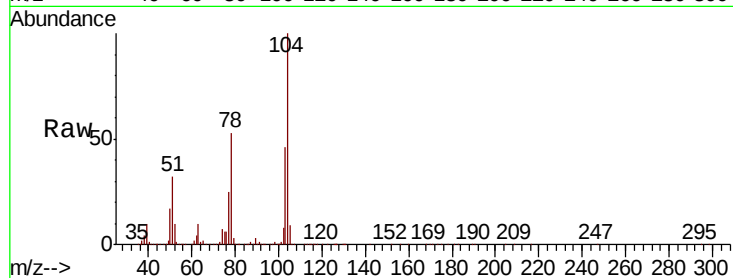
Tot Ion:104 Resp: 1857439

Ion Ratio Lower Upper

104 100

78 53.5 43.8 65.8

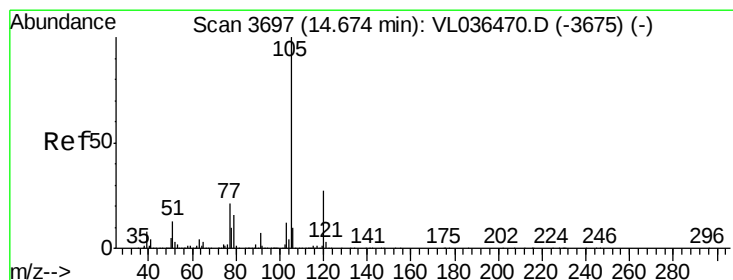
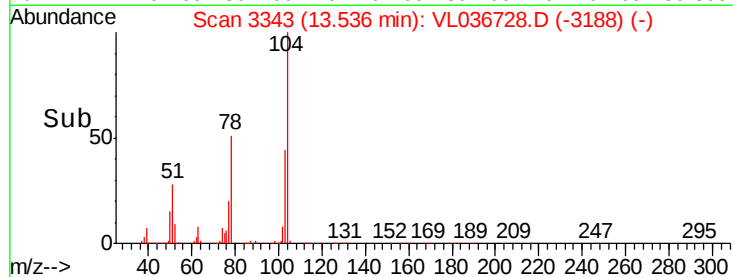
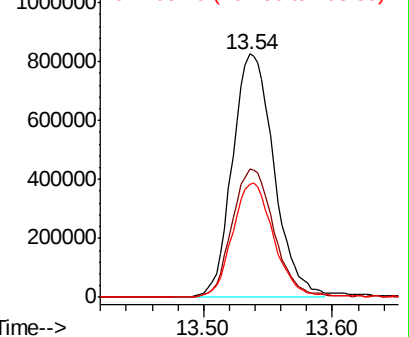
103 47.1 38.3 57.5



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: 7.270 ppbv

RT: 14.68 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VL036728.D

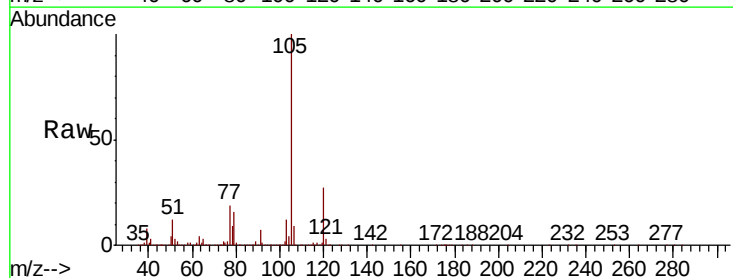
Acq: 7 Apr 2021 15:27

Tgt Ion:105 Resp: 4742184

Ion Ratio Lower Upper

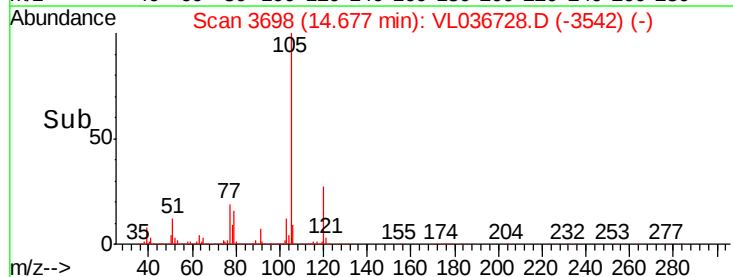
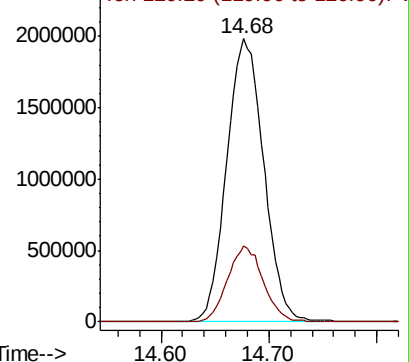
105 100

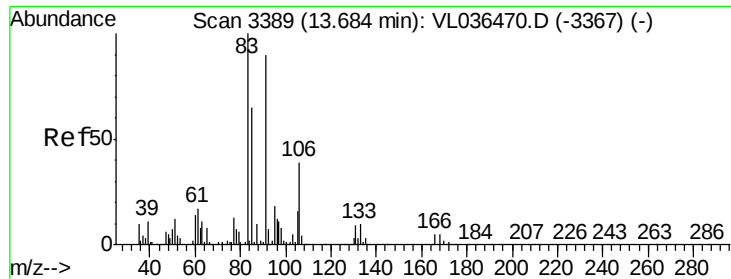
120 25.9 20.6 31.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

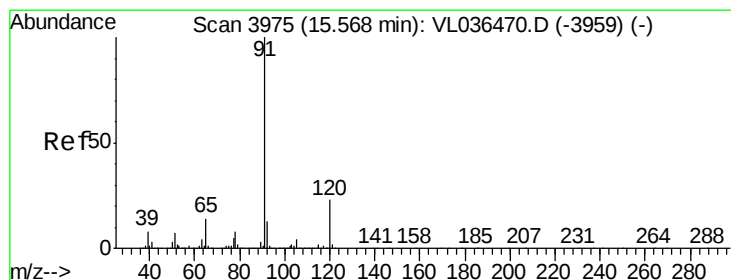
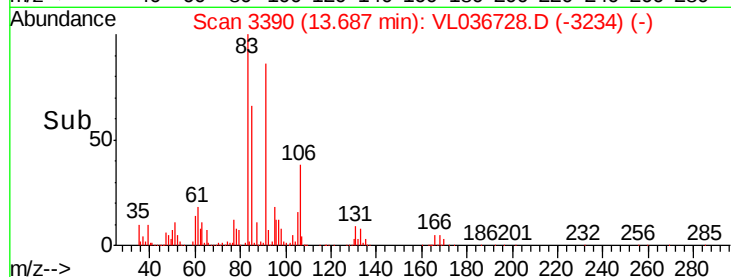
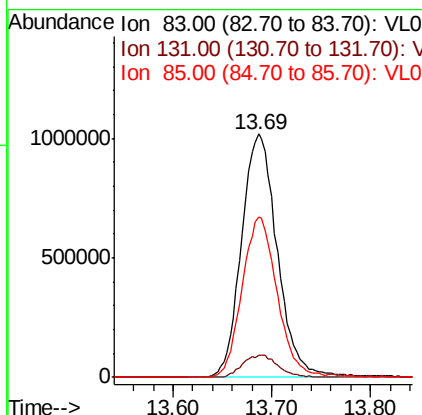
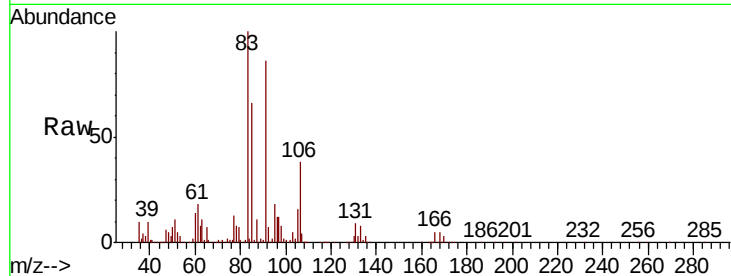




#63
 1,1,2,2-Tetrachloroethane
 Concen: 6.873 ppbv
 RT: 13.69 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

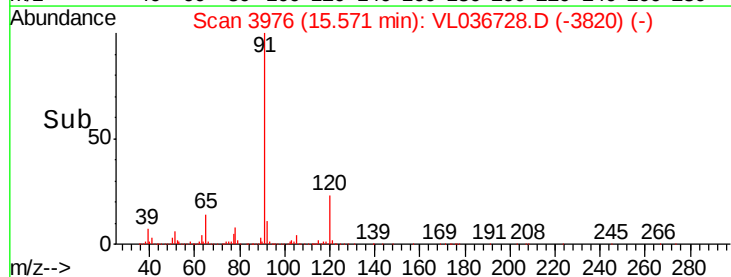
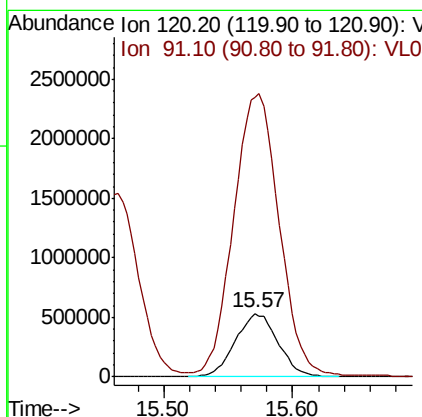
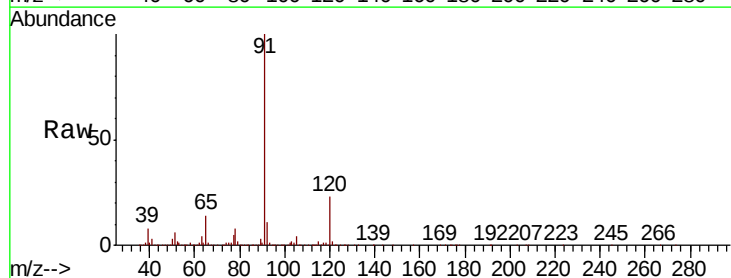
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0407ABS01

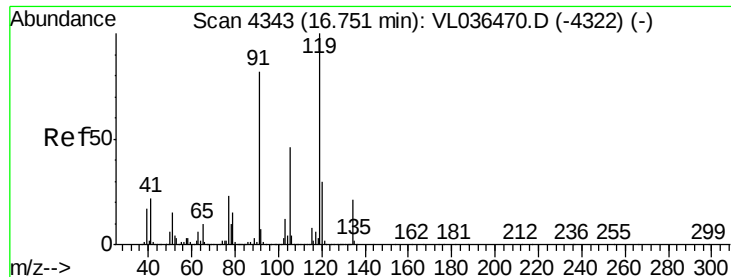
Tot Ion: 83 Resp: 2539703
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.7 14.0
 85 65.6 33.1 99.3



#64
 n-propylbenzene
 Concen: 7.667 ppbv
 RT: 15.57 min Scan# 3976
 Delta R.T. 0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

Tgt Ion: 120 Resp: 1222733
 Ion Ratio Lower Upper
 120 100
 91 482.8 377.4 566.2





#65

tert-Butylbenzene

Concen: 7.345 ppbv

RT: 16.76 min Scan# 4345

Delta R.T. 0.01 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Instrument :

MSVOA_L

ClientSampleId :

VL0407ABS01

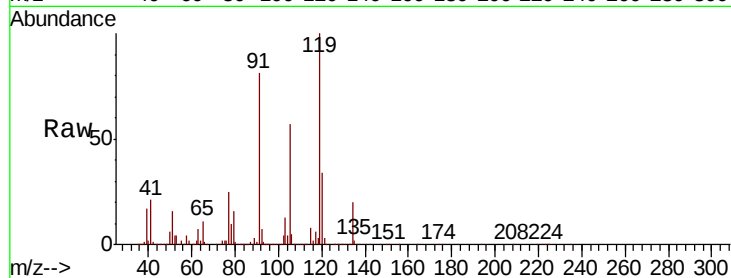
Tot Ion:119 Resp: 4154756

Ion	Ratio	Lower	Upper
119	100		
91	83.6	67.5	101.3
134	19.8	15.8	23.8

119 100

91 83.6 67.5 101.3

134 19.8 15.8 23.8

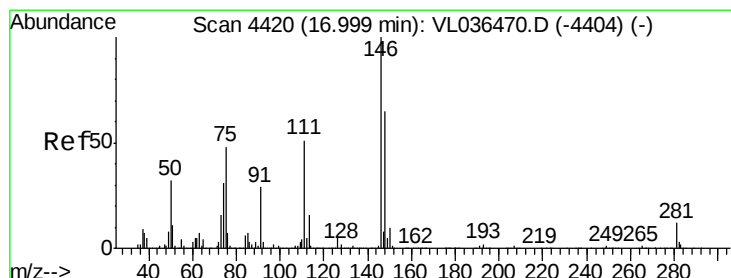
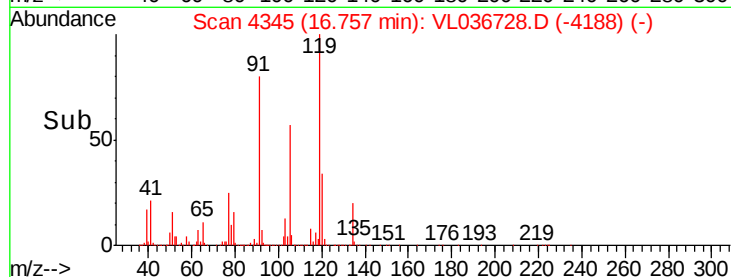
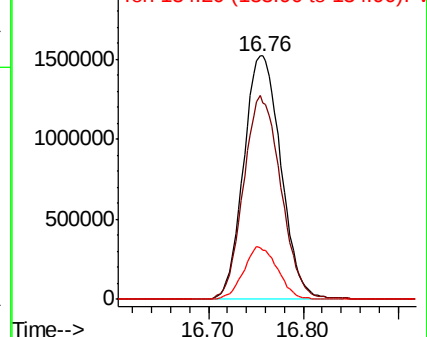


Abundance

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: 5.009 ppbv

RT: 17.00 min Scan# 4421

Delta R.T. 0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

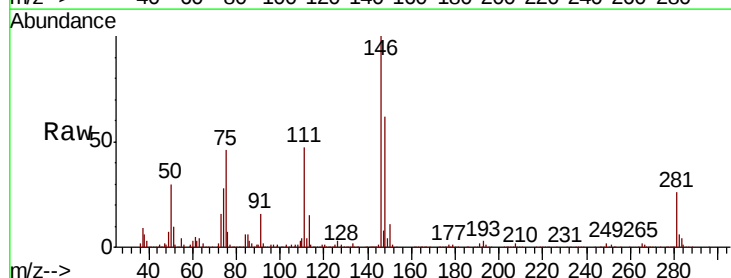
Tgt Ion: 91 Resp: 313173

Ion	Ratio	Lower	Upper
91	100		
126	18.4	13.5	20.3
128	5.6	4.2	6.4

91 100

126 18.4 13.5 20.3

128 5.6 4.2 6.4

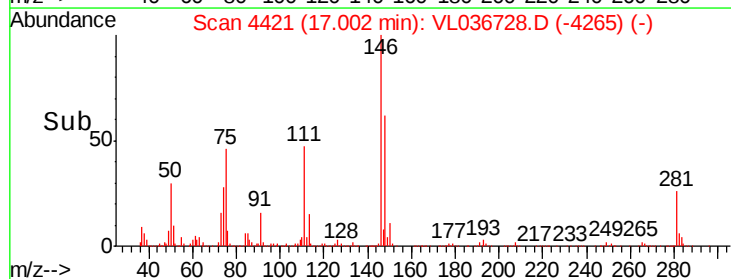
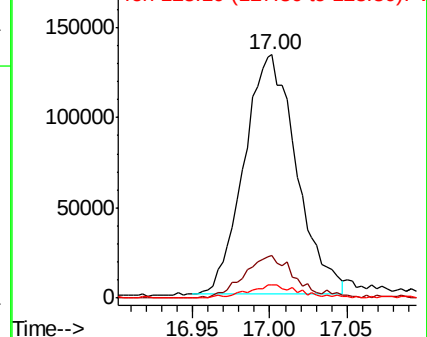


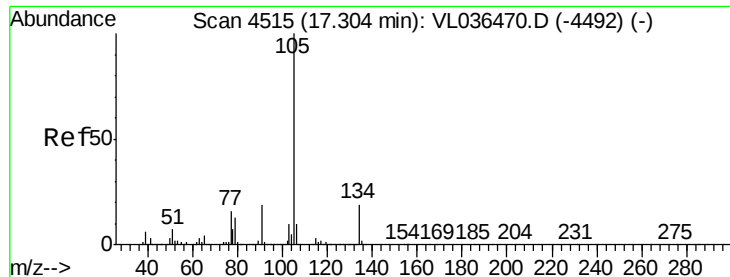
Abundance

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

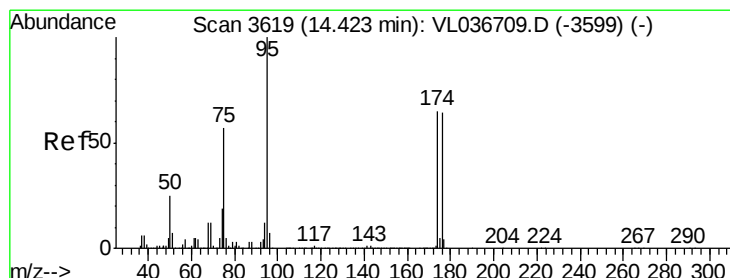
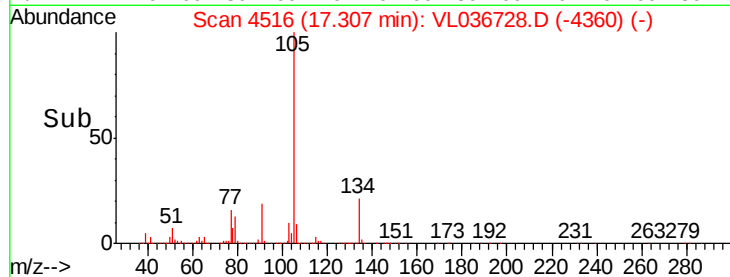
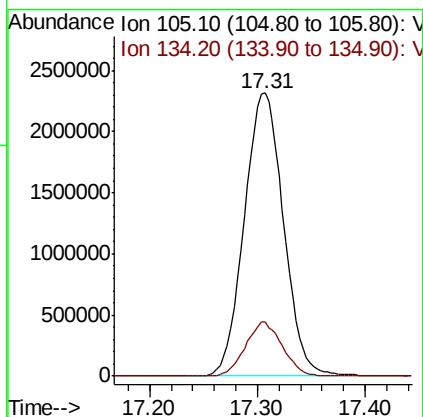
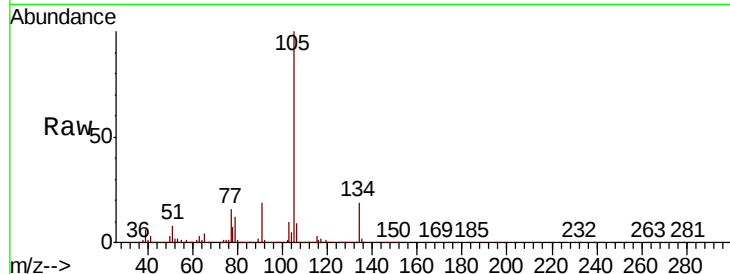




#67
 sec-Butylbenzene
 Concen: 7.305 ppbv
 RT: 17.31 min Scan# 4516
 Delta R.T. 0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

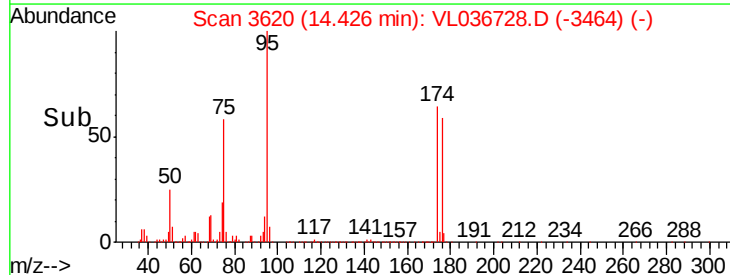
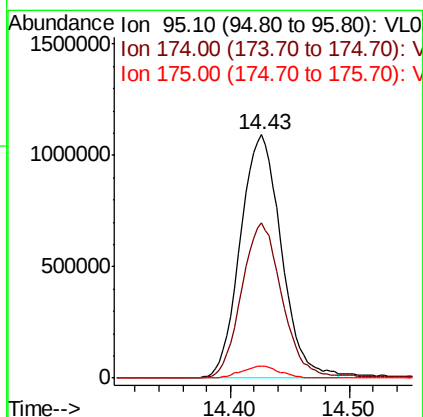
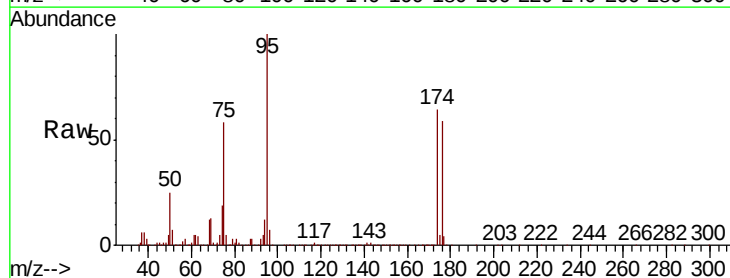
Instrument :
 MSVOA_L
 ClientSampleID :
 VL0407ABS01

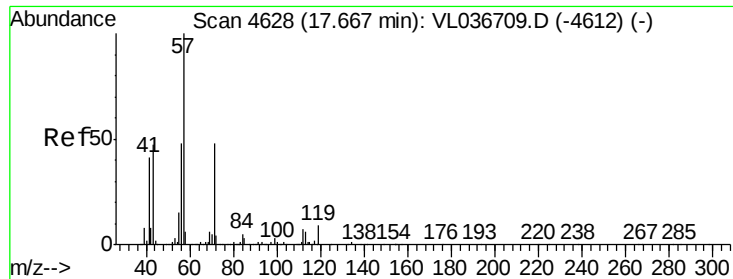
Tot Ion:105 Resp: 5832743
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.7 22.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.280 ppbv
 RT: 14.43 min Scan# 3620
 Delta R.T. 0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

Tgt Ion: 95 Resp: 2605379
 Ion Ratio Lower Upper
 95 100
 174 64.2 51.0 76.6
 175 4.8 3.9 5.9

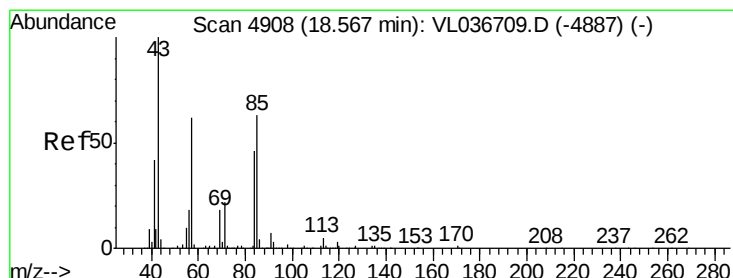
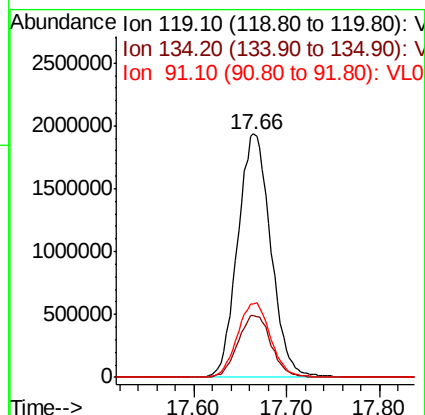
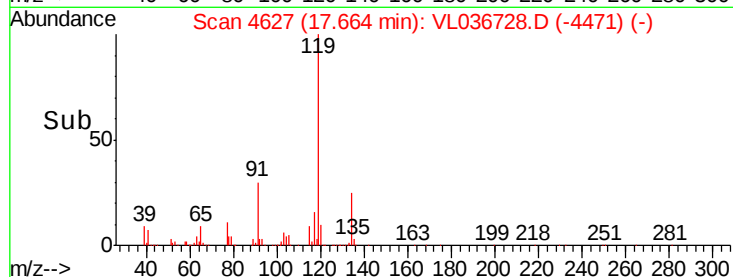
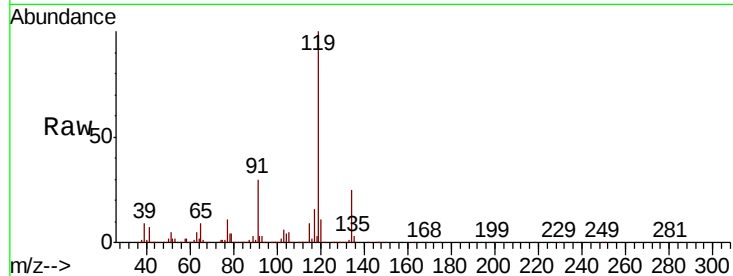




#69
 p-Isopropyltoluene
 Concen: 7.710 ppbv
 RT: 17.66 min Scan# 4627
 Delta R.T. 0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

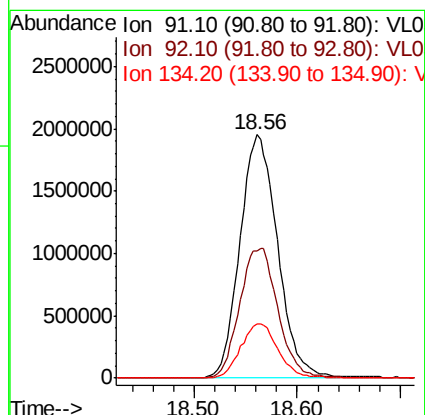
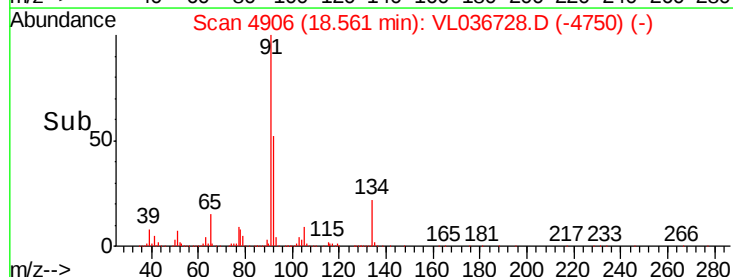
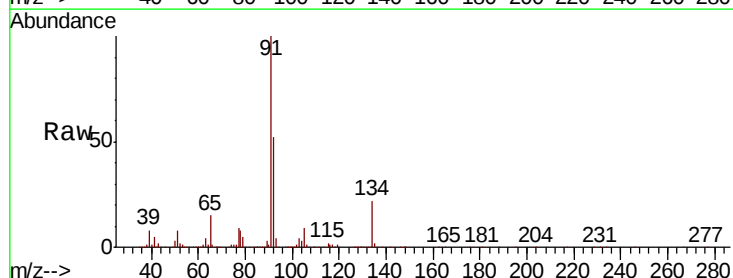
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0407ABS01

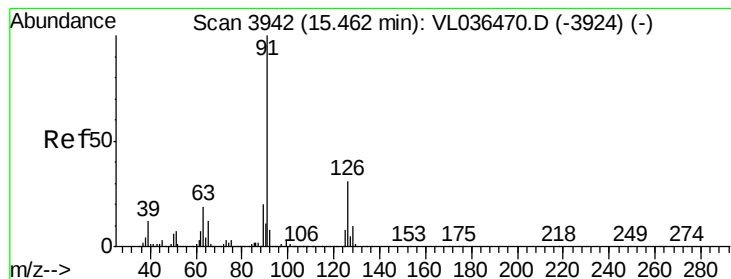
Tot Ion:119 Resp: 4807536
 Ion Ratio Lower Upper
 119 100
 134 25.4 20.6 30.8
 91 30.6 25.0 37.6



#70
 n-Butylbenzene
 Concen: 7.663 ppbv
 RT: 18.56 min Scan# 4906
 Delta R.T. 0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

Tgt Ion: 91 Resp: 4954248
 Ion Ratio Lower Upper
 91 100
 92 54.3 43.8 65.8
 134 22.3 18.0 27.0





#71

2-Chlorotoluene

Concen: 7.460 ppbv

RT: 15.46 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Instrument :

MSVOA_L

ClientSampleId :

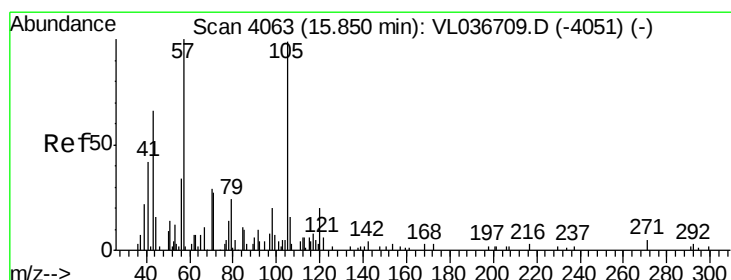
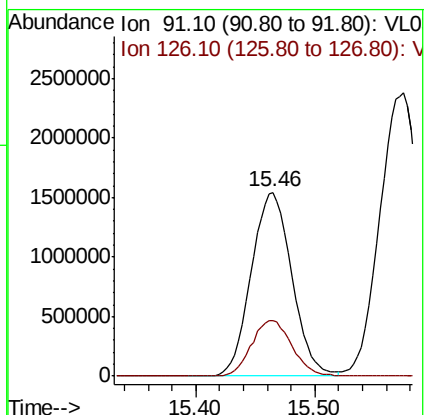
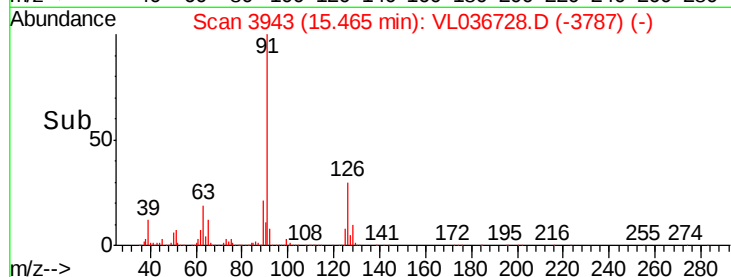
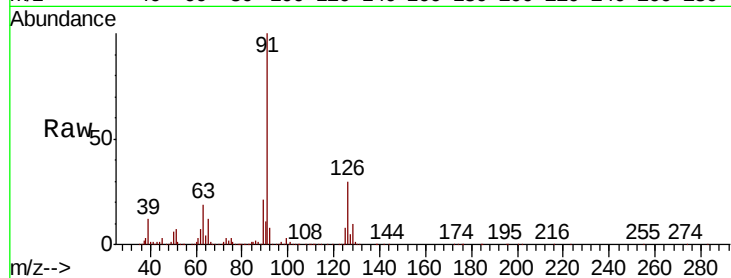
VL0407ABS01

Tot Ion: 91 Resp: 3646681

Ion Ratio Lower Upper

91 100

126 30.4 12.1 48.5



#72

4-Ethyltoluene

Concen: 7.682 ppbv

RT: 15.85 min Scan# 4064

Delta R.T. 0.01 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Tgt Ion: 105 Resp: 4077265

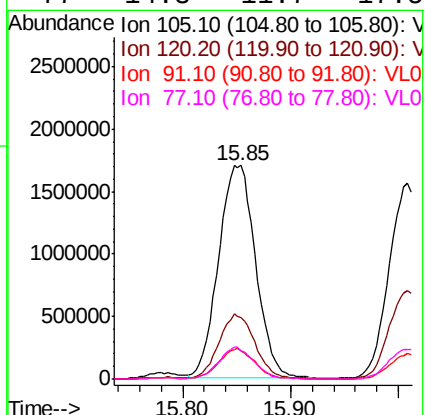
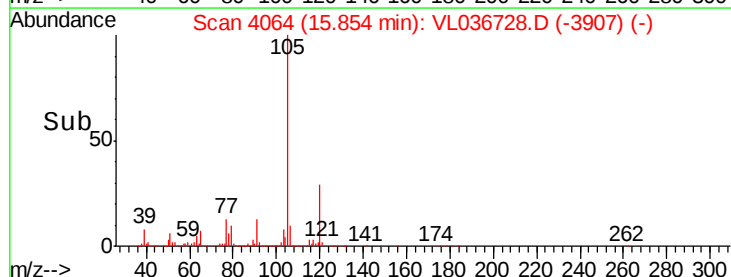
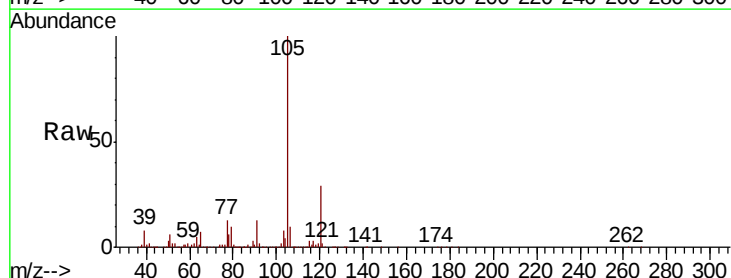
Ion Ratio Lower Upper

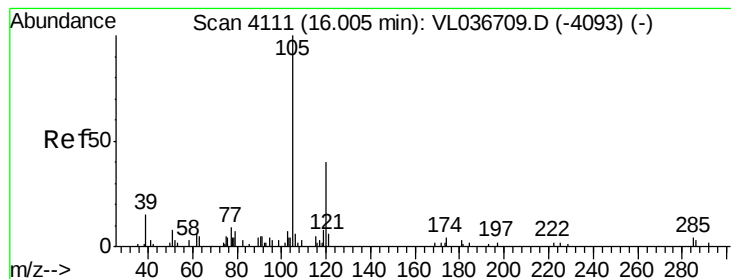
105 100

120 29.6 24.0 36.0

91 13.5 11.0 16.4

77 14.3 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 7.387 ppbv

RT: 16.01 min Scan# 4112

Delta R.T. -0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Instrument :

MSVOA_L

ClientSampleId :

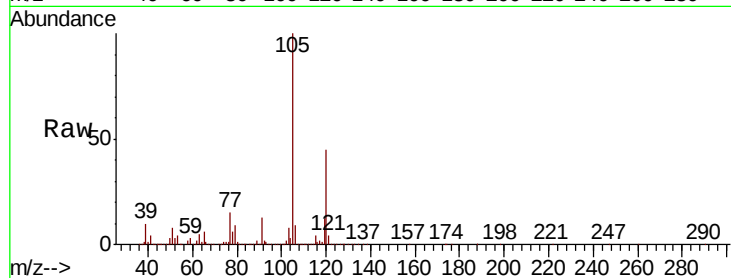
VL0407ABS01

Tot Ion:105 Resp: 3659745

Ion Ratio Lower Upper

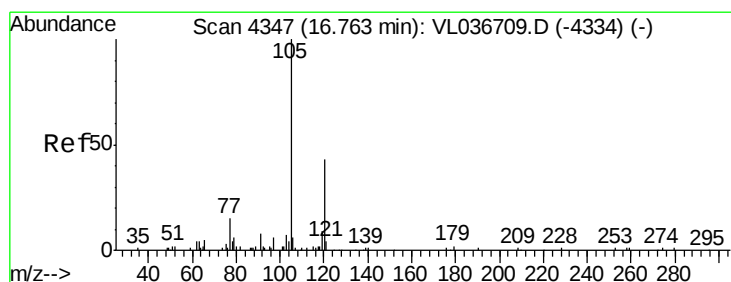
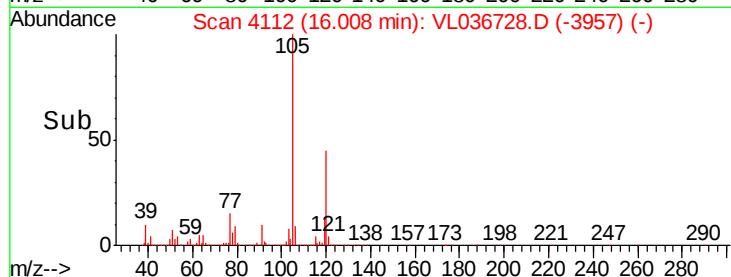
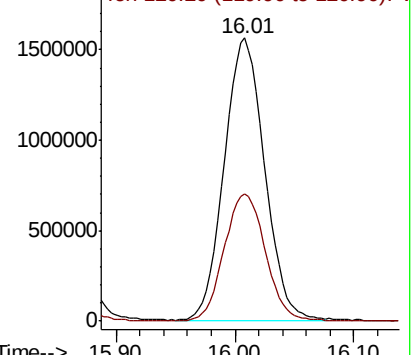
105 100

120 45.1 36.6 54.8



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: 7.098 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. 0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Tgt Ion:105 Resp: 3762907

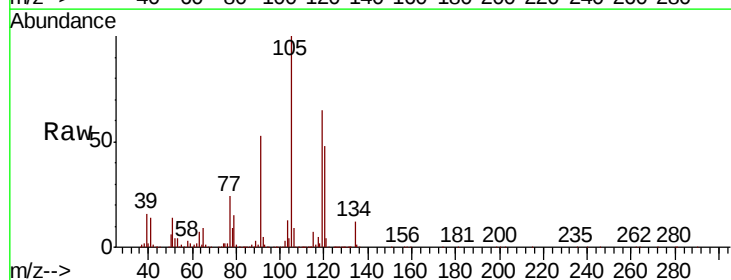
Ion Ratio Lower Upper

105 100

120 47.6 39.2 58.8

91 52.1 42.6 64.0

77 23.8 18.6 28.0

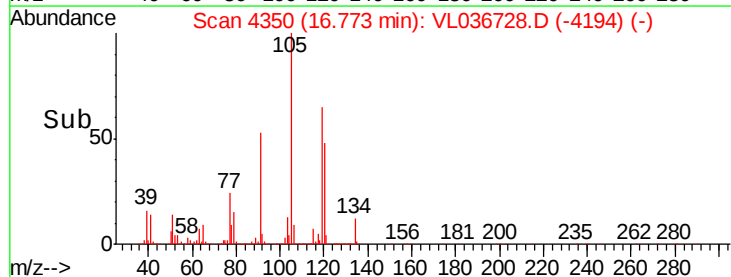
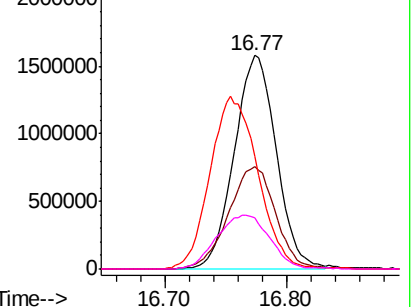


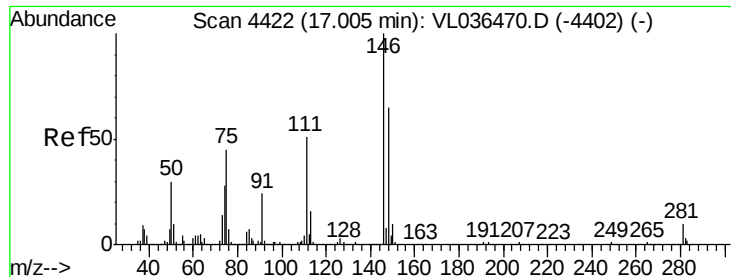
Abundance Ion 105.10 (104.80 to 105.80): V

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: 7.528 ppbv

RT: 17.01 min Scan# 4423

Delta R.T. 0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Instrument :

MSVOA_L

ClientSampleId :

VL0407ABS01

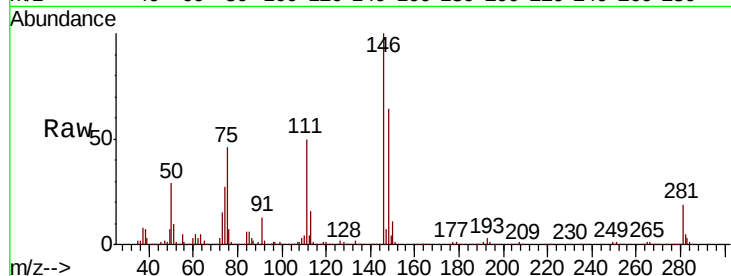
Tot Ion:146 Resp: 2246518

Ion Ratio Lower Upper

146 100

111 48.5 24.5 73.5

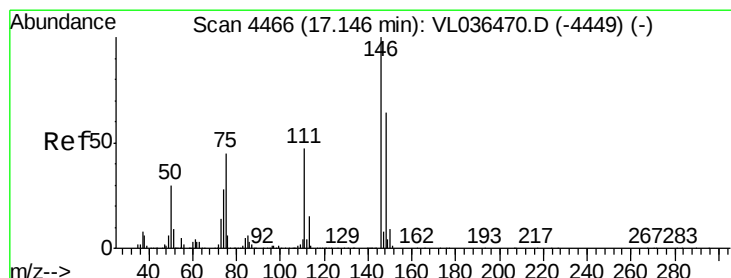
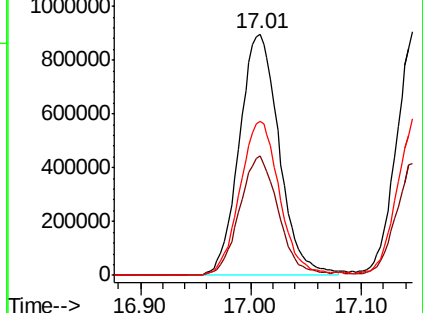
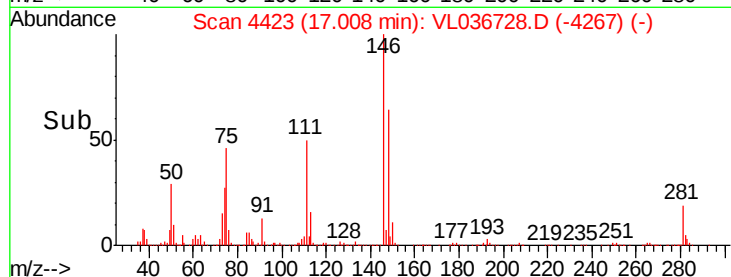
148 64.0 32.3 96.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 7.422 ppbv

RT: 17.15 min Scan# 4467

Delta R.T. 0.00 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

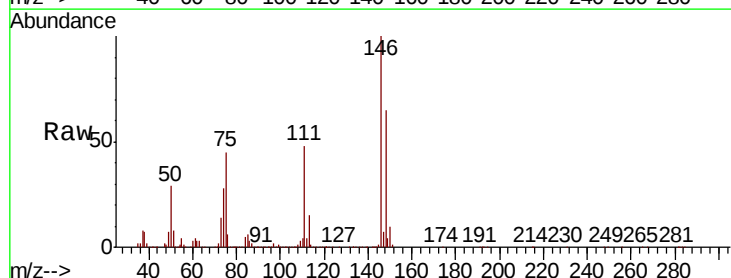
Tgt Ion:146 Resp: 2198982

Ion Ratio Lower Upper

146 100

111 47.1 24.3 72.8

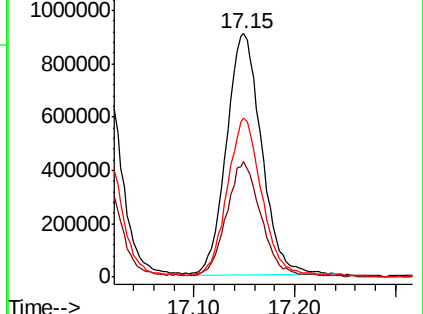
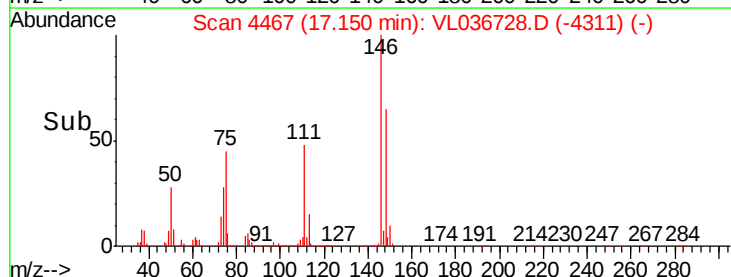
148 64.7 33.0 98.9

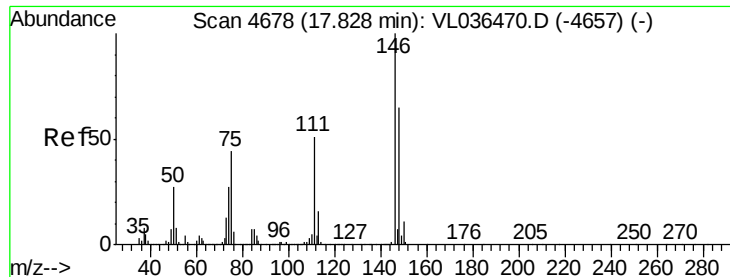


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

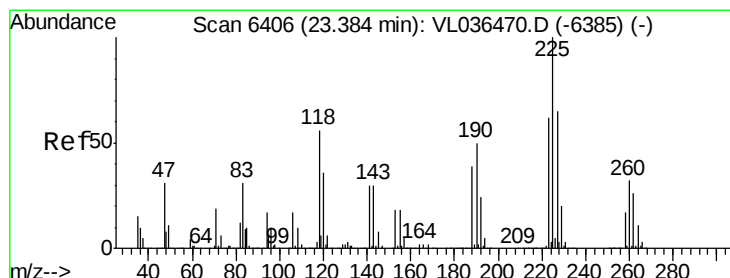
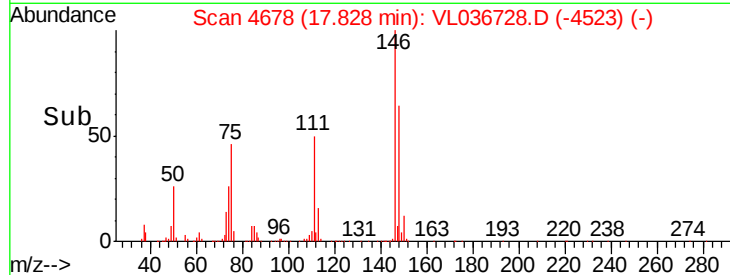
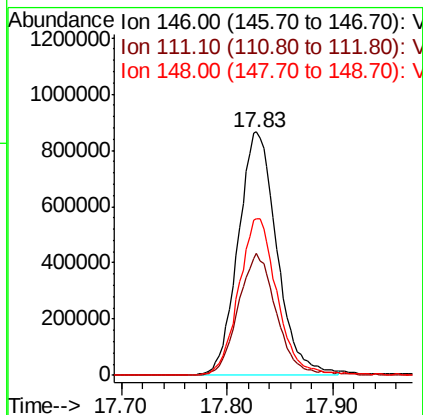
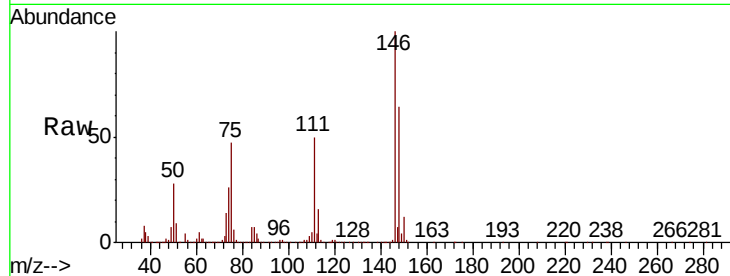




#77
 1,2-Dichlorobenzene
 Concen: 7.838 ppbv
 RT: 17.83 min Scan# 4678
 Delta R.T. -0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

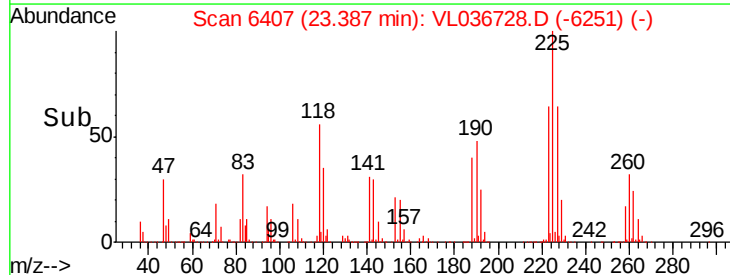
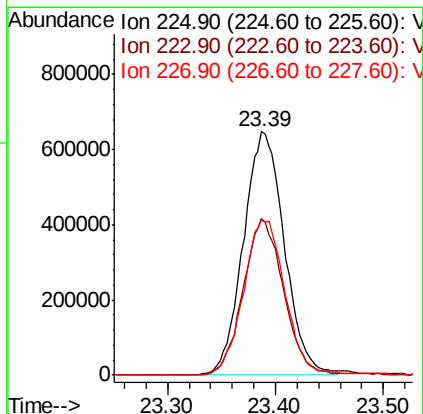
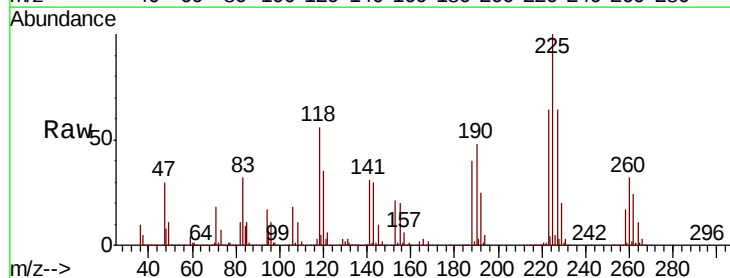
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0407ABS01

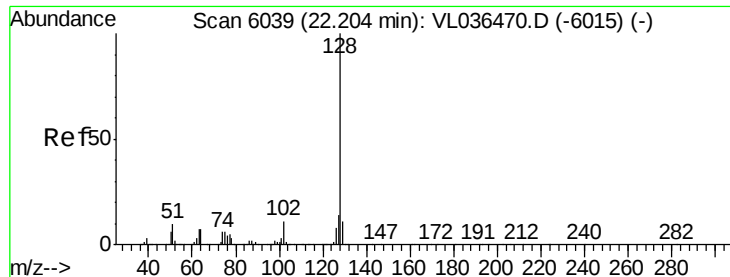
Tot Ion:146 Resp: 2198505
 Ion Ratio Lower Upper
 146 100
 111 49.4 25.5 76.5
 148 63.8 32.9 98.6



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.812 ppbv
 RT: 23.39 min Scan# 6407
 Delta R.T. 0.00 min
 Lab File: VL036728.D
 Acq: 7 Apr 2021 15:27

Tgt Ion:225 Resp: 1711343
 Ion Ratio Lower Upper
 225 100
 223 63.9 50.6 75.8
 227 65.4 52.2 78.2





#79

Naphthalene

Concen: 8.568 ppbv

RT: 22.21 min Scan# 6042

Delta R.T. 0.01 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Instrument :

MSVOA_L

ClientSampleId :

VL0407ABS01

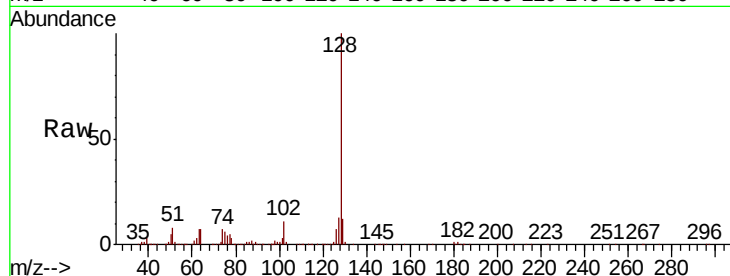
Tot Ion:128 Resp: 2650671

Ion Ratio Lower Upper

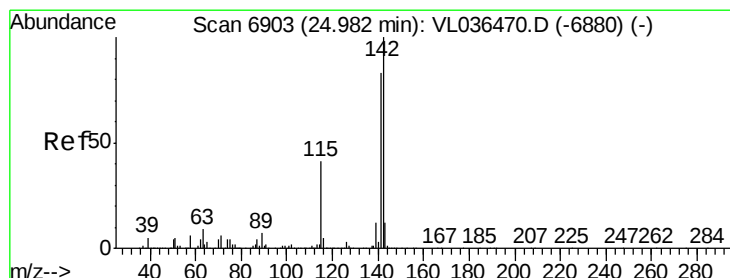
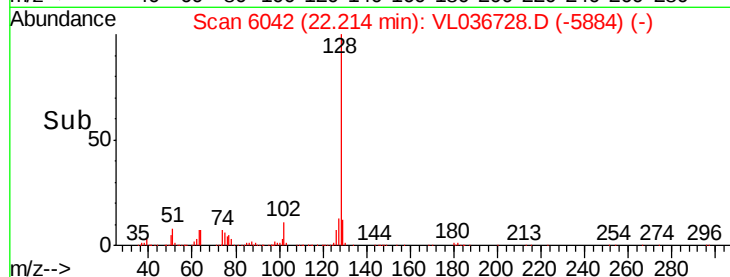
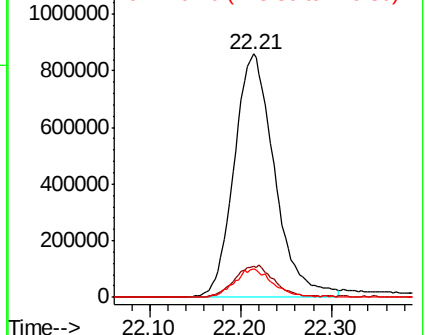
128 100

127 12.6 10.9 16.3

129 11.9 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: 5.676 ppbv

RT: 24.99 min Scan# 6906

Delta R.T. 0.01 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

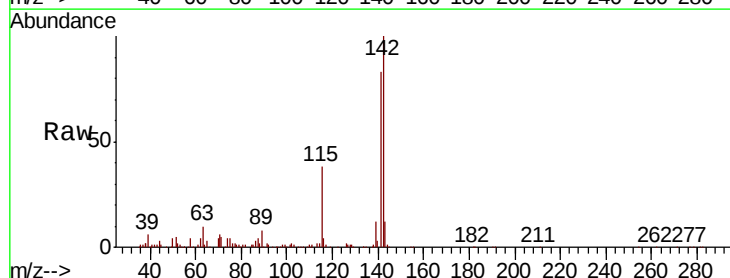
Tgt Ion:142 Resp: 346249

Ion Ratio Lower Upper

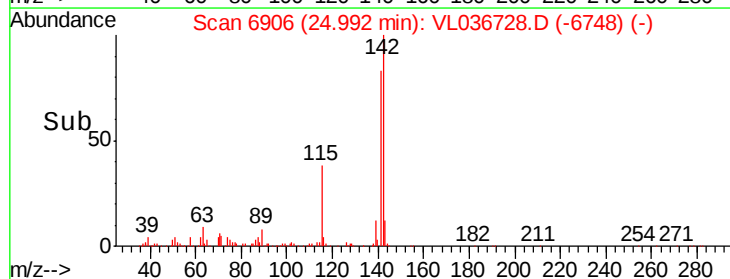
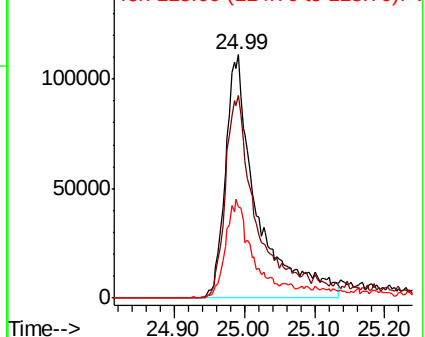
142 100

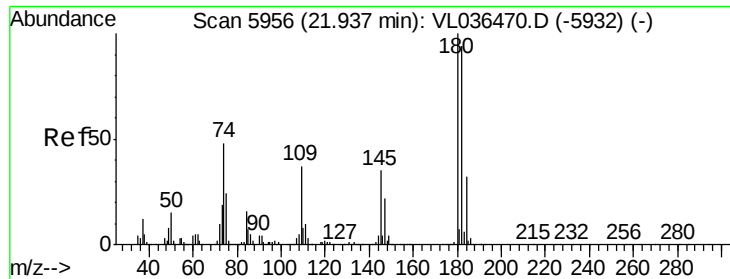
141 90.2 67.8 101.8

115 40.6 34.0 51.0



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: 8.367 ppbv

RT: 21.94 min Scan# 5958

Delta R.T. 0.01 min

Lab File: VL036728.D

Acq: 7 Apr 2021 15:27

Instrument :

MSVOA_L

ClientSampleId :

VL0407ABS01

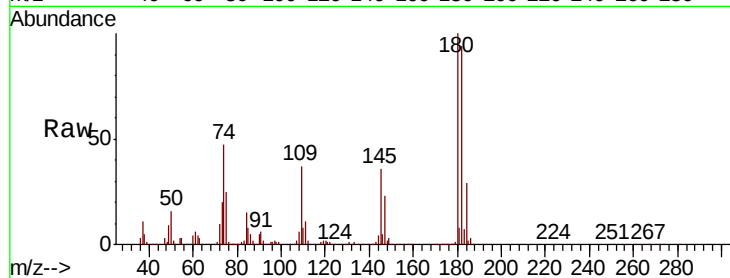
Tot Ion:180 Resp: 1598131

Ion Ratio Lower Upper

180 100

182 100.2 80.8 121.2

184 31.8 25.0 37.4



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

