

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030121\
 Data File : VL036422.D
 Acq On : 1 Mar 2021 19:46
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 02 02:43:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1696931	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.19	114	3880684	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.10	117	4475142	10.00	ppbv	0.05

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	3035991	8.25	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.50%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	2062291	8.143 ppbv	99
3) Chlorodifluoromethane	2.99	51	1841818	8.735 ppbv	99
4) Chloromethane	3.14	50	934677	9.176 ppbv	99
5) Vinyl Chloride	3.26	62	895397	9.440 ppbv	98
6) Bromomethane	3.48	94	506410	8.982 ppbv	96
7) Chloroethane	3.56	64	323716	9.612 ppbv	93
8) Dichlorotetrafluoroethane	3.19	85	2134262	9.266 ppbv	99
9) Propene	3.01	41	828022	10.533 ppbv	99
10) Heptane	8.14	43	2170068	9.367 ppbv	99
11) Trichlorofluoromethane	3.96	101	2226946	8.980 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1379855	8.982 ppbv	99
13) Ethanol	3.61	45	52384	3.548 ppbv #	30
14) Bromoethene	3.75	108	578253	8.994 ppbv	99
15) Acetone	3.86	43	1739113	8.384 ppbv	98
16) 1,3-Butadiene	3.33	39	888160	8.954 ppbv	98
17) tert-Butyl alcohol	4.30	59	1399004	8.689 ppbv	100
18) 1,1-Dichloroethene	4.30	96	605474	8.673 ppbv	97
19) Isopropyl Alcohol	3.98	45	874543	7.610 ppbv #	97
20) Methylene Chloride	4.35	84	521986	7.800 ppbv	91
21) Allyl Chloride	4.42	41	1005971	8.711 ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	559556	8.824 ppbv	97
23) Vinyl Acetate	5.09	43	2148039	8.807 ppbv	97
24) 1,1-Dichloroethane	5.02	63	1677135	9.298 ppbv	100
25) Ethyl Acetate	5.69	43	3539087	8.838 ppbv	99
26) Hexane	5.70	57	1438602	8.744 ppbv	98
27) Carbon Disulfide	4.56	76	1512717	10.004 ppbv	97
28) Methyl tert-Butyl Ether	5.05	73	1982664	9.224 ppbv	100
29) Chloroform	5.77	83	2331812	8.797 ppbv	98
30) Cyclohexane	7.14	84	1206243	8.815 ppbv	99
31) cis-1,2-Dichloroethene	5.56	61	1478122	9.079 ppbv	94
32) 1,1,1-Trichloroethane	6.53	97	2274162	9.177 ppbv	99
34) 2-Butanone	5.26	43	2251967	8.734 ppbv	100
35) Carbon Tetrachloride	7.03	117	2333050	8.970 ppbv	96
36) Benzene	6.91	78	3056383	9.272 ppbv	99
37) 1,2-Dichloroethane	6.32	62	1781838	8.742 ppbv	99
38) Trichloroethene	7.85	130	1050883	8.899 ppbv	95
39) 1,2-Dichloropropane	7.63	63	1236023	9.230 ppbv	97
40) 1,4-Dioxane	7.85	88	346552	7.469 ppbv #	23
41) Tetrahydrofuran	6.06	42	1348575	9.372 ppbv	98
42) Bromodichloromethane	7.81	83	2517378	9.222 ppbv	96
43) Methyl Methacrylate	8.03	69	1341341	9.648 ppbv	99

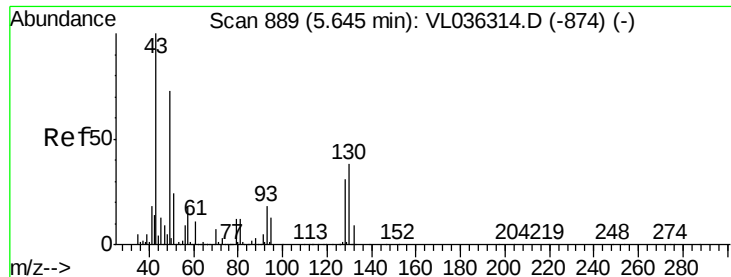
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030121\
 Data File : VL036422.D
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 Operator : SY/AP
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 QLast Update : Wed Feb 10 16:04:02 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5290878	8.827	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	1397681	10.422	ppbv	100
46) cis-1,3-Dichloropropene	8.72	75	1707039	10.020	ppbv	99
47) 1,1,2-Trichloroethane	9.50	97	1188613	8.673	ppbv	98
48) Dibromochloromethane	10.32	129	1963473	9.601	ppbv	98
49) Bromoform	13.06	173	1581535	9.567	ppbv	100
50) 4-Methyl-2-Pentanone	8.76	43	3505996	9.159	ppbv	99
51) 2-Hexanone	10.15	43	2851774	9.805	ppbv	98
52) Tetrachloroethene	11.24	164	969002	8.029	ppbv	97
53) Toluene	9.83	91	3369106	9.436	ppbv	100
54) 1,2-Dibromoethane	10.63	107	1756486	8.869	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.14	131	1463375	7.109	ppbv #	61
57) Chlorobenzene	12.17	112	2412119	6.976	ppbv	98
58) Ethyl Benzene	12.73	91	4536416	7.403	ppbv	99
59) m/p-Xylene	13.02	91	4696590	8.726	ppbv #	55
60) o-Xylene	13.71	91	3623132	7.040	ppbv	100
61) Styrene	13.55	104	2528290	7.927	ppbv	99
62) Isopropylbenzene	14.69	105	5296444	6.866	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.70	83	2537415	6.249	ppbv	100
64) n-propylbenzene	15.58	120	1398782	7.368	ppbv	97
65) tert-Butylbenzene	16.77	119	4491581	6.805	ppbv	99
66) Benzyl Chloride	17.01	91	1518558	8.463	ppbv	99
67) sec-Butylbenzene	17.32	105	6459684	6.786	ppbv	99
69) p-Isopropyltoluene	17.68	119	5261089	7.152	ppbv	99
70) n-Butylbenzene	18.57	91	5653212	7.166	ppbv	100
71) 2-Chlorotoluene	15.47	91	4143373	7.007	ppbv	99
72) 4-Ethyltoluene	15.86	105	4159966	7.263	ppbv	100
73) 1,3,5-Trimethylbenzene	16.02	105	3881222	6.991	ppbv	99
74) 1,2,4-Trimethylbenzene	16.78	105	3890179	6.864	ppbv #	90
75) 1,3-Dichlorobenzene	17.02	146	2112986	6.868	ppbv	99
76) 1,4-Dichlorobenzene	17.16	146	2064896	6.463	ppbv	95
77) 1,2-Dichlorobenzene	17.84	146	2097434	6.873	ppbv	99
78) Hexachloro-1,3-Butadiene	23.40	225	1665201	6.678	ppbv	99
79) Naphthalene	22.22	128	3326014	9.899	ppbv	98
80) Naphthalene, 2-methyl-	24.99	142	814936	13.100	ppbv	93
81) 1,2,4-Trichlorobenzene	21.95	180	1731574	8.447	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.04 min

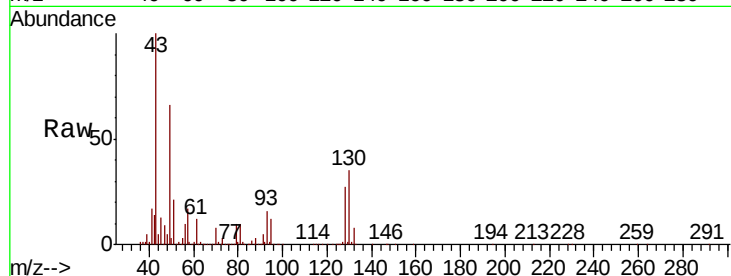
Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 49 Resp: 1696931

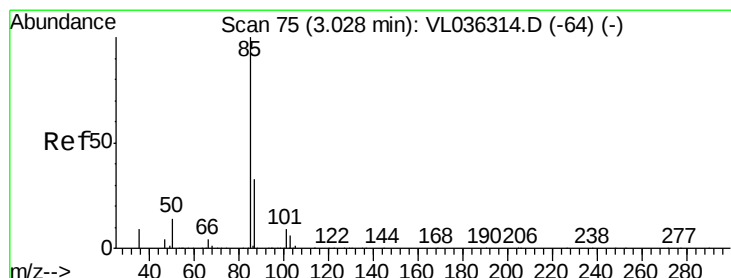
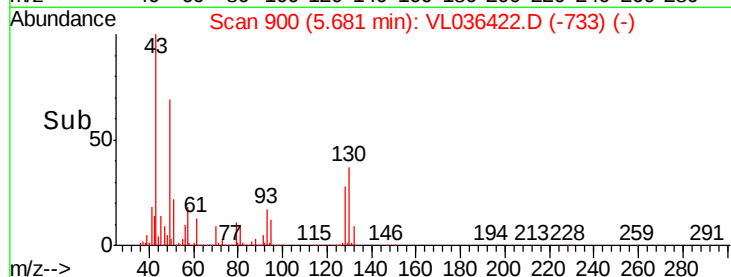
Ion	Ratio	Lower	Upper
49	100		
128	42.8	20.8	62.5
130	55.3	26.7	80.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 8.143 ppbv

RT: 3.05 min Scan# 83

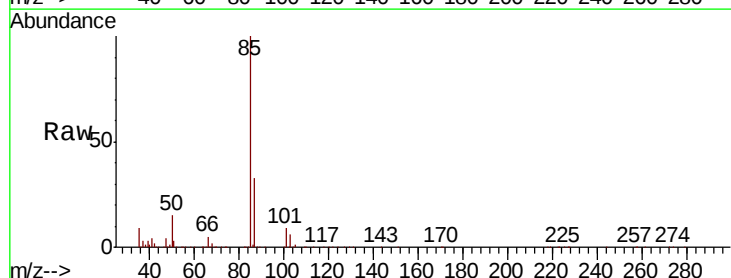
Delta R.T. 0.03 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

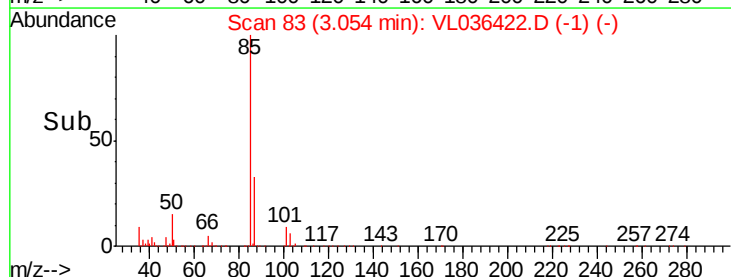
Tgt Ion: 85 Resp: 2062291

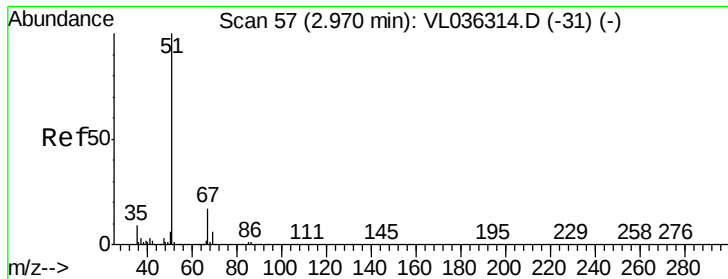
Ion	Ratio	Lower	Upper
85	100		
87	32.6	26.5	39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 8.735 ppbv

RT: 2.99 min Scan# 64

Delta R.T. 0.02 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

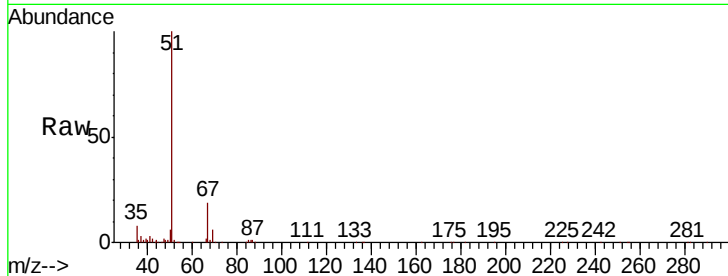
Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 51 Resp: 1841818

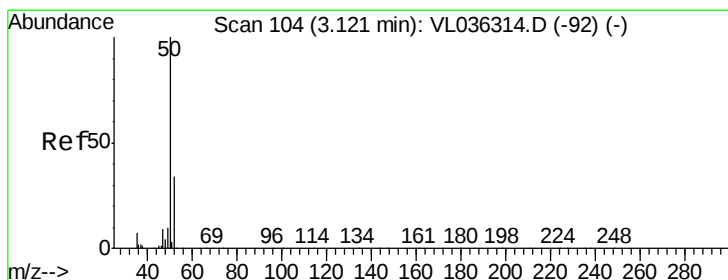
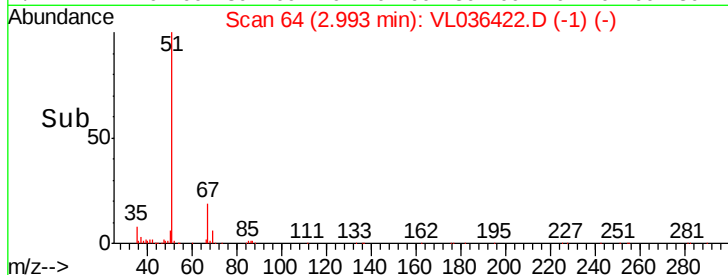
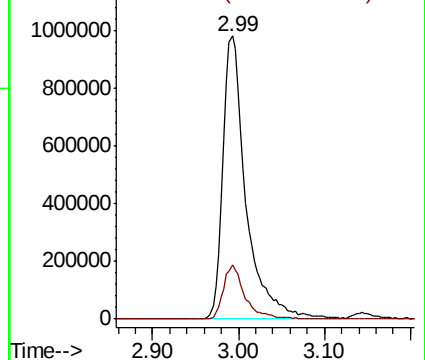
Ion Ratio Lower Upper

51 100

67 18.1 14.7 22.1



Abundance Ion 51.00 (50.70 to 51.70): VL0
Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.176 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.02 min

Lab File: VL036422.D

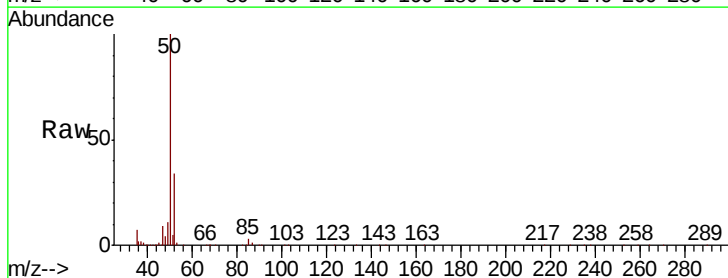
Acq: 1 Mar 2021 19:46

Tgt Ion: 50 Resp: 934677

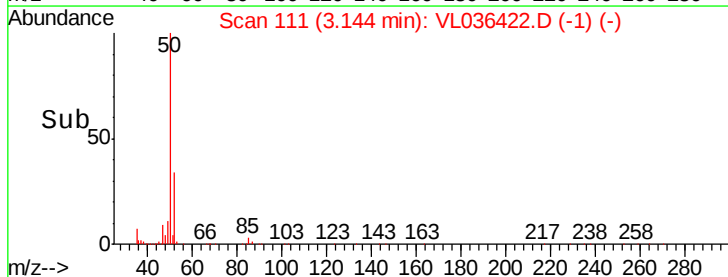
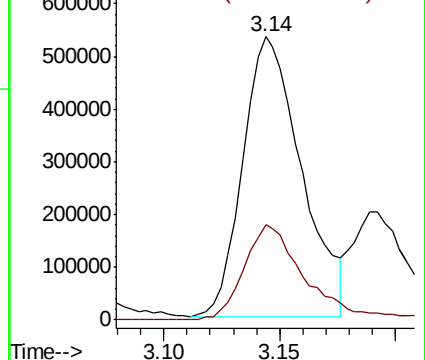
Ion Ratio Lower Upper

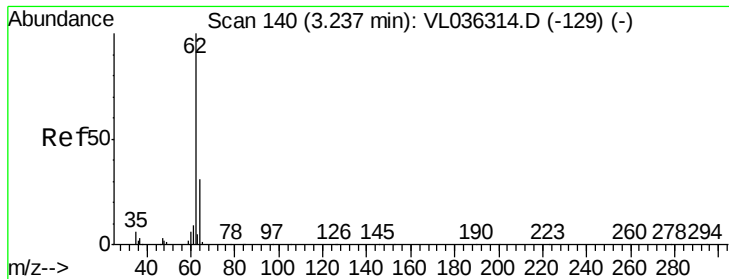
50 100

52 34.0 27.0 40.4



Abundance Ion 50.10 (49.80 to 50.80): VL0
Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.440 ppbv

RT: 3.26 min Scan# 148

Delta R.T. 0.03 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

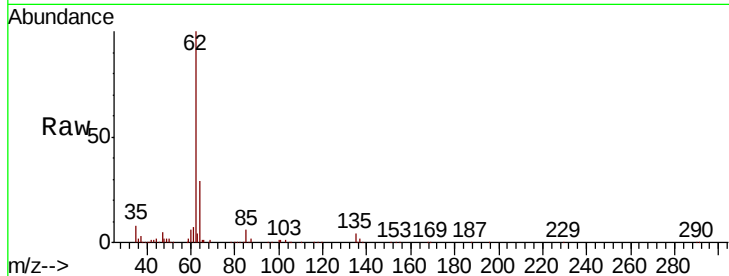
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 62 Resp: 895397

Ion	Ratio	Lower	Upper
62	100		
64	29.5	24.4	36.6

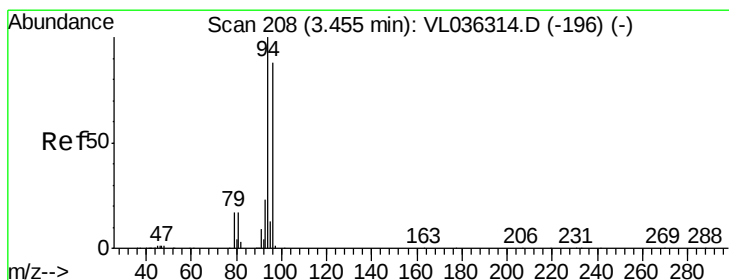
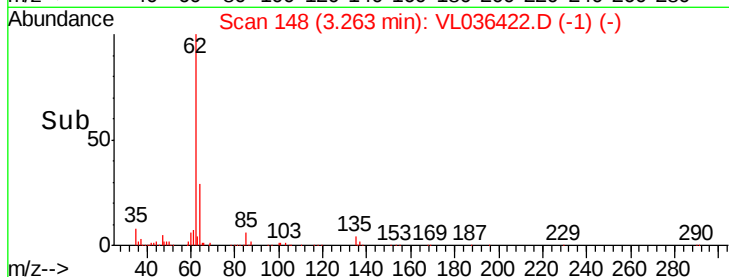


Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.26

Time-->



#6

Bromomethane

Concen: 8.982 ppbv

RT: 3.48 min Scan# 215

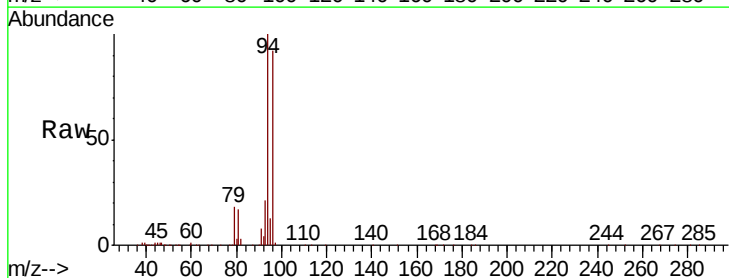
Delta R.T. 0.02 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Tgt Ion: 94 Resp: 506410

Ion	Ratio	Lower	Upper
94	100		
96	92.2	70.8	106.2

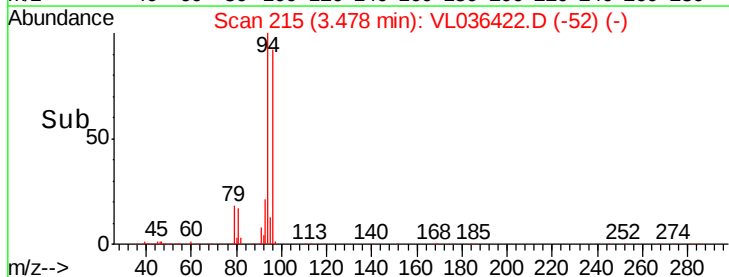


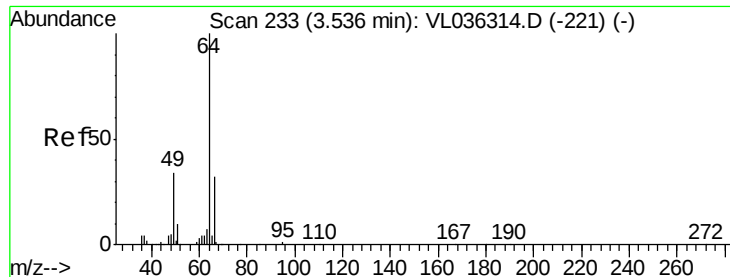
Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

3.48

Time-->





#7

Chloroethane

Concen: 9.612 ppbv

RT: 3.56 min Scan# 241

Delta R.T. 0.03 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

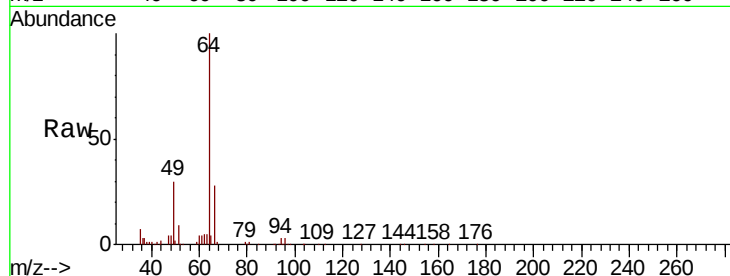
ClientSampleId :

Tot Ion: 64 Resp: 323716

Ion Ratio Lower Upper

64 100

66 28.1 25.6 38.4



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.56

200000

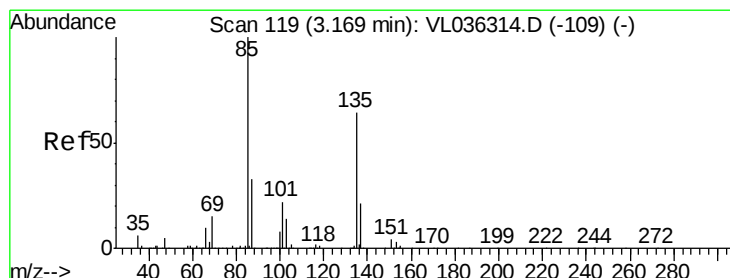
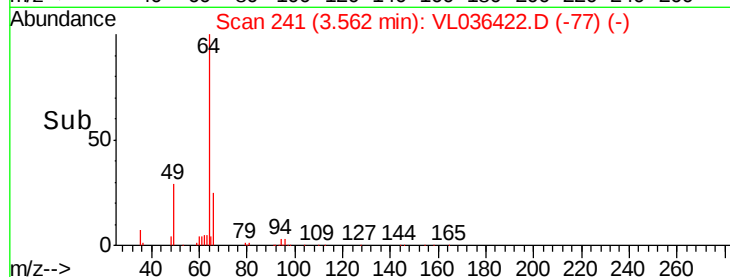
150000

100000

50000

0

Time--> 3.50 3.55 3.60 3.65



#8

Dichlorotetrafluoroethane

Concen: 9.266 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.02 min

Lab File: VL036422.D

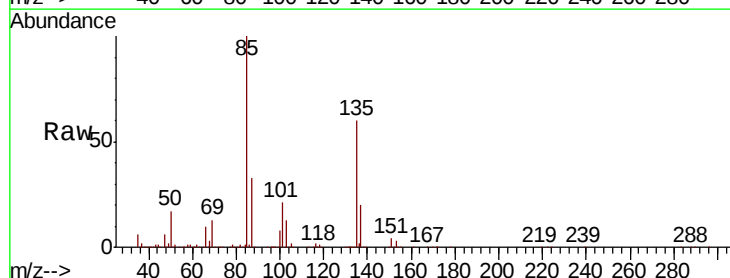
Acq: 1 Mar 2021 19:46

Tgt Ion: 85 Resp: 2134262

Ion Ratio Lower Upper

85 100

135 63.3 51.1 76.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

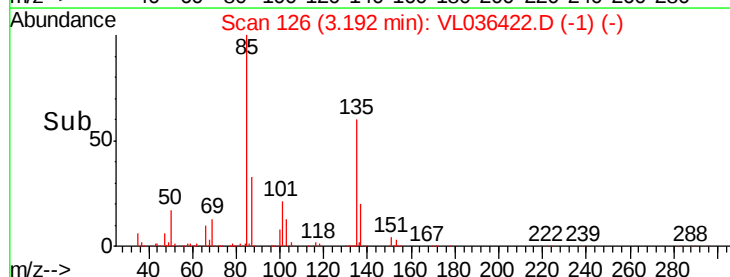
3.19

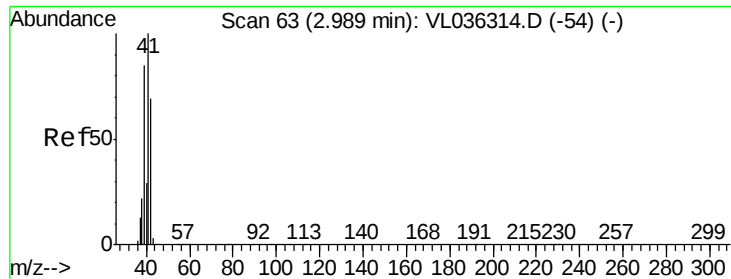
1000000

500000

0

Time--> 3.10 3.20 3.30





#9

Propene

Concen: 10.533 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.02 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

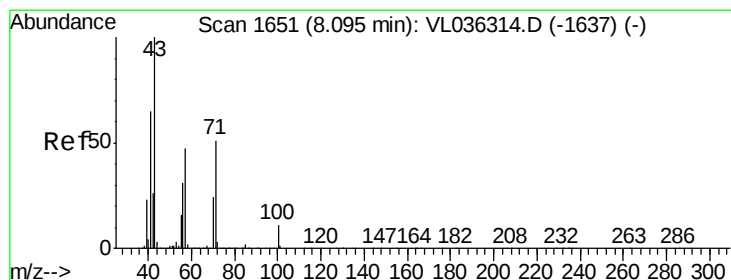
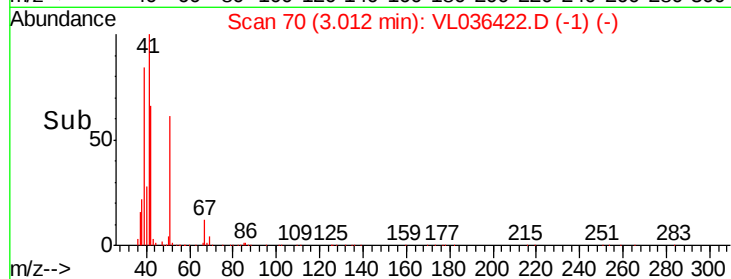
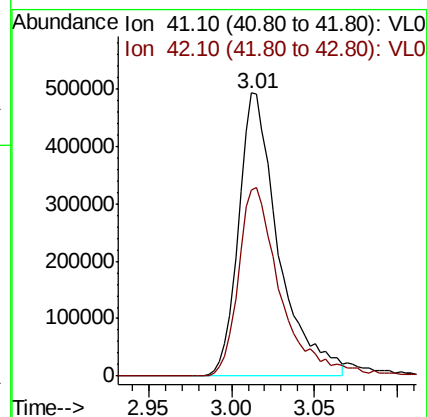
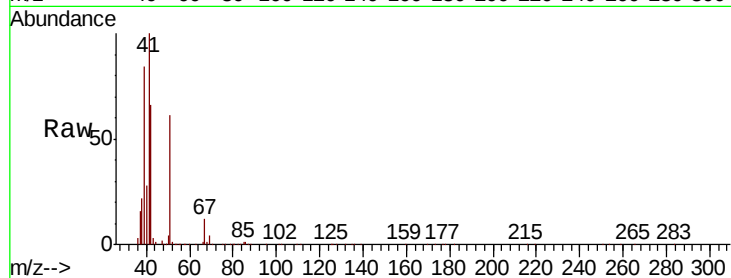
ClientSampleId :

Tot Ion: 41 Resp: 828022

Ion Ratio Lower Upper

41 100

42 71.4 56.2 84.2



#10

Heptane

Concen: 9.367 ppbv

RT: 8.14 min Scan# 1664

Delta R.T. 0.04 min

Lab File: VL036422.D

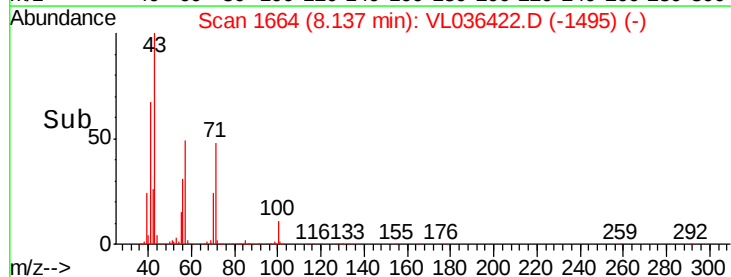
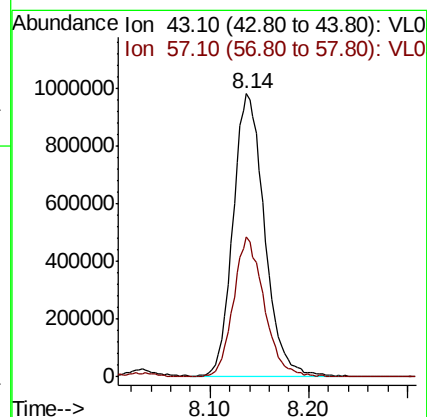
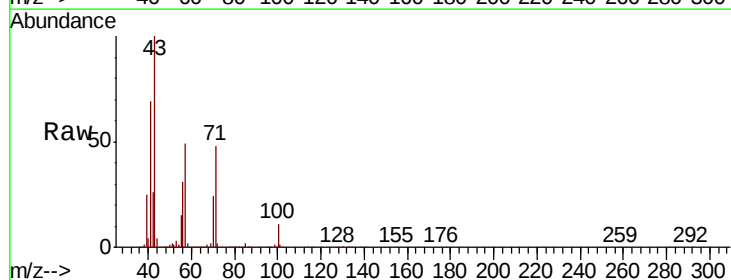
Acq: 1 Mar 2021 19:46

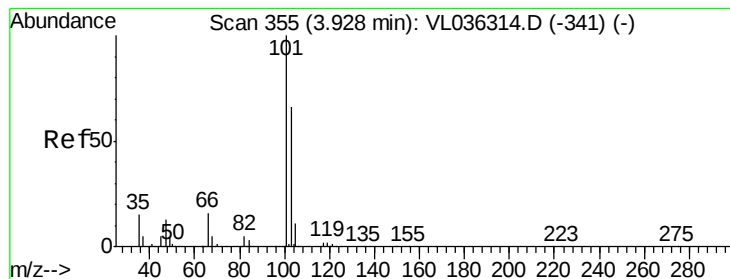
Tgt Ion: 43 Resp: 2170068

Ion Ratio Lower Upper

43 100

57 48.6 39.4 59.2





#11

Trichlorofluoromethane

Concen: 8.980 ppbv

RT: 3.96 min Scan# 364

Delta R.T. 0.03 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

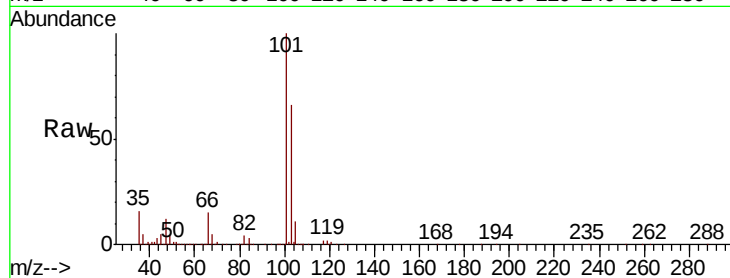
ClientSampleId :

Tot Ion:101 Resp: 2226946

Ion Ratio Lower Upper

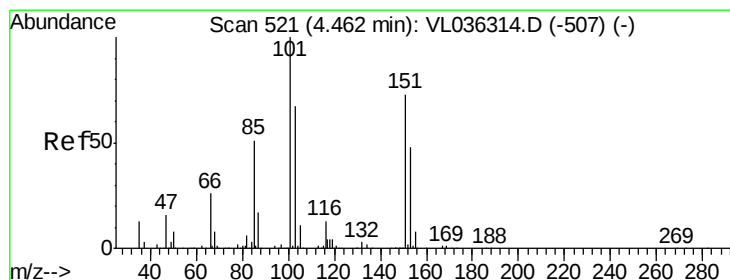
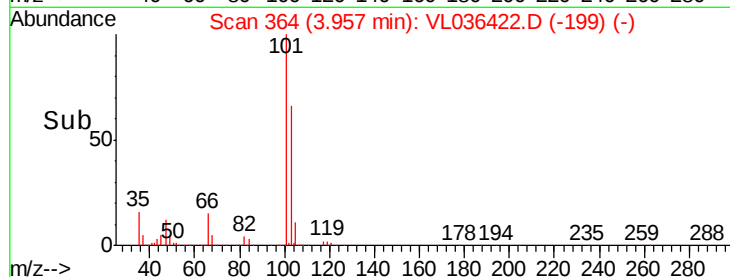
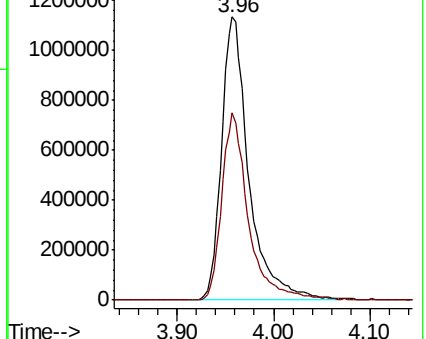
101 100

103 66.4 52.9 79.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 8.982 ppbv

RT: 4.49 min Scan# 531

Delta R.T. 0.03 min

Lab File: VL036422.D

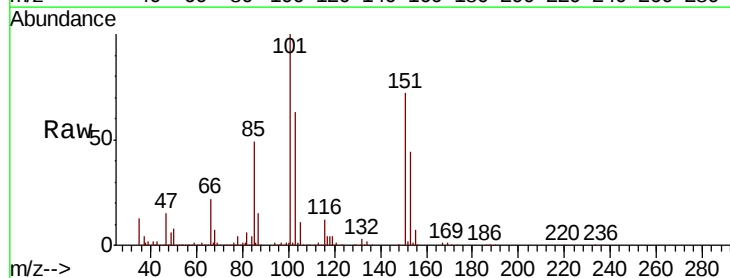
Acq: 1 Mar 2021 19:46

Tgt Ion:101 Resp: 1379855

Ion Ratio Lower Upper

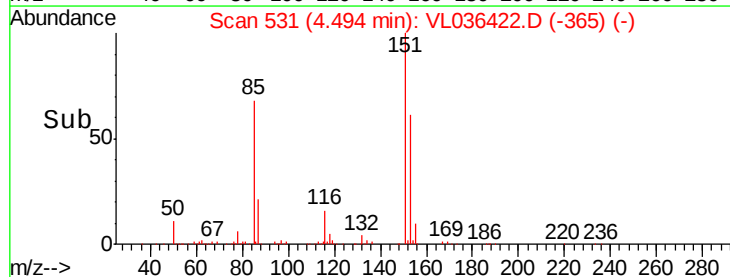
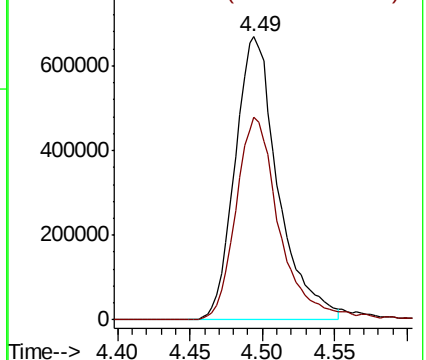
101 100

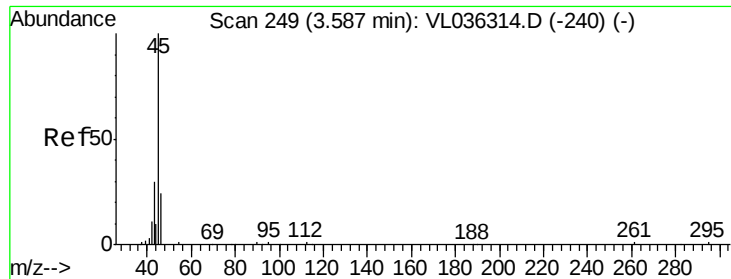
151 73.4 58.2 87.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 3.548 ppbv

RT: 3.61 min Scan# 256

Delta R.T. 0.02 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

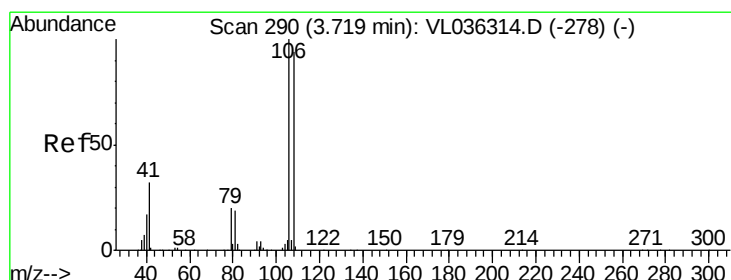
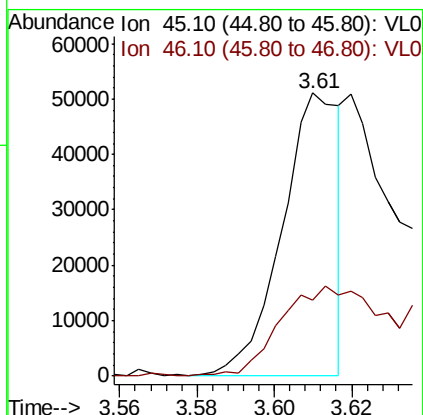
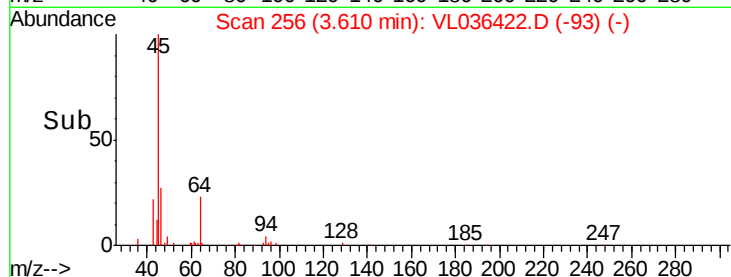
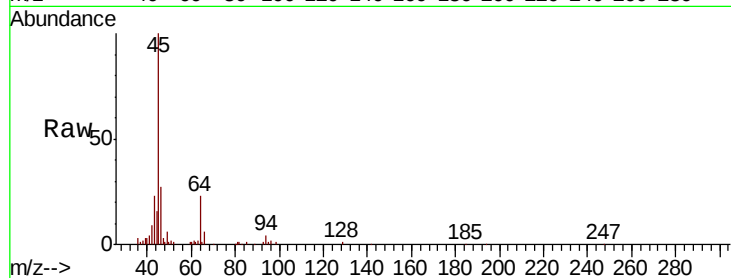
ClientSampleId :

Tot Ion: 45 Resp: 52384

Ion Ratio Lower Upper

45 100

46 89.4 17.7 70.7#



#14

Bromoethene

Concen: 8.994 ppbv

RT: 3.75 min Scan# 299

Delta R.T. 0.03 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

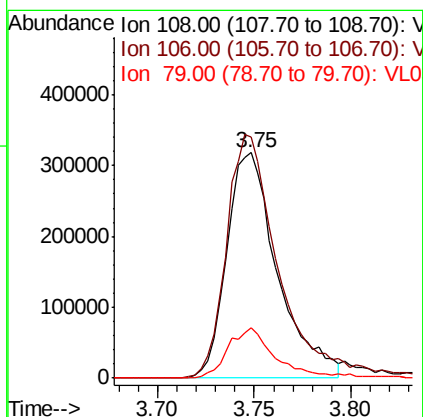
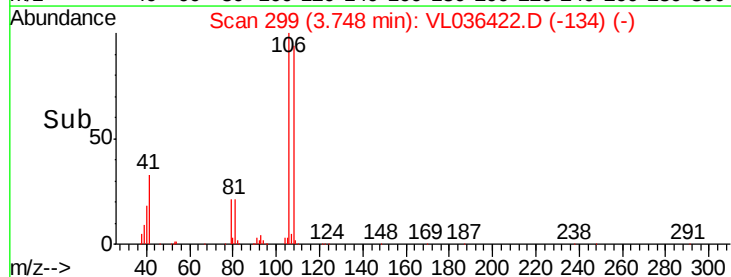
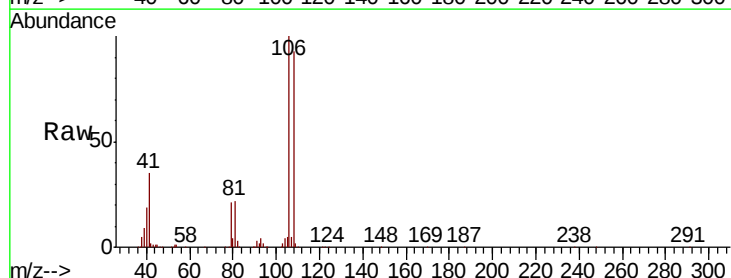
Tgt Ion: 108 Resp: 578253

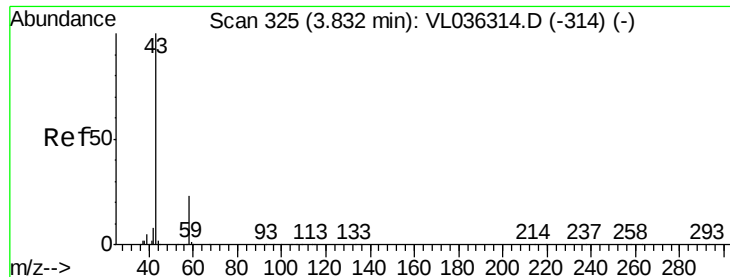
Ion Ratio Lower Upper

108 100

106 113.7 89.8 134.8

79 21.5 17.1 25.7

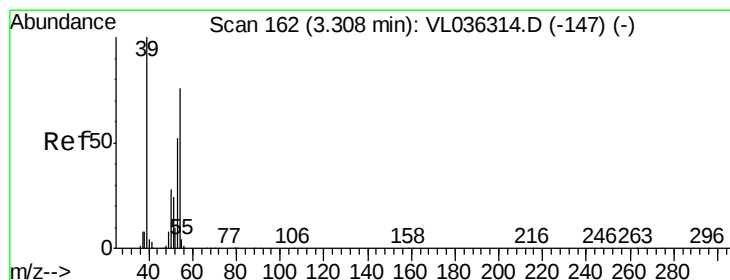
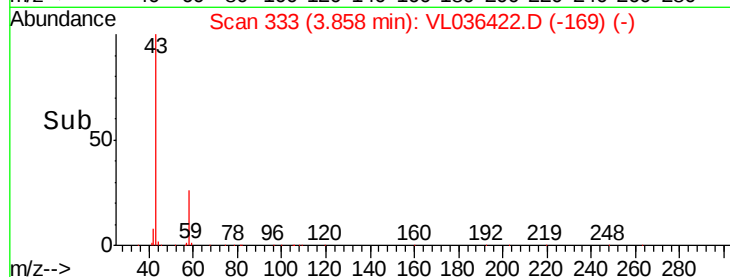
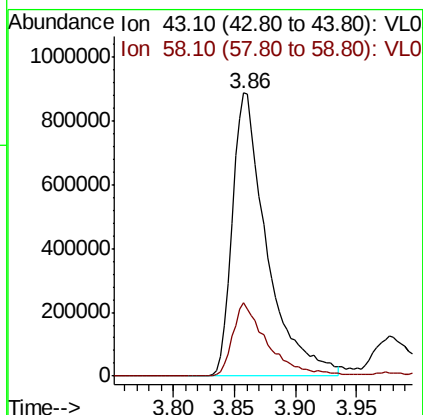
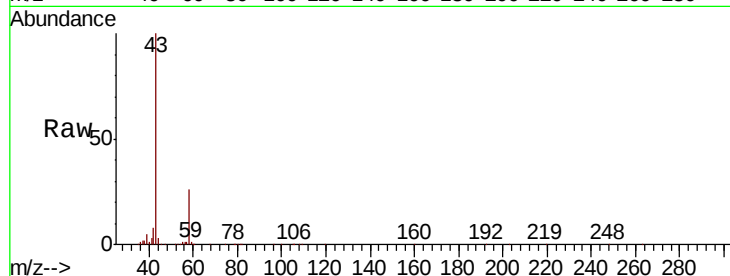




#15
Acetone
Concen: 8.384 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.03 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

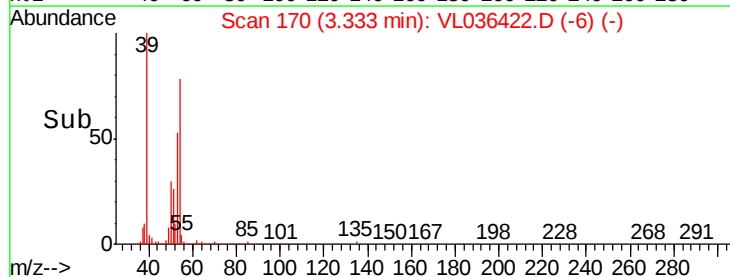
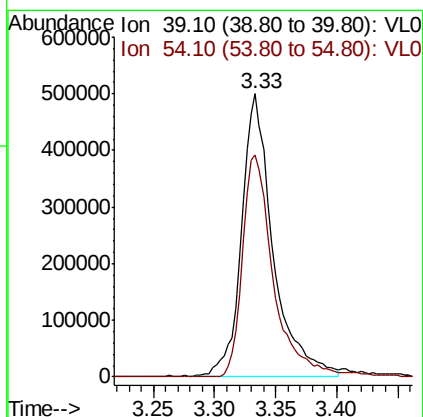
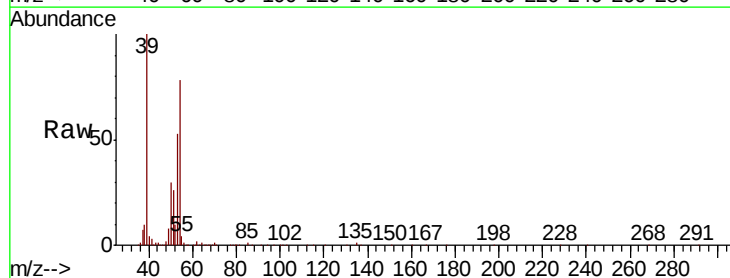
Instrument :
MSVOA_L
ClientSampleId :

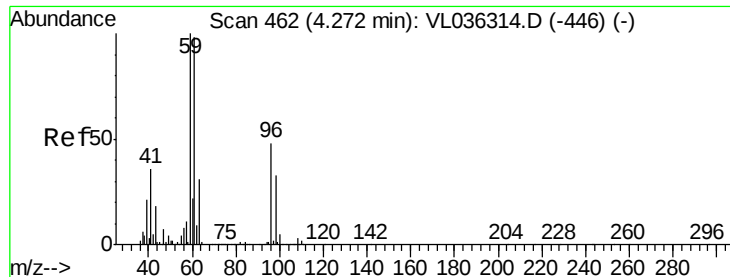
Tot Ion: 43 Resp: 1739113
Ion Ratio Lower Upper
43 100
58 26.2 20.3 30.5



#16
1,3-Butadiene
Concen: 8.954 ppbv
RT: 3.33 min Scan# 170
Delta R.T. 0.03 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion: 39 Resp: 888160
Ion Ratio Lower Upper
39 100
54 78.4 64.4 96.6



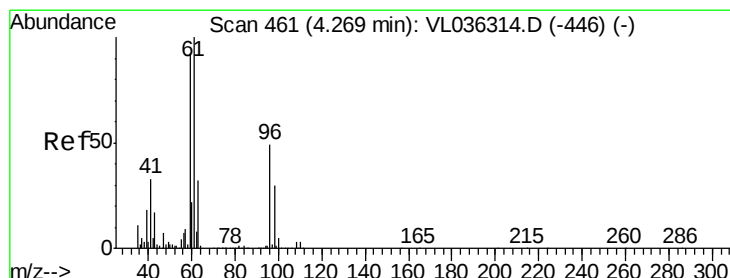
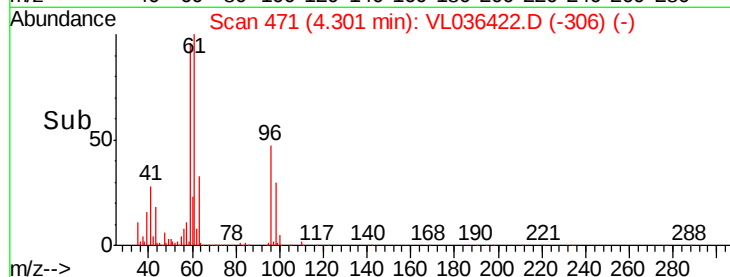
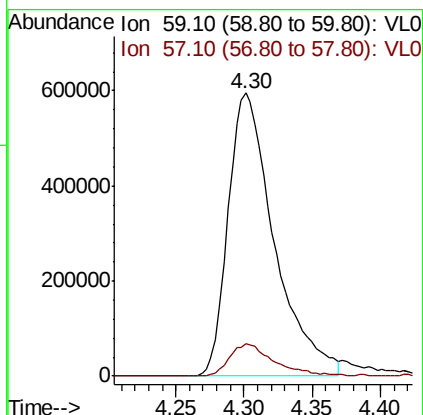
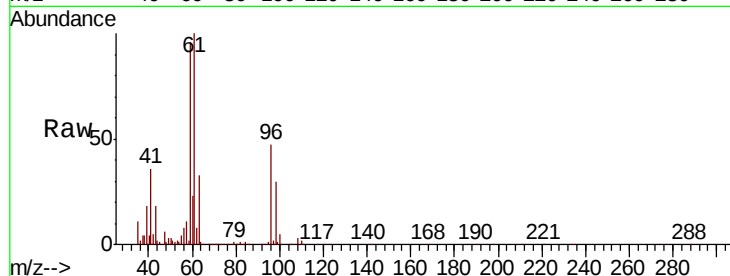


#17

tert-Butyl alcohol
Concen: 8.689 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.03 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Instrument :
MSVOA_L
ClientSampleId :

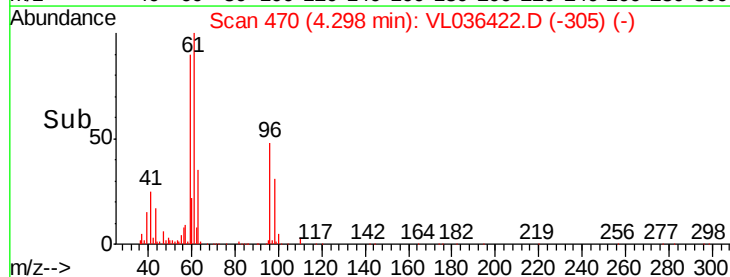
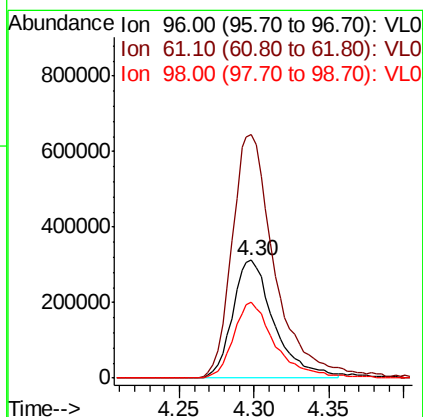
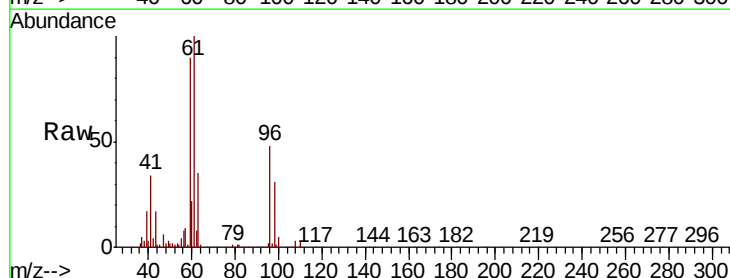
Tot Ion: 59 Resp: 1399004
Ion Ratio Lower Upper
59 100
57 11.3 9.0 13.4

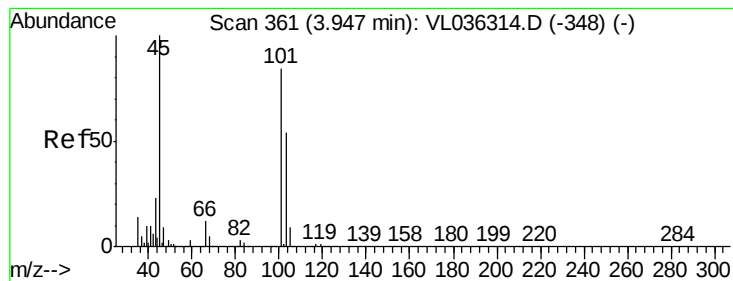


#18

1,1-Dichloroethene
Concen: 8.673 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.03 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion: 96 Resp: 605474
Ion Ratio Lower Upper
96 100
61 206.3 162.5 243.7
98 63.9 48.5 72.7



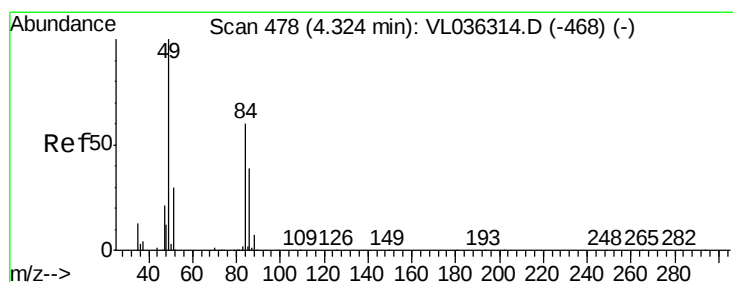
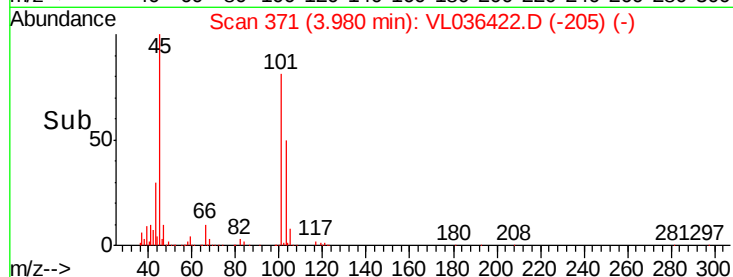
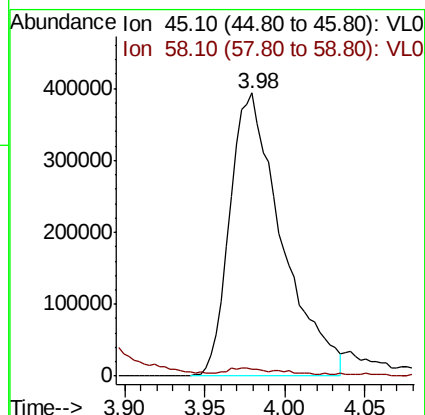
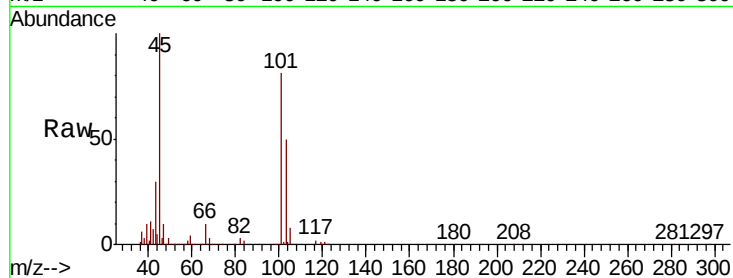


#19

Isopropyl Alcohol
 Concen: 7.610 ppbv
 RT: 3.98 min Scan# 371
 Delta R.T. 0.03 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Instrument :
 MSVOA_L
 ClientSampleID :

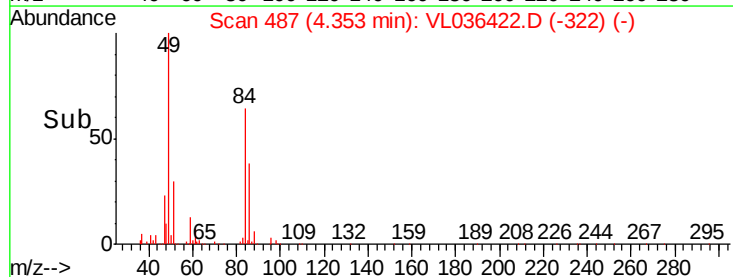
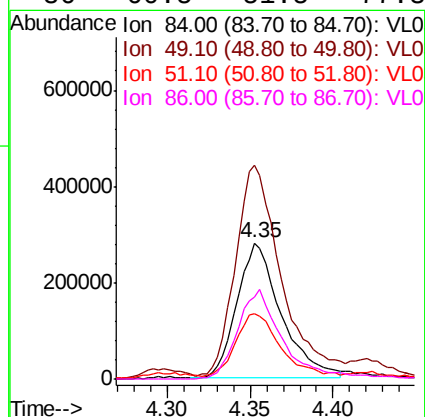
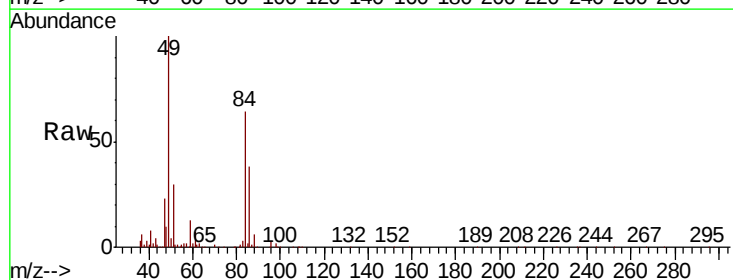
Tot Ion: 45 Resp: 874543
 Ion Ratio Lower Upper
 45 100
 58 3.4 1.9 2.9#

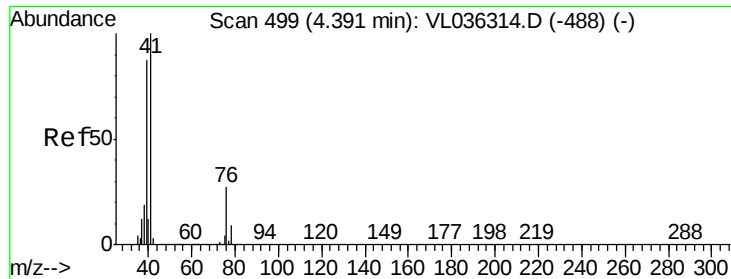


#20

Methylene Chloride
 Concen: 7.800 ppbv
 RT: 4.35 min Scan# 487
 Delta R.T. 0.03 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion: 84 Resp: 521986
 Ion Ratio Lower Upper
 84 100
 49 154.1 133.8 200.8
 51 45.4 41.4 62.0
 86 60.5 51.5 77.3

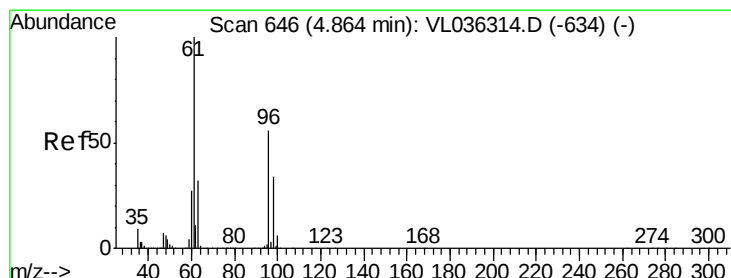
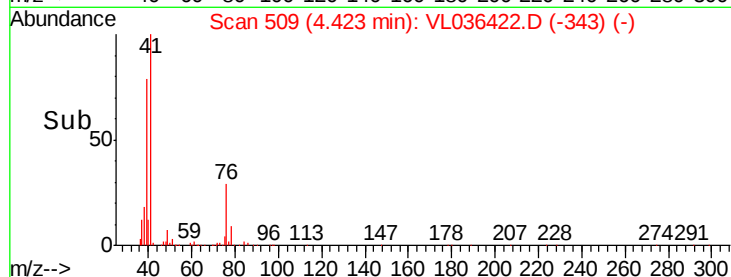
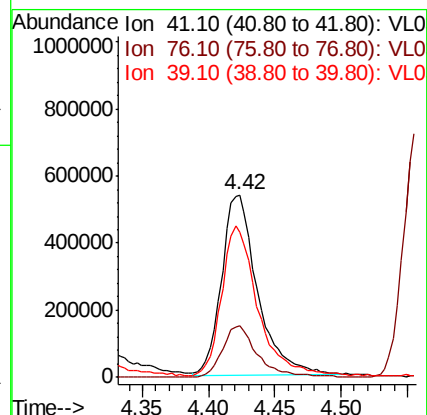
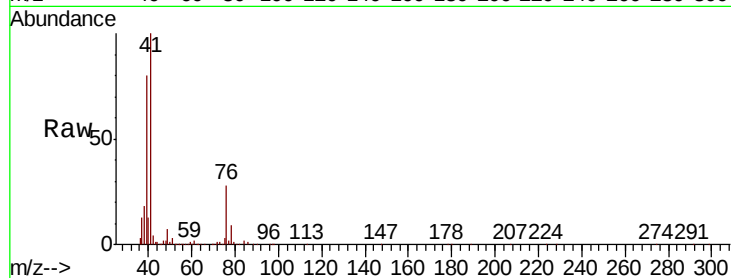




#21
Allvl Chloride
Concen: 8.711 ppbv
RT: 4.42 min Scan# 509
Delta R.T. 0.03 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

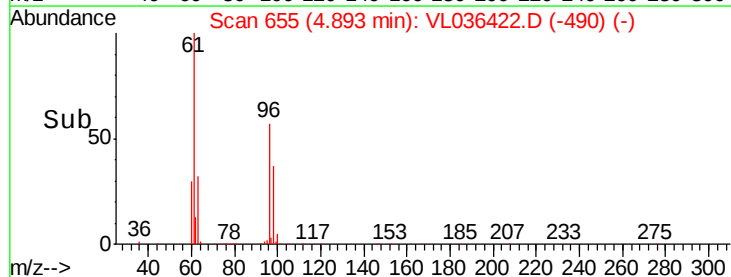
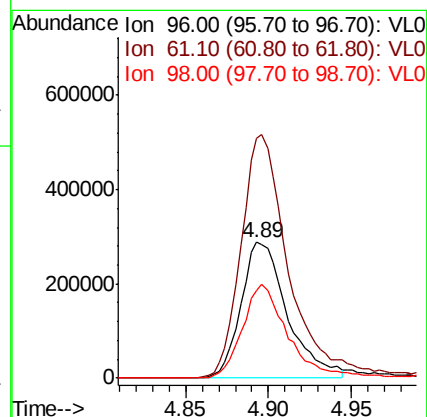
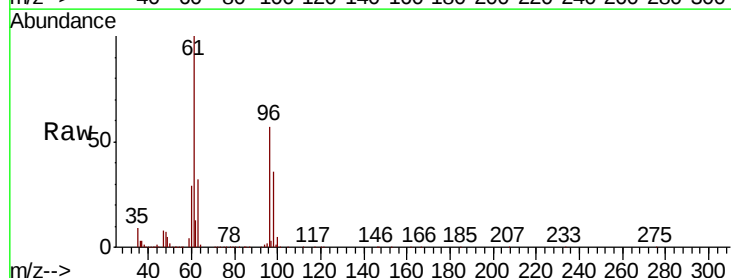
Instrument :
MSVOA_L
ClientSampleId :

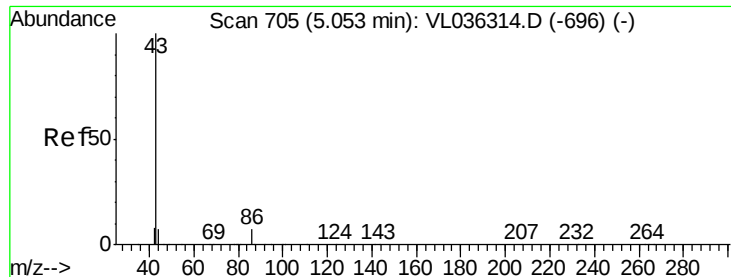
Tot Ion: 41 Resp: 1005971
Ion Ratio Lower Upper
41 100
76 28.2 22.0 33.0
39 85.1 70.2 105.2



#22
trans-1,2-Dichloroethene
Concen: 8.824 ppbv
RT: 4.89 min Scan# 655
Delta R.T. 0.03 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion: 96 Resp: 559556
Ion Ratio Lower Upper
96 100
61 176.2 143.7 215.5
98 64.1 48.5 72.7



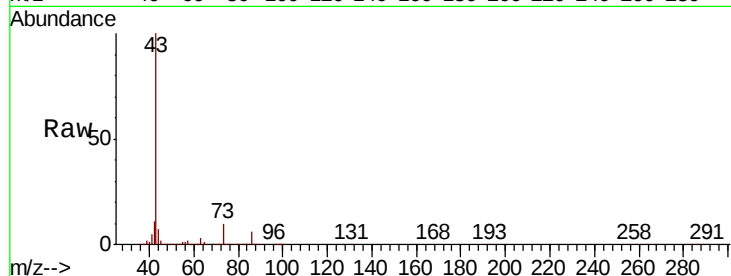


#23
 Vinyl Acetate
 Concen: 8.807 ppbv
 RT: 5.09 min Scan# 715
 Delta R.T. 0.03 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

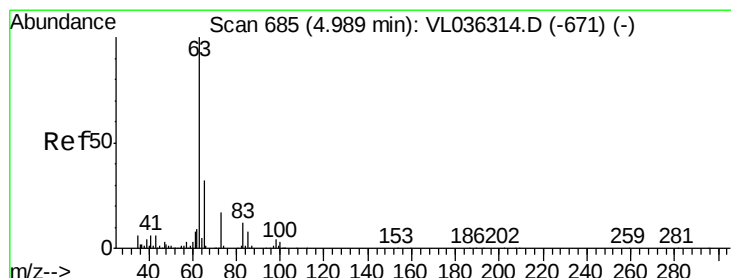
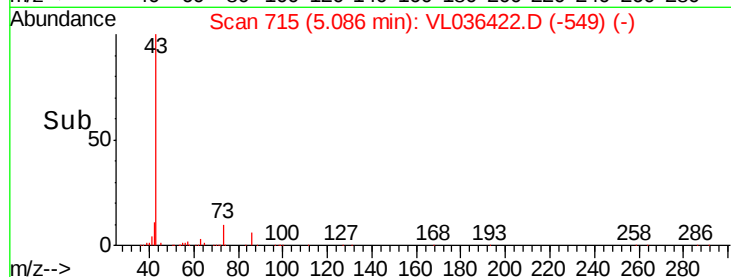
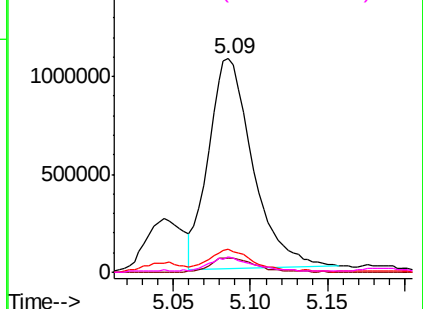
Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 43 Resp: 2148039

Ion	Ratio	Lower	Upper
43	100		
86	6.5	4.8	7.2
42	10.7	7.4	11.0
44	6.4	4.8	7.2



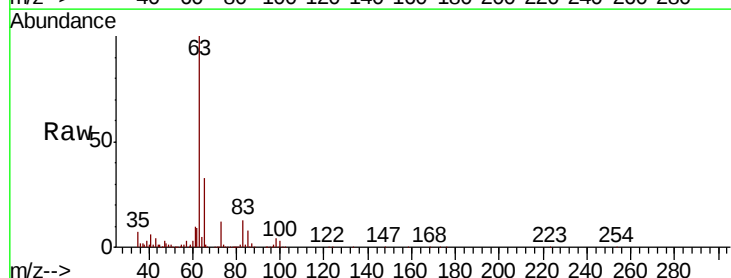
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0



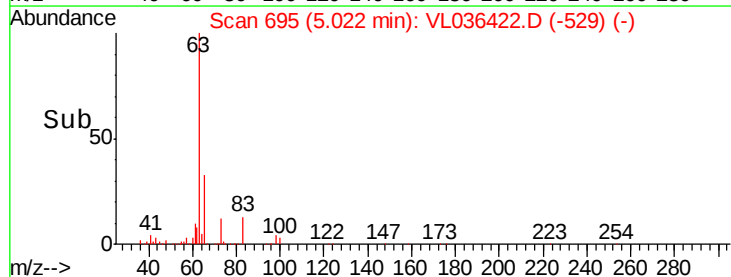
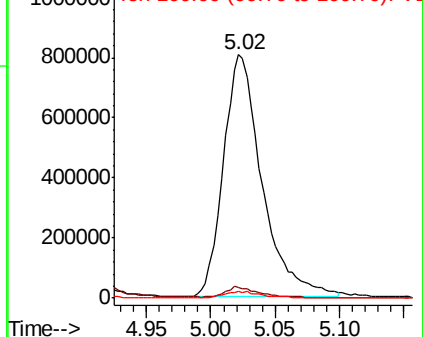
#24
 1,1-Dichloroethane
 Concen: 9.298 ppbv
 RT: 5.02 min Scan# 695
 Delta R.T. 0.03 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

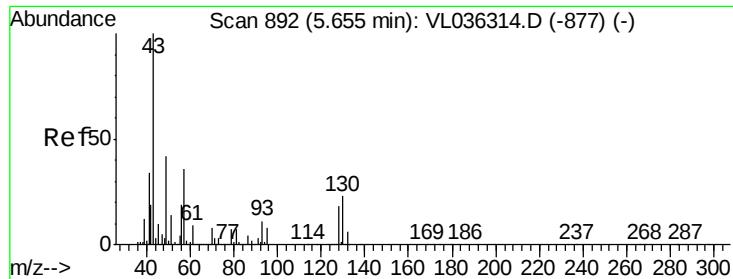
Tgt Ion: 63 Resp: 1677135

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.0	6.0
100	2.8	1.5	4.4



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



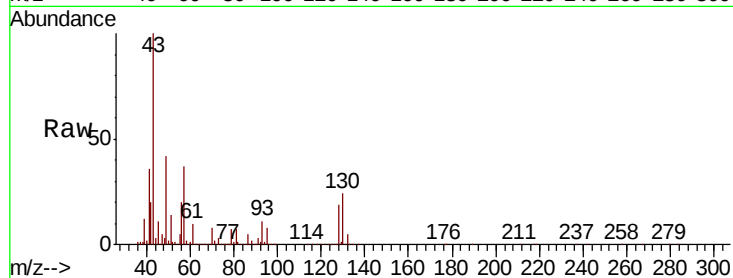


#25
Ethyl Acetate
Concen: 8.838 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 3539087

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.3	12.5
61	9.9	7.3	10.9
70	6.9	5.4	8.0



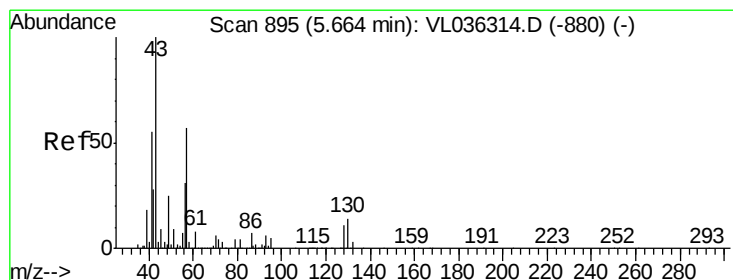
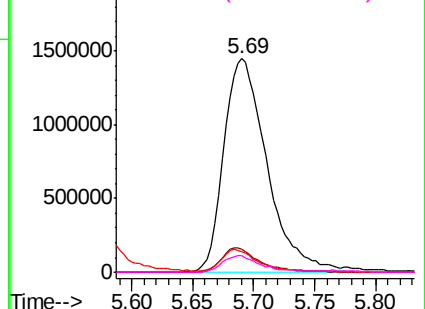
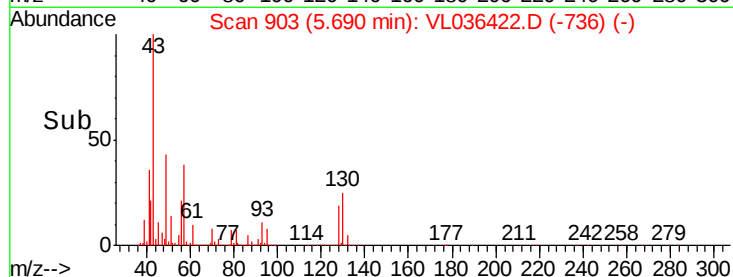
Abundance

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

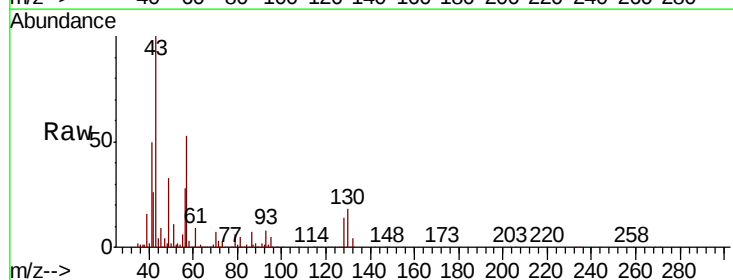
Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 8.744 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.03 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion: 57 Resp: 1438602

Ion	Ratio	Lower	Upper
57	100		
41	101.3	81.7	122.5
43	252.2	199.1	298.7
56	55.8	44.0	66.0



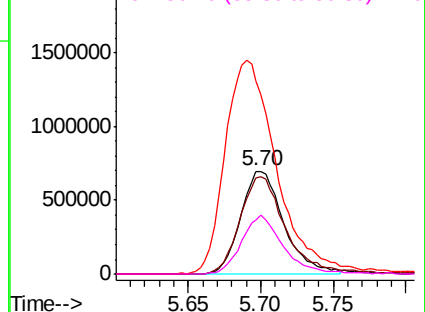
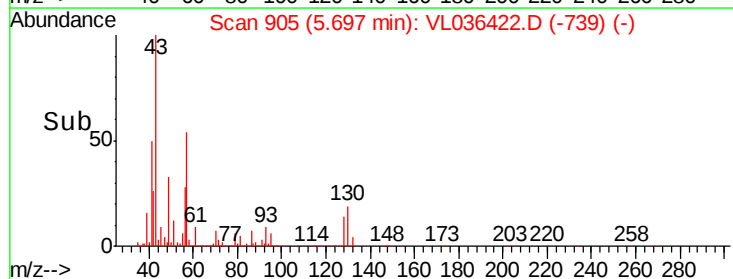
Abundance

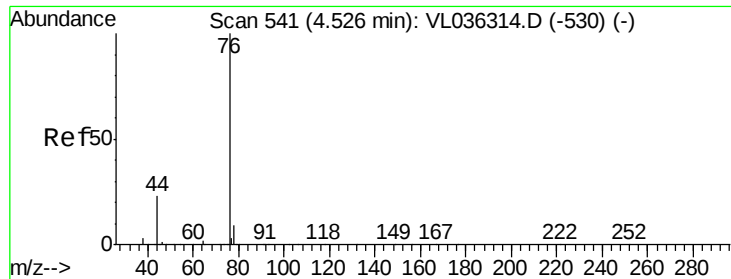
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 10.004 ppbv

RT: 4.56 min Scan# 551

Delta R.T. 0.03 min

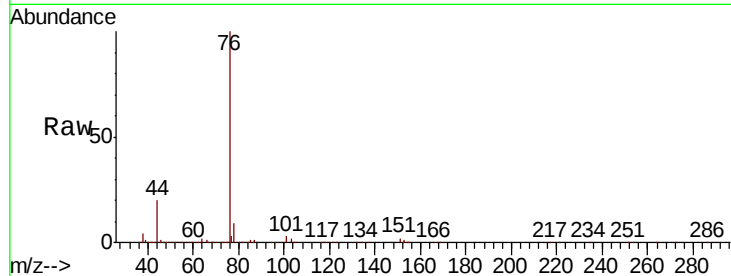
Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 76 Resp: 1512717

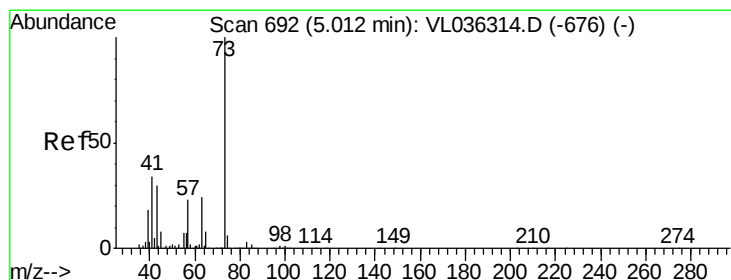
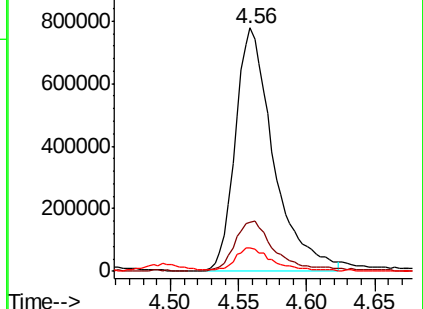
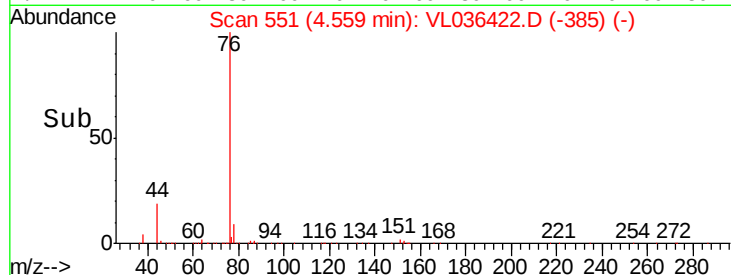
Ion	Ratio	Lower	Upper
76	100		
44	21.1	18.4	27.6
78	9.7	8.0	12.0



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 9.224 ppbv

RT: 5.05 min Scan# 703

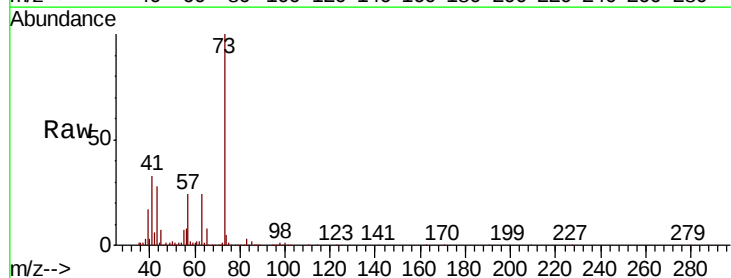
Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

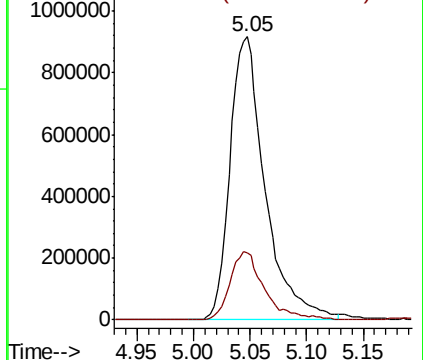
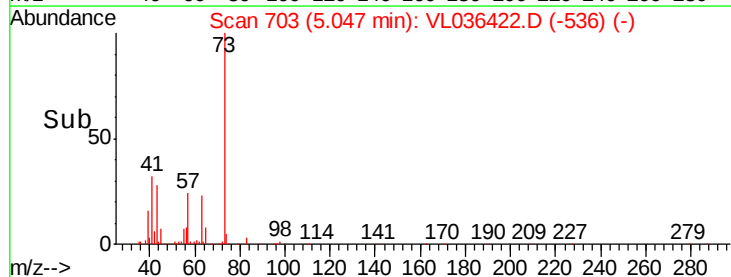
Tgt Ion: 73 Resp: 1982664

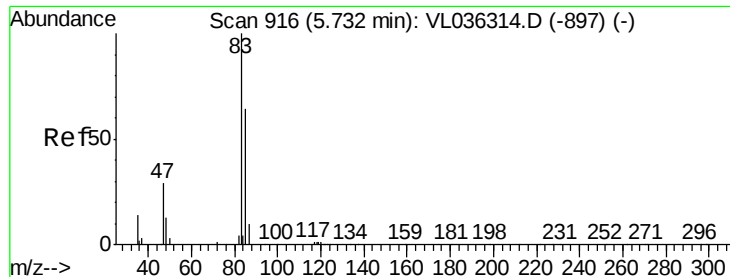
Ion	Ratio	Lower	Upper
73	100		
57	23.8	19.2	28.8



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 8.797 ppbv

RT: 5.77 min Scan# 927

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

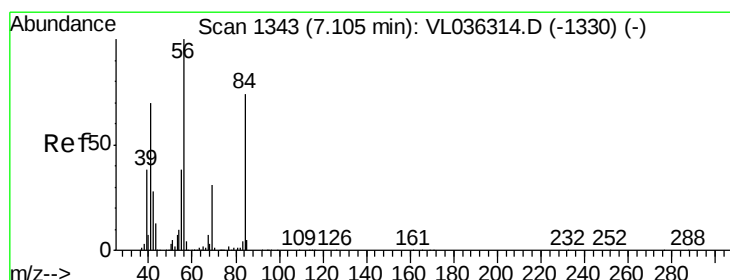
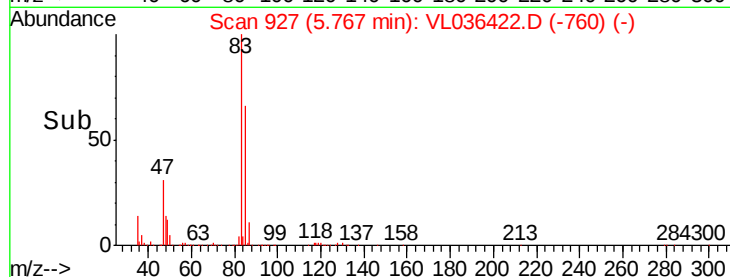
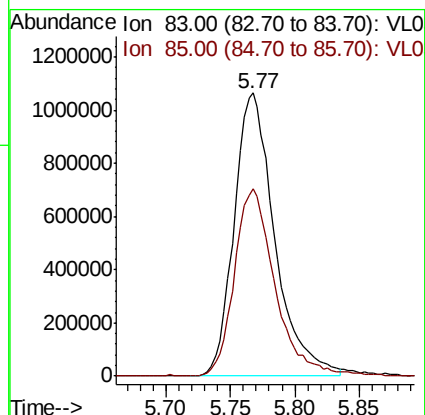
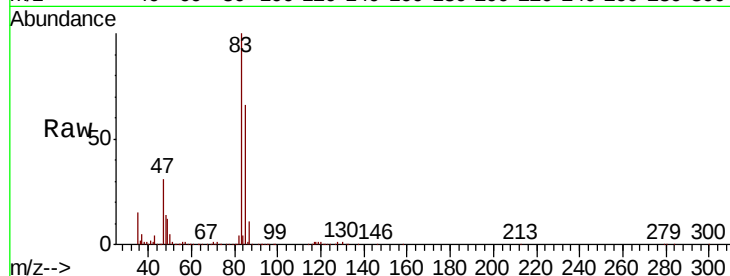
ClientSampleId :

Tot Ion: 83 Resp: 2331812

Ion Ratio Lower Upper

83 100

85 66.0 51.4 77.2



#30

Cyclohexane

Concen: 8.815 ppbv

RT: 7.14 min Scan# 1355

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

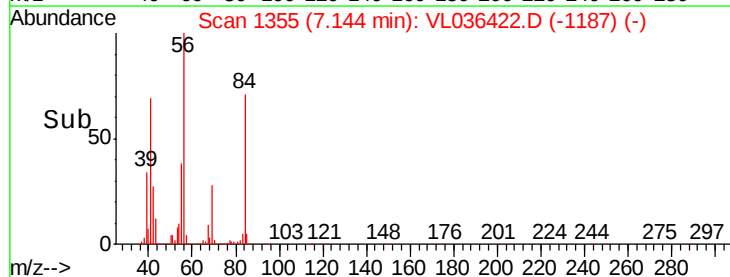
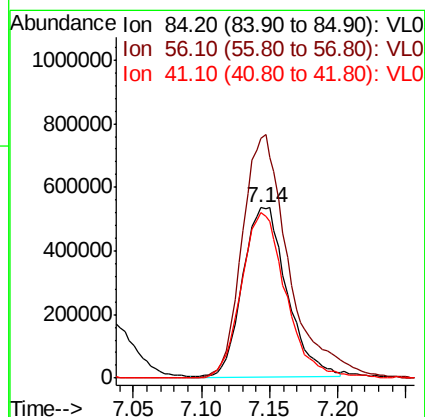
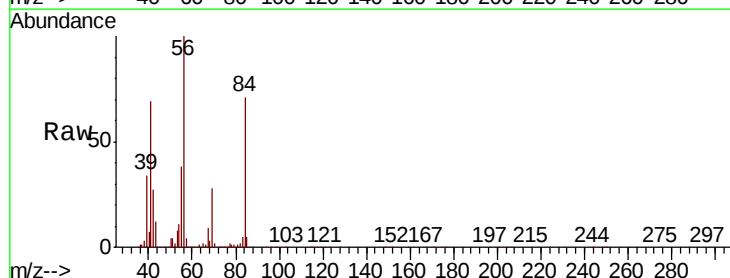
Tgt Ion: 84 Resp: 1206243

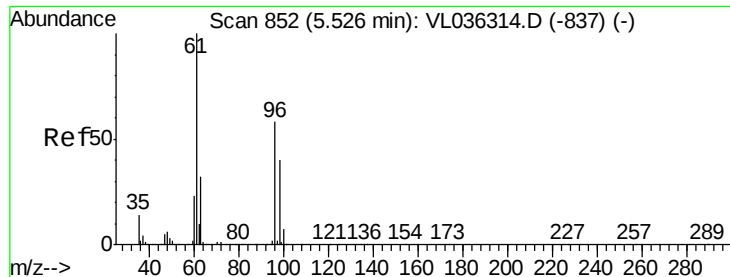
Ion Ratio Lower Upper

84 100

56 152.4 120.2 180.4

41 98.8 79.7 119.5



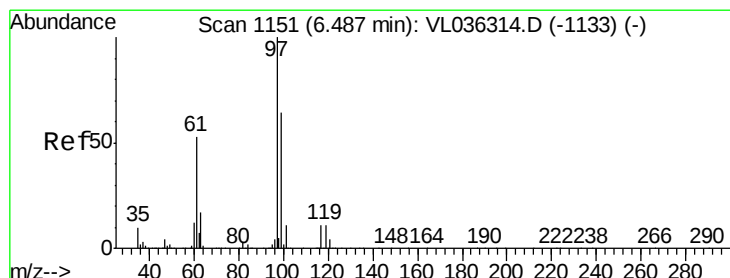
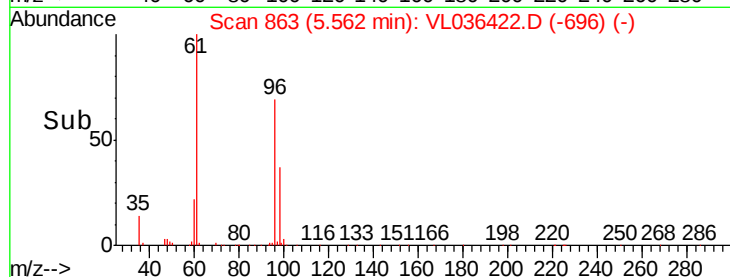
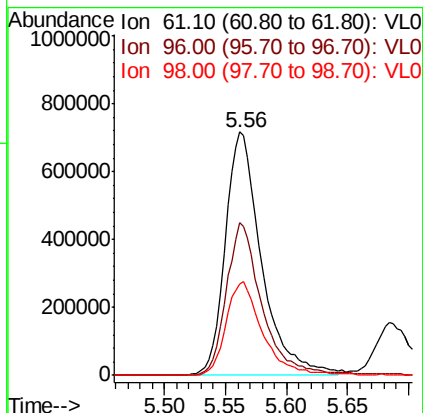
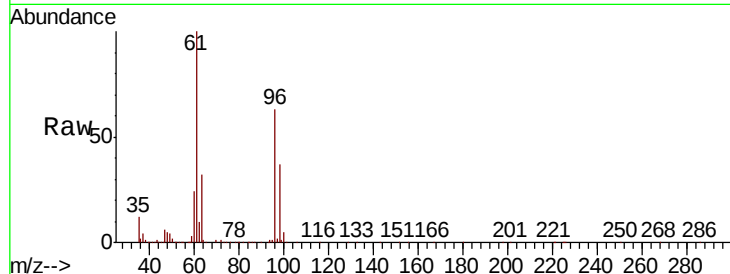


#31

cis-1,2-Dichloroethene
 Concen: 9.079 ppbv
 RT: 5.56 min Scan# 863
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Instrument :
 MSVOA_L
 ClientSampled :

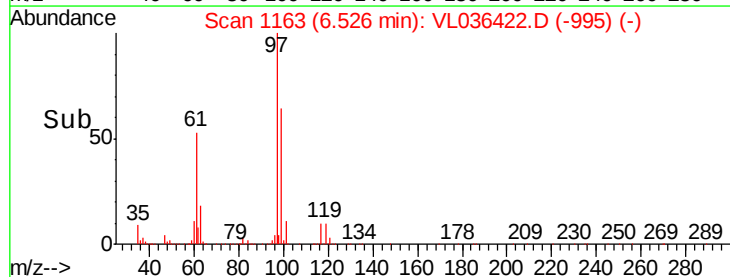
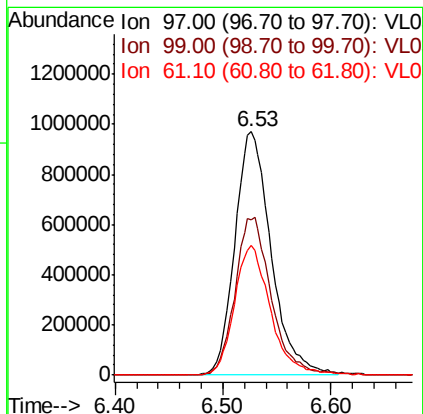
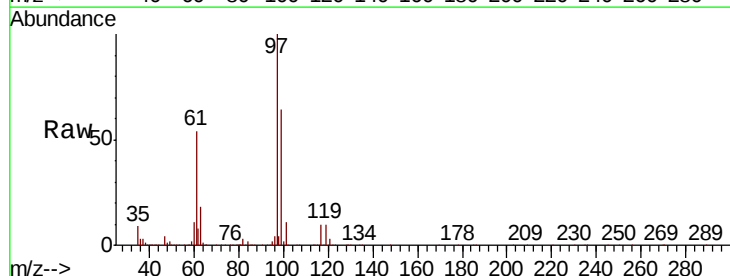
Tot Ion: 61 Resp: 1478122
 Ion Ratio Lower Upper
 61 100
 96 62.6 46.0 69.0
 98 37.5 31.9 47.9

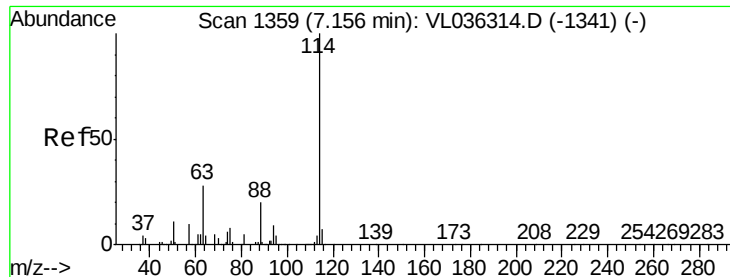


#32

1,1,1-Trichloroethane
 Concen: 9.177 ppbv
 RT: 6.53 min Scan# 1163
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion: 97 Resp: 2274162
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.2 78.4
 61 53.1 43.3 64.9

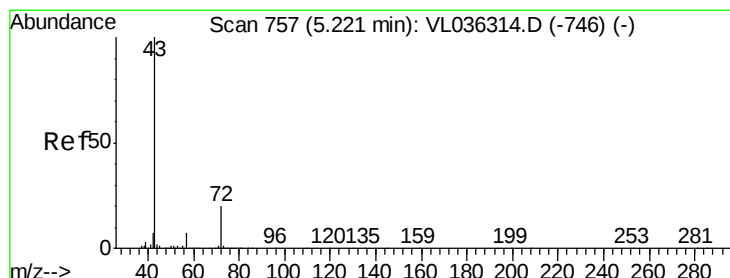
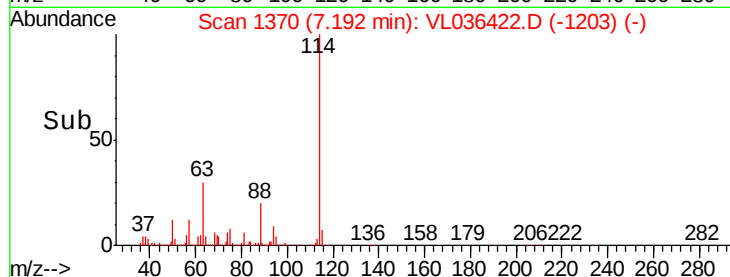
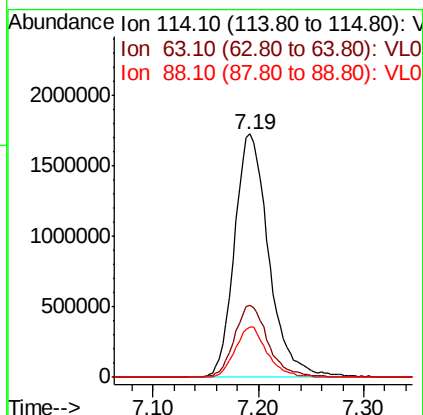
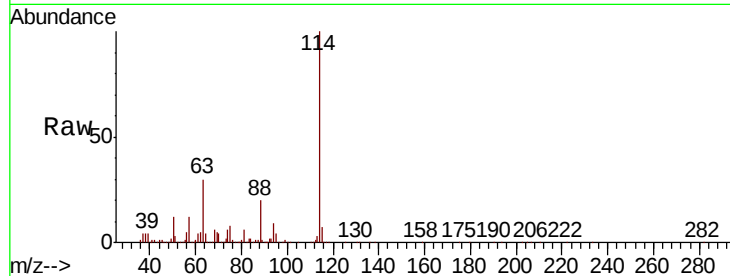




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

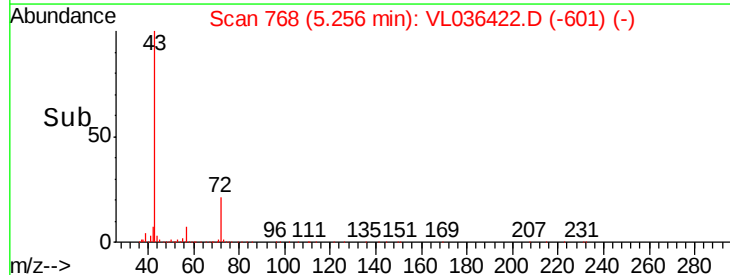
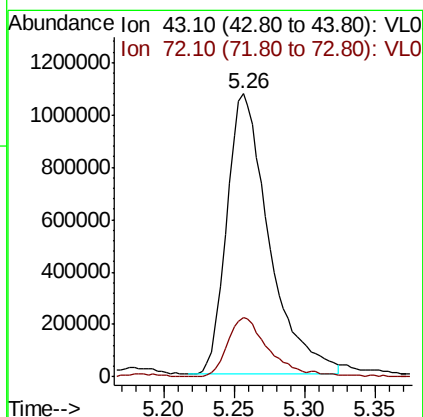
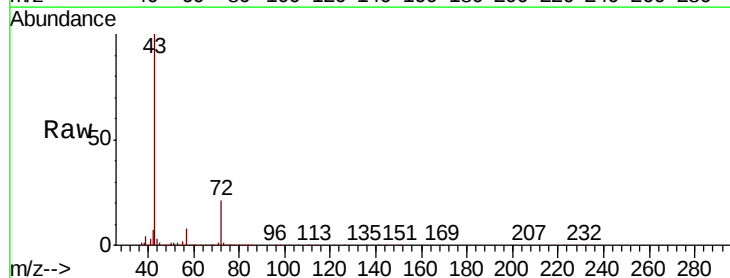
Instrument :
 MSVOA_L
 ClientSampleId :

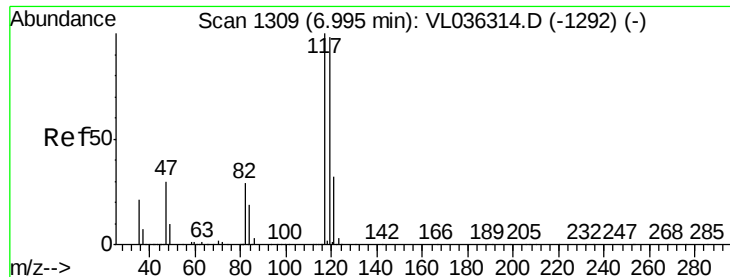
Tot Ion:114 Resp: 3880684
 Ion Ratio Lower Upper
 114 100
 63 29.7 24.1 36.1
 88 19.8 16.0 24.0



#34
 2-Butanone
 Concen: 8.734 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion: 43 Resp: 2251967
 Ion Ratio Lower Upper
 43 100
 72 21.1 16.7 25.1





#35

Carbon Tetrachloride

Concen: 8.970 ppbv

RT: 7.03 min Scan# 1320

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

ClientSampleId :

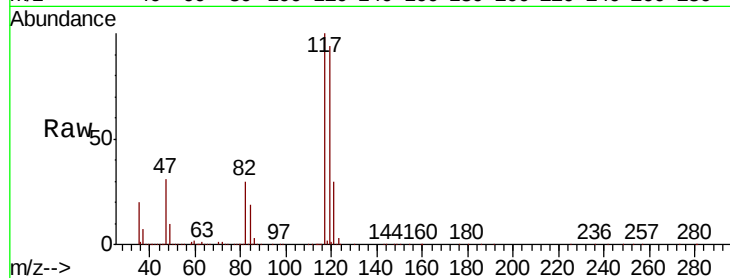
Tot Ion:117 Resp: 2333050

Ion Ratio Lower Upper

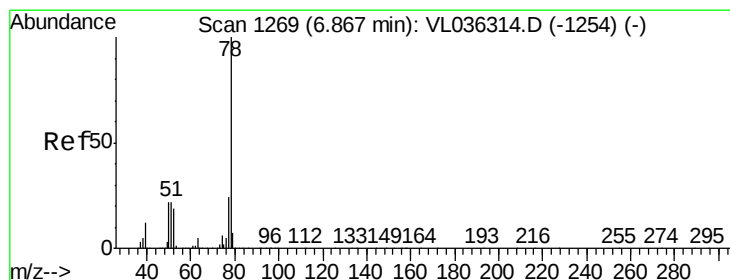
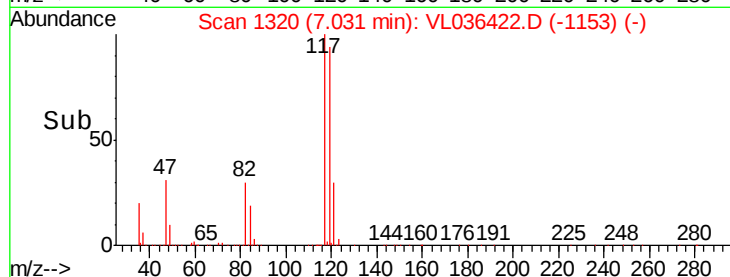
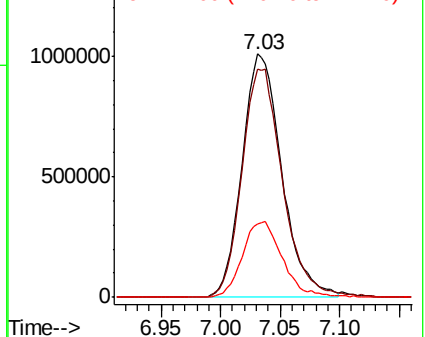
117 100

119 93.9 78.1 117.1

121 30.1 25.8 38.8



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



#36

Benzene

Concen: 9.272 ppbv

RT: 6.91 min Scan# 1281

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

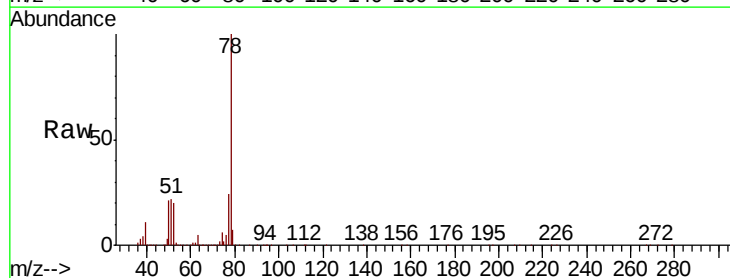
Tgt Ion: 78 Resp: 3056383

Ion Ratio Lower Upper

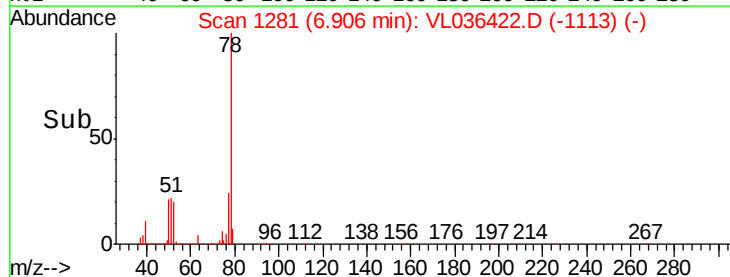
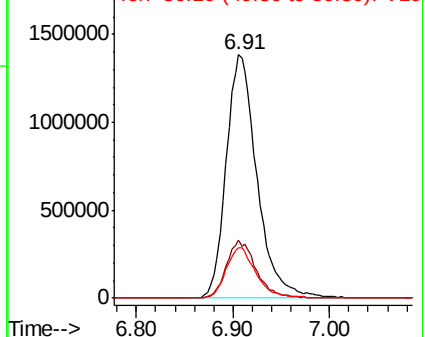
78 100

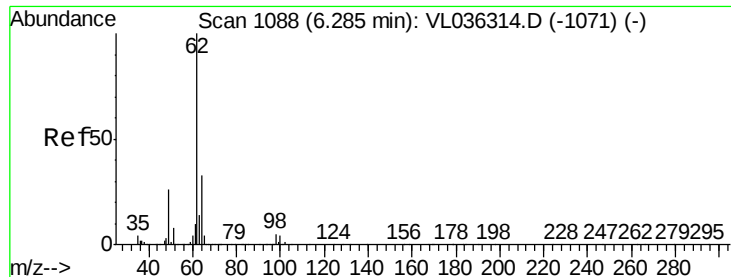
77 23.6 18.9 28.3

50 20.6 17.3 25.9



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

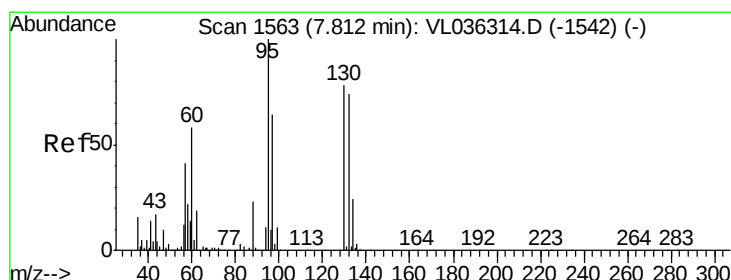
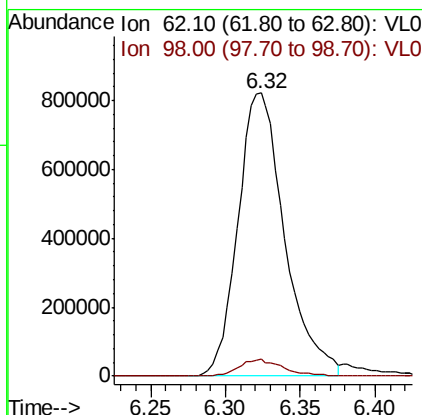
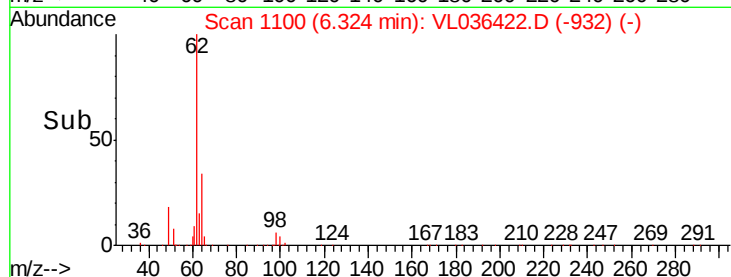
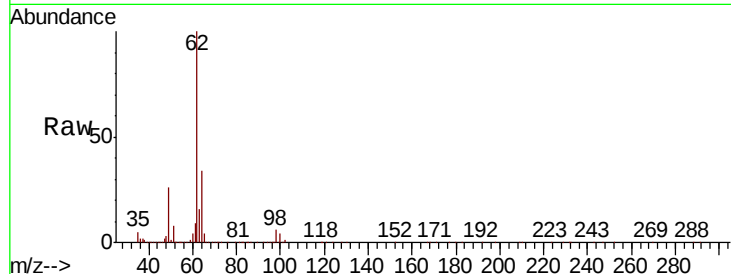




#37
 1,2-Dichloroethane
 Concen: 8.742 ppbv
 RT: 6.32 min Scan# 1100
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

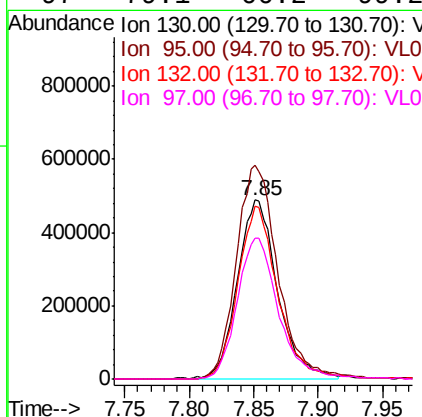
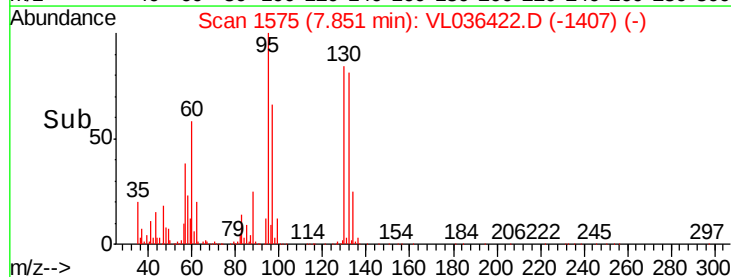
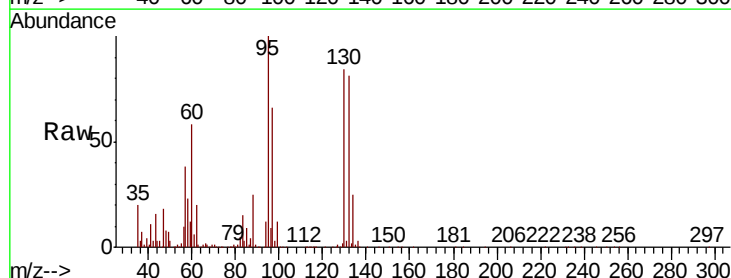
Instrument :
 MSVOA_L
 ClientSampleId :

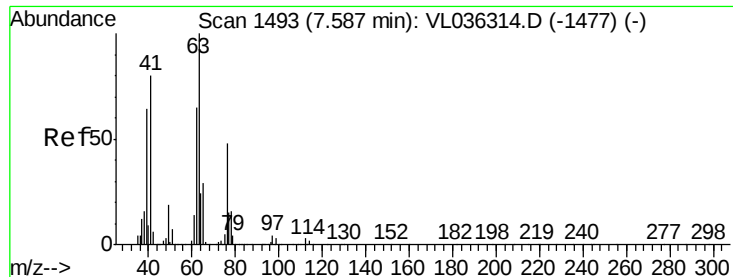
Tot Ion: 62 Resp: 1781838
 Ion Ratio Lower Upper
 62 100
 98 5.8 4.5 6.7



#38
 Trichloroethene
 Concen: 8.899 ppbv
 RT: 7.85 min Scan# 1575
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion: 130 Resp: 1050883
 Ion Ratio Lower Upper
 130 100
 95 119.9 102.8 154.2
 132 96.5 75.7 113.5
 97 79.1 66.2 99.2

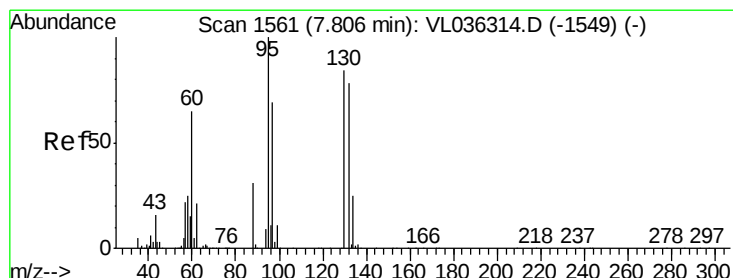
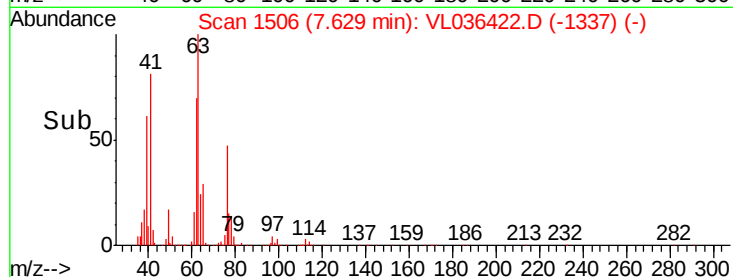
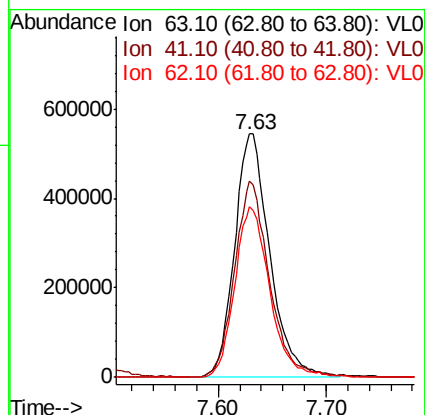
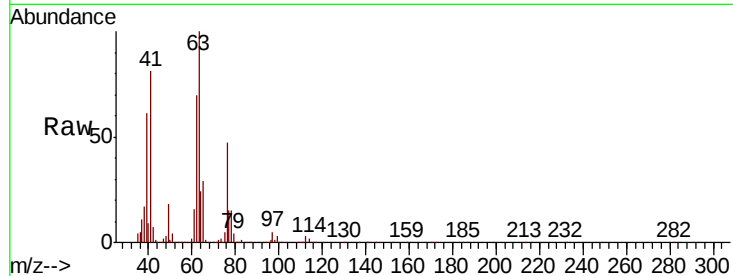




#39
 1,2-Dichloropropane
 Concen: 9.230 ppbv
 RT: 7.63 min Scan# 1506
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

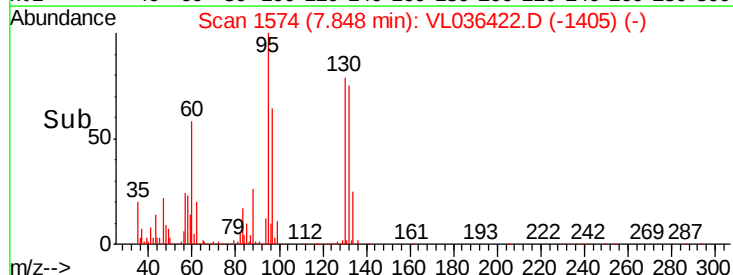
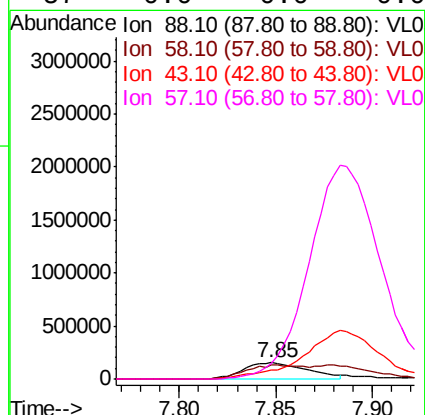
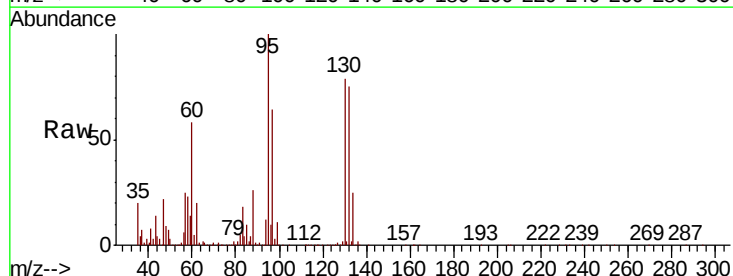
Instrument :
 MSVOA_L
 ClientSampleId :

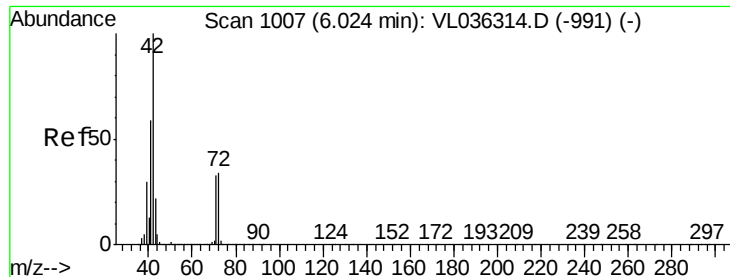
Tot Ion: 63 Resp: 1236023
 Ion Ratio Lower Upper
 63 100
 41 80.7 63.8 95.6
 62 70.3 52.3 78.5



#40
 1,4-Dioxane
 Concen: 7.469 ppbv
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion: 88 Resp: 346552
 Ion Ratio Lower Upper
 88 100
 58 0.0 45.0 67.4#
 43 0.0 0.0 0.0
 57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 9.372 ppbv

RT: 6.06 min Scan# 1018

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

ClientSampled :

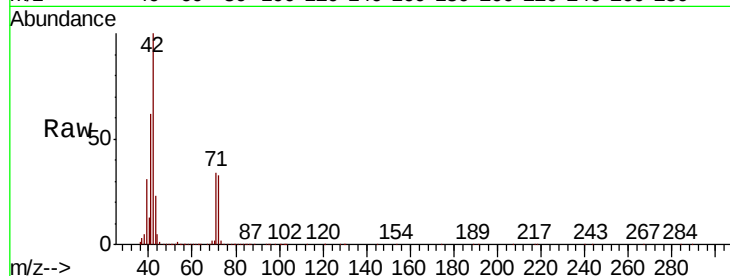
Tot Ion: 42 Resp: 1348575

Ion Ratio Lower Upper

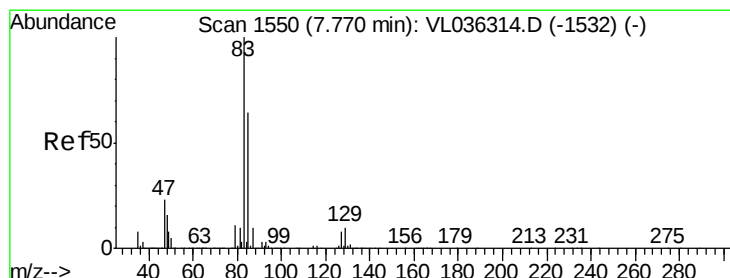
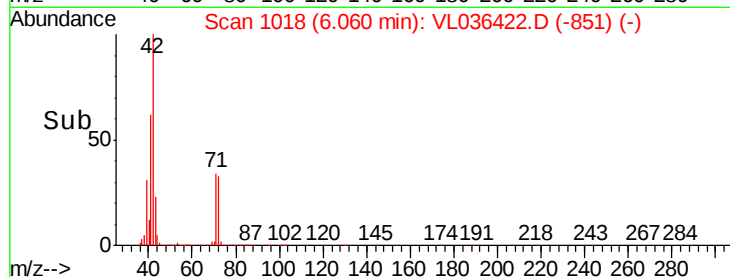
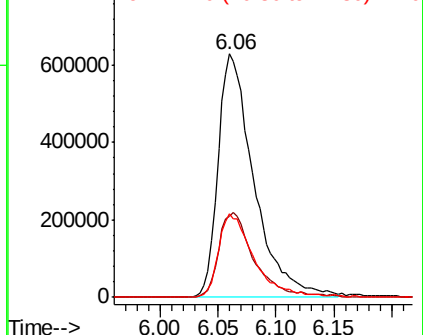
42 100

72 34.9 29.3 43.9

71 34.2 27.8 41.8



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 9.222 ppbv

RT: 7.81 min Scan# 1562

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

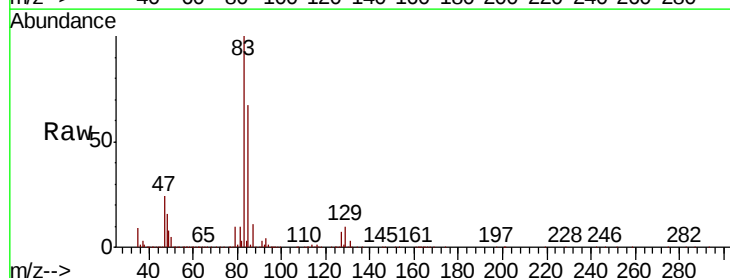
Tgt Ion: 83 Resp: 2517378

Ion Ratio Lower Upper

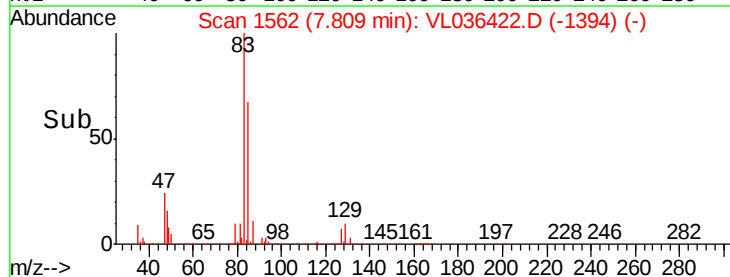
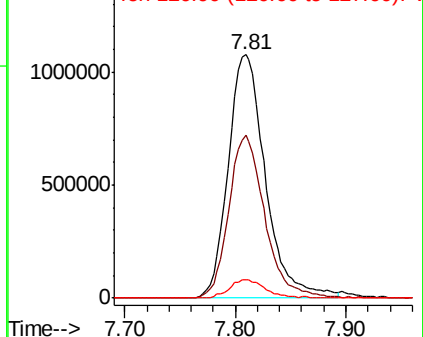
83 100

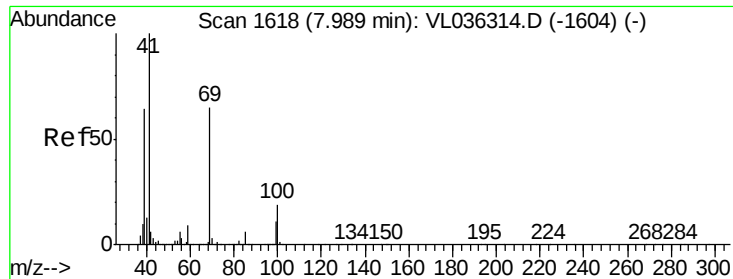
85 66.9 51.1 76.7

127 7.3 6.3 9.5



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V

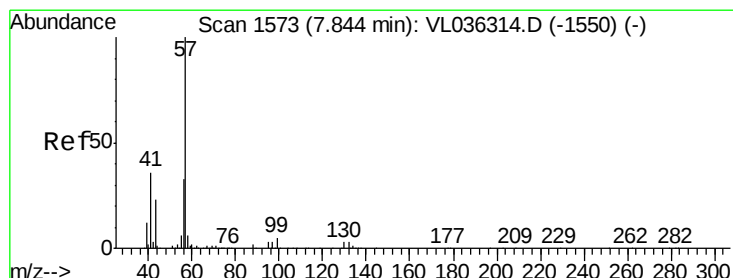
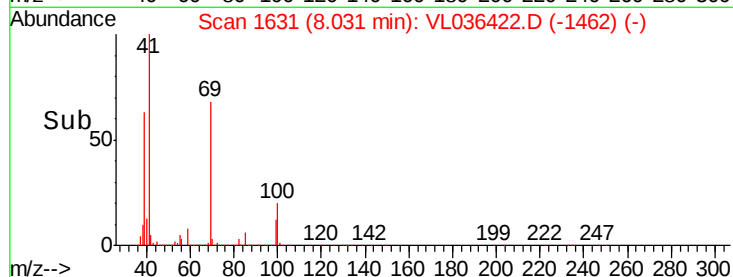
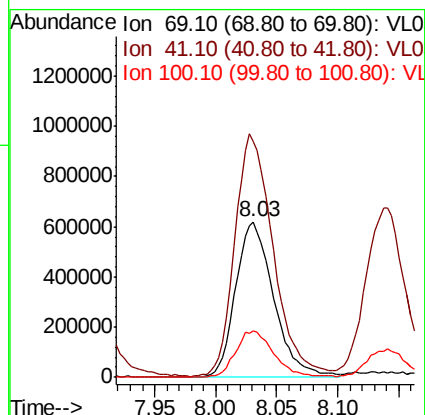
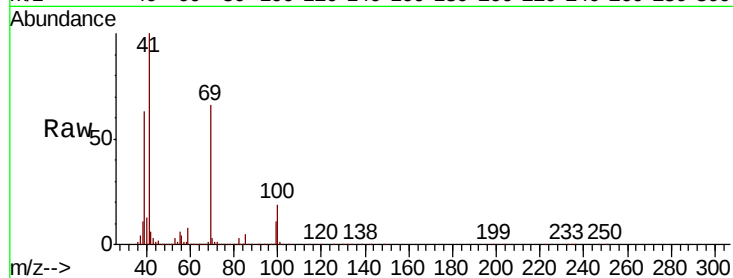




#43
Methvl Methacrvlate
Concen: 9.648 ppbv
RT: 8.03 min Scan# 1631
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

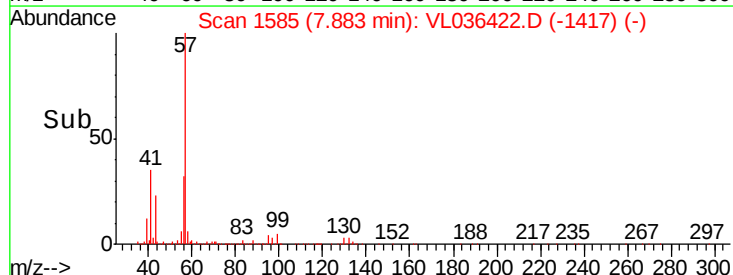
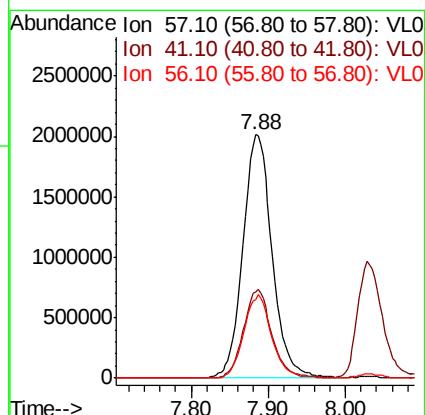
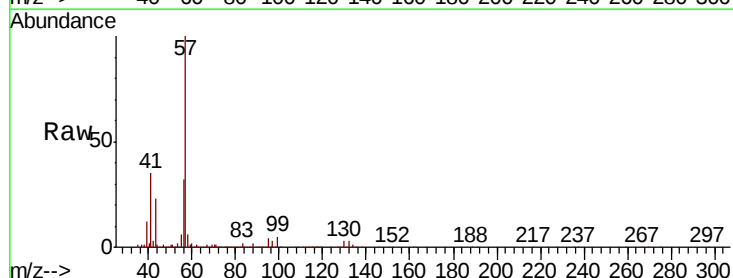
Instrument :
MSVOA_L
ClientSampleId :

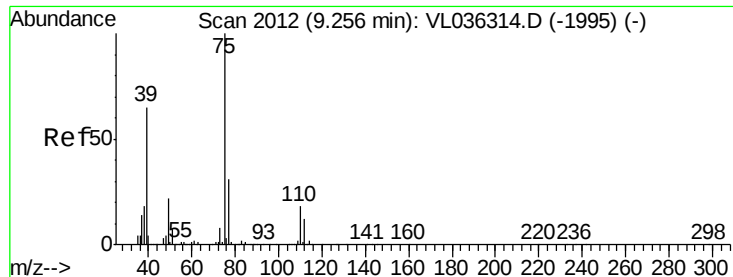
Tot Ion: 69 Resp: 1341341
Ion Ratio Lower Upper
69 100
41 158.4 126.5 189.7
100 30.2 23.1 34.7



#44
2,2,4-Trimethylpentane
Concen: 8.827 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion: 57 Resp: 5290878
Ion Ratio Lower Upper
57 100
41 35.1 28.8 43.2
56 32.6 25.8 38.6

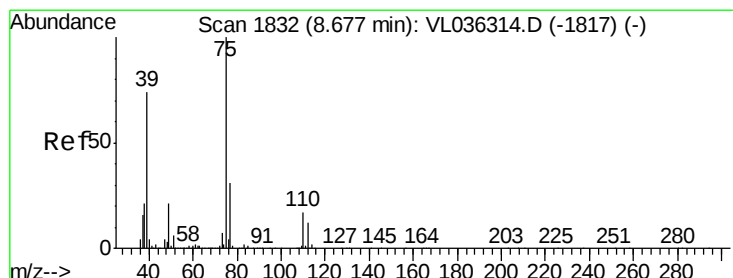
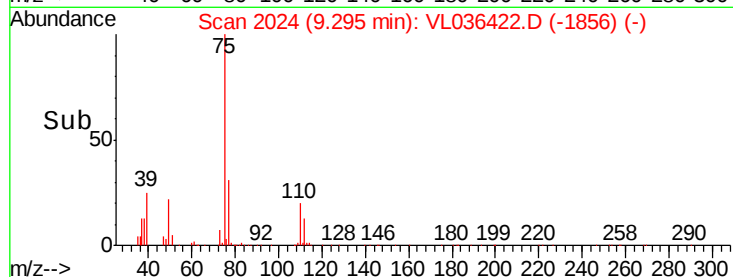
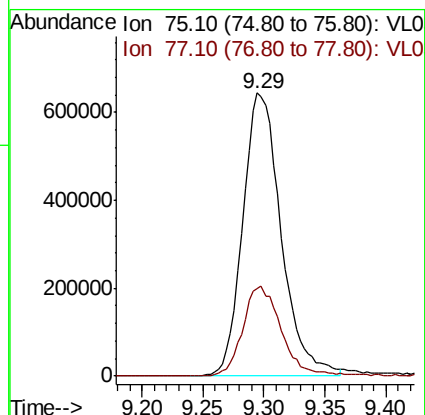
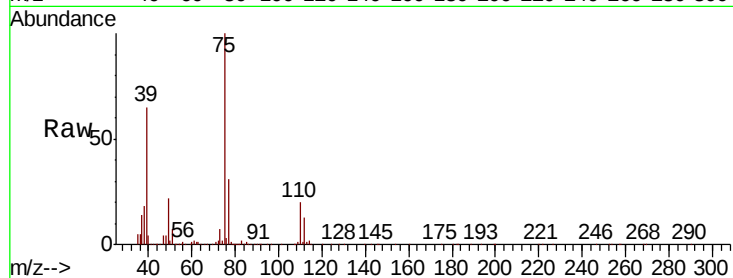




#45
 t-1,3-Dichloropropene
 Concen: 10.422 ppbv
 RT: 9.29 min Scan# 2024
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

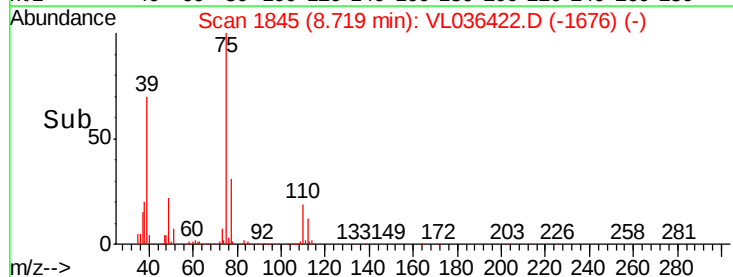
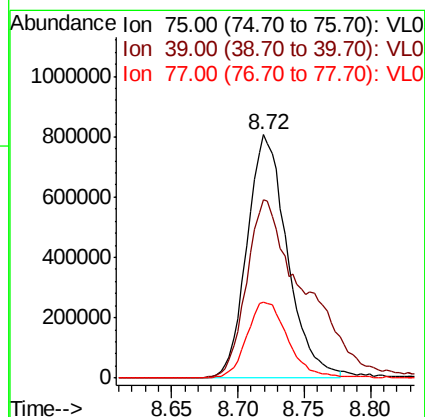
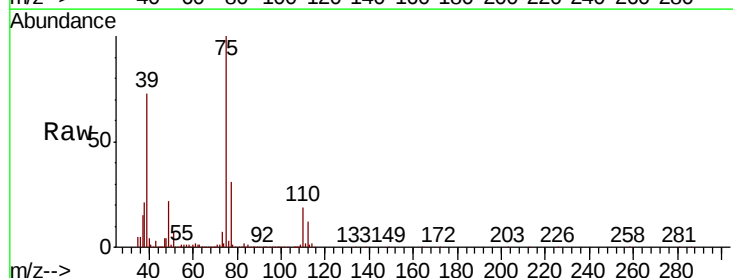
Instrument :
 MSVOA_L
 ClientSampleId :

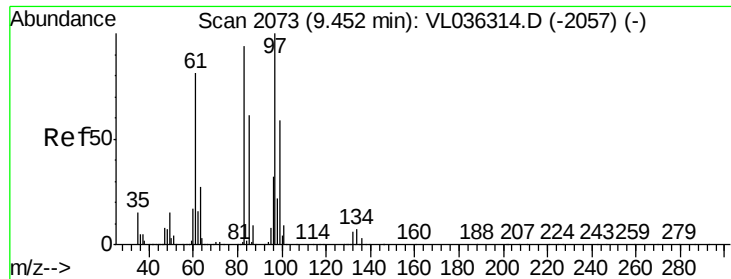
Tot Ion: 75 Resp: 1397681
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 37.0



#46
 cis-1,3-Dichloropropene
 Concen: 10.020 ppbv
 RT: 8.72 min Scan# 1845
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion: 75 Resp: 1707039
 Ion Ratio Lower Upper
 75 100
 39 73.0 59.2 88.8
 77 31.0 25.0 37.6



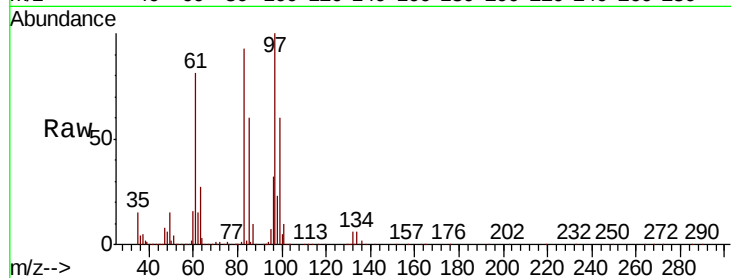


#47
 1,1,2-Trichloroethane
 Concen: 8.673 ppbv
 RT: 9.50 min Scan# 2087
 Delta R.T. 0.05 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 97 Resp: 1188613

Ion	Ratio	Lower	Upper
97	100		
83	92.7	75.4	113.0
85	59.8	48.9	73.3
99	59.9	46.9	70.3



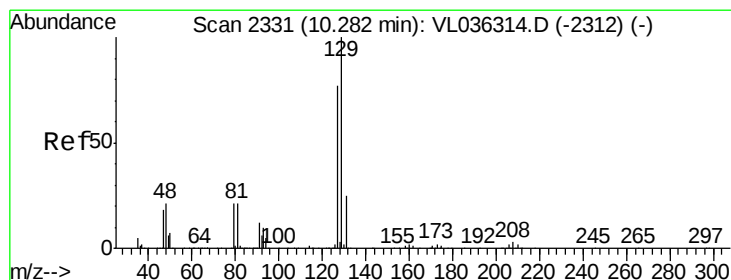
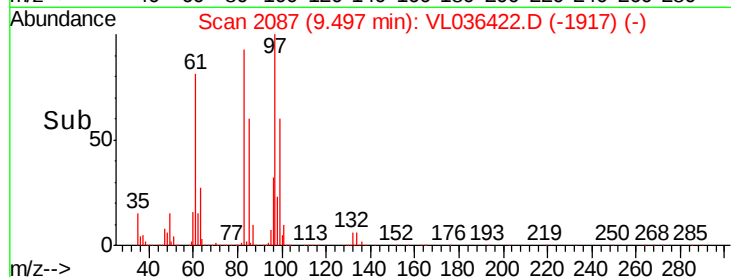
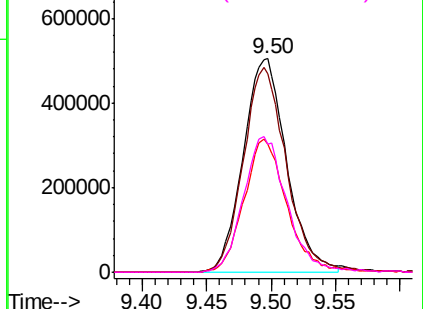
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

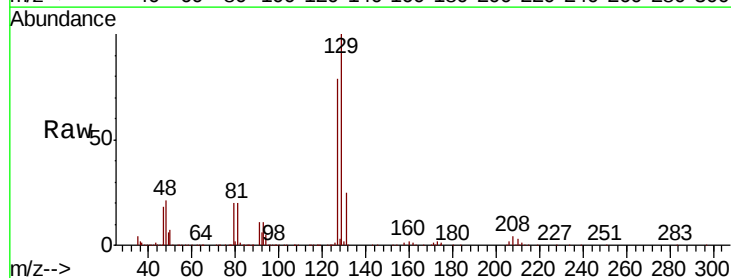
Ion 99.00 (98.70 to 99.70): VL0



#48
 Dibromochloromethane
 Concen: 9.601 ppbv
 RT: 10.32 min Scan# 2344
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion: 129 Resp: 1963473

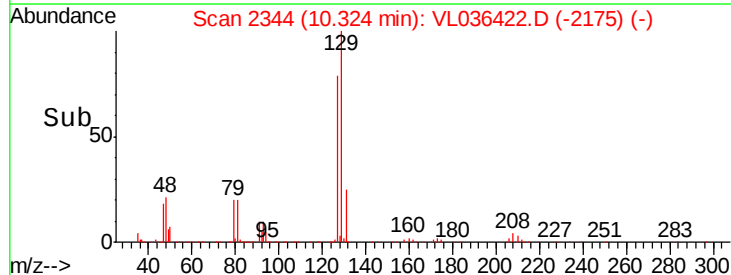
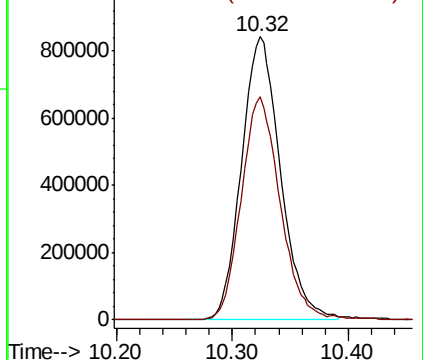
Ion	Ratio	Lower	Upper
129	100		
127	79.7	39.1	117.2

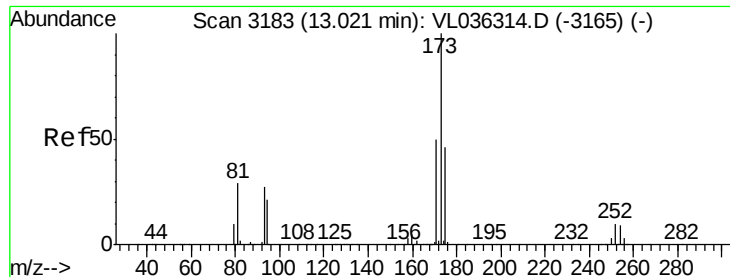


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.567 ppbv

RT: 13.06 min Scan# 3196

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

ClientSampleId :

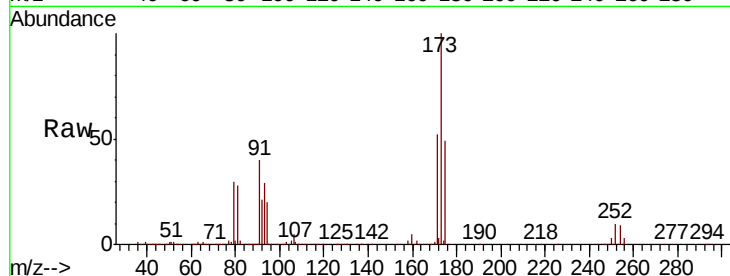
Tot Ion:173 Resp: 1581535

Ion Ratio Lower Upper

173 100

175 50.3 40.2 60.2

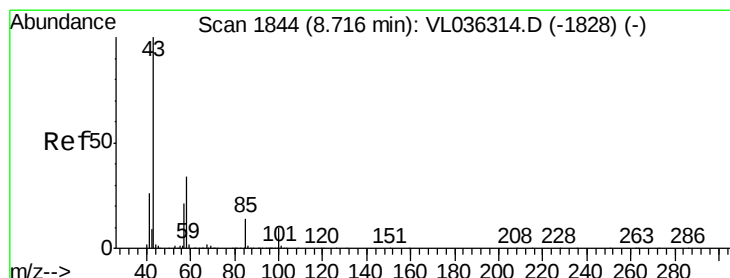
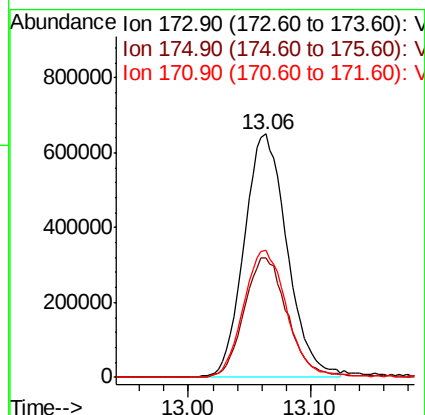
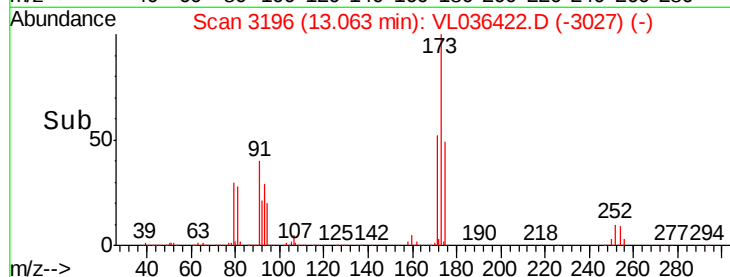
171 53.7 43.4 65.2



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 9.159 ppbv

RT: 8.76 min Scan# 1857

Delta R.T. 0.04 min

Lab File: VL036422.D

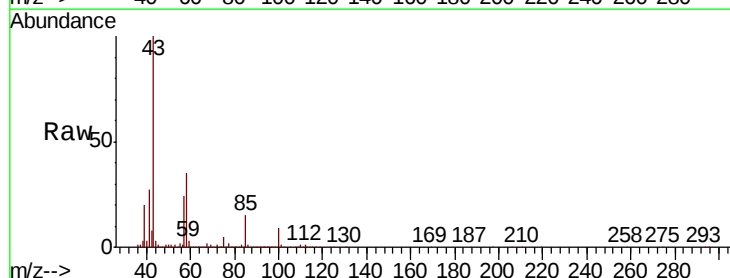
Acq: 1 Mar 2021 19:46

Tgt Ion: 43 Resp: 3505996

Ion Ratio Lower Upper

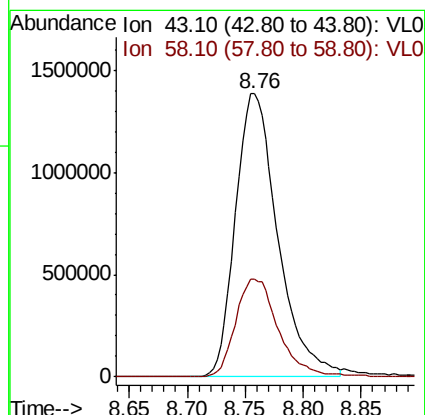
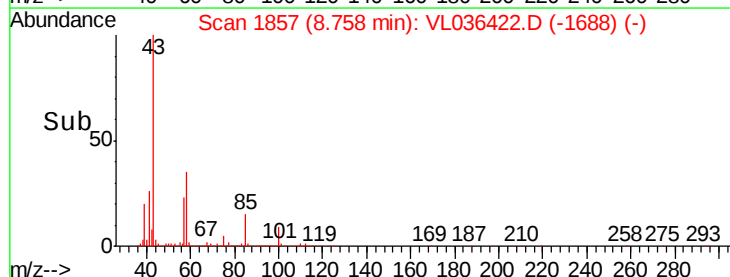
43 100

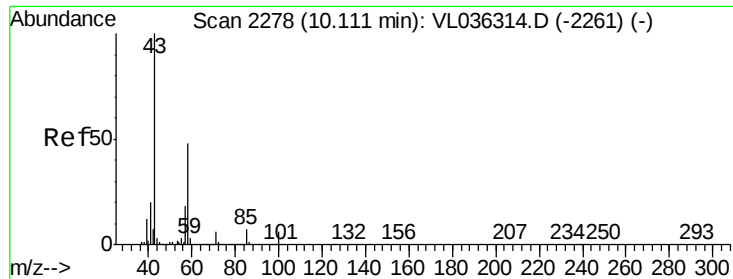
58 35.3 27.8 41.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

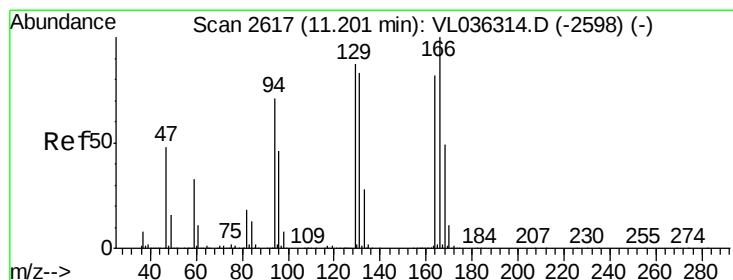
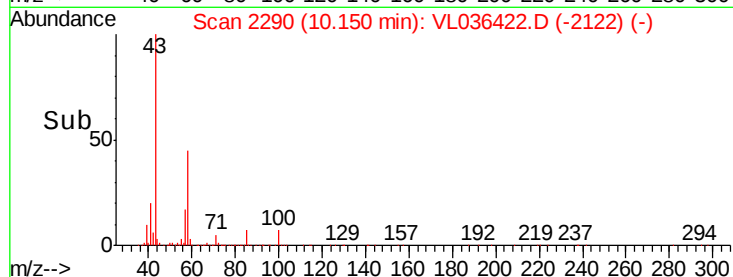
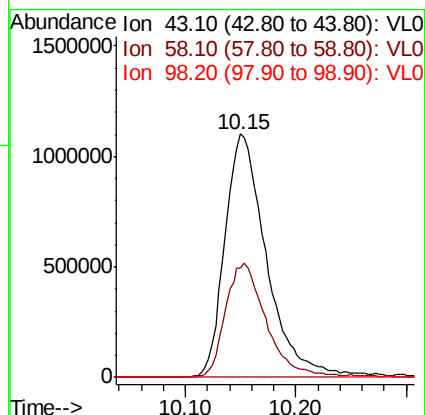
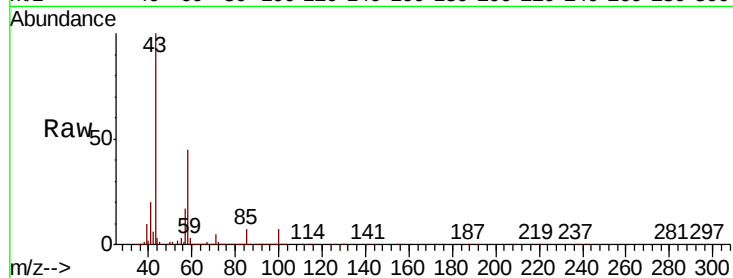




#51
2-Hexanone
Concen: 9.805 ppbv
RT: 10.15 min Scan# 2290
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

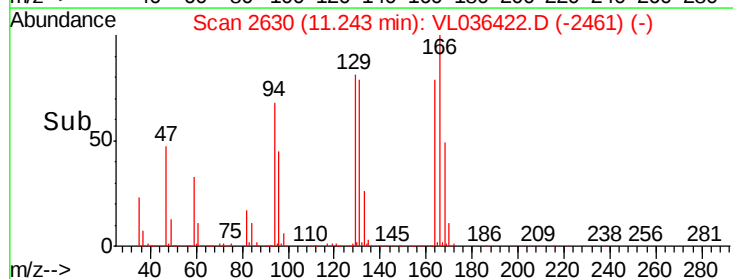
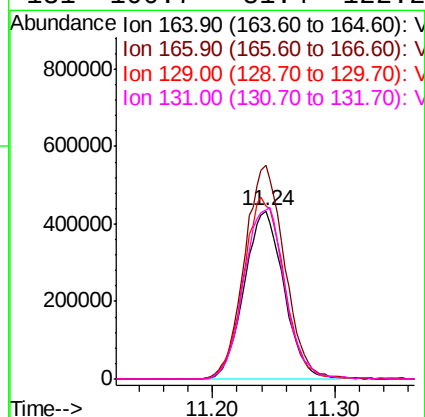
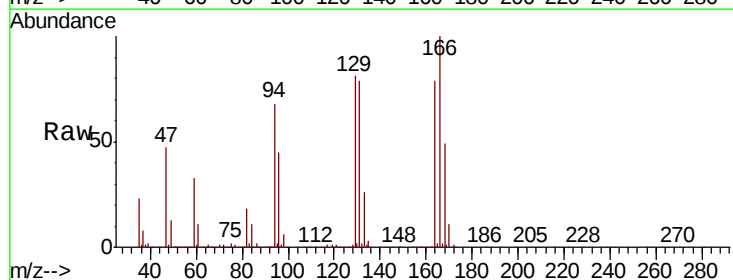
Instrument :
MSVOA_L
ClientSampled :

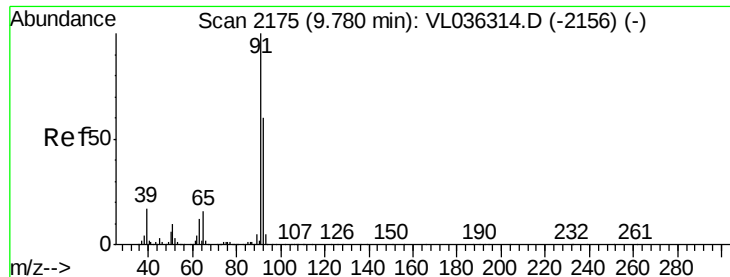
Tot Ion: 43 Resp: 2851774
Ion Ratio Lower Upper
43 100
58 47.0 38.7 58.1
98 0.5 0.4 0.6



#52
Tetrachloroethene
Concen: 8.029 ppbv
RT: 11.24 min Scan# 2630
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion:164 Resp: 969002
Ion Ratio Lower Upper
164 100
166 126.8 97.8 146.8
129 102.5 84.9 127.3
131 100.7 81.4 122.2





#53

Toluene

Concen: 9.436 ppbv

RT: 9.83 min Scan# 2189

Delta R.T. 0.05 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

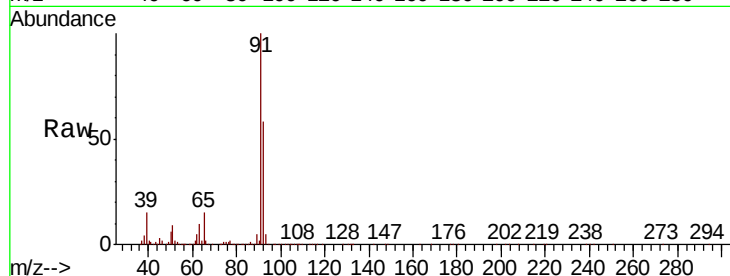
ClientSampleId :

Tot Ion: 91 Resp: 3369106

Ion Ratio Lower Upper

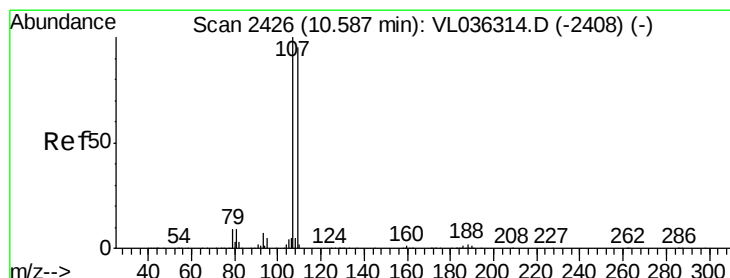
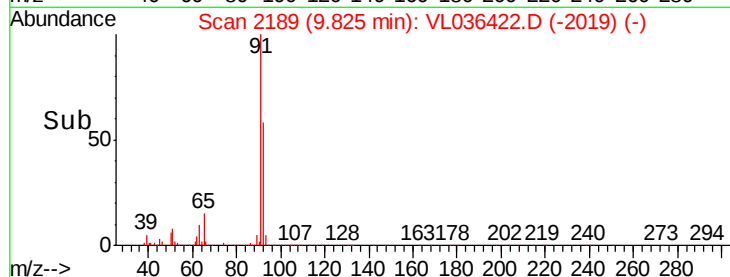
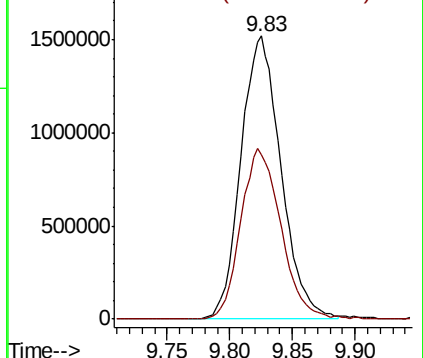
91 100

92 60.9 48.6 72.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 8.869 ppbv

RT: 10.63 min Scan# 2440

Delta R.T. 0.05 min

Lab File: VL036422.D

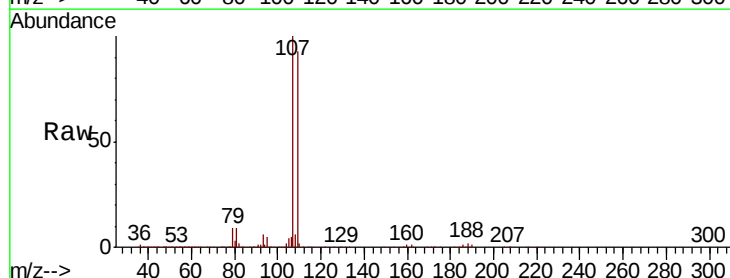
Acq: 1 Mar 2021 19:46

Tgt Ion:107 Resp: 1756486

Ion Ratio Lower Upper

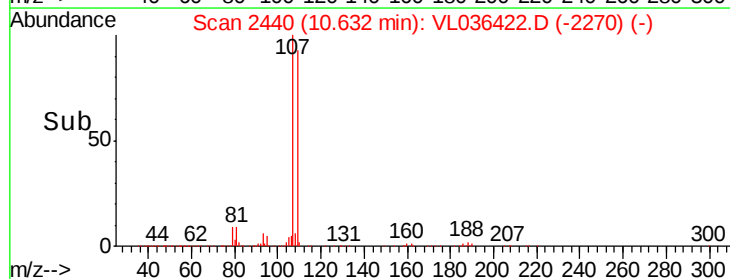
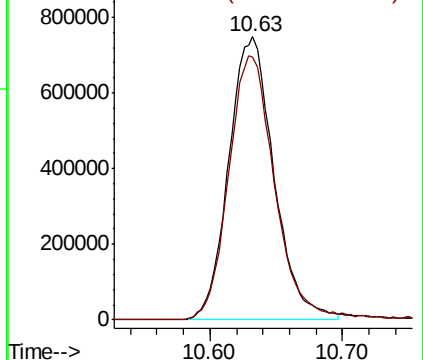
107 100

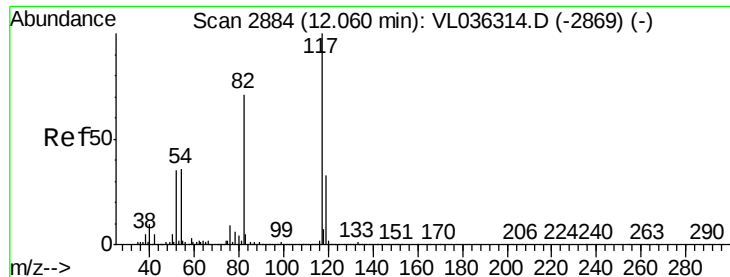
109 92.4 76.0 114.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

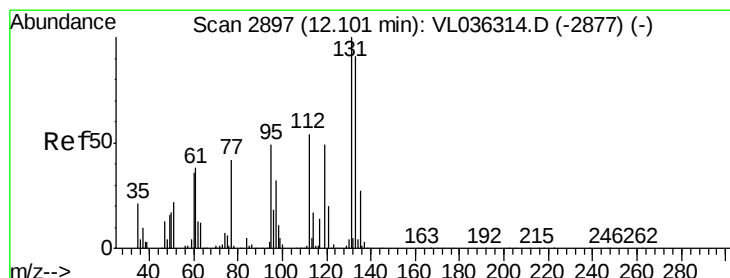
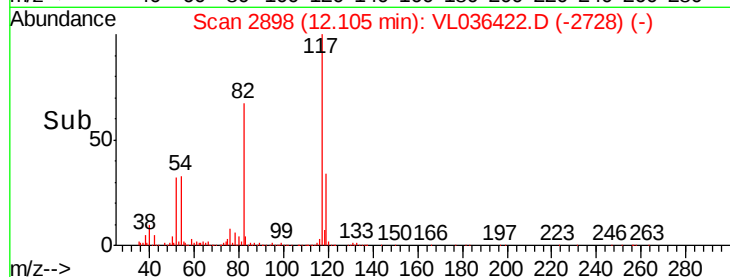
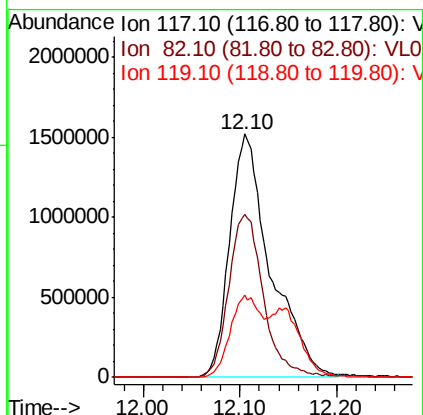
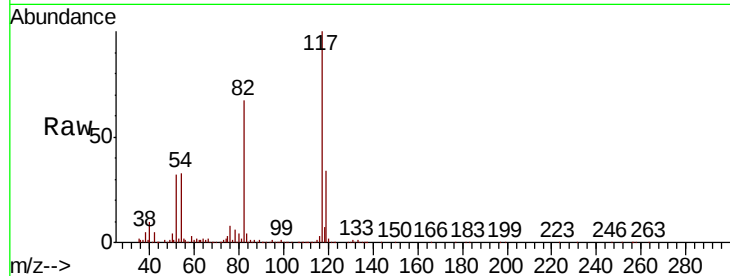




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. 0.05 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

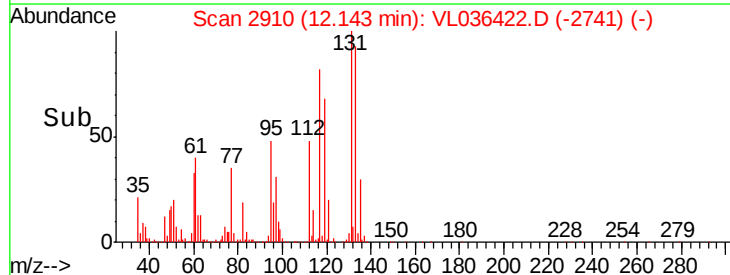
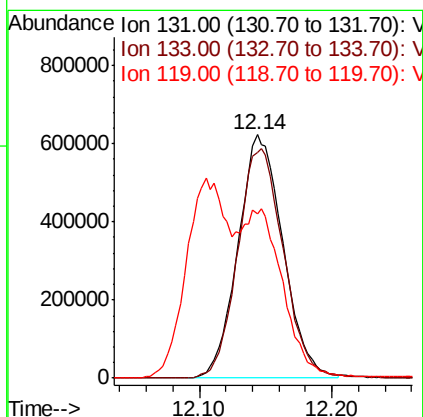
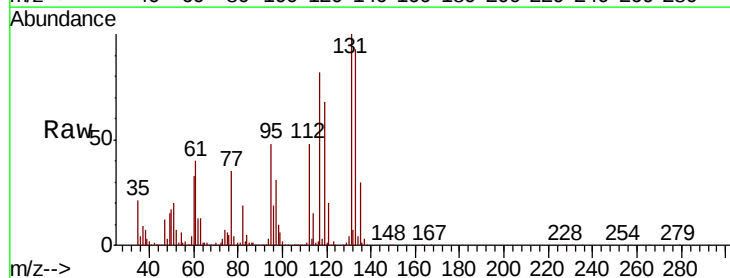
Instrument :
MSVOA_L
ClientSampleId :

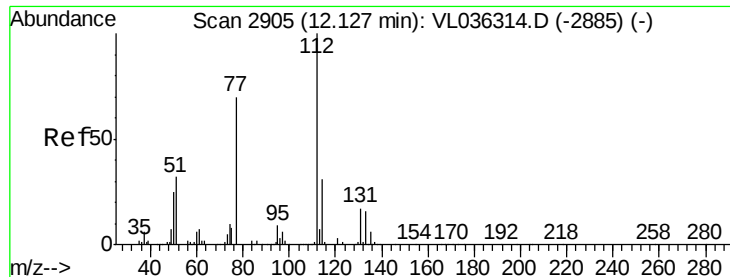
Tot Ion:117 Resp: 4475142
Ion Ratio Lower Upper
117 100
82 57.5 59.1 88.7#
119 26.0 46.3 69.5#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.109 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion:131 Resp: 1463375
Ion Ratio Lower Upper
131 100
133 96.7 76.0 114.0
119 64.7 115.1 172.7#





#57

Chlorobenzene

Concen: 6.976 ppbv

RT: 12.17 min Scan# 2918

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

ClientSampleId :

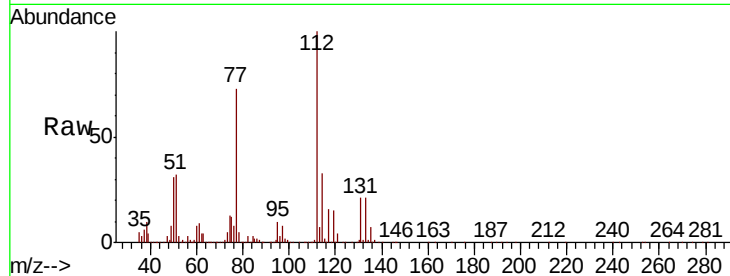
Tot Ion:112 Resp: 2412119

Ion Ratio Lower Upper

112 100

77 71.9 56.1 84.1

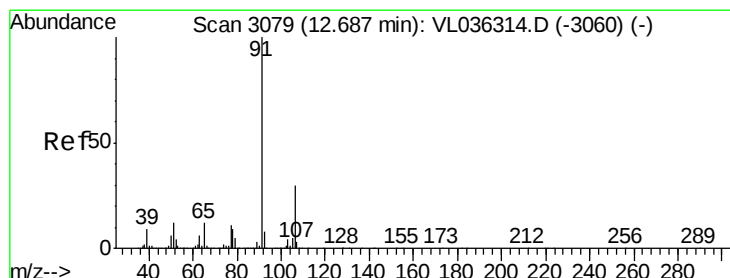
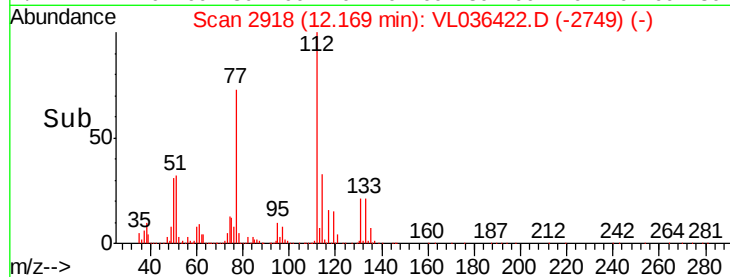
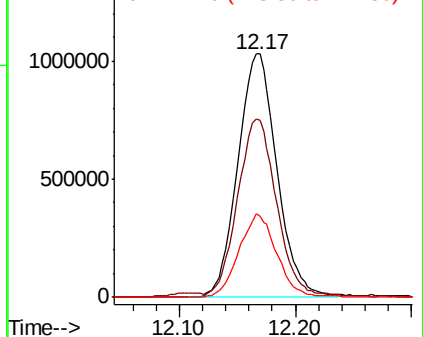
114 33.1 28.3 34.5



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 7.403 ppbv

RT: 12.73 min Scan# 3092

Delta R.T. 0.04 min

Lab File: VL036422.D

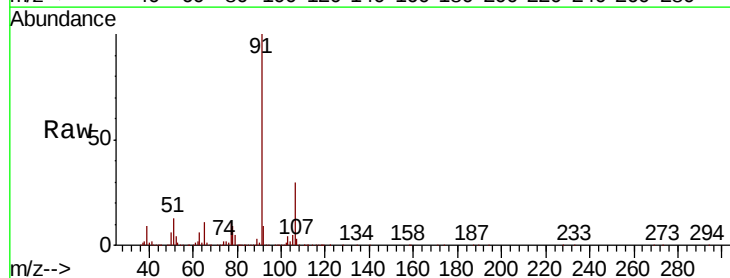
Acq: 1 Mar 2021 19:46

Tgt Ion: 91 Resp: 4536416

Ion Ratio Lower Upper

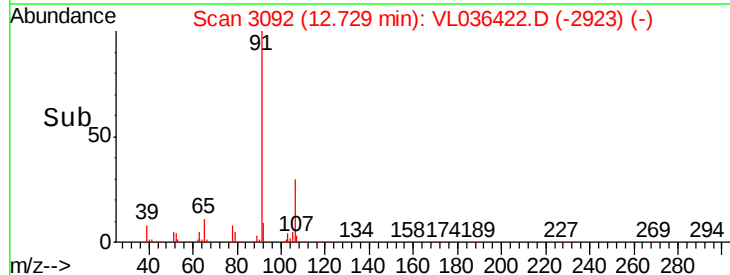
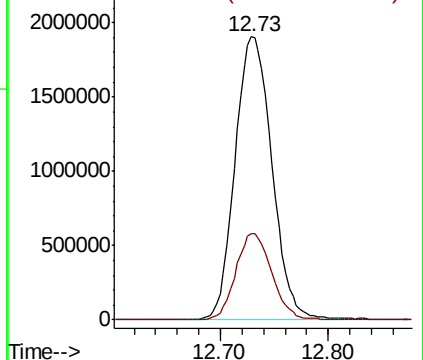
91 100

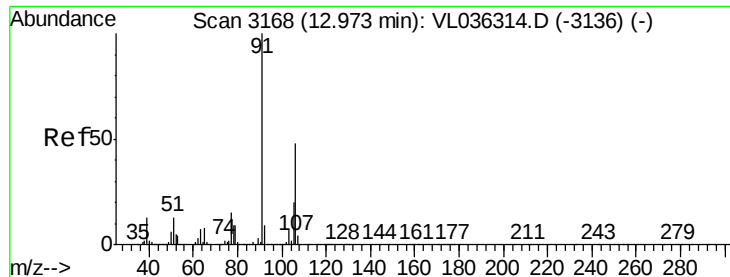
106 30.4 23.8 35.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

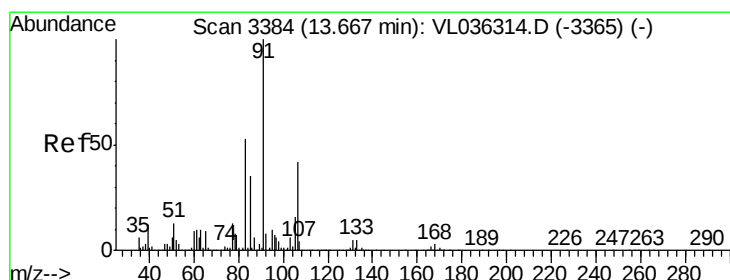
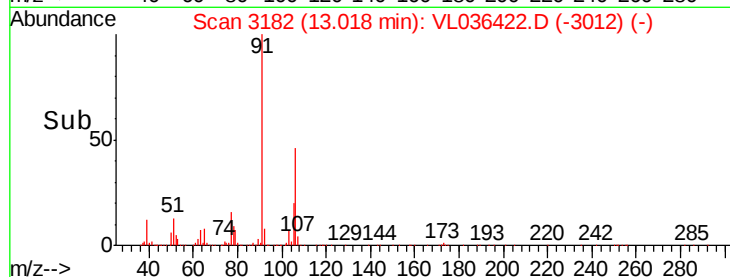
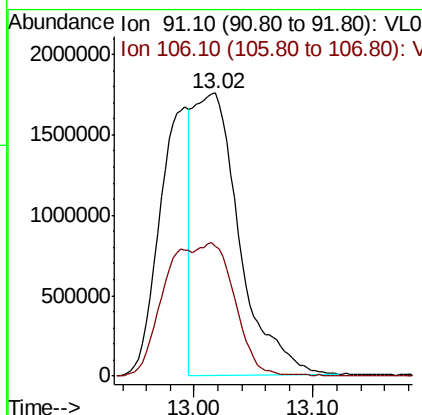
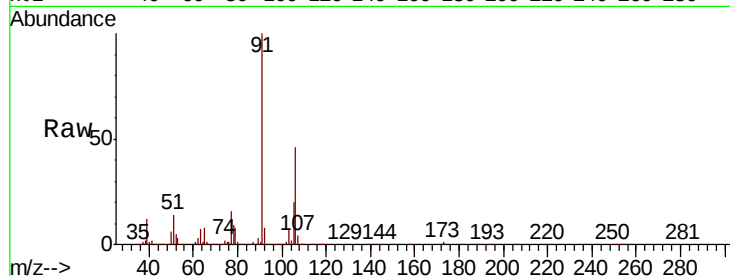




#59
m/p-Xylene
Concen: 8.726 ppbv
RT: 13.02 min Scan# 3182
Delta R.T. 0.05 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

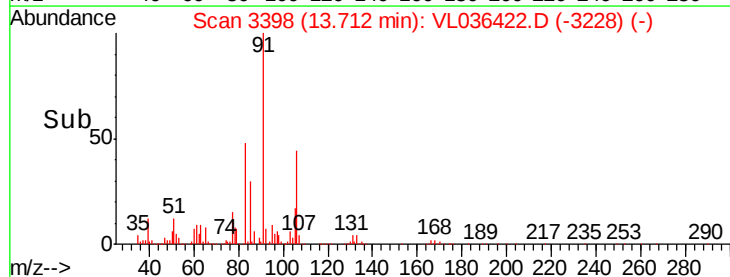
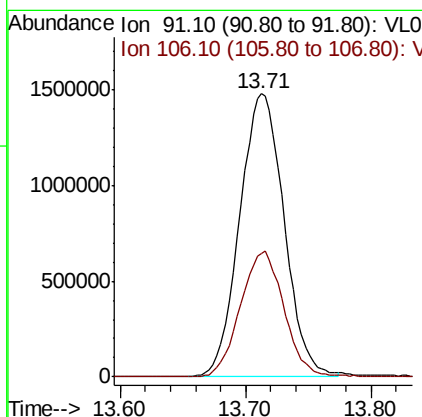
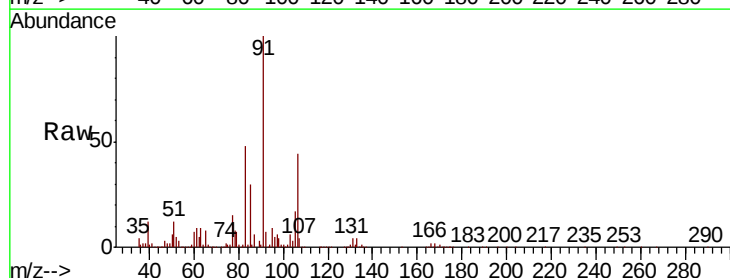
Instrument :
MSVOA_L
ClientSampleId :

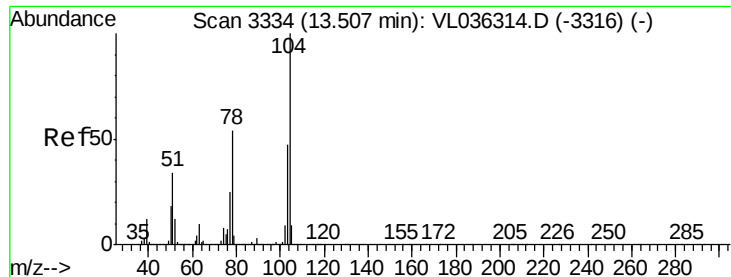
Tot Ion: 91 Resp: 4696590
Ion Ratio Lower Upper
91 100
106 71.2 34.2 51.2#



#60
o-Xylene
Concen: 7.040 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. 0.05 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion: 91 Resp: 3623132
Ion Ratio Lower Upper
91 100
106 43.9 22.0 66.0





#61

Stvrene

Concen: 7.927 ppbv

RT: 13.55 min Scan# 3347

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

ClientSampled :

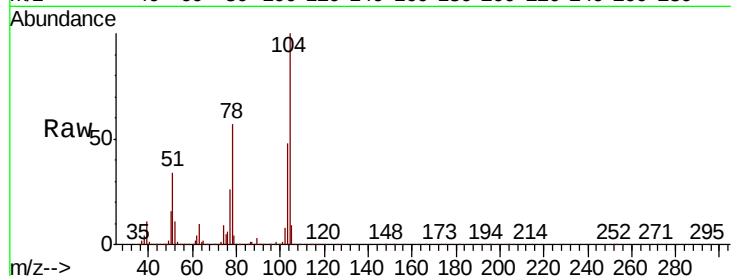
Tot Ion:104 Resp: 2528290

Ion Ratio Lower Upper

104 100

78 56.9 46.2 69.2

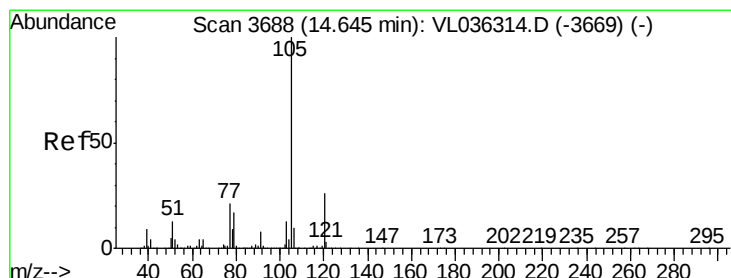
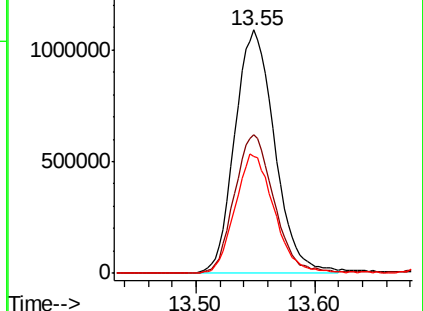
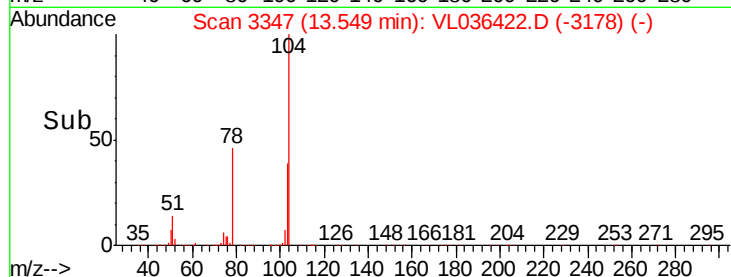
103 48.3 38.3 57.5



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: 6.866 ppbv

RT: 14.69 min Scan# 3702

Delta R.T. 0.05 min

Lab File: VL036422.D

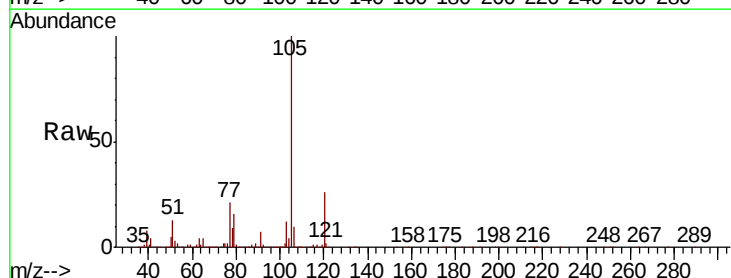
Acq: 1 Mar 2021 19:46

Tgt Ion:105 Resp: 5296444

Ion Ratio Lower Upper

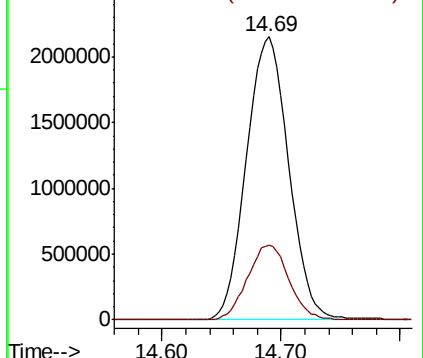
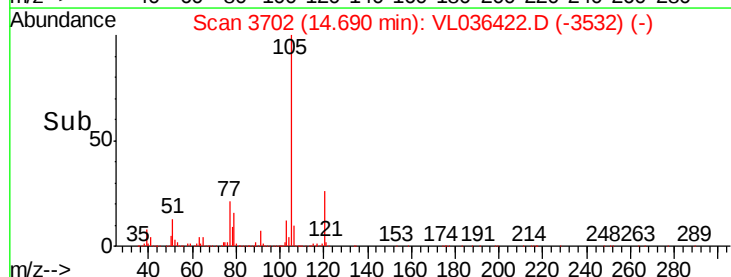
105 100

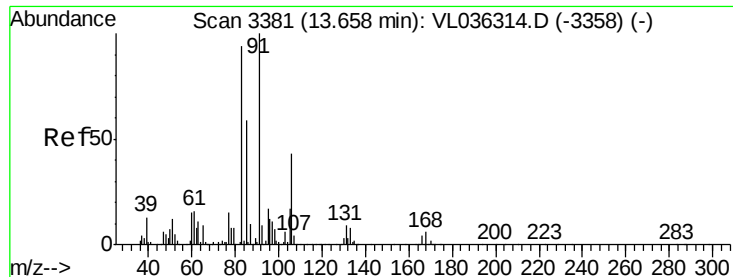
120 26.2 20.6 30.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

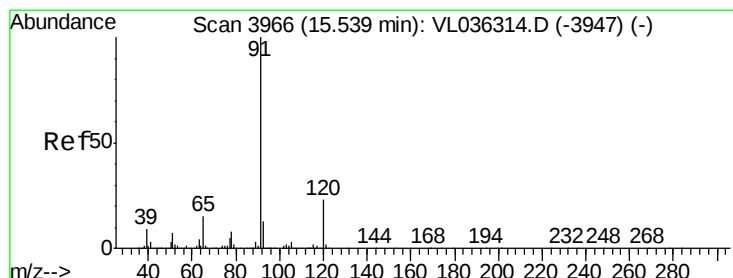
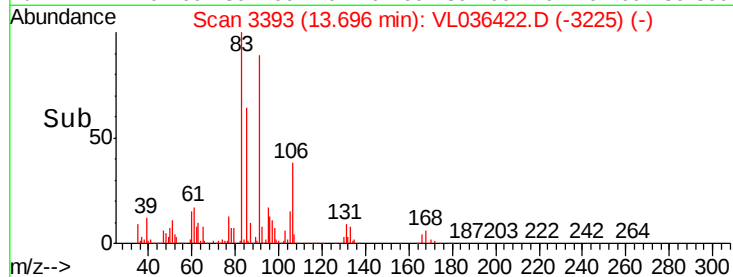
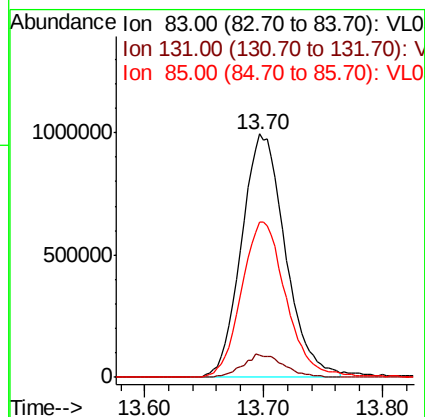
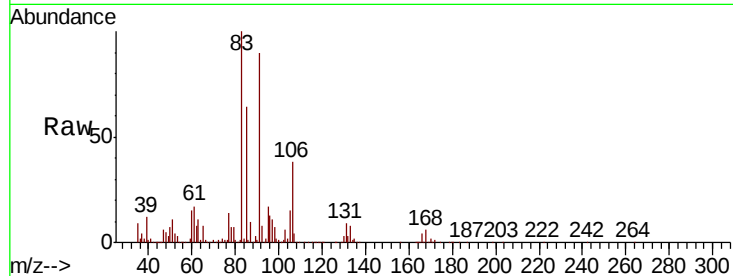




#63
 1,1,2,2-Tetrachloroethane
 Concen: 6.249 ppbv
 RT: 13.70 min Scan# 3393
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

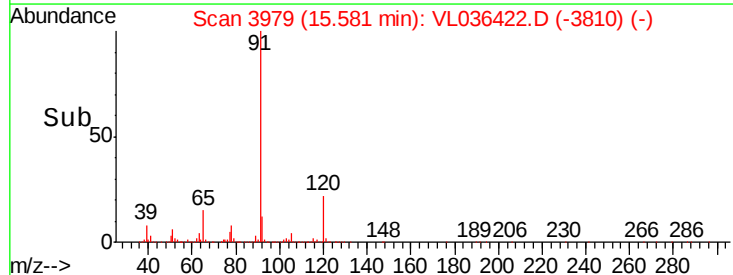
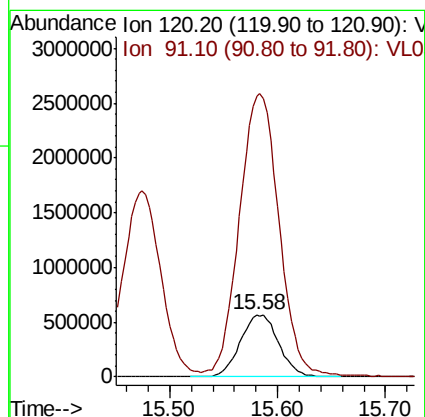
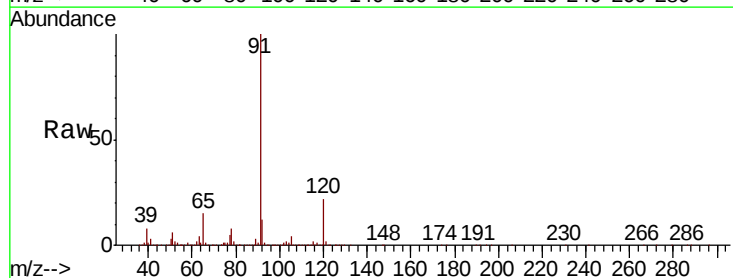
Instrument :
 MSVOA_L
 ClientSampled :

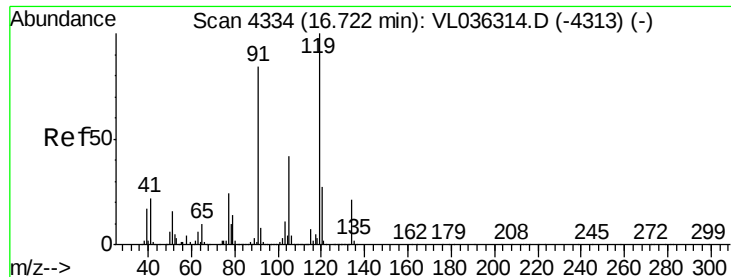
Tot Ion: 83 Resp: 2537415
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.7 14.0
 85 65.8 33.0 98.9



#64
 n-propylbenzene
 Concen: 7.368 ppbv
 RT: 15.58 min Scan# 3979
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion:120 Resp: 1398782
 Ion Ratio Lower Upper
 120 100
 91 475.3 387.2 580.8





#65

tert-Butylbenzene

Concen: 6.805 ppbv

RT: 16.77 min Scan# 4348

Delta R.T. 0.05 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

ClientSampled :

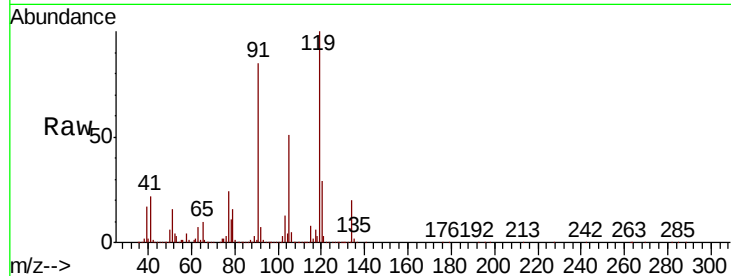
Tot Ion:119 Resp: 4491581

Ion Ratio Lower Upper

119 100

91 86.8 70.5 105.7

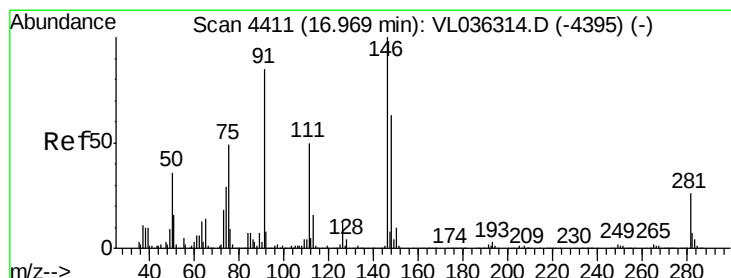
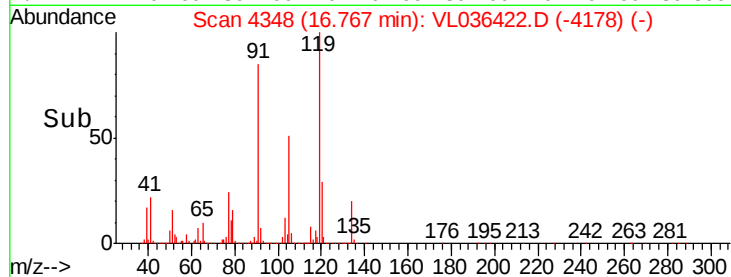
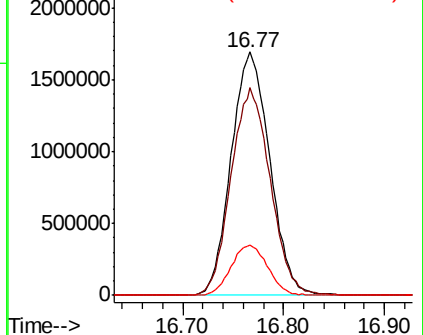
134 19.9 15.8 23.8



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: 8.463 ppbv

RT: 17.01 min Scan# 4423

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

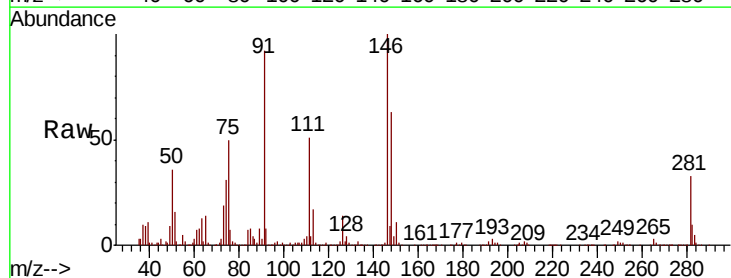
Tgt Ion: 91 Resp: 1518558

Ion Ratio Lower Upper

91 100

126 15.8 12.9 19.3

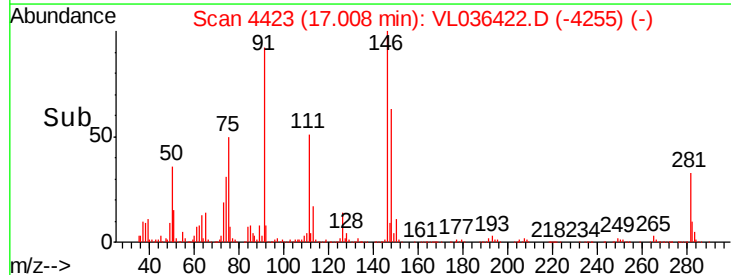
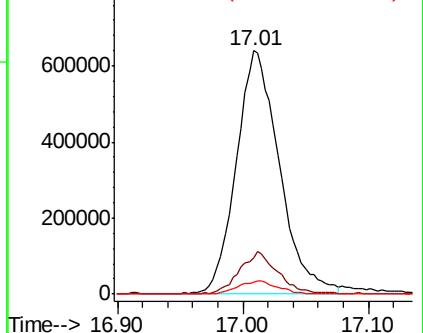
128 5.2 4.2 6.2

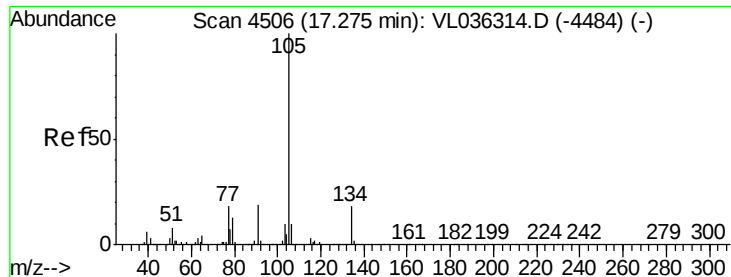


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 6.786 ppbv

RT: 17.32 min Scan# 4519

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

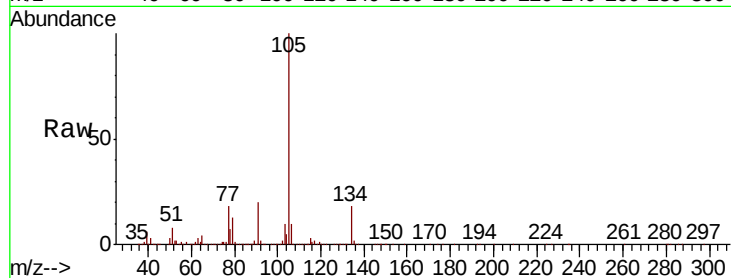
ClientSampleId :

Tot Ion:105 Resp: 6459684

Ion Ratio Lower Upper

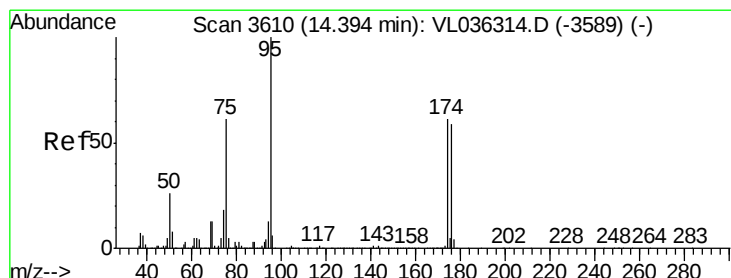
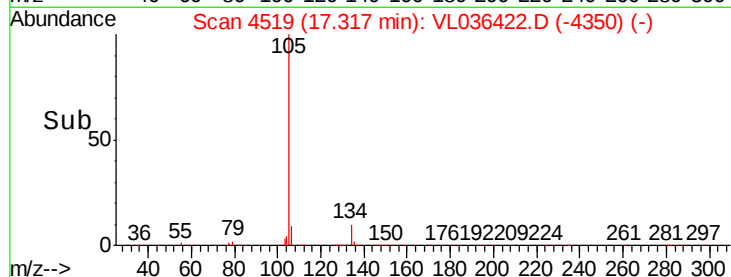
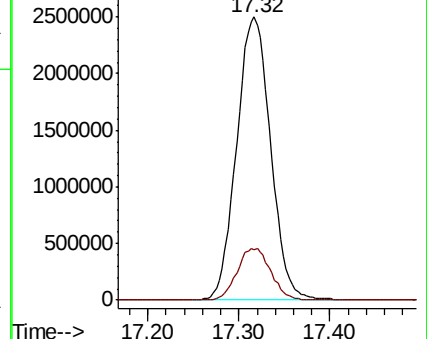
105 100

134 18.1 14.2 21.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.245 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

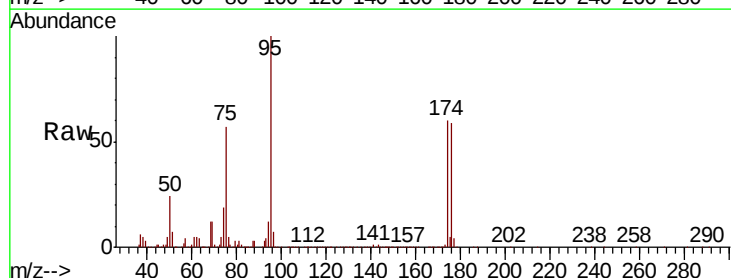
Tgt Ion: 95 Resp: 3035991

Ion Ratio Lower Upper

95 100

174 61.6 49.8 74.6

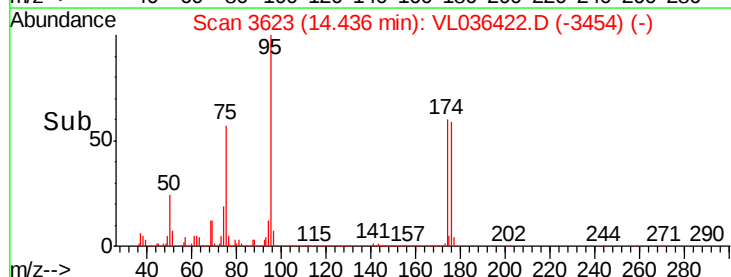
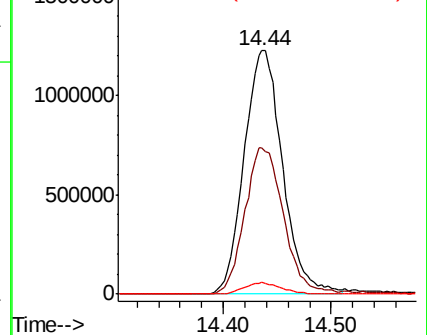
175 4.7 3.7 5.5

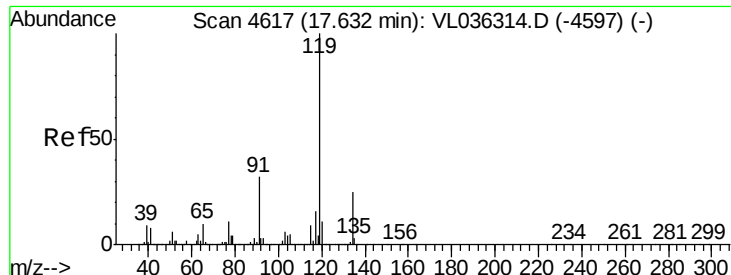


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

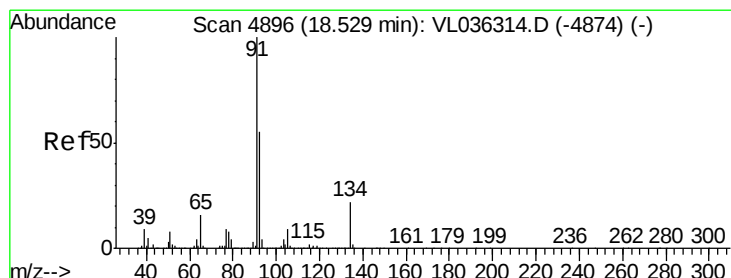
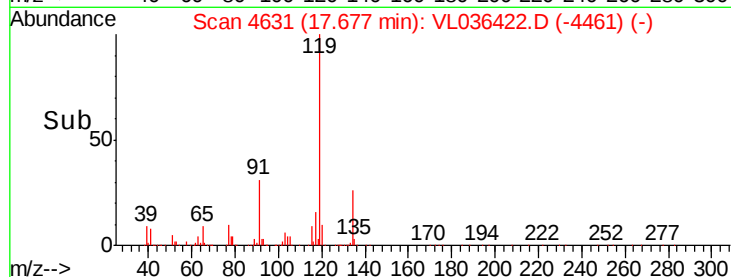
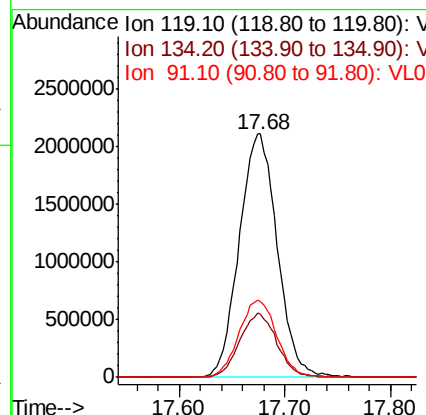
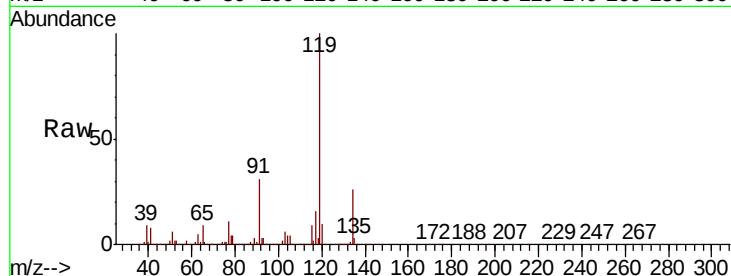




#69
 p-Isopropyltoluene
 Concen: 7.152 ppbv
 RT: 17.68 min Scan# 4631
 Delta R.T. 0.05 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

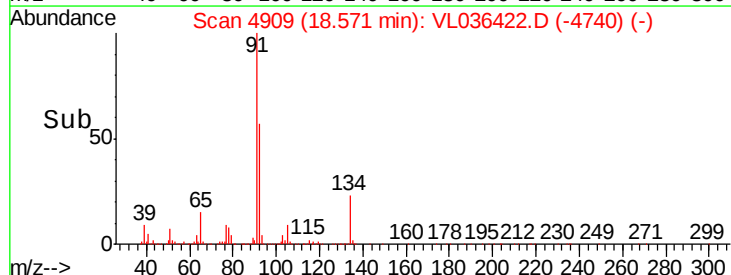
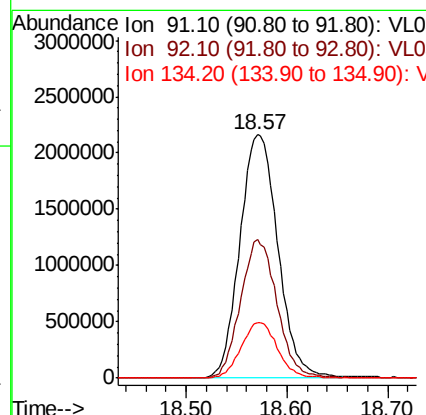
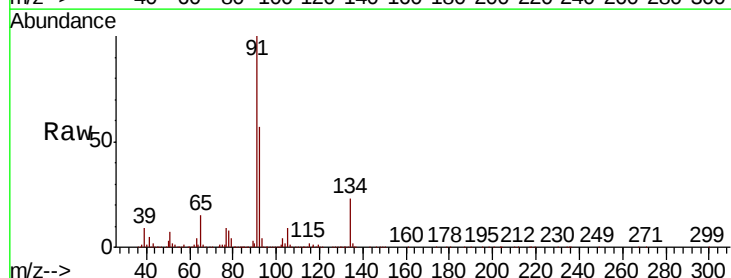
Instrument :
 MSVOA_L
 ClientSampled :

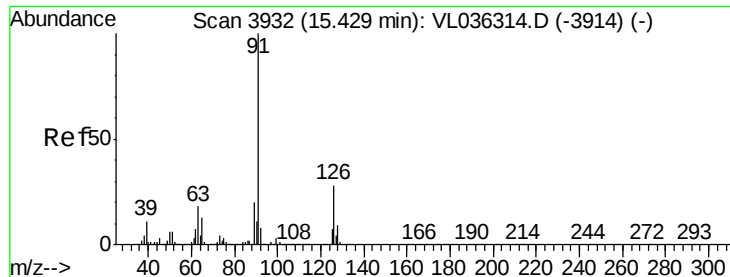
Tot Ion:119 Resp: 5261089
 Ion Ratio Lower Upper
 119 100
 134 25.8 20.1 30.1
 91 31.6 25.8 38.6



#70
 n-Butylbenzene
 Concen: 7.166 ppbv
 RT: 18.57 min Scan# 4909
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion: 91 Resp: 5653212
 Ion Ratio Lower Upper
 91 100
 92 54.9 43.7 65.5
 134 21.9 17.4 26.0

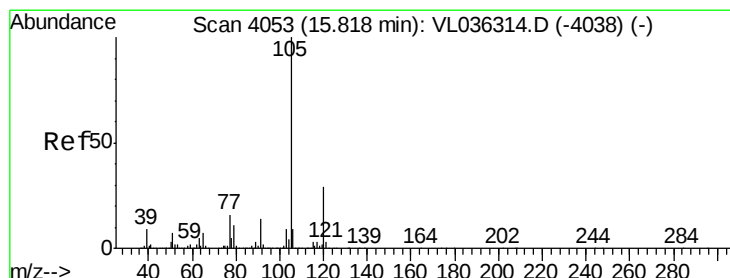
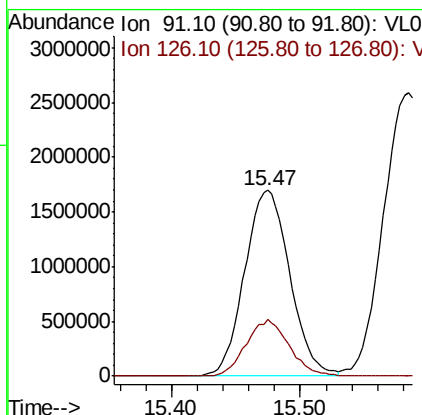
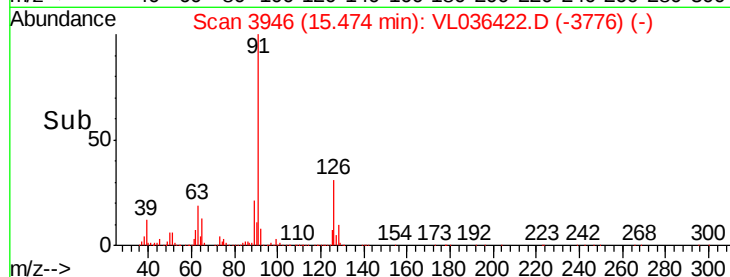
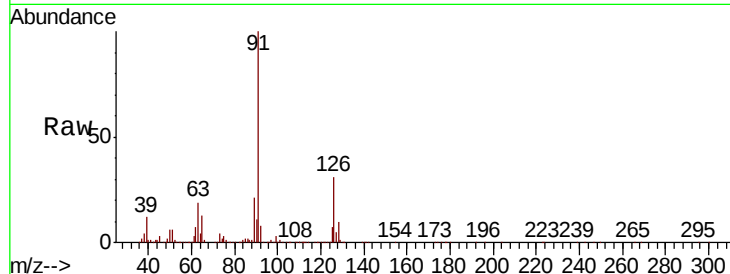




#71
2-Chlorotoluene
Concen: 7.007 ppbv
RT: 15.47 min Scan# 3946
Delta R.T. 0.05 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

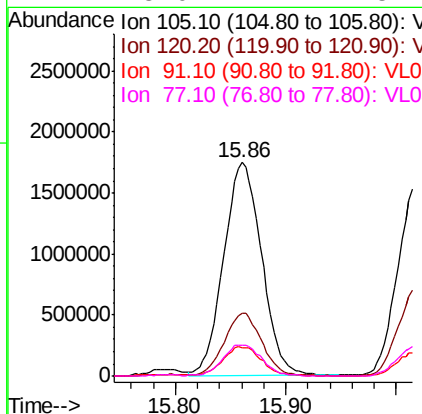
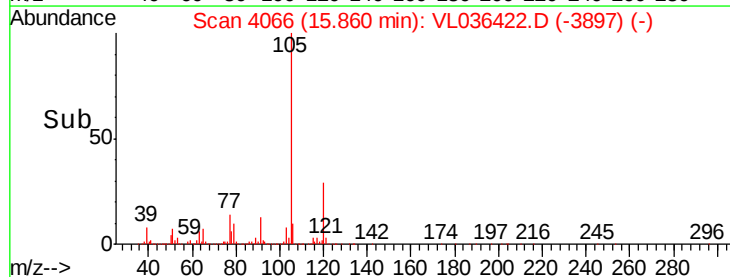
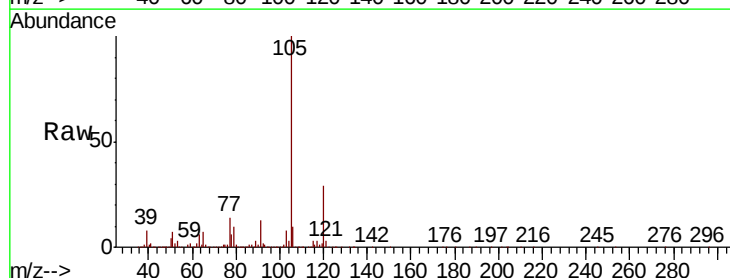
Instrument :
MSVOA_L
ClientSampled :

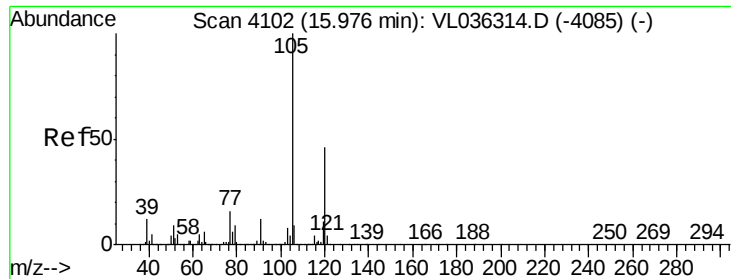
Tot Ion: 91 Resp: 4143373
Ion Ratio Lower Upper
91 100
126 29.3 11.5 46.1



#72
4-Ethyltoluene
Concen: 7.263 ppbv
RT: 15.86 min Scan# 4066
Delta R.T. 0.04 min
Lab File: VL036422.D
Acq: 1 Mar 2021 19:46

Tgt Ion:105 Resp: 4159966
Ion Ratio Lower Upper
105 100
120 29.3 23.2 34.8
91 13.7 11.0 16.4
77 15.0 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 6.991 ppbv

RT: 16.02 min Scan# 4116

Delta R.T. 0.05 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

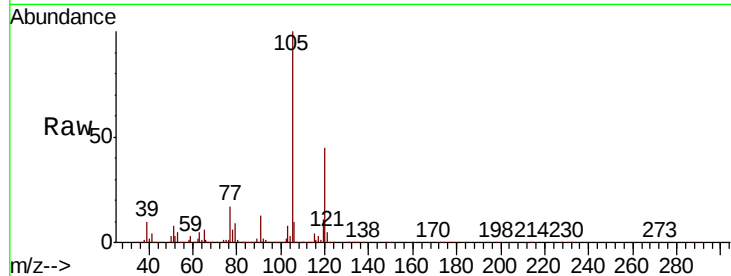
ClientSampleId :

Tot Ion:105 Resp: 3881222

Ion Ratio Lower Upper

105 100

120 45.3 36.9 55.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

16.02

1500000

1000000

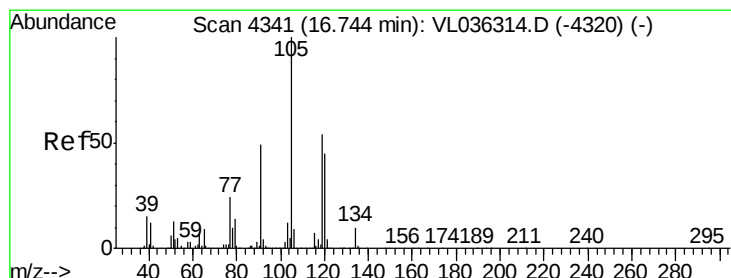
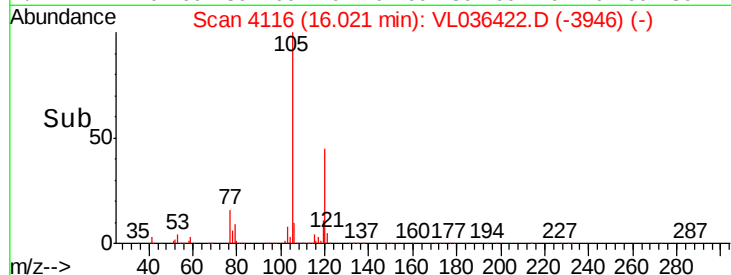
500000

0

Time-->

16.00

16.10



#74

1,2,4-Trimethylbenzene

Concen: 6.864 ppbv

RT: 16.78 min Scan# 4353

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Tgt Ion:105 Resp: 3890179

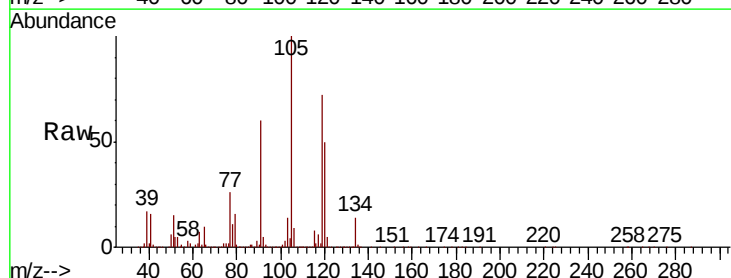
Ion Ratio Lower Upper

105 100

120 50.1 35.8 53.6

91 59.8 39.8 59.6#

77 26.1 19.1 28.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

2500000

2000000

1500000

1000000

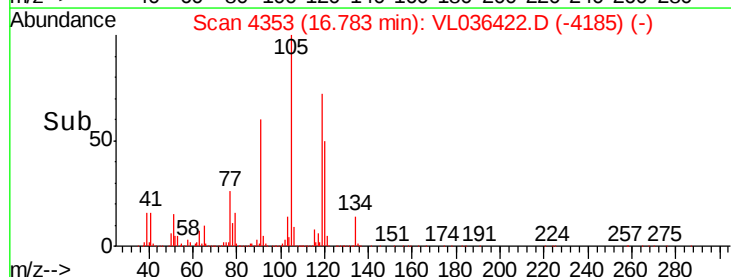
500000

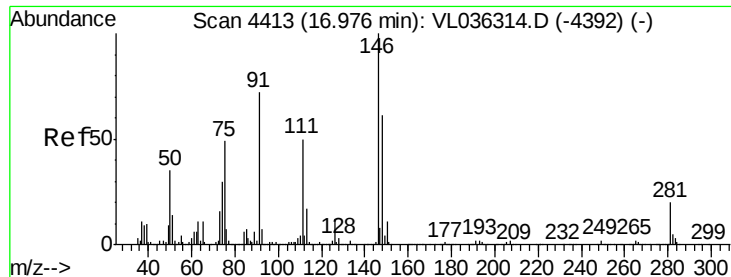
0

Time-->

16.70

16.80





#75

1,3-Dichlorobenzene

Concen: 6.868 ppbv

RT: 17.02 min Scan# 4426

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

ClientSampled :

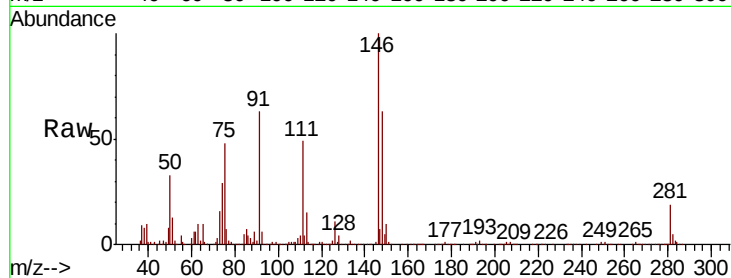
Tot Ion:146 Resp: 2112986

Ion Ratio Lower Upper

146 100

111 49.5 24.9 74.6

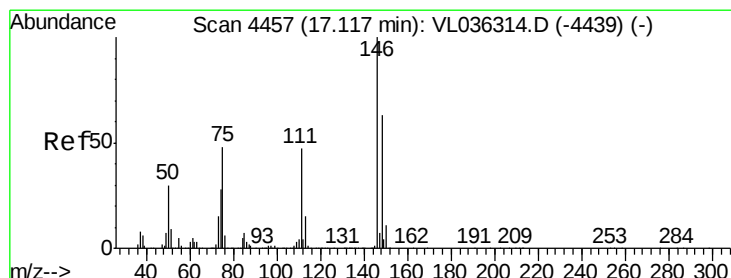
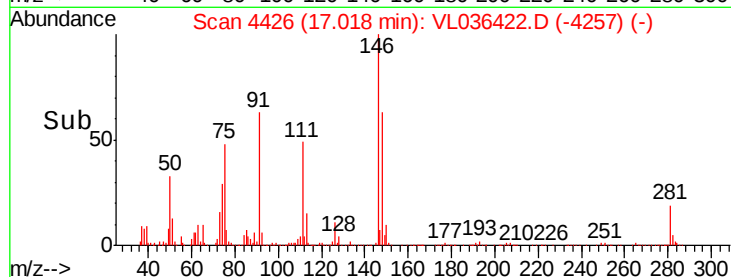
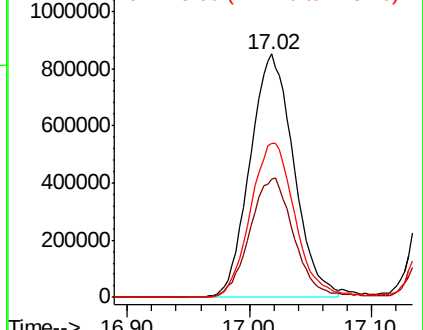
148 65.0 31.9 95.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 6.463 ppbv

RT: 17.16 min Scan# 4470

Delta R.T. 0.04 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

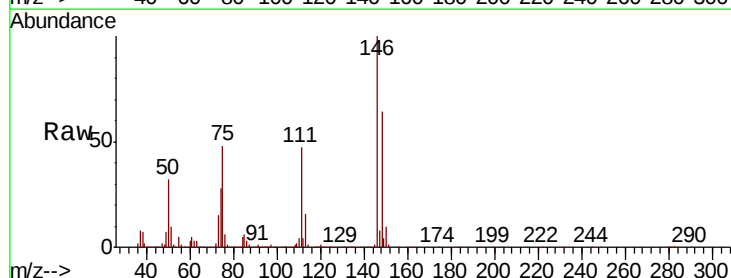
Tgt Ion:146 Resp: 2064896

Ion Ratio Lower Upper

146 100

111 49.3 23.6 71.0

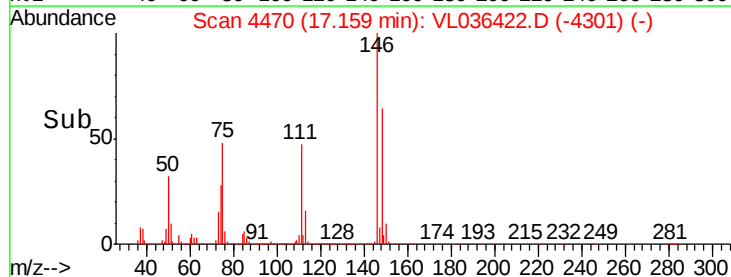
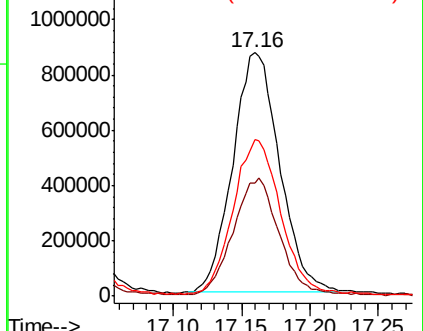
148 67.8 31.6 95.0

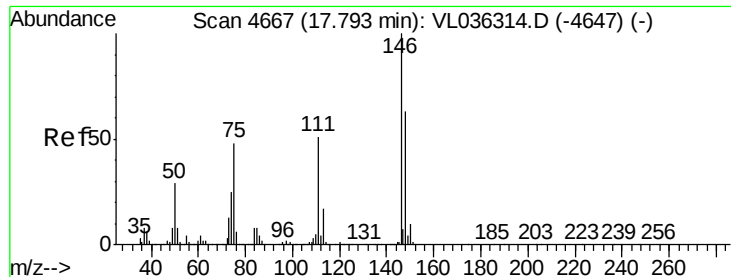


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

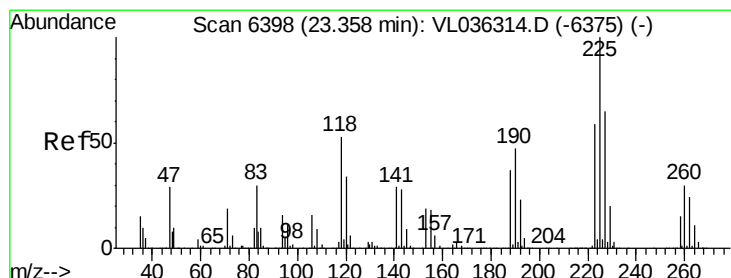
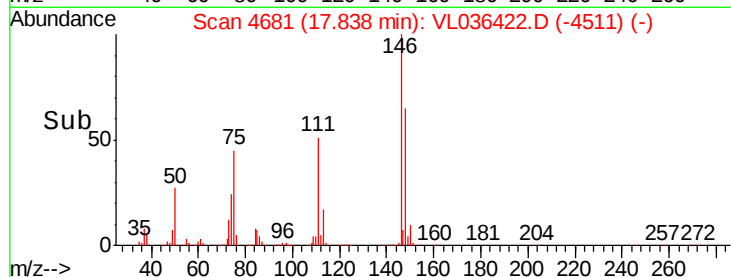
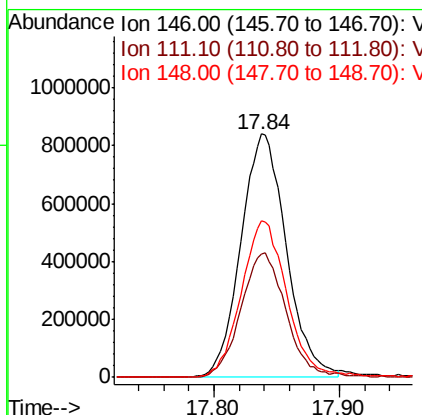
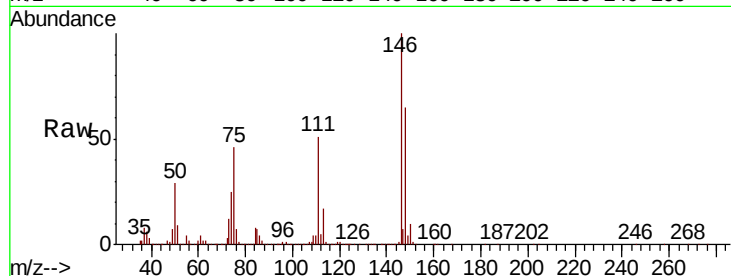




#77
 1,2-Dichlorobenzene
 Concen: 6.873 ppbv
 RT: 17.84 min Scan# 4681
 Delta R.T. 0.05 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

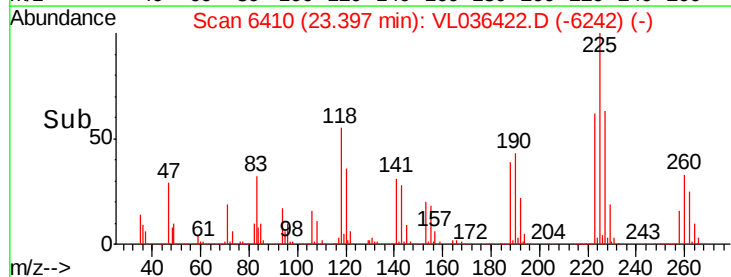
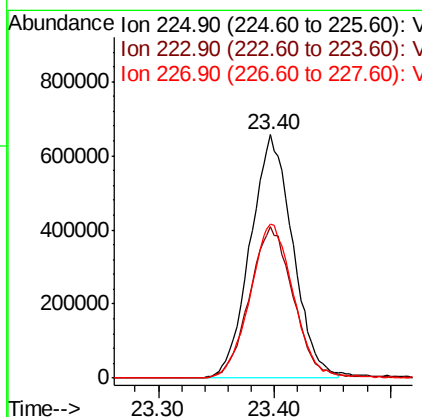
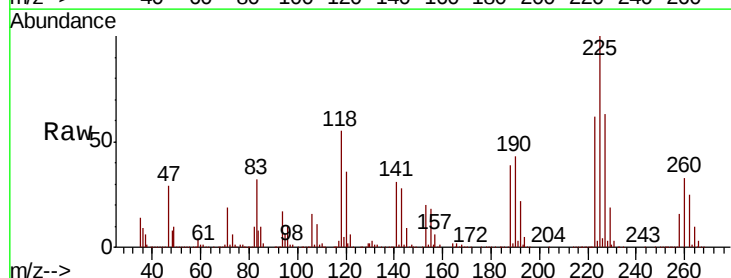
Instrument :
 MSVOA_L
 ClientSampleId :

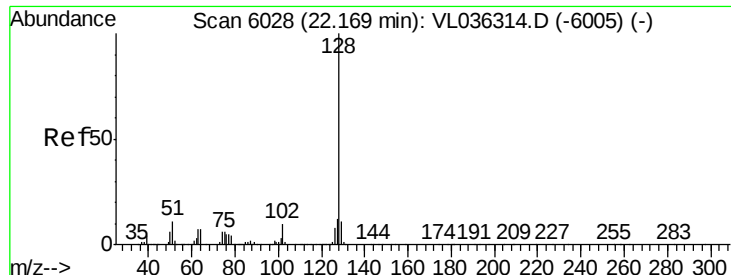
Tot Ion:146 Resp: 2097434
 Ion Ratio Lower Upper
 146 100
 111 50.9 25.9 77.8
 148 65.6 32.5 97.4



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.678 ppbv
 RT: 23.40 min Scan# 6410
 Delta R.T. 0.04 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Tgt Ion:225 Resp: 1665201
 Ion Ratio Lower Upper
 225 100
 223 64.7 50.8 76.2
 227 65.5 52.2 78.2





#79

Naphthalene

Concen: 9.899 ppbv

RT: 22.22 min Scan# 6045

Delta R.T. 0.05 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

Instrument :

MSVOA_L

ClientSampled :

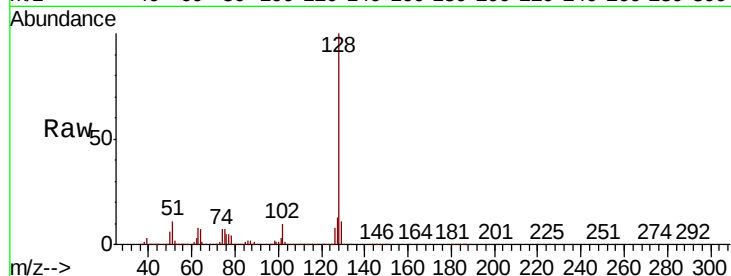
Tot Ion:128 Resp: 3326014

Ion Ratio Lower Upper

128 100

127 13.2 9.6 14.4

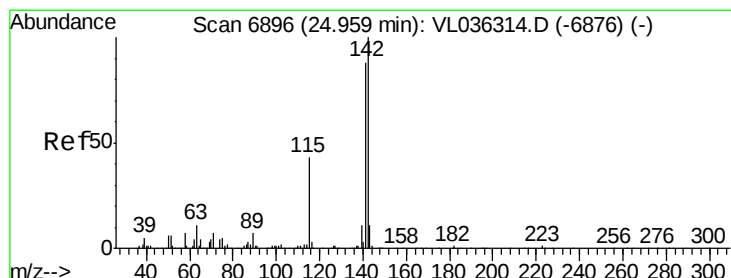
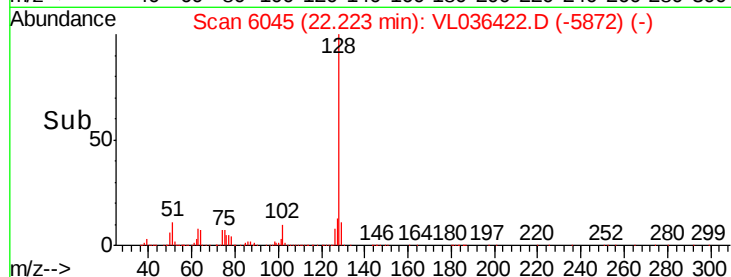
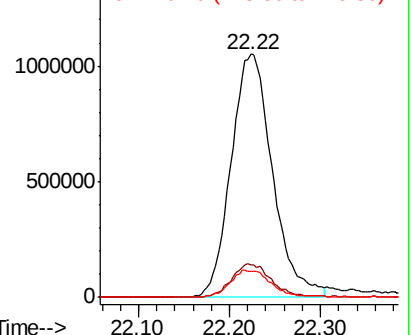
129 10.7 8.5 12.7



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: 13.100 ppbv

RT: 24.99 min Scan# 6906

Delta R.T. 0.03 min

Lab File: VL036422.D

Acq: 1 Mar 2021 19:46

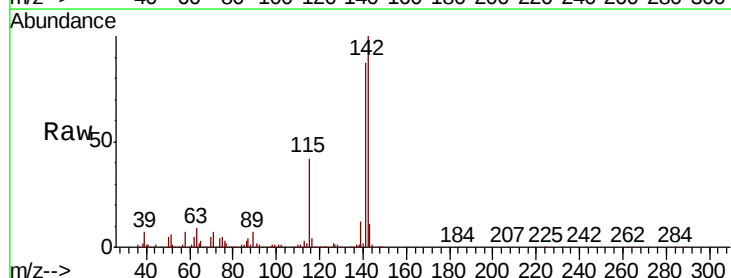
Tgt Ion:142 Resp: 814936

Ion Ratio Lower Upper

142 100

141 88.7 64.4 96.6

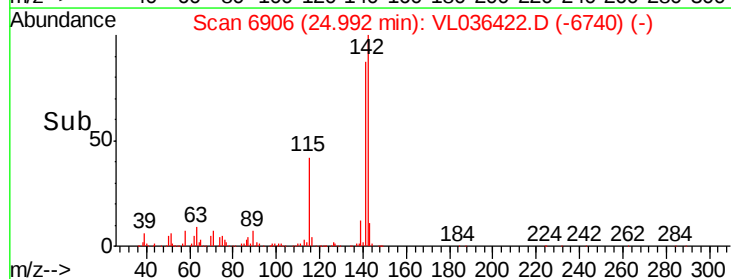
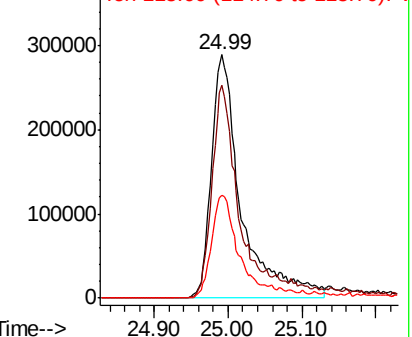
115 44.1 34.6 51.8

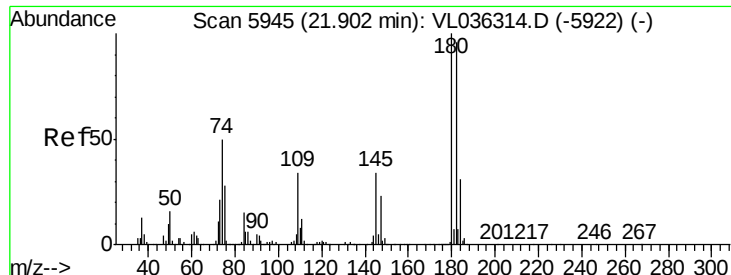


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

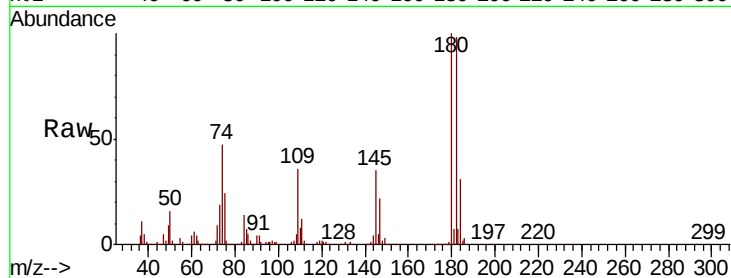




#81
 1,2,4-Trichlorobenzene
 Concen: 8.447 ppbv
 RT: 21.95 min Scan# 5960
 Delta R.T. 0.05 min
 Lab File: VL036422.D
 Acq: 1 Mar 2021 19:46

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:180 Resp: 1731574
 Ion Ratio Lower Upper
 180 100
 182 98.3 80.2 120.4
 184 32.0 25.0 37.6



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

