

Data File : VL034804.D
Acq On : 5 Mar 2020 20:28
Operator : SY/AP
Sample : L1698-05
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS-5-4

Quant Time: Mar 06 03:46:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	162928	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.25	114	4175	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.22	117	194	10.00	ppbv	0.08

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.62 95 2700778 166955.59 ppbv 0.14
Spiked Amount 10.000 Range 65 - 135 Recovery = 166955.90%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	3.18	85	18458	0.694 ppbv	99
3) Chlorodifluoromethane	2.98	51	477575	25.728 ppbv #	58
4) Chloromethane	3.11	50	404917	40.500 ppbv #	50
5) Vinyl Chloride	3.20	62	1041737	98.630 ppbv	98
7) Chloroethane	3.52	64	268581	73.542 ppbv #	84
8) Dichlorotetrafluoroethane	3.54	85	3473617	150.385 ppbv #	20
9) Propene	2.95	41	3737895	511.599 ppbv	91
10) Heptane	8.12	43	723873	38.984 ppbv #	27
11) Trichlorofluoromethane	3.93	101	691962	29.083 ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.48	101	931	0.057 ppbv #	14
13) Ethanol	3.56	45	553570	221.131 ppbv #	62
15) Acetone	3.81	43	5706466	292.482 ppbv #	1
16) 1,3-Butadiene	3.29	39	12092049	1369.817 ppbv #	13
17) tert-Butyl alcohol	4.27	59	3625477	235.660 ppbv #	52
18) 1,1-Dichloroethene	4.26	96	2758	0.381 ppbv	87
19) Isopropyl Alcohol	3.93	45	290047	24.811 ppbv #	93
20) Methylene Chloride	4.32	84	2428541	348.759 ppbv #	10
21) Allyl Chloride	4.39	41	22386147	1811.844 ppbv #	48
23) Vinyl Acetate	4.94	43	535033	20.450 ppbv #	89
24) 1,1-Dichloroethane	5.03	63	684375	33.702 ppbv	100
25) Ethyl Acetate	5.66	43	1443764	42.822 ppbv #	76
26) Hexane	5.60	57	3333538	226.325 ppbv #	1
27) Carbon Disulfide	4.56	76	1349598	78.434 ppbv #	70
28) Methyl tert-Butyl Ether	5.07	73	155438	7.090 ppbv #	52
29) Chloroform	6.13	83	313617	12.649 ppbv #	48
30) Cyclohexane	7.35	84	32600720	2893.148 ppbv #	9
31) cis-1,2-Dichloroethene	5.56	61	1715	0.114 ppbv #	32
32) 1,1,1-Trichloroethane	6.38	97	1063	0.043 ppbv #	1
34) 2-Butanone	5.29	43	6851003	25223.209 ppbv #	1
35) Carbon Tetrachloride	7.09	117	381	1.209 ppbv #	56
36) Benzene	6.97	78	29293	82.109 ppbv #	82
37) 1,2-Dichloroethane	6.36	62	4642	19.049 ppbv #	84
38) Trichloroethene	7.92	130	137	0.985 ppbv #	34
39) 1,2-Dichloropropane	7.88	63	6219	43.195 ppbv	91
40) 1,4-Dioxane	7.92	88	439	8.816 ppbv #	1
41) Tetrahydrofuran	6.09	42	1760680	12704.472 ppbv #	37
42) Bromodichloromethane	7.91	83	89154	289.156 ppbv #	30
43) Methyl Methacrylate	8.10	69	534150	3533.290 ppbv #	1
44) 2,2,4-Trimethylpentane	7.73	57	99461	159.535 ppbv #	1
45) t-1,3-Dichloropropene	9.38	75	6047	38.102 ppbv #	1
46) cis-1,3-Dichloropropene	8.79	75	10473	54.041 ppbv #	1

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	9.51	97	366891	2413.717	ppbv	# 1
48) Dibromochloromethane	10.41	129	156	0.656	ppbv	# 10
50) 4-Methyl-2-Pentanone	8.93	43	145389	373.573	ppbv	# 1
51) 2-Hexanone	10.27	43	569968	1866.950	ppbv	# 1
52) Tetrachloroethene	11.42	164	352	2.671	ppbv	# 1
53) Toluene	9.90	91	5022	13.300	ppbv	# 21
54) 1,2-Dibromoethane	10.71	107	240	1.068	ppbv	# 92
56) 1,1,1,2-Tetrachloroethane	12.24	131	42	4.886	ppbv	# 1
57) Chlorobenzene	12.34	112	139883	9439.142	ppbv	# 83
58) Ethyl Benzene	12.80	91	9217	385.526	ppbv	# 98
59) m/p-Xylene	13.12	91	53804	2599.812	ppbv	# 31
60) o-Xylene	13.94	91	147368	7037.940	ppbv	# 85
61) Styrene	13.68	104	61	4.696	ppbv	# 26
62) Isopropylbenzene	14.85	105	122992	3990.929	ppbv	# 97
63) 1,1,2,2-Tetrachloroethane	13.78	83	2643140	160126.862	ppbv	# 42
64) n-propylbenzene	15.72	120	2751	356.016	ppbv	# 1
65) tert-Butylbenzene	16.94	119	422	16.203	ppbv	# 15
66) Benzyl Chloride	17.17	91	654	77.673	ppbv	# 1
67) sec-Butylbenzene	17.47	105	444	11.700	ppbv	# 59
69) p-Isopropyltoluene	17.85	119	173	5.633	ppbv	# 1
70) n-Butylbenzene	18.73	91	366	10.899	ppbv	# 32
71) 2-Chlorotoluene	15.72	91	79528	3416.749	ppbv	# 92
72) 4-Ethyltoluene	15.99	105	35404	1518.577	ppbv	# 1
73) 1,3,5-Trimethylbenzene	16.14	105	27230	1217.641	ppbv	# 95
74) 1,2,4-Trimethylbenzene	16.88	105	164817	6779.658	ppbv	# 69
75) 1,3-Dichlorobenzene	17.14	146	72	5.003	ppbv	# 1
76) 1,4-Dichlorobenzene	17.28	146	50	3.631	ppbv	# 1
77) 1,2-Dichlorobenzene	17.93	146	252	18.305	ppbv	# 26
78) Hexachloro-1,3-Butadiene	23.36	225	65	5.658	ppbv	# 18
79) Naphthalene	22.44	128	411	22.497	ppbv	# 1
80) Naphthalene,2-methyl-	25.22	142	448	102.671	ppbv	# 1
81) 1,2,4-Trichlorobenzene	22.64	180	84	7.273	ppbv	# 12

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

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```
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ALS Vial    : 1 Sample Multipl
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Instrument :
MSVOA_L
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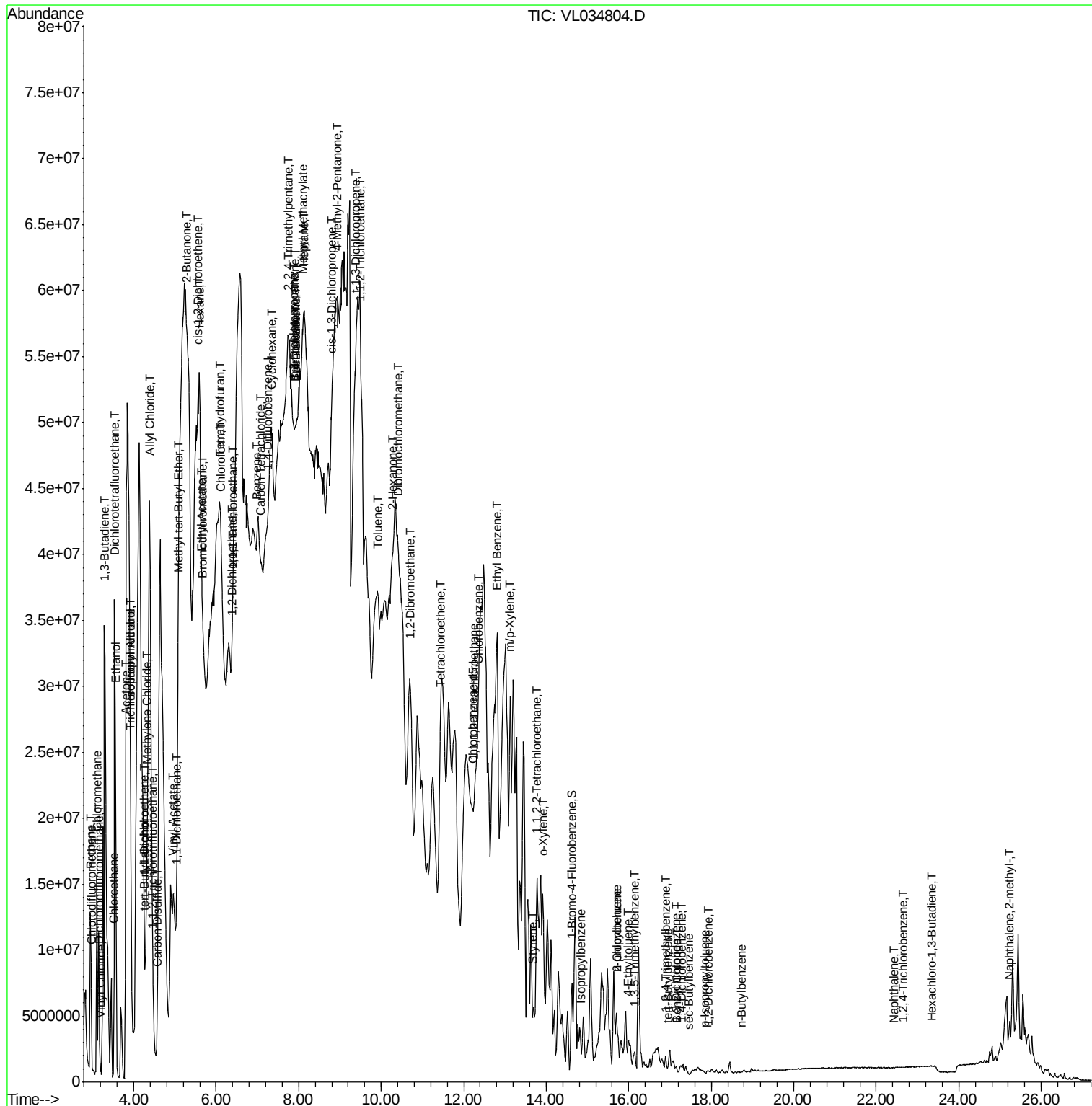
Quant Time: Mar 06 03:46:43 2020

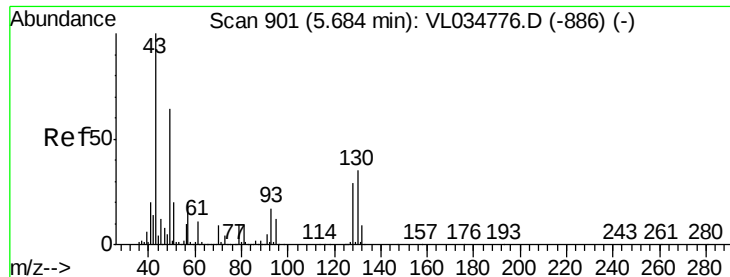
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_L\METHODS\VL030420AIR.M

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. -0.00 min

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MSVOA_L

ClientSampleId :

SS-5-4

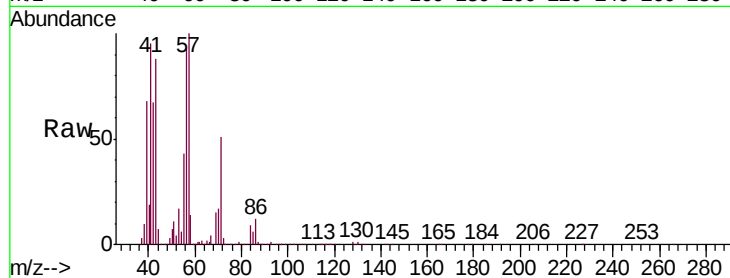
Tgt Ion: 49 Resp: 162928

Ion Ratio Lower Upper

49 100

128 84.0 21.6 64.6#

130 112.6 27.4 82.2#



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

5.68

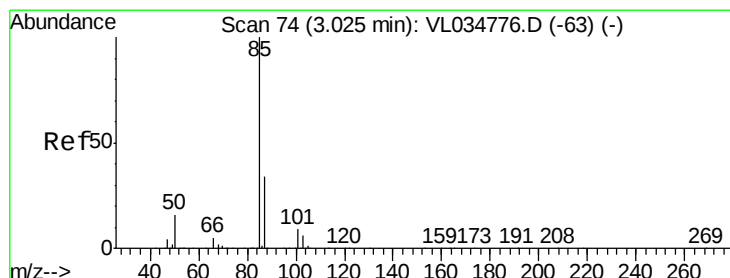
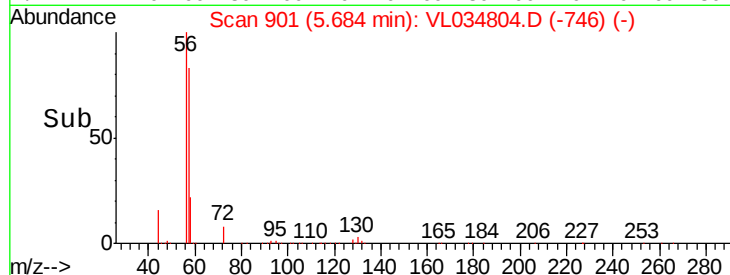
150000

100000

50000

0

Time--> 5.64 5.66 5.68 5.70 5.72



#2

Dichlorodifluoromethane

Concen: 0.694 ppbv

RT: 3.18 min Scan# 121

Delta R.T. 0.15 min

Lab File: VL034804.D

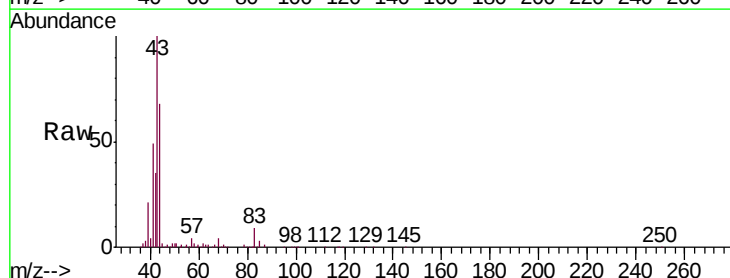
Acq: 5 Mar 2020 20:28

Tgt Ion: 85 Resp: 18458

Ion Ratio Lower Upper

85 100

87 33.2 27.2 40.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.18

20000

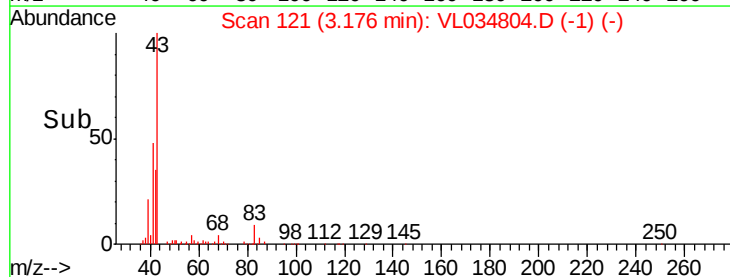
15000

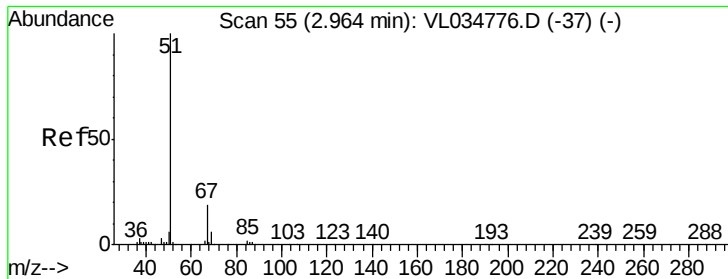
10000

5000

0

Time--> 3.14 3.16 3.18 3.20





#3

Chlorodifluoromethane

Concen: 25.728 ppbv

RT: 2.98 min Scan# 60

Delta R.T. 0.02 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

Instrument :

MSVOA_L

ClientSampleId :

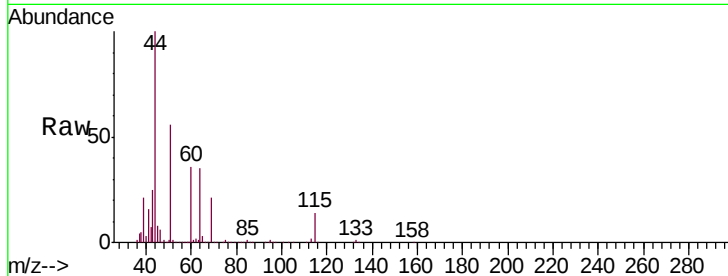
SS-5-4

Tgt Ion: 51 Resp: 477575

Ion Ratio Lower Upper

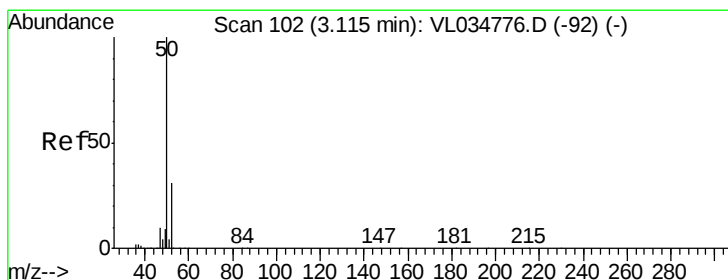
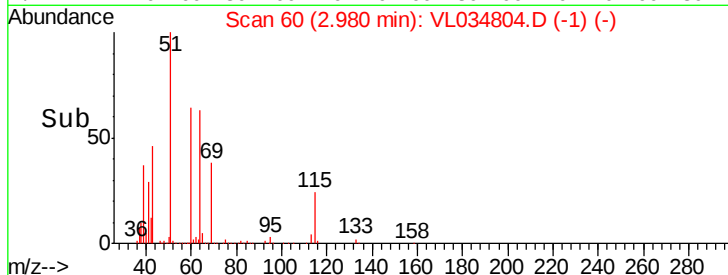
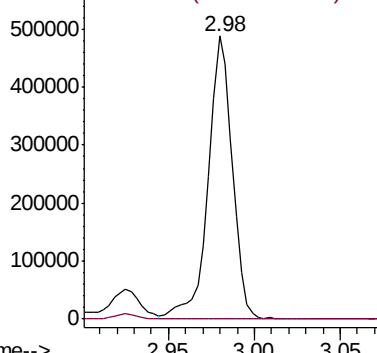
51 100

67 0.0 15.3 22.9#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 40.500 ppbv

RT: 3.11 min Scan# 100

Delta R.T. -0.01 min

Lab File: VL034804.D

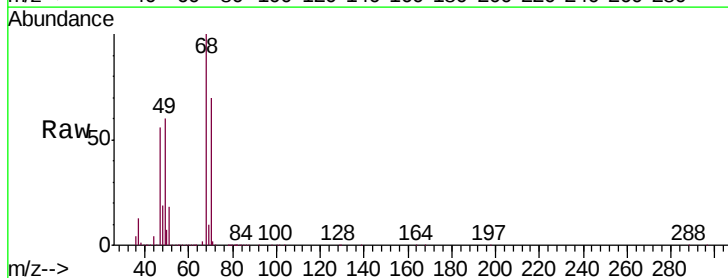
Acq: 5 Mar 2020 20:28

Tgt Ion: 50 Resp: 404917

Ion Ratio Lower Upper

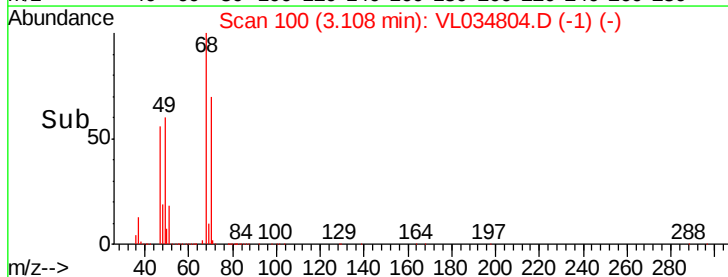
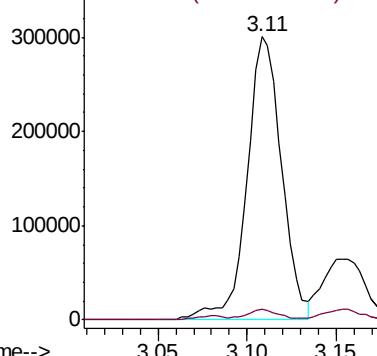
50 100

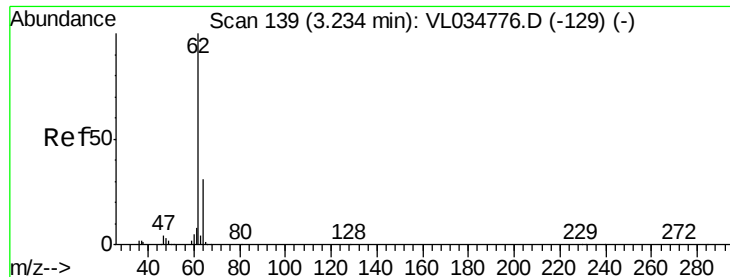
52 3.6 25.0 37.4#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 98.630 ppbv

RT: 3.20 min Scan# 130

Delta R.T. -0.03 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

Instrument :

MSVOA_L

ClientSampleId :

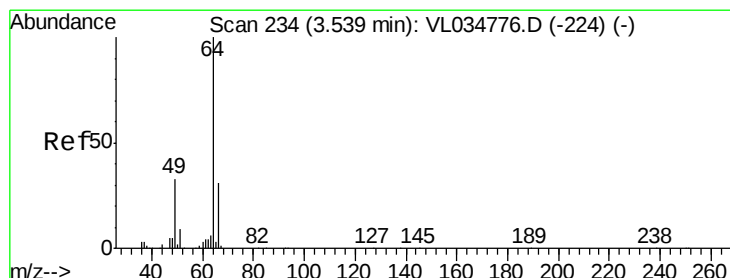
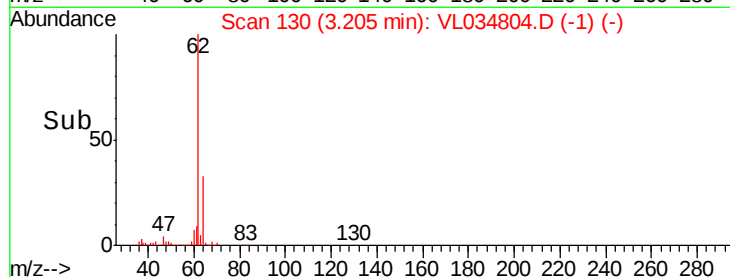
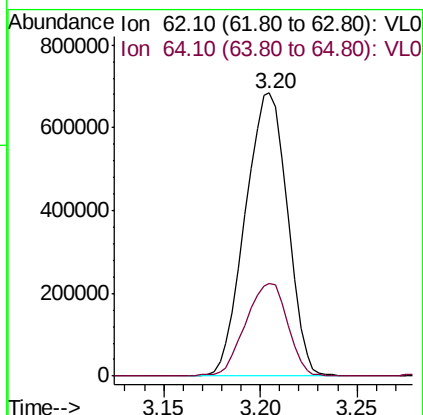
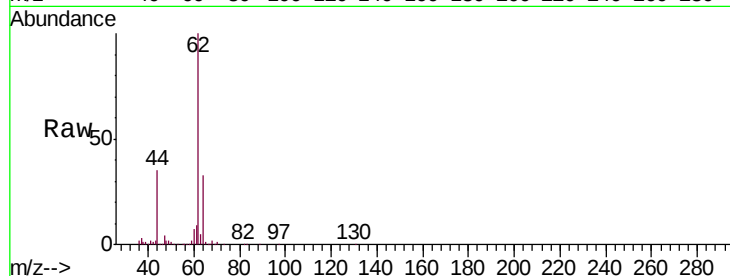
SS-5-4

Tgt Ion: 62 Resp: 1041737

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7



#7

Chloroethane

Concen: 73.542 ppbv

RT: 3.52 min Scan# 227

Delta R.T. -0.02 min

Lab File: VL034804.D

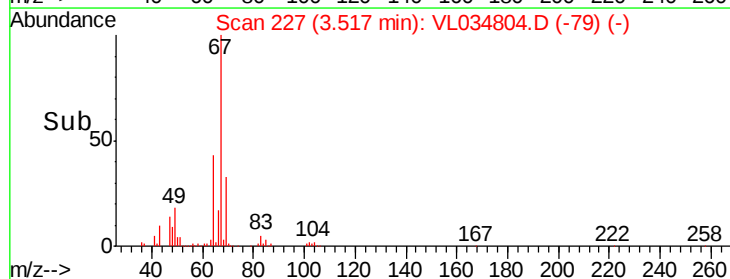
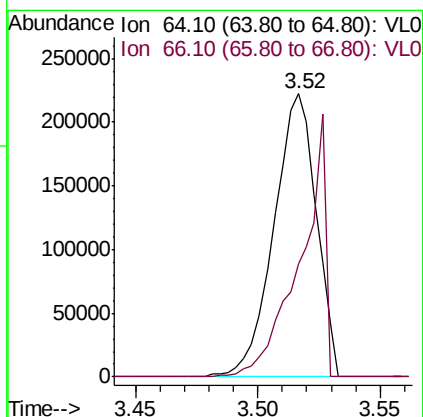
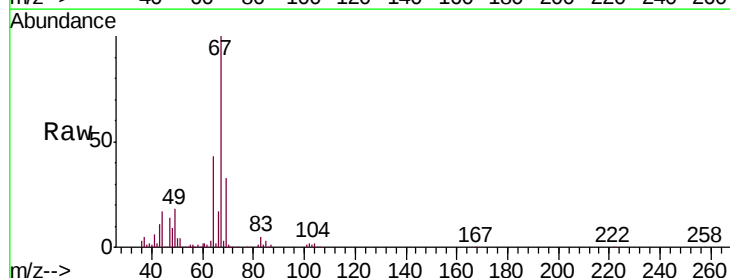
Acq: 5 Mar 2020 20:28

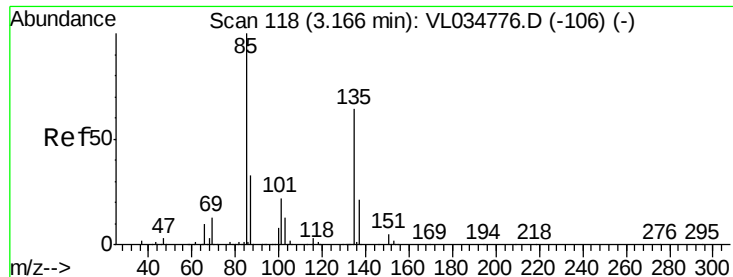
Tgt Ion: 64 Resp: 268581

Ion Ratio Lower Upper

64 100

66 40.0 24.8 37.2#





#8

Dichlorotetrafluoroethane

Concen: 150.385 ppbv

RT: 3.54 min Scan# 235

Delta R.T. 0.38 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

Instrument :

MSVOA_L

ClientSampleId :

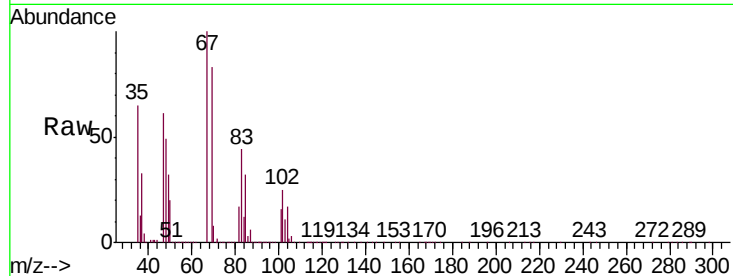
SS-5-4

Tgt Ion: 85 Resp: 3473617

Ion Ratio Lower Upper

85 100

135 0.0 49.4 74.2#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

2000000

1500000

1000000

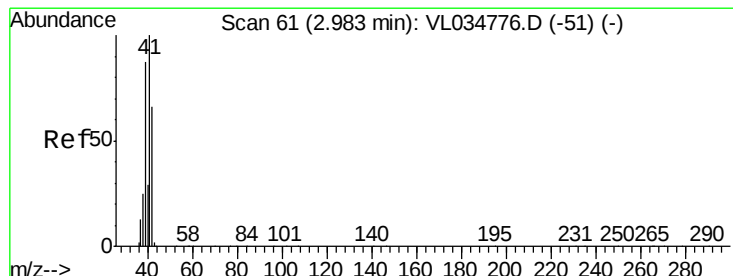
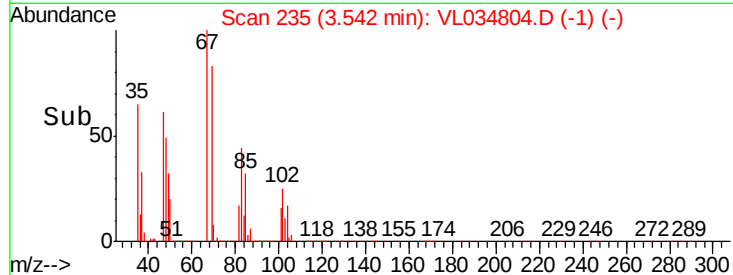
500000

0

3.54

3.45 3.50 3.55 3.60 3.65

Time-->



#9

Propene

Concen: 511.599 ppbv

RT: 2.95 min Scan# 50

Delta R.T. -0.04 min

Lab File: VL034804.D

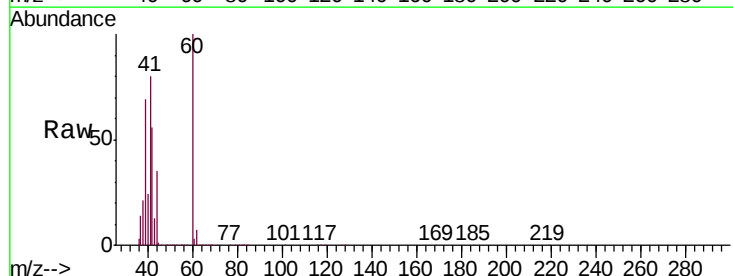
Acq: 5 Mar 2020 20:28

Tgt Ion: 41 Resp: 3737895

Ion Ratio Lower Upper

41 100

42 61.9 55.6 83.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

2500000

2000000

1500000

1000000

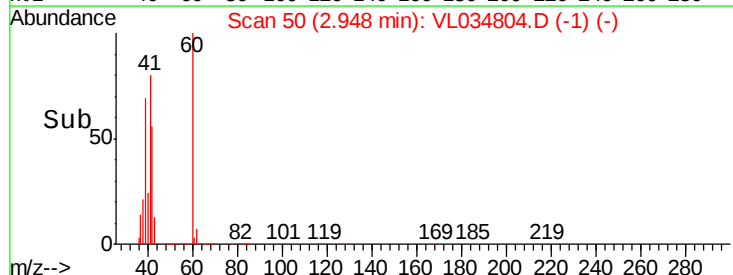
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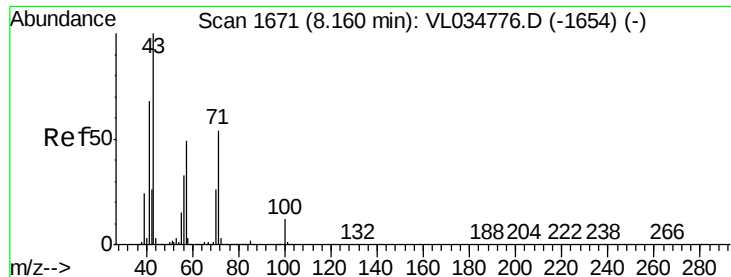
0

2.95

2.90 2.95 3.00

Time-->





#10

Heptane

Concen: 38.984 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.04 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

Instrument :

MSVOA_L

ClientSampled :

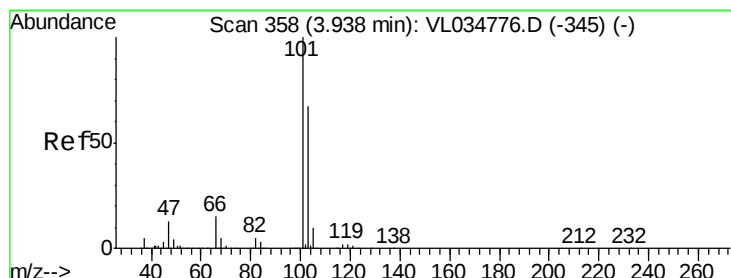
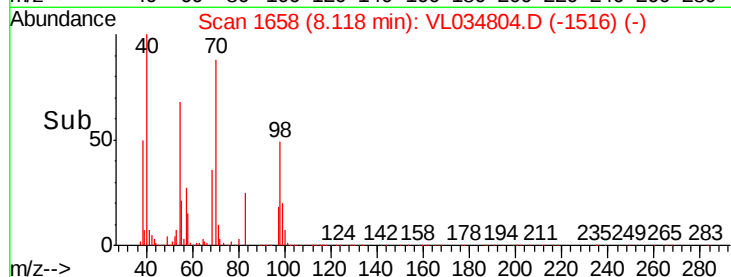
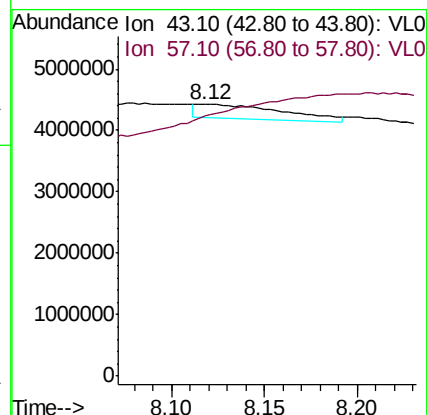
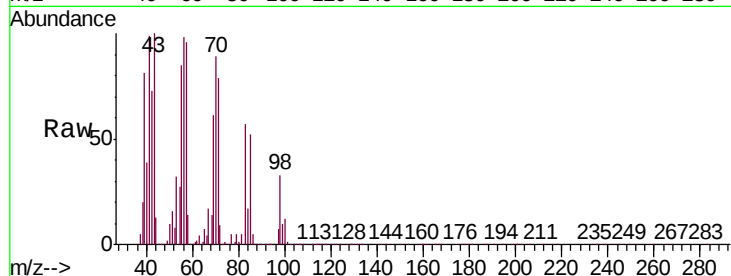
SS-5-4

Tgt Ion: 43 Resp: 723873

Ion Ratio Lower Upper

43 100

57 0.0 40.5 60.7#



#11

Trichlorofluoromethane

Concen: 29.083 ppbv

RT: 3.93 min Scan# 356

Delta R.T. -0.01 min

Lab File: VL034804.D

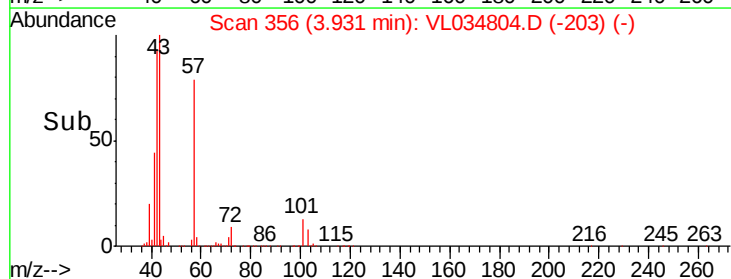
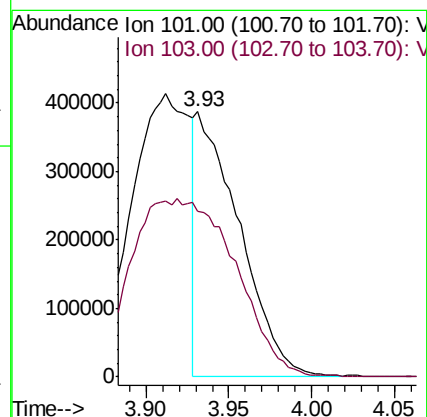
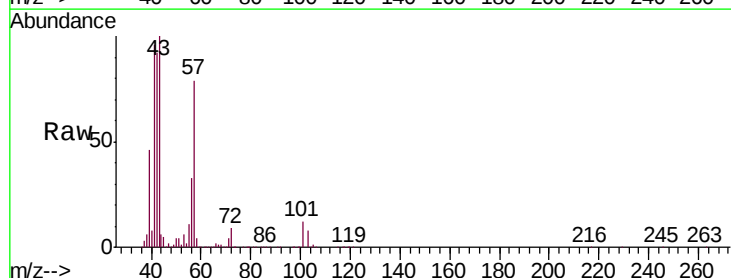
Acq: 5 Mar 2020 20:28

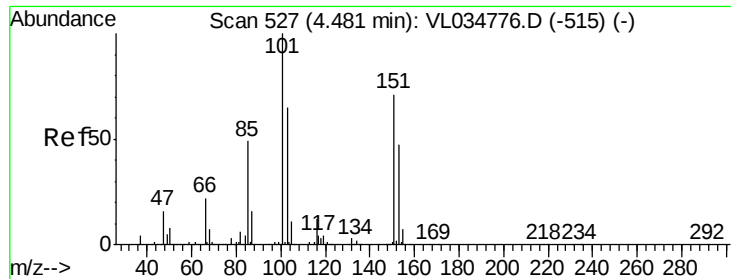
Tgt Ion: 101 Resp: 691962

Ion Ratio Lower Upper

101 100

103 62.6 53.6 80.4





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.057 ppbv

RT: 4.48 min Scan# 526

Delta R.T. -0.00 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

Instrument :

MSVOA_L

ClientSampleId :

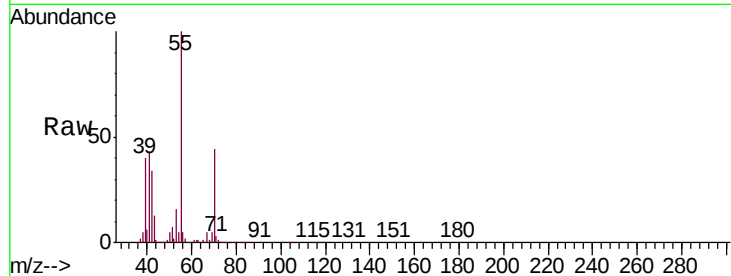
SS-5-4

Tgt Ion: 101 Resp: 931

Ion Ratio Lower Upper

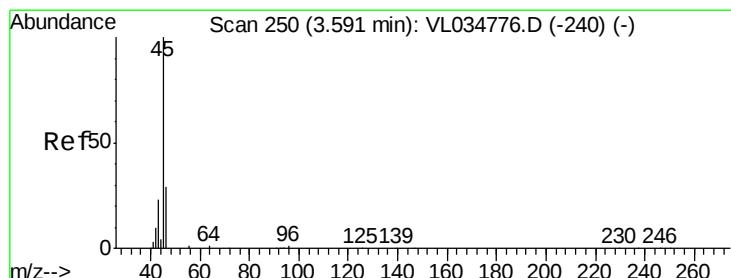
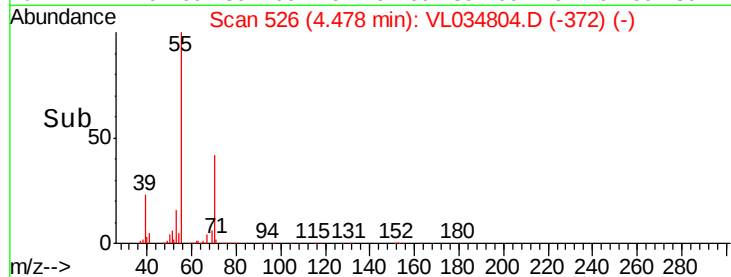
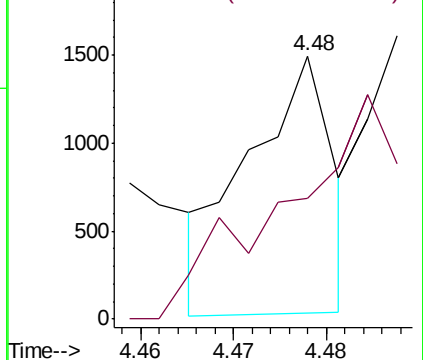
101 100

151 0.0 56.6 85.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 221.131 ppbv

RT: 3.56 min Scan# 242

Delta R.T. -0.03 min

Lab File: VL034804.D

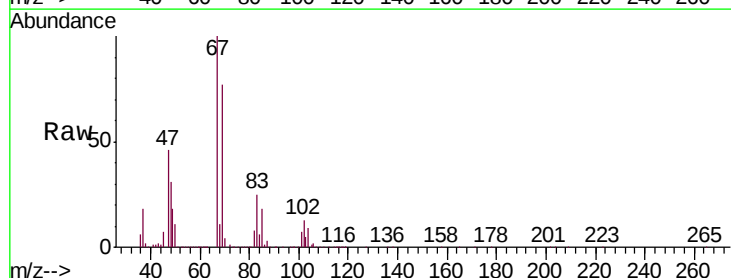
Acq: 5 Mar 2020 20:28

Tgt Ion: 45 Resp: 553570

Ion Ratio Lower Upper

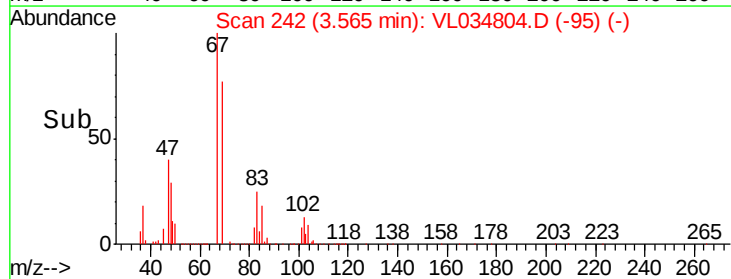
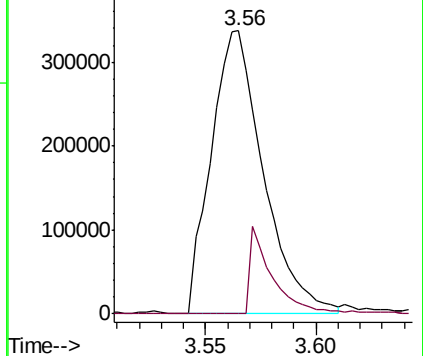
45 100

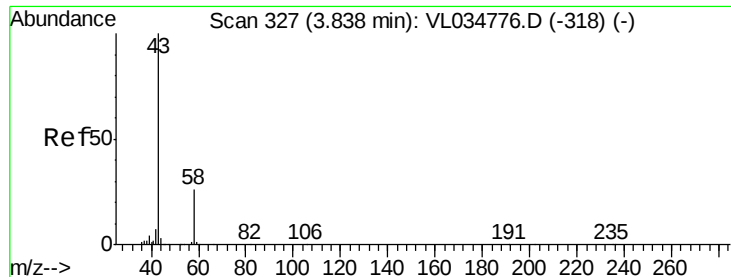
46 14.1 14.7 58.9#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 292.482 ppbv

RT: 3.81 min Scan# 317

Delta R.T. -0.03 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

Instrument :

MSVOA_L

ClientSampleId :

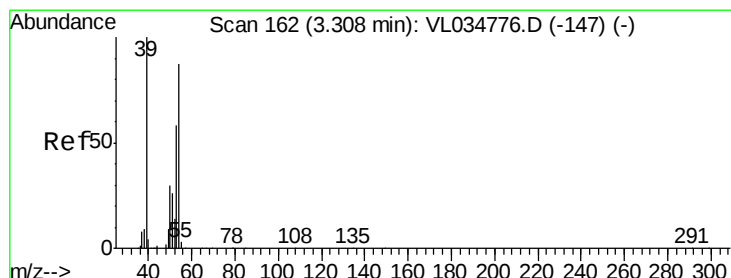
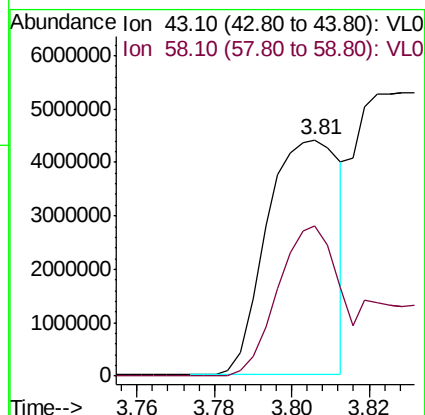
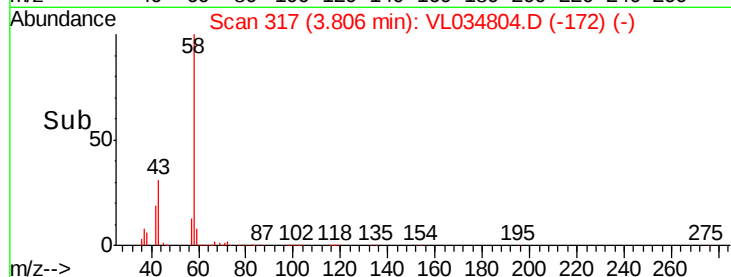
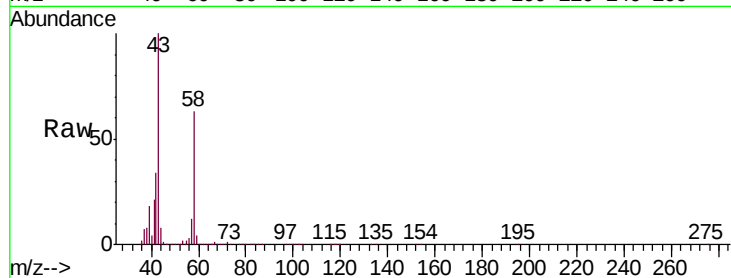
SS-5-4

Tgt Ion: 43 Resp: 5706466

Ion Ratio Lower Upper

43 100

58 121.8 21.0 31.6#



#16

1,3-Butadiene

Concen: 1369.817 ppbv

RT: 3.29 min Scan# 156

Delta R.T. -0.02 min

Lab File: VL034804.D

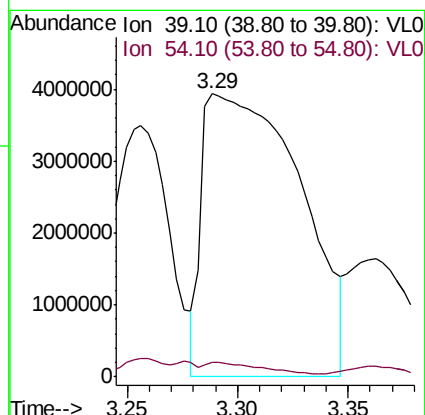
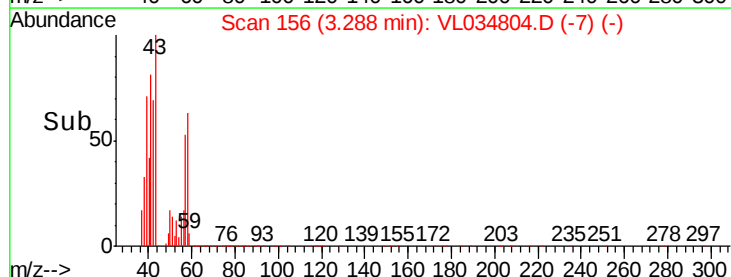
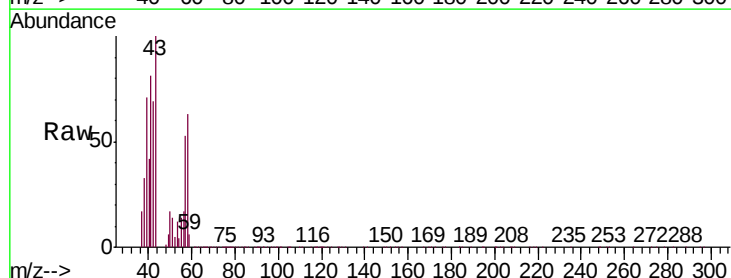
Acq: 5 Mar 2020 20:28

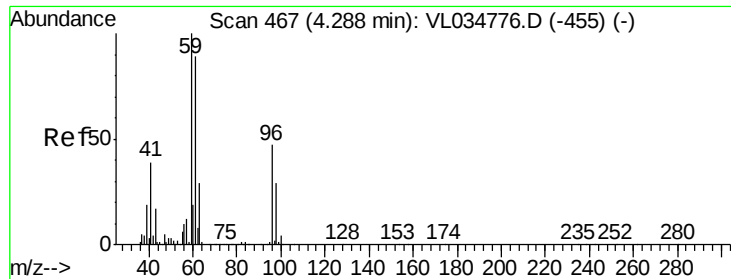
Tgt Ion: 39 Resp: 12092049

Ion Ratio Lower Upper

39 100

54 3.4 64.2 96.2#

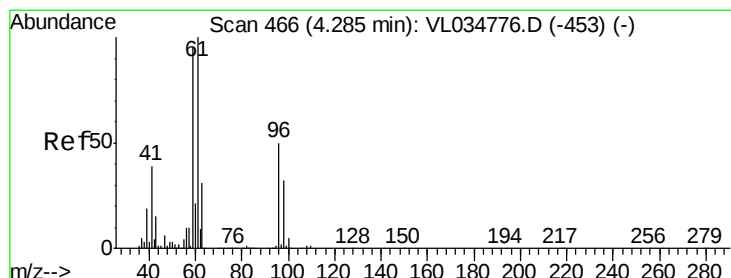
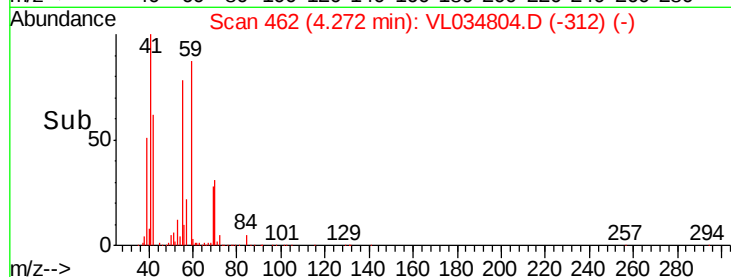
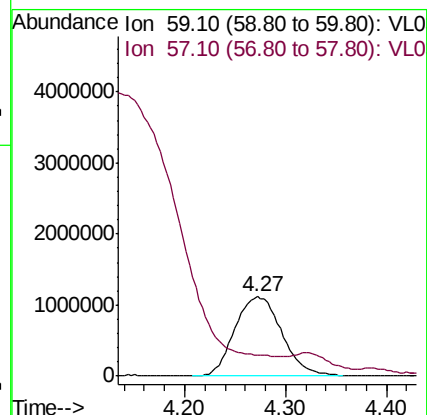
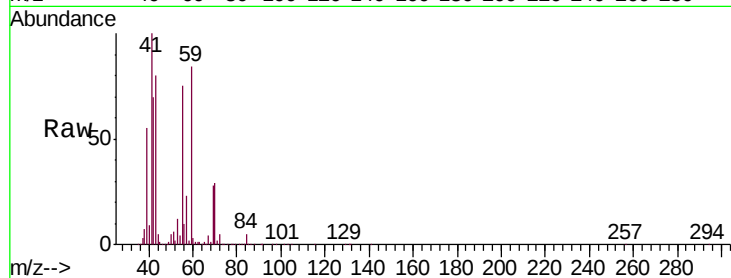




#17
tert-Butyl alcohol
Concen: 235.660 ppbv
RT: 4.27 min Scan# 462
Delta R.T. -0.02 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

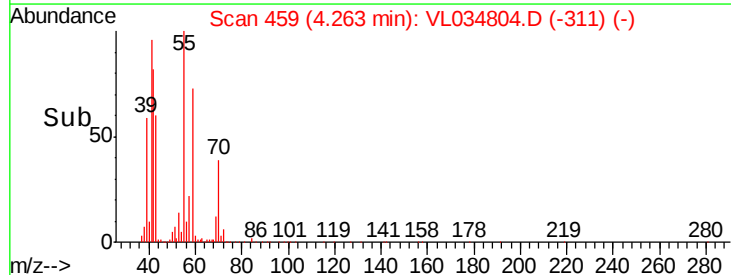
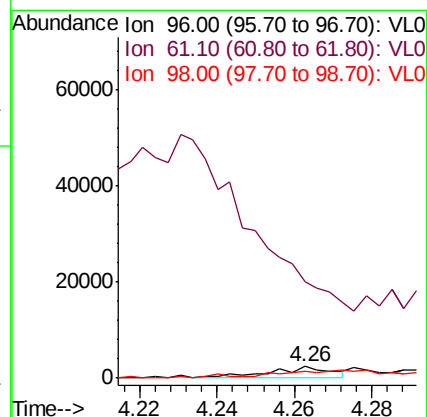
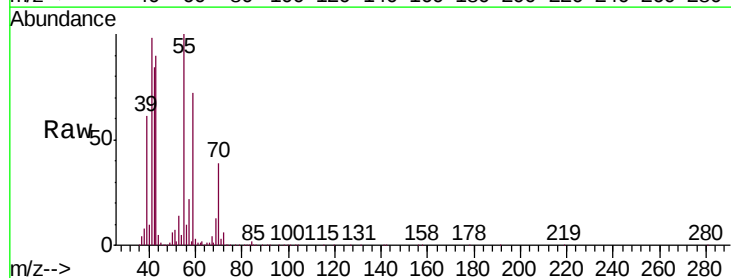
Instrument :
MSVOA_L
ClientSampleId :
SS-5-4

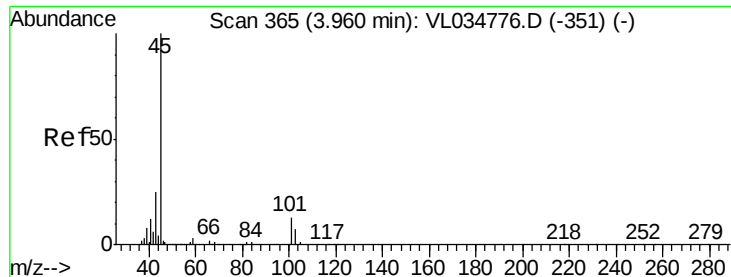
Tgt Ion: 59 Resp: 3625477
Ion Ratio Lower Upper
59 100
57 29.0 8.6 13.0#



#18
1,1-Dichloroethene
Concen: 0.381 ppbv
RT: 4.26 min Scan# 459
Delta R.T. -0.02 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

Tgt Ion: 96 Resp: 2758
Ion Ratio Lower Upper
96 100
61 178.3 159.5 239.3
98 56.2 51.1 76.7

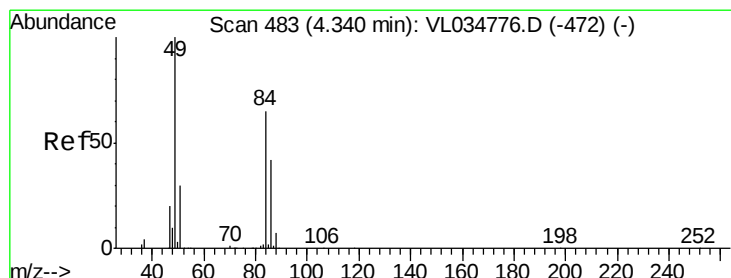
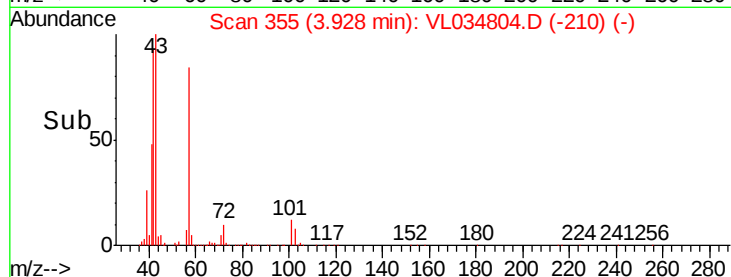
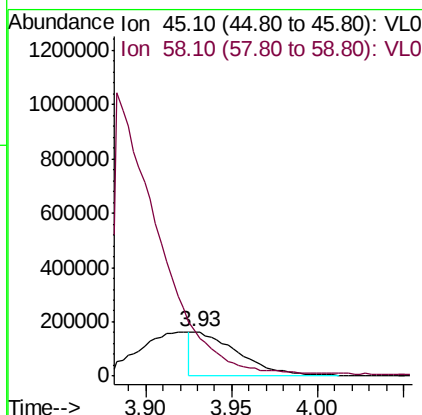
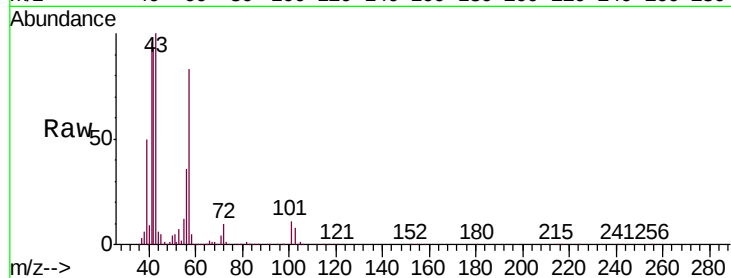




#19
Isopropyl Alcohol
Concen: 24.811 ppbv
RT: 3.93 min Scan# 355
Delta R.T. -0.03 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

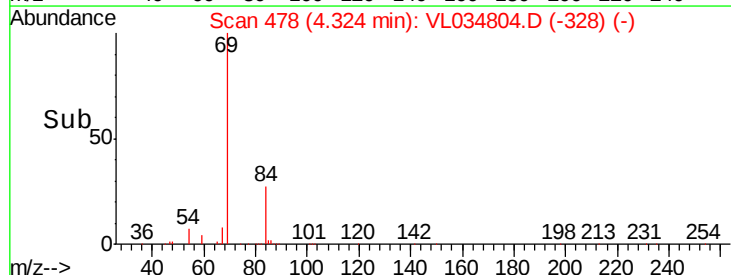
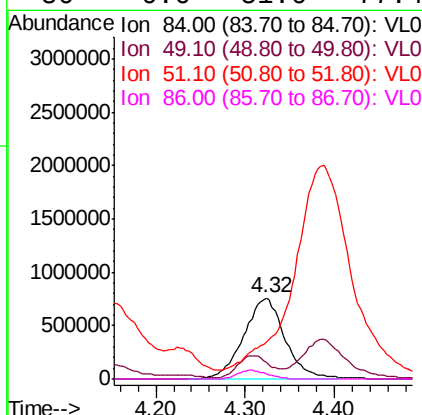
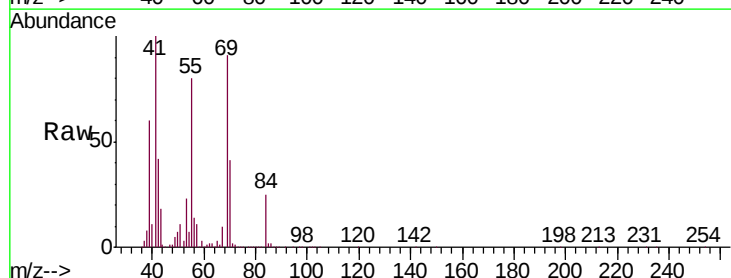
Instrument :
MSVOA_L
ClientSampleId :
SS-5-4

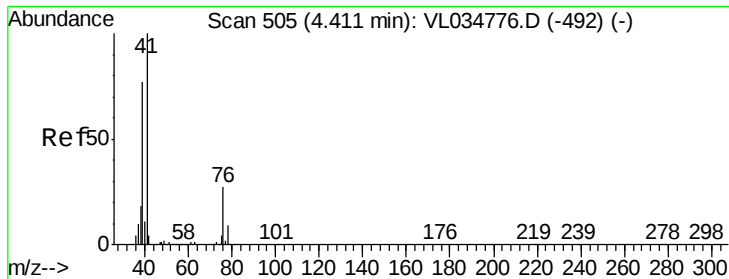
Tgt Ion: 45 Resp: 290047
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8#



#20
Methylene Chloride
Concen: 348.759 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

Tgt Ion: 84 Resp: 2428541
Ion Ratio Lower Upper
84 100
49 15.7 123.2 184.8#
51 11.4 37.4 56.2#
86 6.6 51.6 77.4#

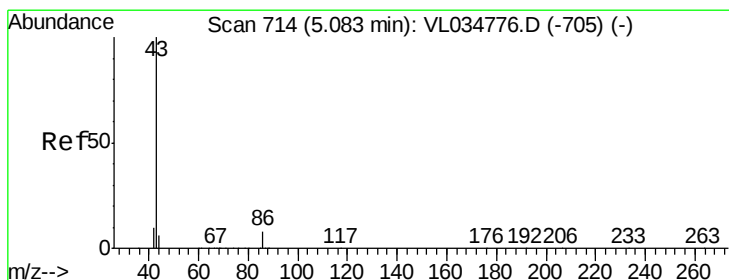
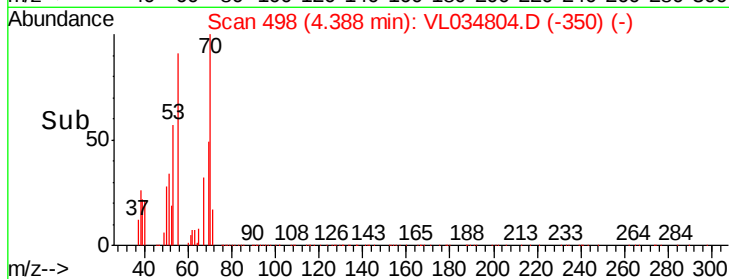
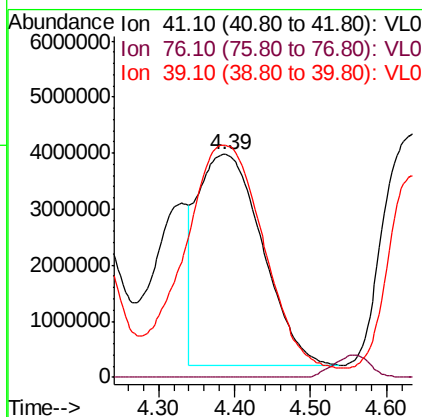
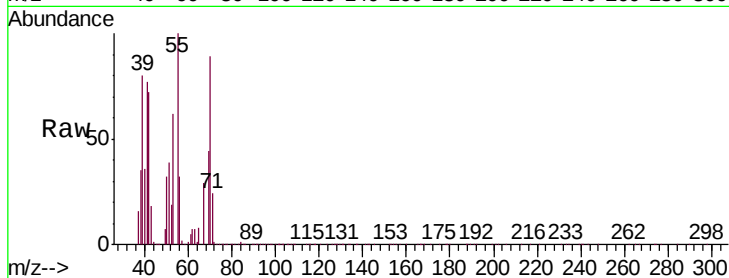




#21
 Allyl Chloride
 Concen: 1811.844 ppbv
 RT: 4.39 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: VL034804.D
 Acq: 5 Mar 2020 20:28

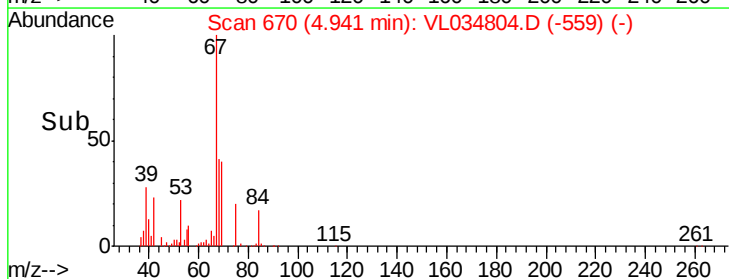
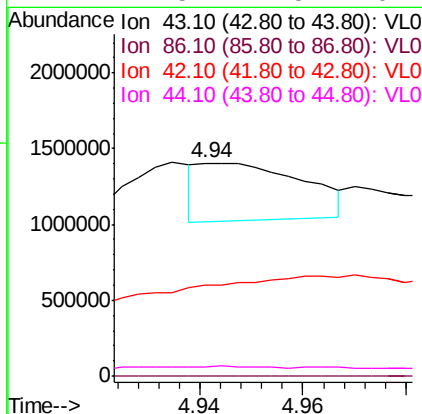
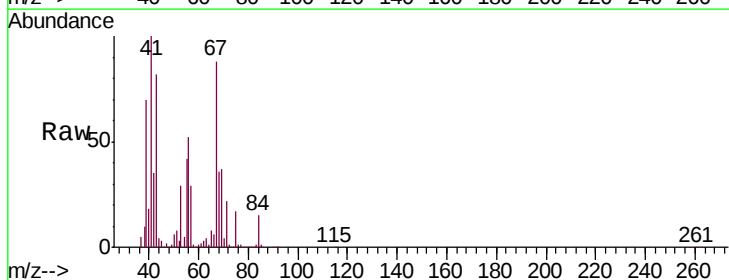
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-5-4

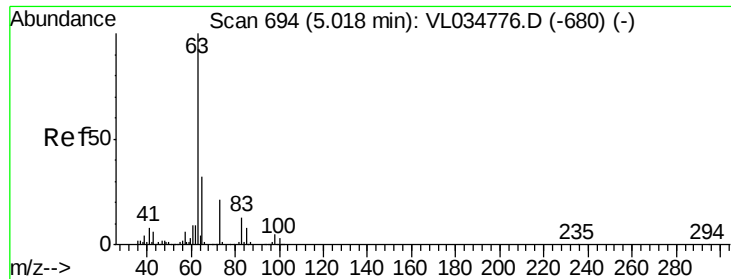
Tgt Ion: 41 Resp:22386147
 Ion Ratio Lower Upper
 41 100
 76 0.0 22.5 33.7#
 39 126.7 65.0 97.6#



#23
 Vinyl Acetate
 Concen: 20.450 ppbv
 RT: 4.94 min Scan# 670
 Delta R.T. -0.14 min
 Lab File: VL034804.D
 Acq: 5 Mar 2020 20:28

Tgt Ion: 43 Resp: 535033
 Ion Ratio Lower Upper
 43 100
 86 0.1 5.9 8.9#
 42 11.1 8.2 12.2
 44 1.5 4.5 6.7#

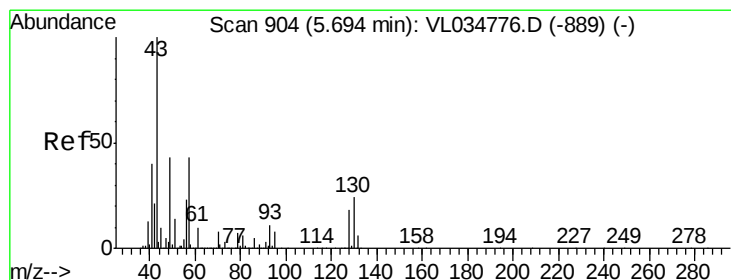
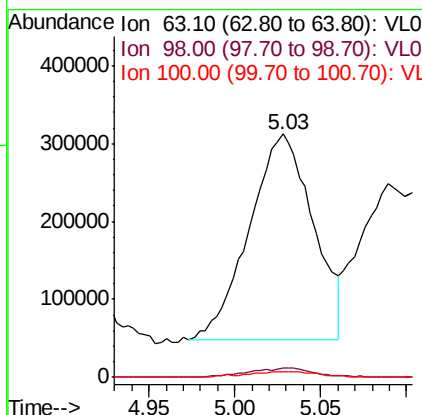
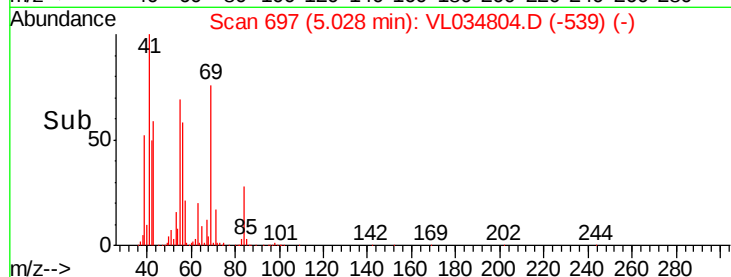
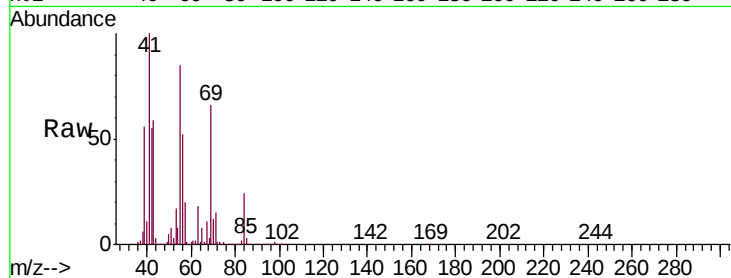




#24
1,1-Dichloroethane
Concen: 33.702 ppbv
RT: 5.03 min Scan# 697
Delta R.T. 0.01 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

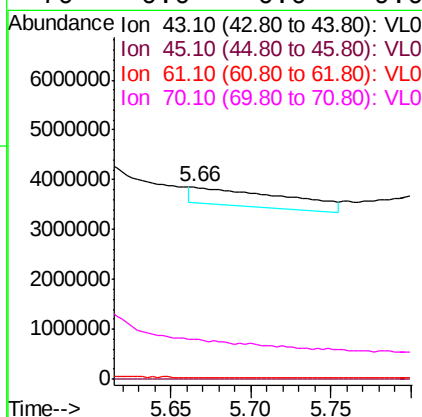
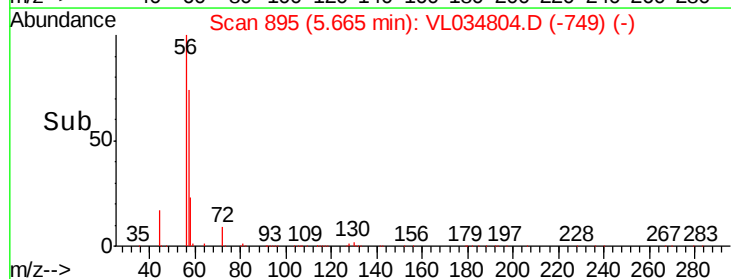
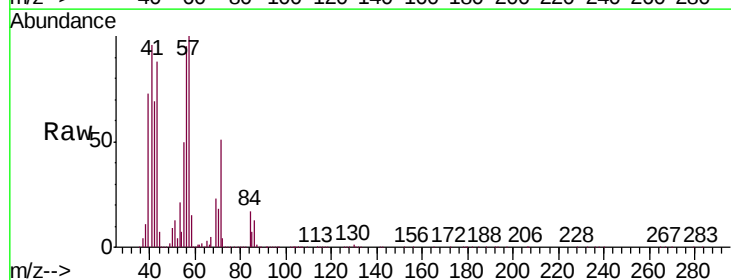
Instrument :
MSVOA_L
ClientSampleId :
SS-5-4

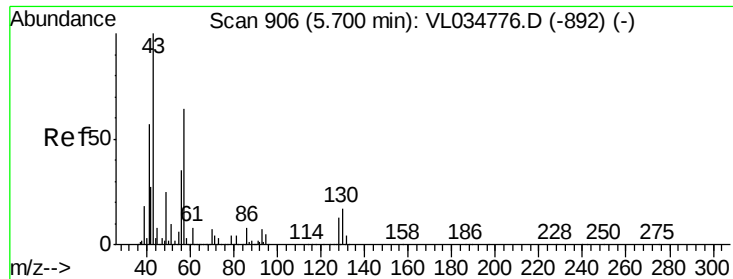
Tgt Ion: 63 Resp: 684375
Ion Ratio Lower Upper
63 100
98 4.4 2.3 6.8
100 2.7 1.5 4.4



#25
Ethyl Acetate
Concen: 42.822 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.03 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

Tgt Ion: 43 Resp: 1443764
Ion Ratio Lower Upper
43 100
45 0.9 8.2 12.4#
61 0.0 7.5 11.3#
70 0.0 6.0 9.0#

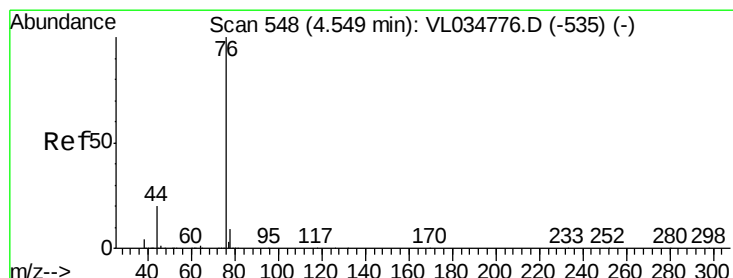
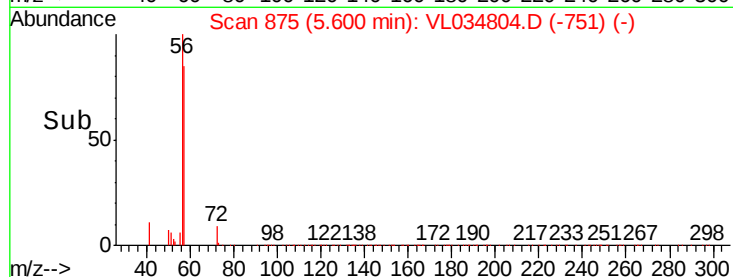
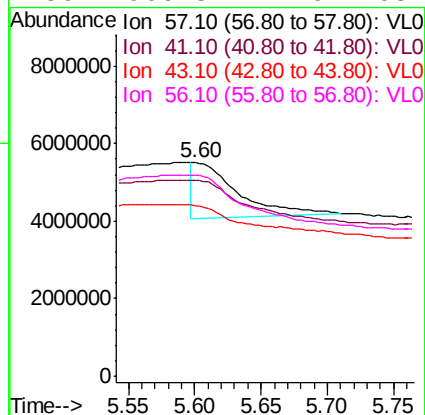
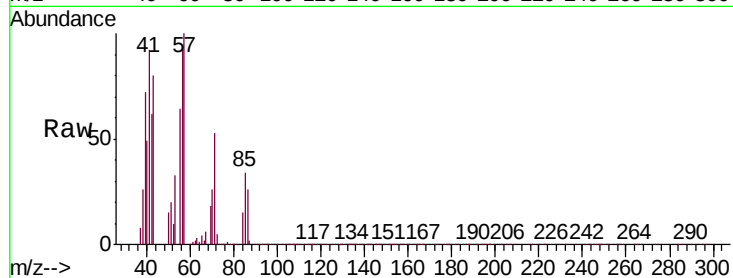




#26
Hexane
Concen: 226.325 ppbv
RT: 5.60 min Scan# 875
Delta R.T. -0.10 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

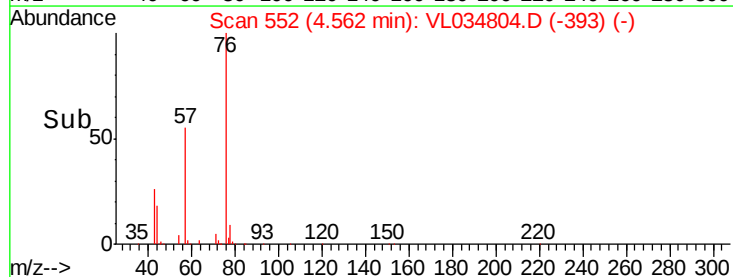
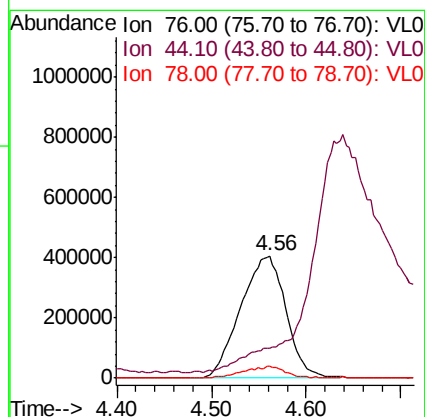
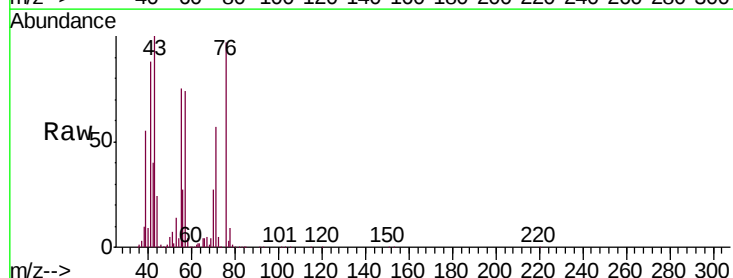
Instrument :
MSVOA_L
ClientSampleId :
SS-5-4

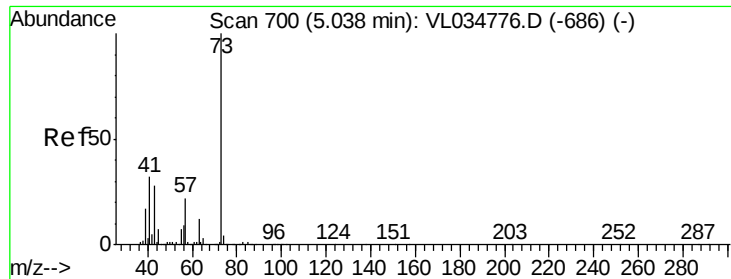
Tgt Ion: 57 Resp: 3333538
Ion Ratio Lower Upper
57 100
41 0.0 72.0 108.0#
43 0.0 179.1 268.7#
56 1966.3 42.6 63.8#



#27
Carbon Disulfide
Concen: 78.434 ppbv
RT: 4.56 min Scan# 552
Delta R.T. 0.01 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

Tgt Ion: 76 Resp: 1349598
Ion Ratio Lower Upper
76 100
44 0.0 16.1 24.1#
78 9.1 7.5 11.3

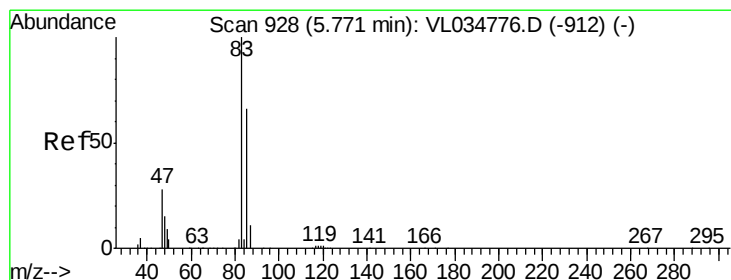
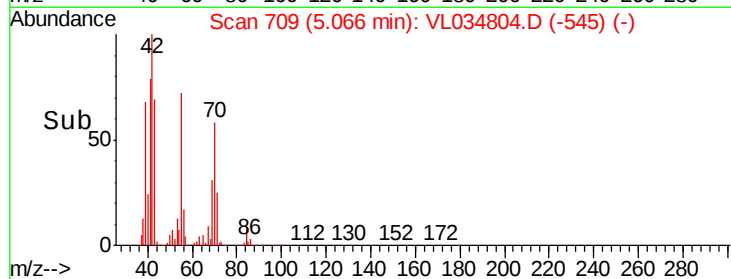
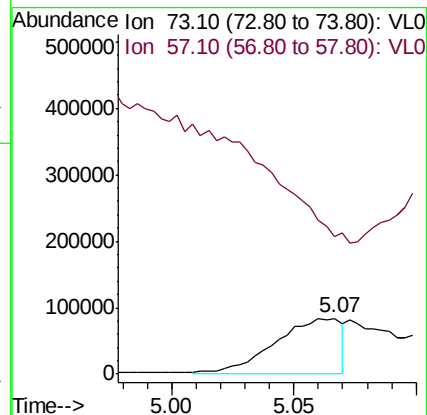
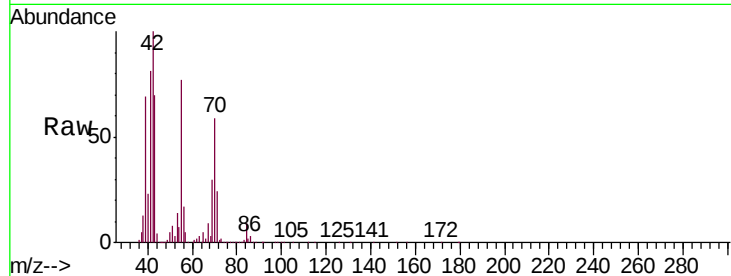




#28
Methyl tert-Butyl Ether
Concen: 7.090 ppbv
RT: 5.07 min Scan# 709
Delta R.T. 0.03 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

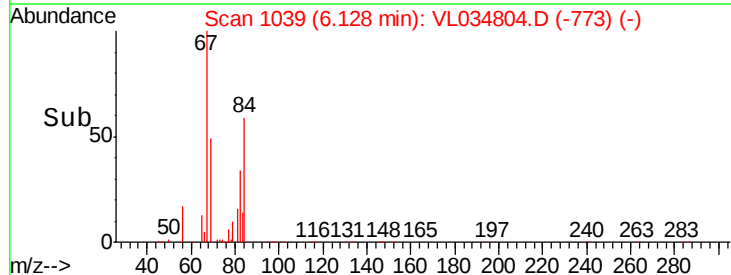
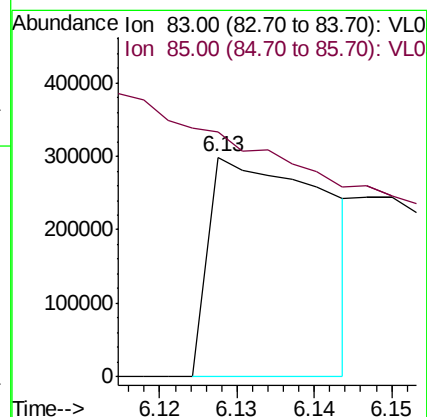
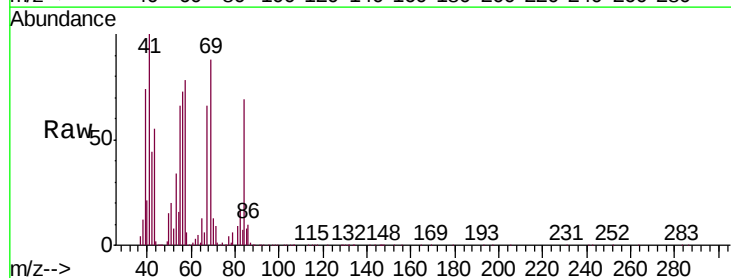
Instrument :
MSVOA_L
ClientSampleId :
SS-5-4

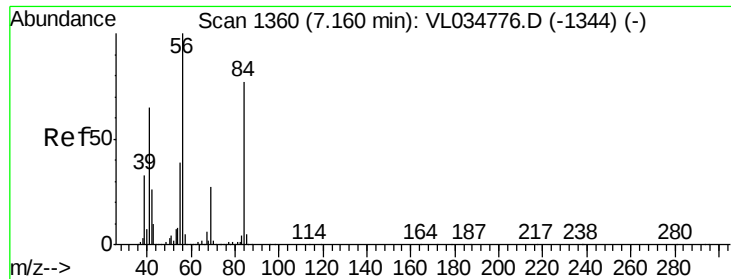
Tgt Ion: 73 Resp: 155438
Ion Ratio Lower Upper
73 100
57 0.0 18.5 27.7#



#29
Chloroform
Concen: 12.649 ppbv
RT: 6.13 min Scan# 1039
Delta R.T. 0.36 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

Tgt Ion: 83 Resp: 313617
Ion Ratio Lower Upper
83 100
85 24.9 53.0 79.4#

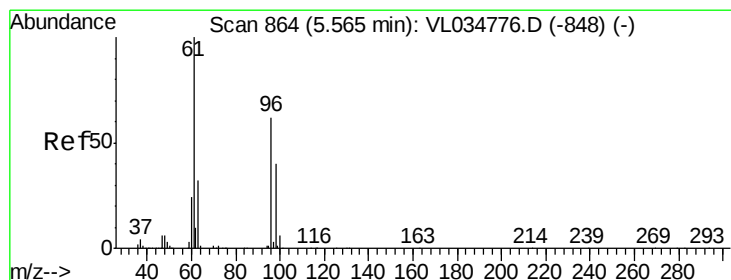
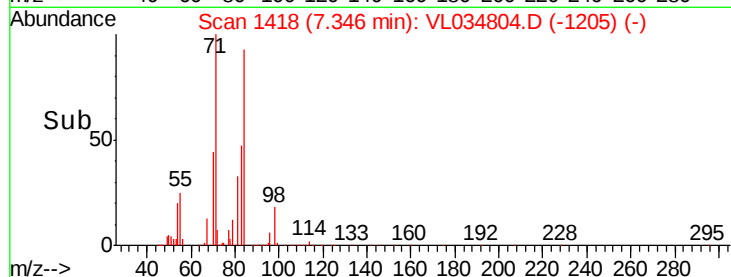
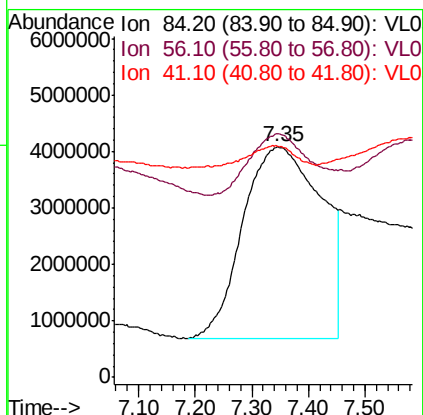
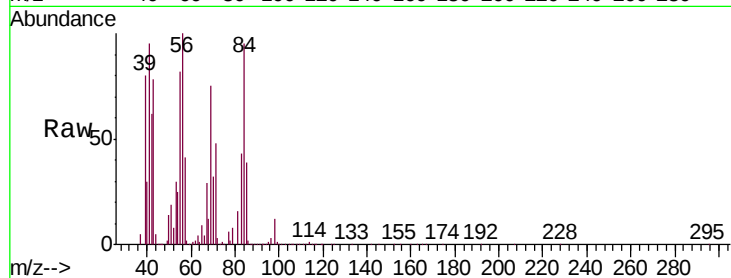




#30
Cyclohexane
Concen: 2893.148 ppbv
RT: 7.35 min Scan# 1418
Delta R.T. 0.19 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

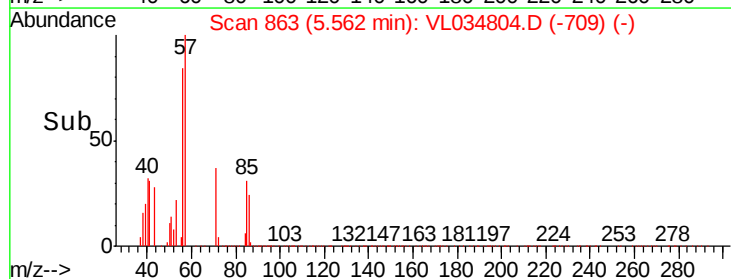
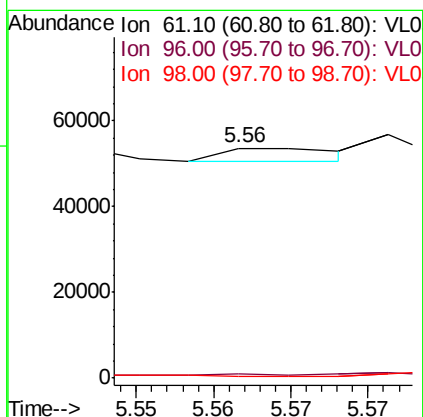
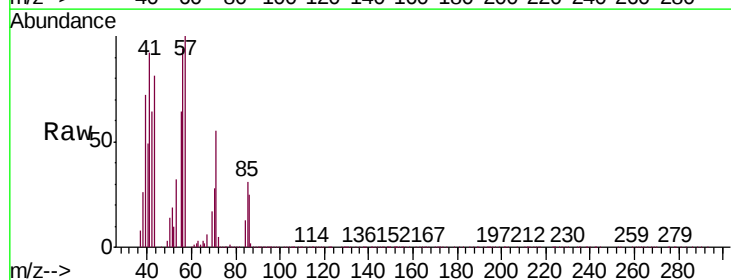
Instrument :
MSVOA_L
ClientSampleId :
SS-5-4

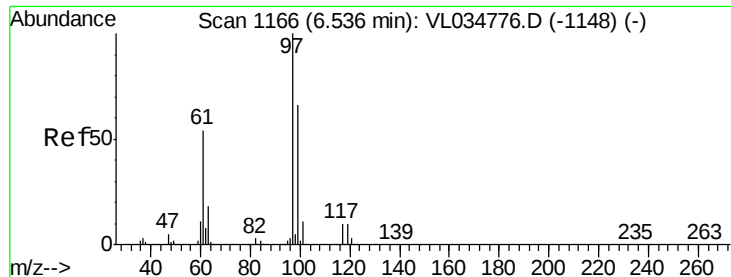
Tgt Ion: 84 Resp:32600720
Ion Ratio Lower Upper
84 100
56 26.7 113.2 169.8#
41 7.2 70.2 105.4#



#31
cis-1,2-Dichloroethene
Concen: 0.114 ppbv
RT: 5.56 min Scan# 863
Delta R.T. -0.00 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

Tgt Ion: 61 Resp: 1715
Ion Ratio Lower Upper
61 100
96 8.0 49.7 74.5#
98 0.0 31.9 47.9#





#32

1,1,1-Trichloroethane

Concen: 0.043 ppbv

RT: 6.38 min Scan# 1119

Delta R.T. -0.15 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

Instrument :

MSVOA_L

ClientSampleId :

SS-5-4

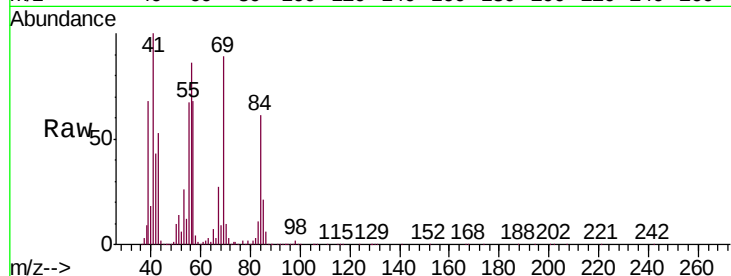
Tgt Ion: 97 Resp: 1063

Ion Ratio Lower Upper

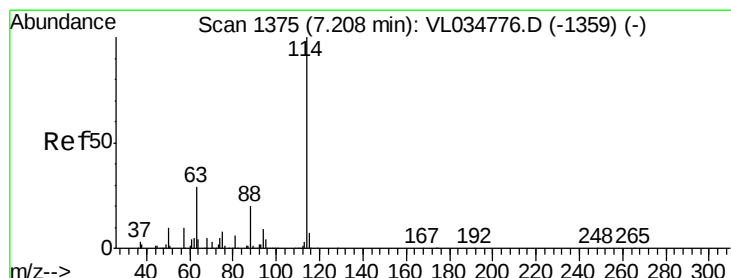
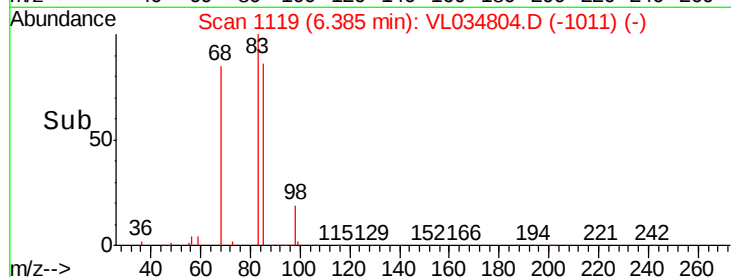
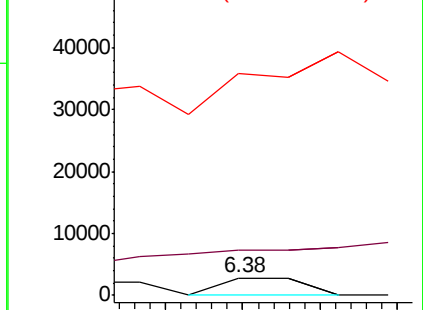
97 100

99 17551.5 51.7 77.5#

61 0.0 43.4 65.0#



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.25 min Scan# 1387

Delta R.T. 0.04 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

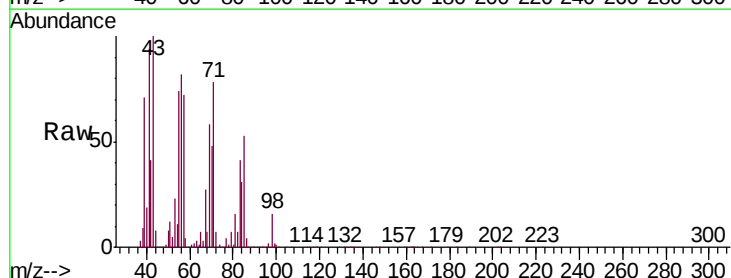
Tgt Ion: 114 Resp: 4175

Ion Ratio Lower Upper

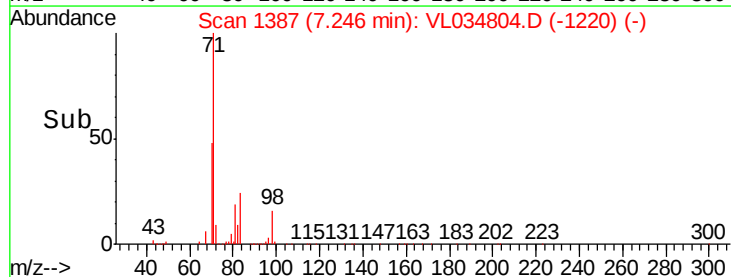
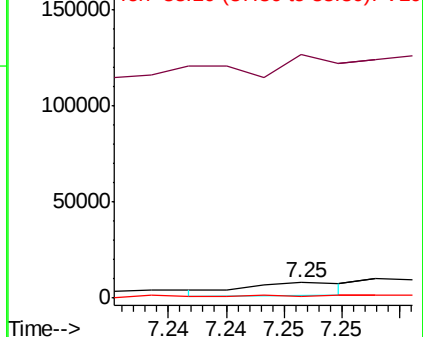
114 100

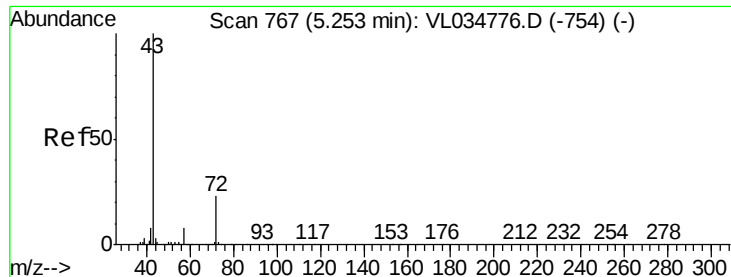
63 0.0 23.6 35.4#

88 0.0 15.8 23.8#



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

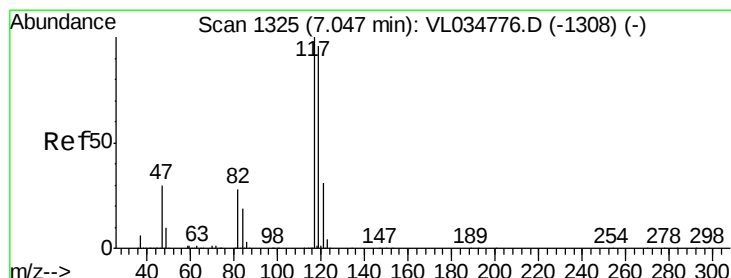
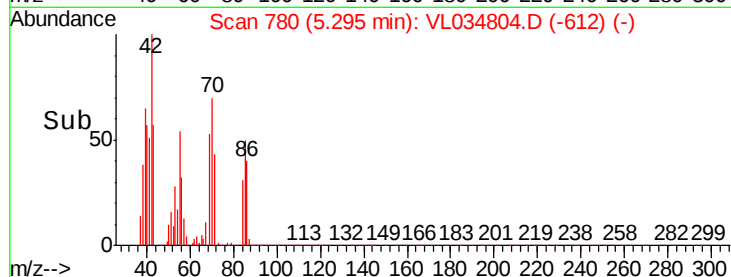
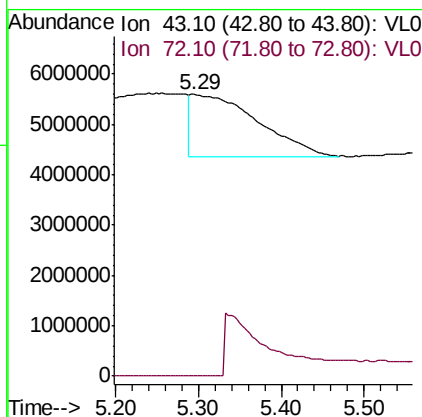
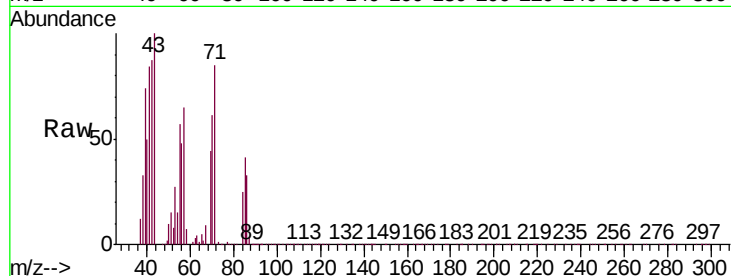




#34
2-Butanone
Concen: 25223.209 ppbv
RT: 5.29 min Scan# 780
Delta R.T. 0.04 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

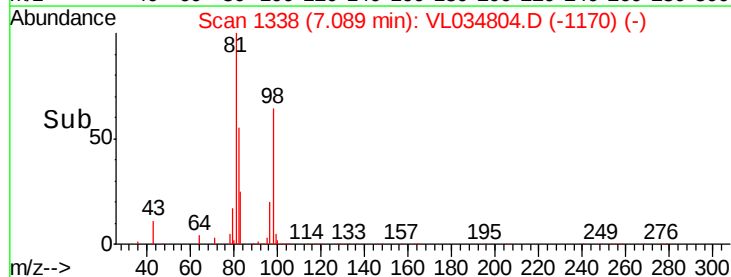
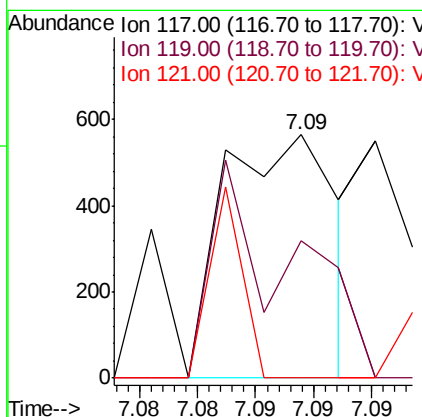
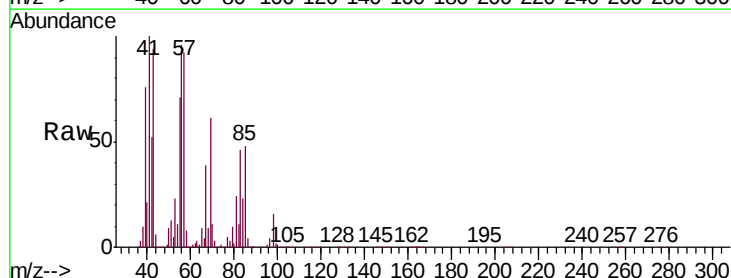
Instrument :
MSVOA_L
ClientSampleId :
SS-5-4

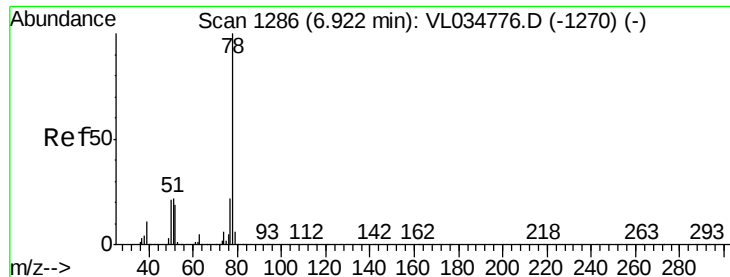
Tgt Ion: 43 Resp: 6851003
Ion Ratio Lower Upper
43 100
72 97.8 17.5 26.3#



#35
Carbon Tetrachloride
Concen: 1.209 ppbv
RT: 7.09 min Scan# 1338
Delta R.T. 0.04 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

Tgt Ion: 117 Resp: 381
Ion Ratio Lower Upper
117 100
119 56.5 76.8 115.2#
121 0.0 24.6 37.0#





#36

Benzene

Concen: 82.109 ppbv

RT: 6.97 min Scan# 1300

Delta R.T. 0.04 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

Instrument :

MSVOA_L

ClientSampleId :

SS-5-4

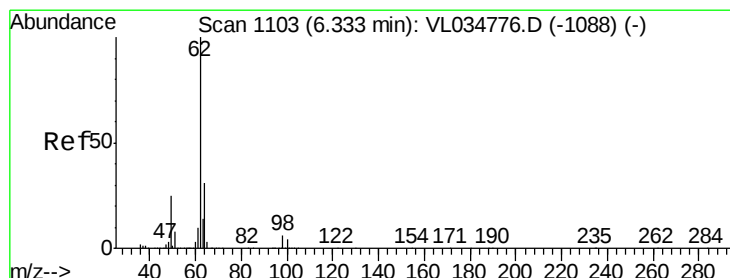
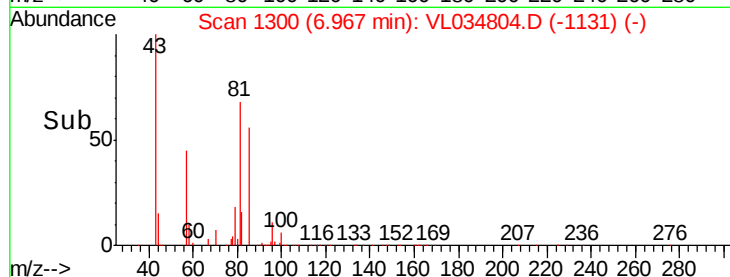
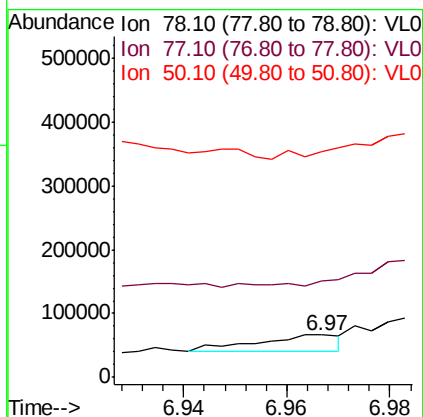
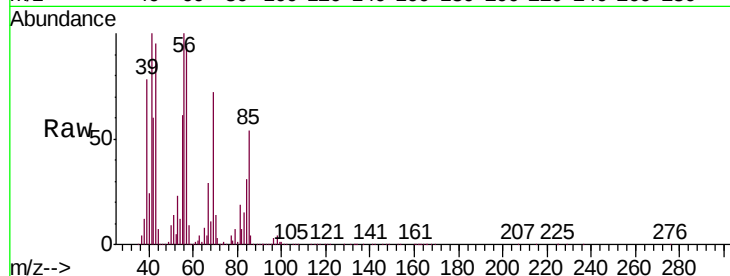
Tgt Ion: 78 Resp: 29293

Ion Ratio Lower Upper

78 100

77 27.9 18.0 27.0#

50 9.1 16.9 25.3#



#37

1,2-Dichloroethane

Concen: 19.049 ppbv

RT: 6.36 min Scan# 1112

Delta R.T. 0.03 min

Lab File: VL034804.D

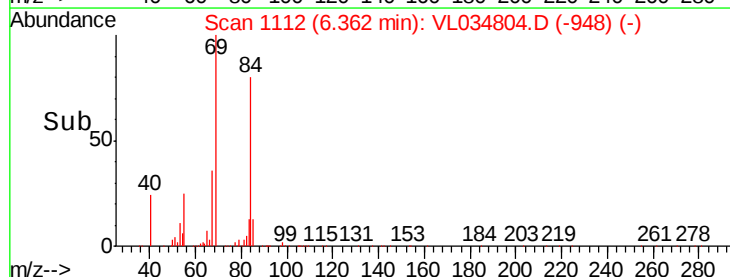
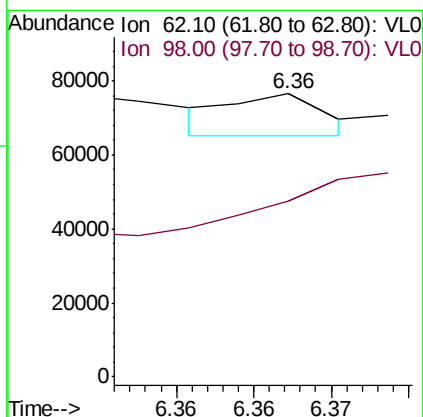
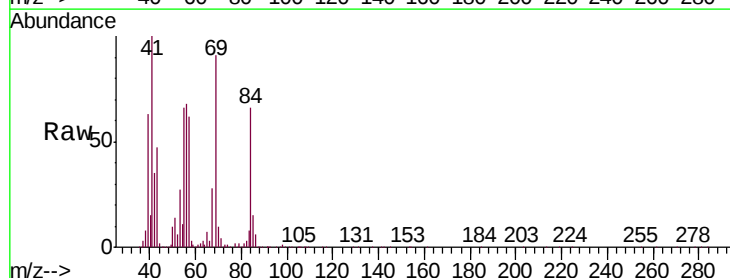
Acq: 5 Mar 2020 20:28

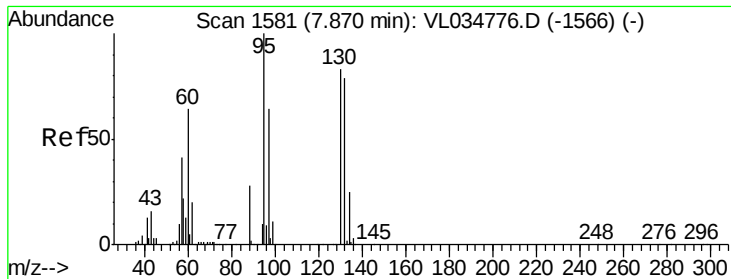
Tgt Ion: 62 Resp: 4642

Ion Ratio Lower Upper

62 100

98 0.0 4.4 6.6#

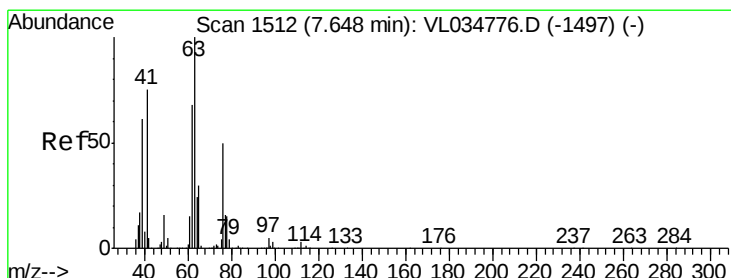
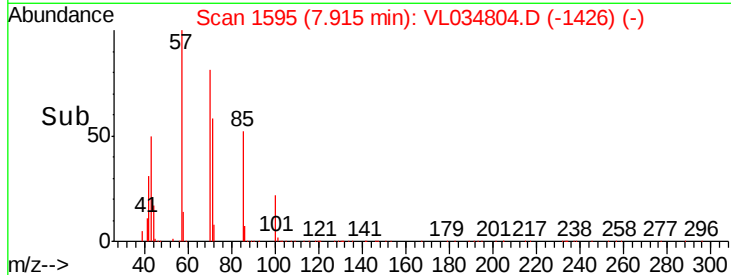
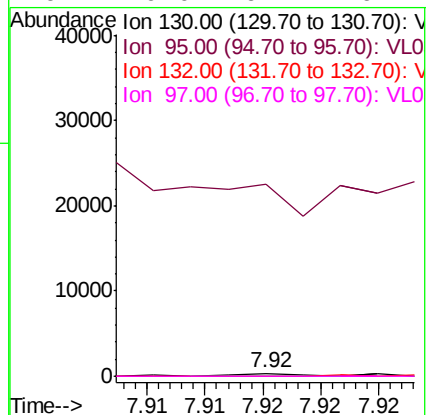
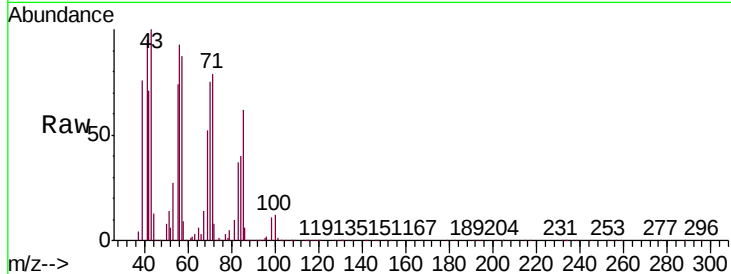




#38
 Trichloroethene
 Concen: 0.985 ppbv
 RT: 7.92 min Scan# 1595
 Delta R.T. 0.04 min
 Lab File: VL034804.D
 Acq: 5 Mar 2020 20:28

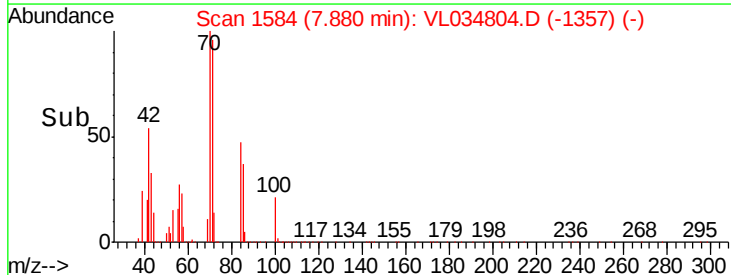
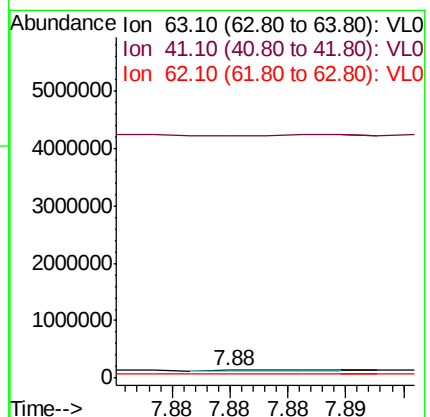
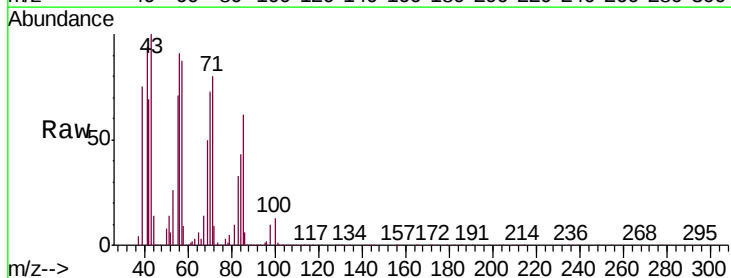
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-5-4

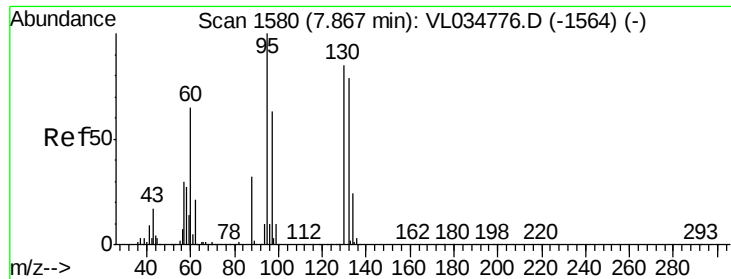
Tgt Ion:130 Resp: 137
 Ion Ratio Lower Upper
 130 100
 95 91.6 95.8 143.8#
 132 0.0 76.1 114.1#
 97 0.0 61.1 91.7#



#39
 1,2-Dichloropropane
 Concen: 43.195 ppbv
 RT: 7.88 min Scan# 1584
 Delta R.T. 0.23 min
 Lab File: VL034804.D
 Acq: 5 Mar 2020 20:28

Tgt Ion: 63 Resp: 6219
 Ion Ratio Lower Upper
 63 100
 41 73.6 60.3 90.5
 62 54.5 54.5 81.7

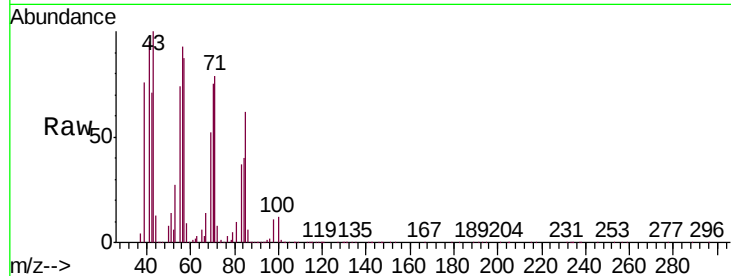




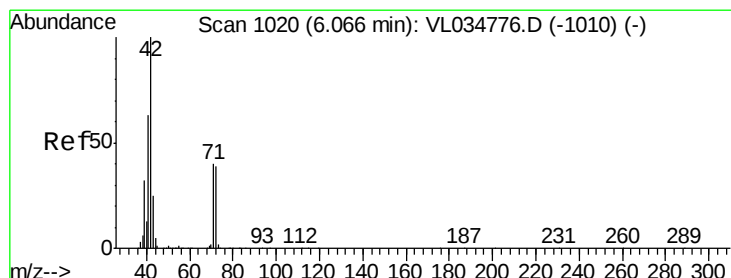
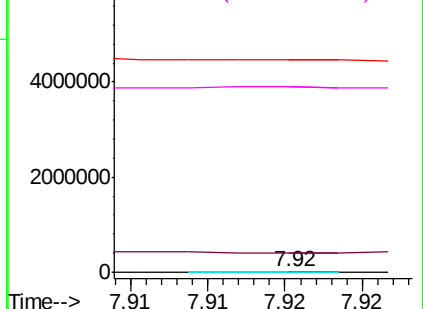
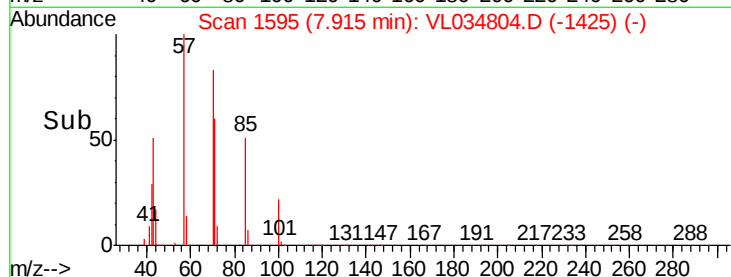
#40
1,4-Dioxane
Concen: 8.816 ppbv
RT: 7.92 min Scan# 1595
Delta R.T. 0.05 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

Instrument :
MSVOA_L
ClientSampleId :
SS-5-4

Tgt Ion: 88 Resp: 439
Ion Ratio Lower Upper
88 100
58 0.0 110.6 166.0#
43 0.0 0.0 0.0
57 0.0 0.0 0.0

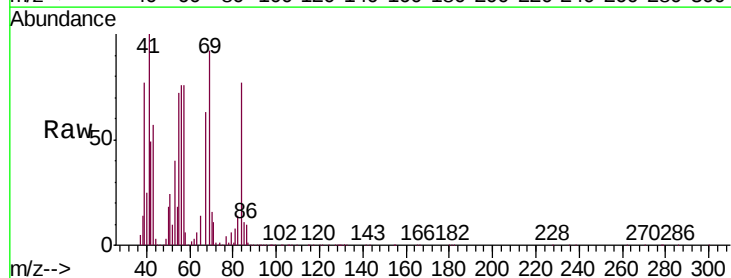


Abundance Ion 88.10 (87.80 to 88.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 57.10 (56.80 to 57.80): VL0

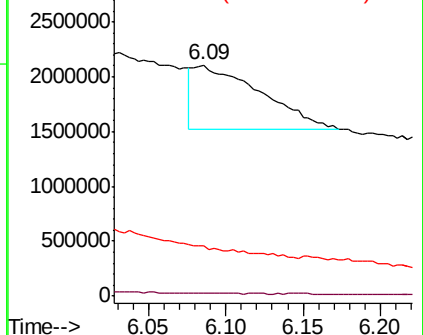
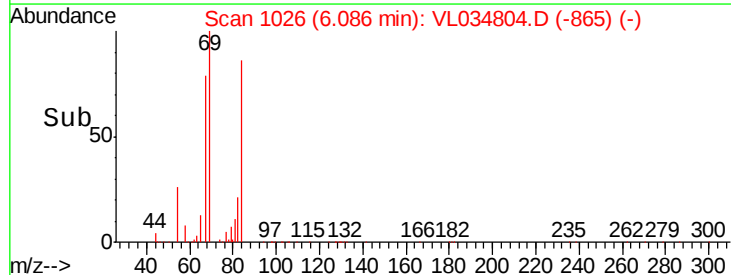


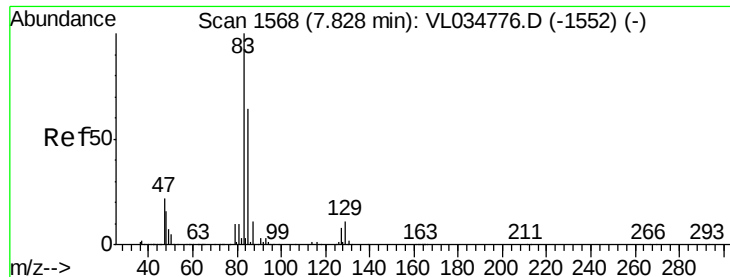
#41
Tetrahydrofuran
Concen: 12704.472 ppbv
RT: 6.09 min Scan# 1026
Delta R.T. 0.02 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

Tgt Ion: 42 Resp: 1760680
Ion Ratio Lower Upper
42 100
72 1.8 32.0 48.0#
71 0.0 31.3 46.9#



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: 289.156 ppbv

RT: 7.91 min Scan# 1593

Delta R.T. 0.08 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

Instrument :

MSVOA_L

ClientSampleId :

SS-5-4

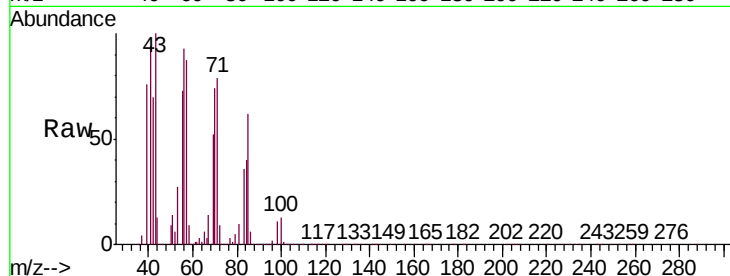
Tgt Ion: 83 Resp: 89154

Ion Ratio Lower Upper

83 100

85 4.7 50.8 76.2#

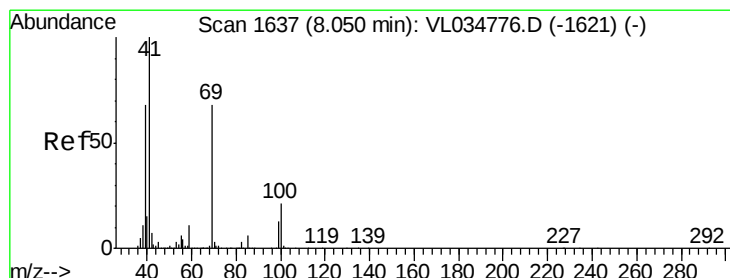
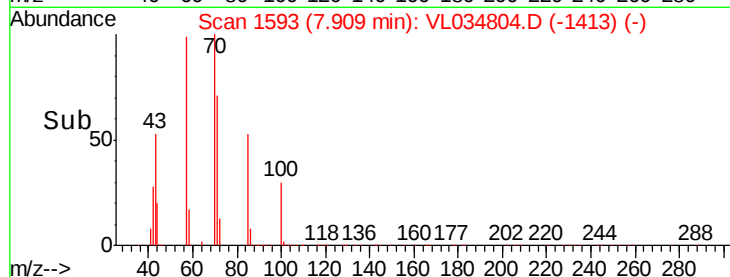
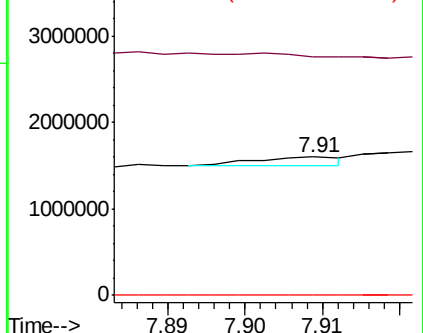
127 0.0 6.5 9.7#



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): VL0



#43

Methyl Methacrylate

Concen: 3533.290 ppbv

RT: 8.10 min Scan# 1651

Delta R.T. 0.04 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

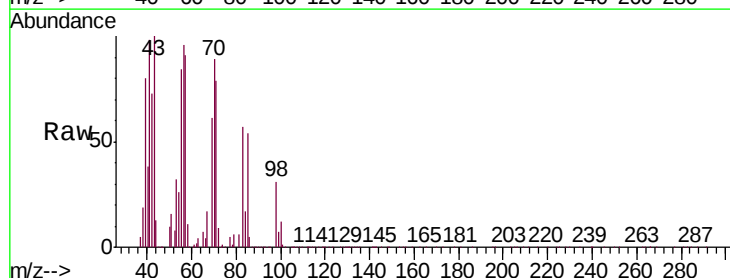
Tgt Ion: 69 Resp: 534150

Ion Ratio Lower Upper

69 100

41 0.0 121.6 182.4#

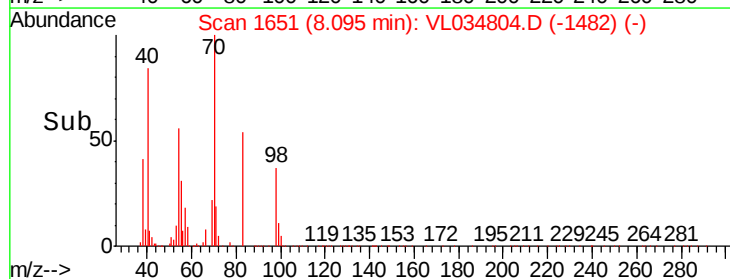
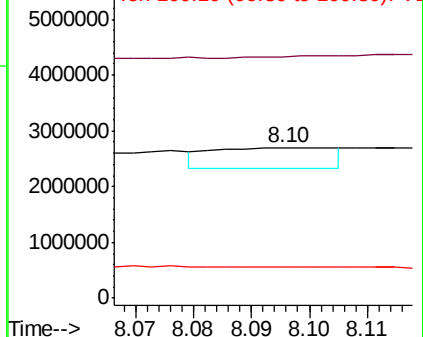
100 0.0 23.8 35.8#

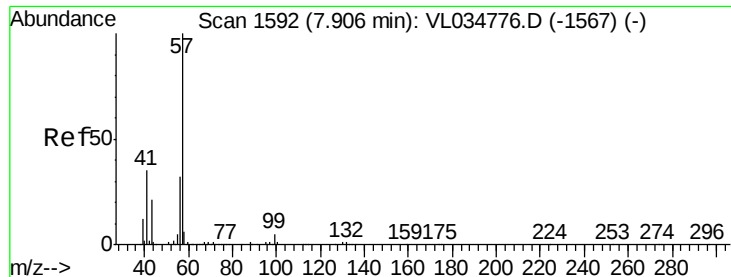


Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0

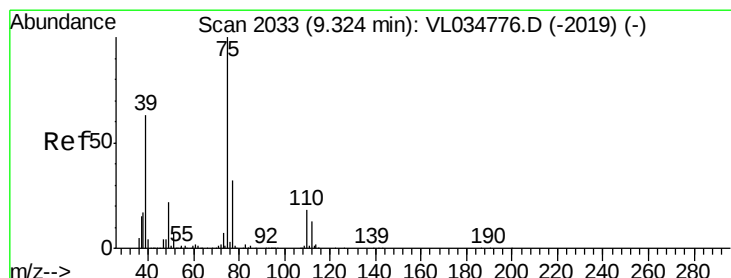
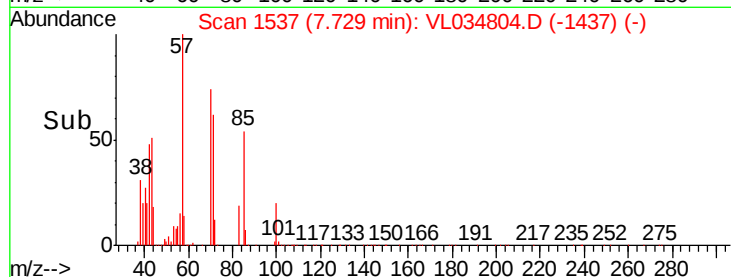
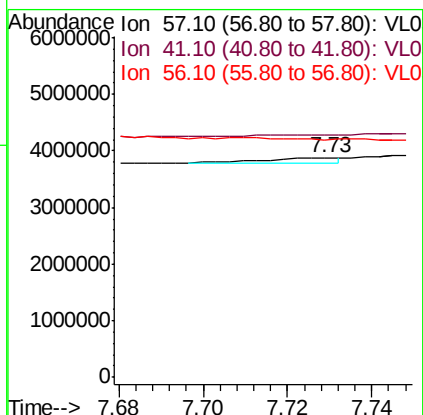
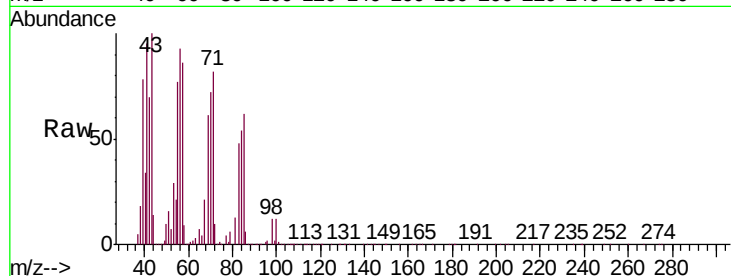




#44
 2,2,4-Trimethylpentane
 Concen: 159.535 ppbv
 RT: 7.73 min Scan# 1537
 Delta R.T. -0.18 min
 Lab File: VL034804.D
 Acq: 5 Mar 2020 20:28

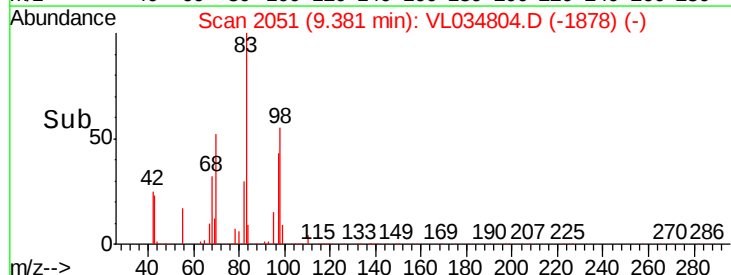
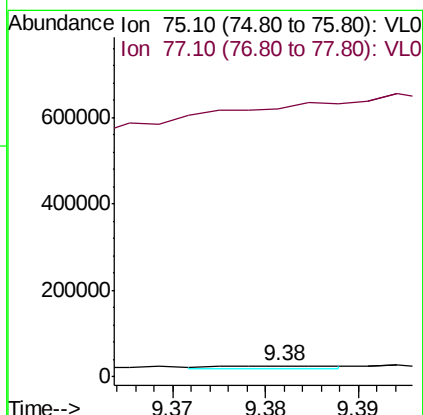
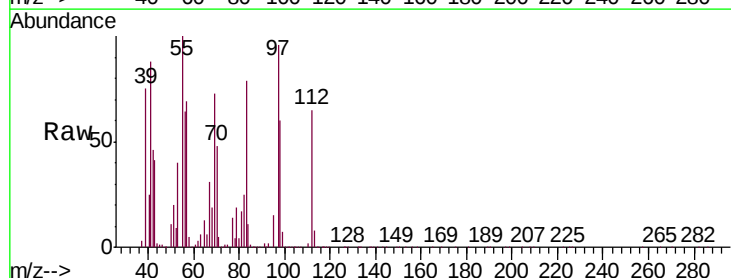
Instrument :
 MSVOA_L
 ClientSampleID :
 SS-5-4

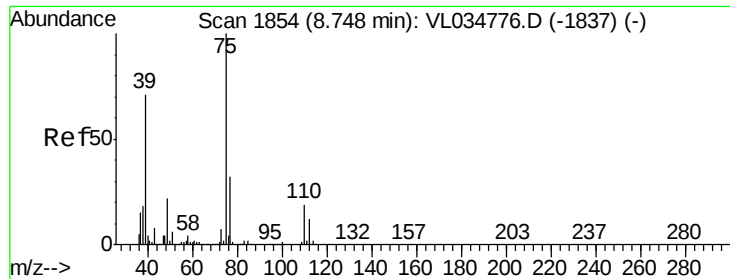
Tgt Ion: 57 Resp: 99461
 Ion Ratio Lower Upper
 57 100
 41 1584.0 27.4 41.0#
 56 0.0 25.0 37.6#



#45
 t-1,3-Dichloropropene
 Concen: 38.102 ppbv
 RT: 9.38 min Scan# 2051
 Delta R.T. 0.06 min
 Lab File: VL034804.D
 Acq: 5 Mar 2020 20:28

Tgt Ion: 75 Resp: 6047
 Ion Ratio Lower Upper
 75 100
 77 2359.9 25.6 38.4#



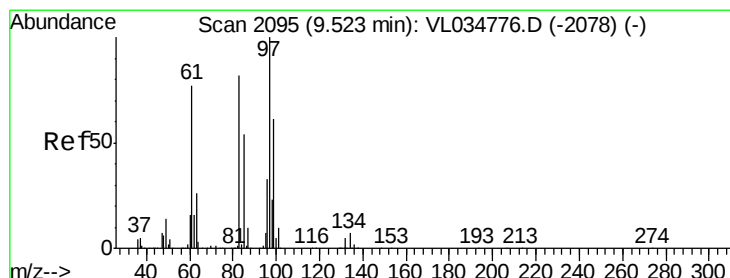
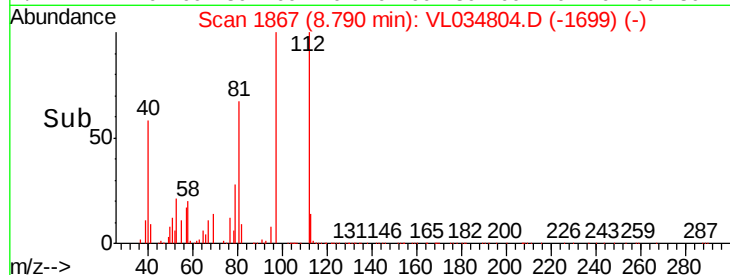
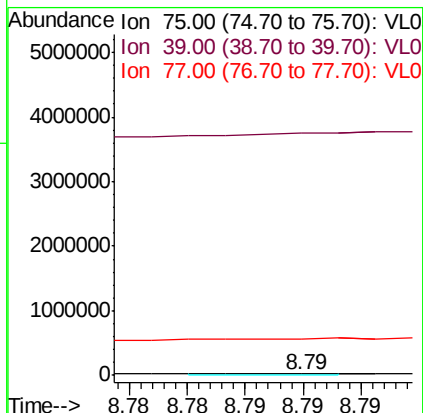
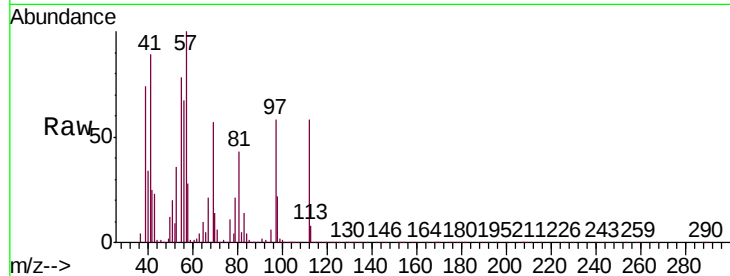


#46

cis-1,3-Dichloropropene
 Concen: 54.041 ppbv
 RT: 8.79 min Scan# 1867
 Delta R.T. 0.04 min
 Lab File: VL034804.D
 Acq: 5 Mar 2020 20:28

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-5-4

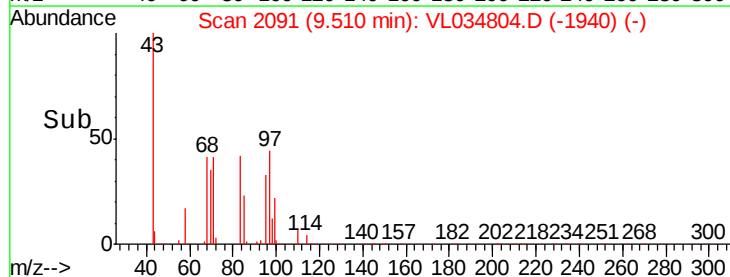
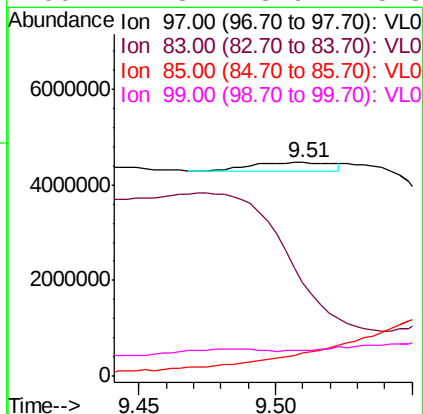
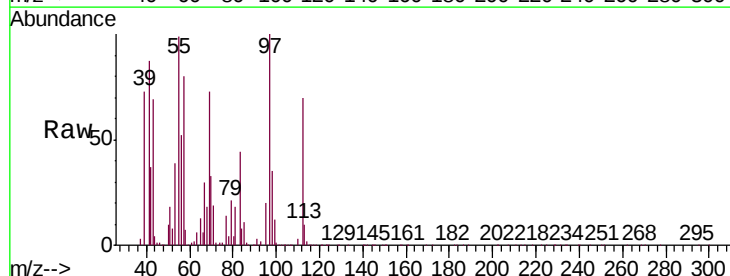
Tgt Ion: 75 Resp: 10473
 Ion Ratio Lower Upper
 75 100
 39 2395.7 56.9 85.3#
 77 1129.4 25.7 38.5#

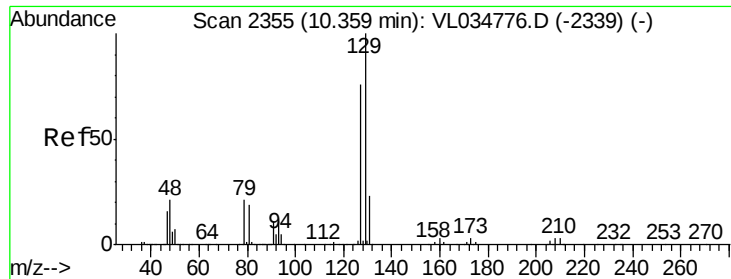


#47

1,1,2-Trichloroethane
 Concen: 2413.717 ppbv
 RT: 9.51 min Scan# 2091
 Delta R.T. -0.01 min
 Lab File: VL034804.D
 Acq: 5 Mar 2020 20:28

Tgt Ion: 97 Resp: 366891
 Ion Ratio Lower Upper
 97 100
 83 421.7 65.2 97.8#
 85 167.4 43.6 65.4#
 99 2.3 48.9 73.3#





#48

Dibromochloromethane

Concen: 0.656 ppbv

RT: 10.41 min Scan# 2371

Delta R.T. 0.05 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

Instrument :

MSVOA_L

ClientSampleId :

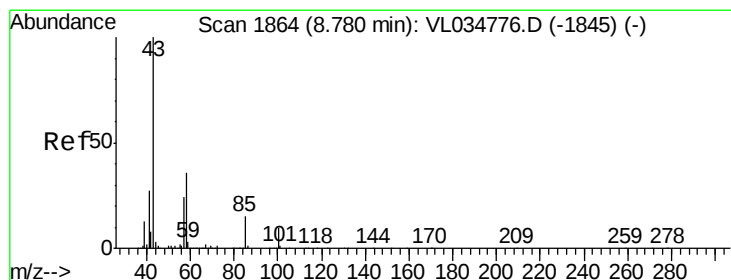
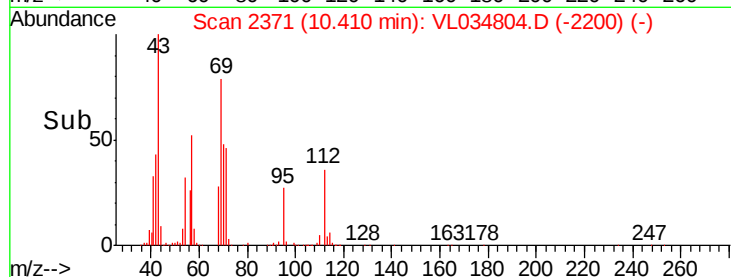
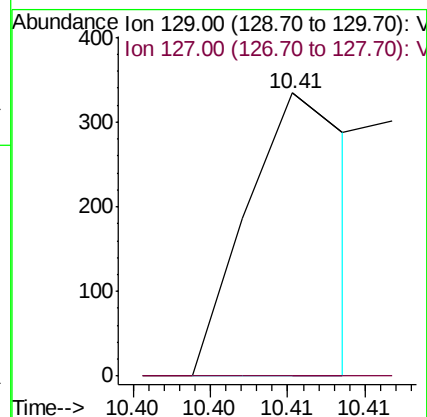
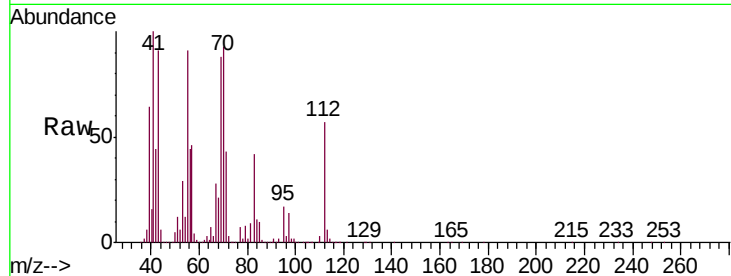
SS-5-4

Tgt Ion:129 Resp: 156

Ion Ratio Lower Upper

129 100

127 0.0 39.0 117.0#



#50

4-Methyl-2-Pentanone

Concen: 373.573 ppbv

RT: 8.93 min Scan# 1911

Delta R.T. 0.15 min

Lab File: VL034804.D

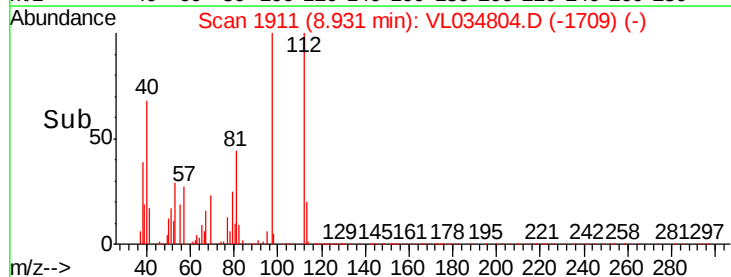
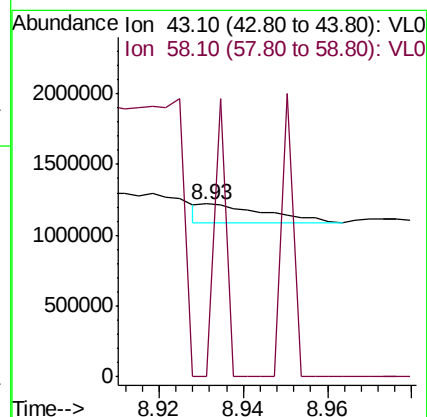
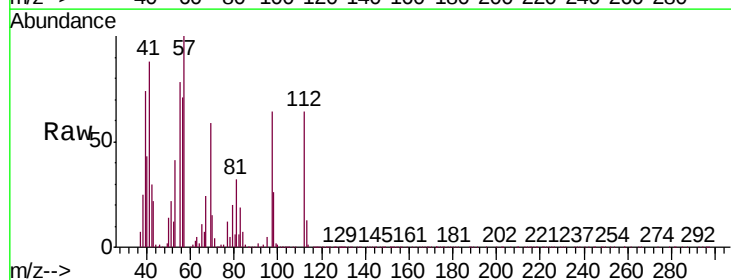
Acq: 5 Mar 2020 20:28

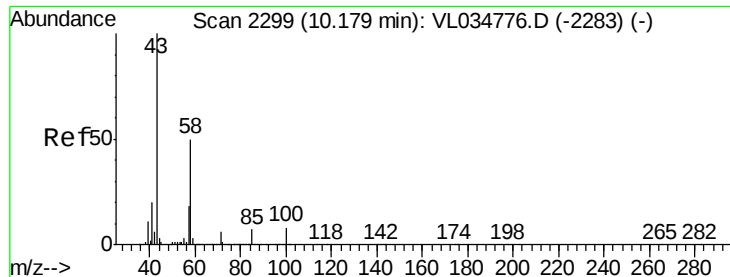
Tgt Ion: 43 Resp: 145389

Ion Ratio Lower Upper

43 100

58 11390.8 28.7 43.1#





#51

2-Hexanone

Concen: 1866.950 ppbv

RT: 10.27 min Scan# 2326

Delta R.T. 0.09 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

Instrument :

MSVOA_L

ClientSampled :

SS-5-4

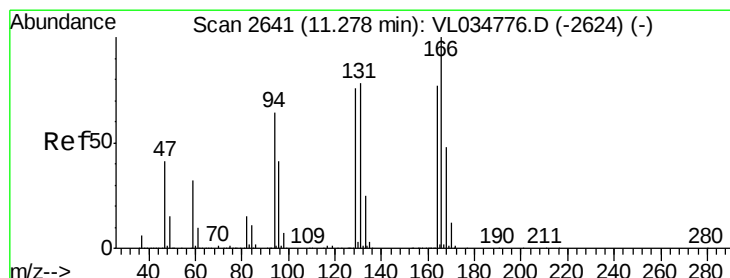
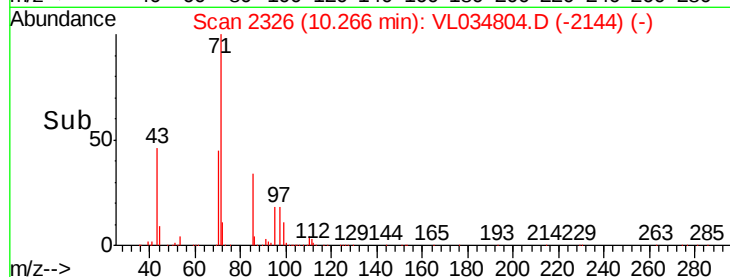
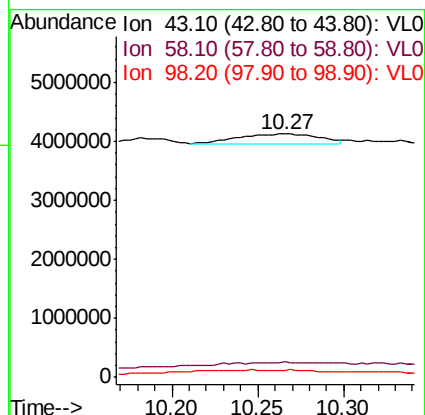
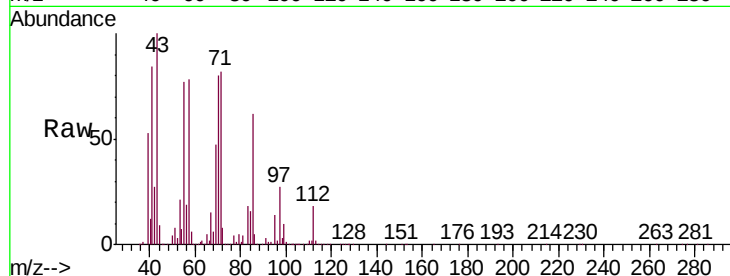
Tgt Ion: 43 Resp: 569968

Ion Ratio Lower Upper

43 100

58 529.1 38.6 58.0#

98 174.4 0.2 0.4#



#52

Tetrachloroethene

Concen: 2.671 ppbv

RT: 11.42 min Scan# 2685

Delta R.T. 0.14 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

Tgt Ion: 164 Resp: 352

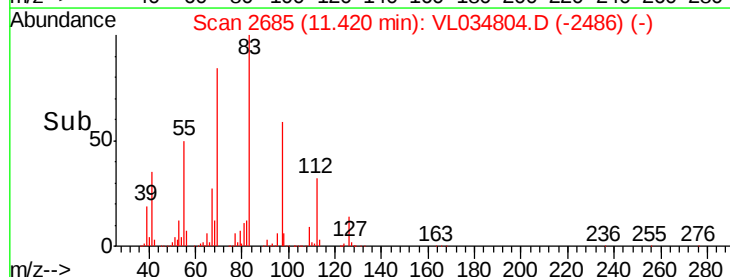
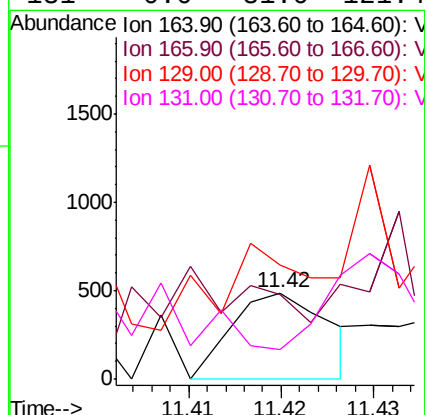
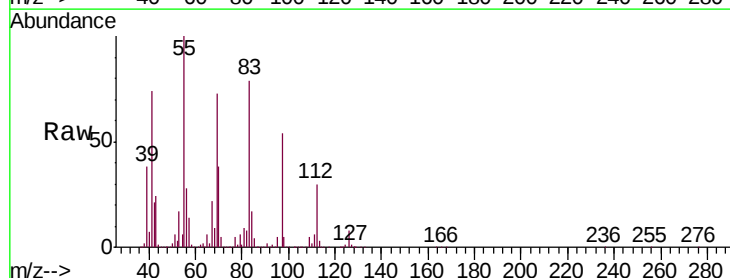
Ion Ratio Lower Upper

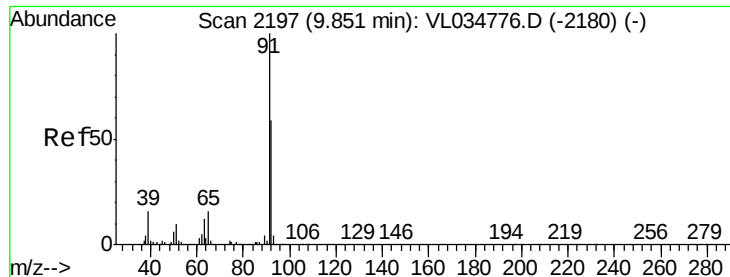
164 100

166 0.0 103.3 154.9#

129 15.4 79.0 118.4#

131 0.0 81.0 121.4#





#53

Toluene

Concen: 13.300 ppbv

RT: 9.90 min Scan# 2213

Delta R.T. 0.05 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

Instrument :

MSVOA_L

ClientSampleId :

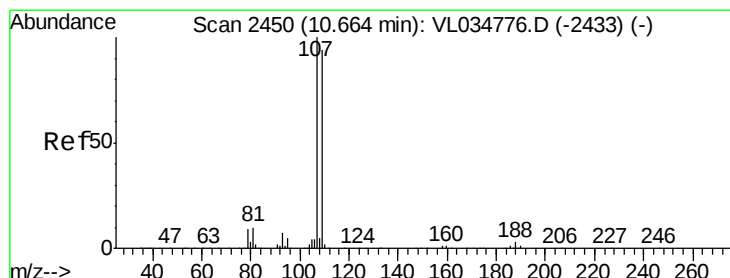
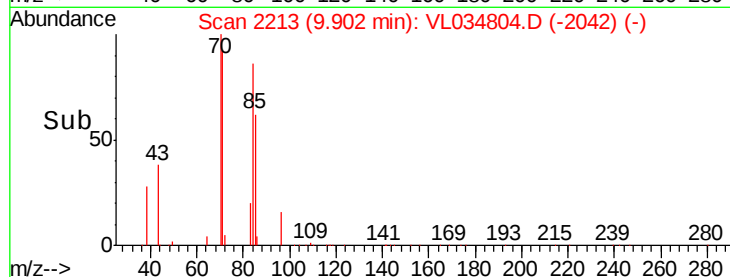
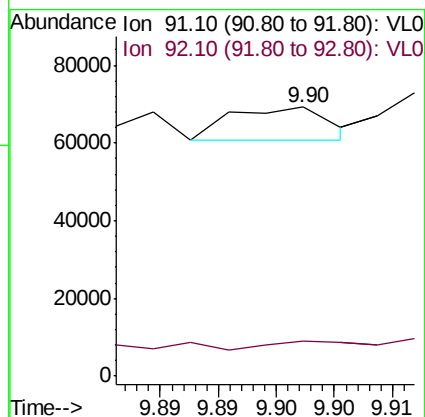
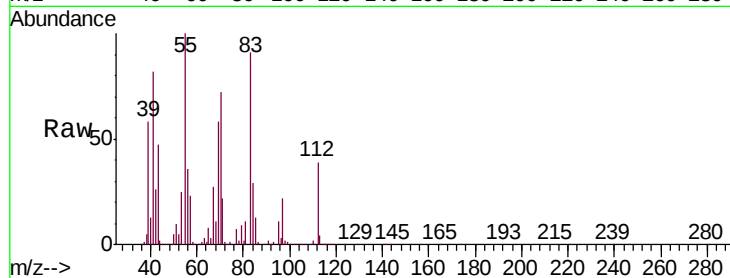
SS-5-4

Tgt Ion: 91 Resp: 5022

Ion Ratio Lower Upper

91 100

92 0.0 48.2 72.2#



#54

1,2-Dibromoethane

Concen: 1.068 ppbv

RT: 10.71 min Scan# 2465

Delta R.T. 0.05 min

Lab File: VL034804.D

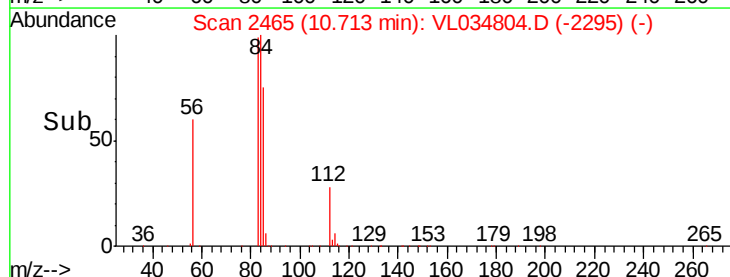
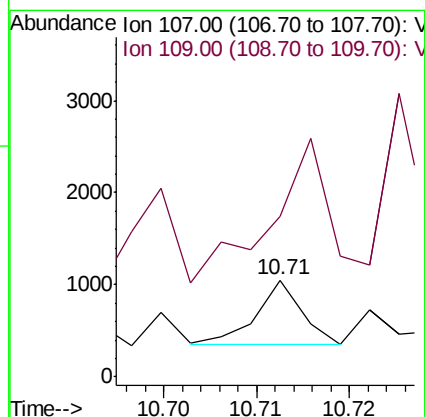
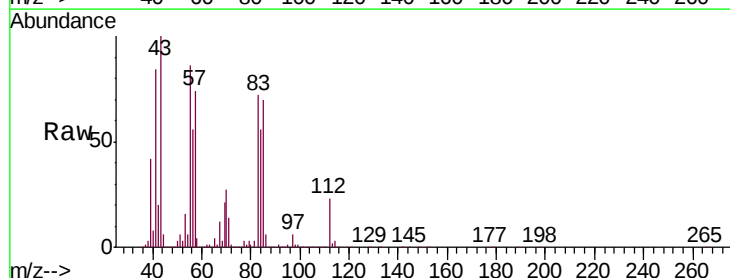
Acq: 5 Mar 2020 20:28

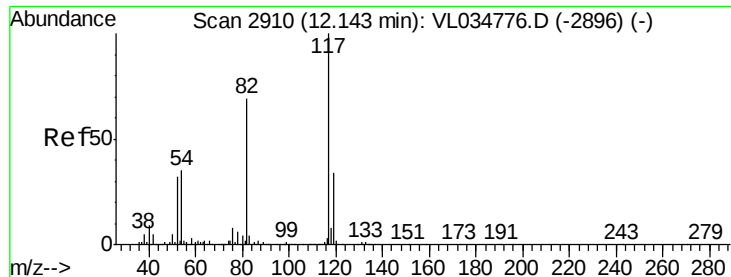
Tgt Ion: 107 Resp: 240

Ion Ratio Lower Upper

107 100

109 101.8 75.0 112.6

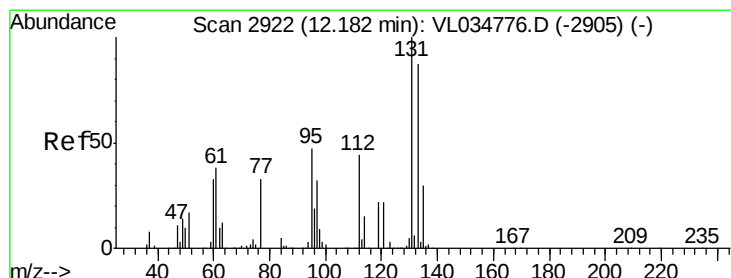
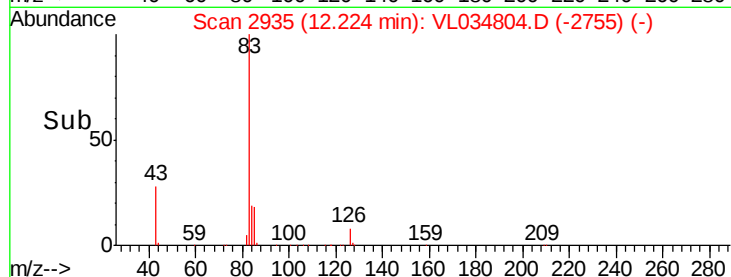
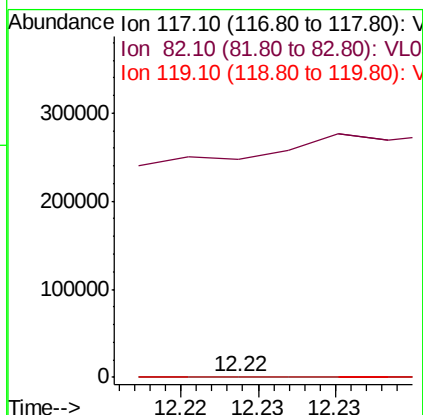
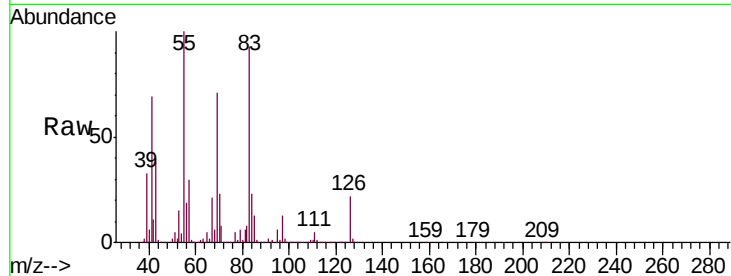




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.22 min Scan# 2935
Delta R.T. 0.08 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

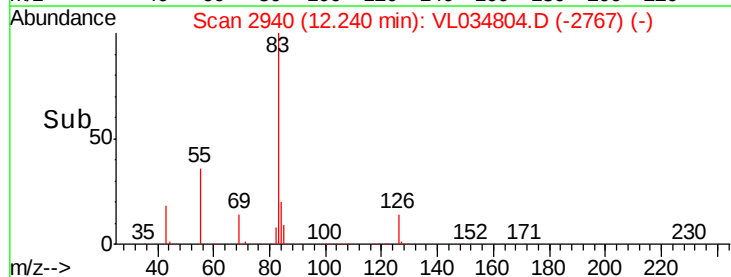
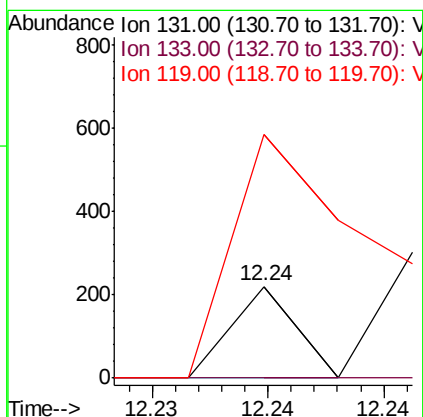
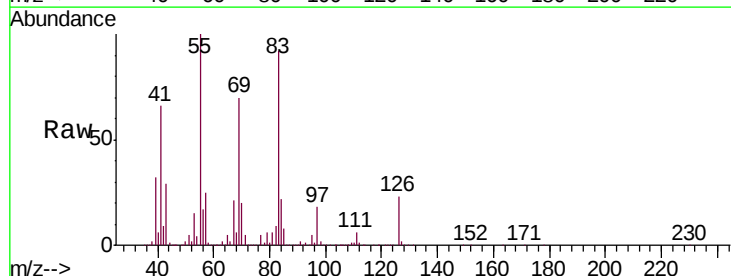
Instrument :
MSVOA_L
ClientSampleId :
SS-5-4

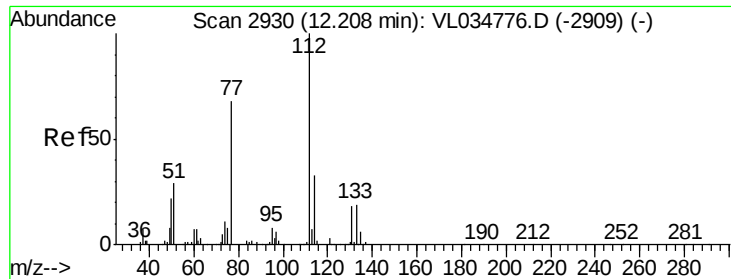
Tgt Ion:117 Resp: 194
Ion Ratio Lower Upper
117 100
82 0.0 53.9 80.9#
119 0.0 25.0 37.4#



#56
1,1,1,2-Tetrachloroethane
Concen: 4.886 ppbv
RT: 12.24 min Scan# 2940
Delta R.T. 0.06 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

Tgt Ion:131 Resp: 42
Ion Ratio Lower Upper
131 100
133 0.0 75.4 113.0#
119 0.0 110.5 165.7#

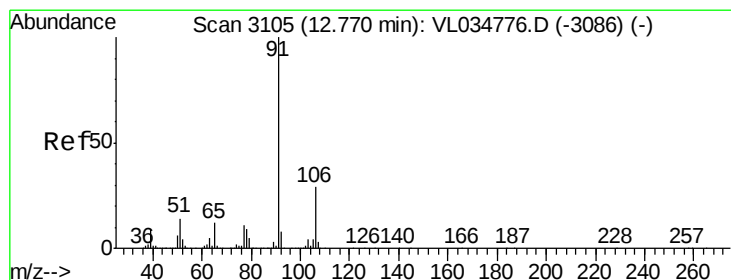
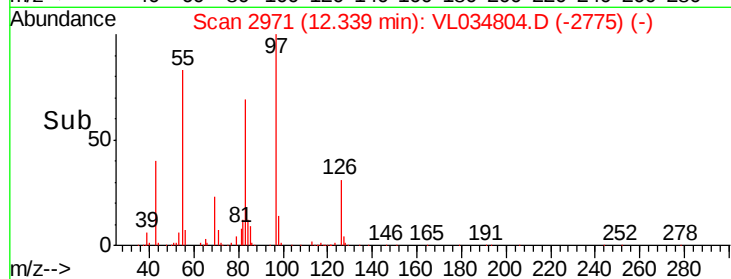
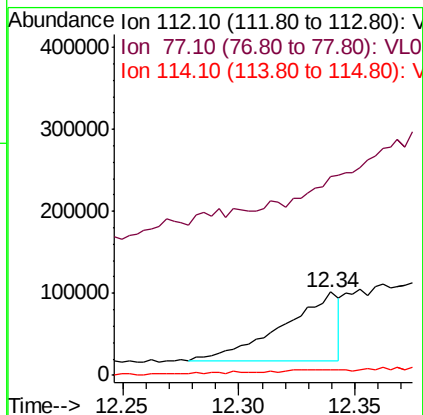
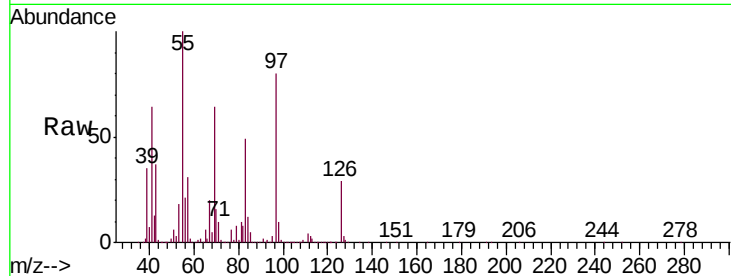




#57
Chlorobenzene
Concen: 9439.142 ppbv
RT: 12.34 min Scan# 2971
Delta R.T. 0.13 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

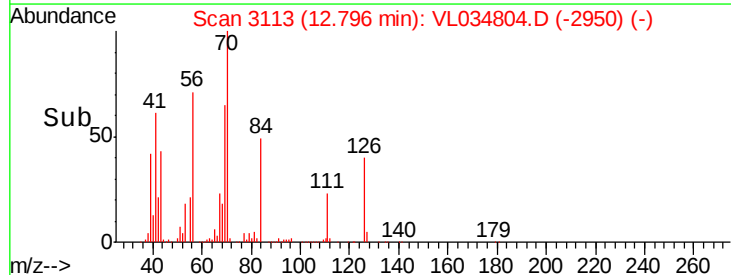
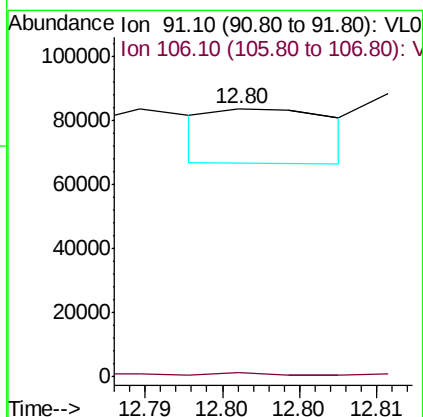
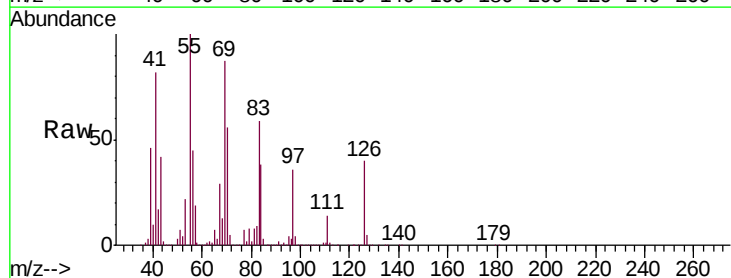
Instrument :
MSVOA_L
ClientSampleId :
SS-5-4

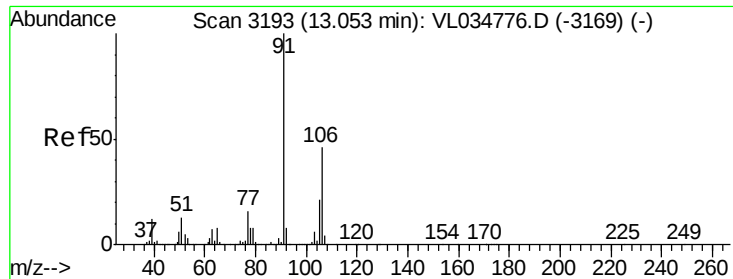
Tgt Ion: 112 Resp: 139883
Ion Ratio Lower Upper
112 100
77 71.5 55.6 83.4
114 6.0 29.4 36.0#



#58
Ethyl Benzene
Concen: 385.526 ppbv
RT: 12.80 min Scan# 3113
Delta R.T. 0.03 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

Tgt Ion: 91 Resp: 9217
Ion Ratio Lower Upper
91 100
106 27.7 22.8 34.2

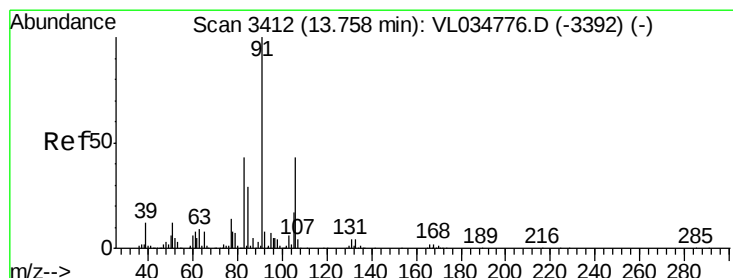
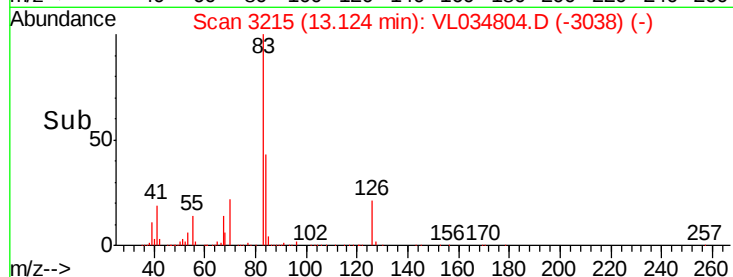
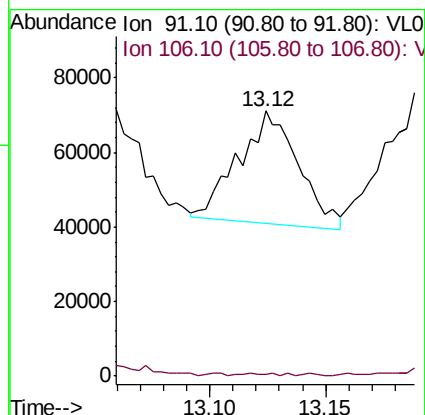
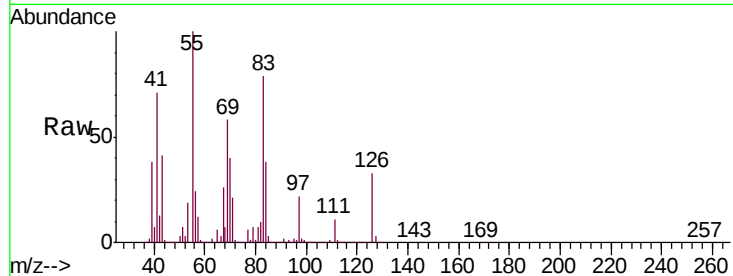




#59
m/p-Xylene
Concen: 2599.812 ppbv
RT: 13.12 min Scan# 3215
Delta R.T. 0.07 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

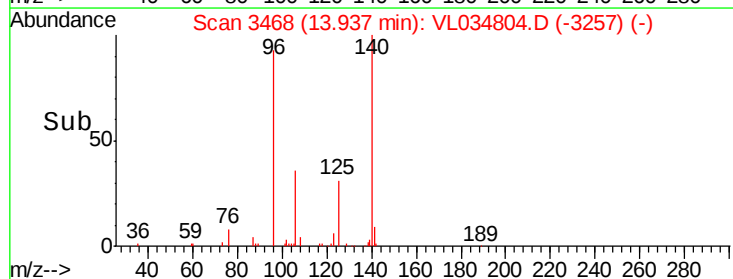
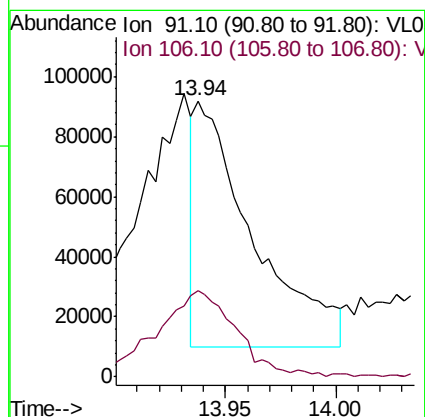
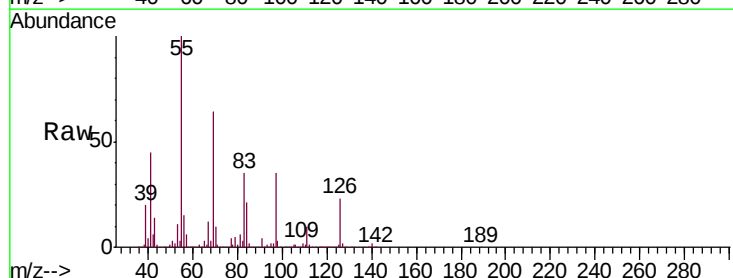
Instrument :
MSVOA_L
ClientSampled :
SS-5-4

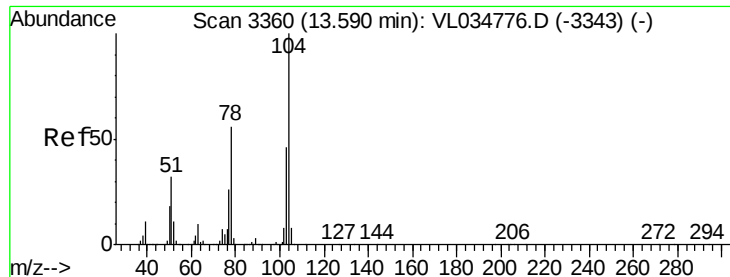
Tgt Ion: 91 Resp: 53804
Ion Ratio Lower Upper
91 100
106 0.0 35.8 53.8#



#60
o-Xylene
Concen: 7037.940 ppbv
RT: 13.94 min Scan# 3468
Delta R.T. 0.18 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

Tgt Ion: 91 Resp: 147368
Ion Ratio Lower Upper
91 100
106 53.0 21.7 65.1





#61

Styrene

Concen: 4.696 ppbv

RT: 13.68 min Scan# 3387

Delta R.T. 0.09 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

Instrument :

MSVOA_L

ClientSampleId :

SS-5-4

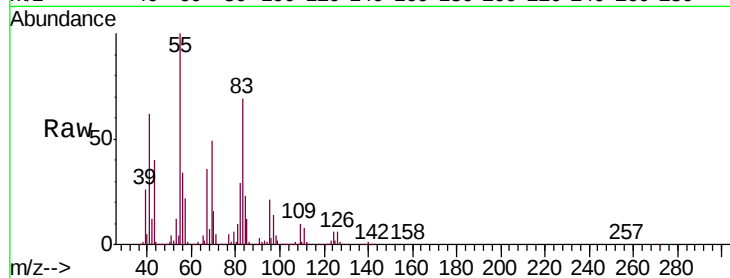
Tgt Ion:104 Resp: 61

Ion Ratio Lower Upper

104 100

78 0.0 44.7 67.1#

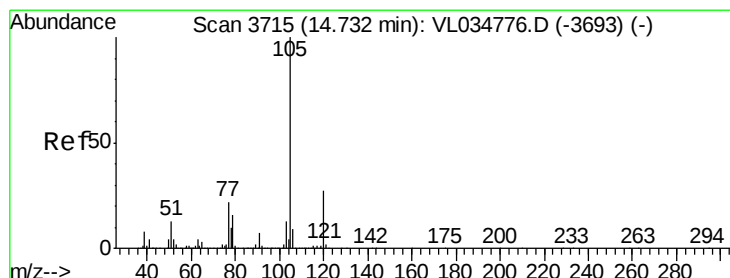
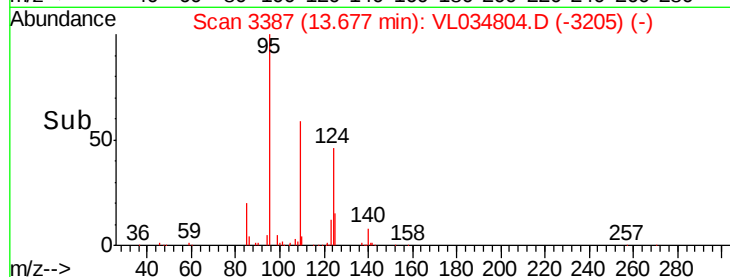
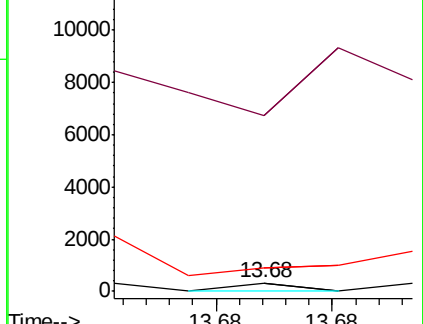
103 0.0 38.2 57.2#



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: 3990.929 ppbv

RT: 14.85 min Scan# 3752

Delta R.T. 0.12 min

Lab File: VL034804.D

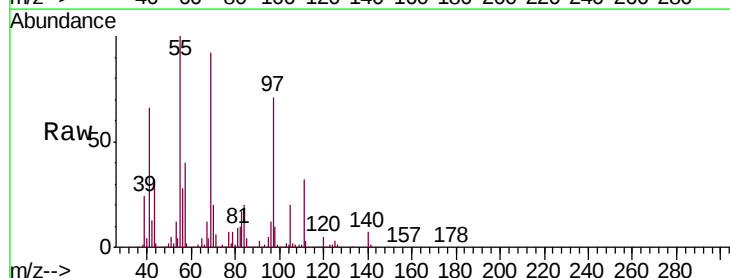
Acq: 5 Mar 2020 20:28

Tgt Ion:105 Resp: 122992

Ion Ratio Lower Upper

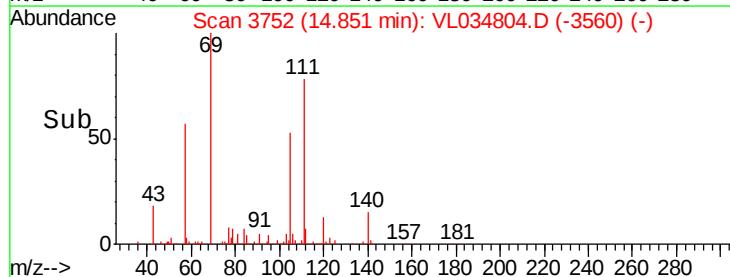
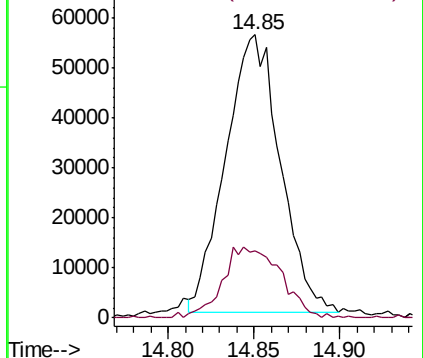
105 100

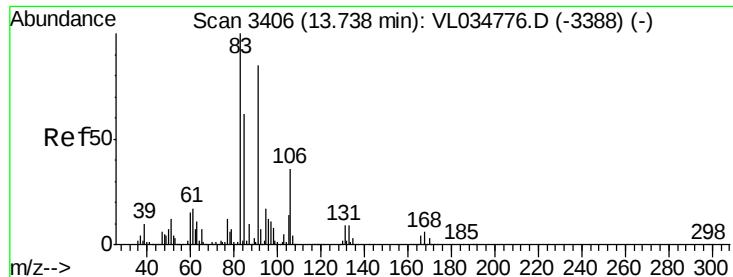
120 27.3 20.5 30.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 160126.862 ppbv

RT: 13.78 min Scan# 3418

Delta R.T. 0.04 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

Instrument :

MSVOA_L

ClientSampleId :

SS-5-4

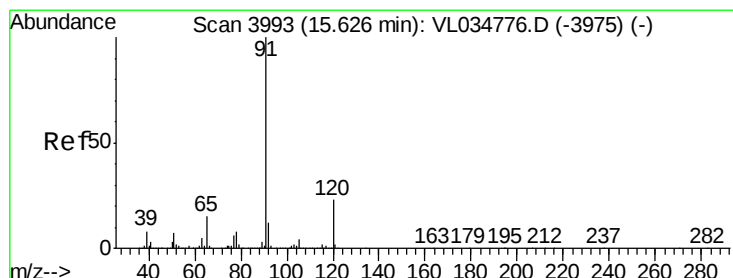
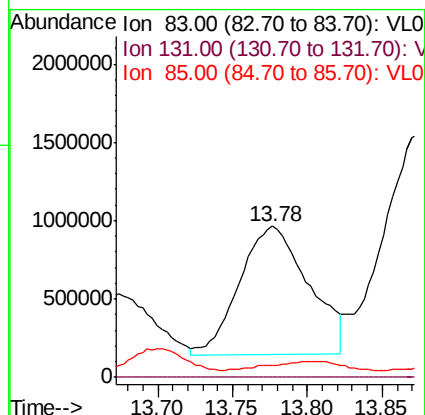
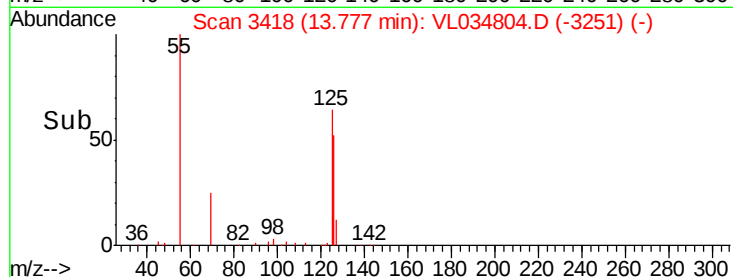
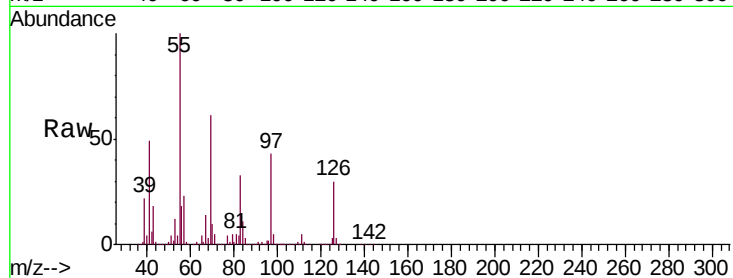
Tgt Ion: 83 Resp: 2643140

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.0#

85 16.0 32.9 98.7#



#64

n-propylbenzene

Concen: 356.016 ppbv

RT: 15.72 min Scan# 4021

Delta R.T. 0.09 min

Lab File: VL034804.D

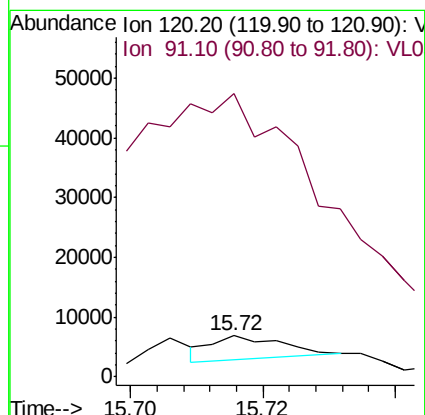
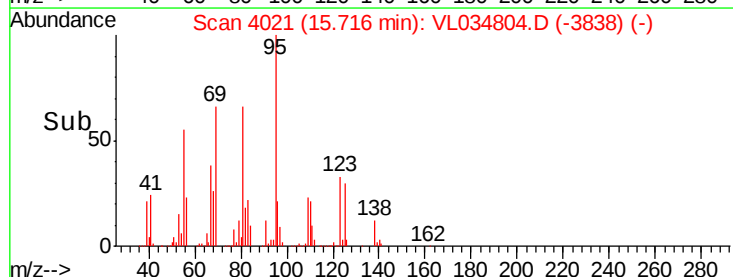
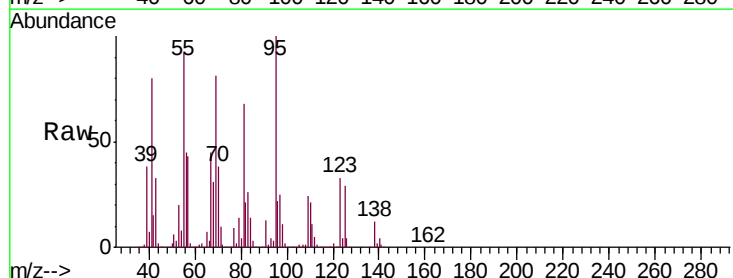
Acq: 5 Mar 2020 20:28

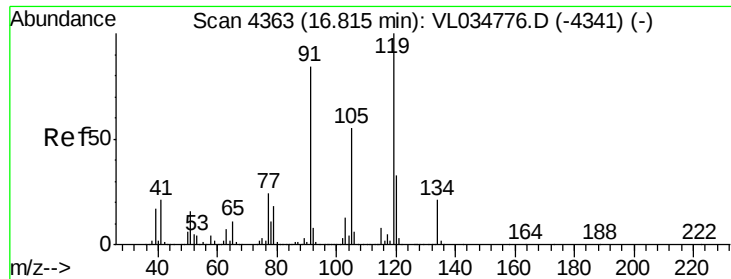
Tgt Ion: 120 Resp: 2751

Ion Ratio Lower Upper

120 100

91 4715.9 379.4 569.2#





#65

tert-Butylbenzene

Concen: 16.203 ppbv

RT: 16.94 min Scan# 4401

Delta R.T. 0.12 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

Instrument :

MSVOA_L

ClientSampleId :

SS-5-4

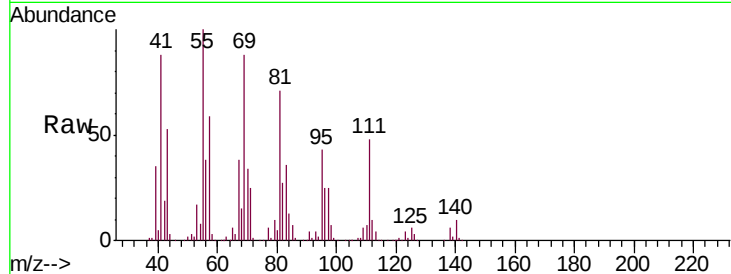
Tgt Ion: 119 Resp: 422

Ion Ratio Lower Upper

119 100

91 0.0 69.8 104.6#

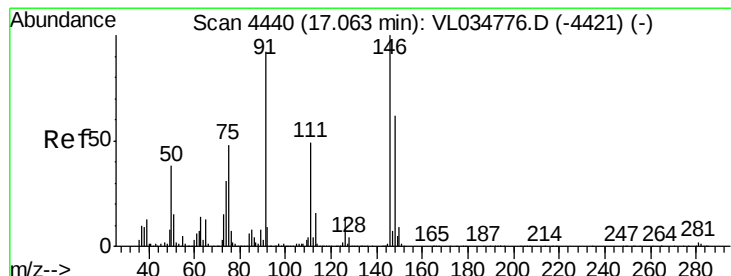
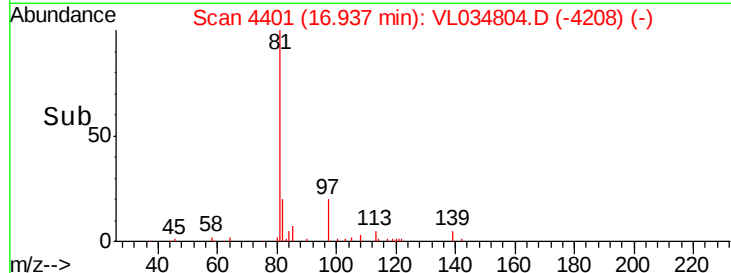
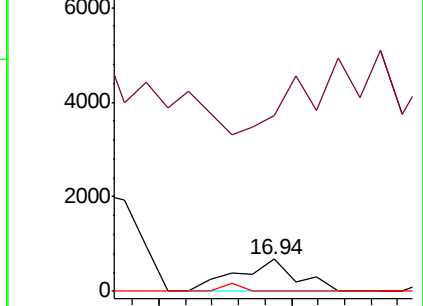
134 0.0 15.9 23.9#



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: 77.673 ppbv

RT: 17.17 min Scan# 4473

Delta R.T. 0.11 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

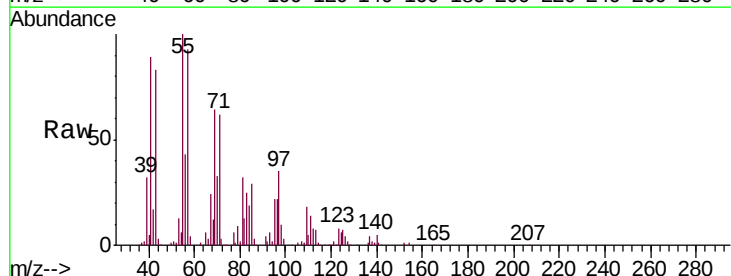
Tgt Ion: 91 Resp: 654

Ion Ratio Lower Upper

91 100

126 0.0 12.6 18.8#

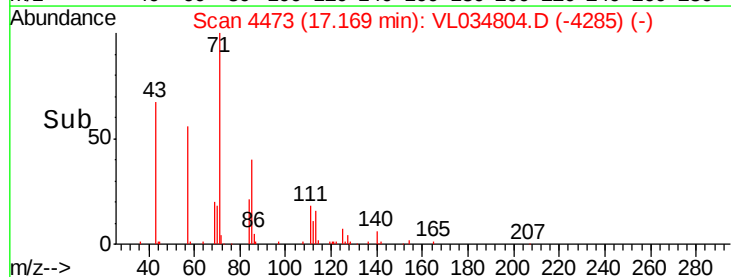
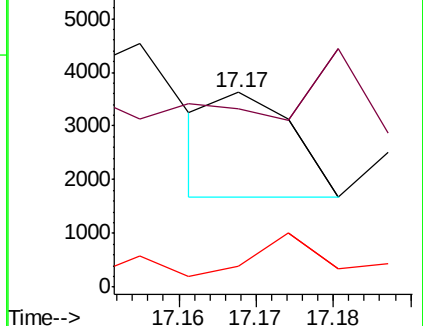
128 132.4 4.3 6.5#

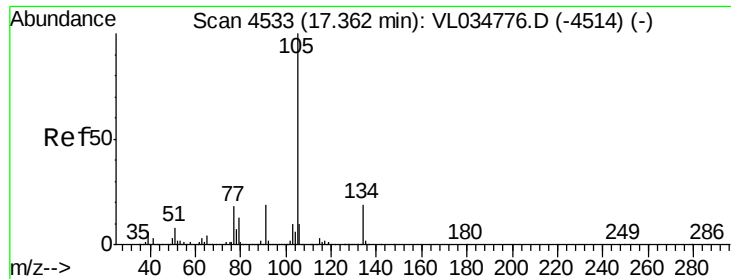


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V

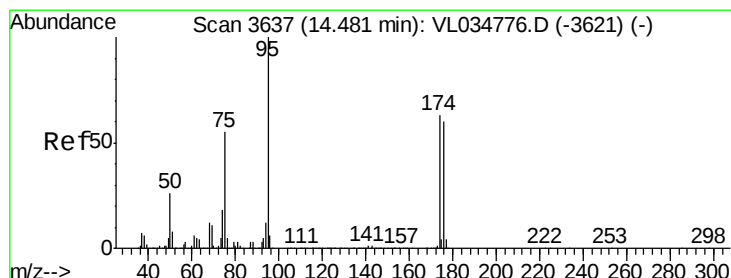
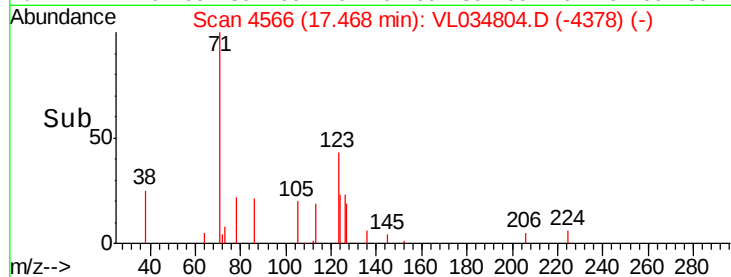
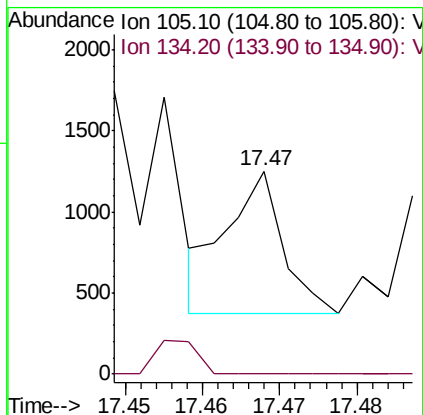
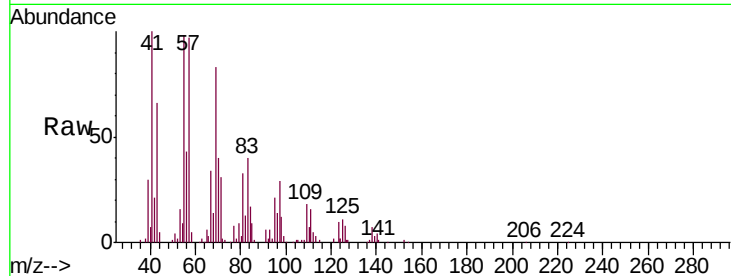




#67
 sec-Butylbenzene
 Concen: 11.700 ppbv
 RT: 17.47 min Scan# 4566
 Delta R.T. 0.11 min
 Lab File: VL034804.D
 Acq: 5 Mar 2020 20:28

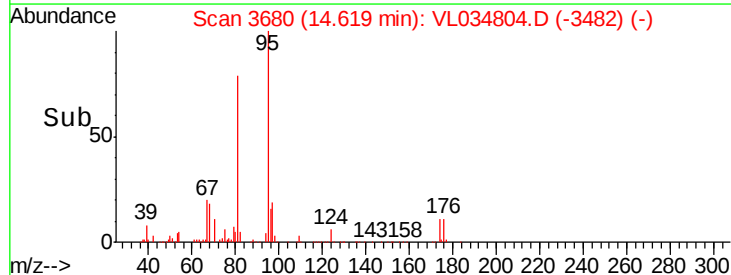
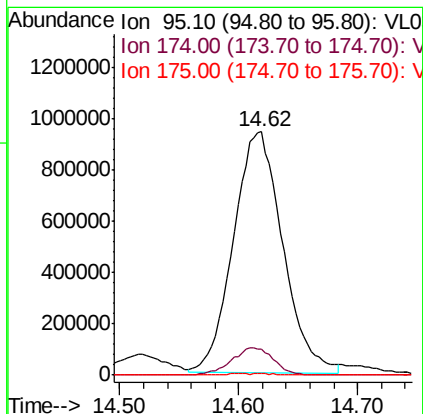
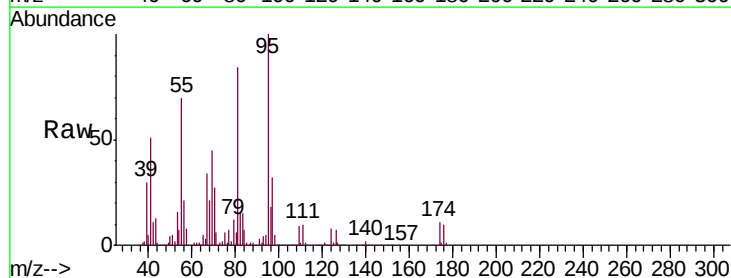
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-5-4

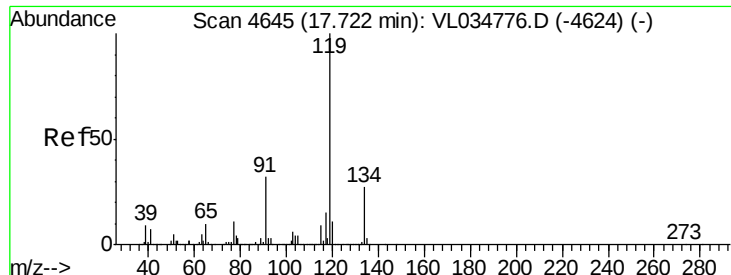
Tgt Ion: 105 Resp: 444
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.7 22.1#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 166955.593 ppbv
 RT: 14.62 min Scan# 3680
 Delta R.T. 0.14 min
 Lab File: VL034804.D
 Acq: 5 Mar 2020 20:28

Tgt Ion: 95 Resp: 2700778
 Ion Ratio Lower Upper
 95 100
 174 9.8 50.6 76.0#
 175 0.7 3.8 5.6#

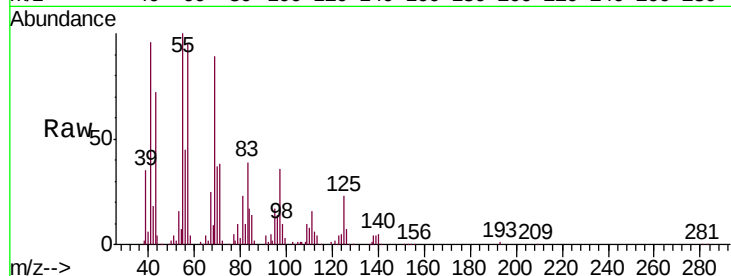




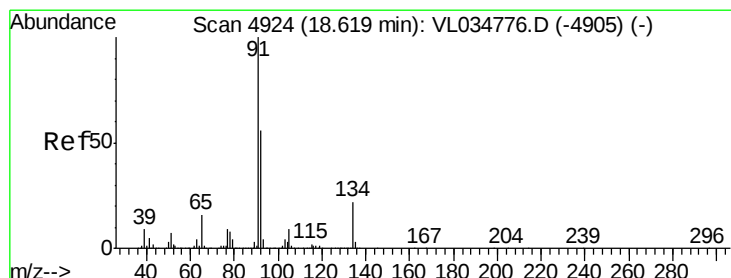
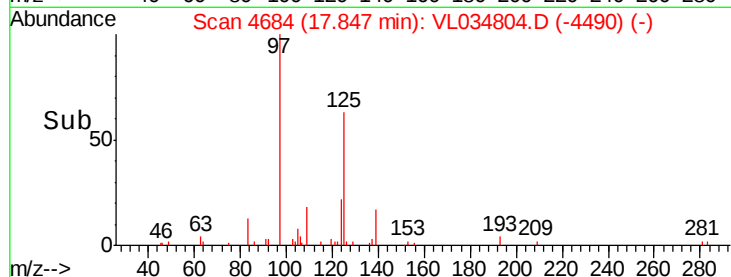
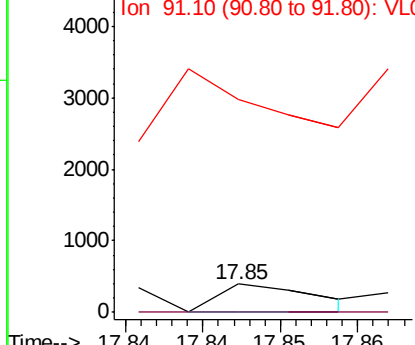
#69
p-Isopropyltoluene
Concen: 5.633 ppbv
RT: 17.85 min Scan# 4684
Delta R.T. 0.13 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

Instrument :
MSVOA_L
ClientSampleId :
SS-5-4

Tgt Ion: 119 Resp: 173
Ion Ratio Lower Upper
119 100
134 0.0 20.6 30.8#
91 1151.4 25.3 37.9#

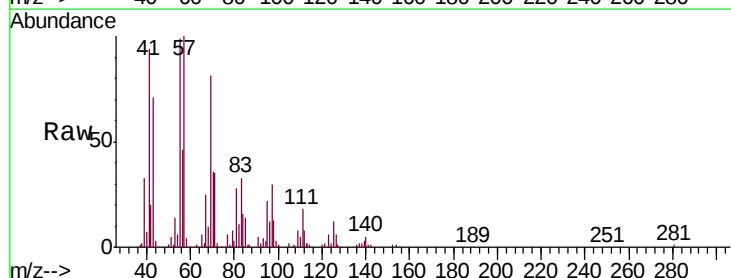


Abundance Ion 119.10 (118.80 to 119.80): V
Ion 134.20 (133.90 to 134.90): V
Ion 91.10 (90.80 to 91.80): V

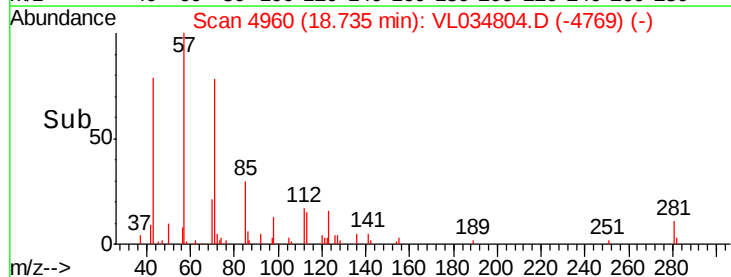
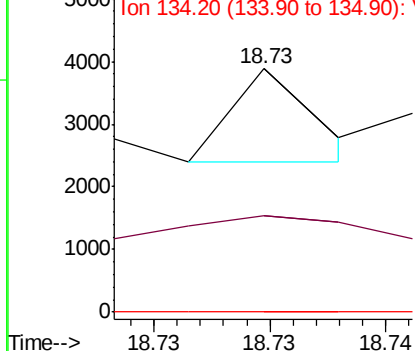


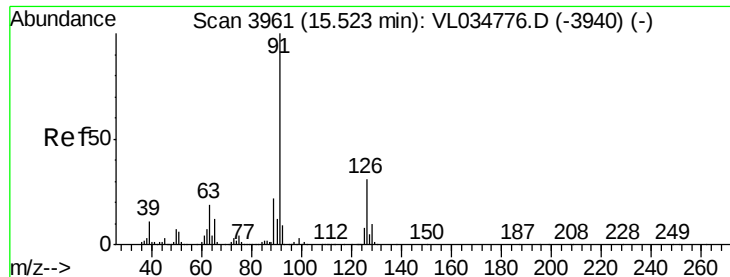
#70
n-Butylbenzene
Concen: 10.899 ppbv
RT: 18.73 min Scan# 4960
Delta R.T. 0.12 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

Tgt Ion: 91 Resp: 366
Ion Ratio Lower Upper
91 100
92 0.0 44.0 66.0#
134 0.0 17.7 26.5#



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

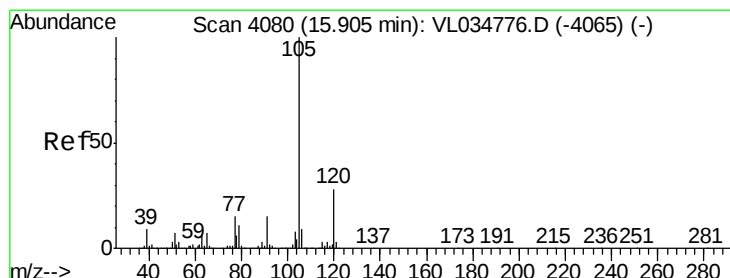
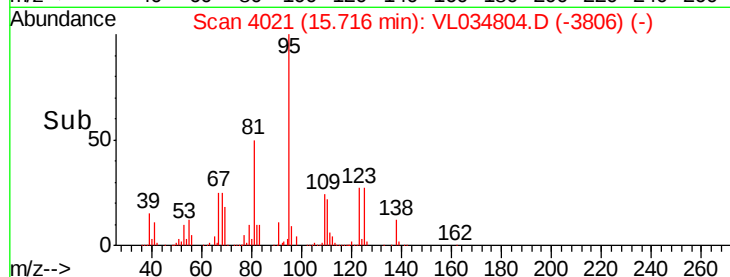
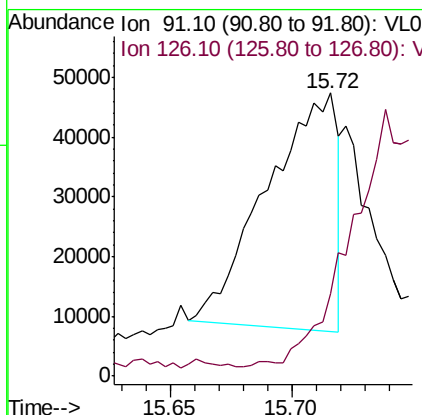
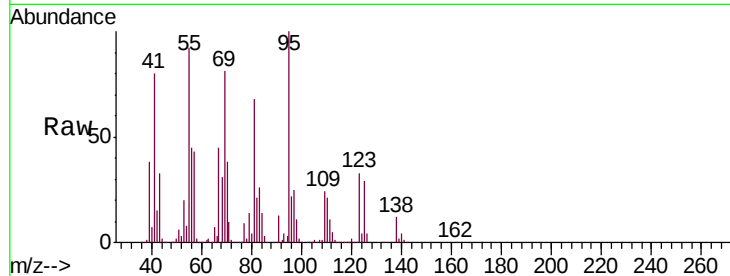




#71
 2-Chlorotoluene
 Concen: 3416.749 ppbv
 RT: 15.72 min Scan# 4021
 Delta R.T. 0.19 min
 Lab File: VL034804.D
 Acq: 5 Mar 2020 20:28

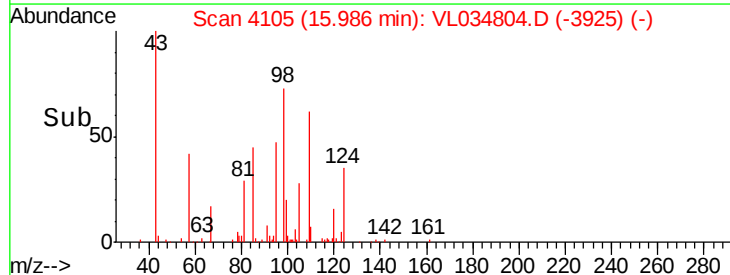
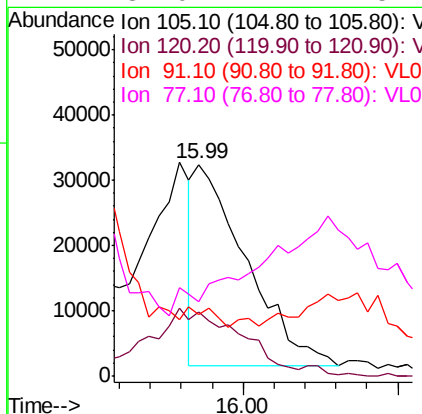
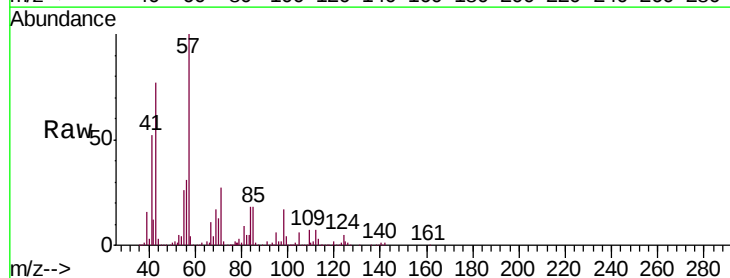
Instrument :
 MSVOA_L
 ClientSampled :
 SS-5-4

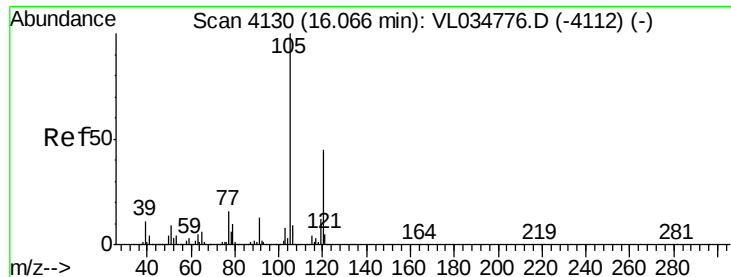
Tgt Ion: 91 Resp: 79528
 Ion Ratio Lower Upper
 91 100
 126 33.7 11.7 46.7



#72
 4-Ethyltoluene
 Concen: 1518.577 ppbv
 RT: 15.99 min Scan# 4105
 Delta R.T. 0.08 min
 Lab File: VL034804.D
 Acq: 5 Mar 2020 20:28

Tgt Ion: 105 Resp: 35404
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.0 34.6#
 91 44.1 11.1 16.7#
 77 181.0 12.2 18.4#





#73

1,3,5-Trimethylbenzene

Concen: 1217.641 ppbv

RT: 16.14 min Scan# 4154

Delta R.T. 0.08 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

Instrument :

MSVOA_L

ClientSampleId :

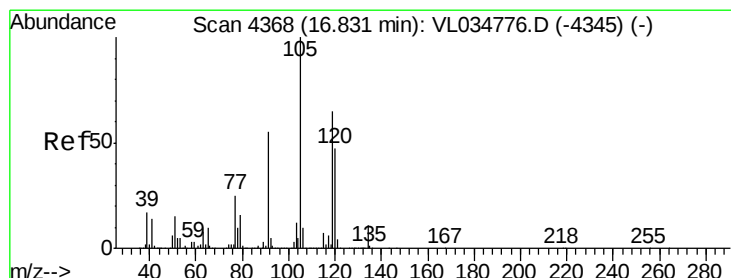
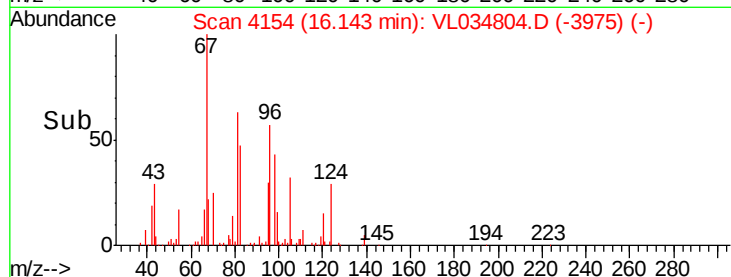
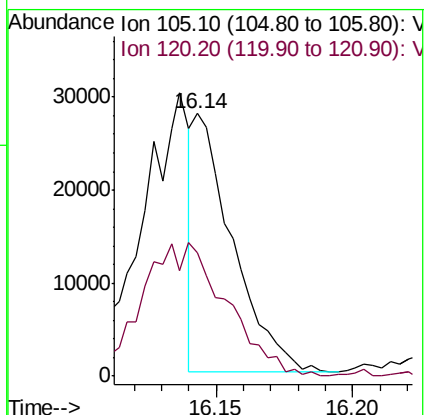
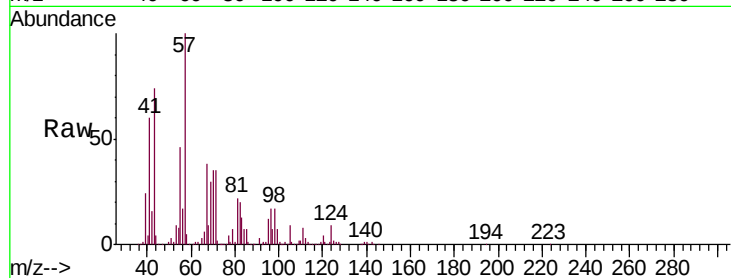
SS-5-4

Tgt Ion:105 Resp: 27230

Ion Ratio Lower Upper

105 100

120 47.9 35.6 53.4



#74

1,2,4-Trimethylbenzene

Concen: 6779.658 ppbv

RT: 16.88 min Scan# 4384

Delta R.T. 0.05 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

Tgt Ion:105 Resp: 164817

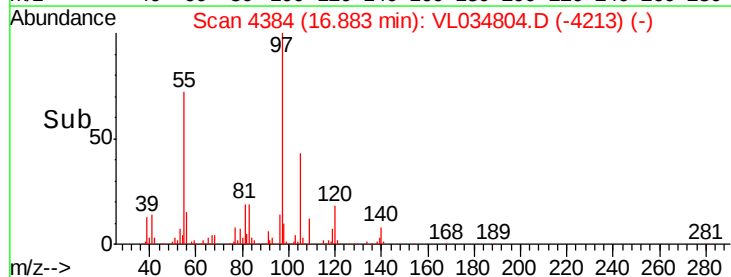
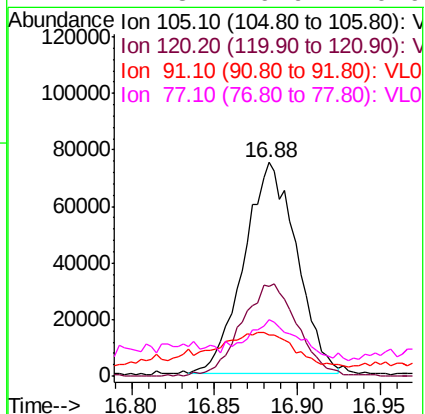
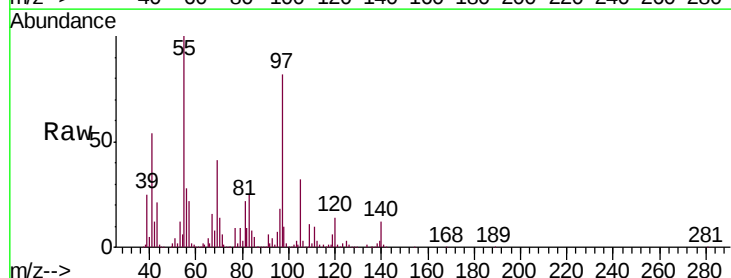
Ion Ratio Lower Upper

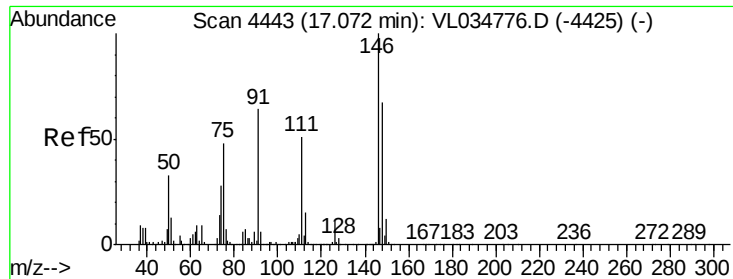
105 100

120 42.0 37.8 56.6

91 13.9 43.8 65.8#

77 14.8 19.9 29.9#





#75

1,3-Dichlorobenzene

Concen: 5.003 ppbv

RT: 17.14 min Scan# 4465

Delta R.T. 0.07 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

Instrument :

MSVOA_L

ClientSampleId :

SS-5-4

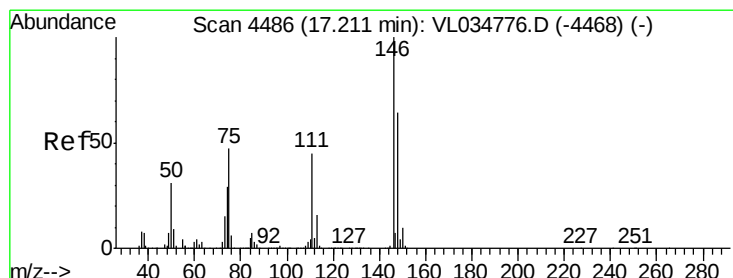
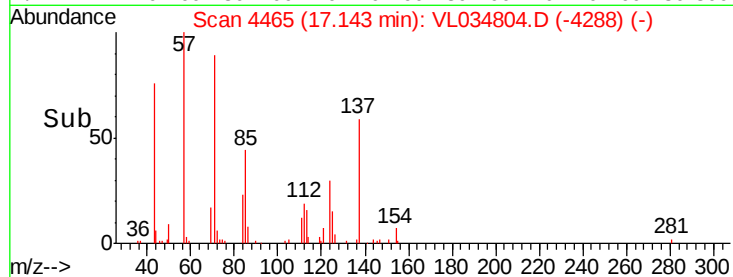
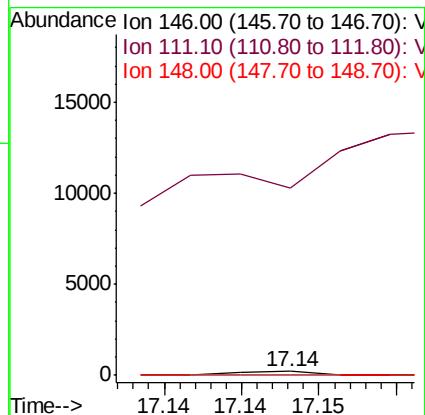
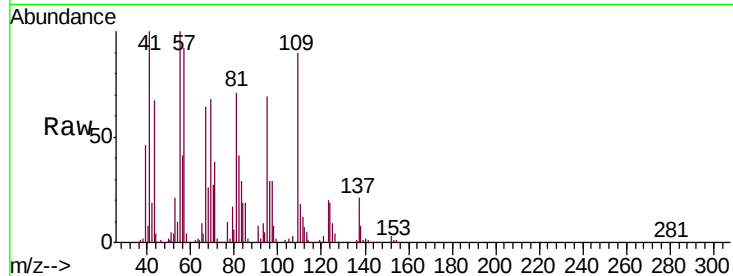
Tgt Ion:146 Resp: 72

Ion Ratio Lower Upper

146 100

111 26008.3 24.7 74.1#

148 0.0 31.8 95.4#



#76

1,4-Dichlorobenzene

Concen: 3.631 ppbv

RT: 17.28 min Scan# 4508

Delta R.T. 0.07 min

Lab File: VL034804.D

Acq: 5 Mar 2020 20:28

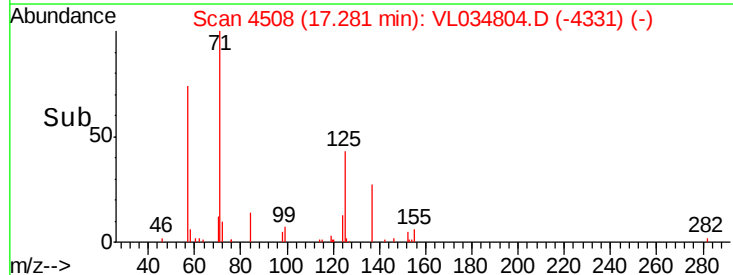
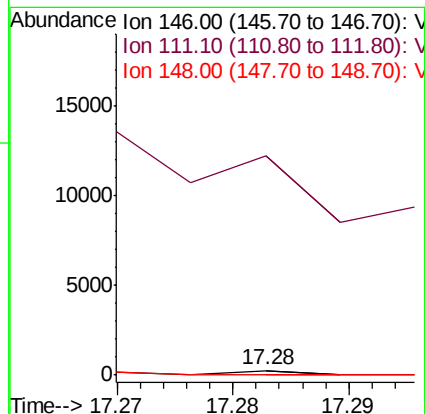
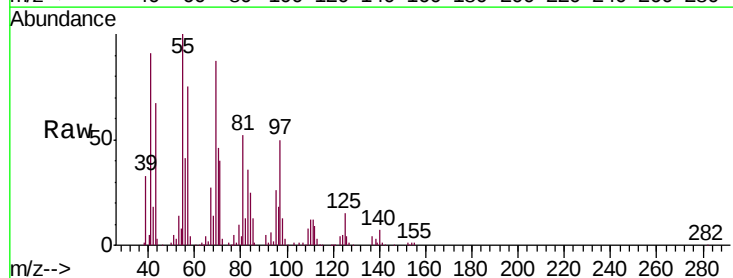
Tgt Ion:146 Resp: 50

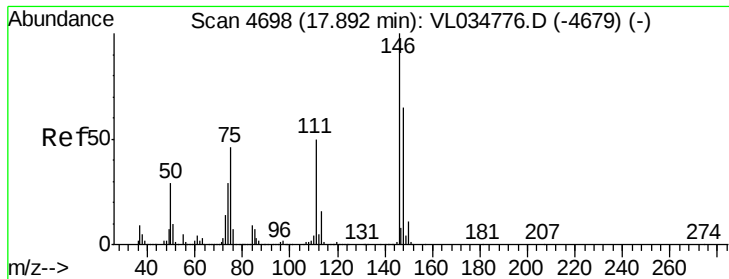
Ion Ratio Lower Upper

146 100

111 16778.0 23.5 70.5#

148 98.0 32.2 96.6#

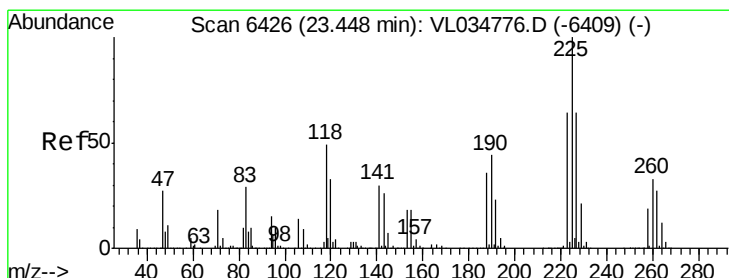
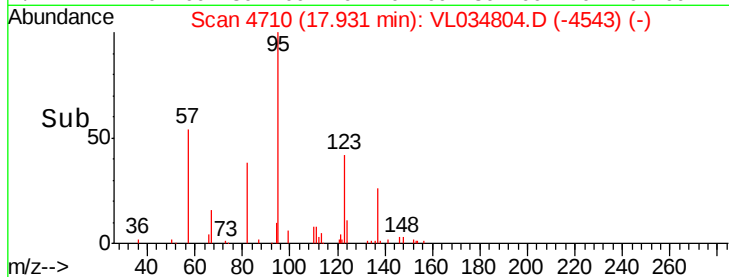
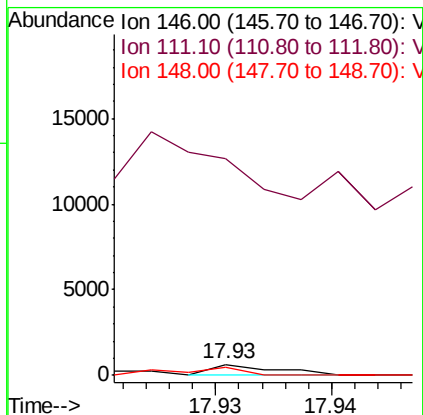
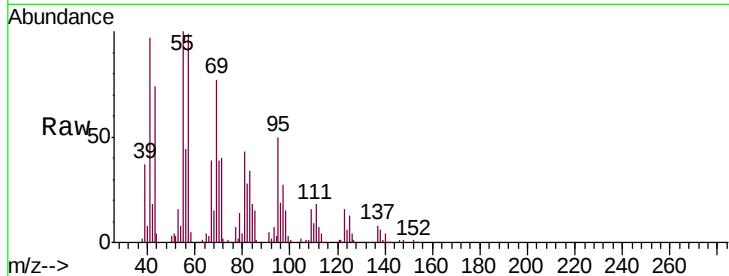




#77
 1,2-Dichlorobenzene
 Concen: 18.305 ppbv
 RT: 17.93 min Scan# 4710
 Delta R.T. 0.04 min
 Lab File: VL034804.D
 Acq: 5 Mar 2020 20:28

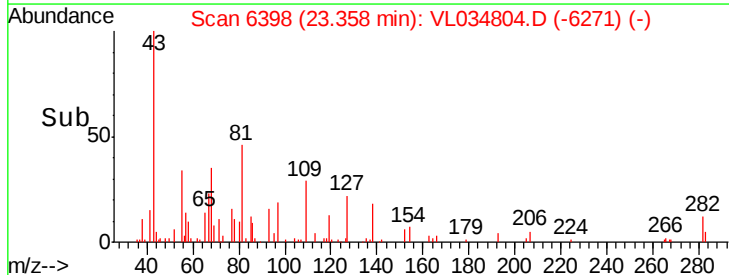
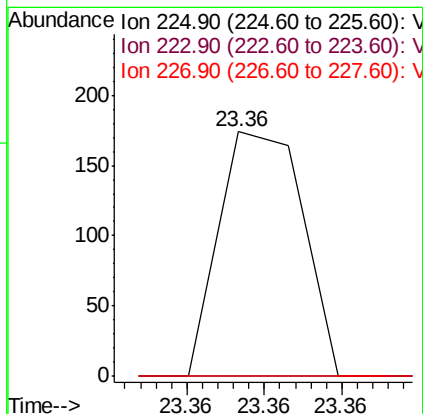
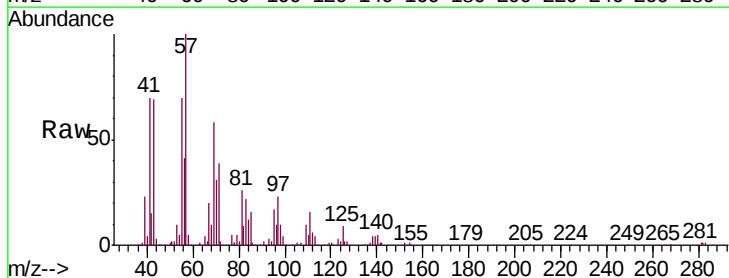
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-5-4

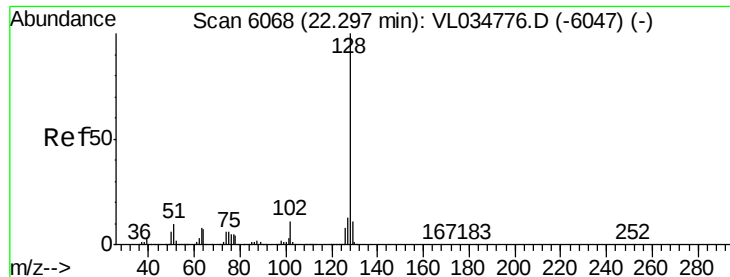
Tgt Ion:146 Resp: 252
 Ion Ratio Lower Upper
 146 100
 111 0.0 25.3 75.8#
 148 123.0 32.3 96.9#



#78
 Hexachloro-1,3-Butadiene
 Concen: 5.658 ppbv
 RT: 23.36 min Scan# 6398
 Delta R.T. -0.09 min
 Lab File: VL034804.D
 Acq: 5 Mar 2020 20:28

Tgt Ion:225 Resp: 65
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.3 76.9#
 227 0.0 51.9 77.9#

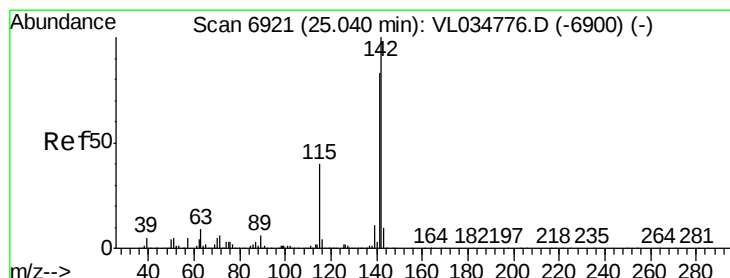
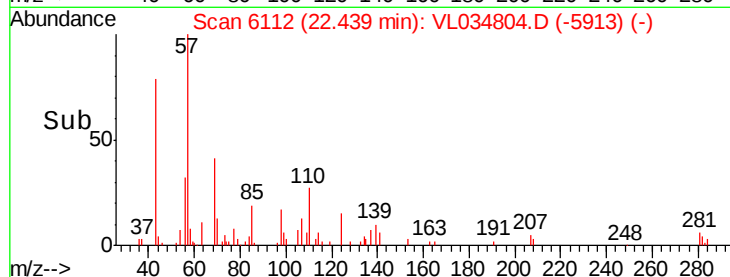
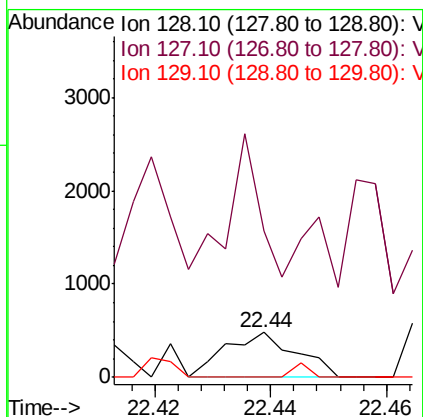
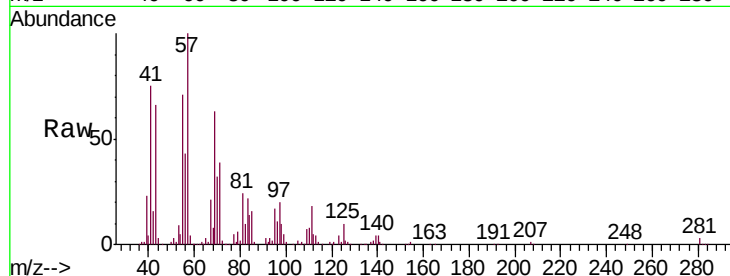




#79
Naphthalene
Concen: 22.497 ppbv
RT: 22.44 min Scan# 6112
Delta R.T. 0.14 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

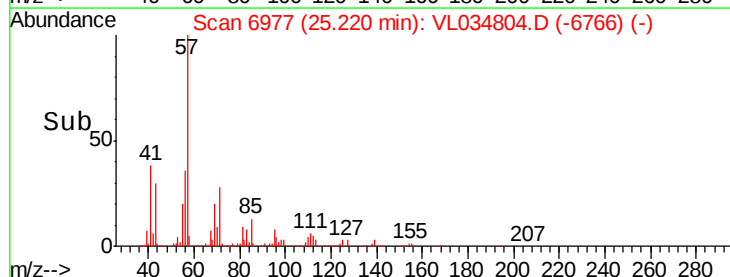
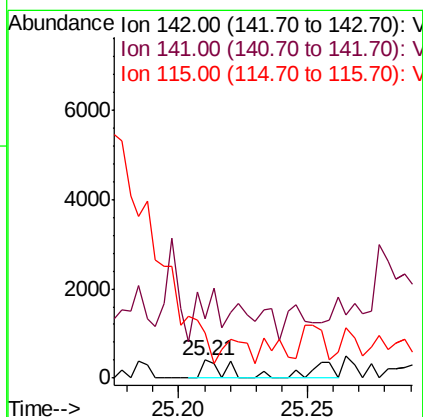
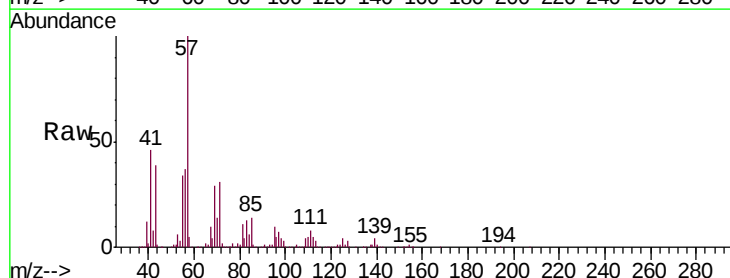
Instrument :
MSVOA_L
ClientSampleId :
SS-5-4

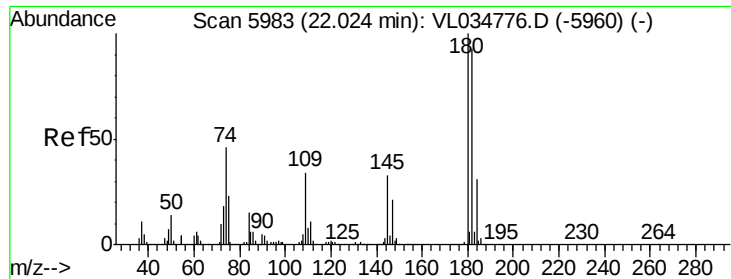
Tgt Ion:128 Resp: 411
Ion Ratio Lower Upper
128 100
127 125.8 10.2 15.4#
129 0.0 9.0 13.6#



#80
Naphthalene, 2-methyl-
Concen: 102.671 ppbv
RT: 25.22 min Scan# 6977
Delta R.T. 0.18 min
Lab File: VL034804.D
Acq: 5 Mar 2020 20:28

Tgt Ion:142 Resp: 448
Ion Ratio Lower Upper
142 100
141 0.0 67.7 101.5#
115 138.4 30.7 46.1#

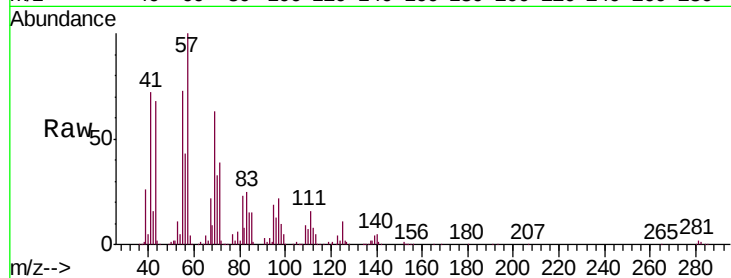




#81
 1,2,4-Trichlorobenzene
 Concen: 7.273 ppbv
 RT: 22.64 min Scan# 6174
 Delta R.T. 0.61 min
 Lab File: VL034804.D
 Acq: 5 Mar 2020 20:28

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-5-4

Tgt Ion:	180	Resp:	84
Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.8	115.2#
184	0.0	24.8	37.2#



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

