

Data File : VV009466.D
Acq On : 04 Mar 2019 12:19
Operator : SY/MD
Sample : VSTD0.562
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.562

Quant Time: Mar 05 03:48:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR030419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 05 03:46:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	109633	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	104671	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50595	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	4277	0.71	ug/L	0.00
7) Chloroethane-d5	1.59	69	3985	0.74	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	10256	0.68	ug/L	0.00
20) 2-Butanone-d5	3.98	46	6738	5.98	ug/L	0.00
24) Chloroform-d	4.40	84	7243	0.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	3547	0.63	ug/L	0.00
32) Benzene-d6	5.10	84	14026	0.61	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	4319	0.62	ug/L	0.00
41) Toluene-d8	7.36	98	13919	0.60	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	1798	0.59	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	5809	5.90	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	3044	0.57	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	5280	0.64	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	3727	0.553 ug/L	96
3) Chloromethane	1.25	50	4100	0.572 ug/L	97
5) Vinyl chloride	1.32	62	4419	0.559 ug/L #	81
6) Bromomethane	1.54	94	2794	0.523 ug/L	98
8) Chloroethane	1.60	64	3012	0.575 ug/L	85
9) Trichlorofluoromethane	1.77	101	8993	0.538 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4745	0.576 ug/L	94
12) 1,1-Dichloroethene	2.14	96	4184	0.574 ug/L	89
14) Carbon disulfide	2.32	76	13478	0.564 ug/L	100
15) Methyl Acetate	2.47	43	1651	0.602 ug/L #	79
16) Methylene chloride	2.53	84	6405	0.791 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	10452	0.560 ug/L #	89
18) trans-1,2-Dichloroethene	2.79	96	4653	0.585 ug/L	91
19) 1,1-Dichloroethane	3.23	63	6225	0.594 ug/L #	88
21) 2-Butanone	4.05	43	2569	1.947 ug/L #	24
22) cis-1,2-Dichloroethene	3.96	96	4109	0.555 ug/L	100
23) Bromochloromethane	4.30	128	1682	0.569 ug/L	91
25) Chloroform	4.42	83	6926	0.542 ug/L	82
27) 1,2-Dichloroethane	5.18	62	4056	0.539 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	6120	0.515 ug/L	99
30) Cyclohexane	4.71	56	6278	0.548 ug/L	98
31) Carbon tetrachloride	4.87	117	4605	0.469 ug/L	93
33) Benzene	5.14	78	14476	0.531 ug/L	100
34) Trichloroethene	5.96	95	4320	0.555 ug/L	88
35) Methylcyclohexane	6.17	83	6493	0.506 ug/L	94
37) 1,2-Dichloropropane	6.23	63	3601	0.538 ug/L #	89
38) Bromodichloromethane	6.55	83	4909	0.530 ug/L	90
39) cis-1,3-Dichloropropene	7.07	75	5366	0.508 ug/L	85
40) 4-Methyl-2-pentanone	7.29	43	19290	5.325 ug/L	99
42) Toluene	7.43	91	16929	0.539 ug/L	96

Data File : VV009466.D
Acq On : 04 Mar 2019 12:19
Operator : SY/MD
Sample : VSTD0.562
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.562

Quant Time: Mar 05 03:48:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR030419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 05 03:46:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.70	75	4141	0.503	ug/L	89
45) 1,1,2-Trichloroethane	7.88	97	2496	0.518	ug/L	90
47) Tetrachloroethene	8.02	164	3288	0.539	ug/L	96
48) 2-Hexanone	8.20	43	12651	5.203	ug/L	94
49) Dibromochloromethane	8.29	129	3001	0.477	ug/L	94
50) 1,2-Dibromoethane	8.40	107	2354	0.512	ug/L #	82
51) Chlorobenzene	8.93	112	11000	0.538	ug/L	95
52) Ethylbenzene	9.06	91	19226	0.538	ug/L	97
53) m,p-xylene	9.18	106	6503	0.466	ug/L	94
54) o-xylene	9.59	106	7240	0.536	ug/L	98
55) Styrene	9.61	104	11253	0.512	ug/L	92
56) Isopropylbenzene	9.98	105	19798	0.548	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.29	83	2896	0.502	ug/L	86
59) 1,2,3-Trichloropropane	10.32	75	2252	0.570	ug/L	92
61) Bromoform	9.78	173	1576	0.500	ug/L #	93
62) 1,3-Dichlorobenzene	11.23	146	8139	0.510	ug/L	92
63) 1,4-Dichlorobenzene	11.32	146	8437	0.536	ug/L	89
65) 1,2-Dichlorobenzene	11.69	146	8131	0.562	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.48	75	468	0.510	ug/L #	73
67) 1,3,5-Trichlorobenzene	12.70	180	6199	0.543	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	4589	0.529	ug/L	97
69) Naphthalene	13.56	128	7514	0.517	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	4250	0.535	ug/L	98

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

Data File : VV009466.D

Acq On : 04 Mar 2019 12:19

Operator : SY/MD

Sample : VSTD0.562

Misc : 25ML/MSVOA V/WATER

```
ALS Vial      : 3      Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.562

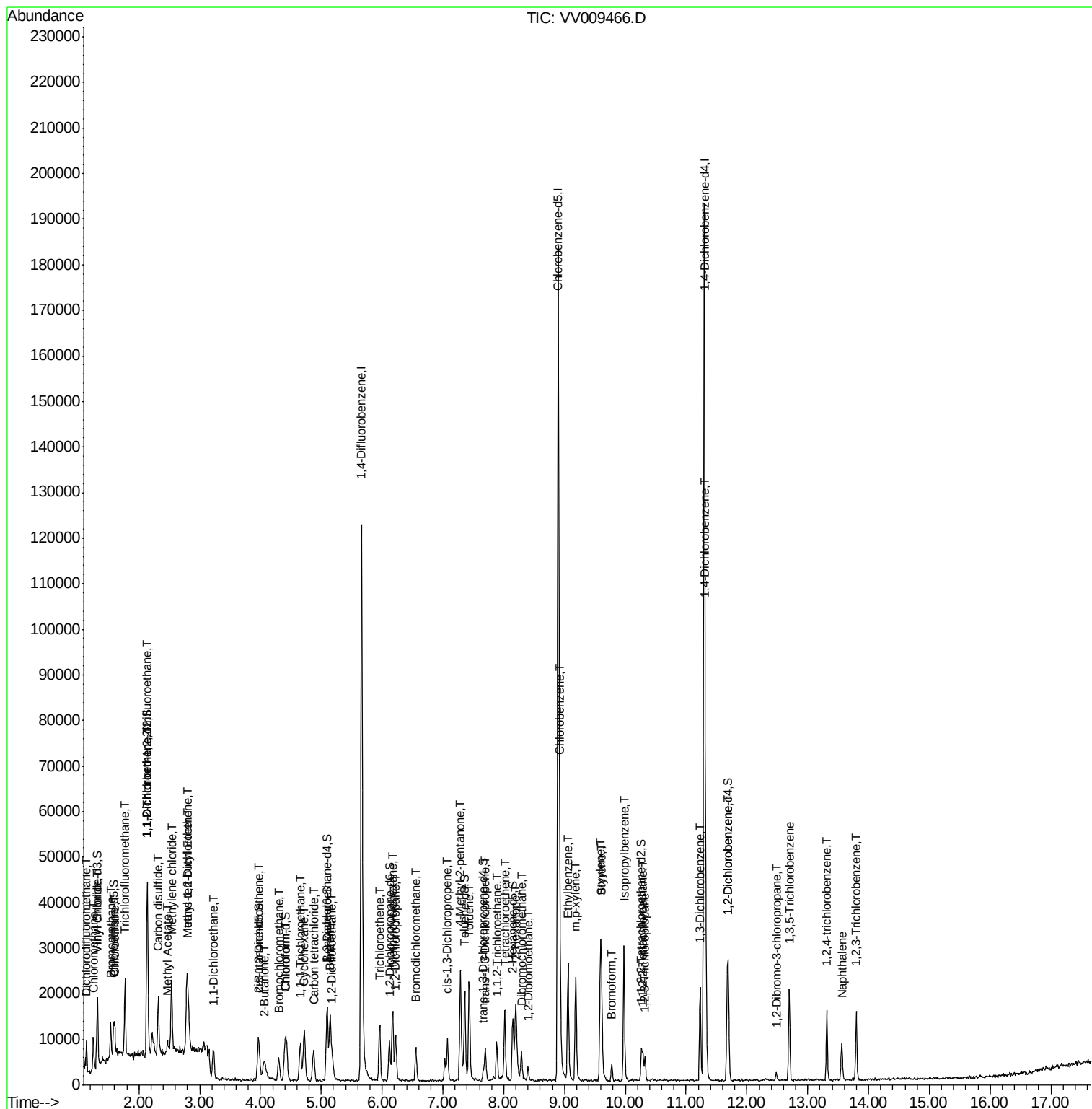
Quant Time: Mar 05 03:48:49 2019

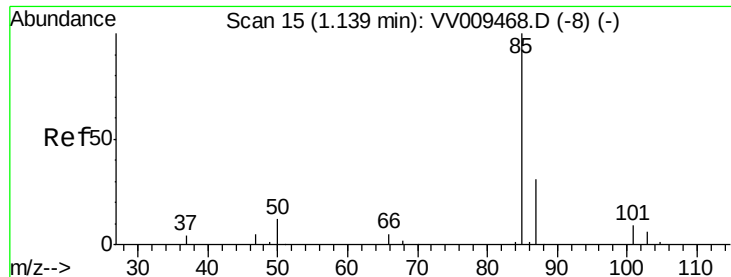
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\S0MVTR030419WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Mar 05 03:46:07 2019

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.553 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

Instrument :

MSVOA_V

ClientSampleId :

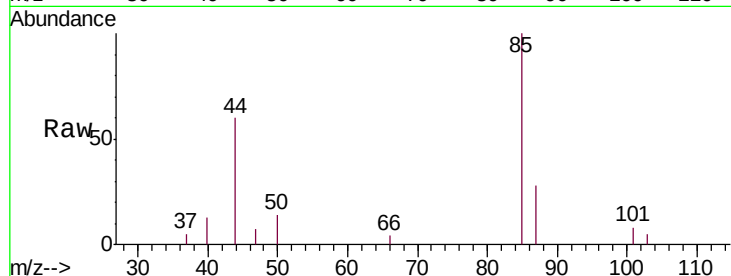
VSTD0.562

Tgt Ion: 85 Resp: 3727

Ion Ratio Lower Upper

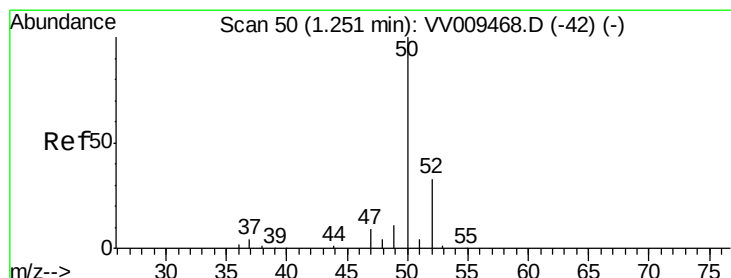
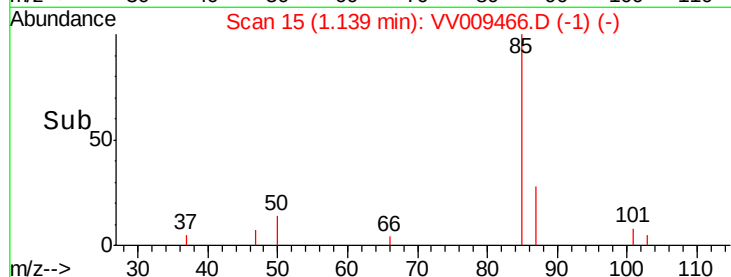
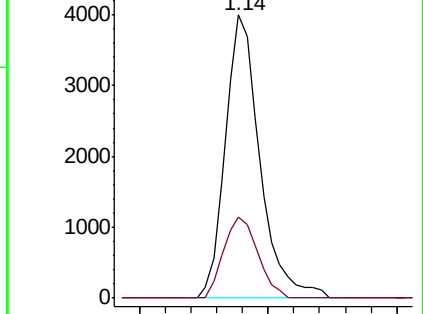
85 100

87 28.3 24.4 36.6



Abundance Ion 85.00 (84.70 to 85.70): VV009466.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV009466.D (-8) (-)



#3

Chloromethane

Concen: 0.572 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV009466.D

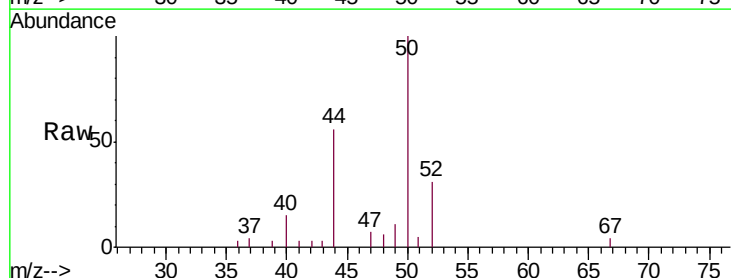
Acq: 04 Mar 2019 12:19

Tgt Ion: 50 Resp: 4100

Ion Ratio Lower Upper

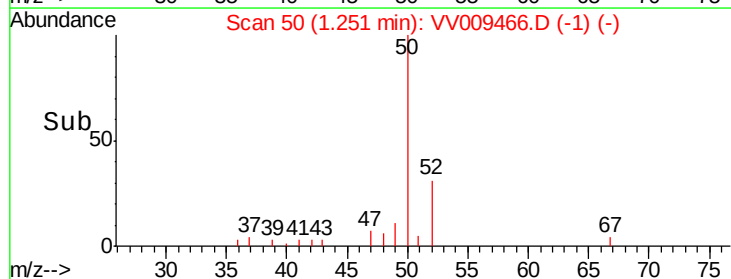
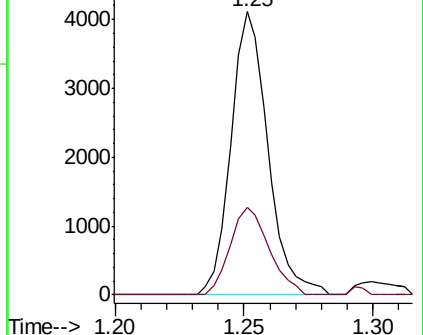
50 100

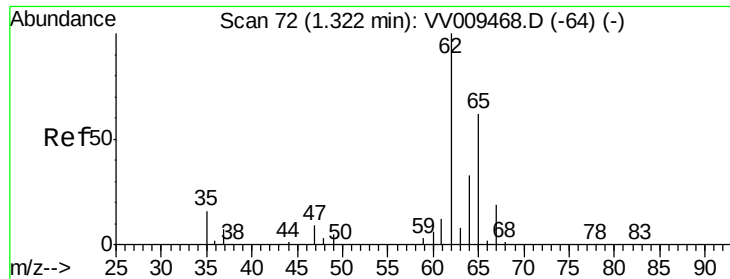
52 31.0 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV009466.D (-42) (-)

Ion 52.05 (51.75 to 52.75): VV009466.D (-42) (-)





#5

Vinyl chloride

Concen: 0.559 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

Instrument :

MSVOA_V

ClientSampleId :

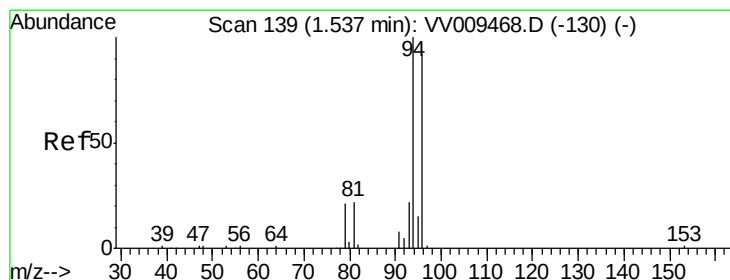
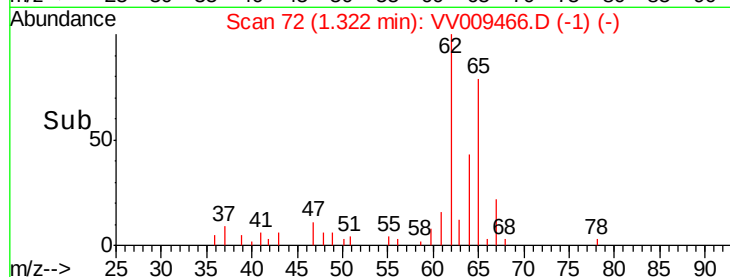
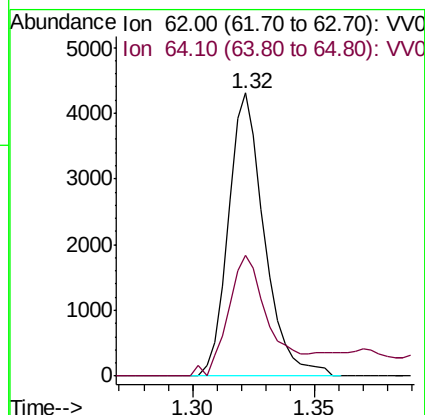
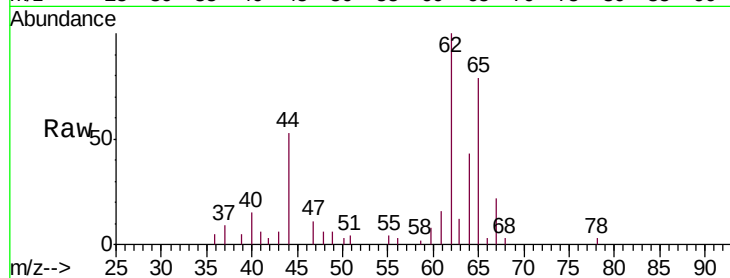
VSTD0.562

Tgt Ion: 62 Resp: 4419

Ion Ratio Lower Upper

62 100

64 42.9 22.7 42.3#



#6

Bromomethane

Concen: 0.523 ug/L

RT: 1.54 min Scan# 139

Delta R.T. -0.00 min

Lab File: VV009466.D

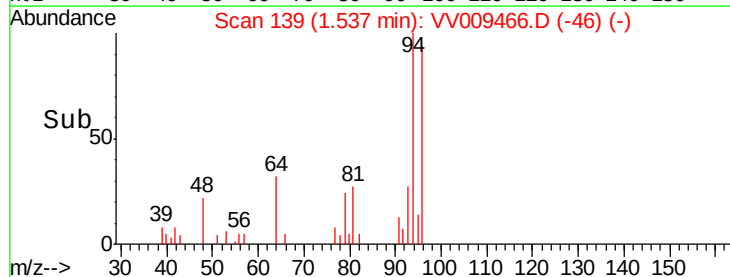
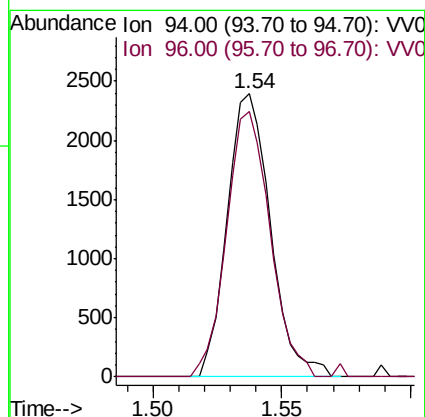
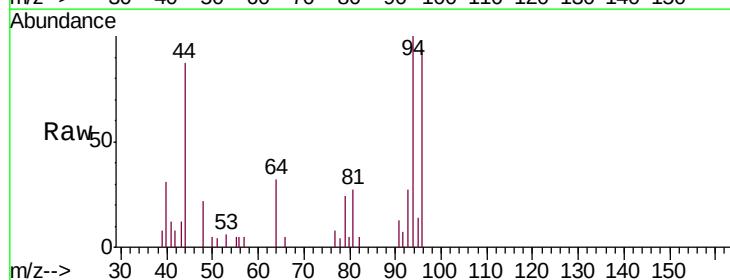
Acq: 04 Mar 2019 12:19

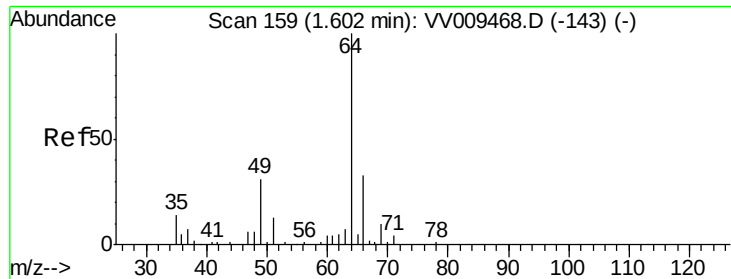
Tgt Ion: 94 Resp: 2794

Ion Ratio Lower Upper

94 100

96 93.8 64.6 120.0





#8

Chloroethane

Concen: 0.575 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.00 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

Instrument :

MSVOA_V

ClientSampleId :

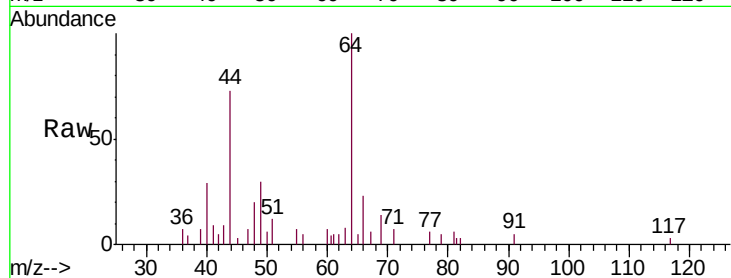
VSTD0.562

Tgt Ion: 64 Resp: 3012

Ion Ratio Lower Upper

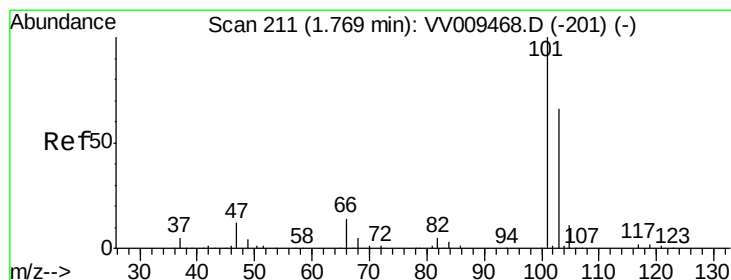
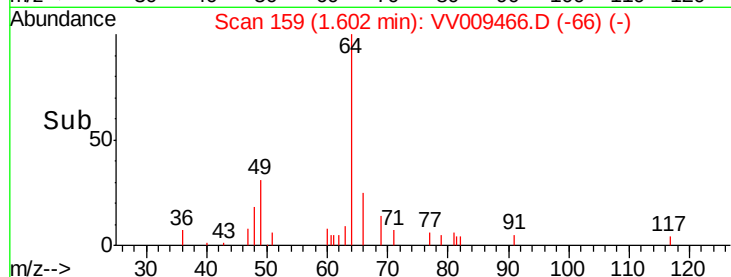
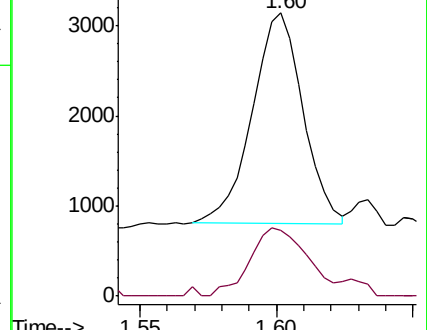
64 100

66 23.4 22.4 41.6



Abundance Ion 64.10 (63.80 to 64.80): VV009468.D (-143) (-)

Ion 66.05 (65.75 to 66.75): VV009468.D (-143) (-)



#9

Trichlorofluoromethane

Concen: 0.538 ug/L

RT: 1.77 min Scan# 211

Delta R.T. -0.00 min

Lab File: VV009466.D

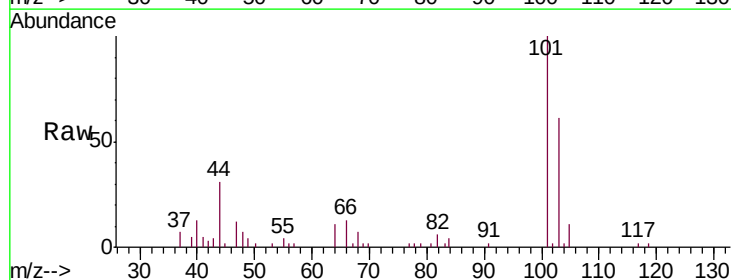
Acq: 04 Mar 2019 12:19

Tgt Ion: 101 Resp: 8993

Ion Ratio Lower Upper

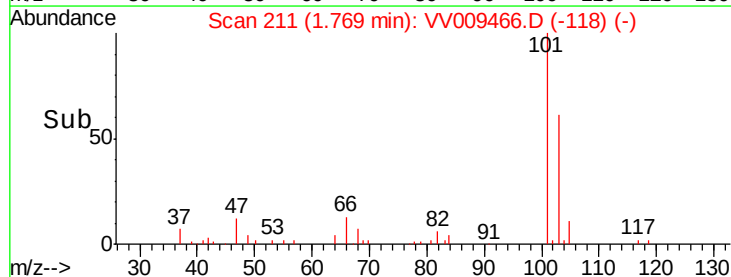
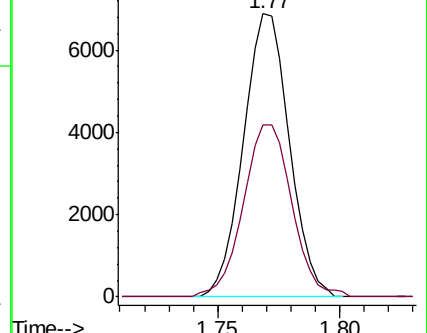
101 100

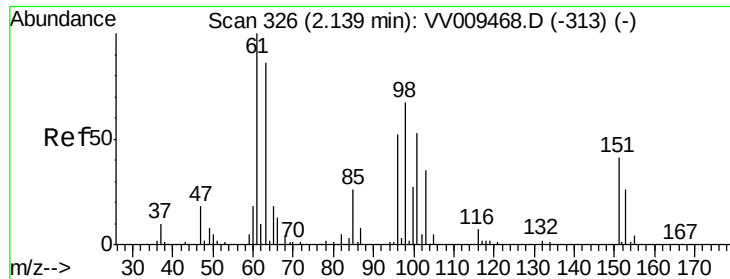
103 64.2 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): VV009468.D (-201) (-)

Ion 103.00 (102.70 to 103.70): VV009468.D (-201) (-)





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.576 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.562

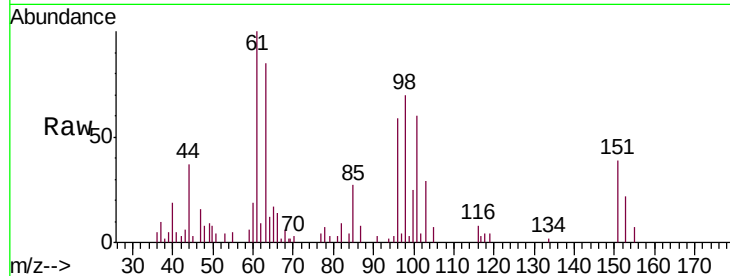
Tgt Ion:101 Resp: 4745

Ion Ratio Lower Upper

101 100

85 45.5 39.2 58.8

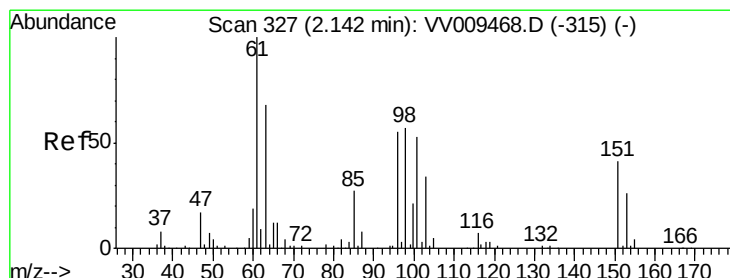
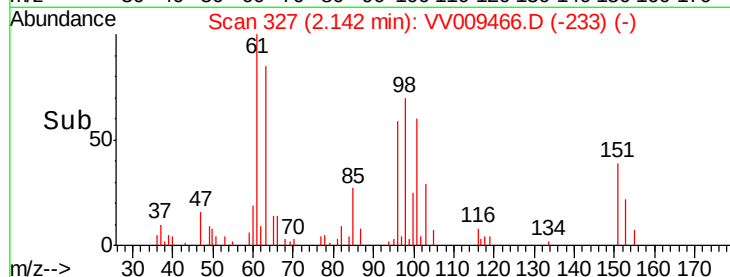
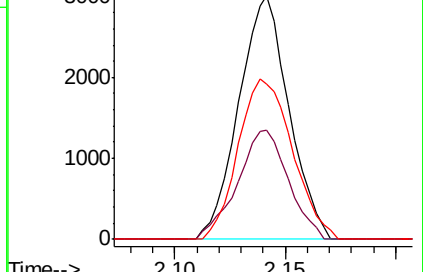
151 71.4 61.1 91.7



Abundance Ion 101.00 (100.70 to 101.70): VV009466.D (-233) (-)

Ion 85.00 (84.70 to 85.70): VV009466.D (-233) (-)

Ion 151.00 (150.70 to 151.70): VV009466.D (-233) (-)



#12

1,1-Dichloroethene

Concen: 0.574 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

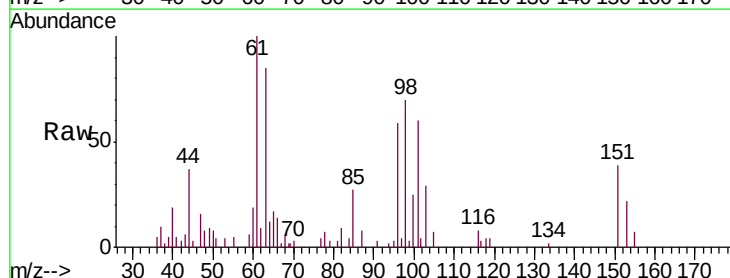
Tgt Ion: 96 Resp: 4184

Ion Ratio Lower Upper

96 100

61 169.8 127.1 236.0

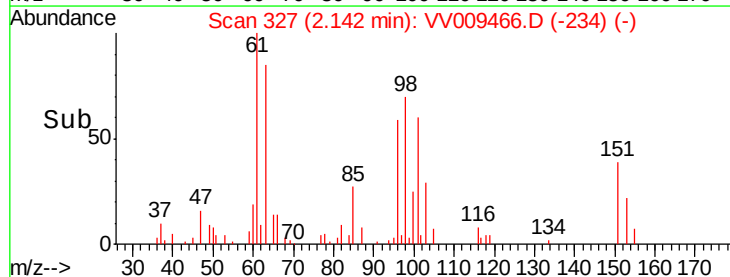
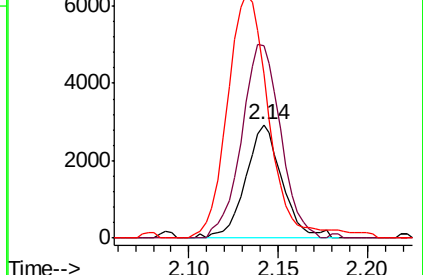
63 144.2 88.8 164.8

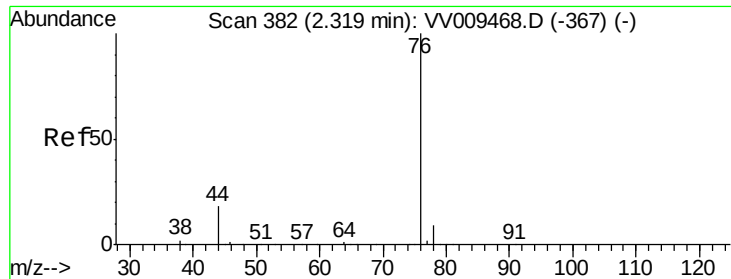


Abundance Ion 96.00 (95.70 to 96.70): VV009466.D (-234) (-)

Ion 61.05 (60.75 to 61.75): VV009466.D (-234) (-)

Ion 63.00 (62.70 to 63.70): VV009466.D (-234) (-)





#14

Carbon disulfide

Concen: 0.564 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

Instrument :

MSVOA_V

ClientSampleId :

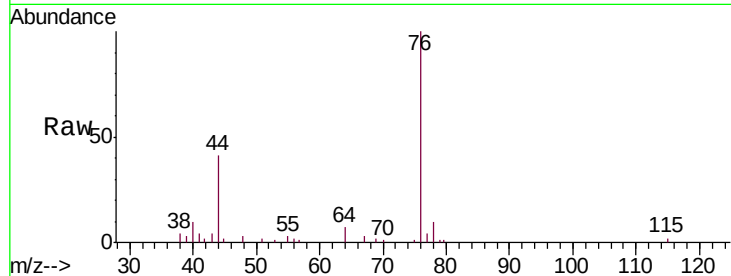
VSTD0.562

Tgt Ion: 76 Resp: 13478

Ion Ratio Lower Upper

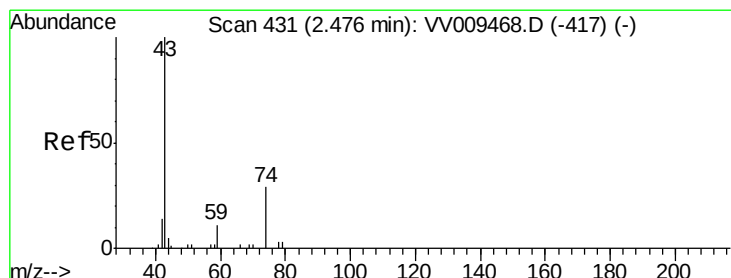
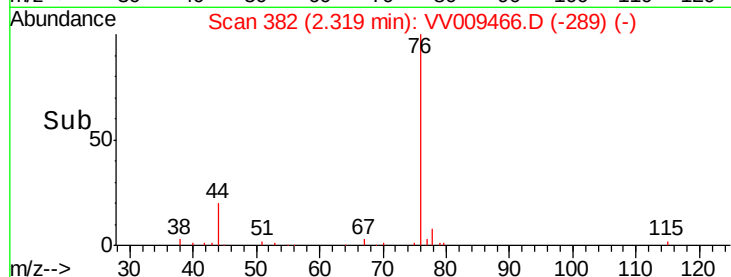
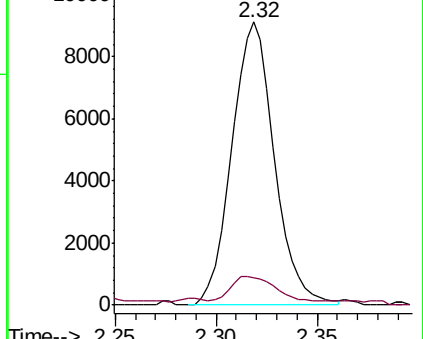
76 100

78 9.6 7.7 11.5



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#15

Methyl Acetate

Concen: 0.602 ug/L

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VV009466.D

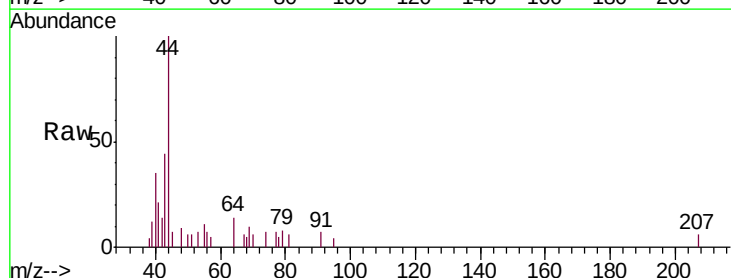
Acq: 04 Mar 2019 12:19

Tgt Ion: 43 Resp: 1651

Ion Ratio Lower Upper

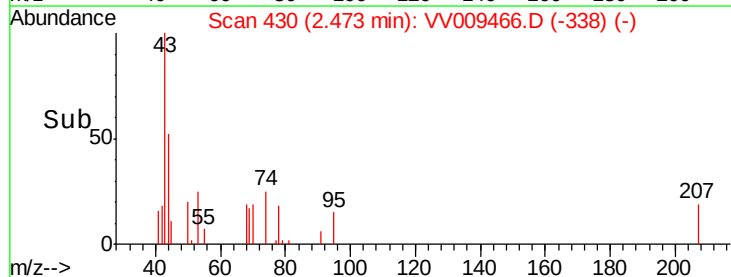
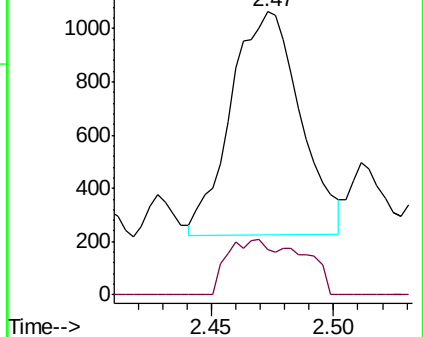
43 100

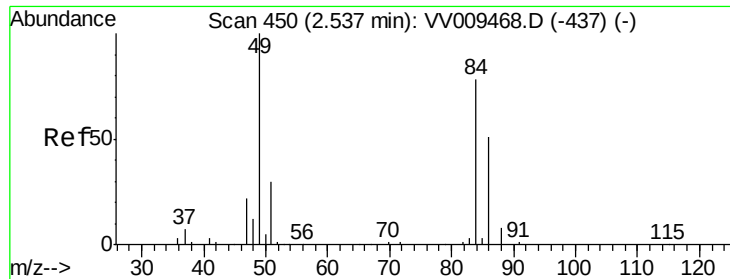
74 16.2 21.8 32.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

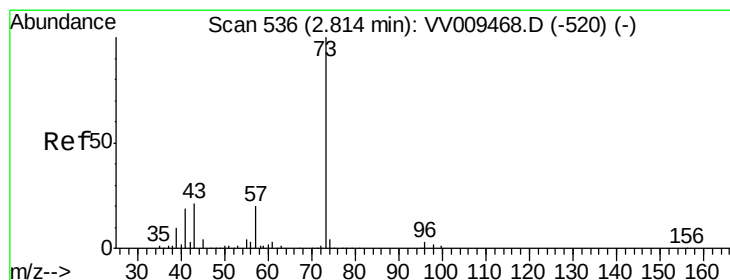
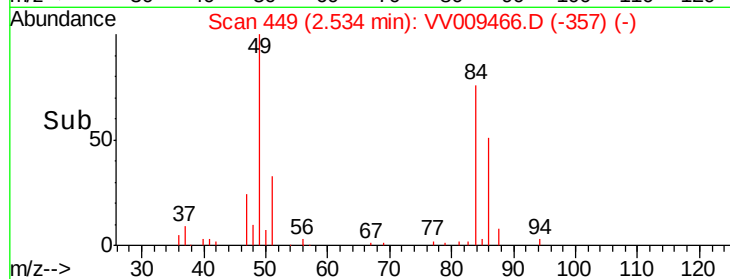
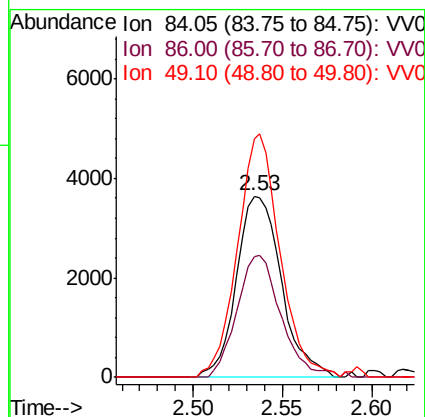
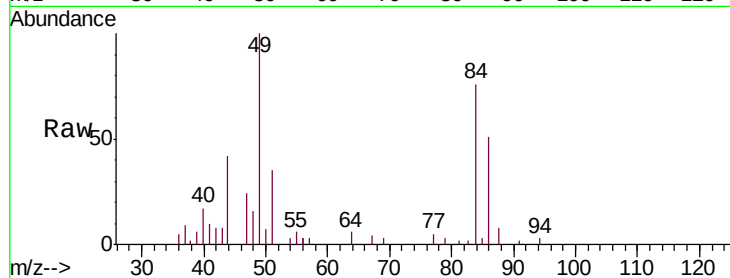




#16
Methylene chloride
Concen: 0.791 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009466.D
Acq: 04 Mar 2019 12:19

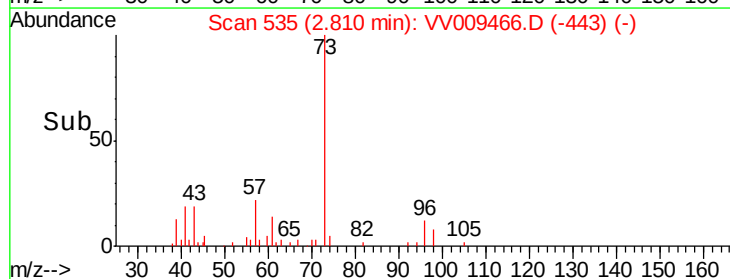
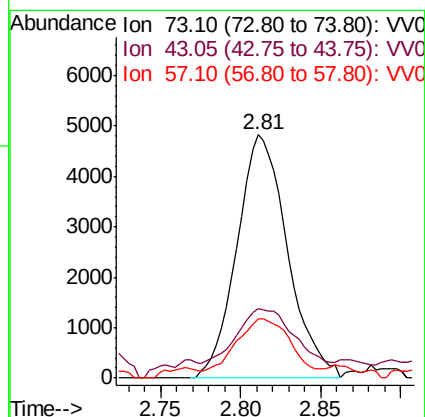
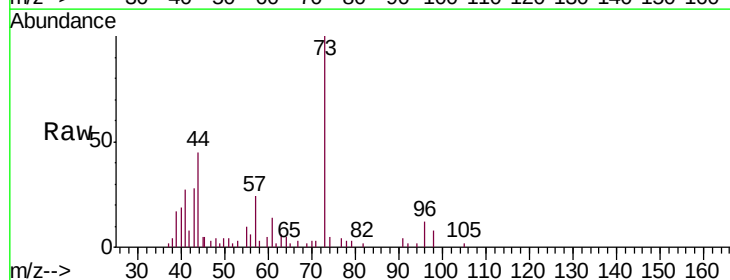
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.562

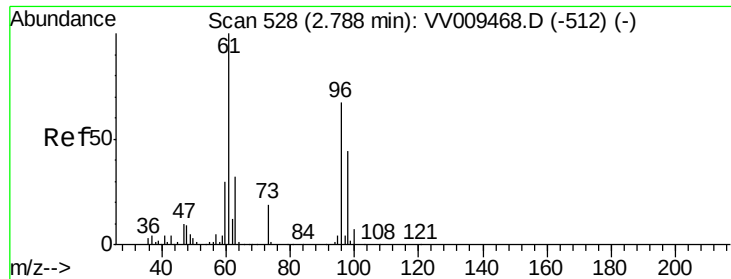
Tgt Ion: 84 Resp: 6405
Ion Ratio Lower Upper
84 100
86 66.9 46.1 85.5
49 131.7 89.7 166.5



#17
Methyl tert-butyl Ether
Concen: 0.560 ug/L
RT: 2.81 min Scan# 535
Delta R.T. -0.00 min
Lab File: VV009466.D
Acq: 04 Mar 2019 12:19

Tgt Ion: 73 Resp: 10452
Ion Ratio Lower Upper
73 100
43 29.5 17.2 25.8#
57 23.7 17.3 25.9





#18

trans-1,2-Dichloroethene

Concen: 0.585 ug/L

RT: 2.79 min Scan# 528

Delta R.T. -0.00 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.562

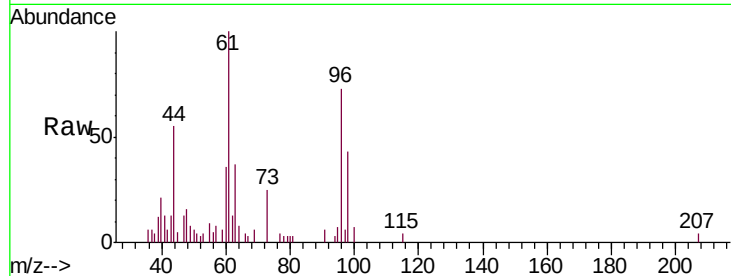
Tgt Ion: 96 Resp: 4653

Ion Ratio Lower Upper

96 100

61 136.5 103.9 192.9

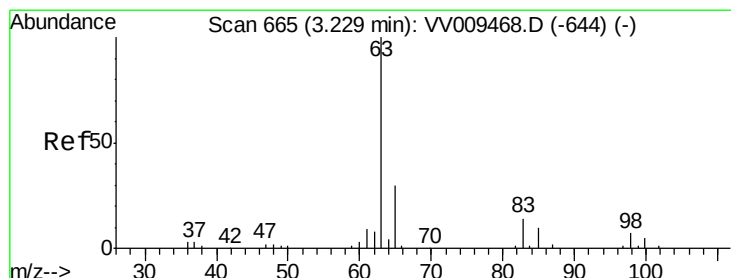
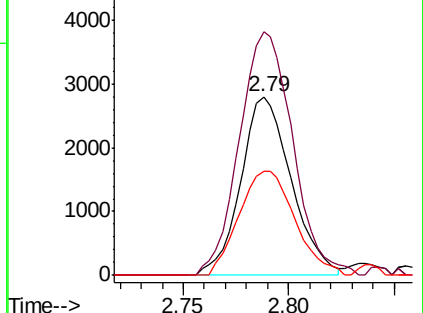
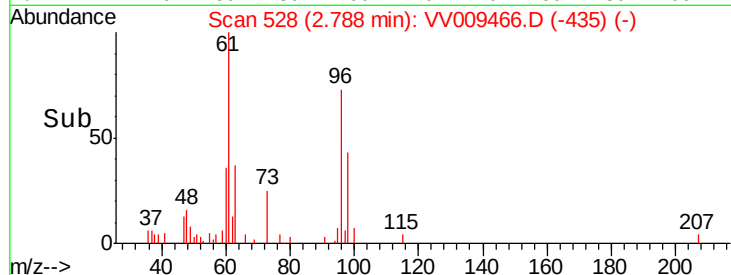
98 58.2 46.0 85.4



Abundance Ion 96.00 (95.70 to 96.70): VV009466.D (-435) (-)

Ion 61.05 (60.75 to 61.75): VV009466.D (-435) (-)

Ion 97.95 (97.65 to 98.65): VV009466.D (-435) (-)



#19

1,1-Dichloroethane

Concen: 0.594 ug/L

RT: 3.23 min Scan# 664

Delta R.T. -0.00 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

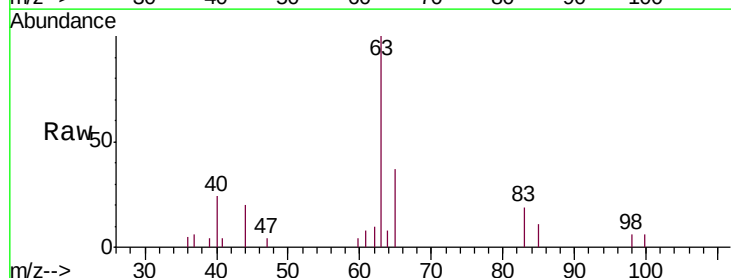
Tgt Ion: 63 Resp: 6225

Ion Ratio Lower Upper

63 100

65 37.0 21.3 39.5

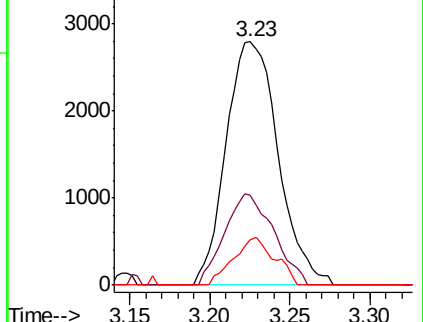
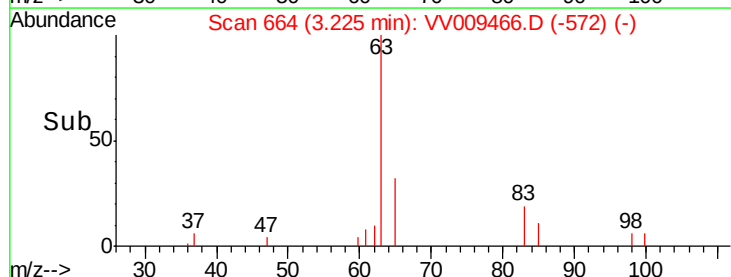
83 18.5 9.9 18.5#

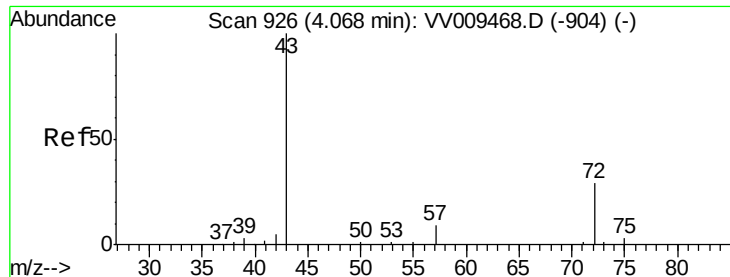


Abundance Ion 63.10 (62.80 to 63.80): VV009466.D (-572) (-)

Ion 65.10 (64.80 to 65.80): VV009466.D (-572) (-)

Ion 83.05 (82.75 to 83.75): VV009466.D (-572) (-)





#21

2-Butanone

Concen: 1.947 ug/L

RT: 4.05 min Scan# 921

Delta R.T. -0.02 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

Instrument :

MSVOA_V

ClientSampleId :

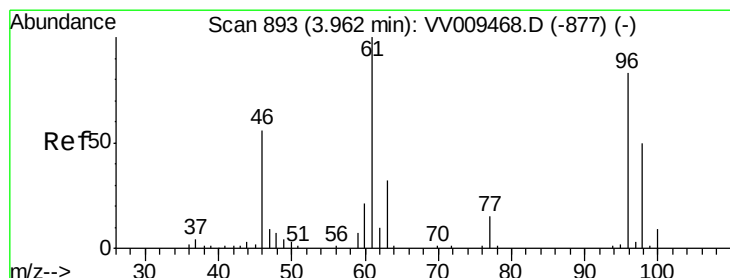
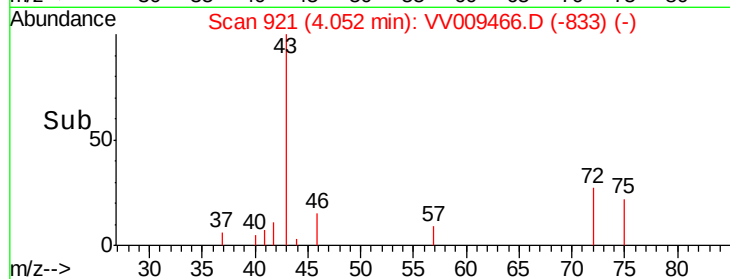
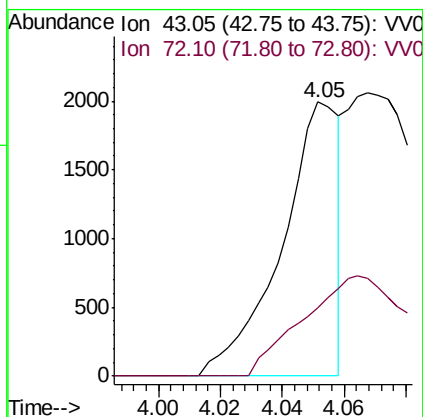
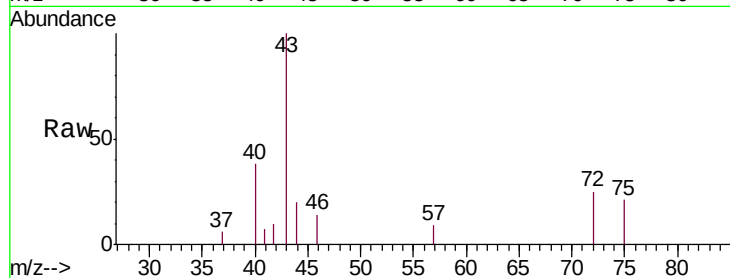
VSTD0.562

Tgt Ion: 43 Resp: 2569

Ion Ratio Lower Upper

43 100

72 70.4 14.8 44.4#



#22

cis-1,2-Dichloroethene

Concen: 0.555 ug/L

RT: 3.96 min Scan# 893

Delta R.T. -0.00 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

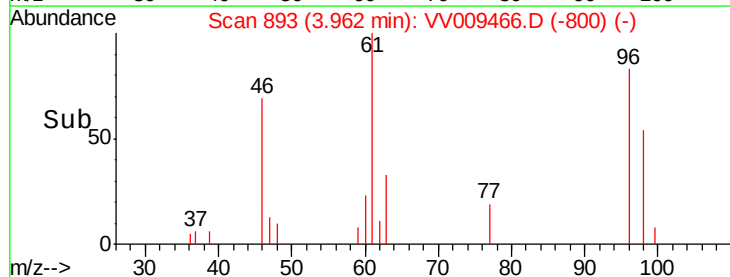
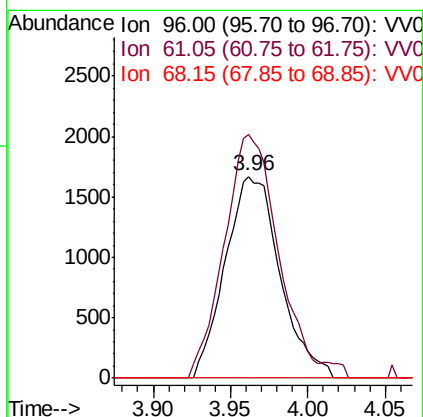
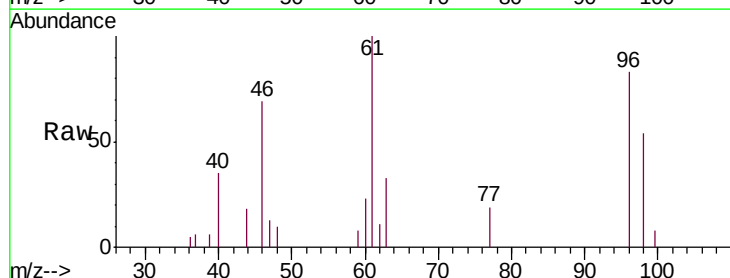
Tgt Ion: 96 Resp: 4109

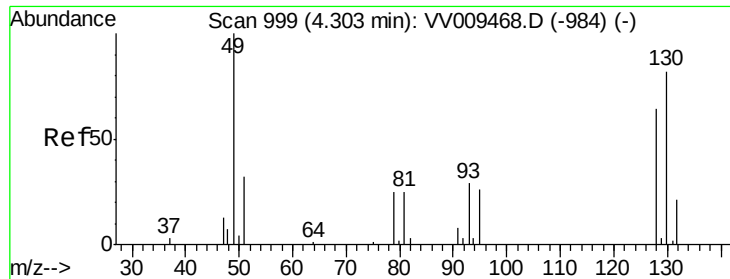
Ion Ratio Lower Upper

96 100

61 120.7 84.8 157.4

68 0.0 0.0 0.0

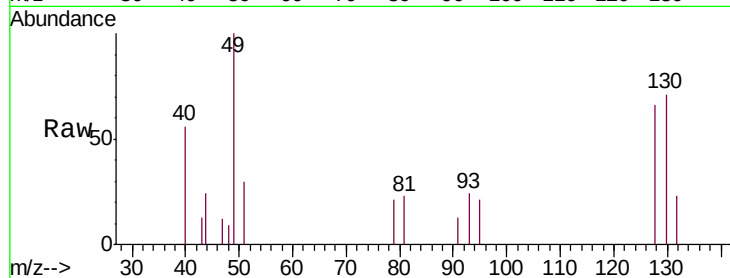




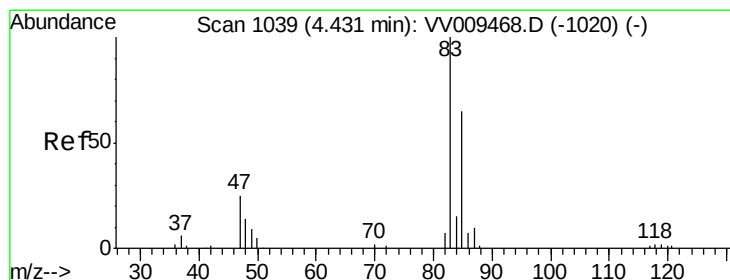
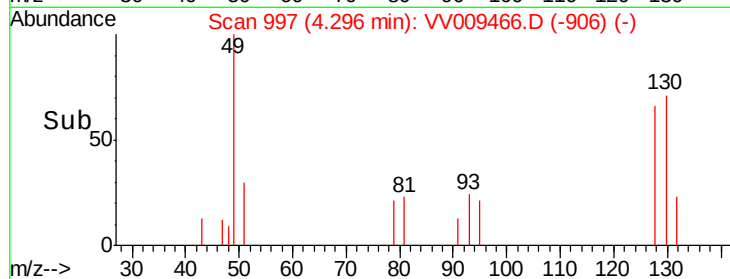
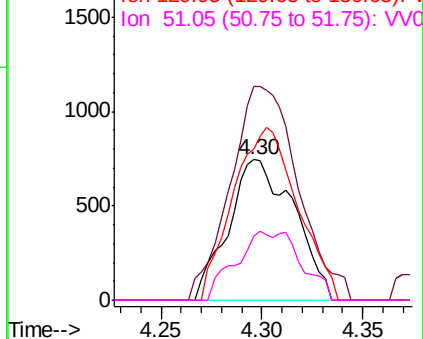
#23
Bromochloromethane
Concen: 0.569 ug/L
RT: 4.30 min Scan# 997
Delta R.T. -0.01 min
Lab File: VV009466.D
Acq: 04 Mar 2019 12:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.562

Tgt Ion:128 Resp: 1682
Ion Ratio Lower Upper
128 100
49 152.2 110.4 205.0
130 108.1 89.1 165.5
51 46.0 39.7 59.5

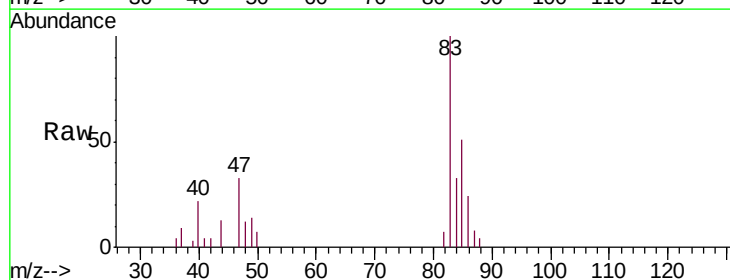


Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VV0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VV0

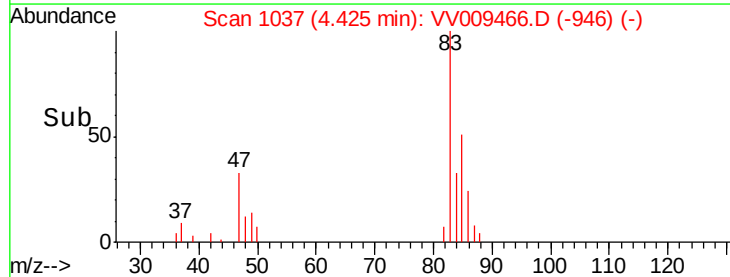
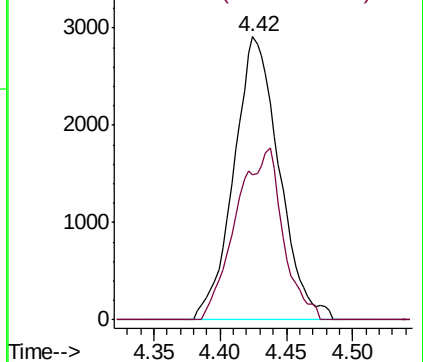


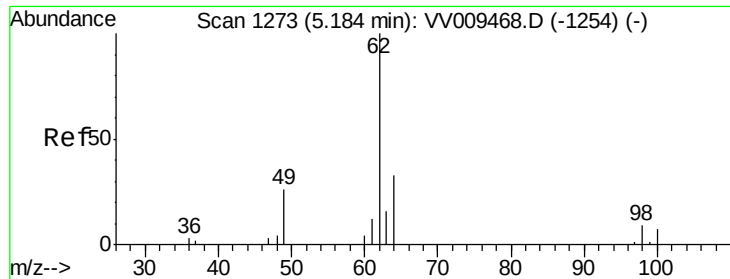
#25
Chloroform
Concen: 0.542 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.01 min
Lab File: VV009466.D
Acq: 04 Mar 2019 12:19

Tgt Ion: 83 Resp: 6926
Ion Ratio Lower Upper
83 100
85 51.2 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

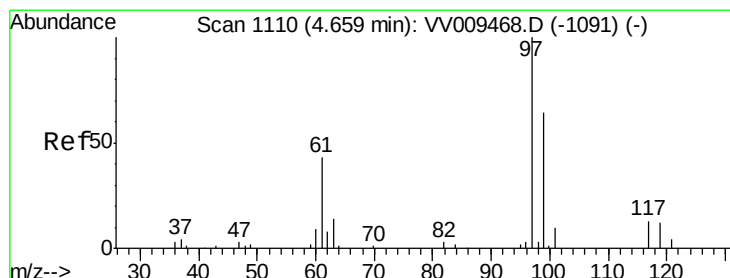
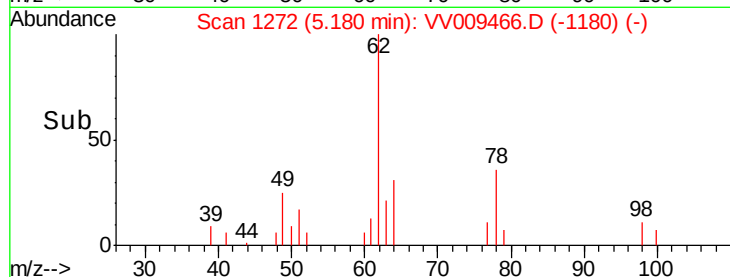
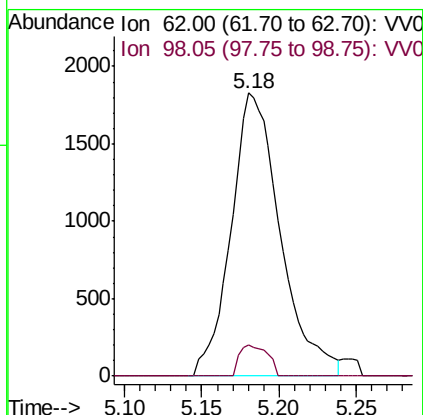
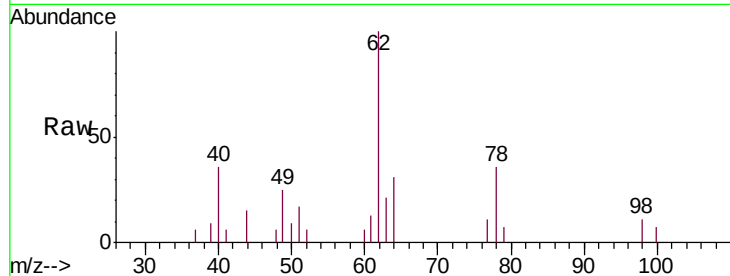




#27
 1,2-Dichloroethane
 Concen: 0.539 ug/L
 RT: 5.18 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: VV009466.D
 Acq: 04 Mar 2019 12:19

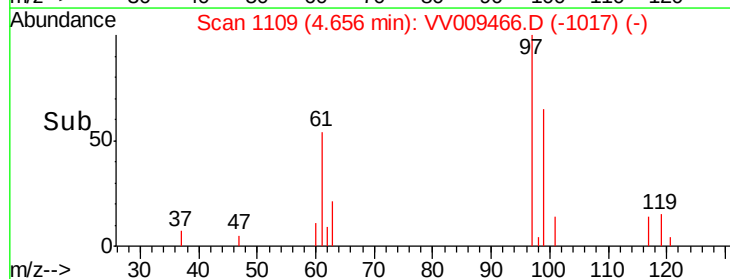
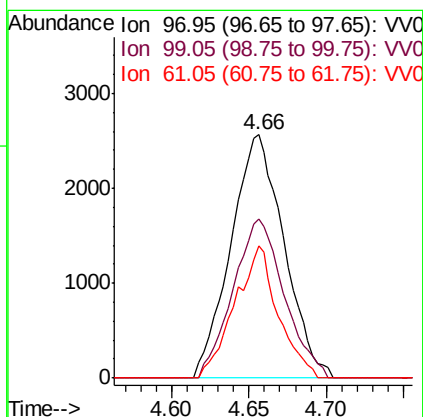
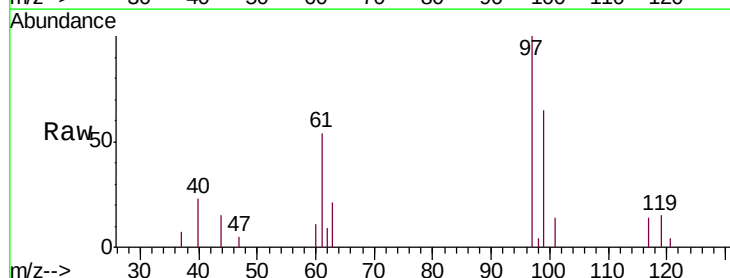
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.562

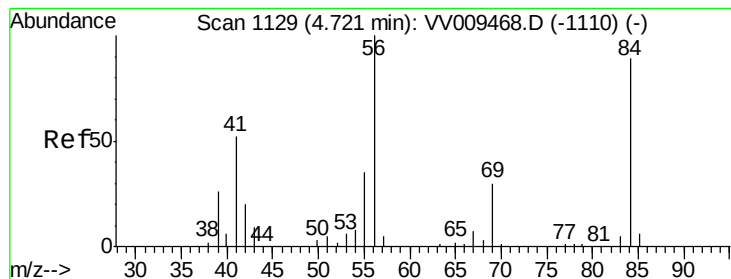
Tgt Ion: 62 Resp: 4056
 Ion Ratio Lower Upper
 62 100
 98 10.8 7.4 11.0



#29
 1,1,1-Trichloroethane
 Concen: 0.515 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: VV009466.D
 Acq: 04 Mar 2019 12:19

Tgt Ion: 97 Resp: 6120
 Ion Ratio Lower Upper
 97 100
 99 62.9 50.8 76.2
 61 44.3 35.0 52.6





#30

Cyclohexane

Concen: 0.548 ug/L

RT: 4.71 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.562

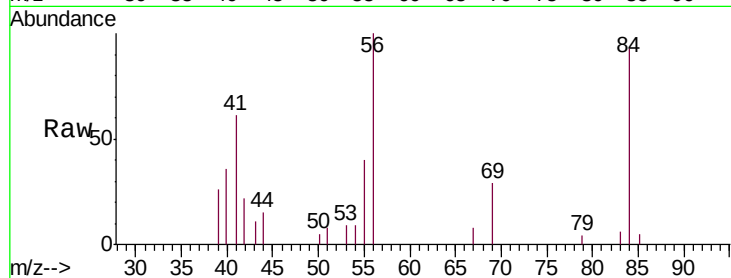
Tgt Ion: 56 Resp: 6278

Ion Ratio Lower Upper

56 100

69 32.4 25.6 38.4

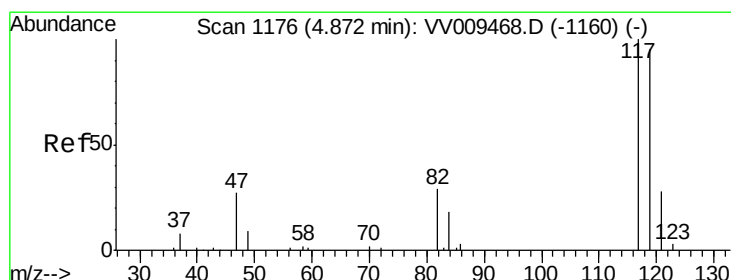
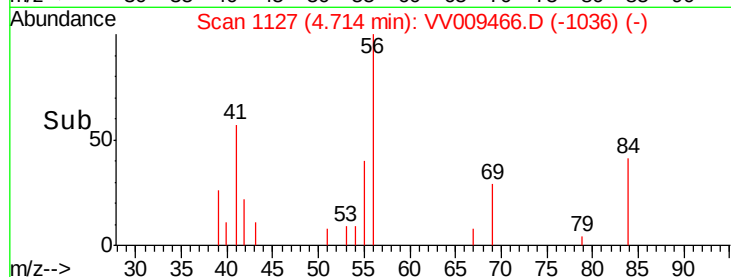
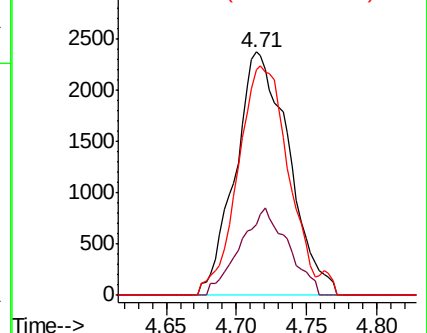
84 88.8 72.4 108.6



Abundance Ion 56.10 (55.80 to 56.80): VV009468.D (-1110) (-)

Ion 69.15 (68.85 to 69.85): VV009468.D (-1110) (-)

Ion 84.15 (83.85 to 84.85): VV009468.D (-1110) (-)



#31

Carbon tetrachloride

Concen: 0.469 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VV009466.D

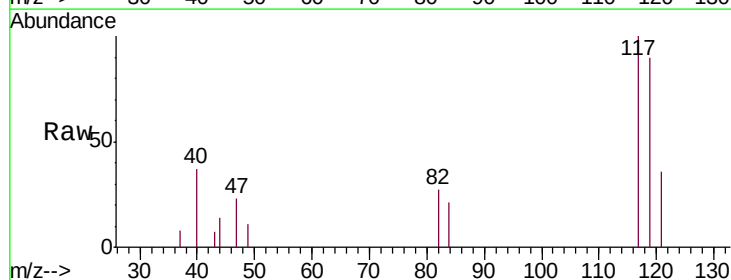
Acq: 04 Mar 2019 12:19

Tgt Ion: 117 Resp: 4605

Ion Ratio Lower Upper

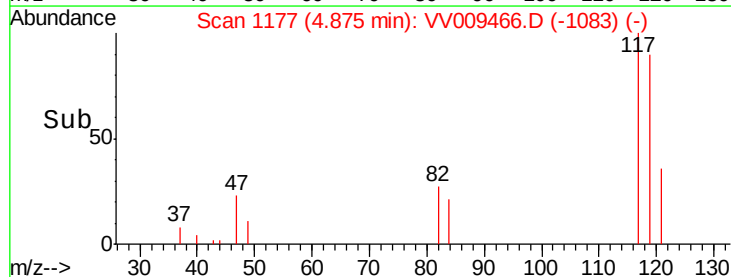
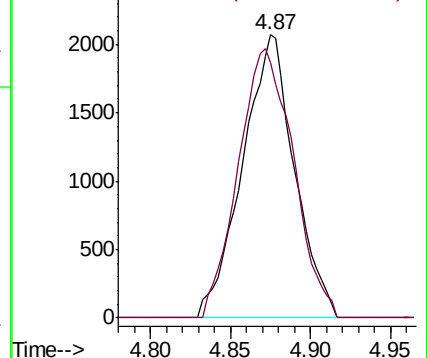
117 100

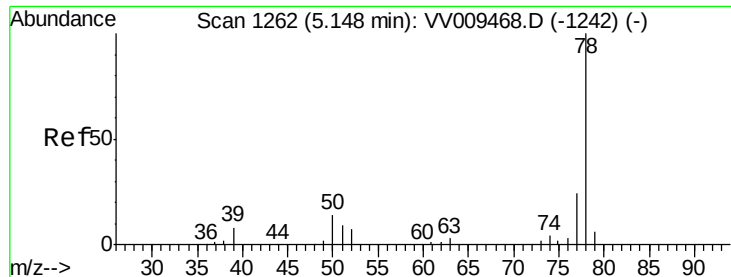
119 101.2 75.4 113.2



Abundance Ion 116.90 (116.60 to 117.60): VV009468.D (-1160) (-)

Ion 118.90 (118.60 to 119.60): VV009468.D (-1160) (-)





#33

Benzene

Concen: 0.531 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

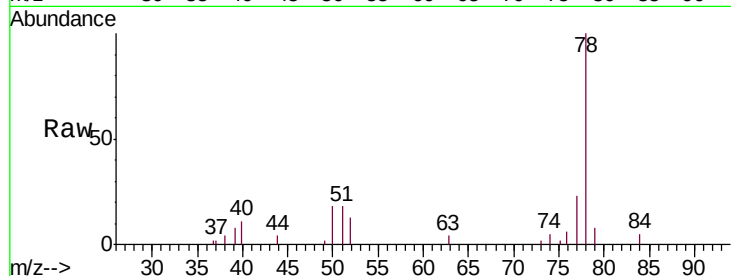
Instrument :

MSVOA_V

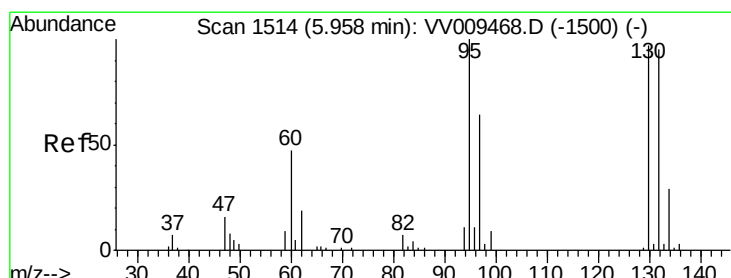
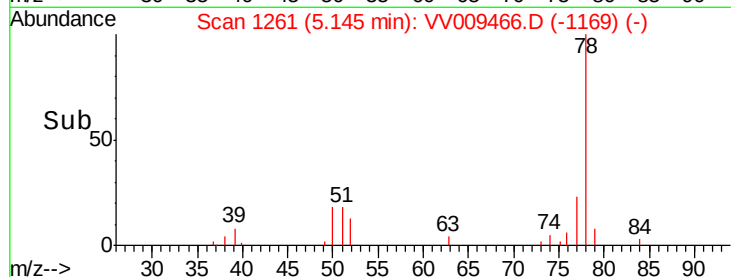
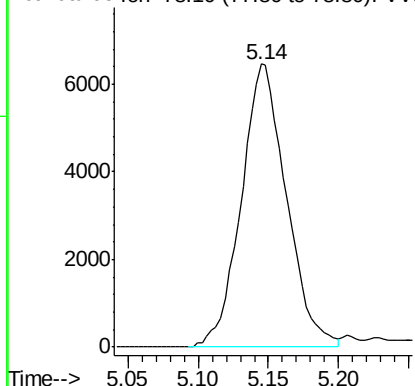
ClientSampleId :

VSTD0.562

Tgt Ion: 78 Resp: 14476



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 0.555 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

Tgt Ion: 95 Resp: 4320

Ion	Ratio	Lower	Upper
95	100		
97	68.7	44.4	82.5
132	87.6	66.4	123.4
130	115.6	68.1	126.5

Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

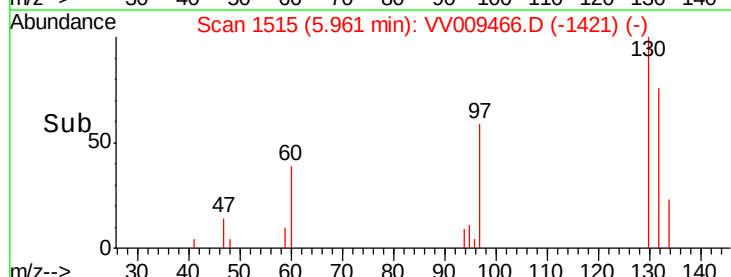
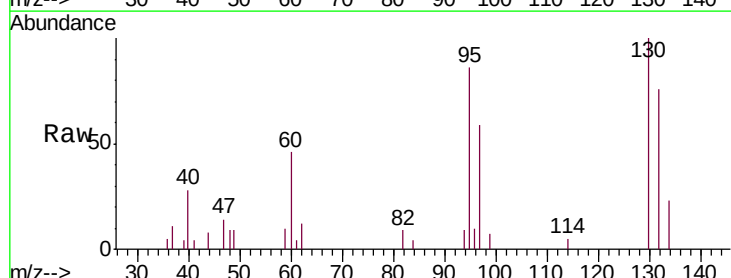
Ion 129.95 (129.65 to 130.65): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

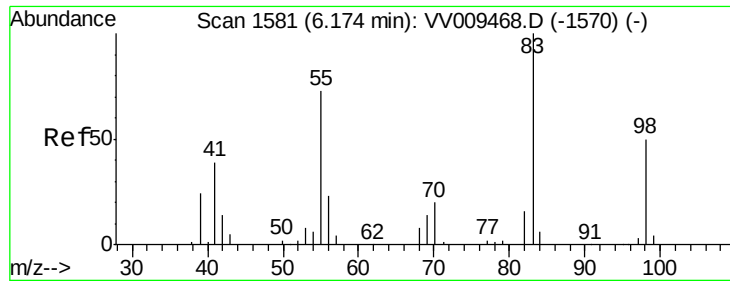
Ion 129.95 (129.65 to 130.65): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

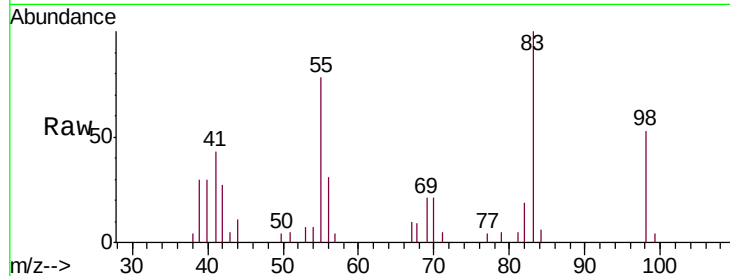
Ion 129.95 (129.65 to 130.65): VV0



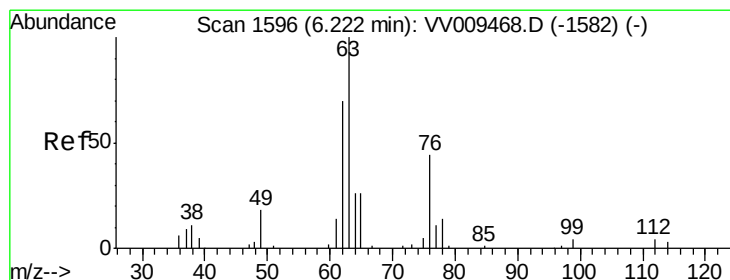
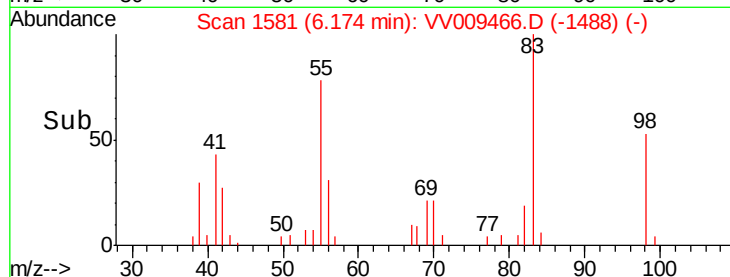
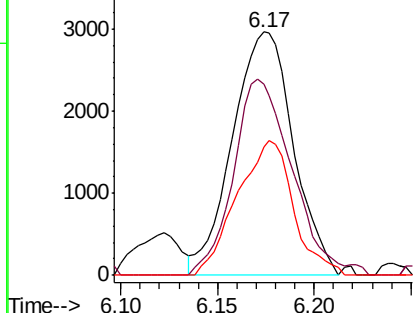
#35
Methylcyclohexane
Concen: 0.506 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VV009466.D
Acq: 04 Mar 2019 12:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.562

Tgt Ion: 83 Resp: 6493
Ion Ratio Lower Upper
83 100
55 78.0 57.4 86.2
98 51.1 38.9 58.3

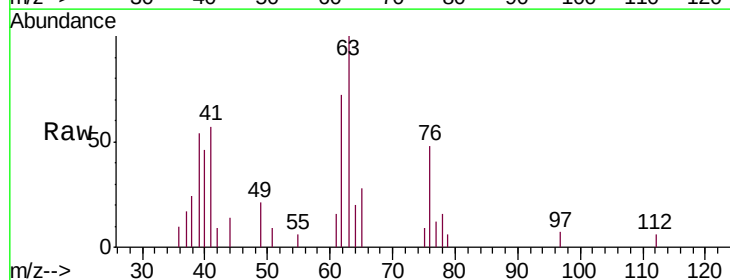


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

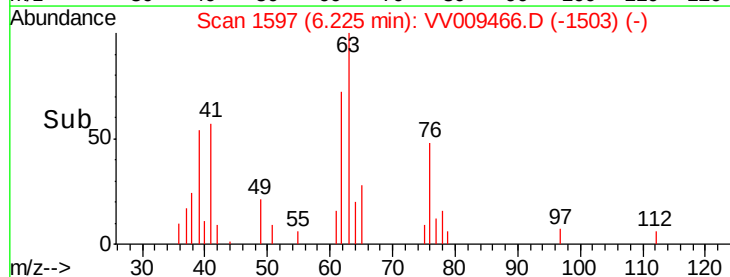
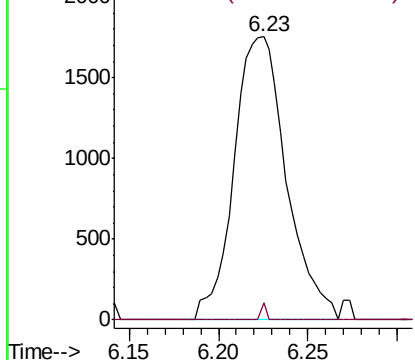


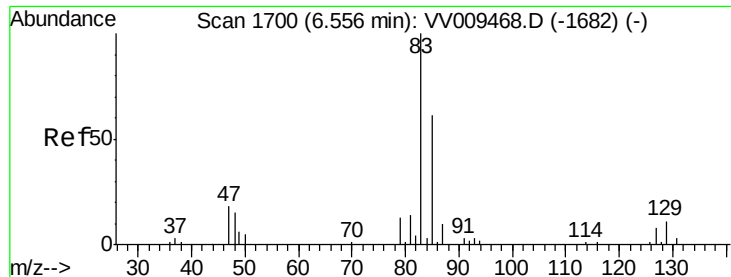
#37
1,2-Dichloropropane
Concen: 0.538 ug/L
RT: 6.23 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VV009466.D
Acq: 04 Mar 2019 12:19

Tgt Ion: 63 Resp: 3601
Ion Ratio Lower Upper
63 100
112 0.6 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 0.530 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.562

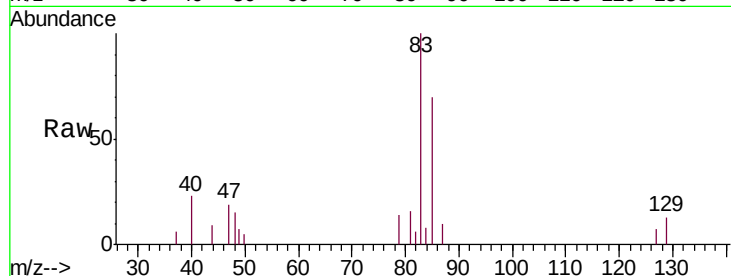
Tgt Ion: 83 Resp: 4909

Ion Ratio Lower Upper

83 100

85 69.6 42.8 79.4

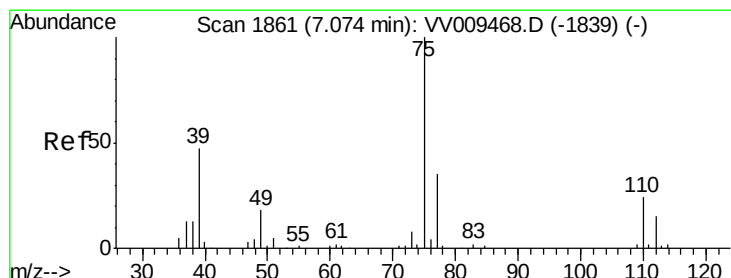
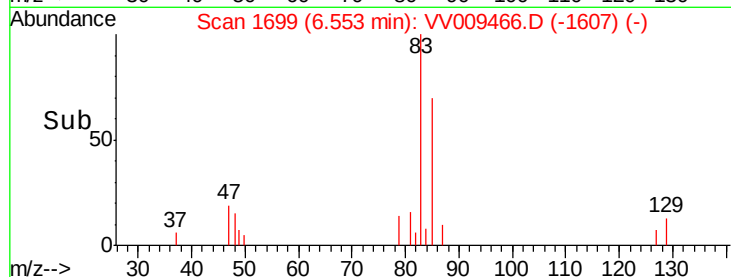
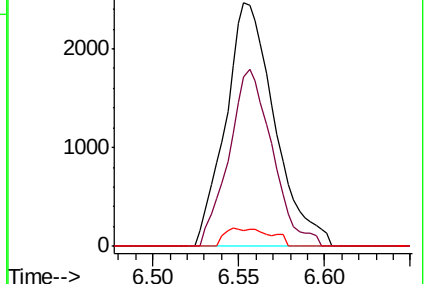
127 6.6 6.2 9.4



Abundance Ion 82.95 (82.65 to 83.65): VV009466.D (-1697) (-)

Ion 85.00 (84.70 to 85.70): VV009466.D (-1697) (-)

Ion 126.90 (126.60 to 127.60): VV009466.D (-1697) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.508 ug/L

RT: 7.07 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VV009466.D

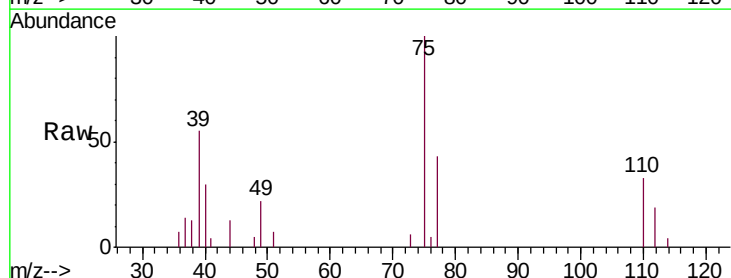
Acq: 04 Mar 2019 12:19

Tgt Ion: 75 Resp: 5366

Ion Ratio Lower Upper

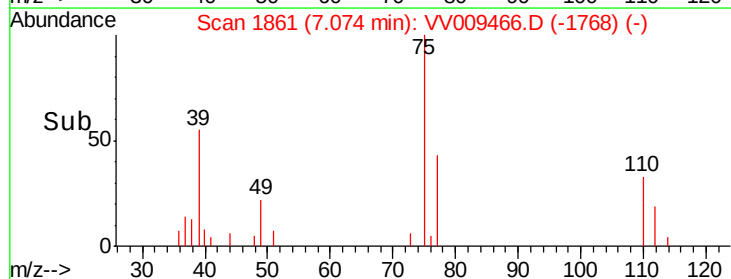
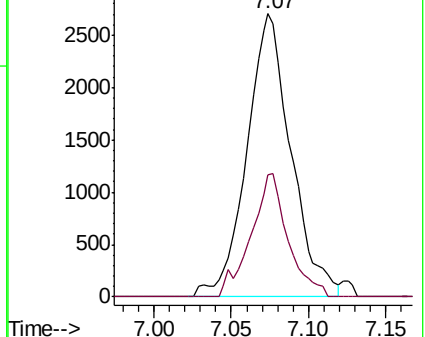
75 100

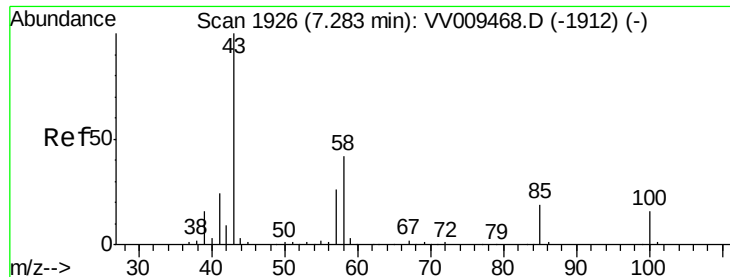
77 43.3 24.1 44.8



Abundance Ion 75.05 (74.75 to 75.75): VV009466.D (-1768) (-)

Ion 77.05 (76.75 to 77.75): VV009466.D (-1768) (-)

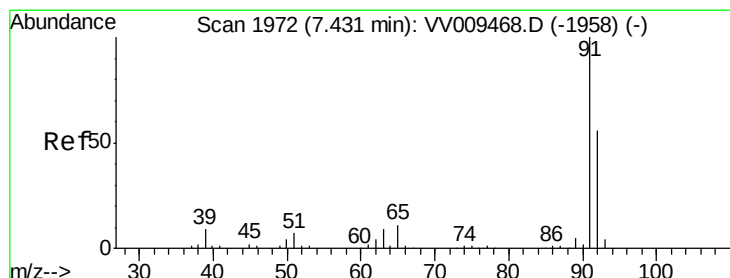
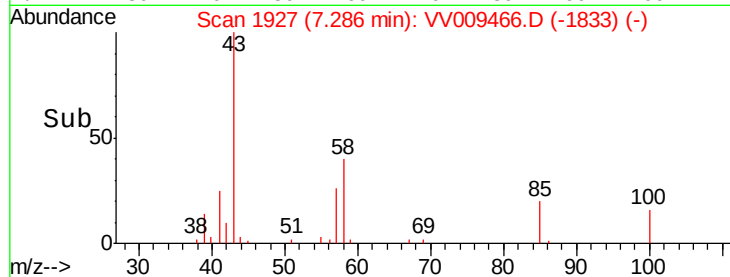
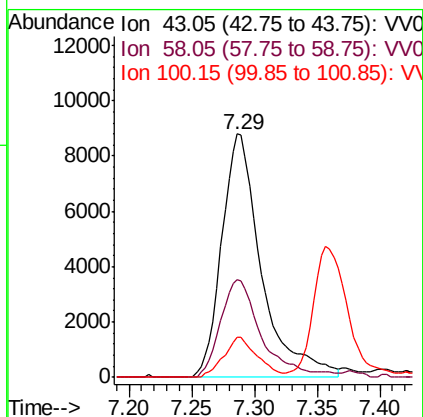
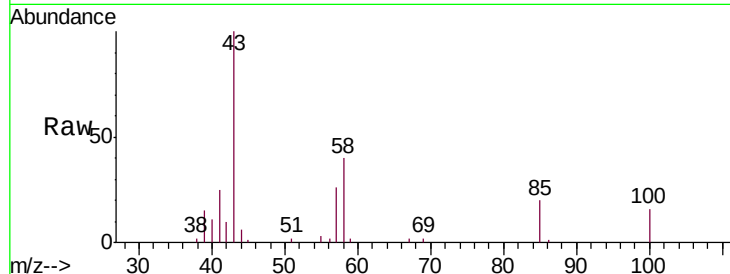




#40
4-Methyl-2-pentanone
Concen: 5.325 ug/L
RT: 7.29 min Scan# 1927
Delta R.T. 0.00 min
Lab File: VV009466.D
Acq: 04 Mar 2019 12:19

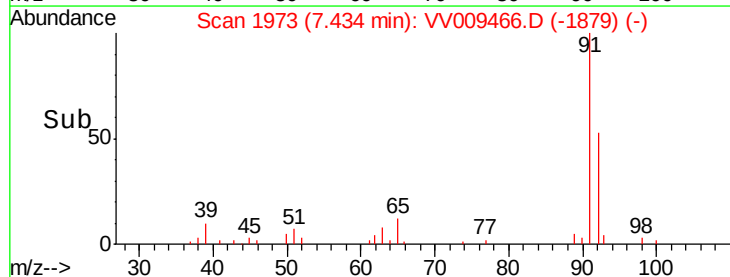
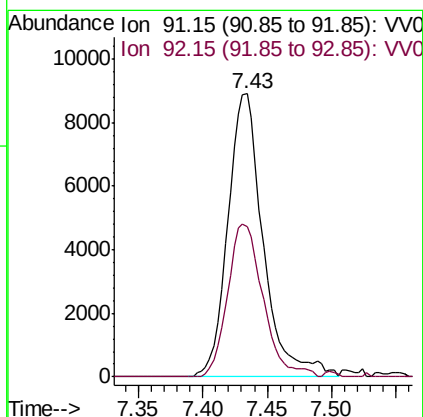
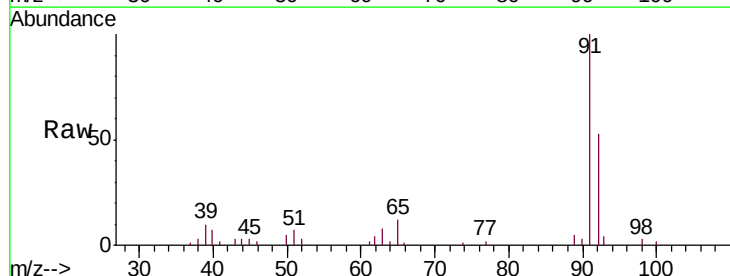
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.562

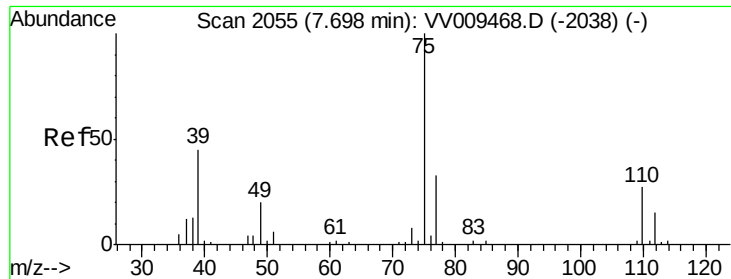
Tgt Ion: 43 Resp: 19290
Ion Ratio Lower Upper
43 100
58 40.4 32.3 48.5
100 14.0 12.0 18.0



#42
Toluene
Concen: 0.539 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV009466.D
Acq: 04 Mar 2019 12:19

Tgt Ion: 91 Resp: 16929
Ion Ratio Lower Upper
91 100
92 52.9 39.1 72.5

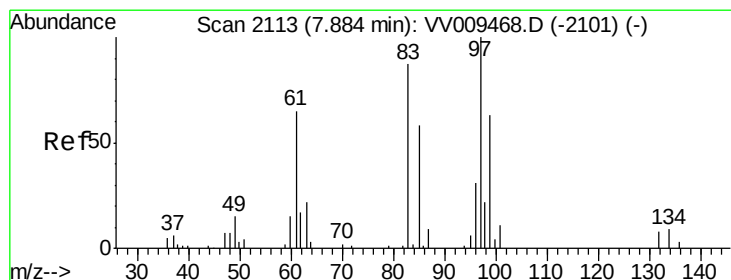
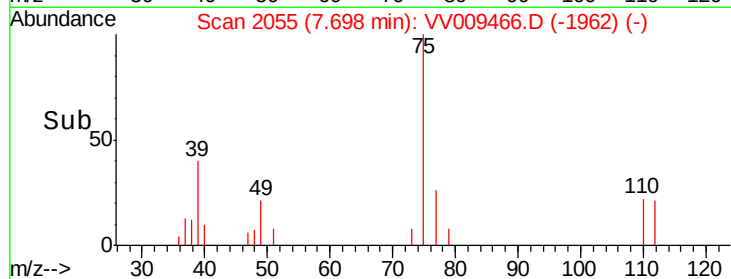
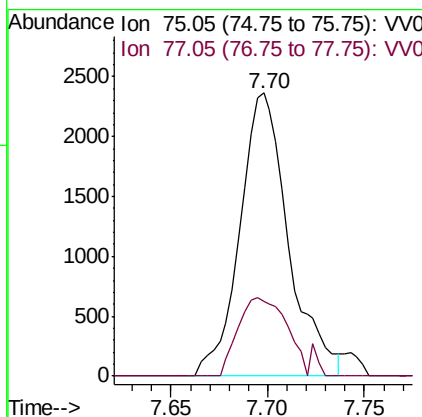
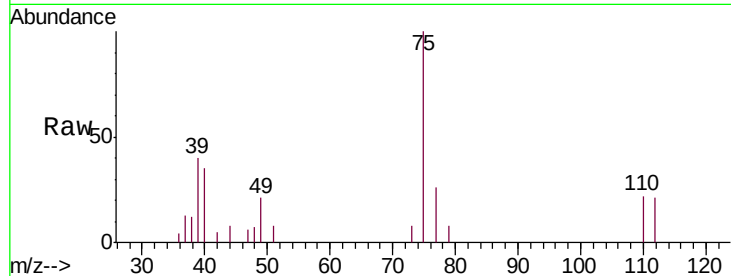




#44
 trans-1,3-Dichloropropene
 Concen: 0.503 ug/L
 RT: 7.70 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: VV009466.D
 Acq: 04 Mar 2019 12:19

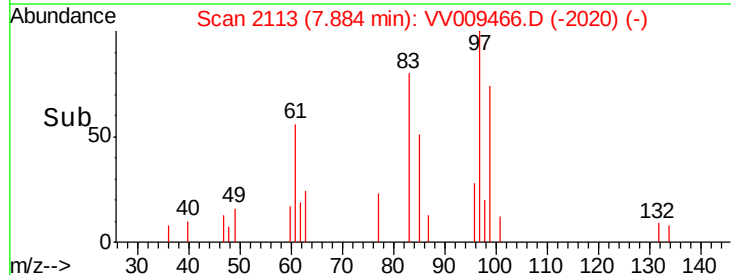
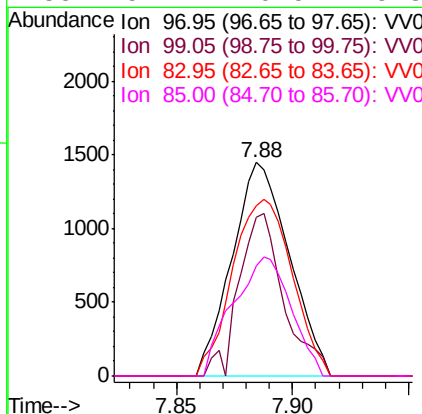
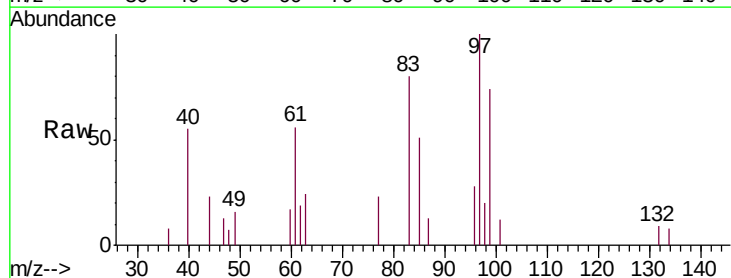
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.562

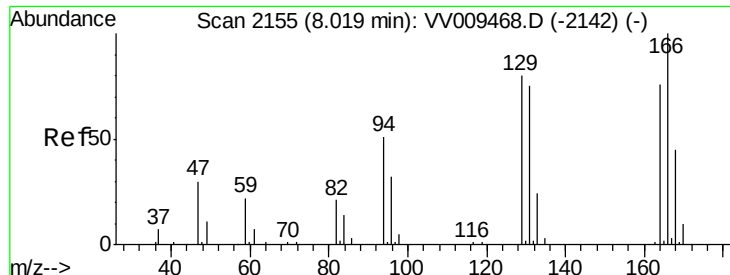
Tgt Ion: 75 Resp: 4141
 Ion Ratio Lower Upper
 75 100
 77 26.5 22.7 42.3



#45
 1,1,2-Trichloroethane
 Concen: 0.518 ug/L
 RT: 7.88 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VV009466.D
 Acq: 04 Mar 2019 12:19

Tgt Ion: 97 Resp: 2496
 Ion Ratio Lower Upper
 97 100
 99 74.1 43.8 81.4
 83 79.7 60.7 112.7
 85 51.2 40.5 75.3

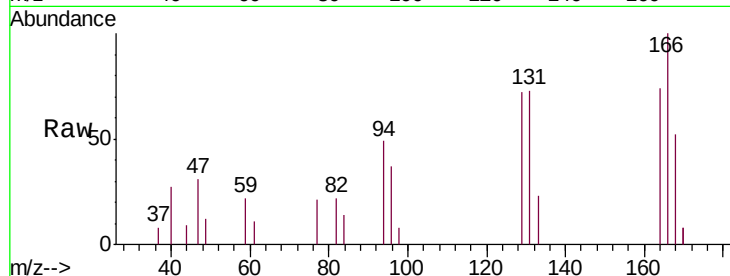




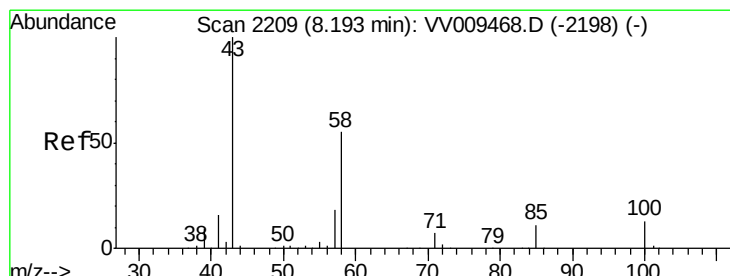
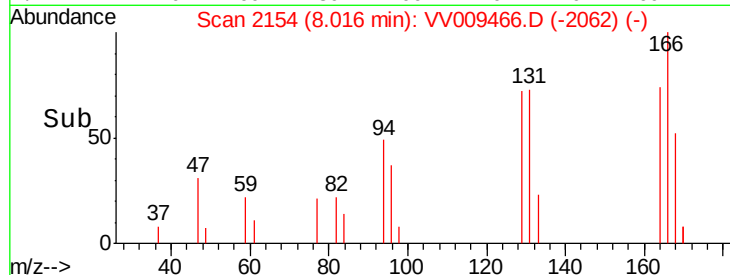
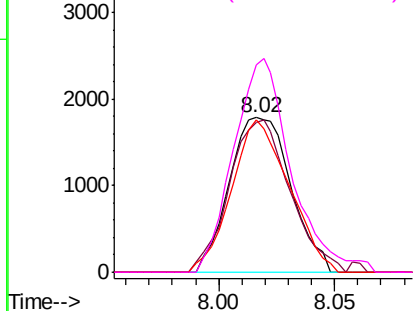
#47
 Tetrachloroethene
 Concen: 0.539 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV009466.D
 Acq: 04 Mar 2019 12:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.562

Tgt Ion:164 Resp: 3288
 Ion Ratio Lower Upper
 164 100
 129 96.6 73.6 136.8
 131 98.2 68.4 127.0
 166 134.4 91.8 170.4

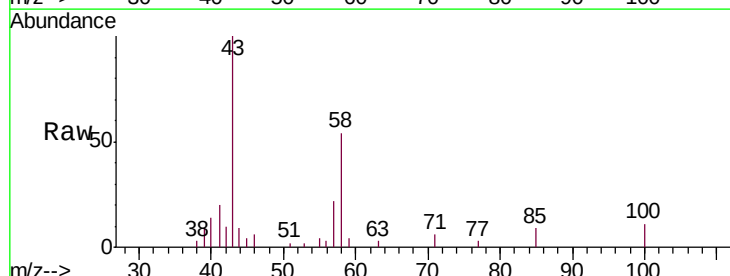


Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

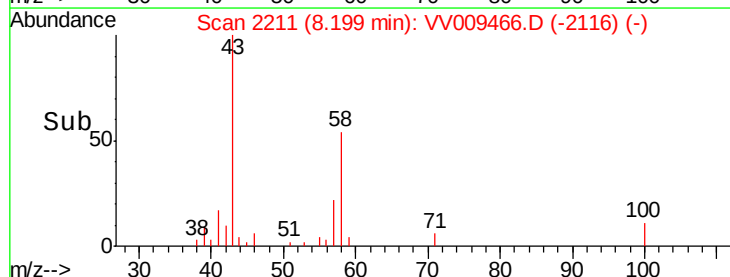
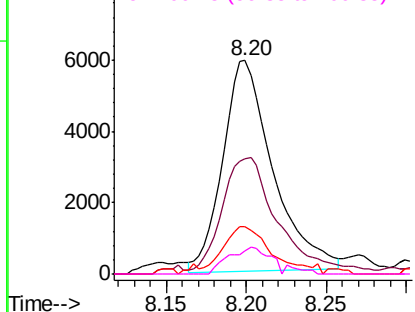


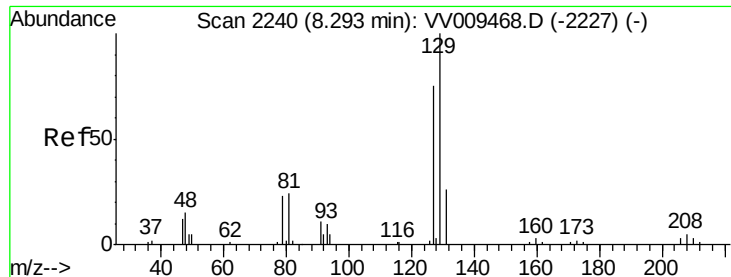
#48
 2-Hexanone
 Concen: 5.203 ug/L
 RT: 8.20 min Scan# 2211
 Delta R.T. 0.01 min
 Lab File: VV009466.D
 Acq: 04 Mar 2019 12:19

Tgt Ion: 43 Resp: 12651
 Ion Ratio Lower Upper
 43 100
 58 58.9 43.4 65.0
 57 21.8 15.0 22.4
 100 10.8 9.6 14.4



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 58.05 (57.75 to 58.75): VV0
 Ion 57.20 (56.90 to 57.90): VV0
 Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 0.477 ug/L

RT: 8.29 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

Instrument :

MSVOA_V

ClientSampleId :

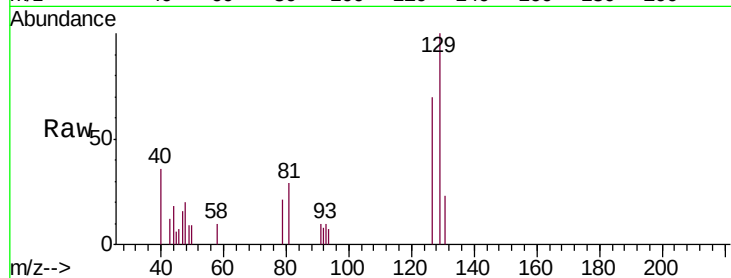
VSTD0.562

Tgt Ion:129 Resp: 3001

Ion Ratio Lower Upper

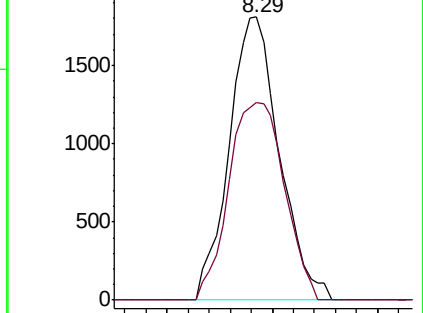
129 100

127 69.9 52.4 97.4

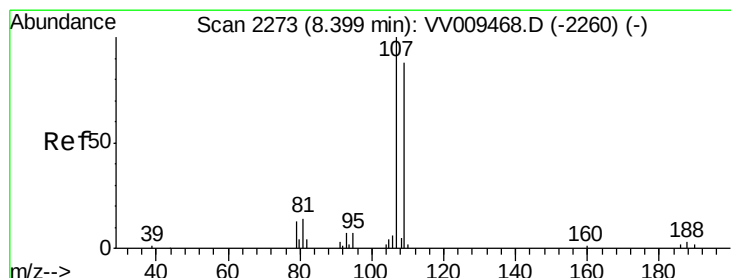
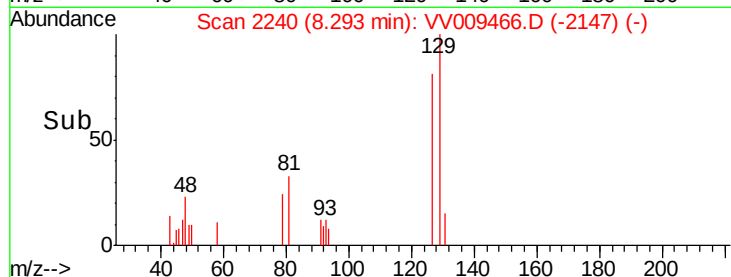


Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



Time-->



#50

1,2-Dibromoethane

Concen: 0.512 ug/L

RT: 8.40 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

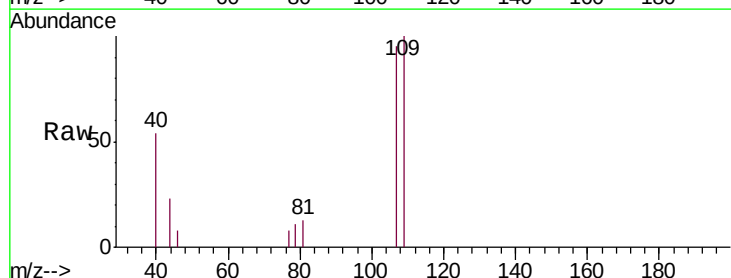
Tgt Ion:107 Resp: 2354

Ion Ratio Lower Upper

107 100

109 105.8 61.8 114.8

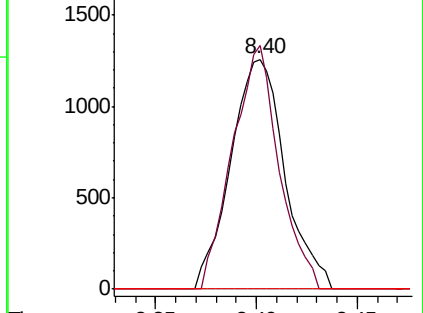
188 0.0 2.4 3.6#



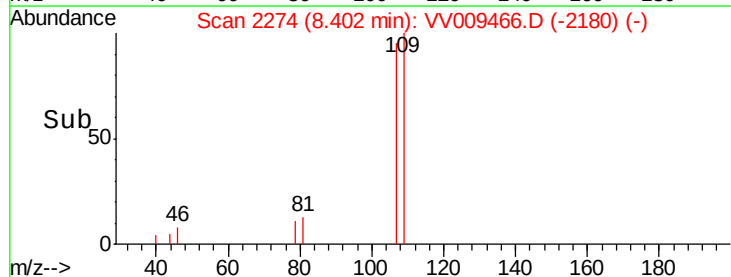
Abundance Ion 106.95 (106.65 to 107.65): V

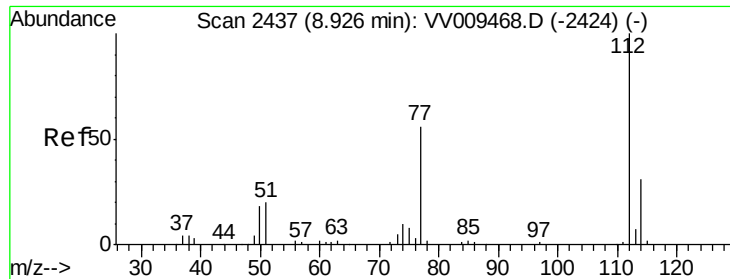
Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V



Time-->

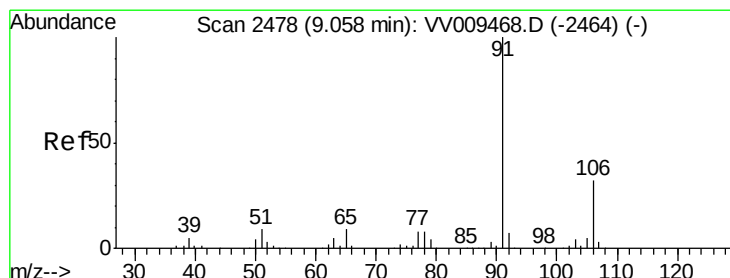
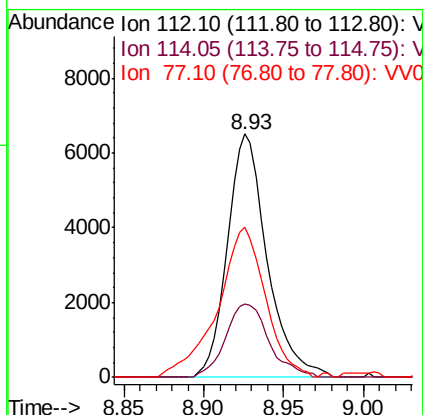
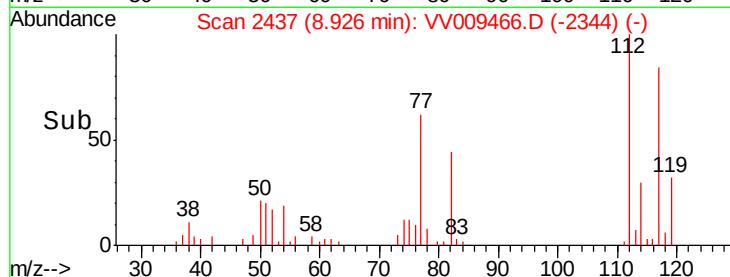
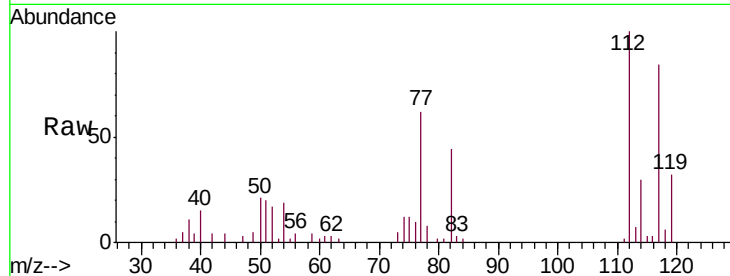




#51
Chlorobenzene
Concen: 0.538 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VV009466.D
Acq: 04 Mar 2019 12:19

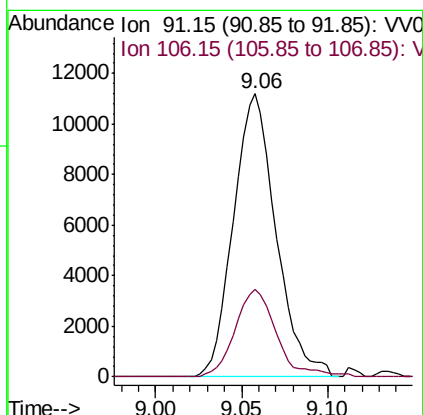
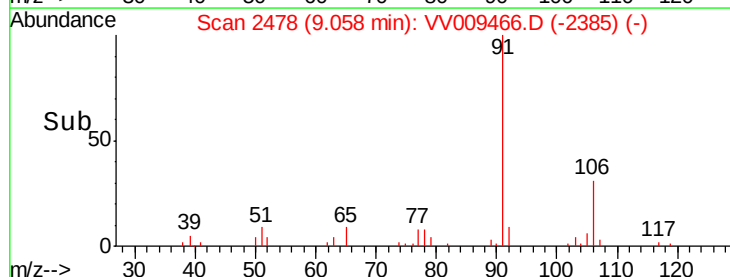
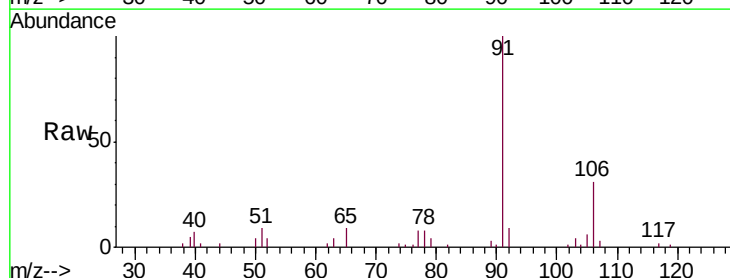
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.562

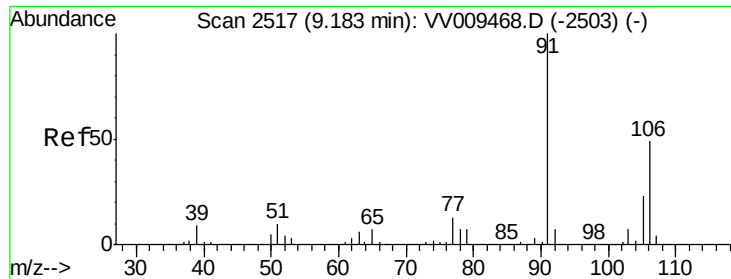
Tgt Ion: 112 Resp: 11000
Ion Ratio Lower Upper
112 100
114 30.3 21.8 40.4
77 61.6 45.0 67.4



#52
Ethylbenzene
Concen: 0.538 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. -0.00 min
Lab File: VV009466.D
Acq: 04 Mar 2019 12:19

Tgt Ion: 91 Resp: 19226
Ion Ratio Lower Upper
91 100
106 30.7 22.7 42.1





#53

m,p-xylene

Concen: 0.466 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. -0.00 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

Instrument :

MSVOA_V

ClientSampleId :

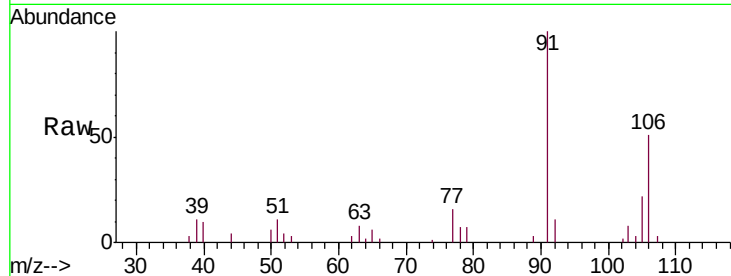
VSTD0.562

Tgt Ion:106 Resp: 6503

Ion Ratio Lower Upper

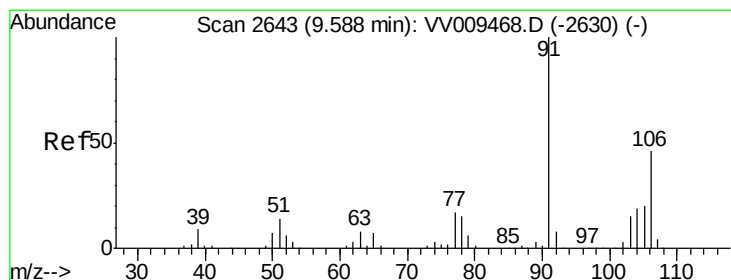
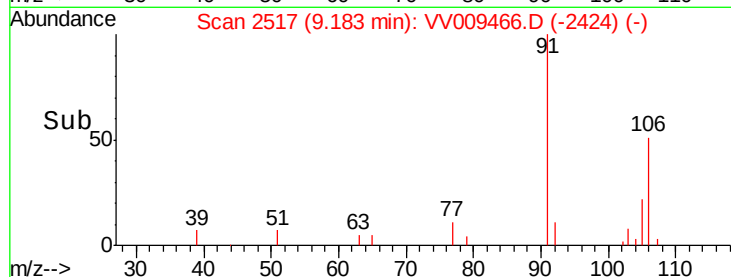
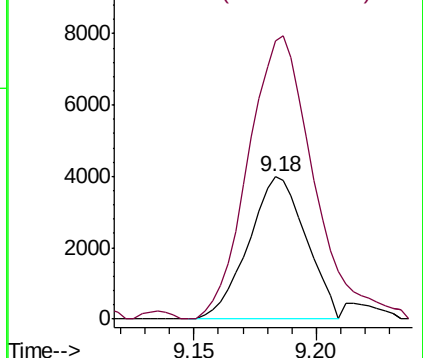
106 100

91 195.6 143.2 266.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.536 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VV009466.D

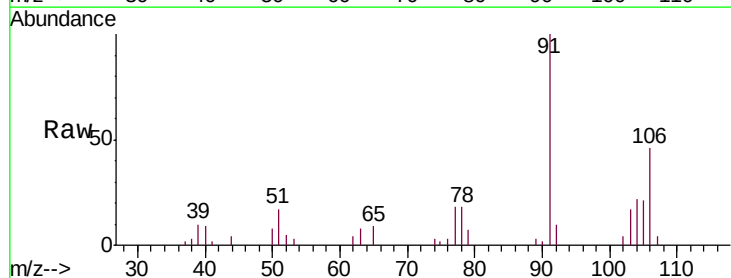
Acq: 04 Mar 2019 12:19

Tgt Ion:106 Resp: 7240

Ion Ratio Lower Upper

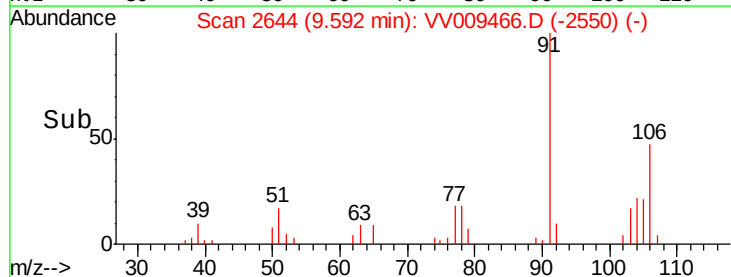
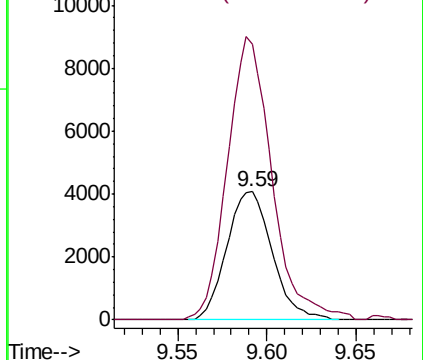
106 100

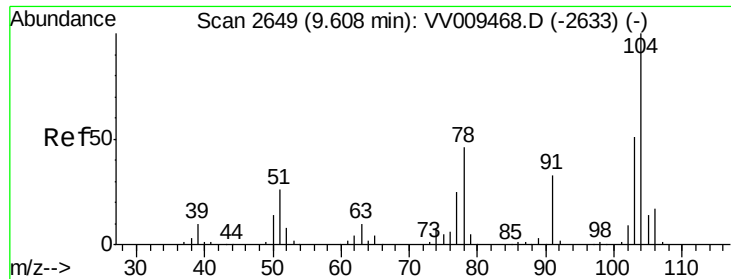
91 215.3 152.9 283.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#55

Styrene

Concen: 0.512 ug/L

RT: 9.61 min Scan# 2649

Delta R.T. -0.00 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

Instrument :

MSVOA_V

ClientSampleId :

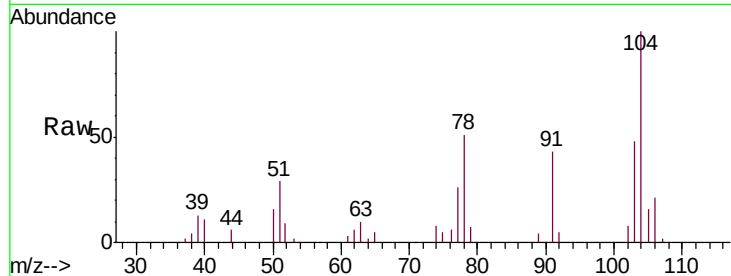
VSTD0.562

Tgt Ion:104 Resp: 11253

Ion Ratio Lower Upper

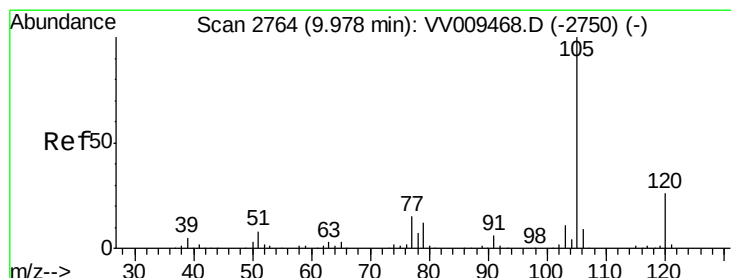
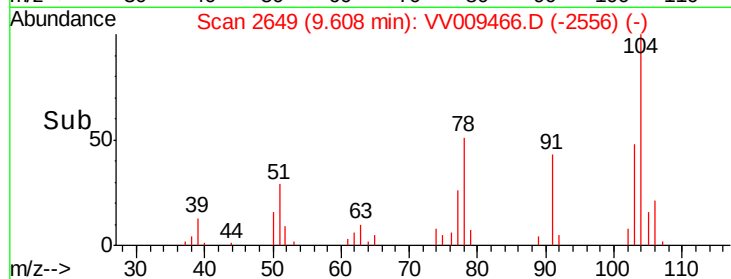
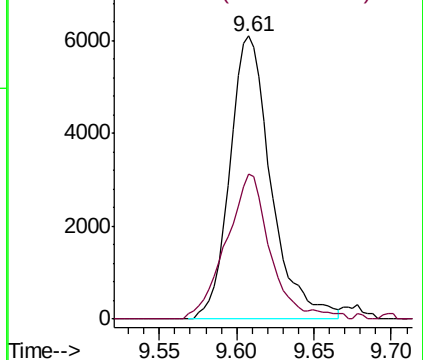
104 100

78 51.2 32.2 59.8



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0



#56

Isopropylbenzene

Concen: 0.548 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. -0.00 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

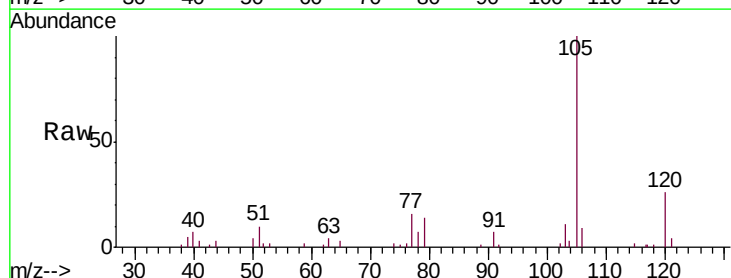
Tgt Ion:105 Resp: 19798

Ion Ratio Lower Upper

105 100

120 23.8 21.4 32.2

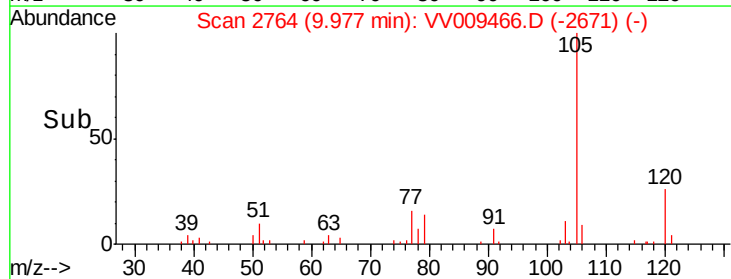
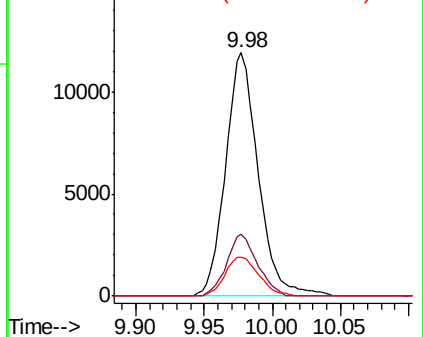
77 16.7 12.6 19.0

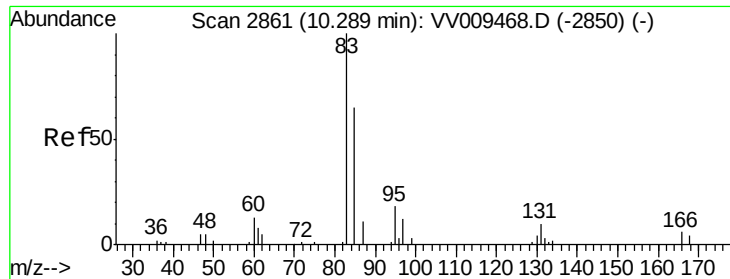


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0





#58

1,1,2,2-Tetrachloroethane

Concen: 0.502 ug/L

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.562

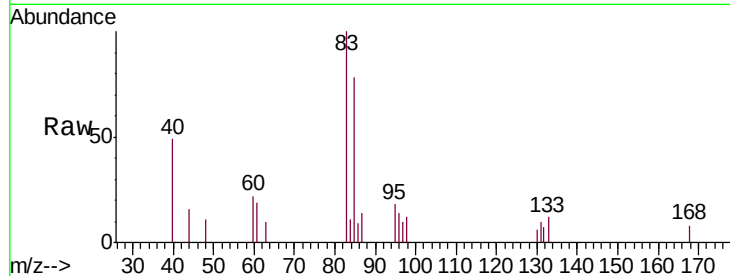
Tgt Ion: 83 Resp: 2896

Ion Ratio Lower Upper

83 100

85 78.1 45.8 85.2

131 10.0 9.0 13.4

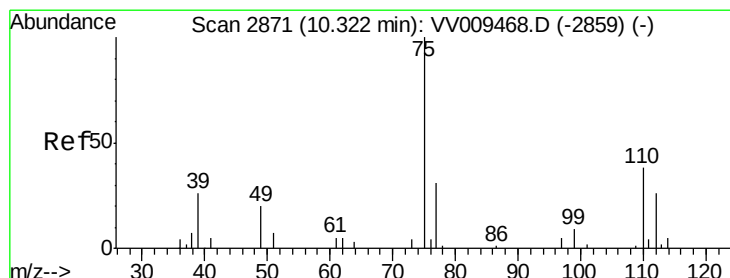
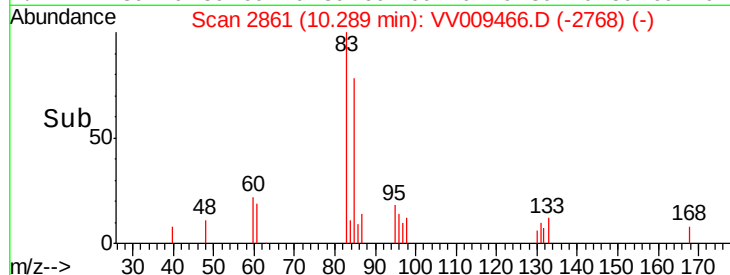


Abundance Ion 82.95 (82.65 to 83.65): VV009468.D (-2850) (-)

Ion 85.00 (84.70 to 85.70): VV009468.D (-2850) (-)

Ion 130.95 (130.65 to 131.65): VV009468.D (-2850) (-)

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.570 ug/L

RT: 10.32 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VV009466.D

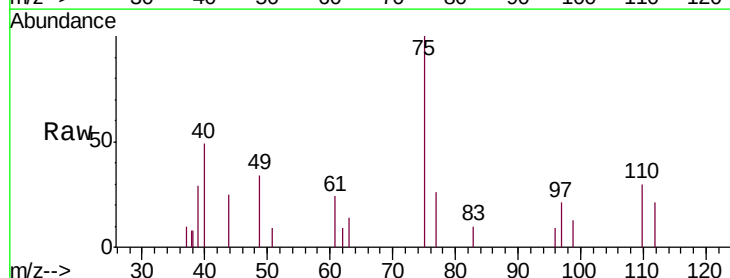
Acq: 04 Mar 2019 12:19

Tgt Ion: 75 Resp: 2252

Ion Ratio Lower Upper

75 100

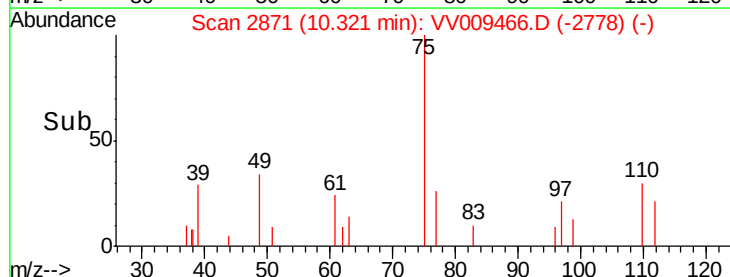
77 27.9 25.7 38.5

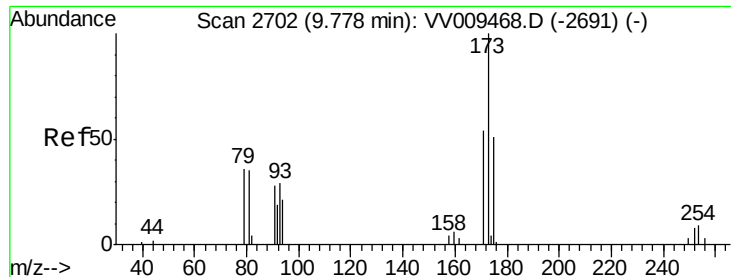


Abundance Ion 75.00 (74.70 to 75.70): VV009468.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV009468.D (-2859) (-)

Time-->





#61

Bromoform

Concen: 0.500 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. -0.00 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.562

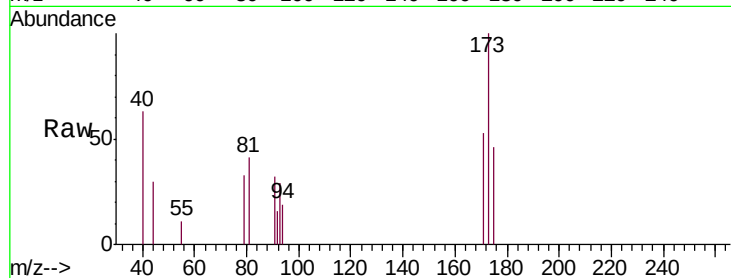
Tgt Ion:173 Resp: 1576

Ion Ratio Lower Upper

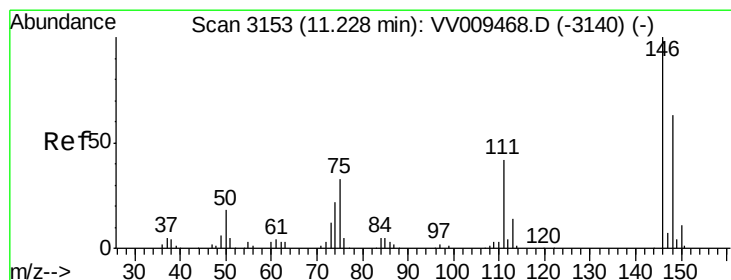
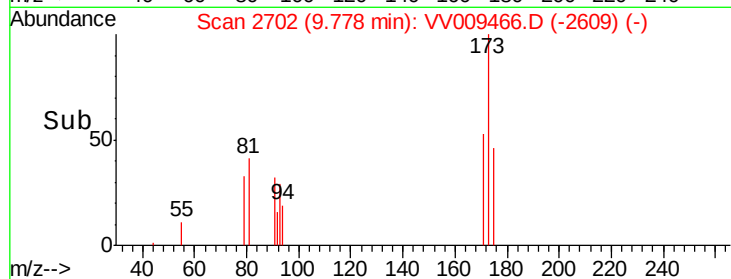
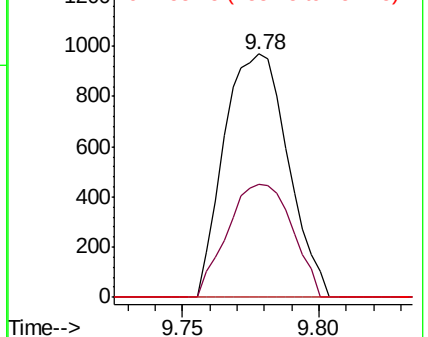
173 100

175 47.0 40.0 60.0

254 0.0 6.2 9.2#



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#62

1,3-Dichlorobenzene

Concen: 0.510 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. -0.00 min

Lab File: VV009466.D

Acq: 04 Mar 2019 12:19

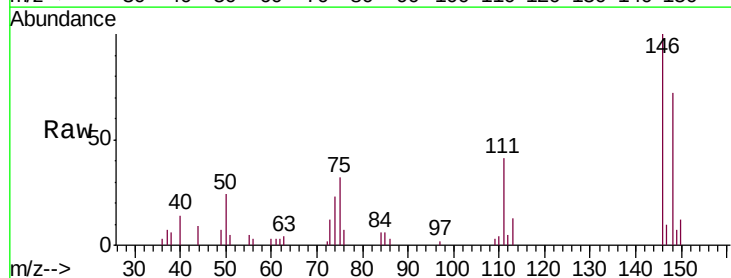
Tgt Ion:146 Resp: 8139

Ion Ratio Lower Upper

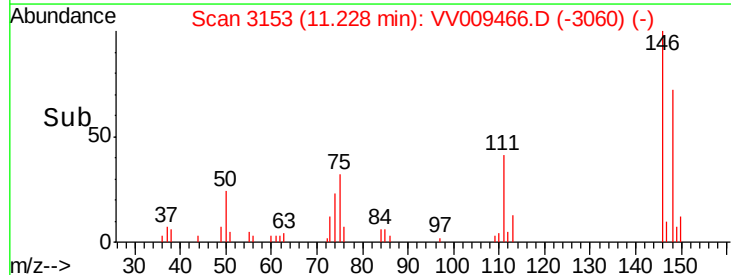
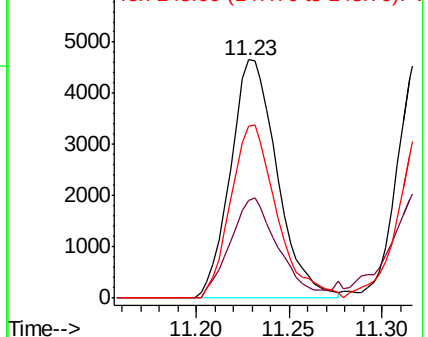
146 100

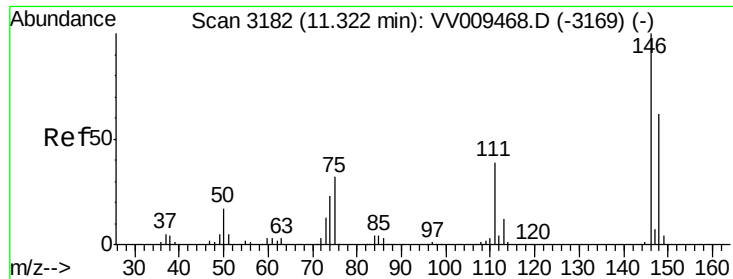
111 41.1 29.7 55.1

148 72.3 44.2 82.0



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

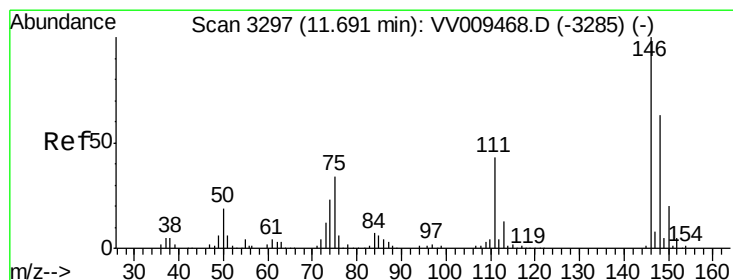
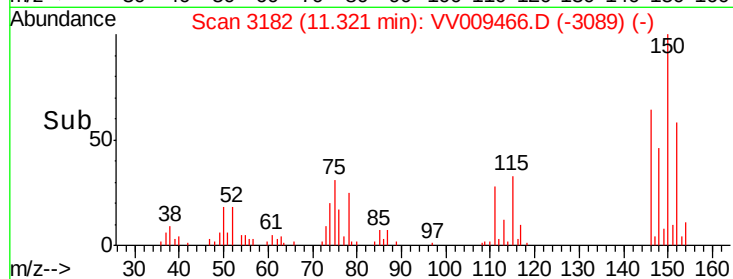
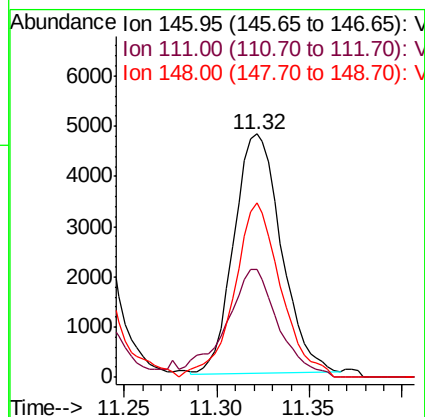
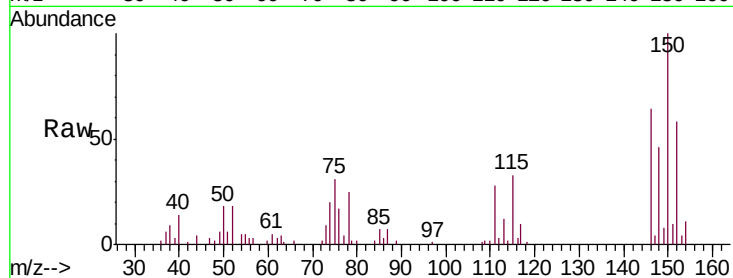




#63
 1,4-Dichlorobenzene
 Concen: 0.536 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VV009466.D
 Acq: 04 Mar 2019 12:19

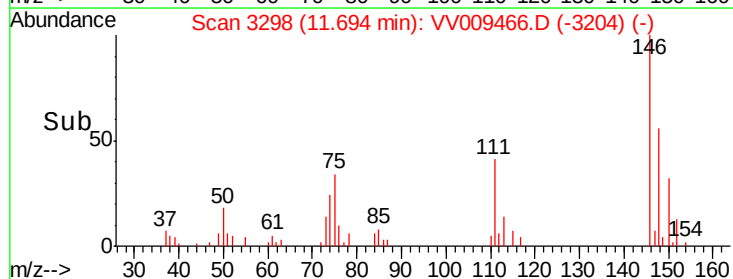
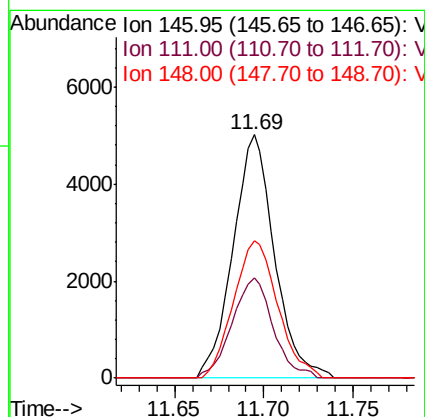
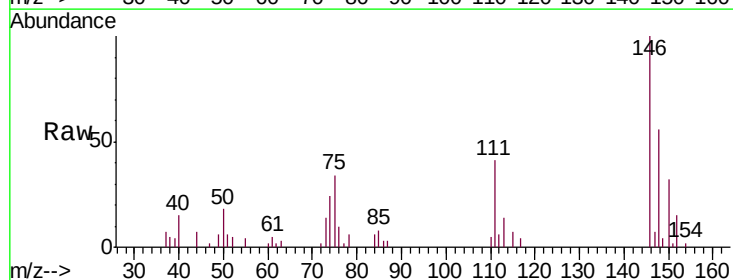
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.562

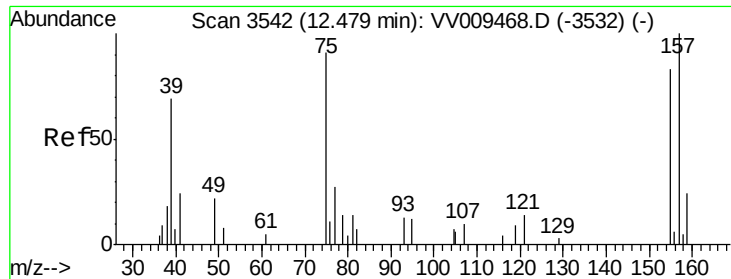
Tgt Ion:146 Resp: 8437
 Ion Ratio Lower Upper
 146 100
 111 44.4 27.4 51.0
 148 71.6 43.6 81.0



#65
 1,2-Dichlorobenzene
 Concen: 0.562 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV009466.D
 Acq: 04 Mar 2019 12:19

Tgt Ion:146 Resp: 8131
 Ion Ratio Lower Upper
 146 100
 111 40.9 34.7 52.1
 148 56.3 50.6 76.0

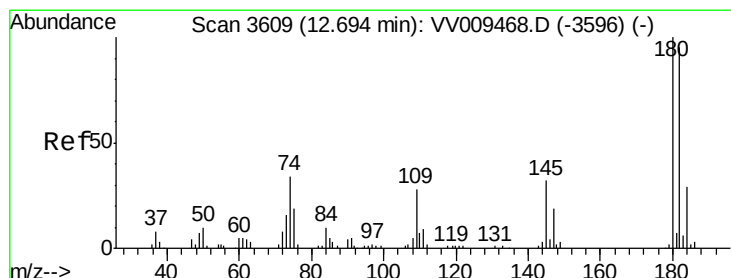
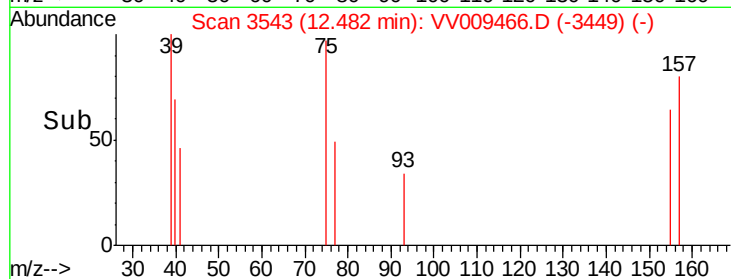
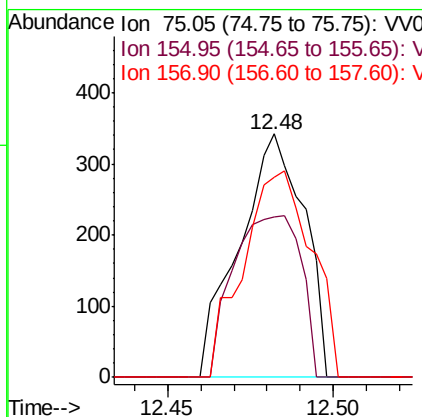
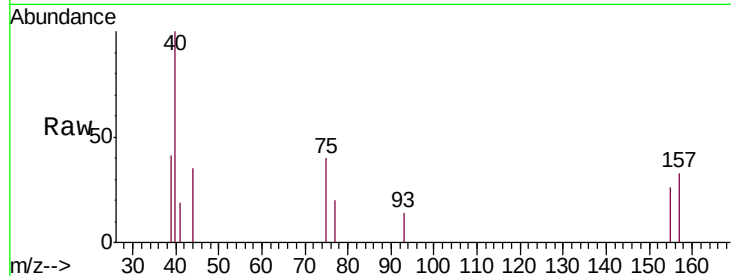




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.510 ug/L
 RT: 12.48 min Scan# 3543
 Delta R.T. 0.00 min
 Lab File: VV009466.D
 Acq: 04 Mar 2019 12:19

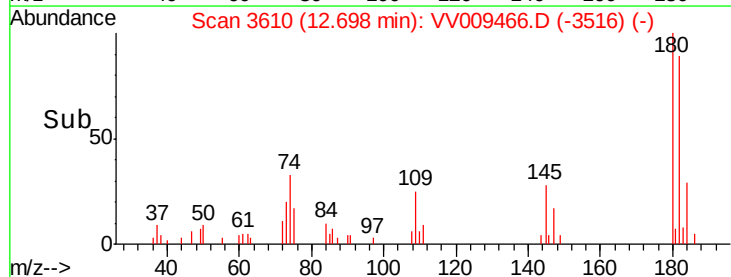
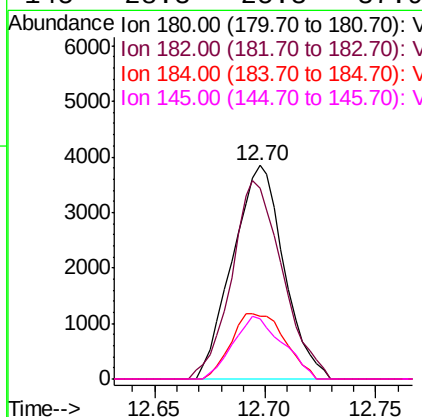
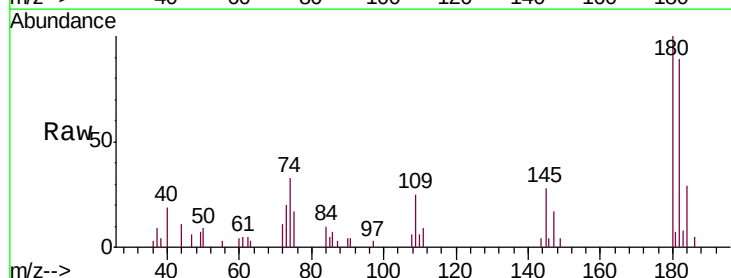
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.562

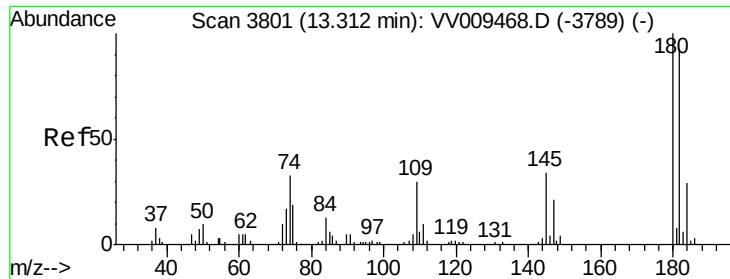
Tgt Ion: 75 Resp: 468
 Ion Ratio Lower Upper
 75 100
 155 66.1 73.5 110.3#
 157 82.2 88.3 132.5#



#67
 1,3,5-Trichlorobenzene
 Concen: 0.543 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. 0.00 min
 Lab File: VV009466.D
 Acq: 04 Mar 2019 12:19

Tgt Ion: 180 Resp: 6199
 Ion Ratio Lower Upper
 180 100
 182 91.7 75.0 112.6
 184 32.2 23.9 35.9
 145 28.3 25.3 37.9

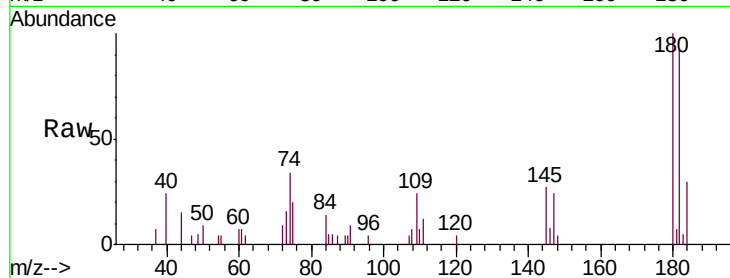




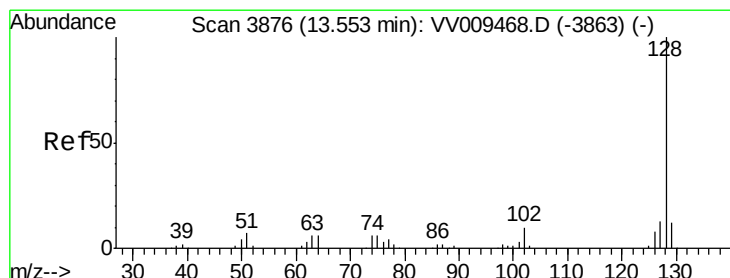
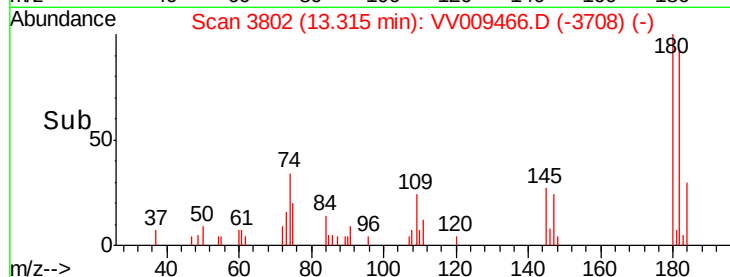
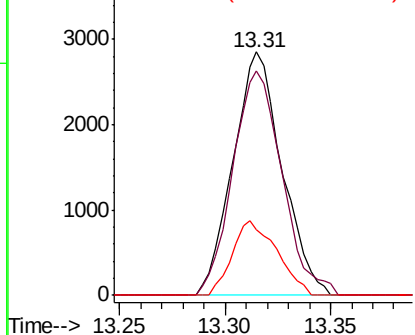
#68
 1,2,4-trichlorobenzene
 Concen: 0.529 ug/L
 RT: 13.31 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV009466.D
 Acq: 04 Mar 2019 12:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.562

Tgt Ion:180 Resp: 4589
 Ion Ratio Lower Upper
 180 100
 182 92.8 75.2 112.8
 145 27.8 26.6 39.8

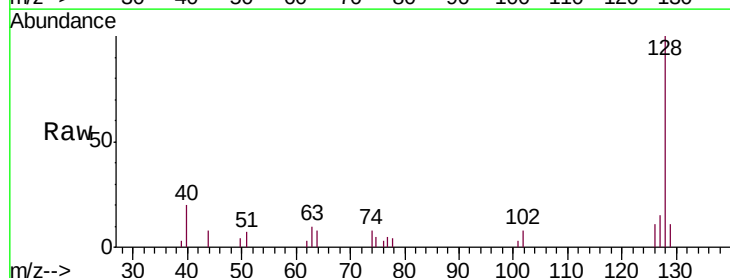


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

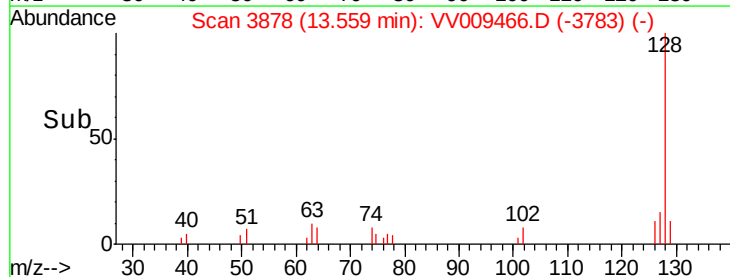
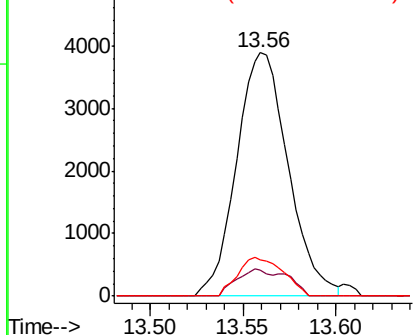


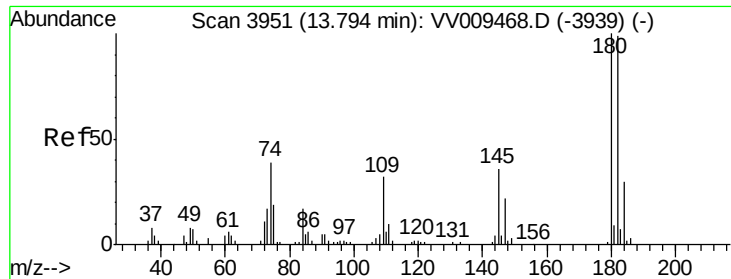
#69
 Naphthalene
 Concen: 0.517 ug/L
 RT: 13.56 min Scan# 3878
 Delta R.T. 0.01 min
 Lab File: VV009466.D
 Acq: 04 Mar 2019 12:19

Tgt Ion:128 Resp: 7514
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.9 13.3
 127 14.0 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 0.535 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.01 min
 Lab File: VV009466.D
 Acq: 04 Mar 2019 12:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.562

Tgt Ion:180 Resp: 4250
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.8 115.2
 145 33.1 28.2 42.2

