

Data File : VV012090.D
Acq On : 31 Jul 2019 00:23
Operator : SY/MD
Sample : MDL07
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Quant Time: Jul 31 05:40:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR073119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 31 05:31:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	113207	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	109808	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	56181	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25092	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	19323	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.13	63	41288	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.97	46	72225	48.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.90%
24) Chloroform-d	4.40	84	67431	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.08	65	39731	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.10	84	134481	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	36293	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	125323	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.66	79	15725	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.14	63	56250	48.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26837	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	52553	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	3873	0.309 ug/L	96
3) Chloromethane	1.25	50	1811	0.302 ug/L	92
5) Vinyl chloride	1.32	62	1936	0.296 ug/L #	58
6) Bromomethane	1.54	94	1274	0.314 ug/L	89
8) Chloroethane	1.60	64	1413	0.387 ug/L	99
9) Trichlorofluoromethane	1.77	101	4038	0.318 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2021	0.373 ug/L #	87
12) 1,1-Dichloroethene	2.14	96	1907	0.384 ug/L #	1
13) Acetone	2.25	43	2502	3.332 ug/L	77
14) Carbon disulfide	2.32	76	4426	0.326 ug/L #	87
15) Methyl Acetate	2.48	43	533	0.313 ug/L #	45
16) Methylene chloride	2.54	84	2055	0.398 ug/L	86
17) Methyl tert-butyl Ether	2.81	73	5060	0.306 ug/L #	91
18) trans-1,2-Dichloroethene	2.79	96	2422	0.327 ug/L	97
19) 1,1-Dichloroethane	3.23	63	4452	0.338 ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	2462	0.310 ug/L	95
23) Bromochloromethane	4.30	128	1024	0.287 ug/L	94

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 31 05:31:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.43	83	11913	0.697	ug/L	100
27) 1,2-Dichloroethane	5.18	62	3252	0.346	ug/L #	91
29) 1,1,1-Trichloroethane	4.66	97	4766	0.334	ug/L	97
30) Cyclohexane	4.72	56	3585	0.330	ug/L	94
31) Carbon tetrachloride	4.87	117	3653	0.285	ug/L	100
33) Benzene	5.14	78	10346	0.355	ug/L	100
34) Trichloroethene	5.96	95	2940	0.350	ug/L	81
35) Methylcyclohexane	6.18	83	3766	0.296	ug/L	99
37) 1,2-Dichloropropane	6.22	63	2158	0.321	ug/L #	89
38) Bromodichloromethane	6.56	83	3173	0.321	ug/L #	97
39) cis-1,3-Dichloropropene	7.07	75	3112	0.297	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	10617	2.898	ug/L #	84
42) Toluene	7.43	91	10507	0.330	ug/L	96
44) trans-1,3-Dichloropropene	7.70	75	2523	0.298	ug/L	93
45) 1,1,2-Trichloroethane	7.88	97	1366	0.272	ug/L	85
47) Tetrachloroethene	8.02	164	2430	0.318	ug/L	85
48) 2-Hexanone	8.19	43	8016	3.145	ug/L	99
49) Dibromochloromethane	8.29	129	1989	0.305	ug/L	86
50) 1,2-Dibromoethane	8.40	107	1579	0.329	ug/L #	96
51) Chlorobenzene	8.93	112	6709	0.311	ug/L	99
52) Ethylbenzene	9.05	91	11712	0.319	ug/L	100
53) m,p-xylene	9.18	106	3770	0.268	ug/L	94
54) o-xylene	9.59	106	4076	0.302	ug/L	88
55) Styrene	9.60	104	6160	0.269	ug/L	98
56) Isopropylbenzene	9.97	105	10485	0.281	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.29	83	1693	0.306	ug/L #	94
59) 1,2,3-Trichloropropane	10.32	75	1175	0.281	ug/L	95
61) Bromoform	9.77	173	989	0.296	ug/L #	94
62) 1,3-Dichlorobenzene	11.23	146	5614	0.324	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	5709	0.323	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	6018	0.385	ug/L #	87
66) 1,2-Dibromo-3-chloropropan	12.48	75	368	0.438	ug/L #	76
67) 1,3,5-Trichlorobenzene	12.69	180	4944	0.349	ug/L	95
68) 1,2,4-trichlorobenzene	13.31	180	3451	0.301	ug/L	97
69) Naphthalene	13.55	128	4067	0.264	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	2831	0.278	ug/L	93

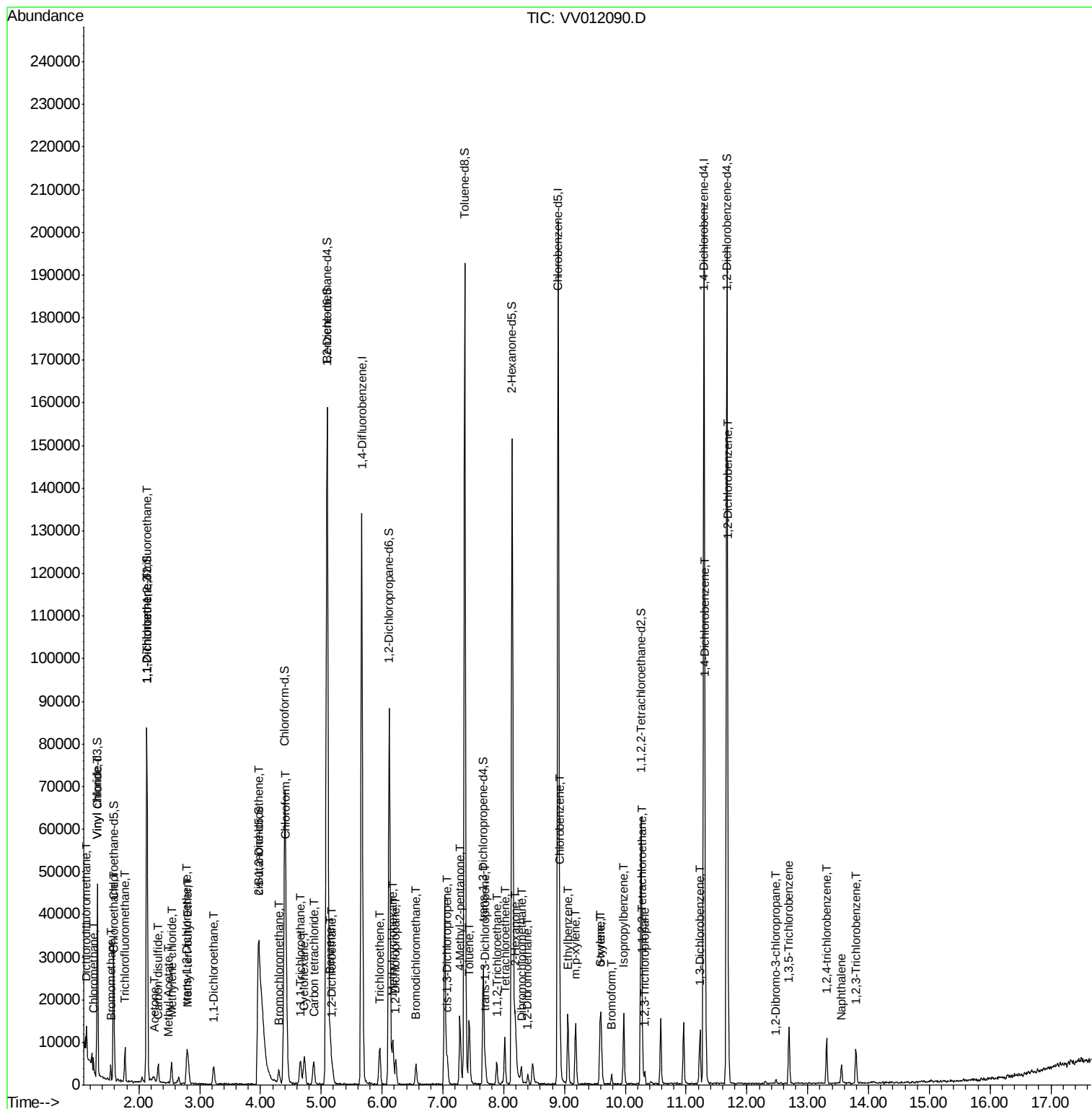
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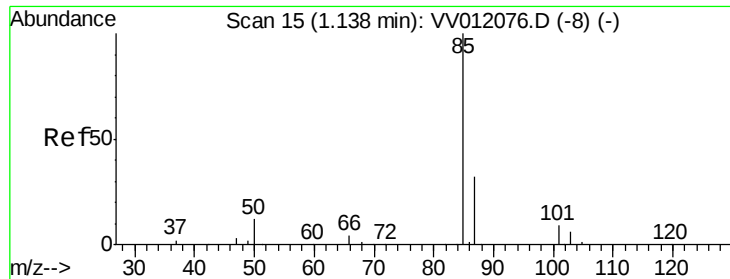
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#2

Dichlorodifluoromethane

Concen: 0.309 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV012090.D

Acq: 31 Jul 2019 00:23

Instrument :

MSVOA_V

ClientSampleId :

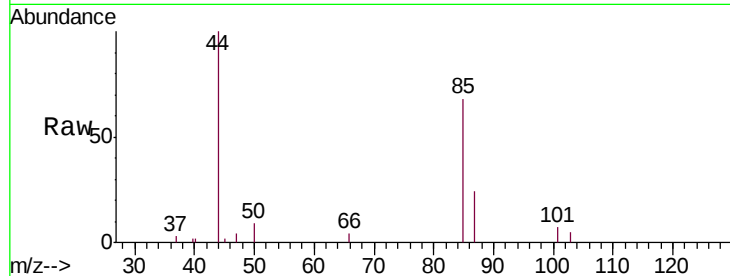
MDL07

Tgt Ion: 85 Resp: 3873

Ion Ratio Lower Upper

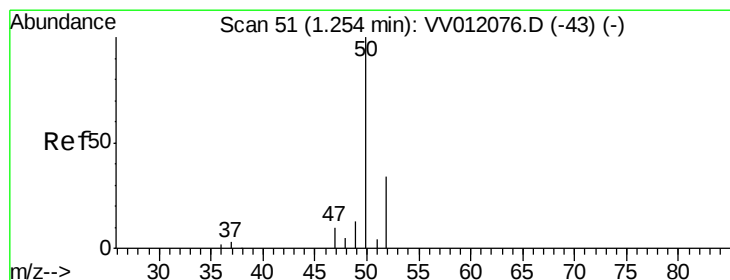
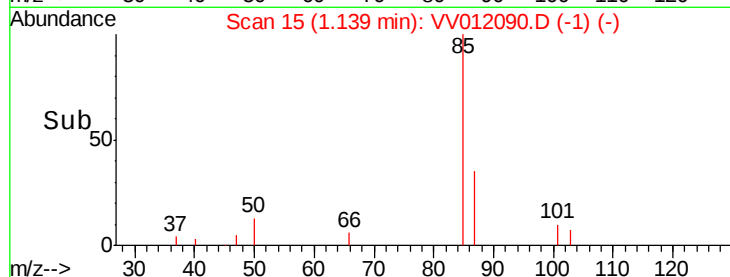
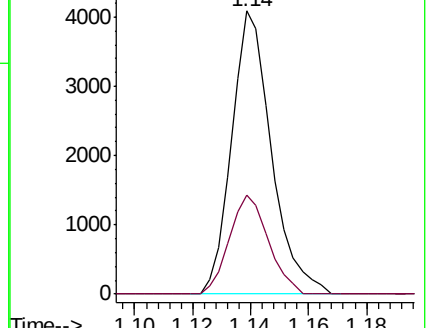
85 100

87 34.3 25.6 38.4



Abundance Ion 85.00 (84.70 to 85.70): VV012076.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV012076.D (-8) (-)



#3

Chloromethane

Concen: 0.302 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV012090.D

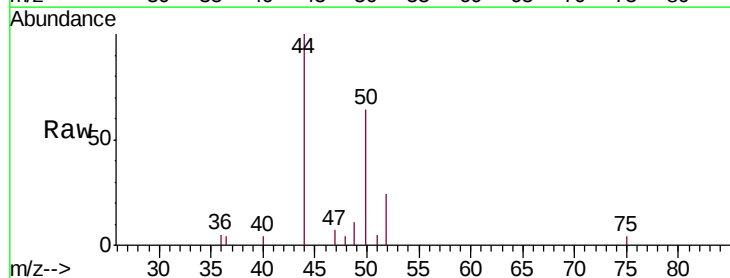
Acq: 31 Jul 2019 00:23

Tgt Ion: 50 Resp: 1811

Ion Ratio Lower Upper

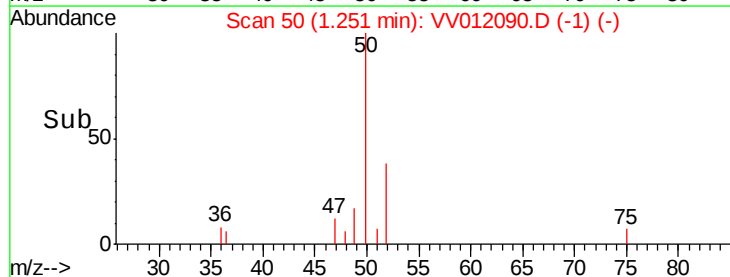
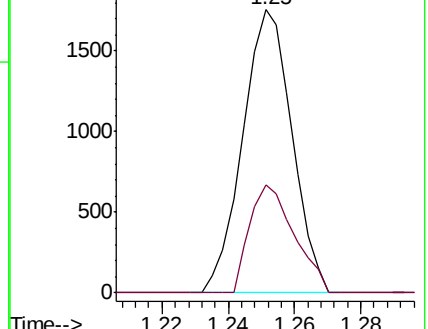
50 100

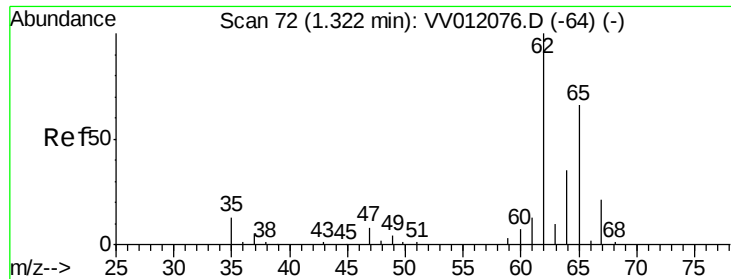
52 38.1 23.7 43.9



Abundance Ion 50.05 (49.75 to 50.75): VV012076.D (-43) (-)

Ion 52.05 (51.75 to 52.75): VV012076.D (-43) (-)





#5

Vinyl chloride

Concen: 0.296 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV012090.D

Acq: 31 Jul 2019 00:23

Instrument :

MSVOA_V

ClientSampleId :

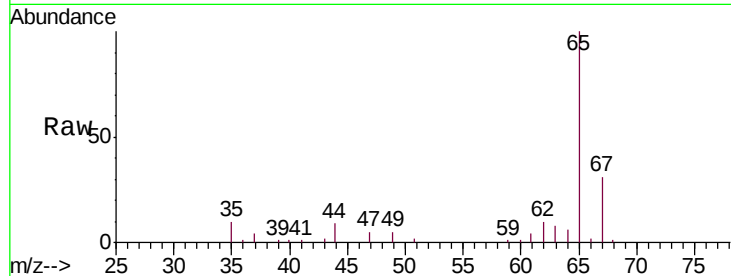
MDL07

Tgt Ion: 62 Resp: 1936

Ion Ratio Lower Upper

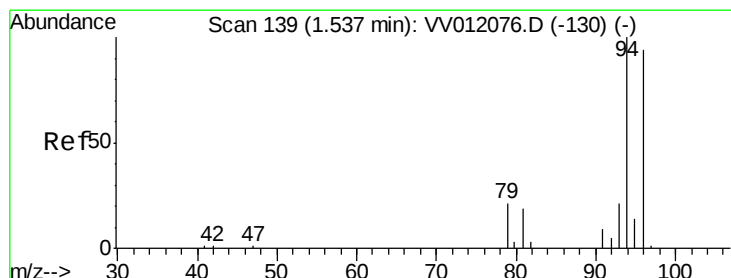
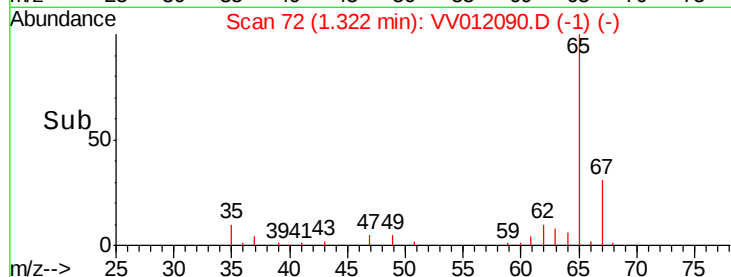
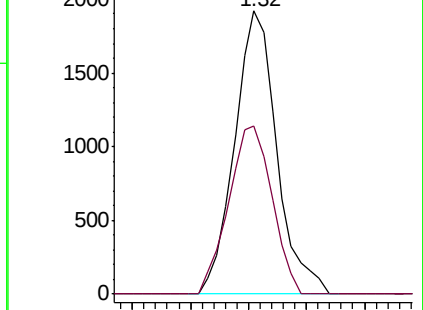
62 100

64 59.2 24.3 45.1#



Abundance Ion 62.00 (61.70 to 62.70): VV012076.D (-64) (-)

Ion 64.10 (63.80 to 64.80): VV012090.D (-46) (-)



#6

Bromomethane

Concen: 0.314 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV012090.D

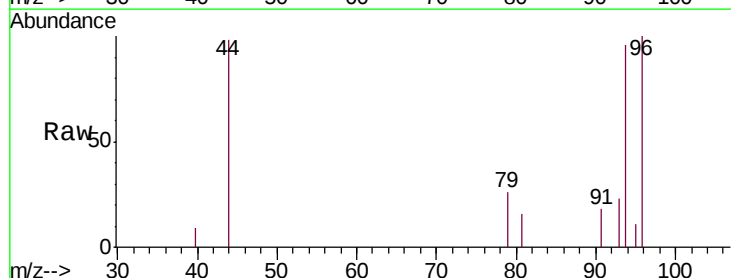
Acq: 31 Jul 2019 00:23

Tgt Ion: 94 Resp: 1274

Ion Ratio Lower Upper

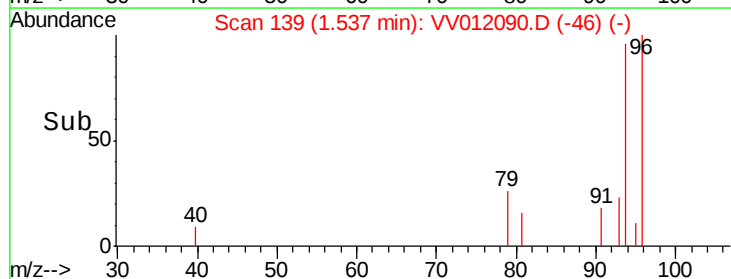
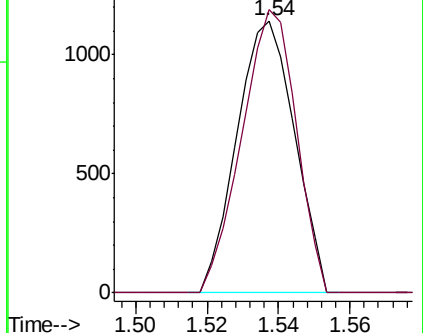
94 100

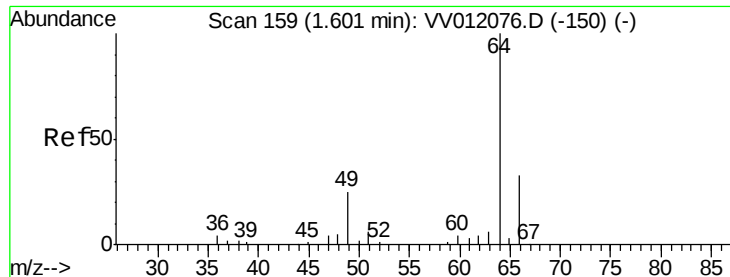
96 104.0 65.6 121.8



Abundance Ion 94.00 (93.70 to 94.70): VV012076.D (-130) (-)

Ion 96.00 (95.70 to 96.70): VV012090.D (-46) (-)





#8

Chloroethane

Concen: 0.387 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VV012090.D

Acq: 31 Jul 2019 00:23

Instrument :

MSVOA_V

ClientSampled :

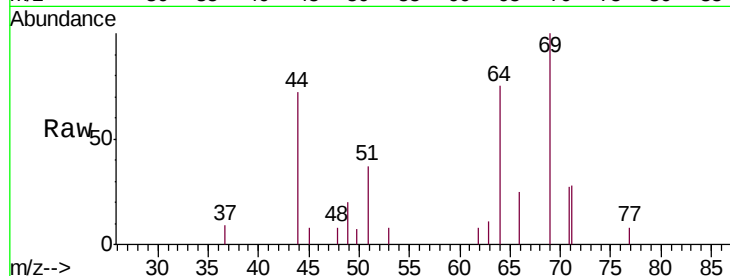
MDL07

Tgt Ion: 64 Resp: 1413

Ion Ratio Lower Upper

64 100

66 33.4 23.1 42.9



Abundance Ion 64.10 (63.80 to 64.80): VV012076.D (-150) (-)

Ion 66.05 (65.75 to 66.75): VV012090.D (-66) (-)

1.60

1.62

1.64

1.66

1.68

1.70

1.72

1.74

1.76

1.78

1.80

1.82

1.84

1.86

1.88

1.90

1.92

1.94

1.96

1.98

2.00

2.02

2.04

2.06

2.08

2.10

2.12

2.14

2.16

2.18

2.20

2.22

2.24

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2.28

2.30

2.32

2.34

2.36

2.38

2.40

2.42

2.44

2.46

2.48

2.50

2.52

2.54

2.56

2.58

2.60

2.62

2.64

2.66

2.68

2.70

2.72

2.74

2.76

2.78

2.80

2.82

2.84

2.86

2.88

2.90

2.92

2.94

2.96

2.98

3.00

3.02

3.04

3.06

3.08

3.10

3.12

3.14

3.16

3.18

3.20

3.22

3.24

3.26

3.28

3.30

3.32

3.34

3.36

3.38

3.40

3.42

3.44

3.46

3.48

3.50

3.52

3.54

3.56

3.58

3.60

3.62

3.64

3.66

3.68

3.70

3.72

3.74

3.76

3.78

3.80

3.82

3.84

3.86

3.88

3.90

3.92

3.94

3.96

3.98

4.00

4.02

4.04

4.06

4.08

4.10

4.12

4.14

4.16

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4.20

4.22

4.24

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4.28

4.30

4.32

4.34

4.36

4.38

4.40

4.42

4.44

4.46

4.48

4.50

4.52

4.54

4.56

4.58

4.60

4.62

4.64

4.66

4.68

4.70

4.72

4.74

4.76

4.78

4.80

4.82

4.84

4.86

4.88

4.90

4.92

4.94

4.96

4.98

5.00

5.02

5.04

5.06

5.08

5.10

5.12

5.14

5.16

5.18

5.20

5.22

5.24

5.26

5.28

5.30

5.32

5.34

5.36

5.38

5.40

5.42

5.44

5.46

5.48

5.50

5.52

5.54

5.56

5.58

5.60

5.62

5.64

5.66

5.68

5.70

5.72

5.74

5.76

5.78

5.80

5.82

5.84

5.86

5.88

5.90

5.92

5.94

5.96

5.98

6.00

6.02

6.04

6.06

6.08

6.10

6.12

6.14

6.16

6.18

6.20

6.22

6.24

6.26

6.28

6.30

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6.44

6.46

6.48

6.50

6.52

6.54

6.56

6.58

6.60

6.62

6.64

6.66

6.68

6.70

6.72

6.74

6.76

6.78

6.80

6.82

6.84

6.86

6.88

6.90

6.92

6.94

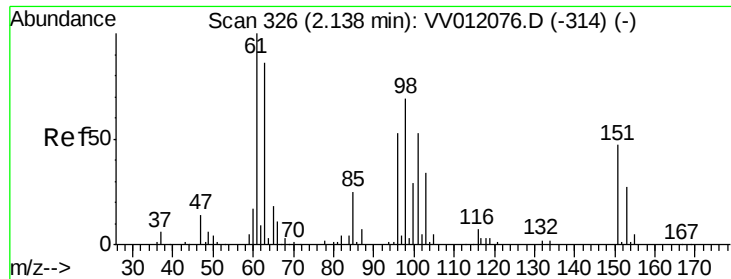
6.96

6.98

7.00

7.02

7.04



#10

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

Concen: 0.373 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

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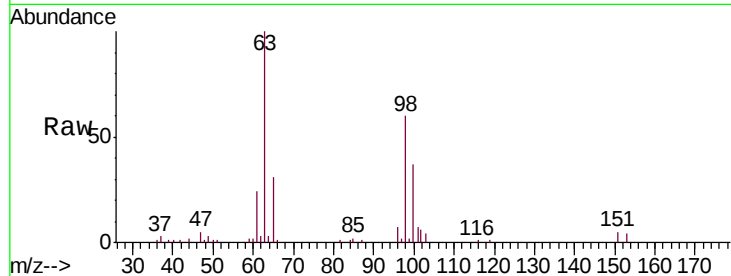
Tgt Ion:101 Resp: 2021

Ion Ratio Lower Upper

101 100

85 34.2 37.4 56.2#

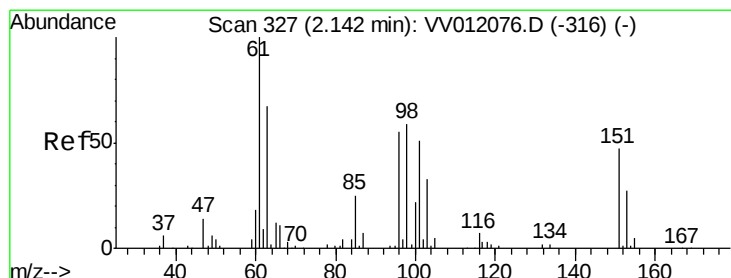
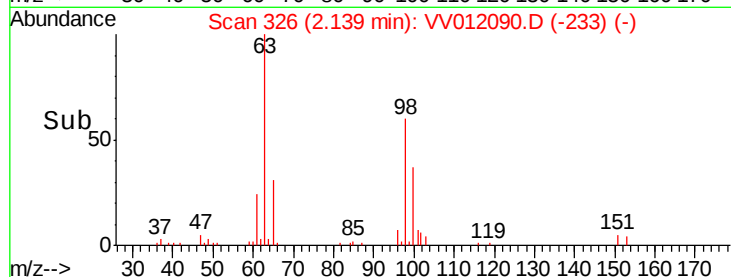
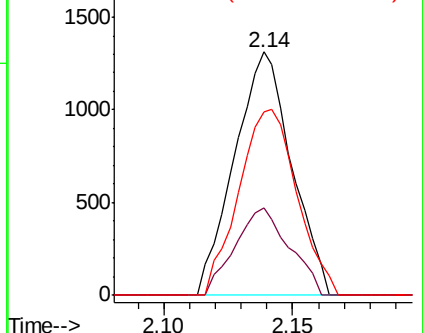
151 78.0 69.1 103.7



Abundance Ion 101.00 (100.70 to 101.70): VV012076.D (-314) (-)

Ion 85.00 (84.70 to 85.70): VV012076.D (-314) (-)

Ion 151.00 (150.70 to 151.70): VV012076.D (-314) (-)



#12

1,1-Dichloroethene

Concen: 0.384 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV012090.D

Acq: 31 Jul 2019 00:23

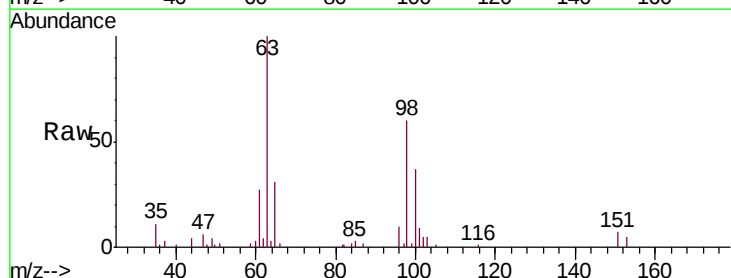
Tgt Ion: 96 Resp: 1907

Ion Ratio Lower Upper

96 100

61 275.0 126.9 235.7#

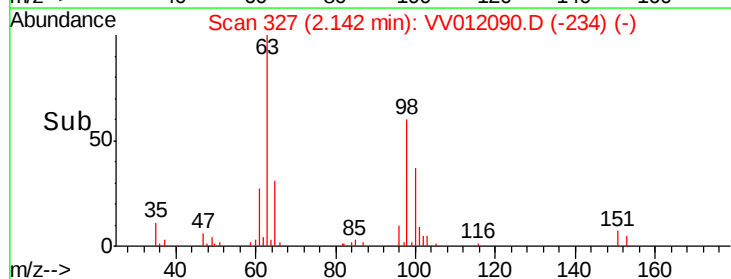
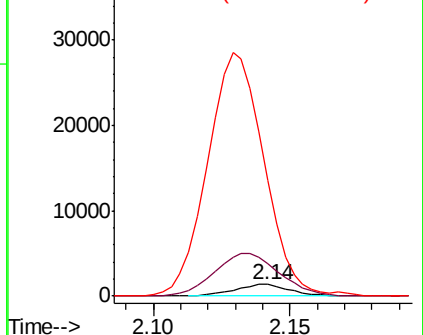
63 1005.2 87.6 162.8#

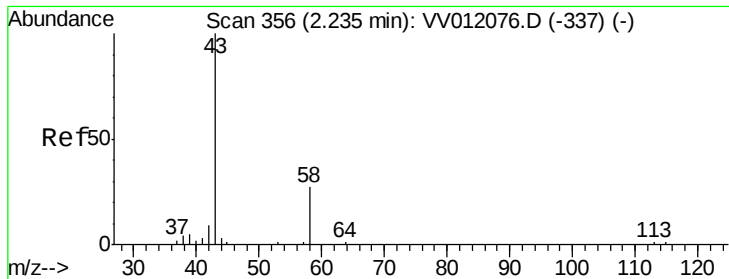


Abundance Ion 96.00 (95.70 to 96.70): VV012076.D (-316) (-)

Ion 61.05 (60.75 to 61.75): VV012076.D (-316) (-)

Ion 63.00 (62.70 to 63.70): VV012076.D (-316) (-)





#13

Acetone

Concen: 3.332 ug/L

RT: 2.25 min Scan# 361

Delta R.T. 0.02 min

Lab File: VV012090.D

Acq: 31 Jul 2019 00:23

Instrument :

MSVOA_V

ClientSampleId :

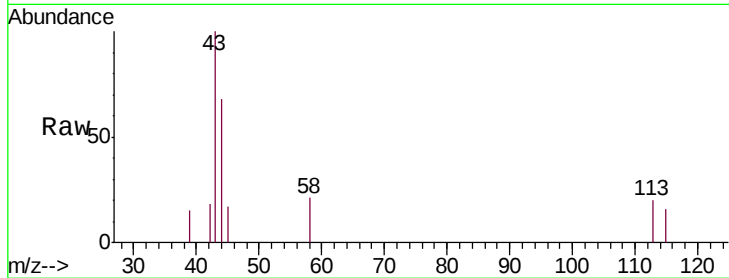
MDL07

Tgt Ion: 43 Resp: 2502

Ion Ratio Lower Upper

43 100

58 13.6 0.0 51.0



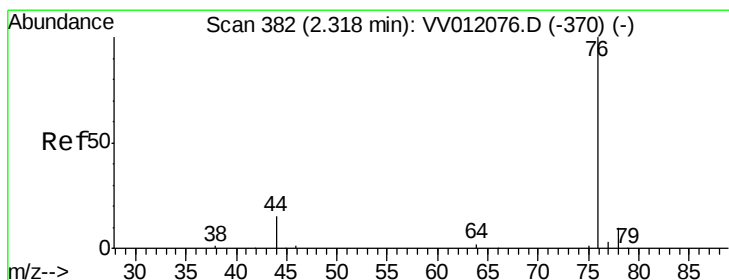
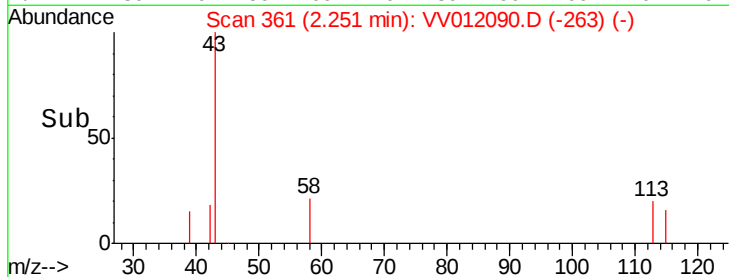
Abundance Ion 43.05 (42.75 to 43.75): VV012076.D (-337) (-)

Ion 58.05 (57.75 to 58.75): VV012076.D (-337) (-)

2.25

2.30

Time-->



#14

Carbon disulfide

Concen: 0.326 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV012090.D

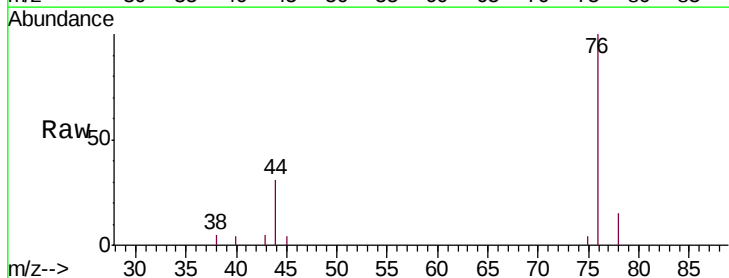
Acq: 31 Jul 2019 00:23

Tgt Ion: 76 Resp: 4426

Ion Ratio Lower Upper

76 100

78 14.8 7.9 11.9#



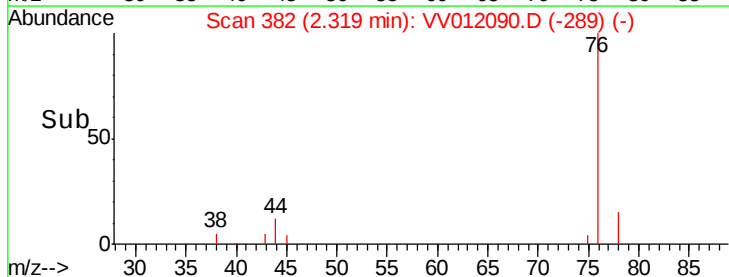
Abundance Ion 76.05 (75.75 to 76.75): VV012076.D (-370) (-)

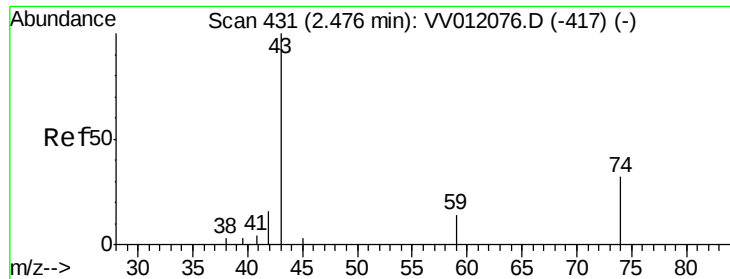
Ion 78.00 (77.70 to 78.70): VV012076.D (-370) (-)

2.32

2.35

Time-->

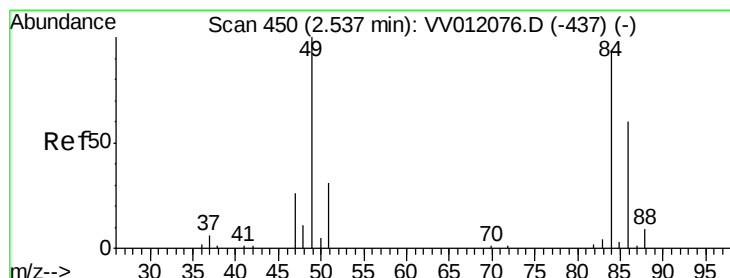
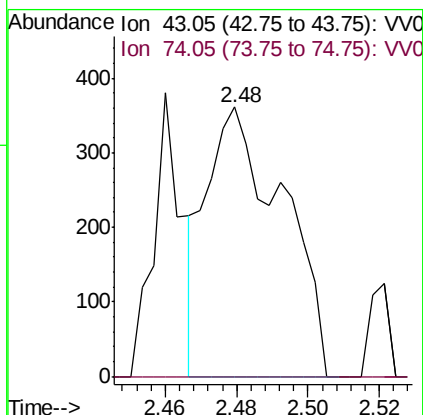
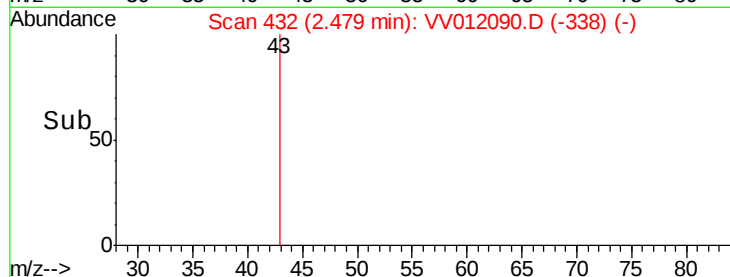
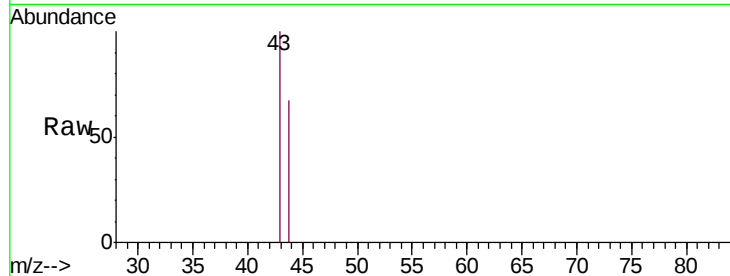




#15
Methyl Acetate
Concen: 0.313 ug/L
RT: 2.48 min Scan# 432
Delta R.T. 0.00 min
Lab File: VV012090.D
Acq: 31 Jul 2019 00:23

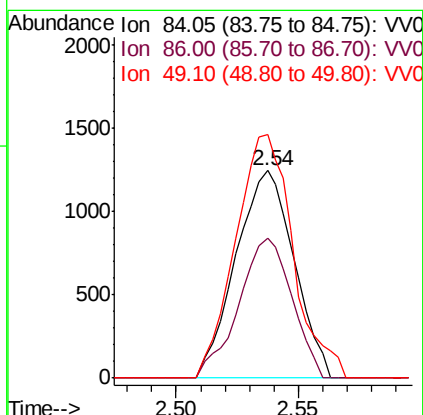
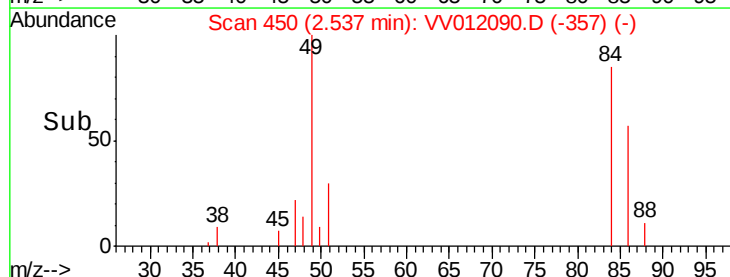
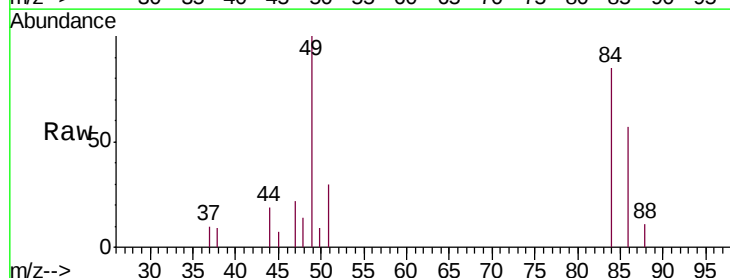
Instrument :
MSVOA_V
ClientSampleId :
MDL07

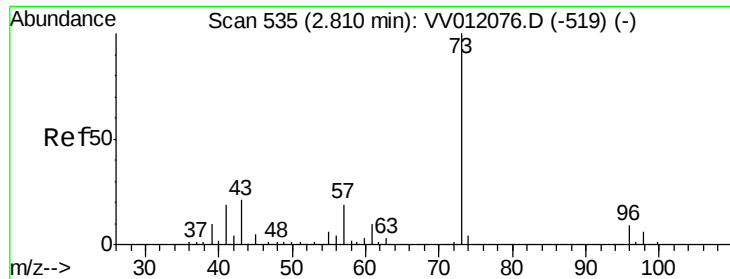
Tgt Ion: 43 Resp: 533
Ion Ratio Lower Upper
43 100
74 0.0 23.4 35.0#



#16
Methylene chloride
Concen: 0.398 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012090.D
Acq: 31 Jul 2019 00:23

Tgt Ion: 84 Resp: 2055
Ion Ratio Lower Upper
84 100
86 67.5 45.0 83.6
49 127.6 74.4 138.2

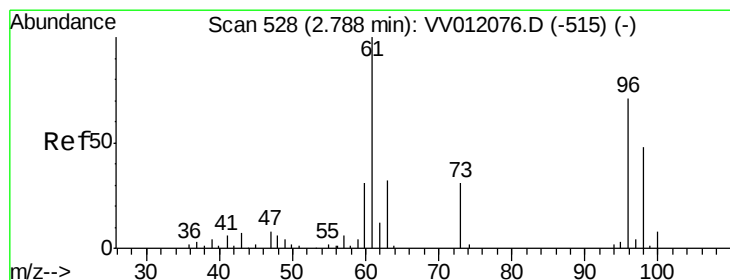
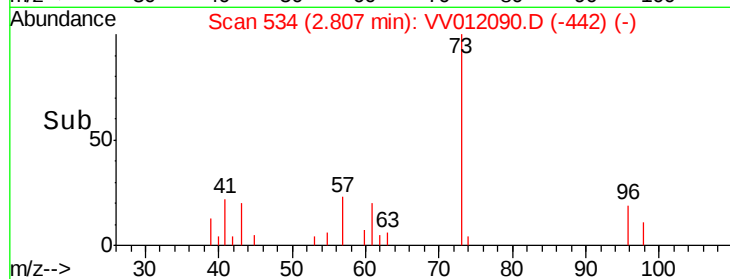
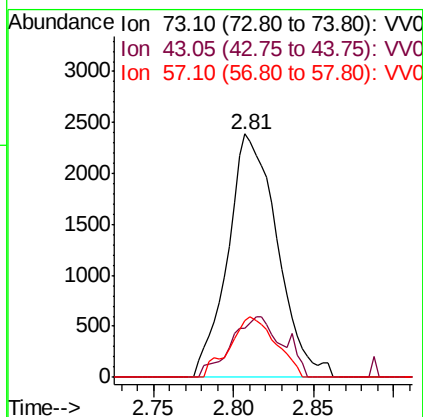
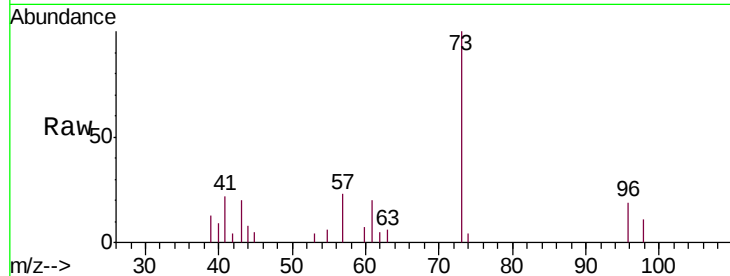




#17
Methyl tert-butyl Ether
Concen: 0.306 ug/L
RT: 2.81 min Scan# 534
Delta R.T. -0.00 min
Lab File: VV012090.D
Acq: 31 Jul 2019 00:23

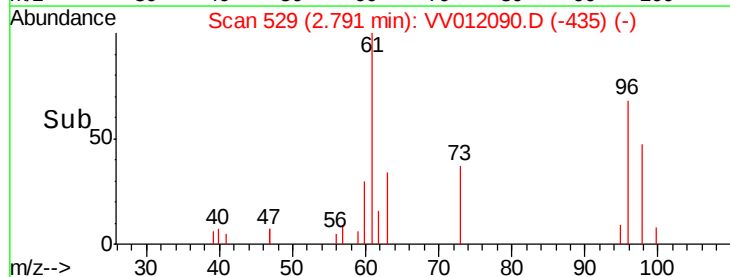
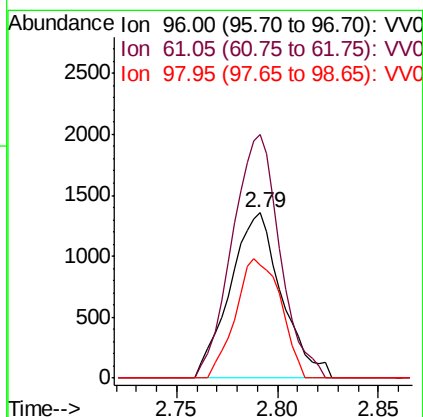
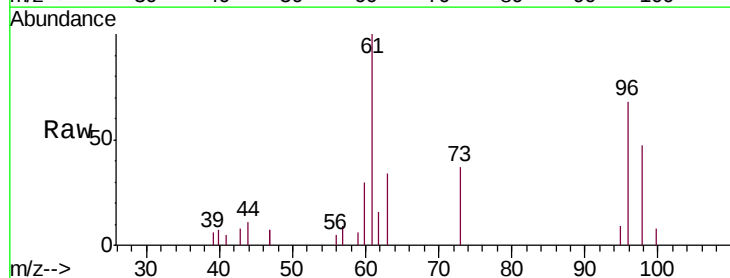
Instrument :
MSVOA_V
ClientSampled :
MDL07

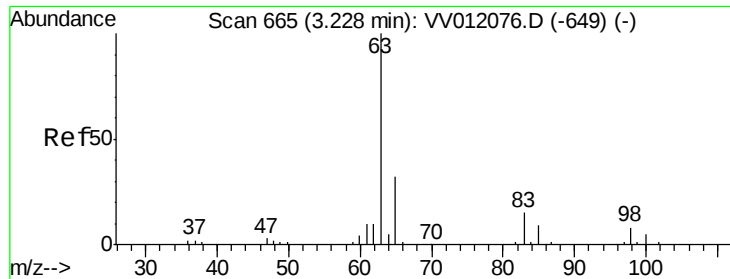
Tgt Ion: 73 Resp: 5060
Ion Ratio Lower Upper
73 100
43 26.0 17.2 25.8#
57 22.8 15.1 22.7#



#18
trans-1,2-Dichloroethene
Concen: 0.327 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV012090.D
Acq: 31 Jul 2019 00:23

Tgt Ion: 96 Resp: 2422
Ion Ratio Lower Upper
96 100
61 147.6 99.0 184.0
98 68.7 47.9 88.9

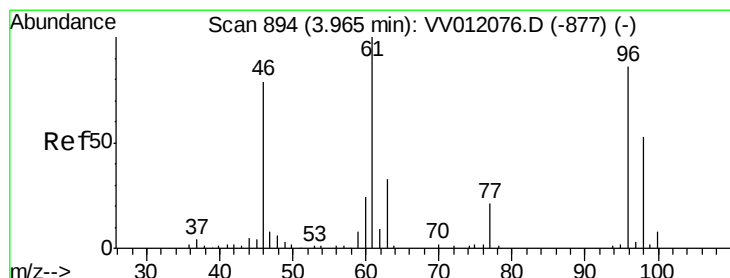
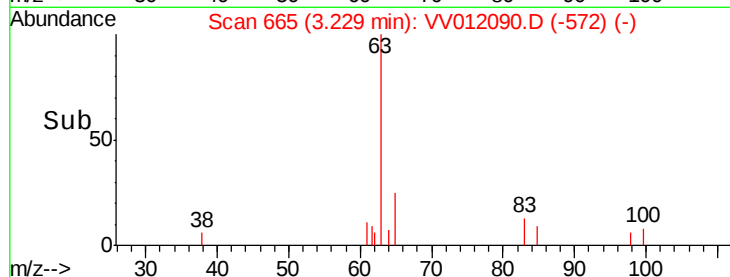
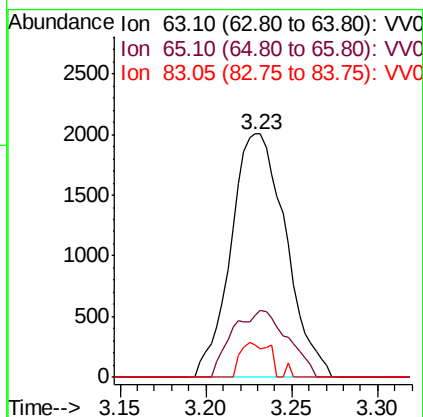
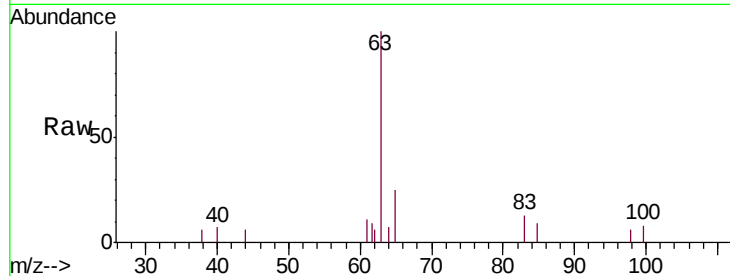




#19
 1,1-Dichloroethane
 Concen: 0.338 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VV012090.D
 Acq: 31 Jul 2019 00:23

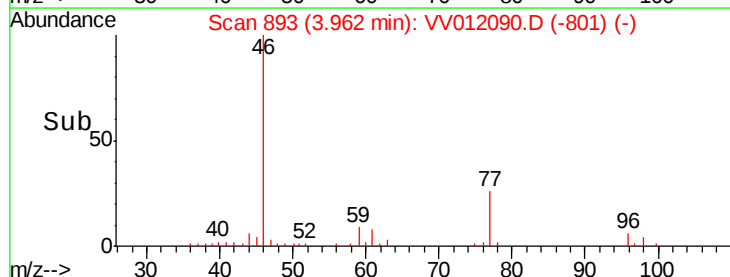
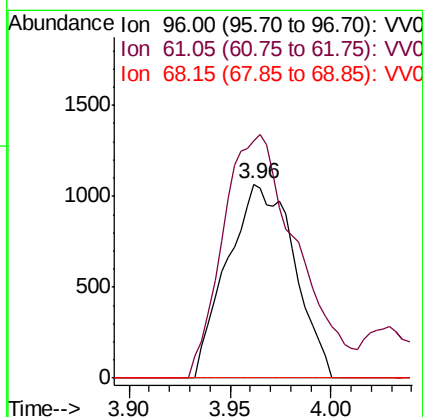
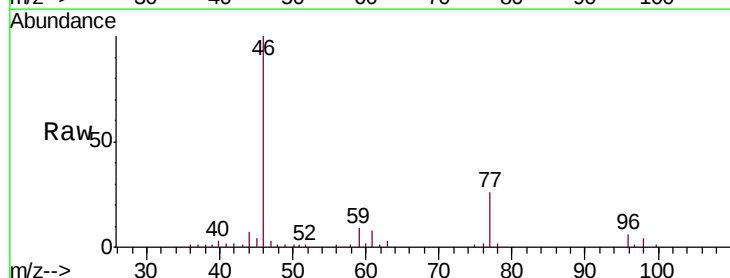
Instrument :
 MSVOA_V
 ClientSampled :
 MDL07

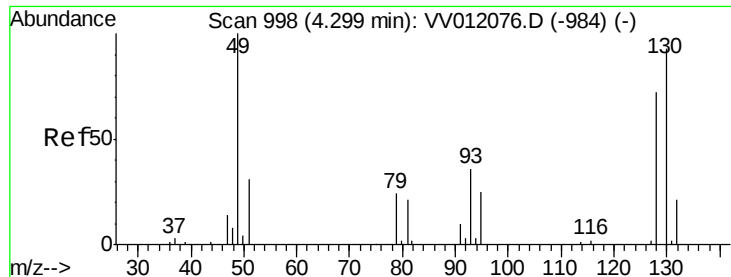
Tgt Ion: 63 Resp: 4452
 Ion Ratio Lower Upper
 63 100
 65 25.2 22.3 41.3
 83 13.2 10.4 19.2



#22
 cis-1,2-Dichloroethene
 Concen: 0.310 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: VV012090.D
 Acq: 31 Jul 2019 00:23

Tgt Ion: 96 Resp: 2462
 Ion Ratio Lower Upper
 96 100
 61 122.0 81.5 151.5
 68 0.0 0.0 0.0

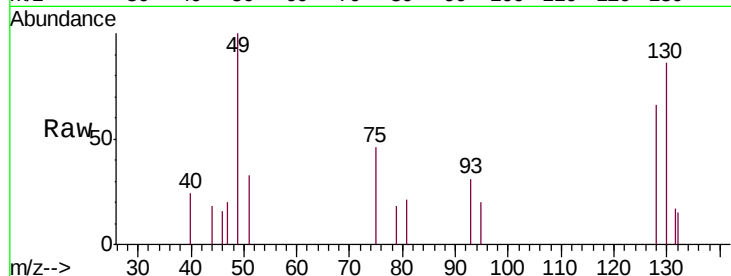




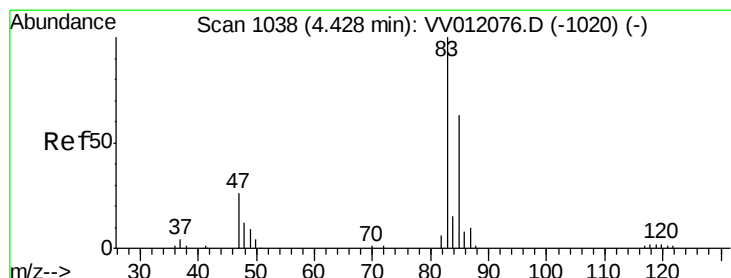
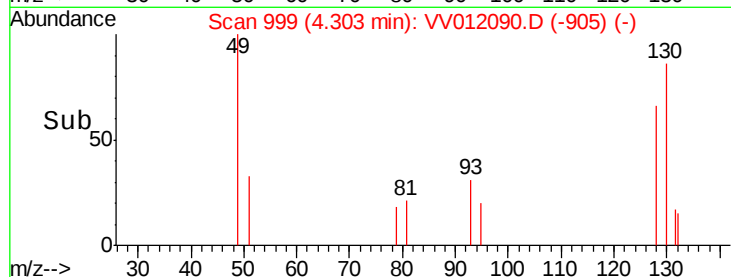
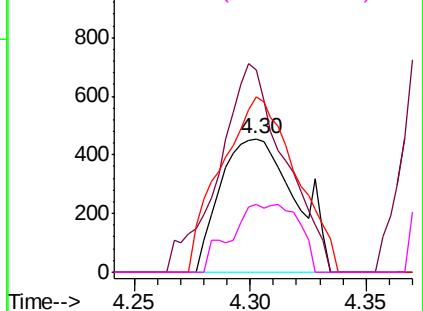
#23
Bromochloromethane
Concen: 0.287 ug/L
RT: 4.30 min Scan# 999
Delta R.T. 0.00 min
Lab File: VV012090.D
Acq: 31 Jul 2019 00:23

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion: 128 Resp: 1024
Ion Ratio Lower Upper
128 100
49 151.9 97.9 181.7
130 131.2 90.9 168.9
51 50.5 34.6 51.8

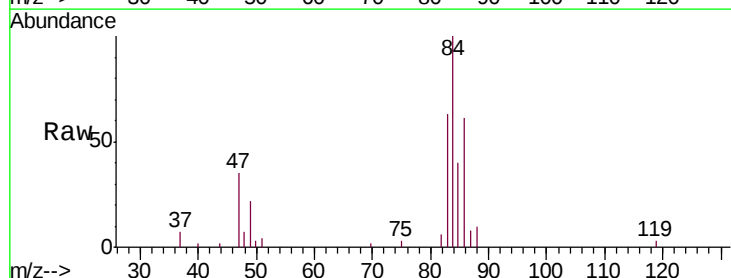


Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VV0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VV0

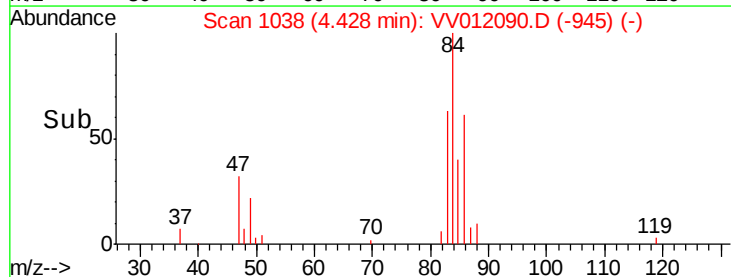
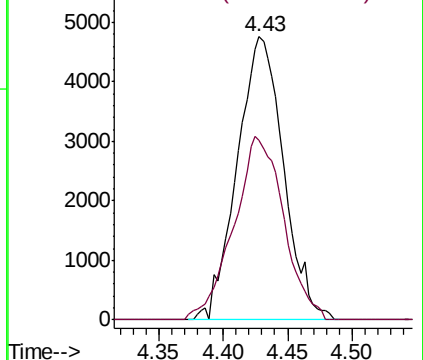


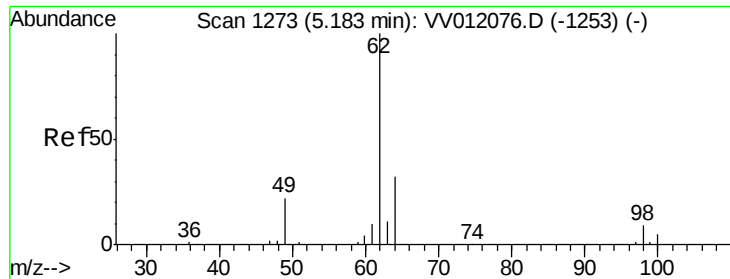
#25
Chloroform
Concen: 0.697 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012090.D
Acq: 31 Jul 2019 00:23

Tgt Ion: 83 Resp: 11913
Ion Ratio Lower Upper
83 100
85 63.6 44.7 83.1



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

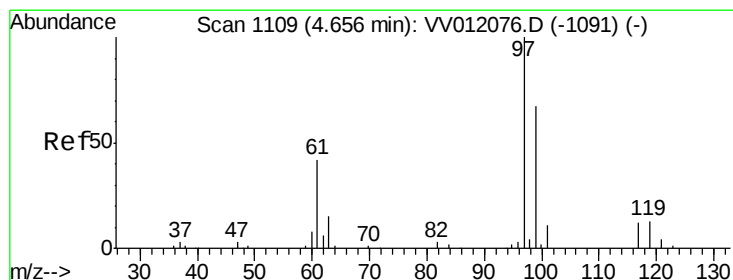
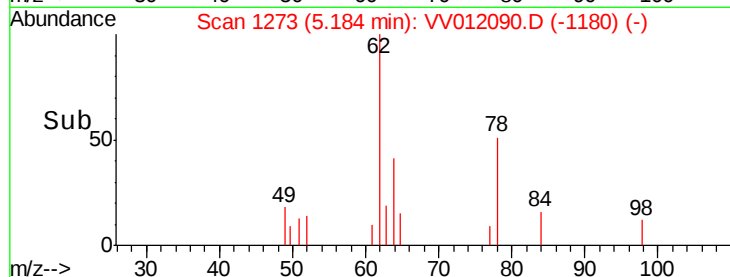
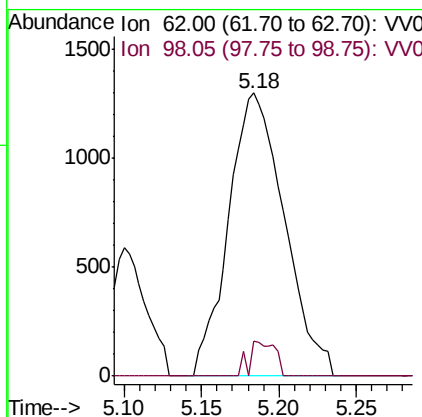
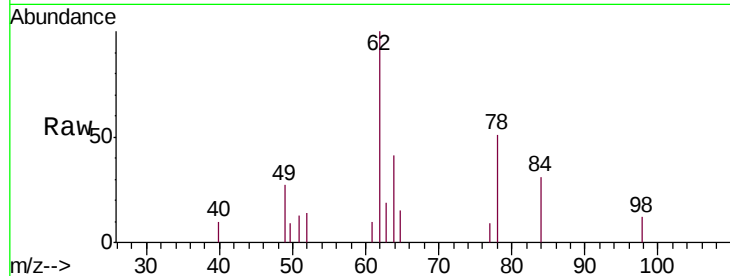




#27
 1,2-Dichloroethane
 Concen: 0.346 ug/L
 RT: 5.18 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VV012090.D
 Acq: 31 Jul 2019 00:23

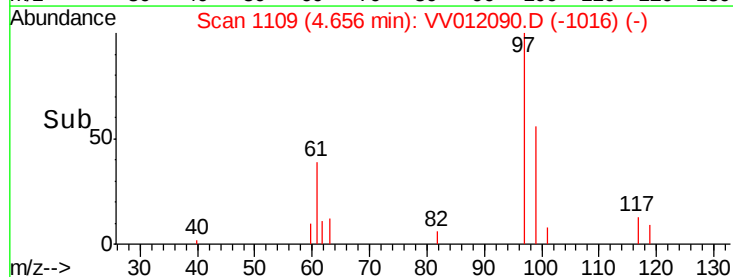
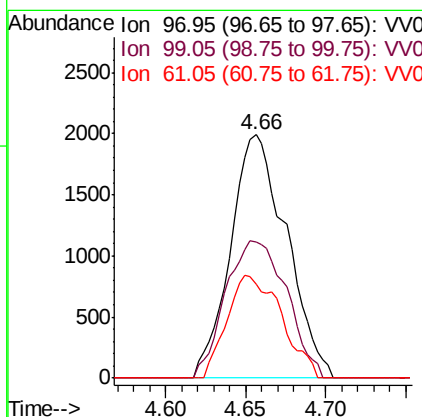
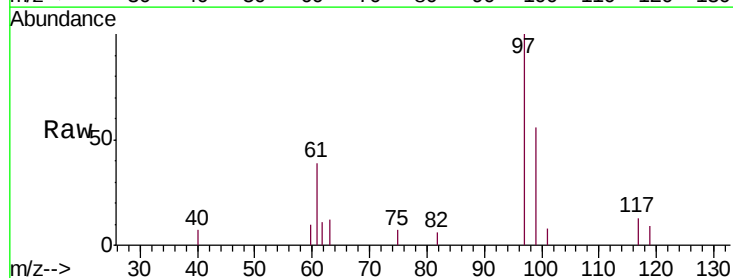
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

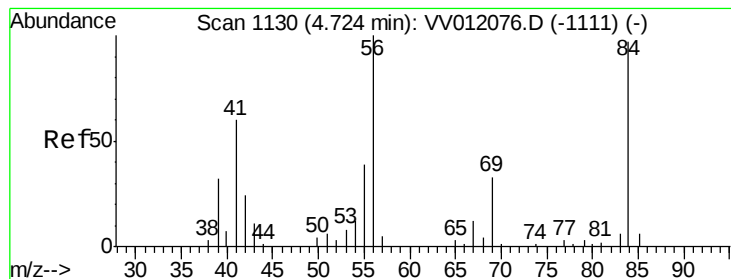
Tgt Ion: 62 Resp: 3252
 Ion Ratio Lower Upper
 62 100
 98 12.4 7.3 10.9#



#29
 1,1,1-Trichloroethane
 Concen: 0.334 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: VV012090.D
 Acq: 31 Jul 2019 00:23

Tgt Ion: 97 Resp: 4766
 Ion Ratio Lower Upper
 97 100
 99 61.5 51.7 77.5
 61 40.9 34.2 51.2





#30

Cyclohexane

Concen: 0.330 ug/L

RT: 4.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VV012090.D

Acq: 31 Jul 2019 00:23

Instrument :

MSVOA_V

ClientSampleId :

MDL07

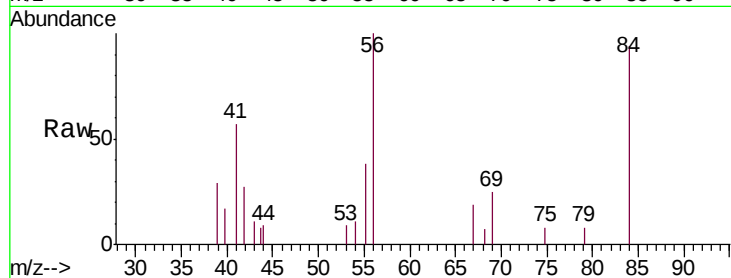
Tgt Ion: 56 Resp: 3585

Ion Ratio Lower Upper

56 100

69 29.2 26.0 39.0

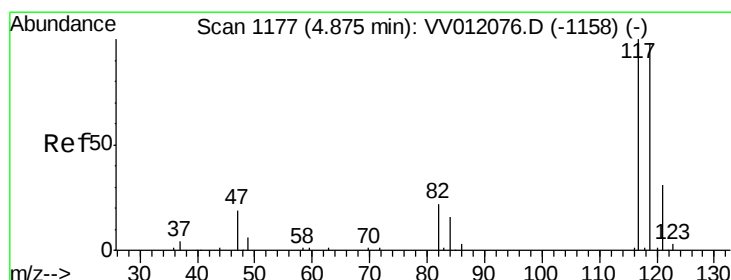
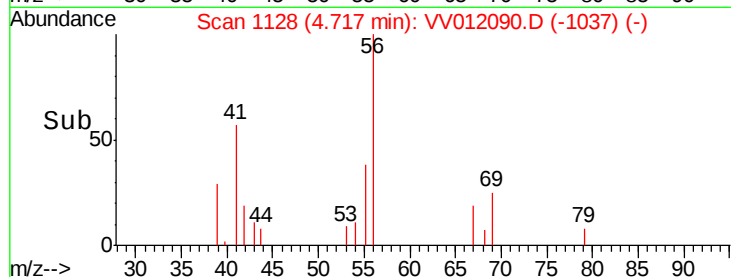
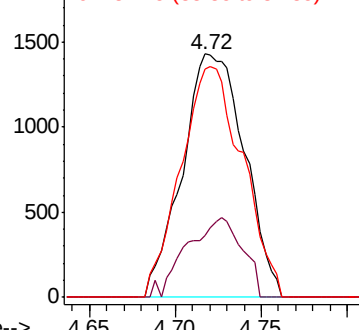
84 94.3 79.9 119.9



Abundance Ion 56.10 (55.80 to 56.80): VV012076.D (-1111) (-)

Ion 69.15 (68.85 to 69.85): VV012076.D (-1111) (-)

Ion 84.15 (83.85 to 84.85): VV012076.D (-1111) (-)



#31

Carbon tetrachloride

Concen: 0.285 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VV012090.D

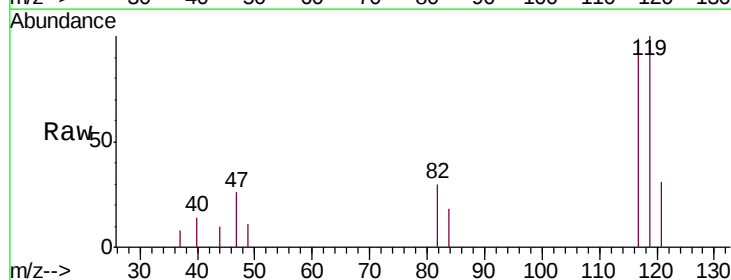
Acq: 31 Jul 2019 00:23

Tgt Ion: 117 Resp: 3653

Ion Ratio Lower Upper

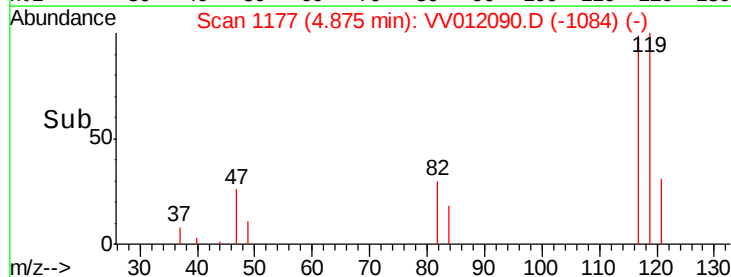
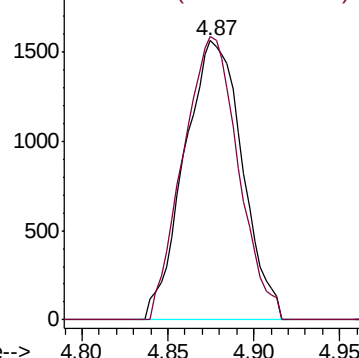
117 100

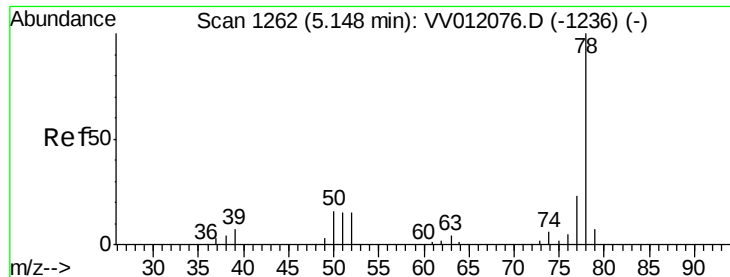
119 96.9 77.7 116.5



Abundance Ion 116.90 (116.60 to 117.60): VV012076.D (-1158) (-)

Ion 118.90 (118.60 to 119.60): VV012076.D (-1158) (-)

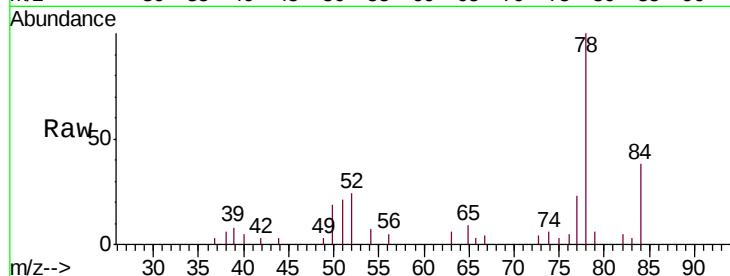




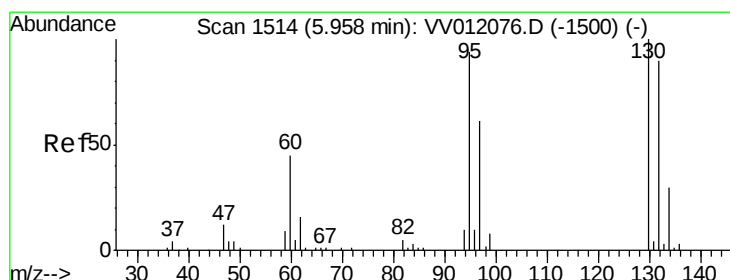
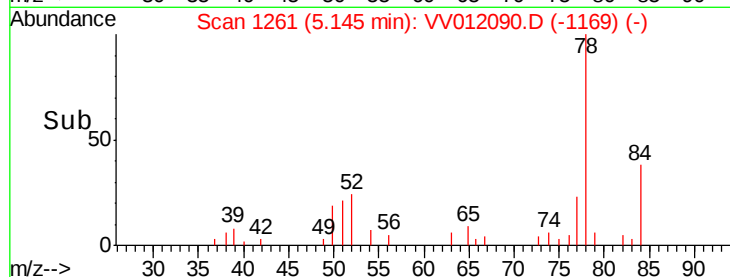
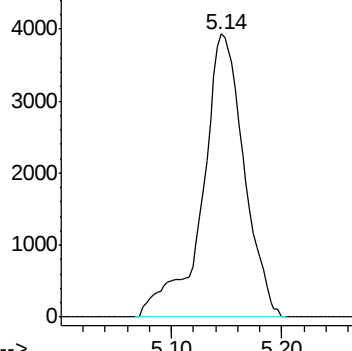
#33
Benzene
Concen: 0.355 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VV012090.D
Acq: 31 Jul 2019 00:23

Tgt Ion: 78 Resp: 10346

Instrument :
MSVOA_V
ClientSampleId :
MDL07



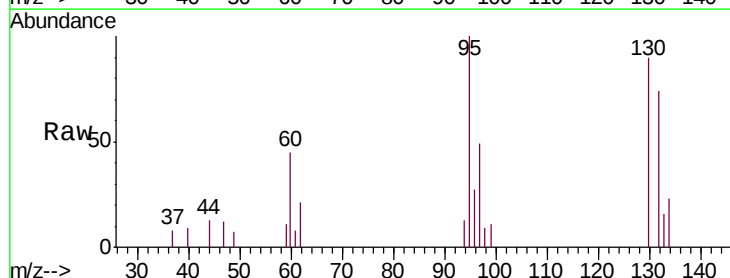
Abundance Ion 78.10 (77.80 to 78.80): VV0



#34
Trichloroethene
Concen: 0.350 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012090.D
Acq: 31 Jul 2019 00:23

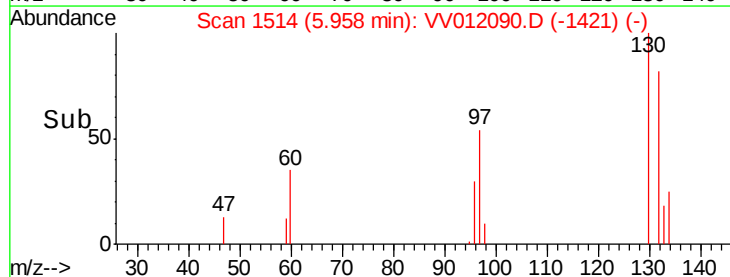
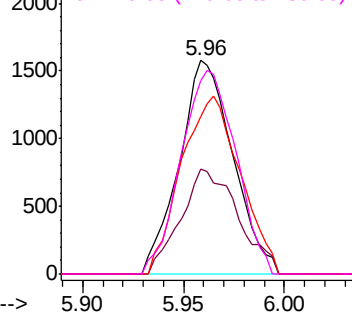
Tgt Ion: 95 Resp: 2940

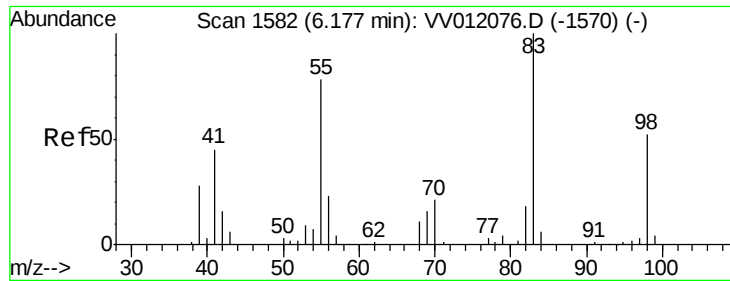
Ion	Ratio	Lower	Upper
95	100		
97	48.9	45.4	84.2
132	73.9	67.0	124.4
130	90.4	74.3	137.9



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

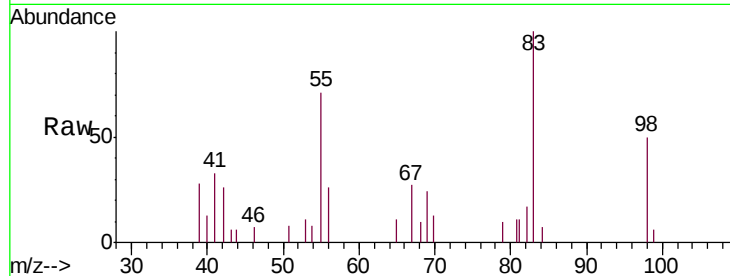




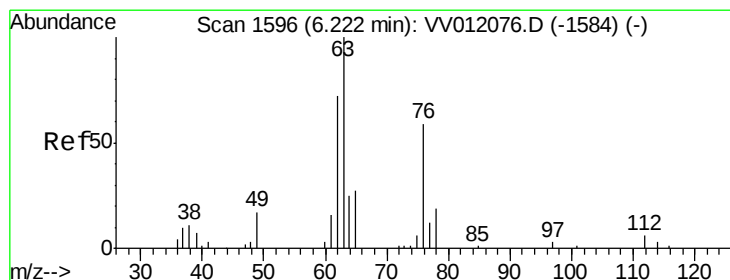
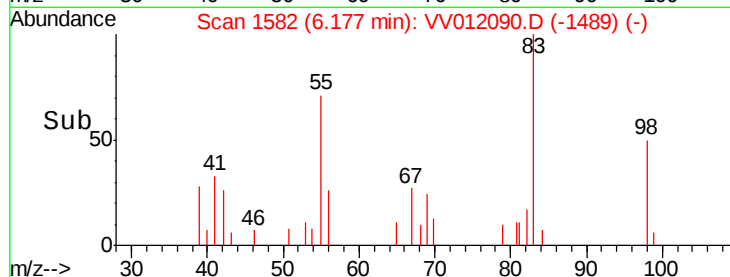
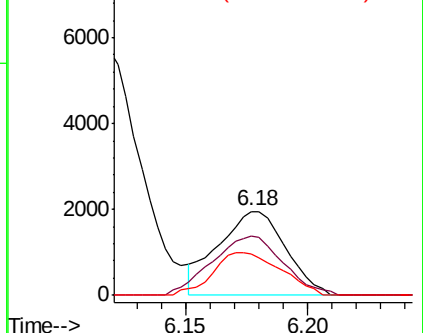
#35
Methylcyclohexane
Concen: 0.296 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VV012090.D
Acq: 31 Jul 2019 00:23

Instrument :
MSVOA_V
ClientSampled :
MDL07

Tgt Ion: 83 Resp: 3766
Ion Ratio Lower Upper
83 100
55 73.8 59.9 89.9
98 51.5 40.8 61.2

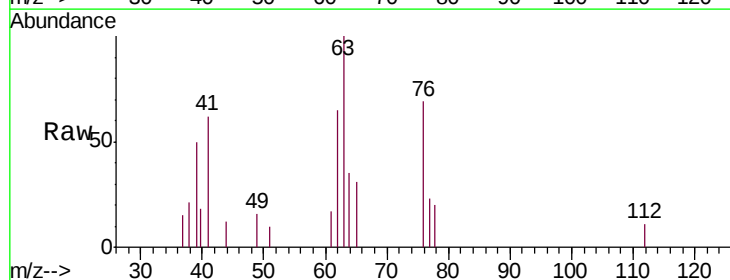


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

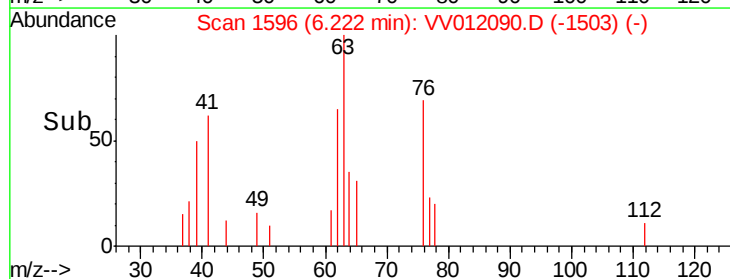
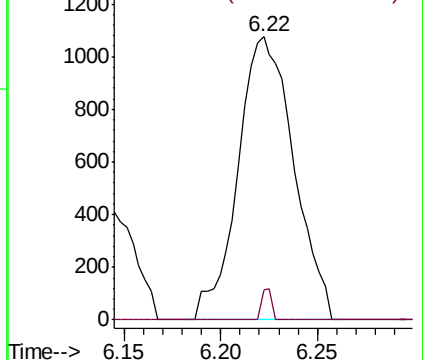


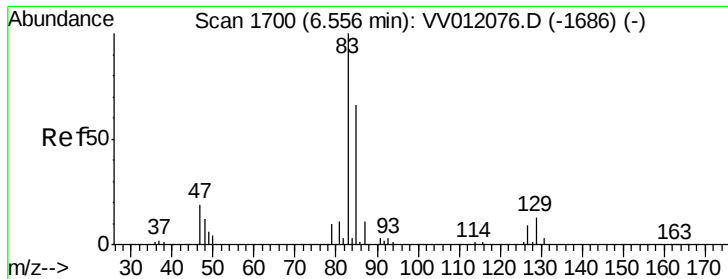
#37
1,2-Dichloropropane
Concen: 0.321 ug/L
RT: 6.22 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VV012090.D
Acq: 31 Jul 2019 00:23

Tgt Ion: 63 Resp: 2158
Ion Ratio Lower Upper
63 100
112 2.1 4.7 7.1#



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

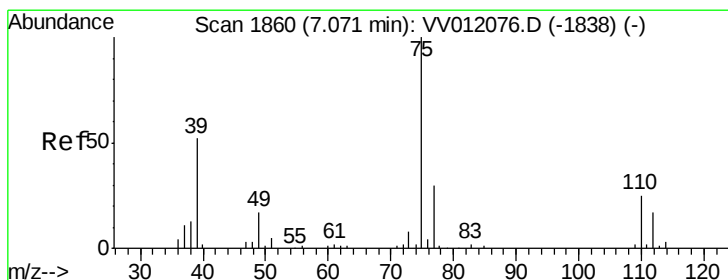
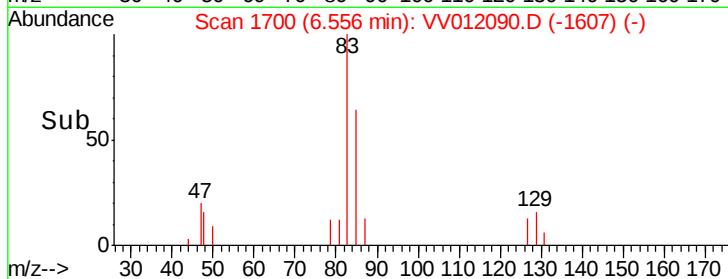
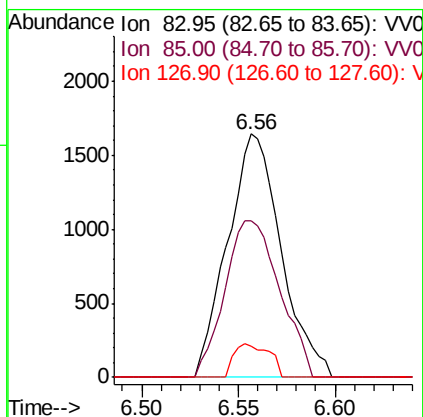
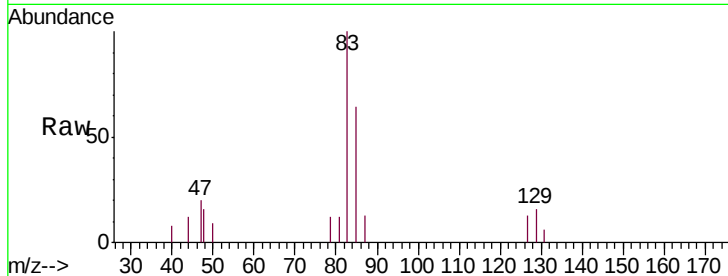




#38
Bromodichloromethane
Concen: 0.321 ug/L
RT: 6.56 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VV012090.D
Acq: 31 Jul 2019 00:23

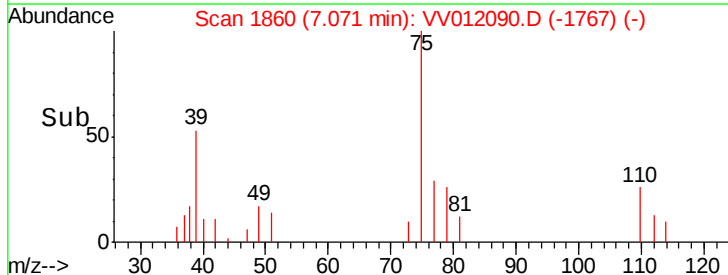
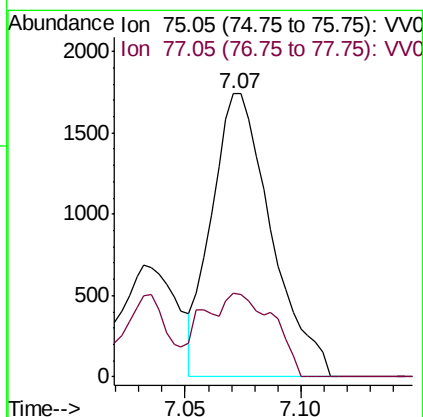
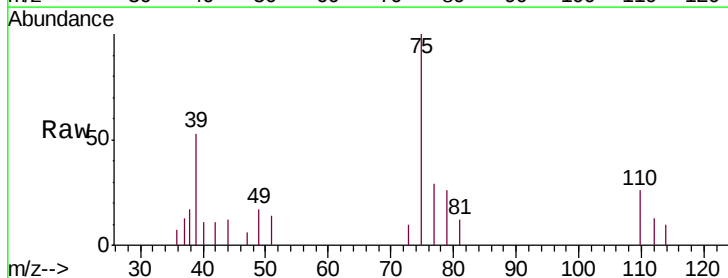
Instrument :
MSVOA_V
ClientSampleId :
MDL07

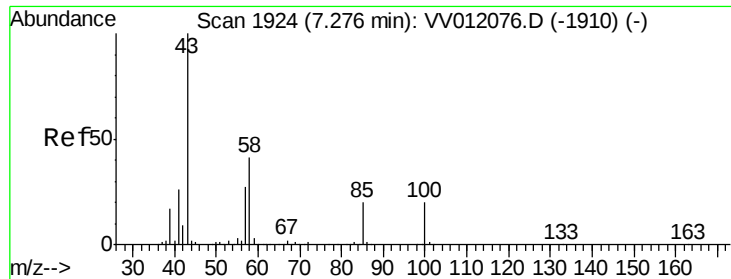
Tgt Ion: 83 Resp: 3173
Ion Ratio Lower Upper
83 100
85 64.2 46.2 85.8
127 12.6 7.2 10.8#



#39
cis-1,3-Dichloropropene
Concen: 0.297 ug/L
RT: 7.07 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VV012090.D
Acq: 31 Jul 2019 00:23

Tgt Ion: 75 Resp: 3112
Ion Ratio Lower Upper
75 100
77 29.4 21.3 39.5

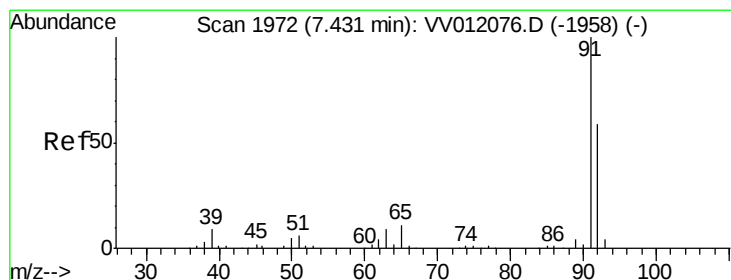
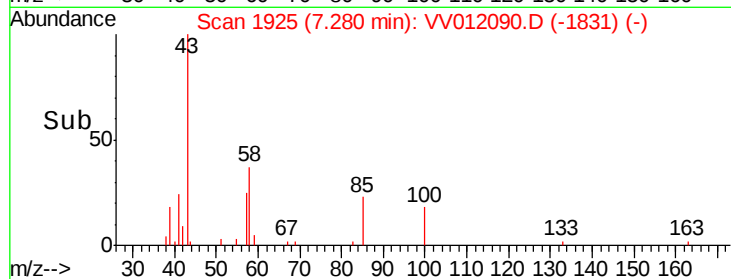
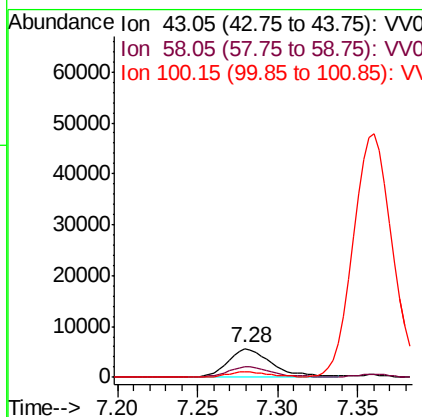
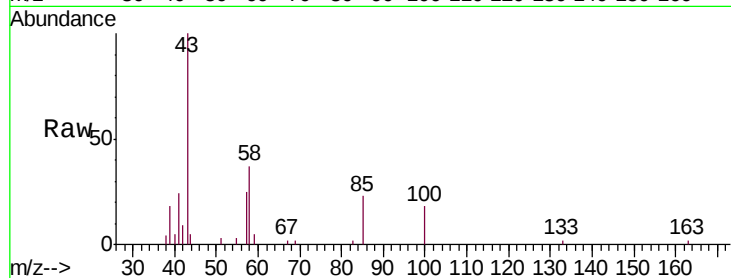




#40
 4-Methyl-2-pentanone
 Concen: 2.898 ug/L
 RT: 7.28 min Scan# 1925
 Delta R.T. 0.00 min
 Lab File: VV012090.D
 Acq: 31 Jul 2019 00:23

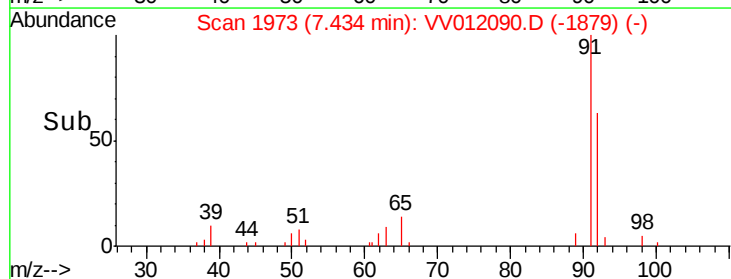
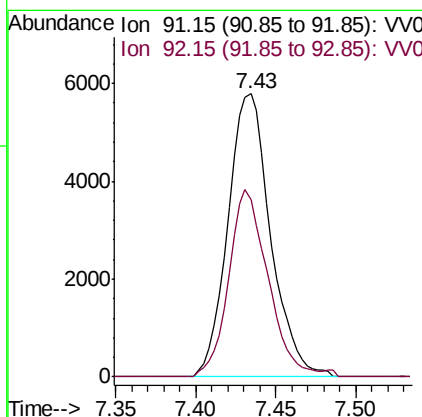
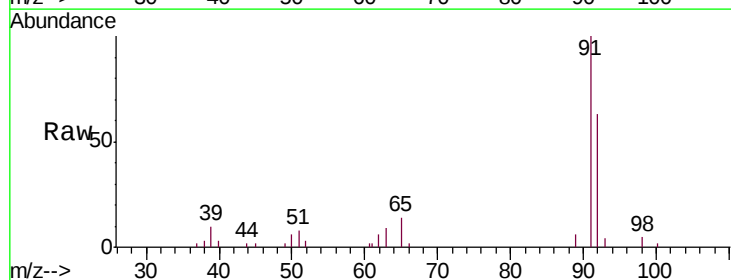
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

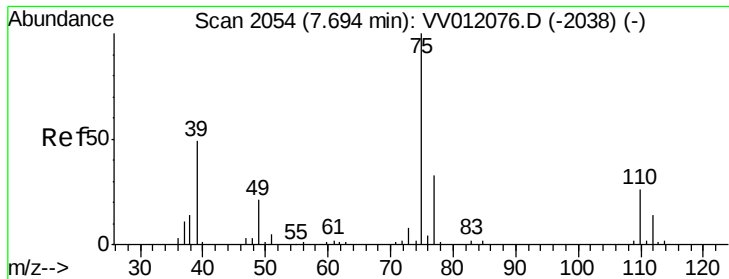
Tgt Ion: 43 Resp: 10617
 Ion Ratio Lower Upper
 43 100
 58 37.4 31.8 47.6
 100 0.0 15.0 22.4#



#42
 Toluene
 Concen: 0.330 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV012090.D
 Acq: 31 Jul 2019 00:23

Tgt Ion: 91 Resp: 10507
 Ion Ratio Lower Upper
 91 100
 92 62.6 41.6 77.2

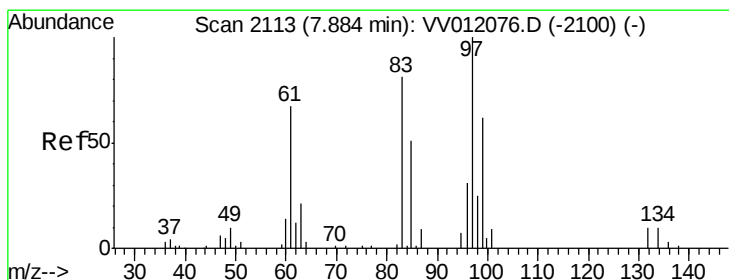
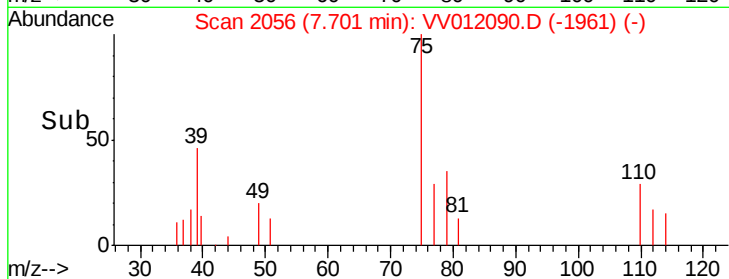
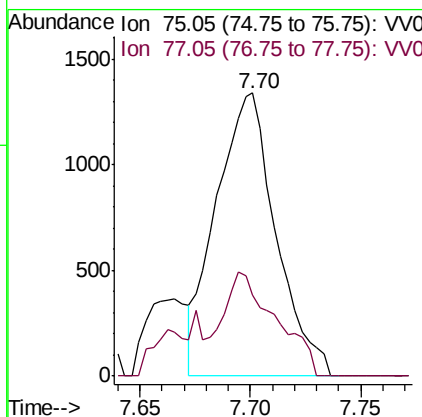
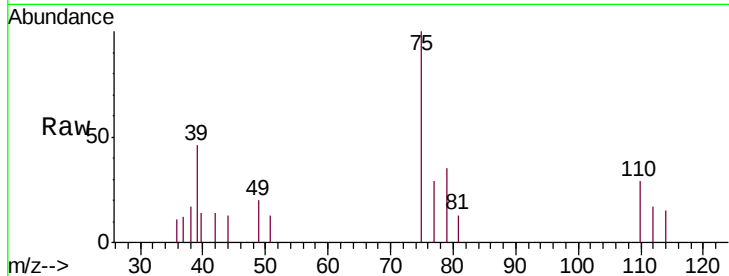




#44
trans-1,3-Dichloropropene
Concen: 0.298 ug/L
RT: 7.70 min Scan# 2056
Delta R.T. 0.01 min
Lab File: VV012090.D
Acq: 31 Jul 2019 00:23

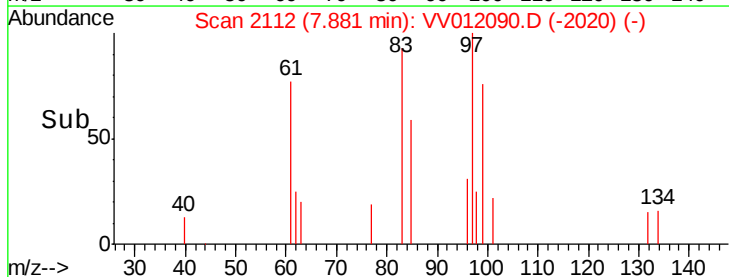
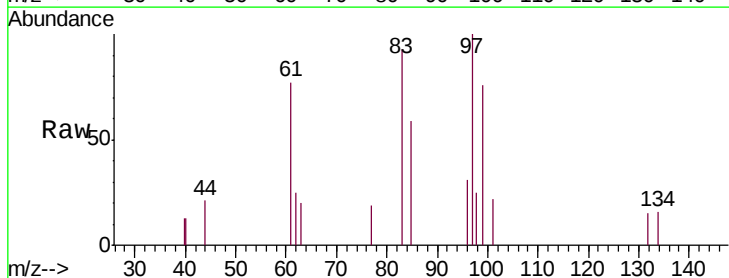
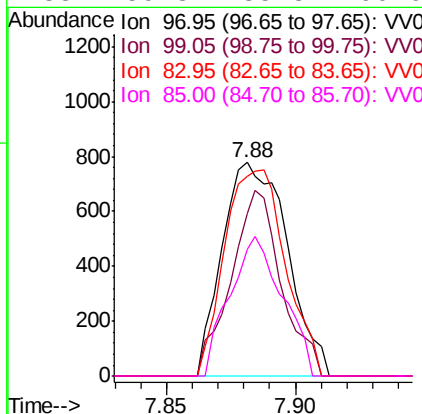
Instrument :
MSVOA_V
ClientSampled :
MDL07

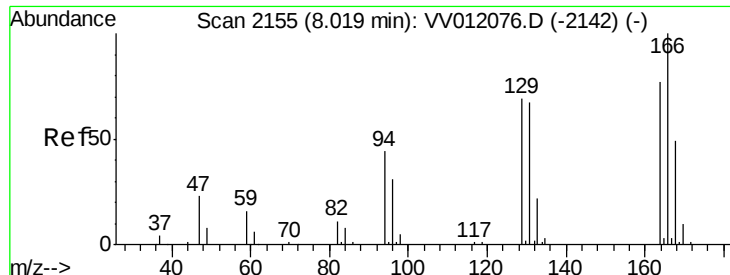
Tgt Ion: 75 Resp: 2523
Ion Ratio Lower Upper
75 100
77 28.5 22.8 42.4



#45
1,1,2-Trichloroethane
Concen: 0.272 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VV012090.D
Acq: 31 Jul 2019 00:23

Tgt Ion: 97 Resp: 1366
Ion Ratio Lower Upper
97 100
99 76.0 43.3 80.3
83 93.3 56.6 105.0
85 59.3 35.8 66.6





#47

Tetrachloroethene

Concen: 0.318 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012090.D

Acq: 31 Jul 2019 00:23

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tgt Ion:164 Resp: 2430

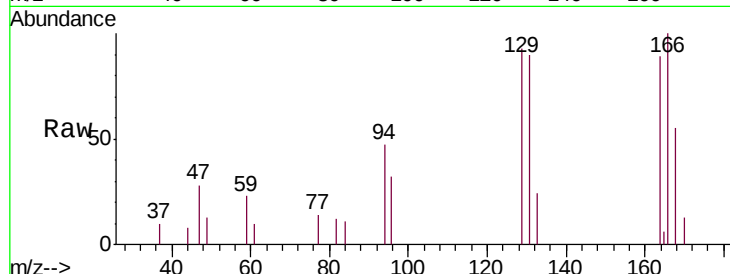
Ion Ratio Lower Upper

164 100

129 104.7 62.5 116.1

131 101.3 60.9 113.1

166 112.6 90.4 168.0

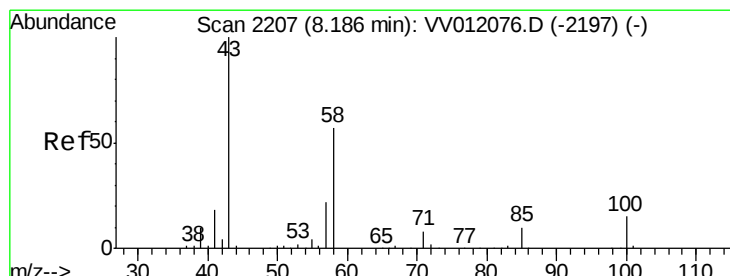
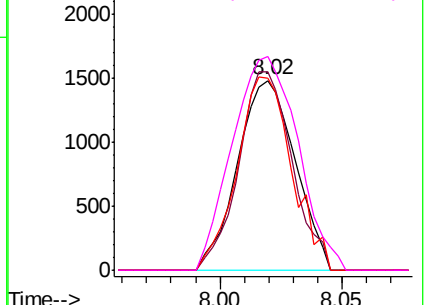
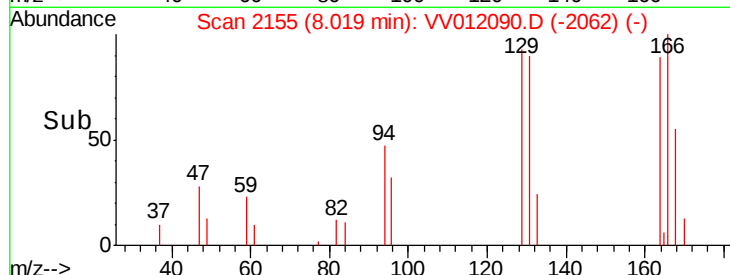


Abundance Ion 163.90 (163.60 to 164.60): V

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: 3.145 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VV012090.D

Acq: 31 Jul 2019 00:23

Tgt Ion: 43 Resp: 8016

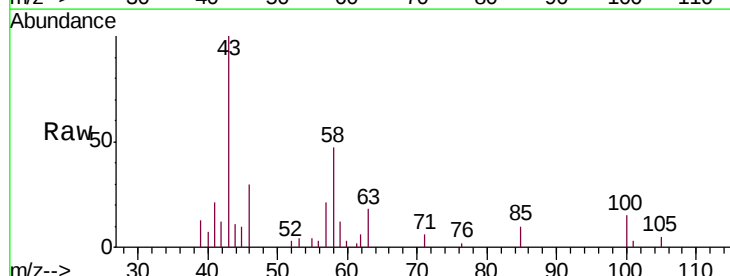
Ion Ratio Lower Upper

43 100

58 58.5 45.7 68.5

57 21.4 17.0 25.4

100 15.9 12.6 18.8

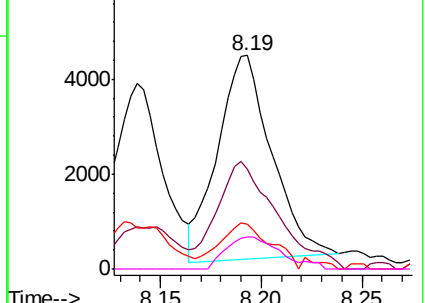
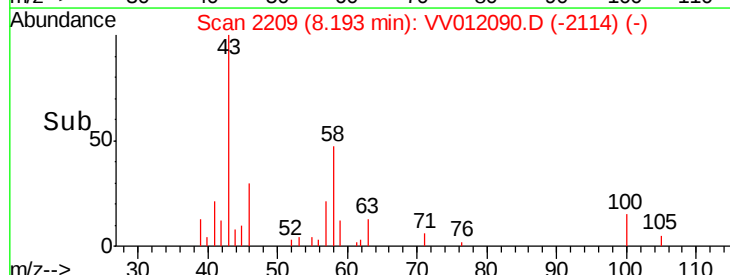


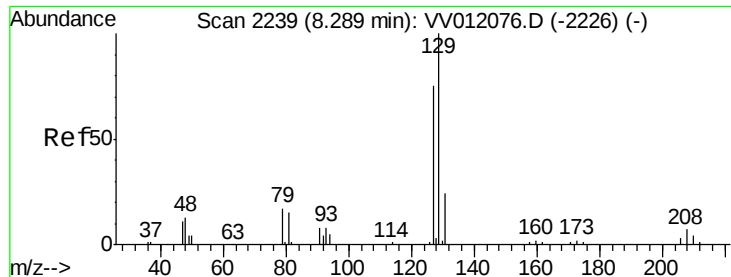
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 0.305 ug/L

RT: 8.29 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VV012090.D

Acq: 31 Jul 2019 00:23

Instrument :

MSVOA_V

ClientSampleId :

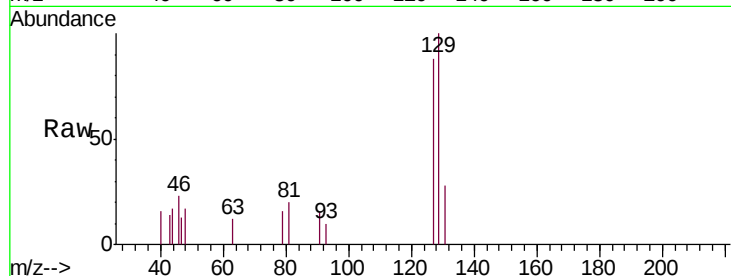
MDL07

Tgt Ion:129 Resp: 1989

Ion Ratio Lower Upper

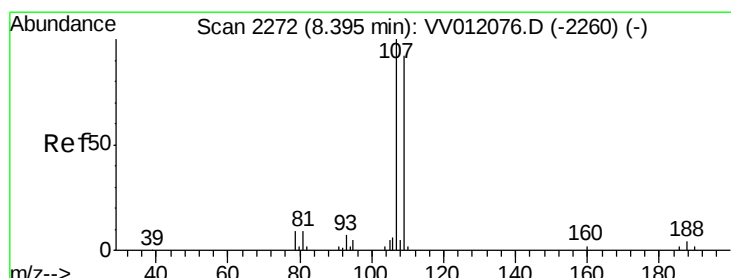
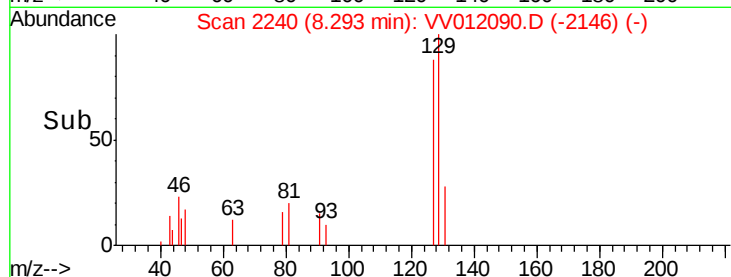
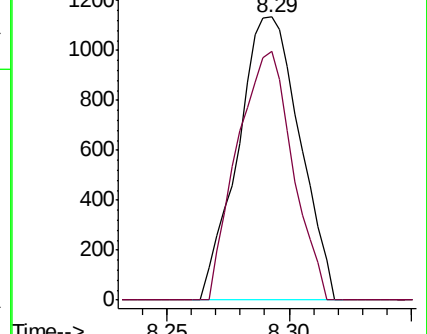
129 100

127 87.8 52.8 98.2



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#50

1,2-Dibromoethane

Concen: 0.329 ug/L

RT: 8.40 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VV012090.D

Acq: 31 Jul 2019 00:23

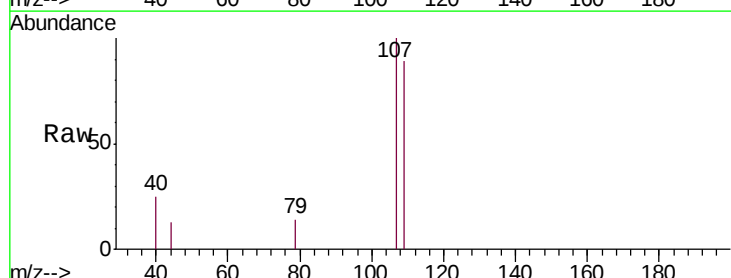
Tgt Ion:107 Resp: 1579

Ion Ratio Lower Upper

107 100

109 89.0 64.7 120.1

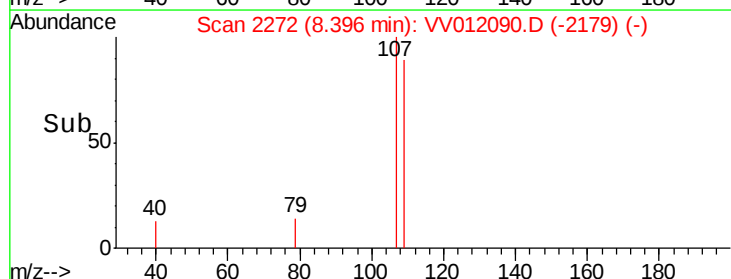
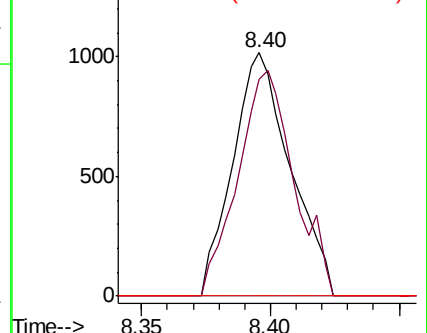
188 0.0 3.4 5.0#

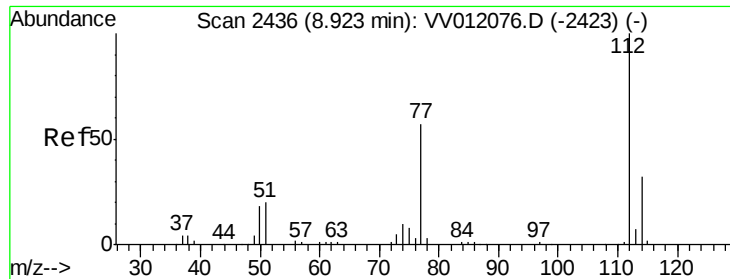


Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V

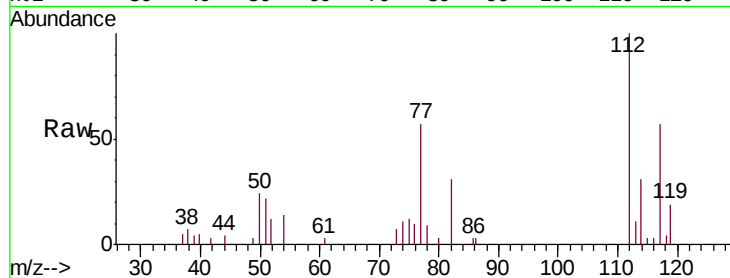




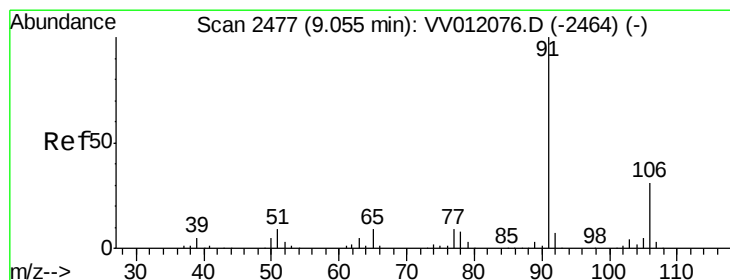
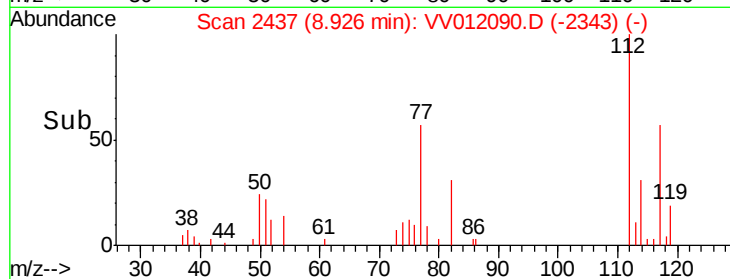
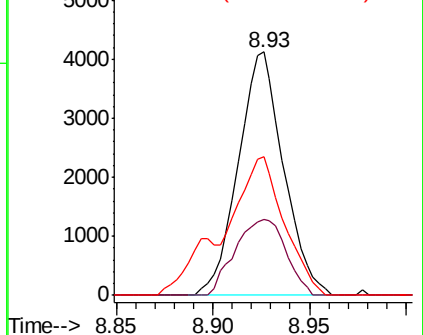
#51
Chlorobenzene
Concen: 0.311 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV012090.D
Acq: 31 Jul 2019 00:23

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion: 112 Resp: 6709
Ion Ratio Lower Upper
112 100
114 31.0 22.4 41.6
77 57.0 46.1 69.1

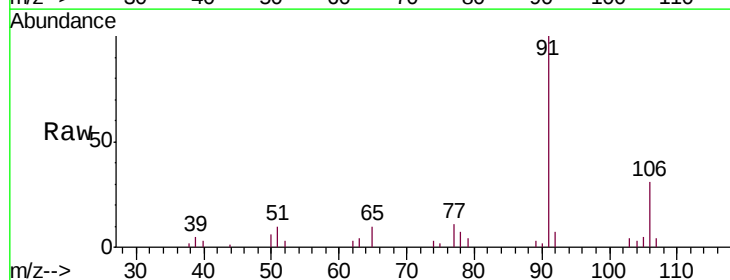


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

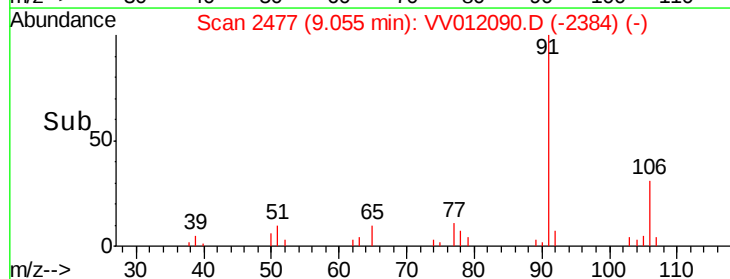
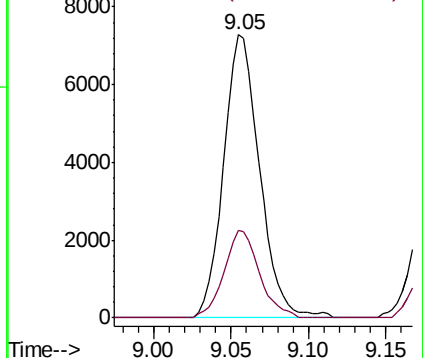


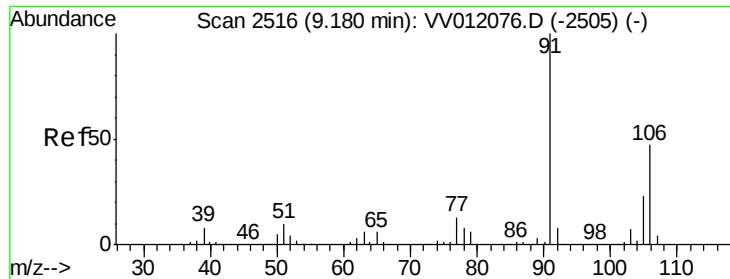
#52
Ethylbenzene
Concen: 0.319 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV012090.D
Acq: 31 Jul 2019 00:23

Tgt Ion: 91 Resp: 11712
Ion Ratio Lower Upper
91 100
106 30.9 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): V
Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 0.268 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV012090.D

Acq: 31 Jul 2019 00:23

Instrument :

MSVOA_V

ClientSampleId :

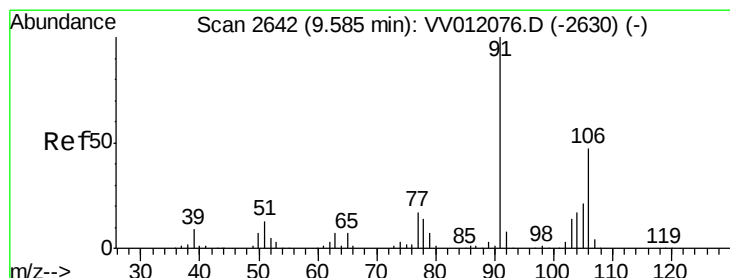
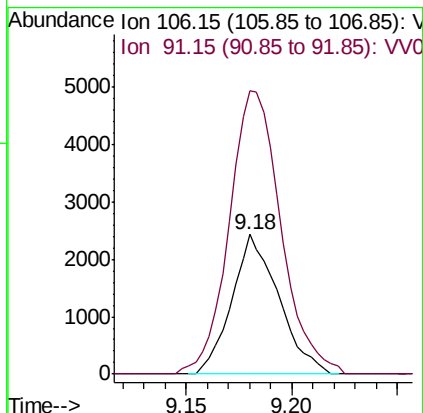
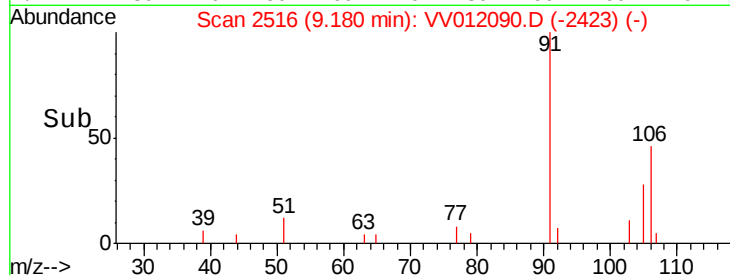
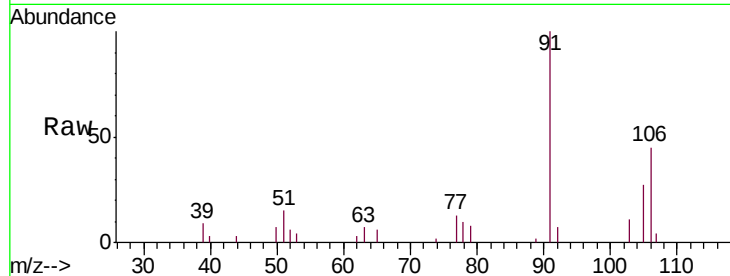
MDL07

Tgt Ion:106 Resp: 3770

Ion Ratio Lower Upper

106 100

91 202.5 148.7 276.3



#54

o-xylene

Concen: 0.302 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV012090.D

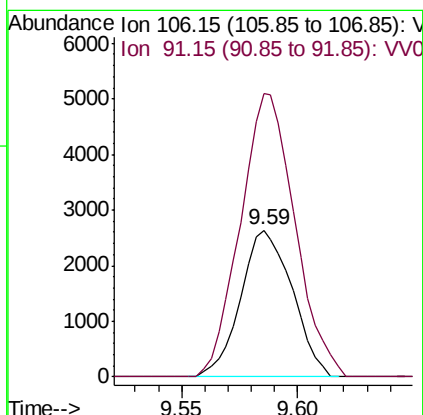
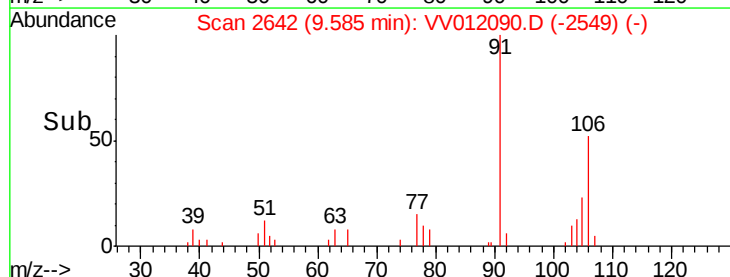
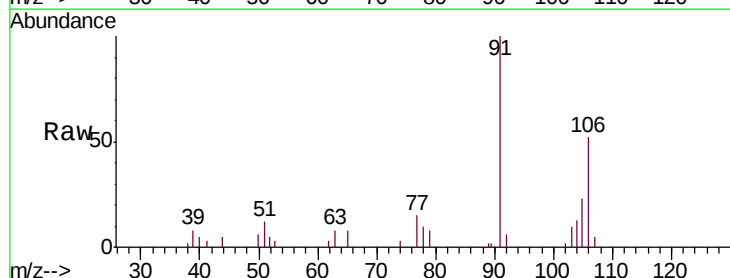
Acq: 31 Jul 2019 00:23

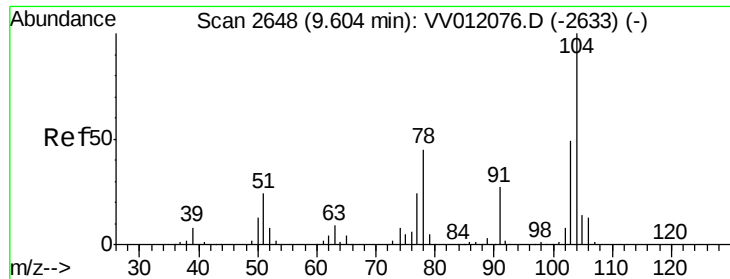
Tgt Ion:106 Resp: 4076

Ion Ratio Lower Upper

106 100

91 192.9 147.7 274.3





#55

Styrene

Concen: 0.269 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. 0.00 min

Lab File: VV012090.D

Acq: 31 Jul 2019 00:23

Instrument :

MSVOA_V

ClientSampled :

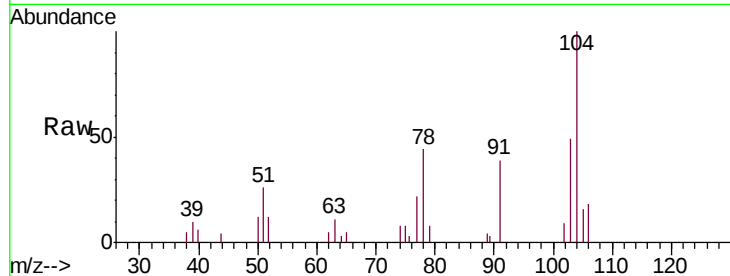
MDL07

Tgt Ion:104 Resp: 6160

Ion Ratio Lower Upper

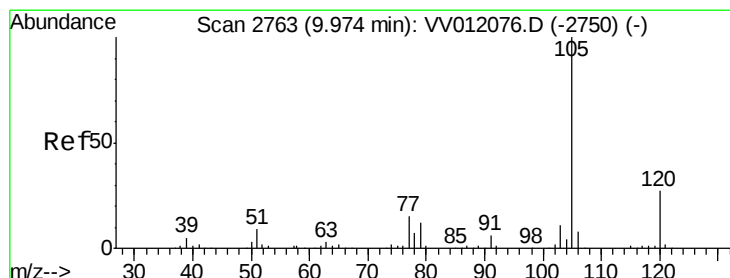
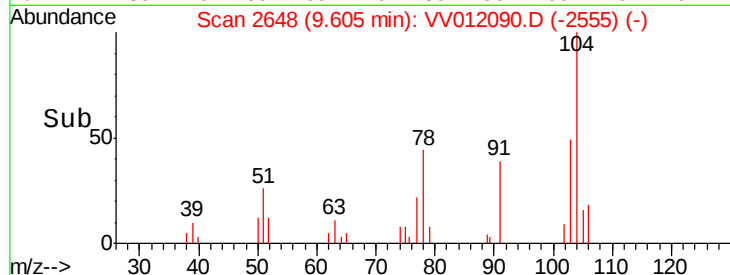
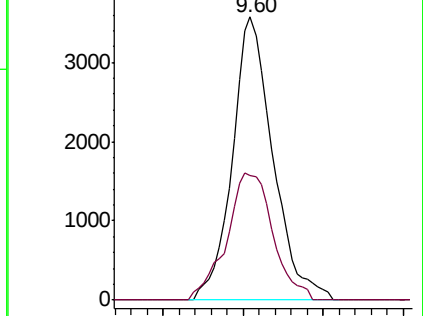
104 100

78 44.1 31.7 58.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0



#56

Isopropylbenzene

Concen: 0.281 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV012090.D

Acq: 31 Jul 2019 00:23

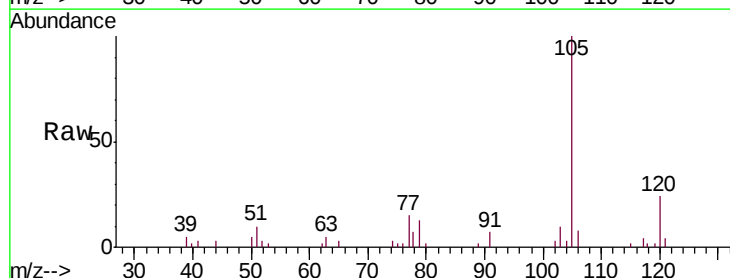
Tgt Ion:105 Resp: 10485

Ion Ratio Lower Upper

105 100

120 25.9 21.8 32.8

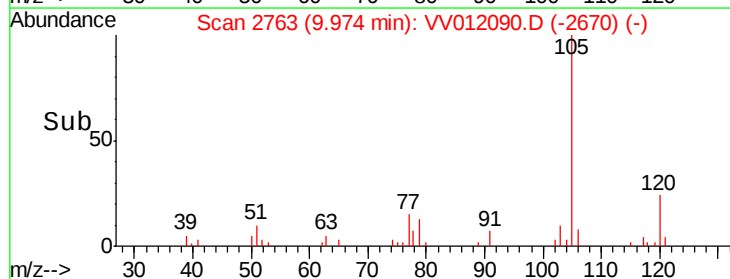
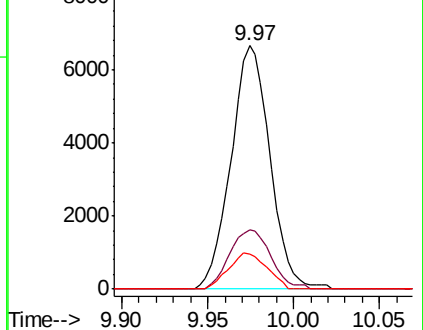
77 14.6 12.7 19.1

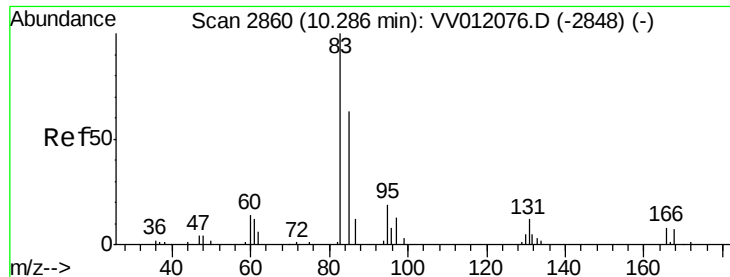


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0

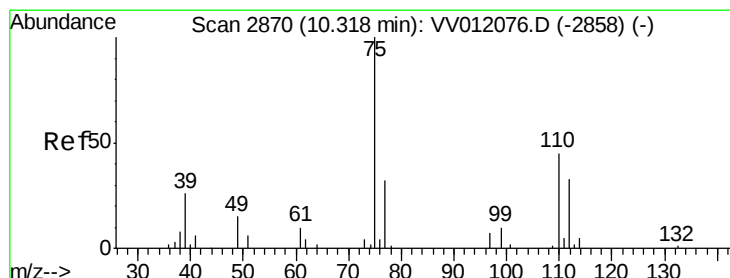
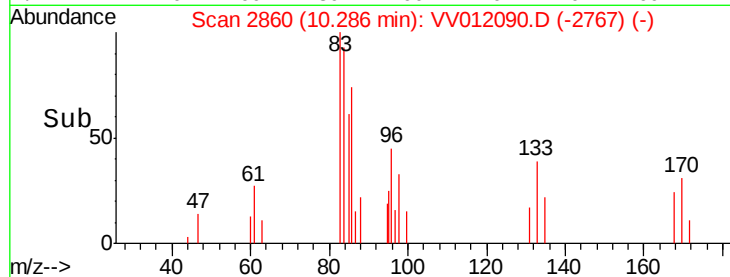
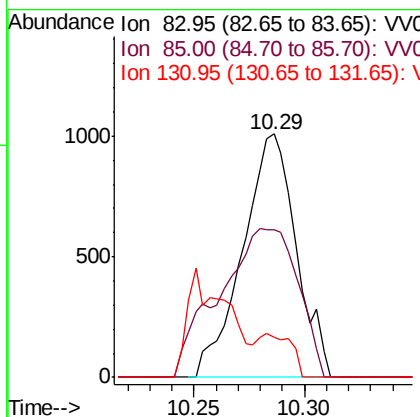
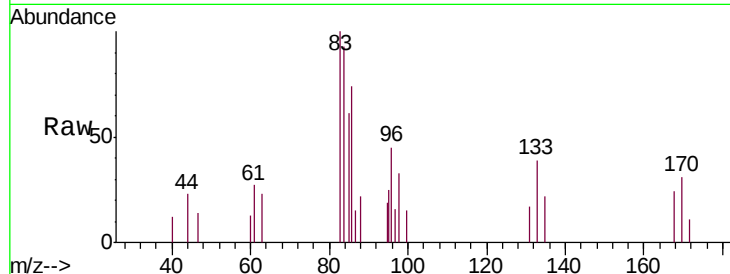




#58
 1,1,2,2-Tetrachloroethane
 Concen: 0.306 ug/L
 RT: 10.29 min Scan# 2860
 Delta R.T. 0.00 min
 Lab File: VV012090.D
 Acq: 31 Jul 2019 00:23

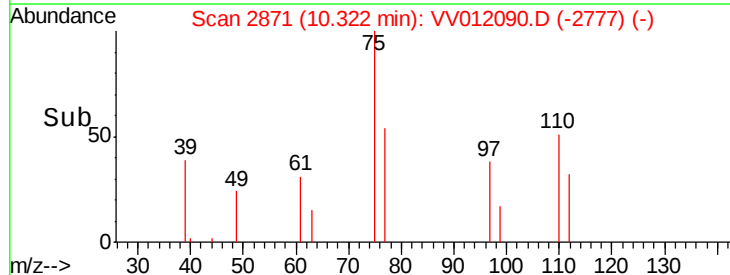
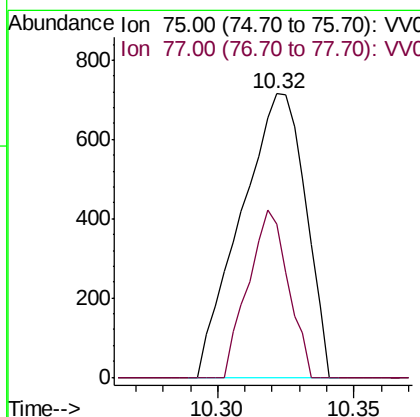
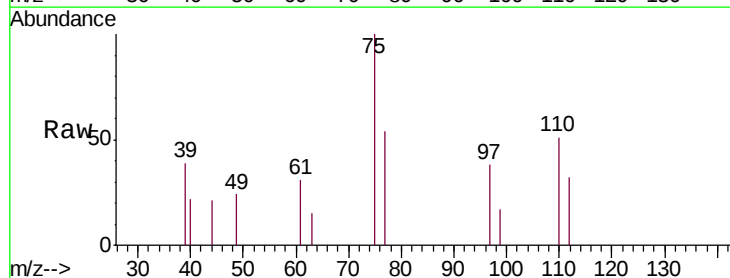
Instrument :
 MSVOA_V
 ClientSampled :
 MDL07

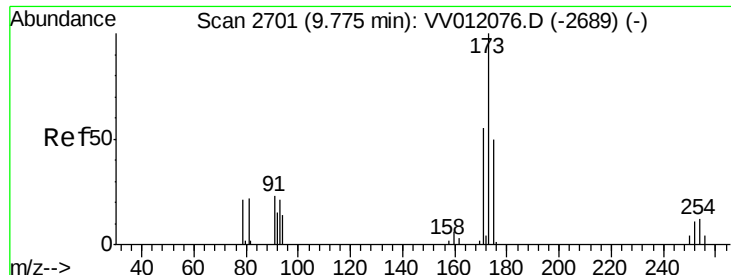
Tgt Ion: 83 Resp: 1693
 Ion Ratio Lower Upper
 83 100
 85 60.7 45.1 83.7
 131 16.7 10.3 15.5#



#59
 1,2,3-Trichloropropane
 Concen: 0.281 ug/L
 RT: 10.32 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VV012090.D
 Acq: 31 Jul 2019 00:23

Tgt Ion: 75 Resp: 1175
 Ion Ratio Lower Upper
 75 100
 77 36.4 26.9 40.3

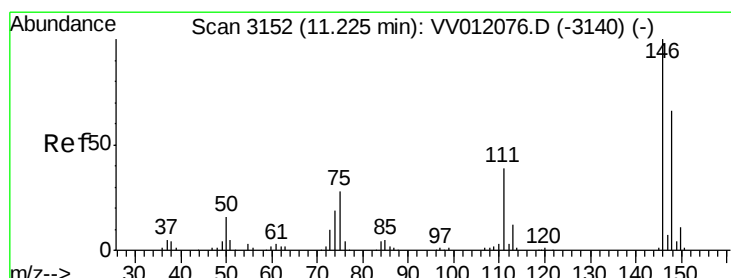
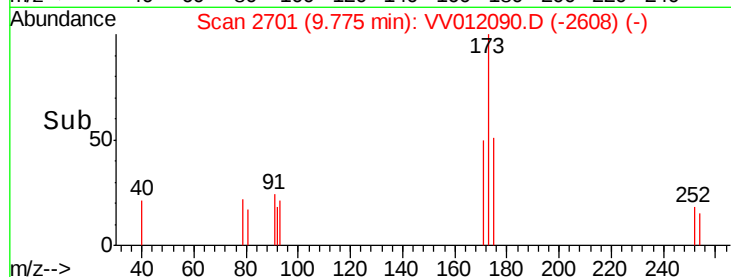
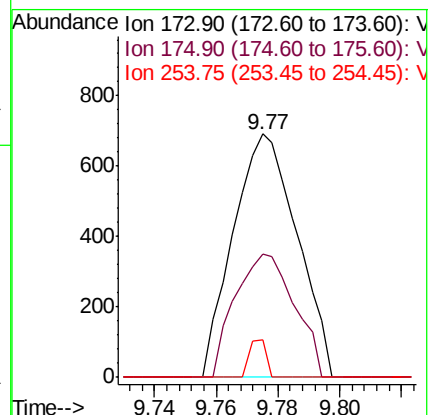
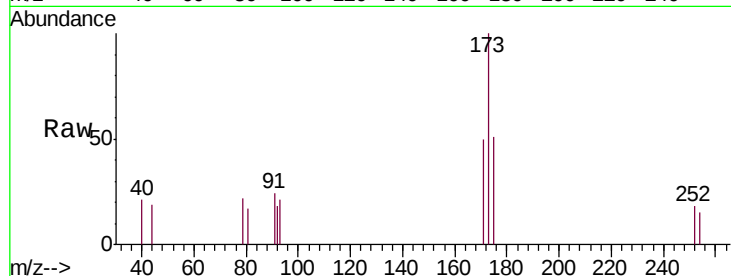




#61
Bromoform
Concen: 0.296 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VV012090.D
Acq: 31 Jul 2019 00:23

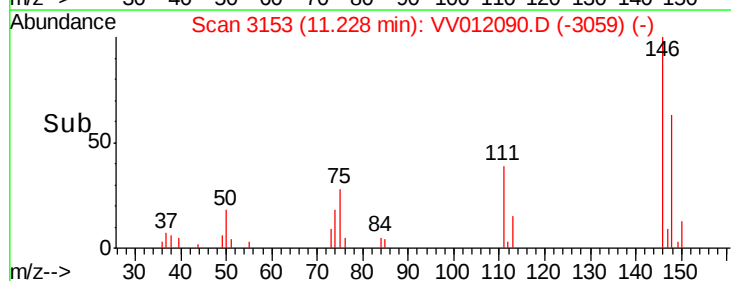
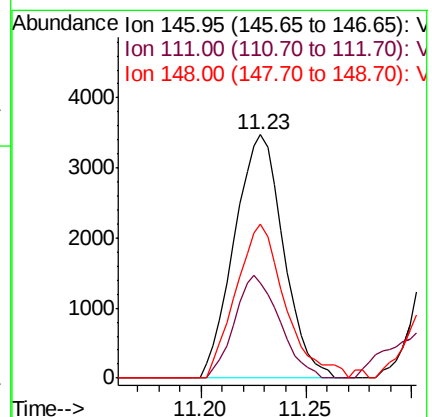
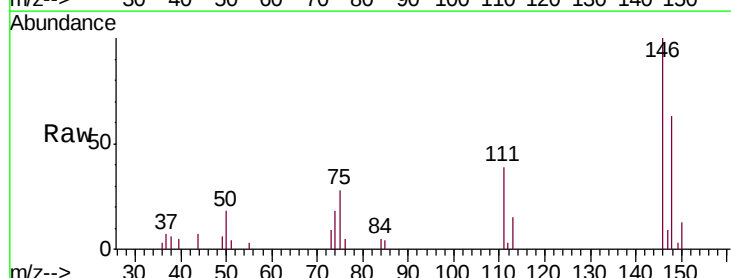
Instrument :
MSVOA_V
ClientSampleId :
MDL07

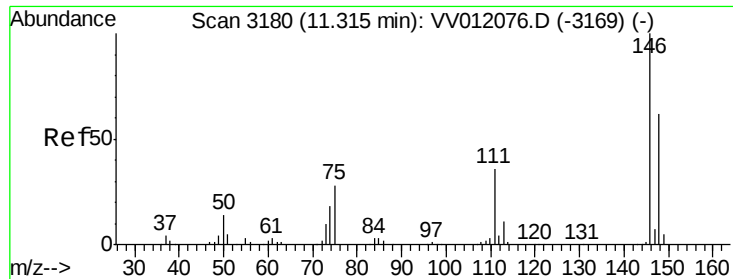
Tgt Ion:173 Resp: 989
Ion Ratio Lower Upper
173 100
175 47.3 39.4 59.2
254 4.1 8.7 13.1#



#62
1,3-Dichlorobenzene
Concen: 0.324 ug/L
RT: 11.23 min Scan# 3153
Delta R.T. 0.00 min
Lab File: VV012090.D
Acq: 31 Jul 2019 00:23

Tgt Ion:146 Resp: 5614
Ion Ratio Lower Upper
146 100
111 39.3 27.2 50.6
148 63.1 45.9 85.3

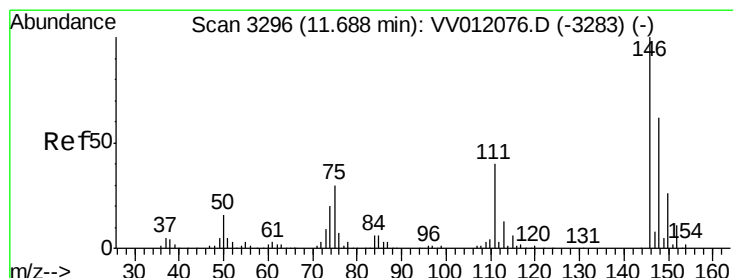
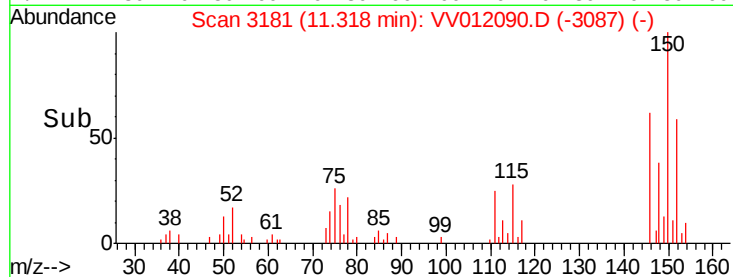
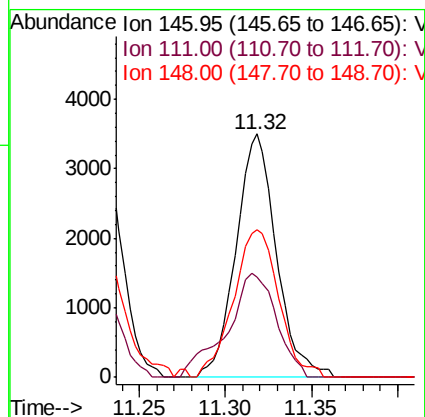
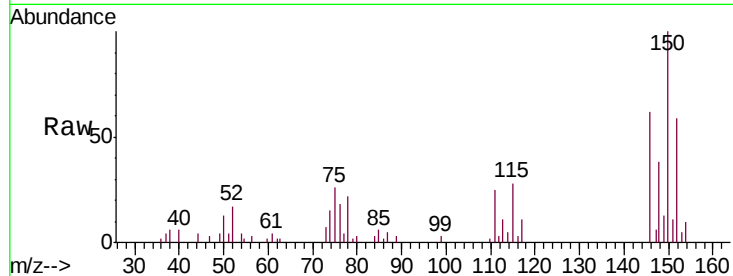




#63
 1,4-Dichlorobenzene
 Concen: 0.323 ug/L
 RT: 11.32 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: VV012090.D
 Acq: 31 Jul 2019 00:23

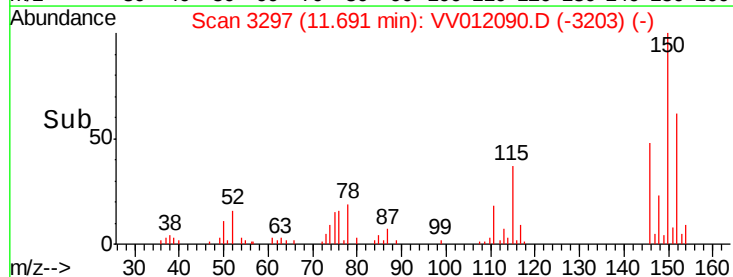
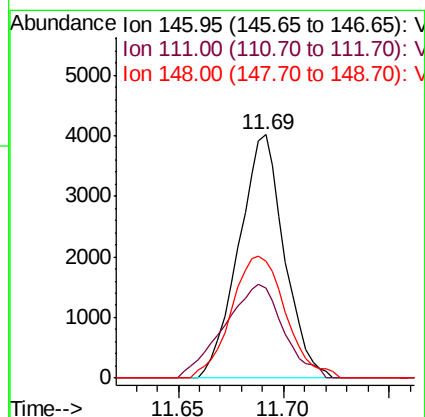
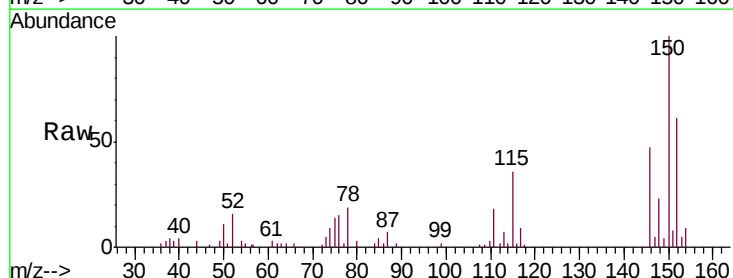
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

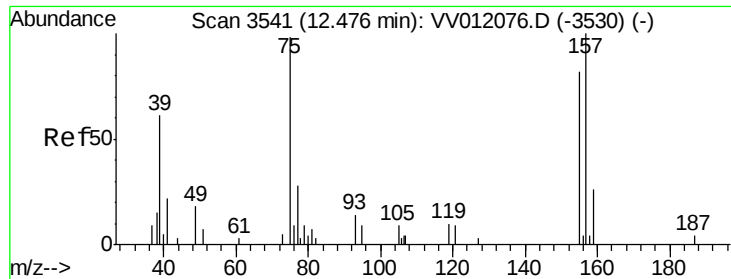
Tgt Ion:146 Resp: 5709
 Ion Ratio Lower Upper
 146 100
 111 41.1 25.4 47.2
 148 60.8 43.5 80.7



#65
 1,2-Dichlorobenzene
 Concen: 0.385 ug/L
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VV012090.D
 Acq: 31 Jul 2019 00:23

Tgt Ion:146 Resp: 6018
 Ion Ratio Lower Upper
 146 100
 111 37.1 32.3 48.5
 148 48.2 49.9 74.9#

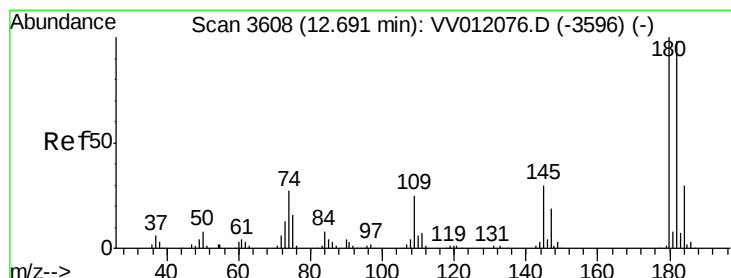
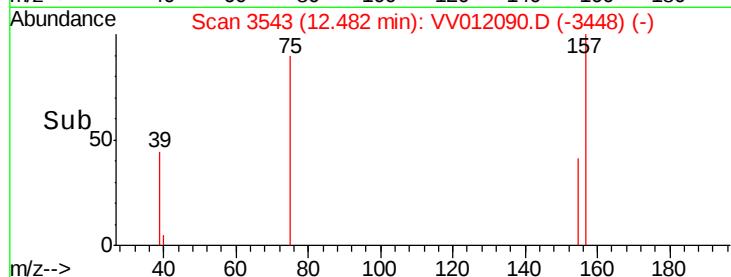
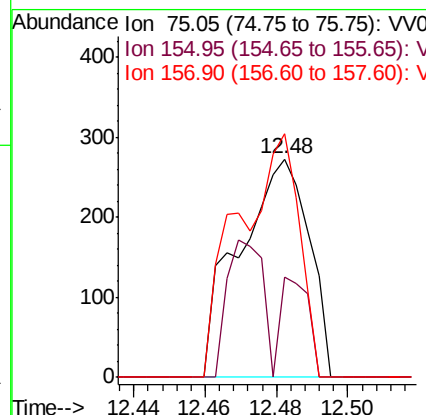
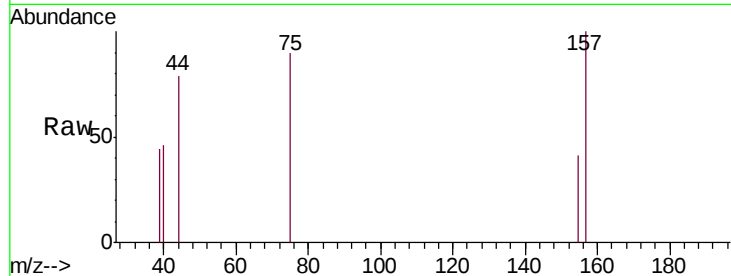




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.438 ug/L
 RT: 12.48 min Scan# 3543
 Delta R.T. 0.01 min
 Lab File: VV012090.D
 Acq: 31 Jul 2019 00:23

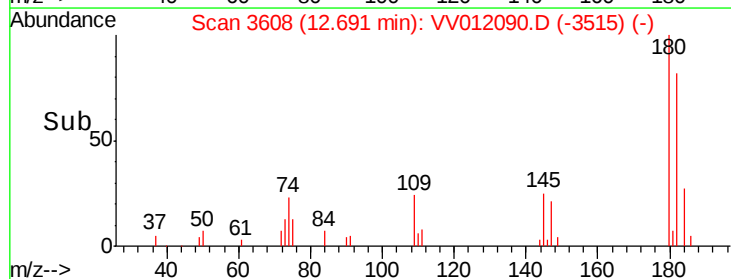
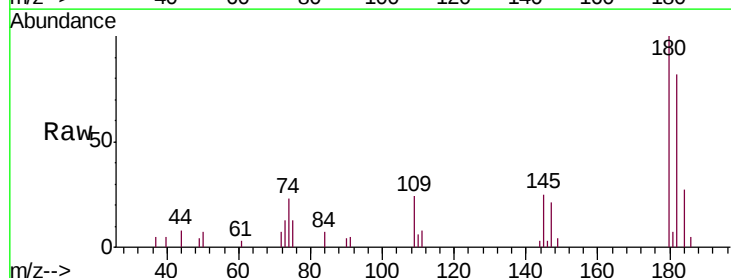
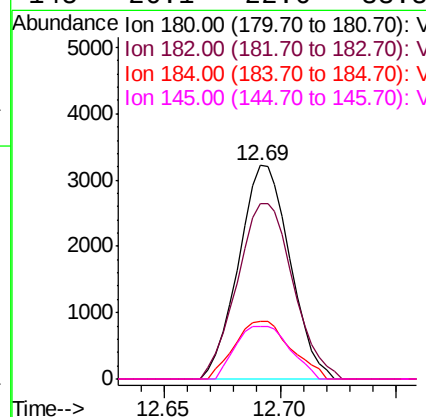
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

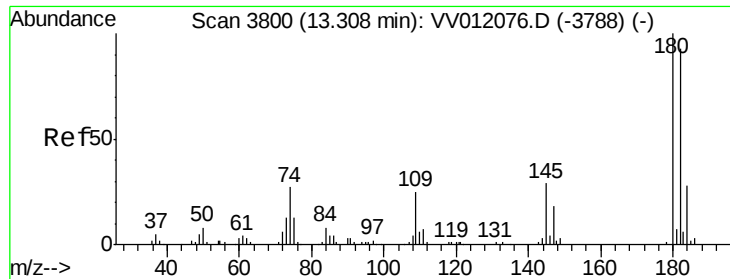
Tgt Ion: 75 Resp: 368
 Ion Ratio Lower Upper
 75 100
 155 46.2 66.9 100.3#
 157 111.4 81.8 122.6



#67
 1,3,5-Trichlorobenzene
 Concen: 0.349 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VV012090.D
 Acq: 31 Jul 2019 00:23

Tgt Ion: 180 Resp: 4944
 Ion Ratio Lower Upper
 180 100
 182 89.6 76.6 115.0
 184 29.6 23.8 35.8
 145 26.1 22.6 33.8

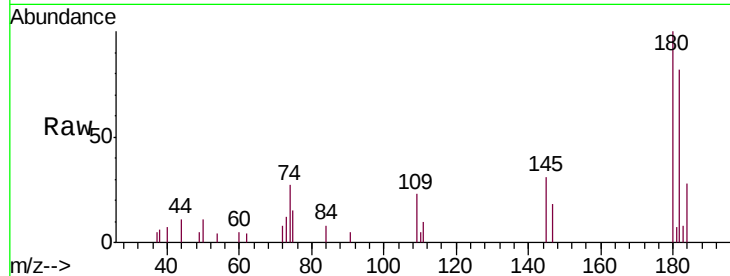




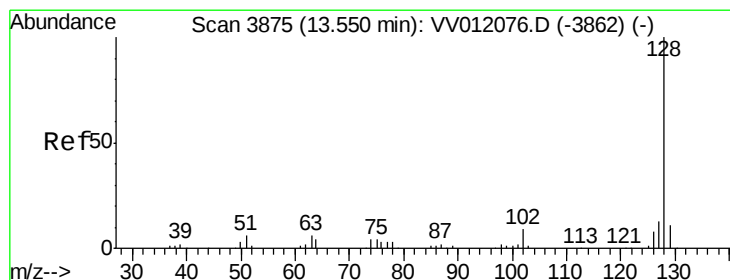
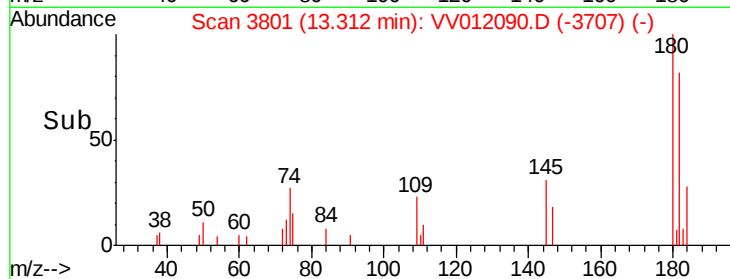
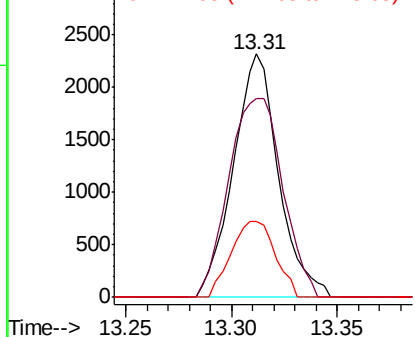
#68
 1,2,4-trichlorobenzene
 Concen: 0.301 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV012090.D
 Acq: 31 Jul 2019 00:23

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Tgt Ion:180 Resp: 3451
 Ion Ratio Lower Upper
 180 100
 182 97.9 75.4 113.0
 145 30.3 23.5 35.3

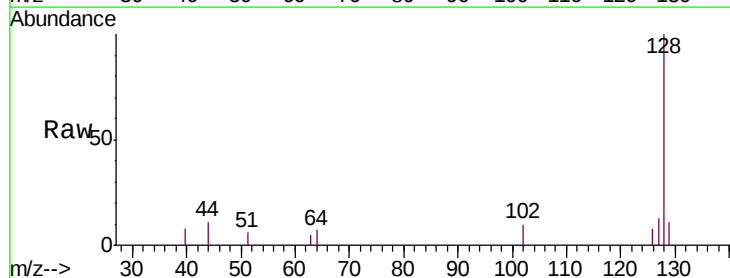


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

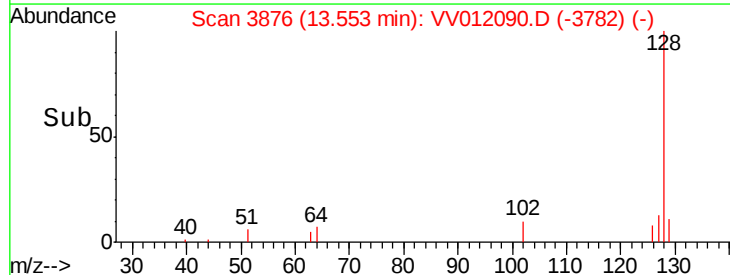
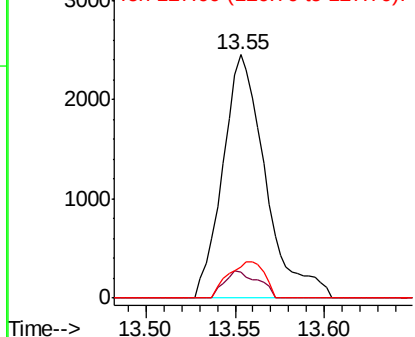


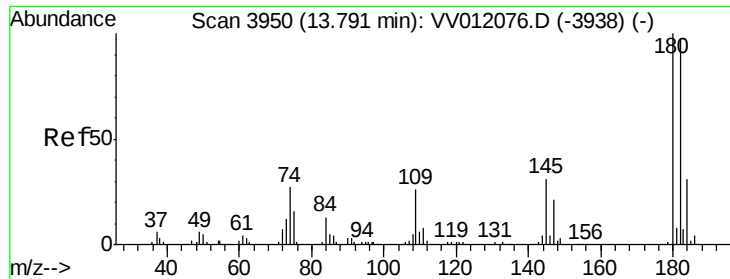
#69
 Naphthalene
 Concen: 0.264 ug/L
 RT: 13.55 min Scan# 3876
 Delta R.T. 0.00 min
 Lab File: VV012090.D
 Acq: 31 Jul 2019 00:23

Tgt Ion:128 Resp: 4067
 Ion Ratio Lower Upper
 128 100
 129 8.8 8.4 12.6
 127 12.5 10.0 15.0



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: 0.278 ug/L

RT: 13.80 min Scan# 3952

Delta R.T. 0.01 min

Lab File: VV012090.D

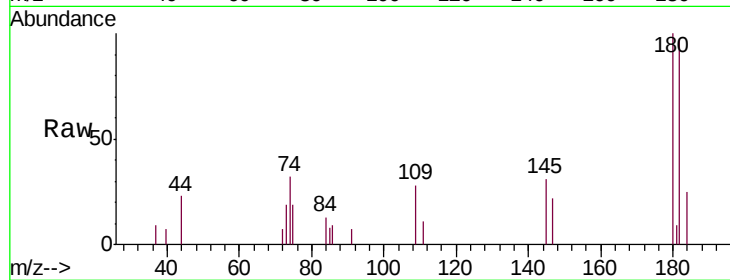
Acq: 31 Jul 2019 00:23

Instrument :

MSVOA_V

ClientSampleId :

MDL07



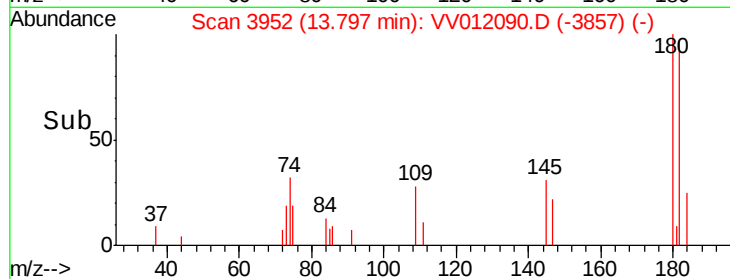
Tgt Ion:180 Resp: 2831

Ion Ratio Lower Upper

180 100

182 101.5 76.5 114.7

145 36.0 24.4 36.6



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

