

Data File : VV012077.D
Acq On : 30 Jul 2019 18:28
Operator : SY/MD
Sample : VSTD01036
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD01036

Quant Time: Jul 31 04:36:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR073119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 31 04:32:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	116030	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	111061	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	64180	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55944	9.37	ug/L	0.00
7) Chloroethane-d5	1.58	69	44547	9.45	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	121604	10.19	ug/L	0.00
20) 2-Butanone-d5	3.97	46	172682	99.73	ug/L	0.00
24) Chloroform-d	4.40	84	150371	9.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	86847	10.56	ug/L	0.00
32) Benzene-d6	5.10	84	306383	9.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	84020	9.62	ug/L	0.00
41) Toluene-d8	7.36	98	298823	10.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	39069	10.82	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	138268	98.98	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	62648	9.92	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	120548	9.79	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	142124	11.753 ug/L	99
3) Chloromethane	1.25	50	67774	10.077 ug/L	99
5) Vinyl chloride	1.32	62	73189	10.538 ug/L	98
6) Bromomethane	1.54	94	46516	11.190 ug/L	100
8) Chloroethane	1.60	64	39440	9.644 ug/L	99
9) Trichlorofluoromethane	1.77	101	144977	11.118 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	61646	10.540 ug/L	98
12) 1,1-Dichloroethene	2.14	96	56516	10.821 ug/L	95
13) Acetone	2.23	43	86028	94.225 ug/L	98
14) Carbon disulfide	2.32	76	158928	10.755 ug/L	98
15) Methyl Acetate	2.47	43	16683	8.259 ug/L	98
16) Methylene chloride	2.53	84	54697	9.289 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	191338	10.786 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	84594	10.518 ug/L	93
19) 1,1-Dichloroethane	3.23	63	151539	10.650 ug/L	98
21) 2-Butanone	4.05	43	179663	102.928 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	90038	10.382 ug/L	92
23) Bromochloromethane	4.30	128	41066	11.379 ug/L	95
25) Chloroform	4.43	83	185718	10.618 ug/L	99
27) 1,2-Dichloroethane	5.18	62	108245	11.165 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	164506	11.678 ug/L	98
30) Cyclohexane	4.72	56	130753	10.137 ug/L	98
31) Carbon tetrachloride	4.87	117	150864	11.857 ug/L	99
33) Benzene	5.15	78	340871	10.727 ug/L	100
34) Trichloroethene	5.96	95	97010	10.900 ug/L	97
35) Methylcyclohexane	6.18	83	148229	10.761 ug/L	99
37) 1,2-Dichloropropane	6.22	63	76385	10.088 ug/L	98
38) Bromodichloromethane	6.56	83	115587	11.237 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	127039	11.207 ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	445722	106.402 ug/L	99

Data File : VV012077.D
Acq On : 30 Jul 2019 18:28
Operator : SY/MD
Sample : VSTD01036
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD01036

Quant Time: Jul 31 04:36:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR073119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 31 04:32:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	381009	11.144	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	102633	11.348	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	57291	10.821	ug/L	98
47) Tetrachloroethene	8.02	164	88629	11.413	ug/L	99
48) 2-Hexanone	8.19	43	317627	108.820	ug/L	98
49) Dibromochloromethane	8.29	129	79738	12.105	ug/L	98
50) 1,2-Dibromoethane	8.40	107	55865	11.131	ug/L	96
51) Chlorobenzene	8.92	112	248006	11.001	ug/L	99
52) Ethylbenzene	9.05	91	441796	11.296	ug/L	98
53) m,p-xylene	9.18	106	169084	11.399	ug/L	98
54) o-xylene	9.59	106	165616	11.692	ug/L	96
55) Styrene	9.60	104	280672	11.803	ug/L	97
56) Isopropylbenzene	9.97	105	459974	11.662	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.28	83	63190	10.959	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	49050	11.074	ug/L	97
61) Bromoform	9.77	173	43831	11.359	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	224060	10.866	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	222927	10.508	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	201281	10.675	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	11657	10.491	ug/L	86
67) 1,3,5-Trichlorobenzene	12.69	180	184475	10.672	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	152744	10.970	ug/L	99
69) Naphthalene	13.55	128	220199	10.714	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	136473	10.865	ug/L	98

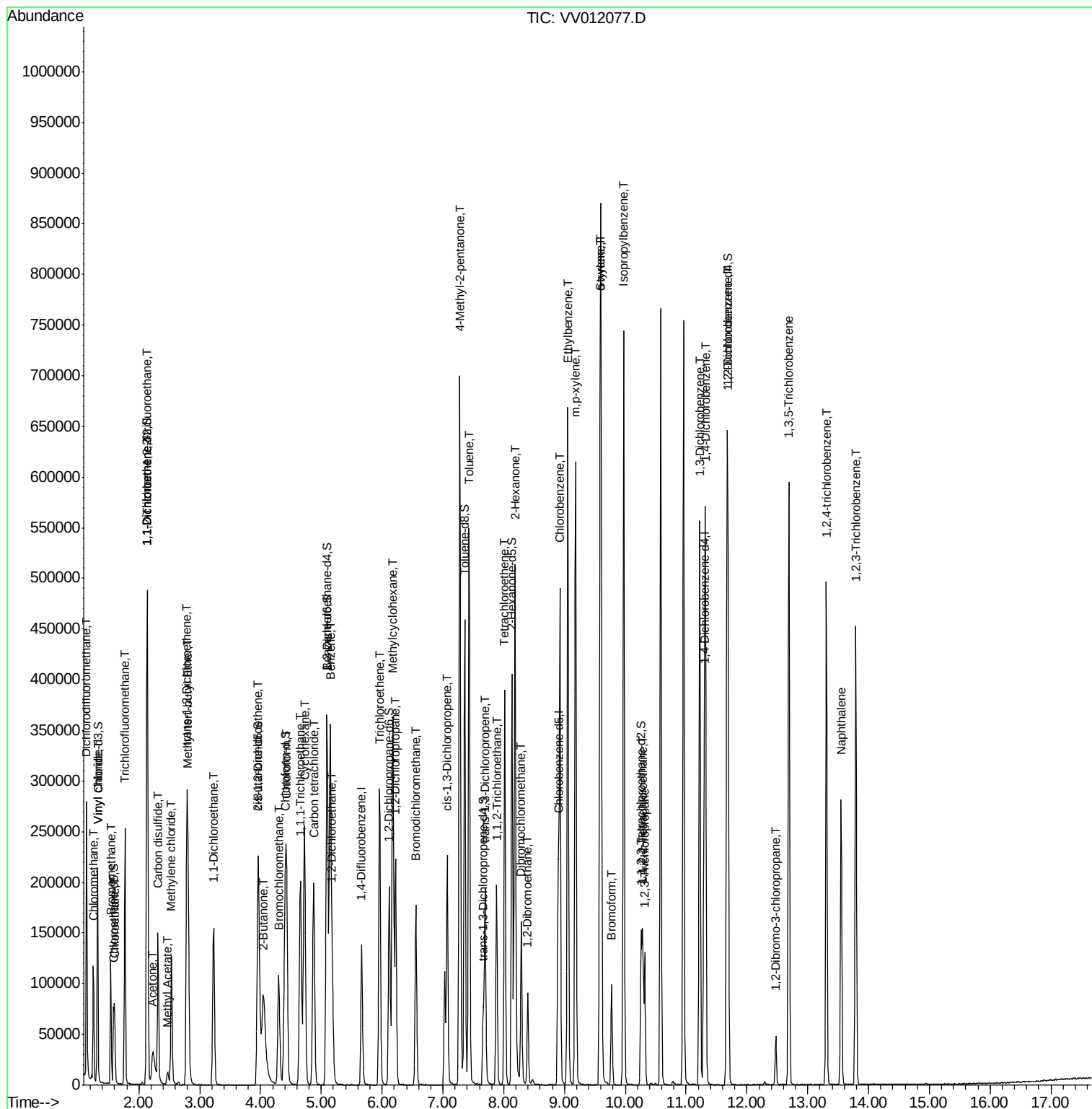
(#) = qualifier out of range (m) = manual integration (+) = signals summed

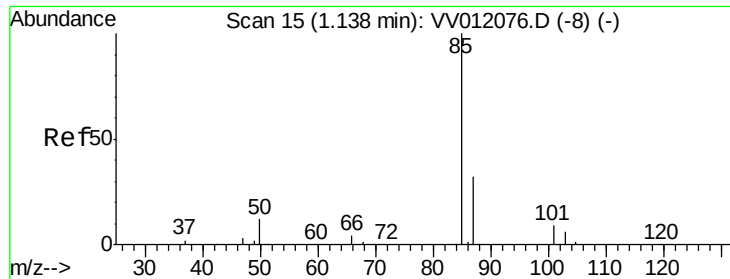
Data File : VV012077.D

```
Acq On       : 30 Jul 2019   18:28
Operator    : SY/MD
Sample      : VSTD01036
Misc        : 25ML/MSV0A_V/WATER
ALS Vial     : 6      Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
VSTD01036

Quant Time: Jul 31 04:36:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR073119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 31 04:32:49 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 11.753 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

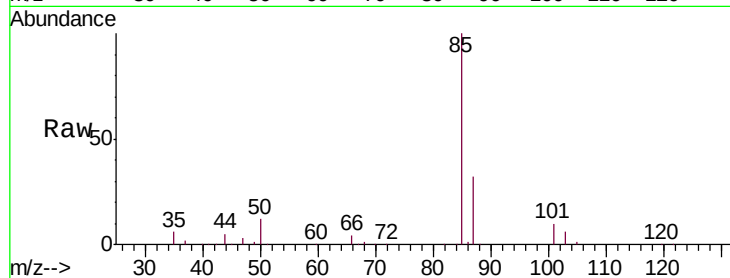
VSTD01036

Tgt Ion: 85 Resp: 142124

Ion Ratio Lower Upper

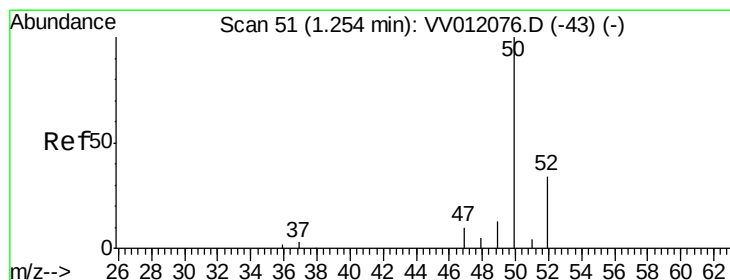
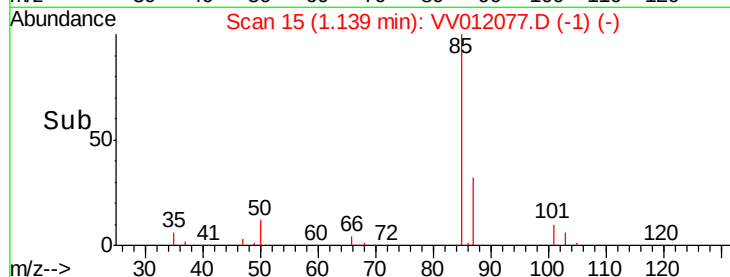
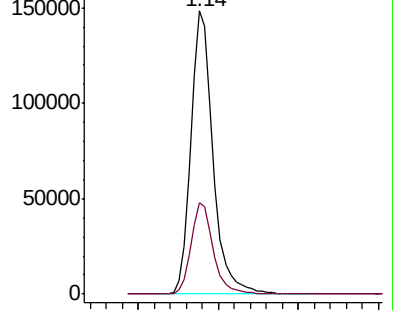
85 100

87 32.3 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: 10.077 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV012077.D

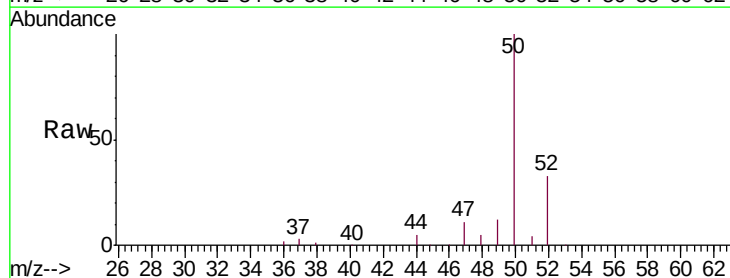
Acq: 30 Jul 2019 18:28

Tgt Ion: 50 Resp: 67774

Ion Ratio Lower Upper

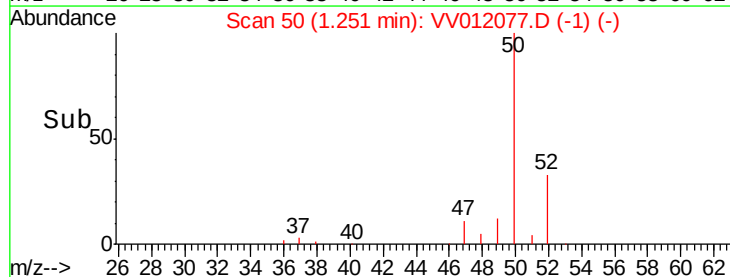
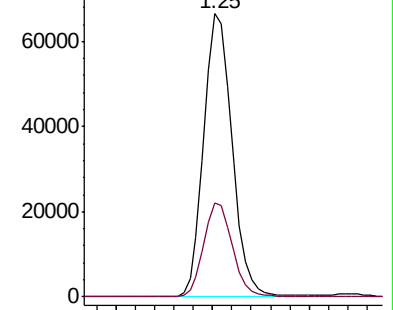
50 100

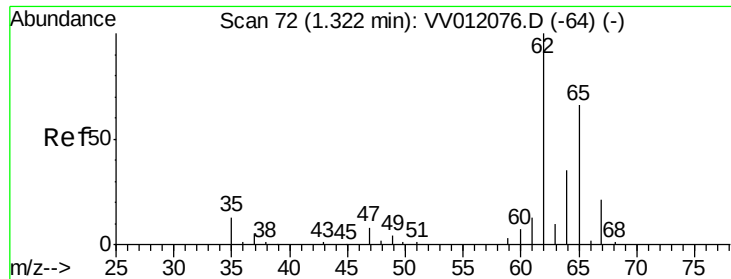
52 33.2 23.7 43.9



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: 10.538 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

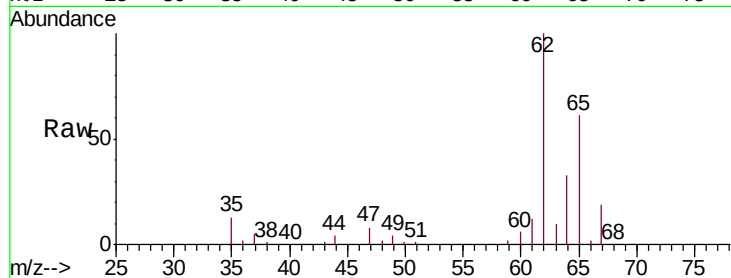
VSTD01036

Tgt Ion: 62 Resp: 73189

Ion Ratio Lower Upper

62 100

64 33.5 24.3 45.1



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

Ion 64.10 (63.80 to 64.80): VV012076.D (-64) (-)

1.32

80000

60000

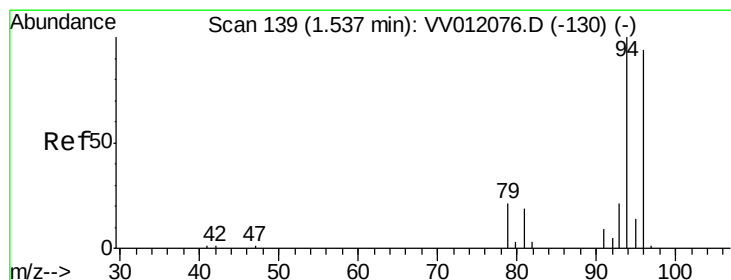
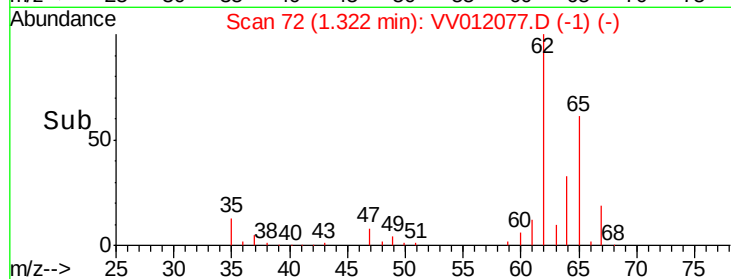
40000

20000

0

1.30 1.35 1.40

Time-->



#6

Bromomethane

Concen: 11.190 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV012077.D

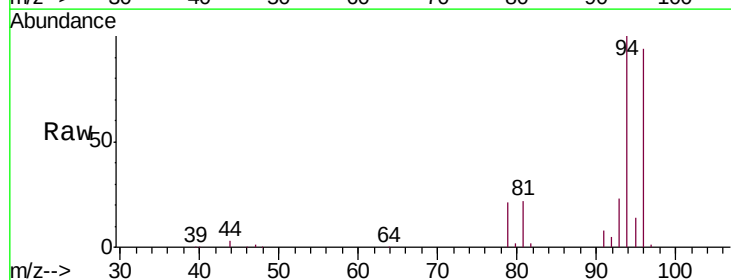
Acq: 30 Jul 2019 18:28

Tgt Ion: 94 Resp: 46516

Ion Ratio Lower Upper

94 100

96 93.6 65.6 121.8



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

Ion 96.00 (95.70 to 96.70): VV012076.D (-130) (-)

1.54

40000

30000

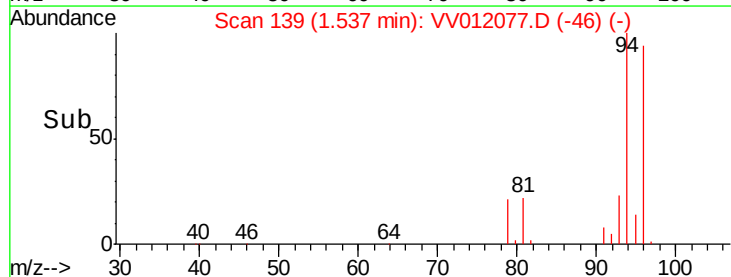
20000

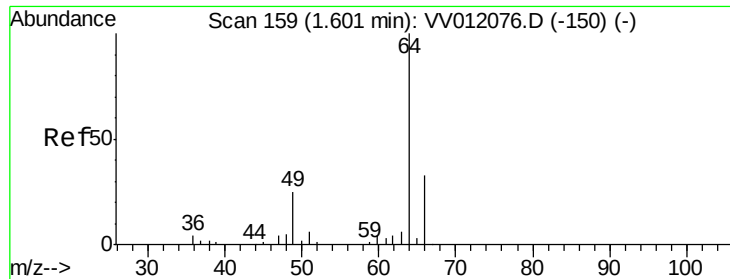
10000

0

1.50 1.55 1.60 1.65

Time-->





#8

Chloroethane

Concen: 9.644 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

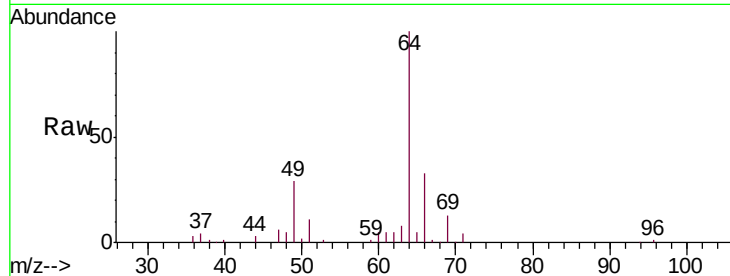
VSTD01036

Tgt Ion: 64 Resp: 39440

Ion Ratio Lower Upper

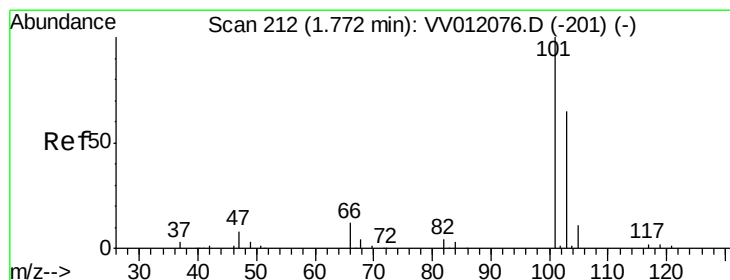
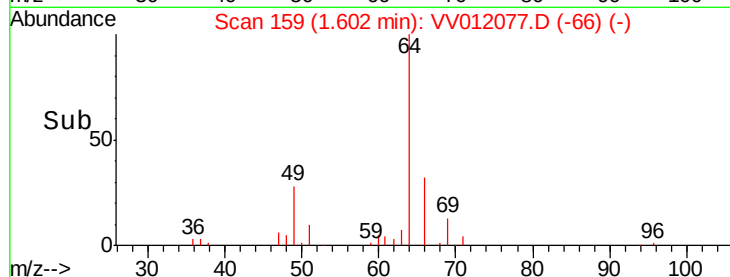
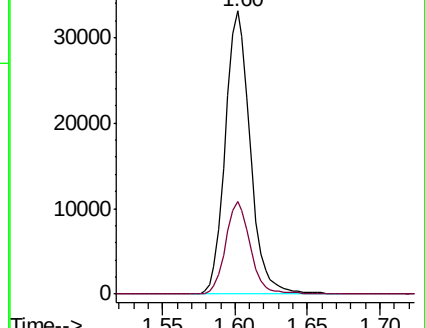
64 100

66 32.6 23.1 42.9



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

Ion 66.05 (65.75 to 66.75): VV012077.D (-66) (-)



#9

Trichlorofluoromethane

Concen: 11.118 ug/L

RT: 1.77 min Scan# 211

Delta R.T. -0.00 min

Lab File: VV012077.D

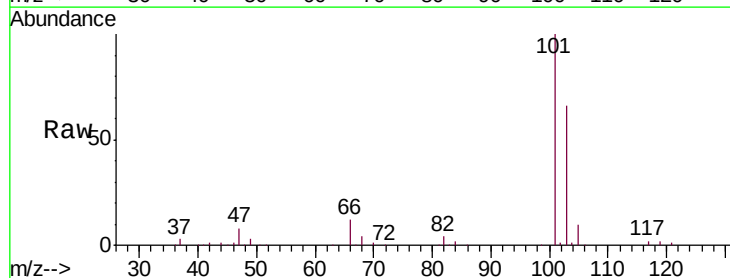
Acq: 30 Jul 2019 18:28

Tgt Ion: 101 Resp: 144977

Ion Ratio Lower Upper

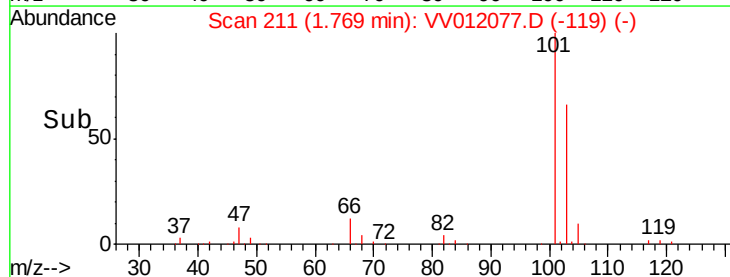
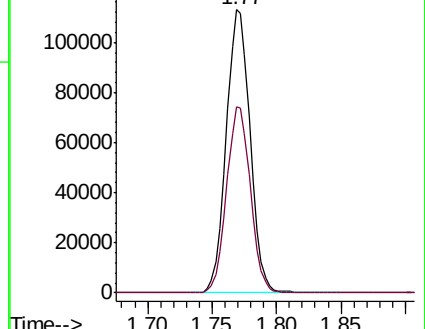
101 100

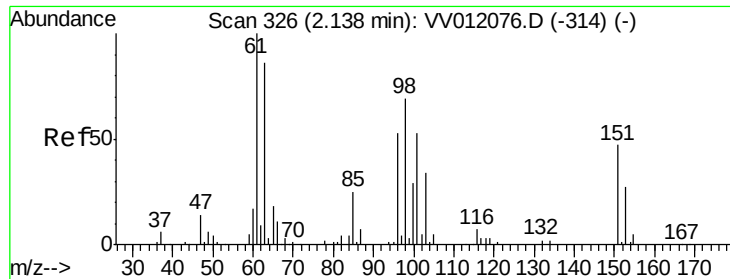
103 65.8 51.3 76.9



Abundance Ion 101.00 (100.70 to 101.70): VV012076.D (-201) (-)

Ion 103.00 (102.70 to 103.70): VV012077.D (-119) (-)





#10

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

Concen: 10.540 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD01036

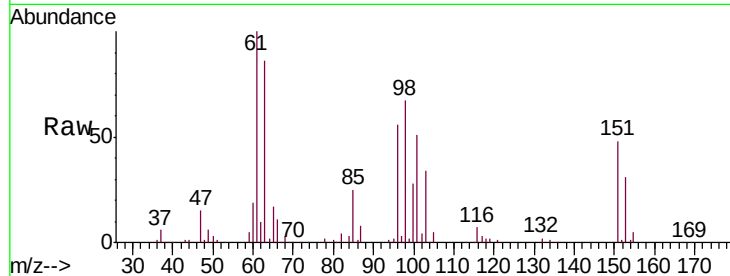
Tgt Ion:101 Resp: 61646

Ion Ratio Lower Upper

101 100

85 45.9 37.4 56.2

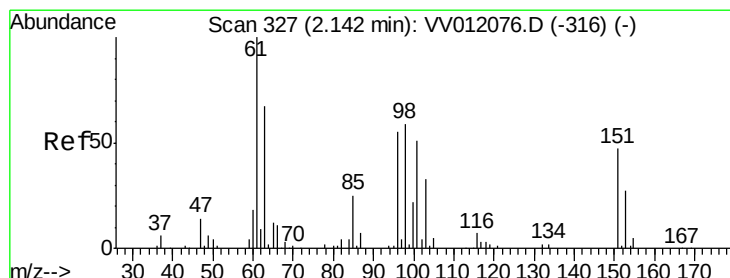
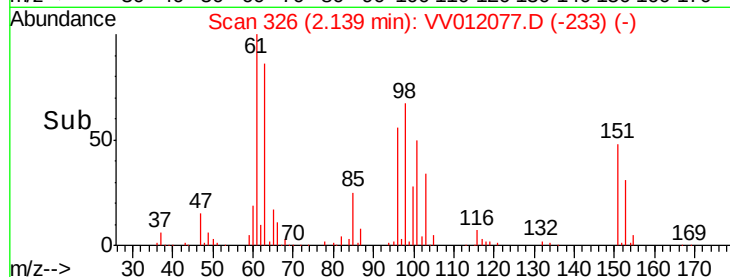
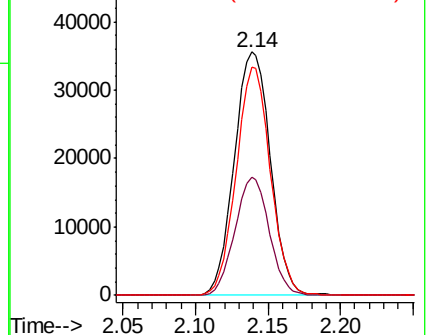
151 88.7 69.1 103.7



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: 10.821 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

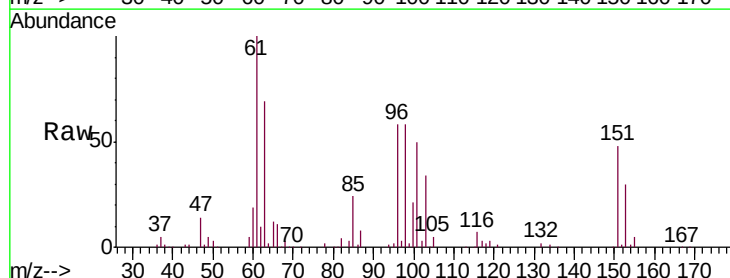
Tgt Ion: 96 Resp: 56516

Ion Ratio Lower Upper

96 100

61 173.1 126.9 235.7

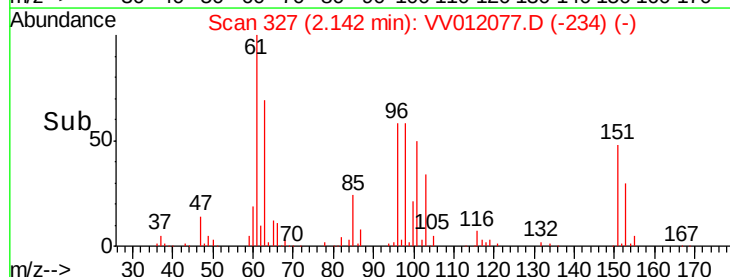
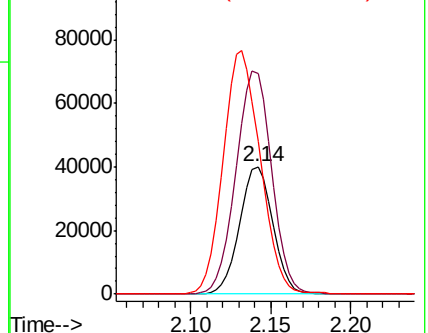
63 120.0 87.6 162.8

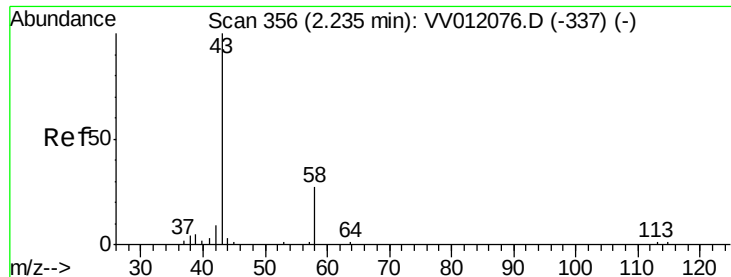


Abundance Ion 96.00 (95.70 to 96.70): VV012076.D (-316) (-)

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: 94.225 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

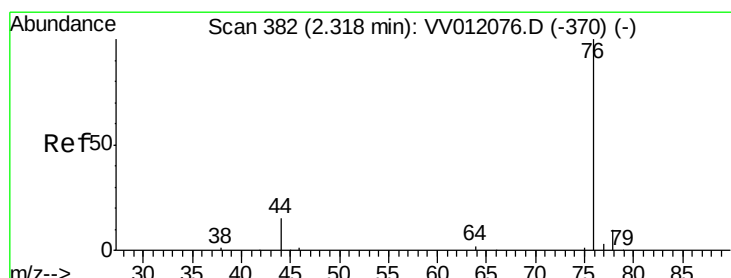
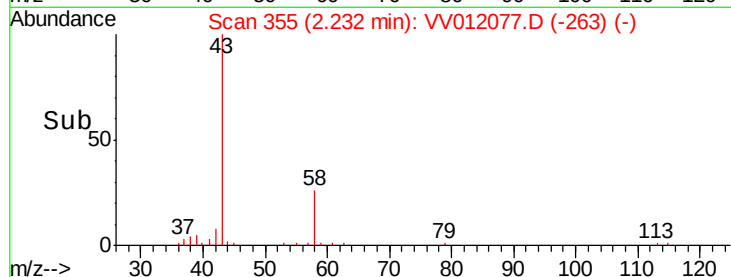
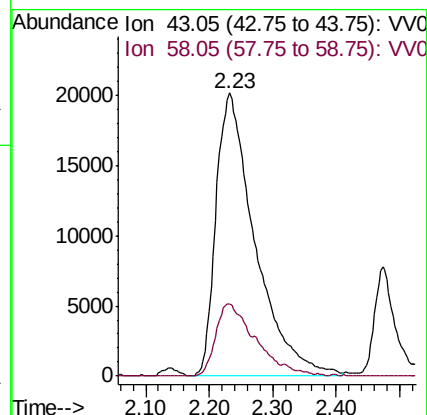
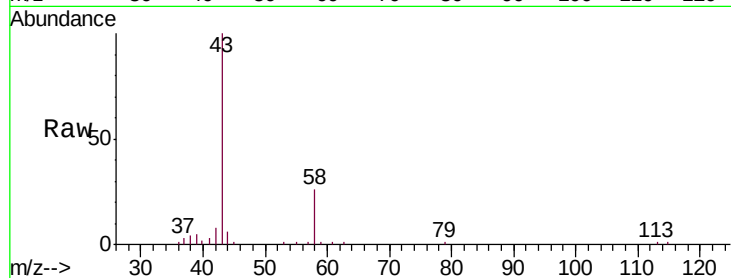
VSTD01036

Tgt Ion: 43 Resp: 86028

Ion Ratio Lower Upper

43 100

58 24.6 0.0 51.0



#14

Carbon disulfide

Concen: 10.755 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VV012077.D

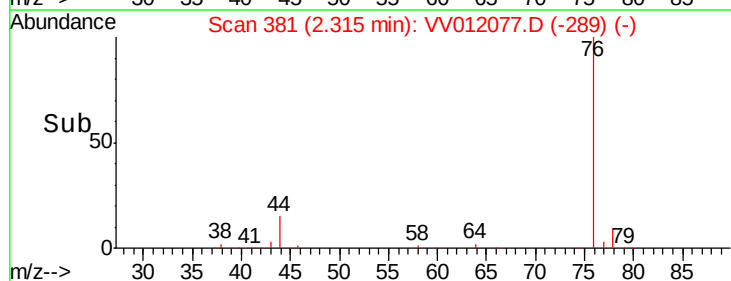
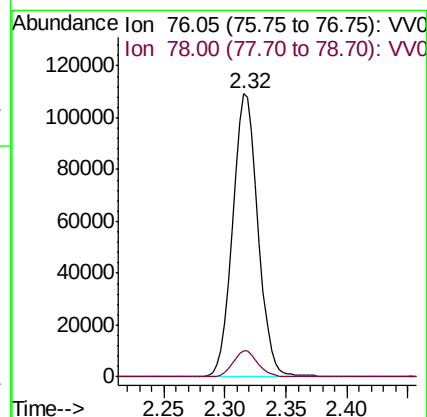
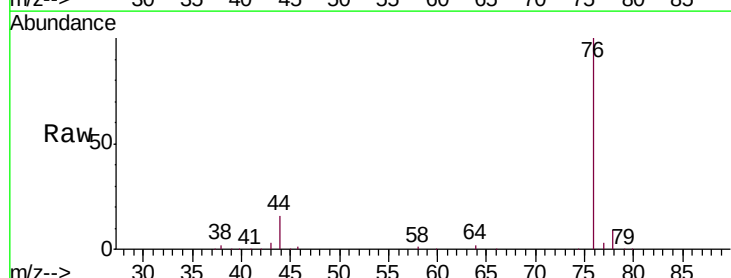
Acq: 30 Jul 2019 18:28

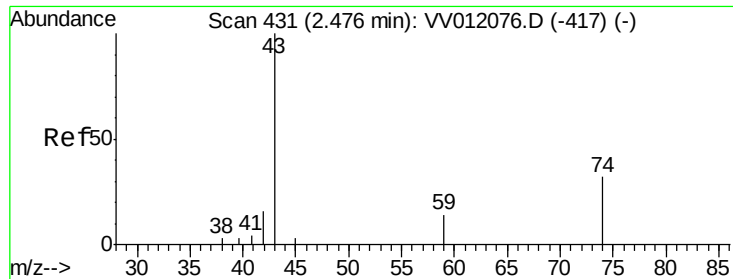
Tgt Ion: 76 Resp: 158928

Ion Ratio Lower Upper

76 100

78 9.2 7.9 11.9

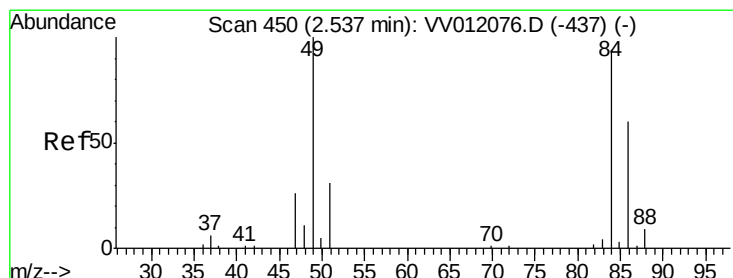
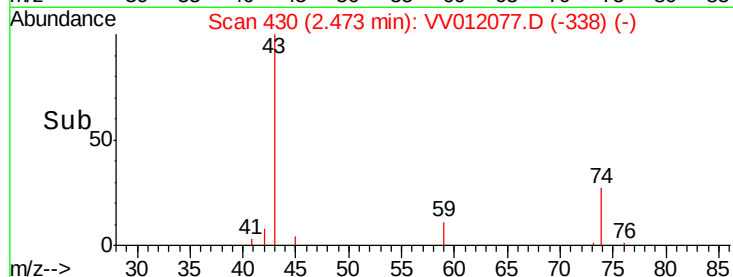
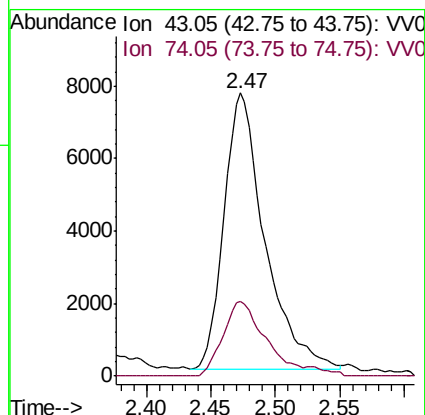
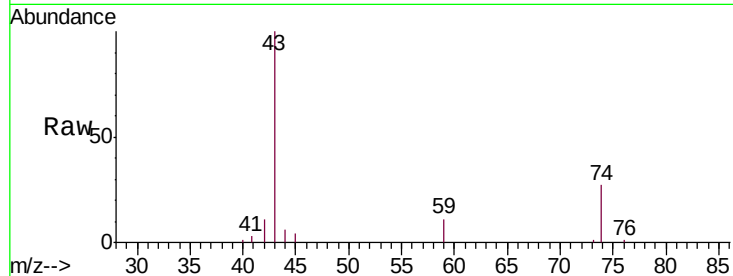




#15
Methyl Acetate
Concen: 8.259 ug/L
RT: 2.47 min Scan# 430
Delta R.T. -0.00 min
Lab File: VV012077.D
Acq: 30 Jul 2019 18:28

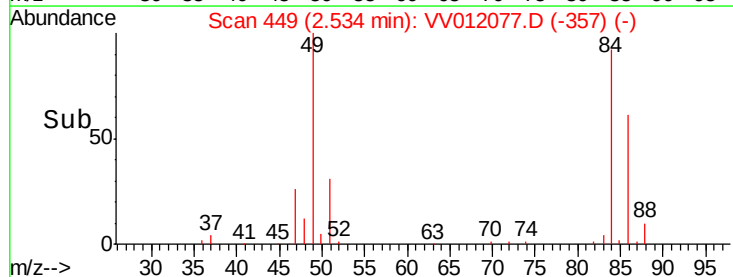
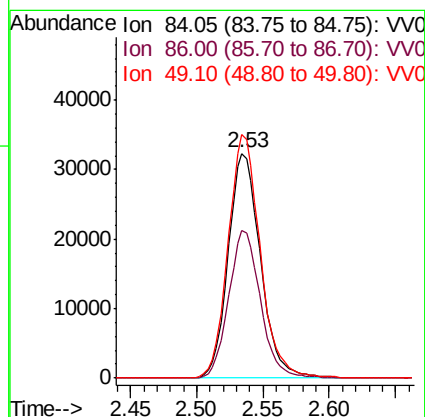
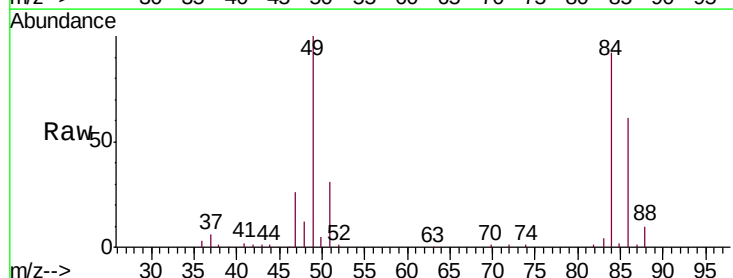
Instrument :
MSVOA_V
ClientSampleId :
VSTD01036

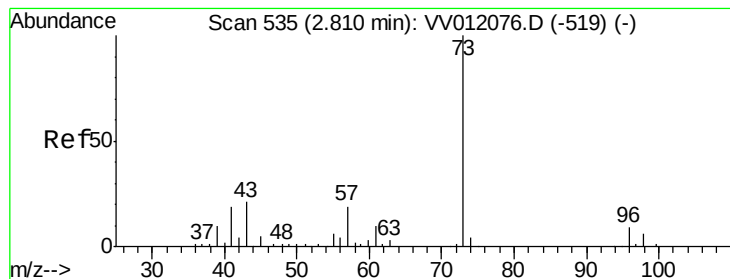
Tgt Ion: 43 Resp: 16683
Ion Ratio Lower Upper
43 100
74 28.0 23.4 35.0



#16
Methylene chloride
Concen: 9.289 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV012077.D
Acq: 30 Jul 2019 18:28

Tgt Ion: 84 Resp: 54697
Ion Ratio Lower Upper
84 100
86 65.9 45.0 83.6
49 108.4 74.4 138.2





#17

Methyl tert-butyl Ether

Concen: 10.786 ug/L

RT: 2.81 min Scan# 535

Delta R.T. 0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD01036

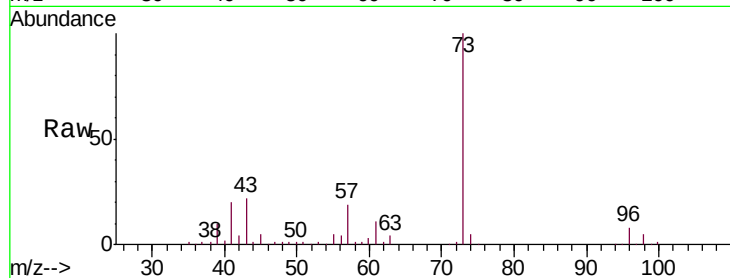
Tgt Ion: 73 Resp: 191338

Ion Ratio Lower Upper

73 100

43 21.9 17.2 25.8

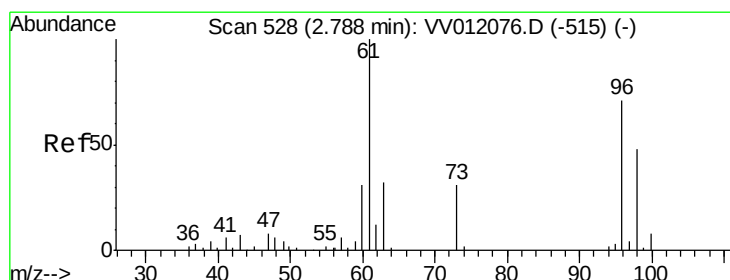
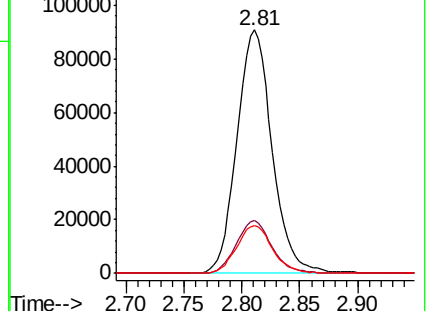
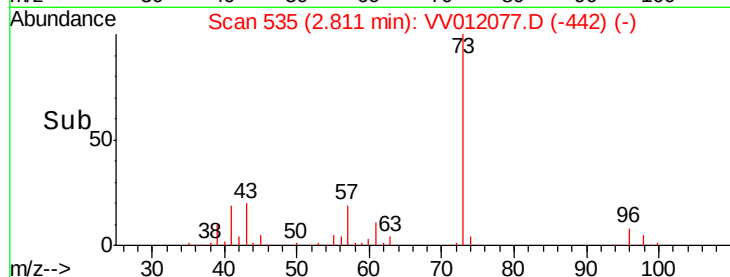
57 20.0 15.1 22.7



Abundance Ion 73.10 (72.80 to 73.80): VV012077.D (-442) (-)

Ion 43.05 (42.75 to 43.75): VV012077.D (-442) (-)

Ion 57.10 (56.80 to 57.80): VV012077.D (-442) (-)



#18

trans-1,2-Dichloroethene

Concen: 10.518 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

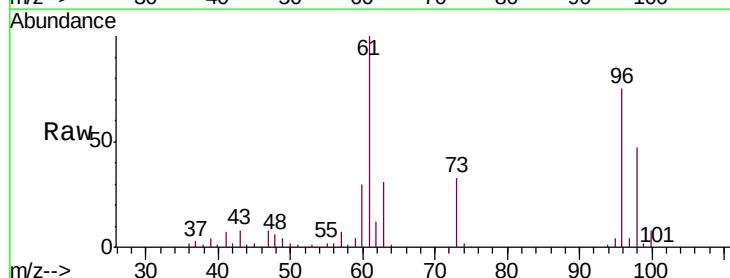
Tgt Ion: 96 Resp: 84594

Ion Ratio Lower Upper

96 100

61 133.0 99.0 184.0

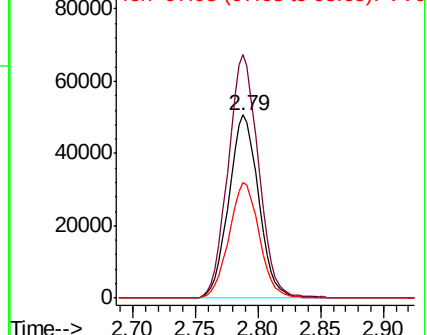
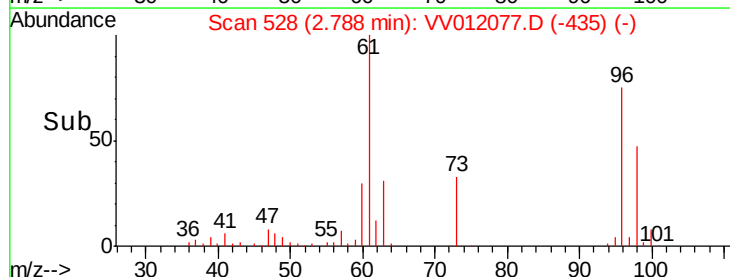
98 62.9 47.9 88.9

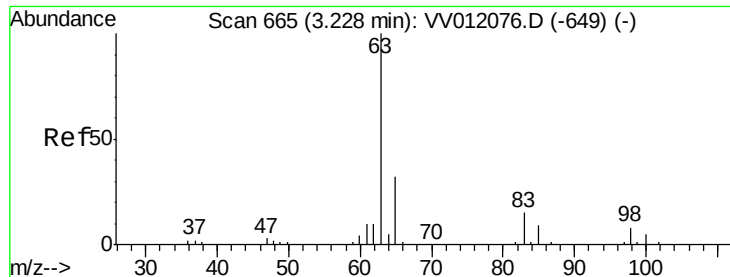


Abundance Ion 96.00 (95.70 to 96.70): VV012077.D (-435) (-)

Ion 61.05 (60.75 to 61.75): VV012077.D (-435) (-)

Ion 97.95 (97.65 to 98.65): VV012077.D (-435) (-)

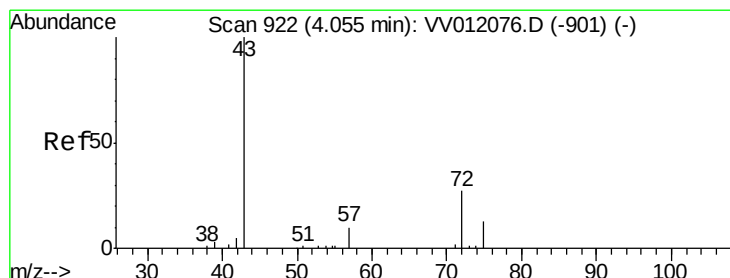
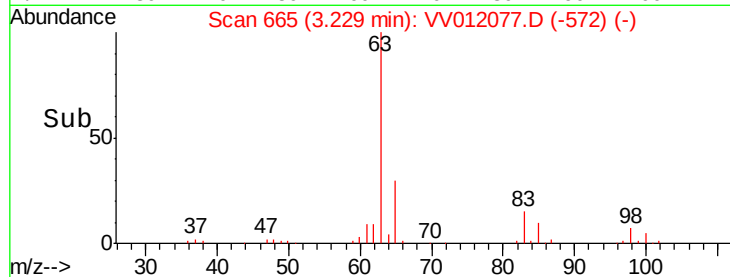
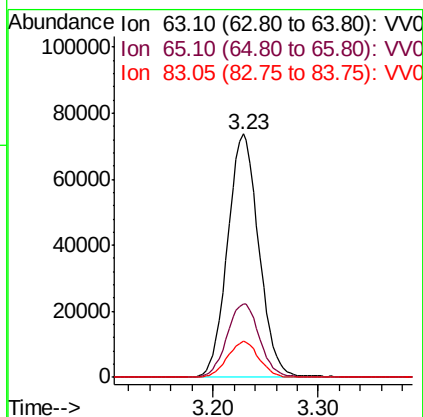
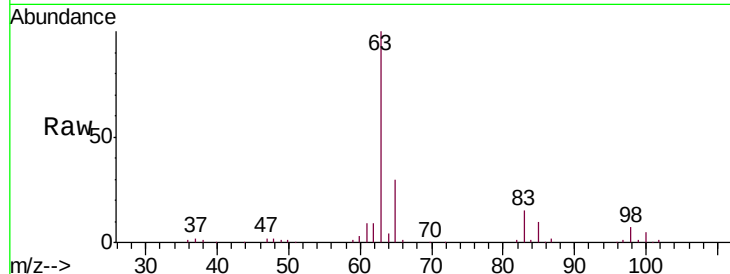




#19
 1,1-Dichloroethane
 Concen: 10.650 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VV012077.D
 Acq: 30 Jul 2019 18:28

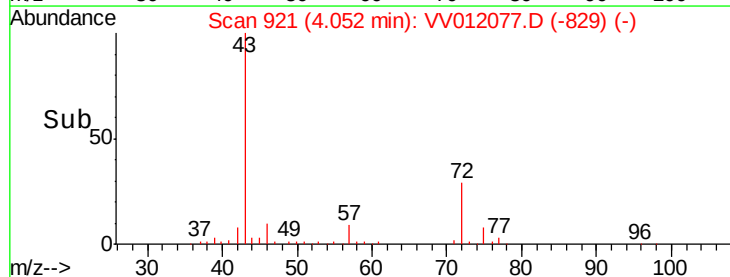
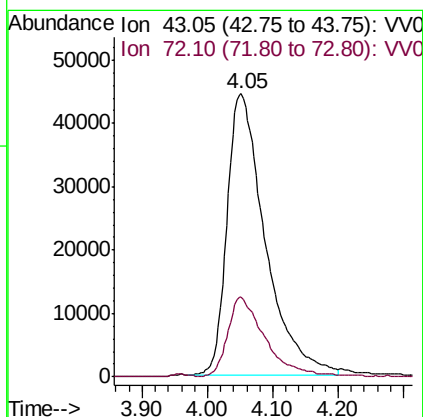
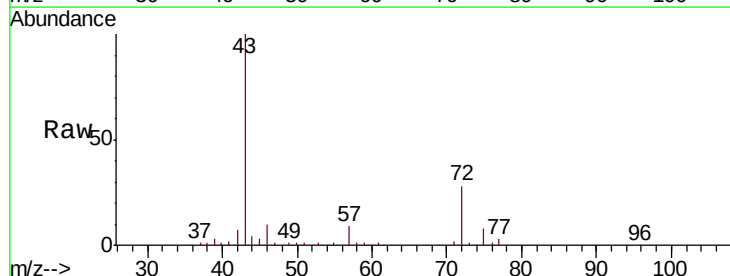
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01036

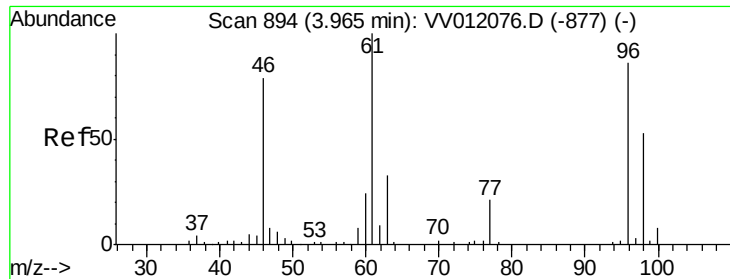
Tgt Ion: 63 Resp: 151539
 Ion Ratio Lower Upper
 63 100
 65 30.4 22.3 41.3
 83 14.6 10.4 19.2



#21
 2-Butanone
 Concen: 102.928 ug/L
 RT: 4.05 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VV012077.D
 Acq: 30 Jul 2019 18:28

Tgt Ion: 43 Resp: 179663
 Ion Ratio Lower Upper
 43 100
 72 26.9 14.0 42.0



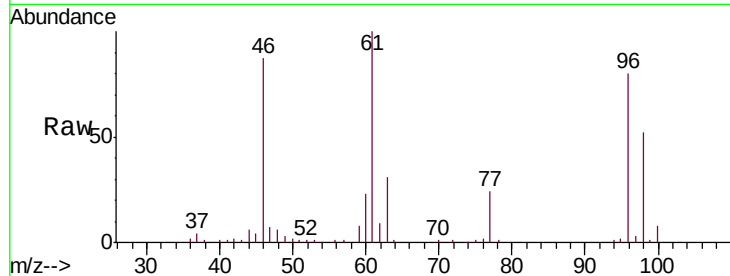


#22

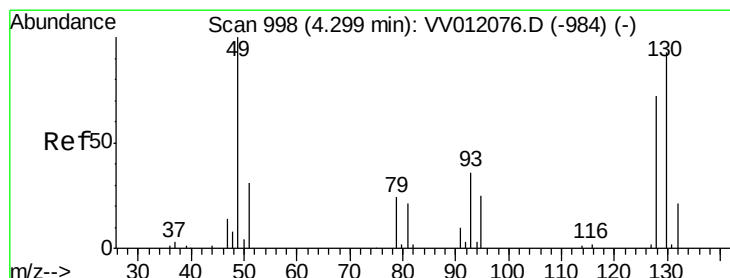
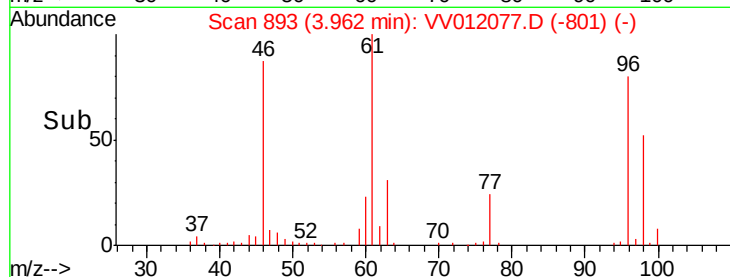
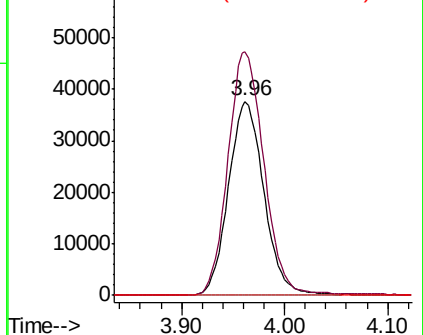
cis-1,2-Dichloroethene
 Concen: 10.382 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: VV012077.D
 Acq: 30 Jul 2019 18:28

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01036

Tgt Ion: 96 Resp: 90038
 Ion Ratio Lower Upper
 96 100
 61 125.7 81.5 151.5
 68 0.0 0.0 0.0



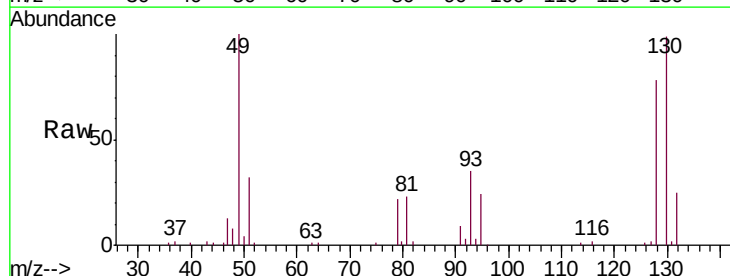
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



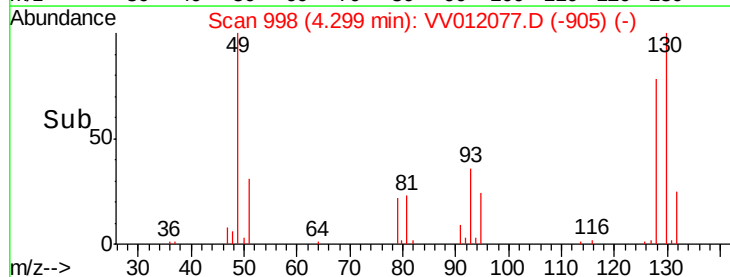
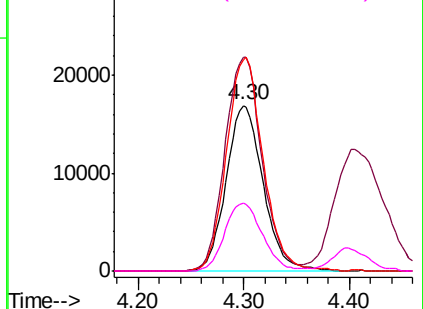
#23

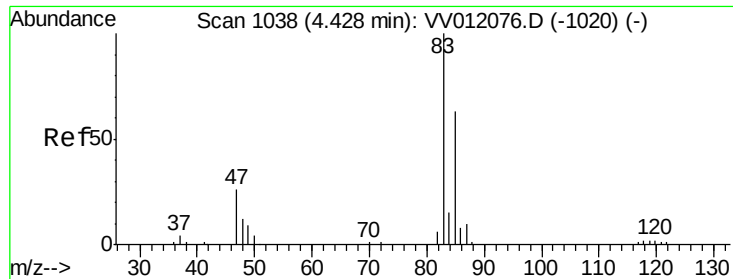
Bromochloromethane
 Concen: 11.379 ug/L
 RT: 4.30 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: VV012077.D
 Acq: 30 Jul 2019 18:28

Tgt Ion: 128 Resp: 41066
 Ion Ratio Lower Upper
 128 100
 49 128.9 97.9 181.7
 130 127.7 90.9 168.9
 51 40.8 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

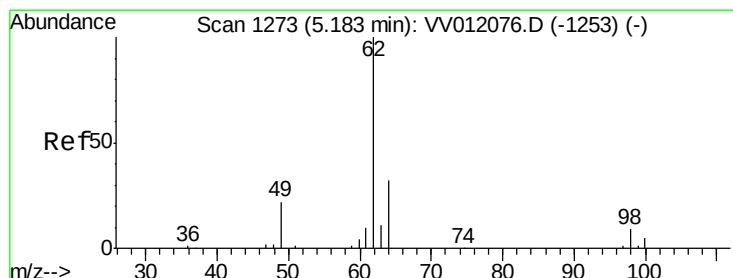
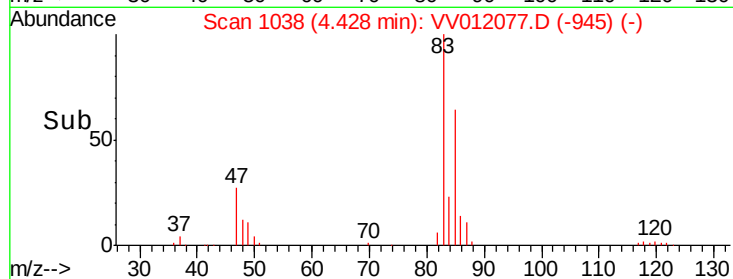
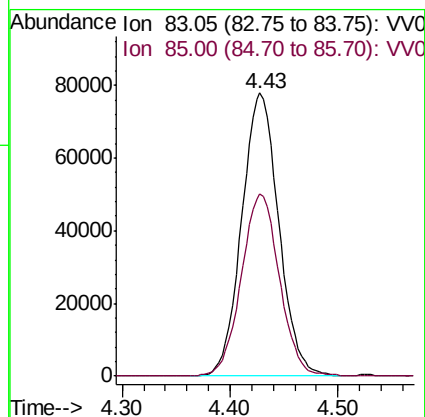
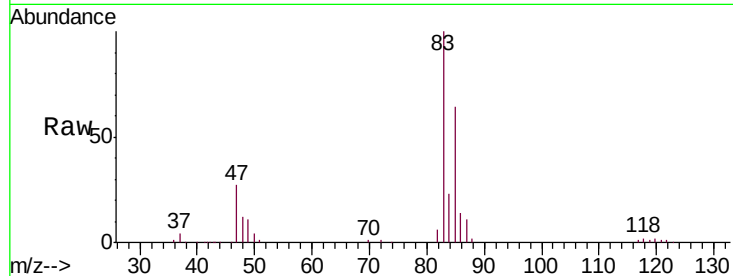




#25
Chloroform
Concen: 10.618 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012077.D
Acq: 30 Jul 2019 18:28

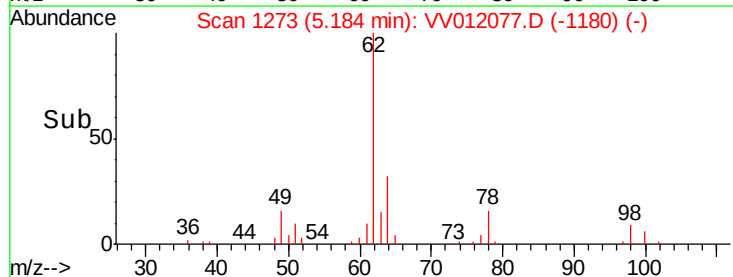
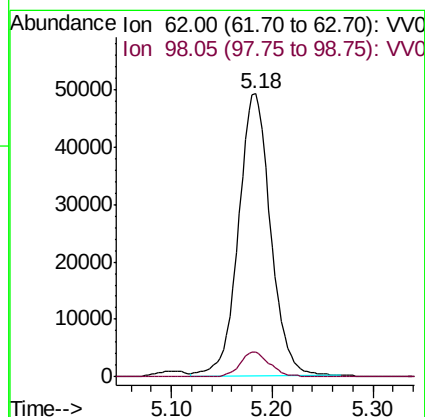
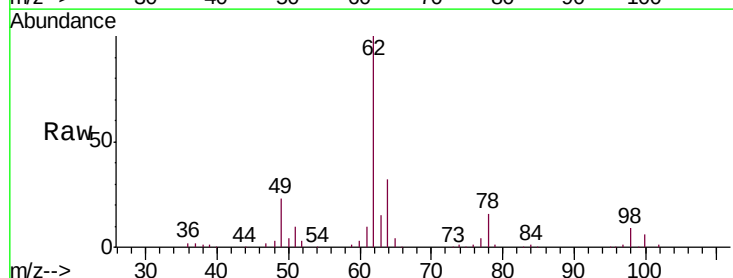
Instrument :
MSVOA_V
ClientSampleId :
VSTD01036

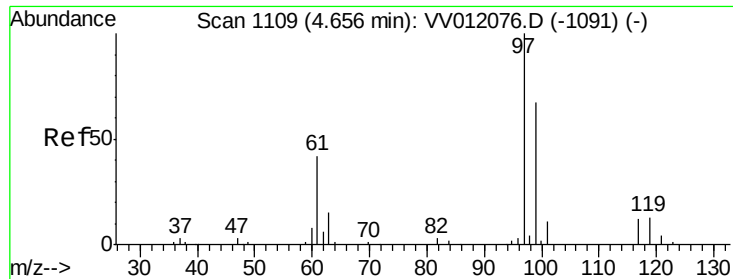
Tgt Ion: 83 Resp: 185718
Ion Ratio Lower Upper
83 100
85 64.5 44.7 83.1



#27
1,2-Dichloroethane
Concen: 11.165 ug/L
RT: 5.18 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VV012077.D
Acq: 30 Jul 2019 18:28

Tgt Ion: 62 Resp: 108245
Ion Ratio Lower Upper
62 100
98 8.6 7.3 10.9

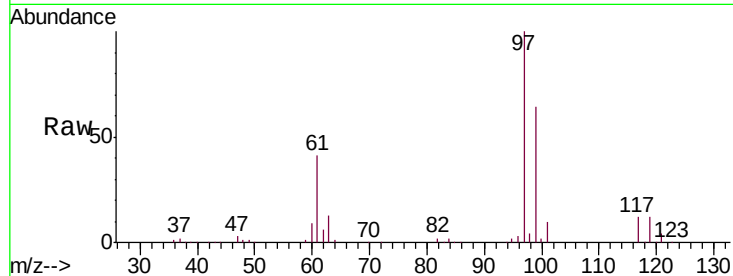




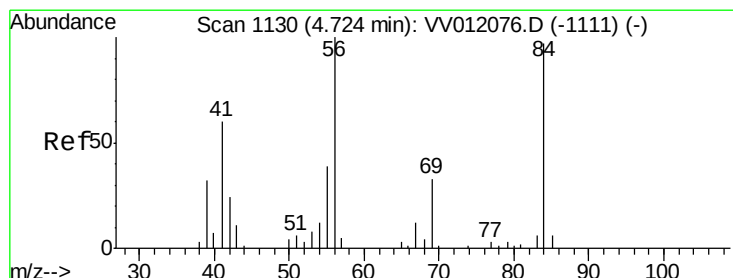
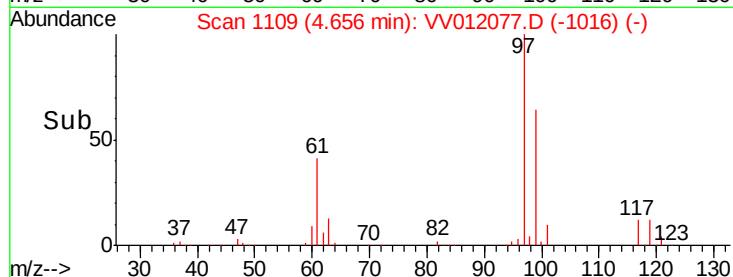
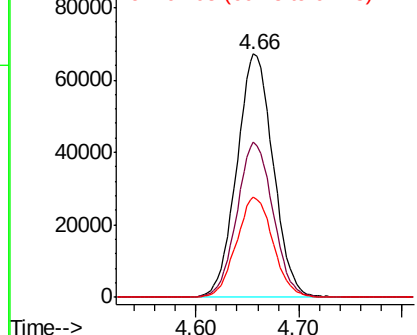
#29
 1,1,1-Trichloroethane
 Concen: 11.678 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: VV012077.D
 Acq: 30 Jul 2019 18:28

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01036

Tgt Ion: 97 Resp: 164506
 Ion Ratio Lower Upper
 97 100
 99 63.3 51.7 77.5
 61 41.6 34.2 51.2

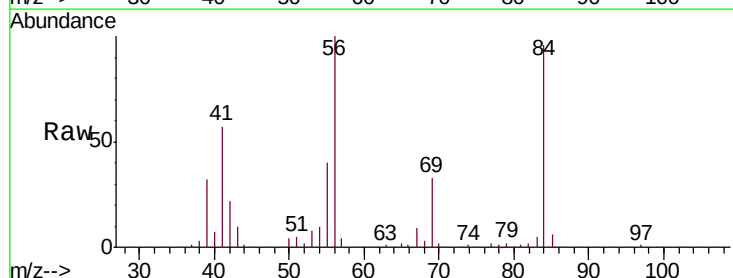


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

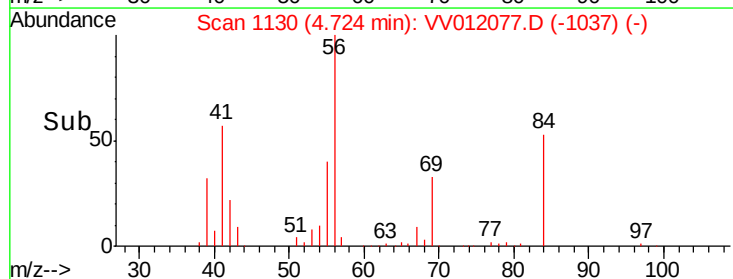
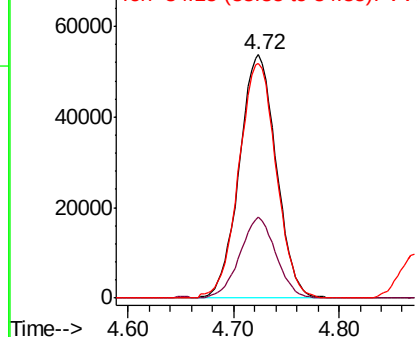


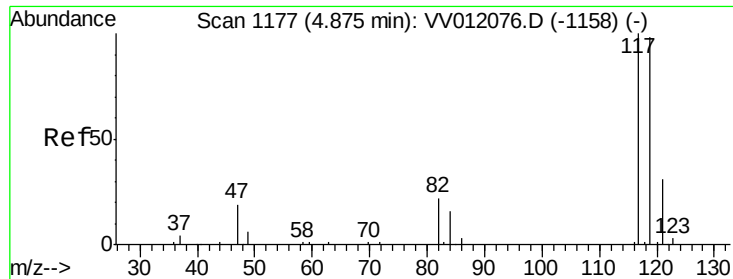
#30
 Cyclohexane
 Concen: 10.137 ug/L
 RT: 4.72 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: VV012077.D
 Acq: 30 Jul 2019 18:28

Tgt Ion: 56 Resp: 130753
 Ion Ratio Lower Upper
 56 100
 69 32.3 26.0 39.0
 84 97.6 79.9 119.9



Abundance Ion 56.10 (55.80 to 56.80): VV0
 Ion 69.15 (68.85 to 69.85): VV0
 Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 11.857 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

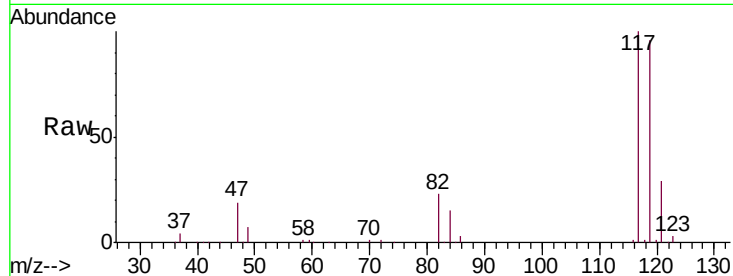
VSTD01036

Tgt Ion:117 Resp: 150864

Ion Ratio Lower Upper

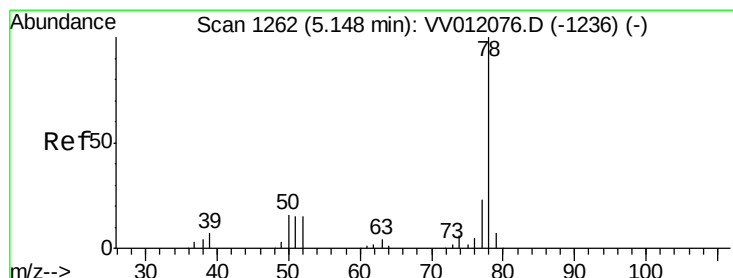
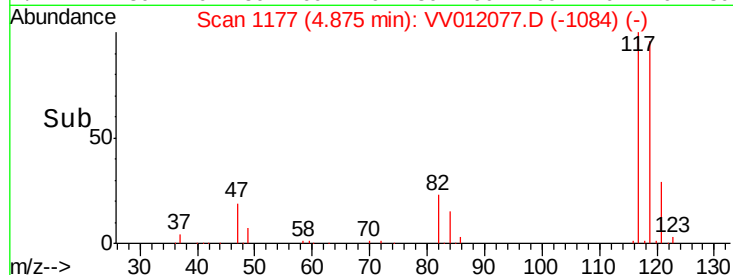
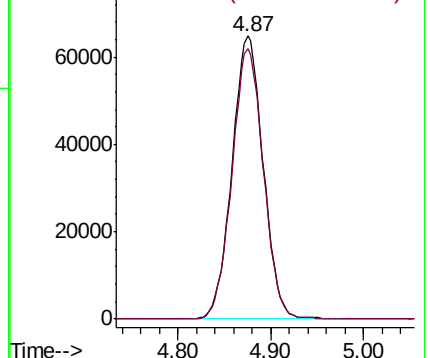
117 100

119 96.3 77.7 116.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 10.727 ug/L

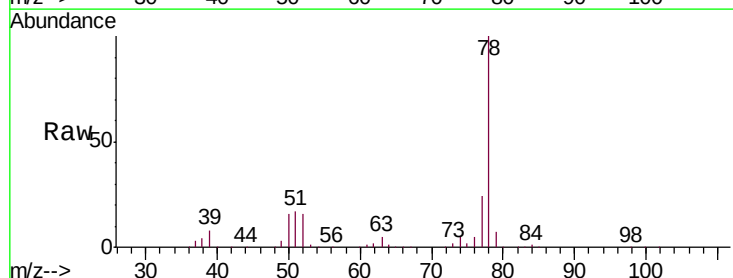
RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

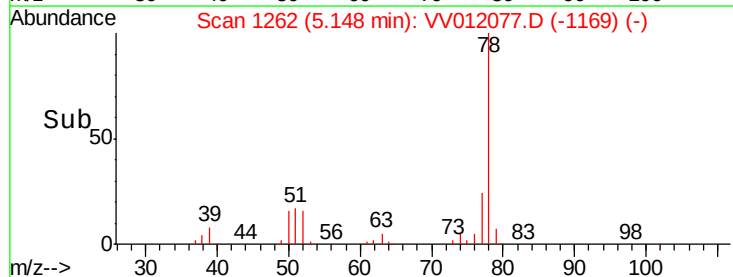
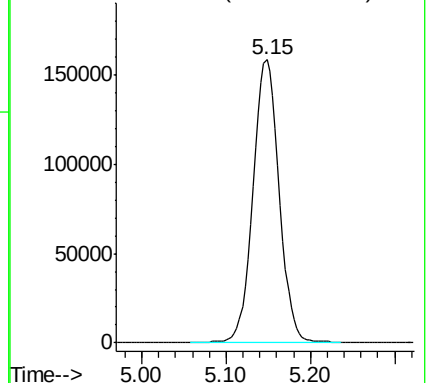
Lab File: VV012077.D

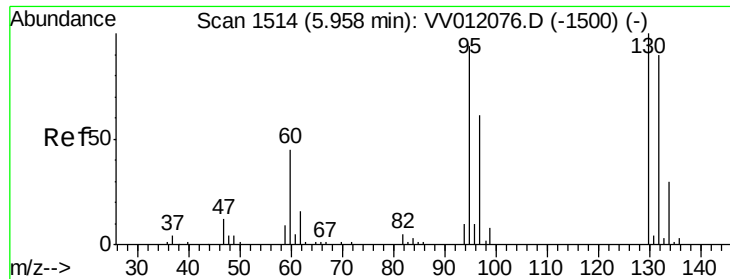
Acq: 30 Jul 2019 18:28

Tgt Ion: 78 Resp: 340871



Abundance Ion 78.10 (77.80 to 78.80): VV0

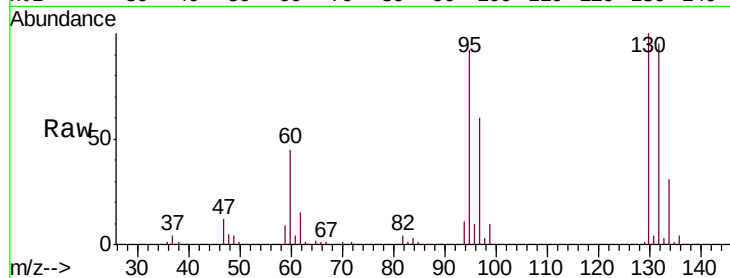




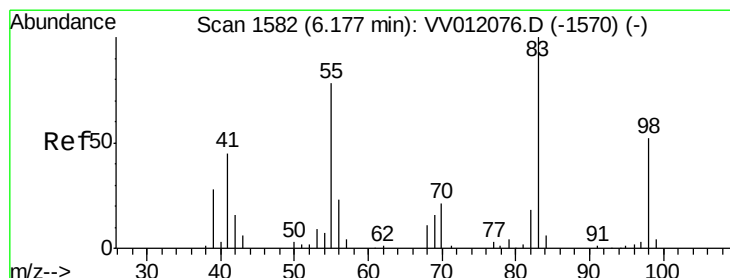
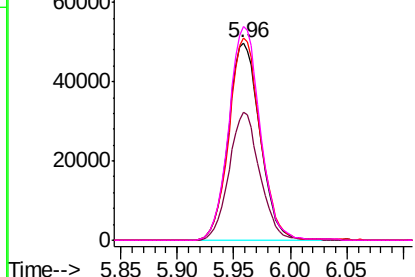
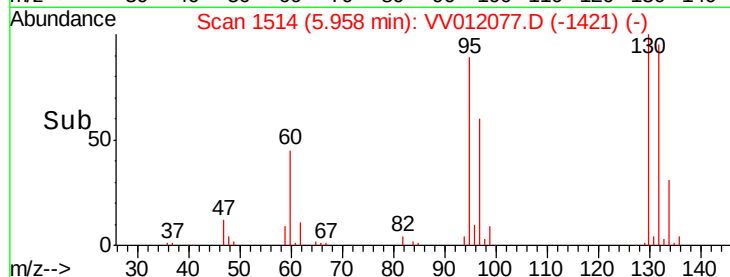
#34
 Trichloroethene
 Concen: 10.900 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV012077.D
 Acq: 30 Jul 2019 18:28

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01036

Tgt Ion: 95 Resp: 97010
 Ion Ratio Lower Upper
 95 100
 97 65.1 45.4 84.2
 132 102.4 67.0 124.4
 130 108.3 74.3 137.9

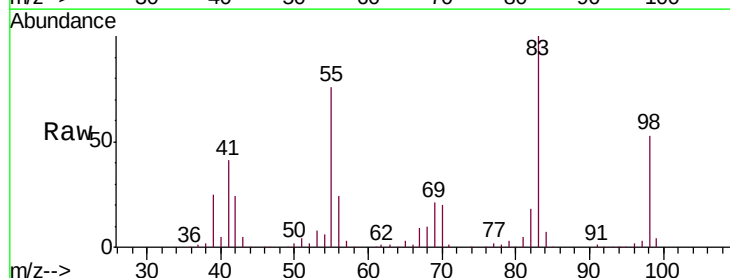


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

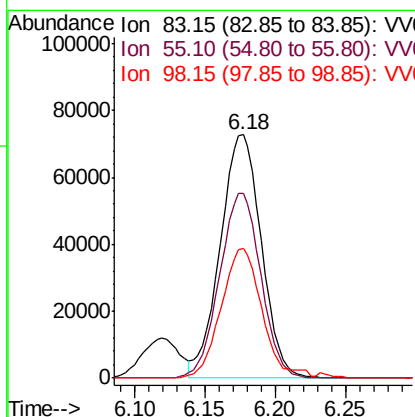
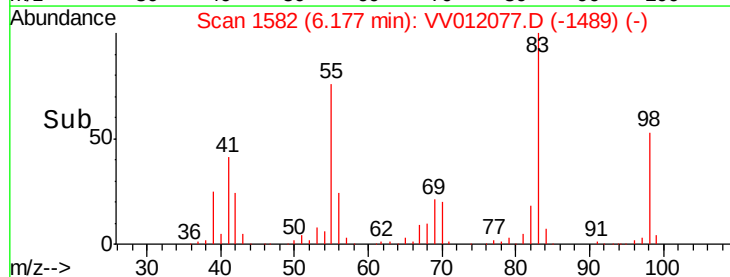


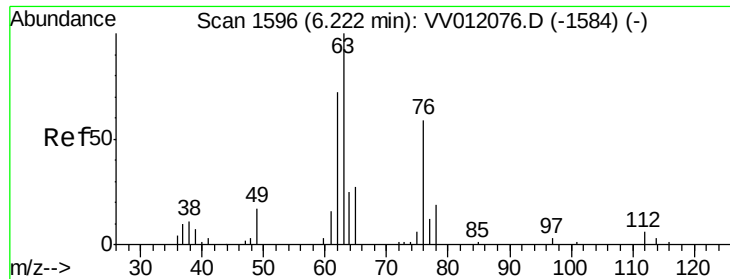
#35
 Methylcyclohexane
 Concen: 10.761 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: VV012077.D
 Acq: 30 Jul 2019 18:28

Tgt Ion: 83 Resp: 148229
 Ion Ratio Lower Upper
 83 100
 55 76.0 59.9 89.9
 98 51.9 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

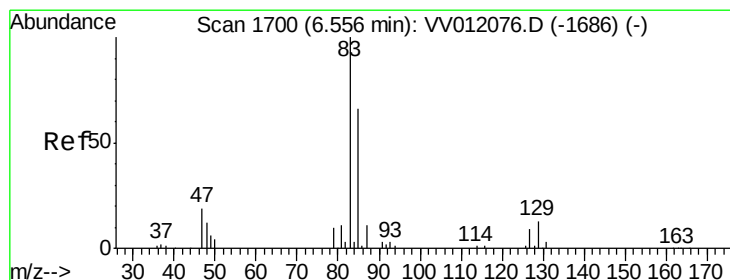
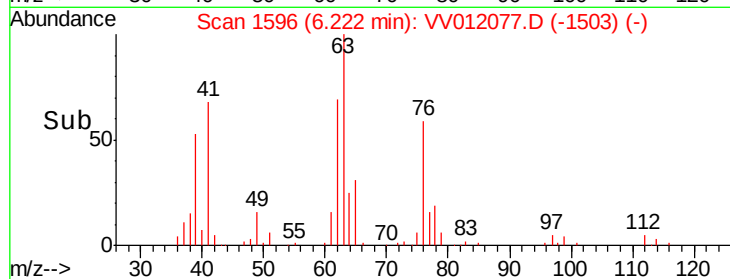
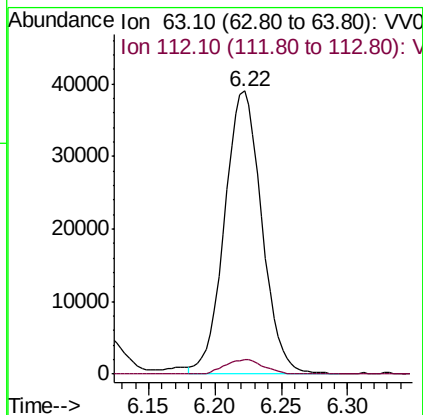
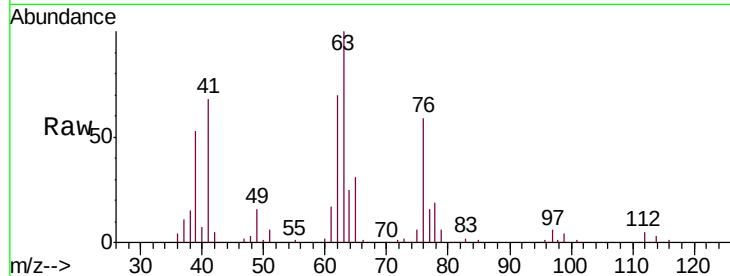




#37
 1,2-Dichloropropane
 Concen: 10.088 ug/L
 RT: 6.22 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: VV012077.D
 Acq: 30 Jul 2019 18:28

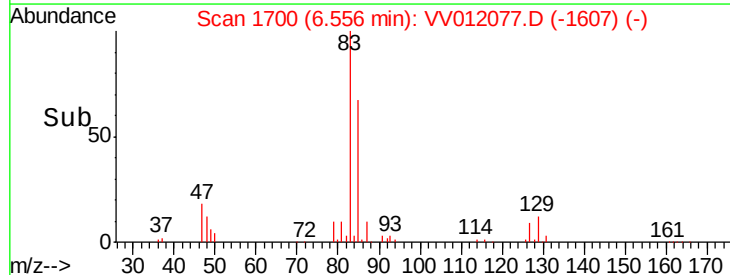
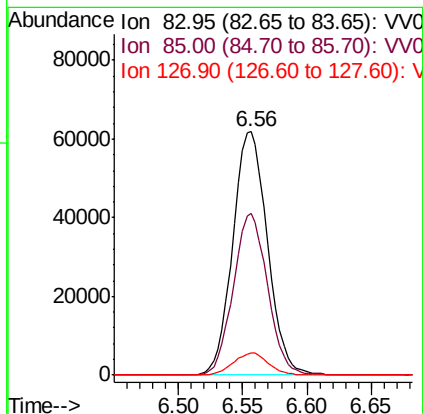
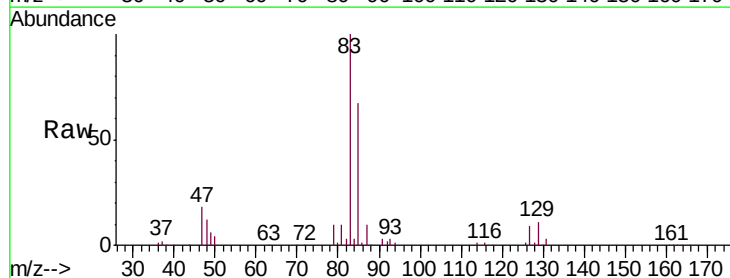
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01036

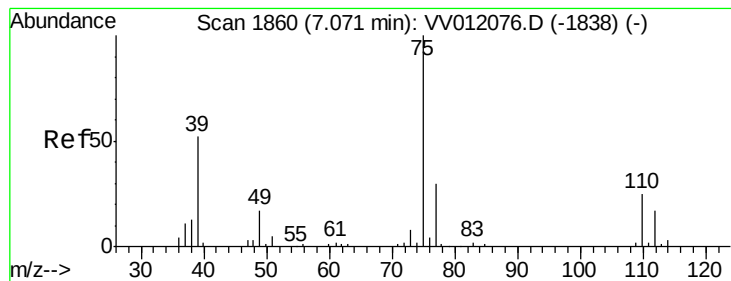
Tgt Ion: 63 Resp: 76385
 Ion Ratio Lower Upper
 63 100
 112 5.3 4.7 7.1



#38
 Bromodichloromethane
 Concen: 11.237 ug/L
 RT: 6.56 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VV012077.D
 Acq: 30 Jul 2019 18:28

Tgt Ion: 83 Resp: 115587
 Ion Ratio Lower Upper
 83 100
 85 66.7 46.2 85.8
 127 9.1 7.2 10.8



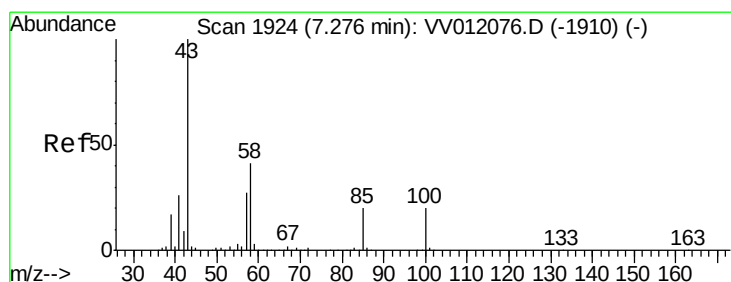
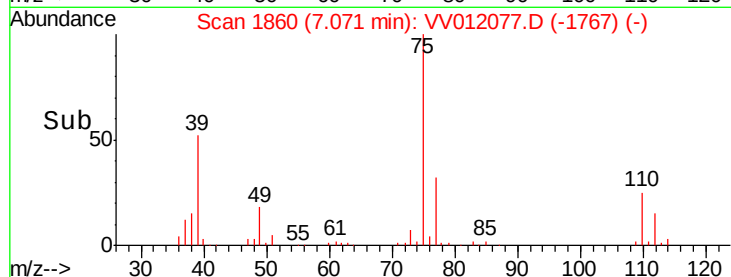
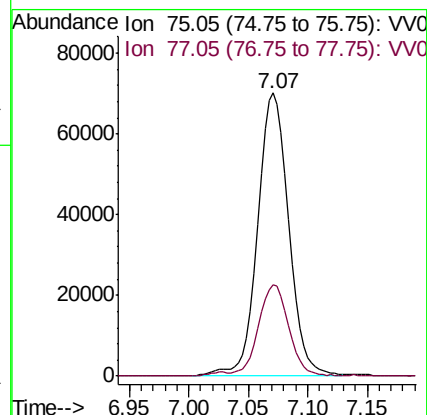
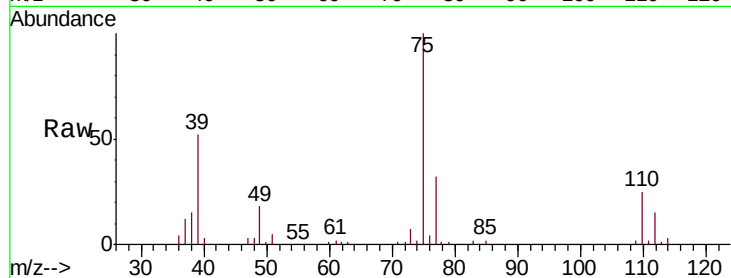


#39

cis-1,3-Dichloropropene
 Concen: 11.207 ug/L
 RT: 7.07 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VV012077.D
 Acq: 30 Jul 2019 18:28

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01036

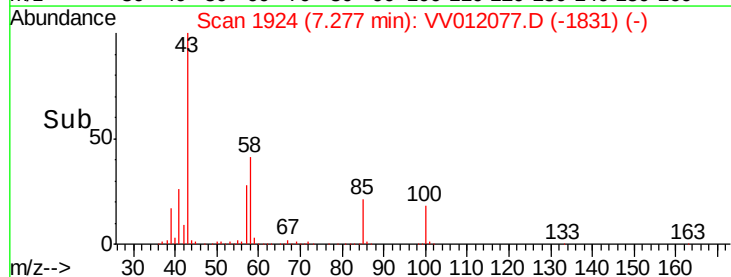
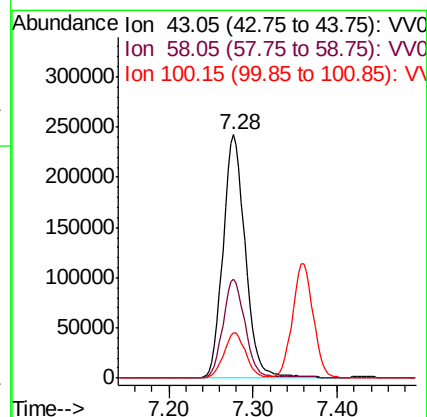
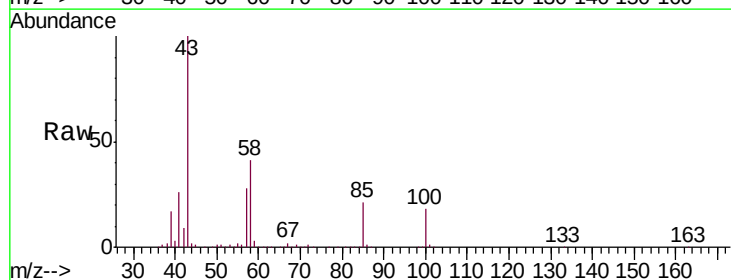
Tgt Ion: 75 Resp: 127039
 Ion Ratio Lower Upper
 75 100
 77 32.2 21.3 39.5

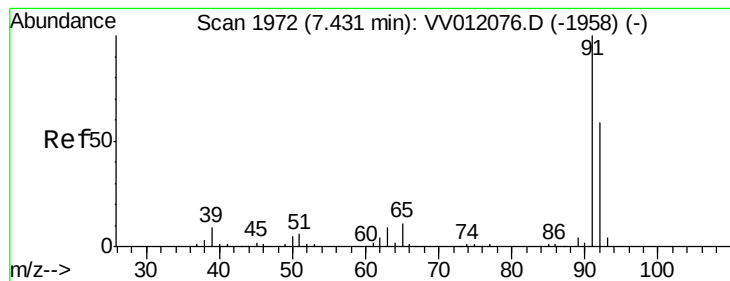


#40

4-Methyl-2-pentanone
 Concen: 106.402 ug/L
 RT: 7.28 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV012077.D
 Acq: 30 Jul 2019 18:28

Tgt Ion: 43 Resp: 445722
 Ion Ratio Lower Upper
 43 100
 58 40.2 31.8 47.6
 100 18.3 15.0 22.4





#42

Toluene

Concen: 11.144 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

Instrument :

MSVOA_V

ClientSampled :

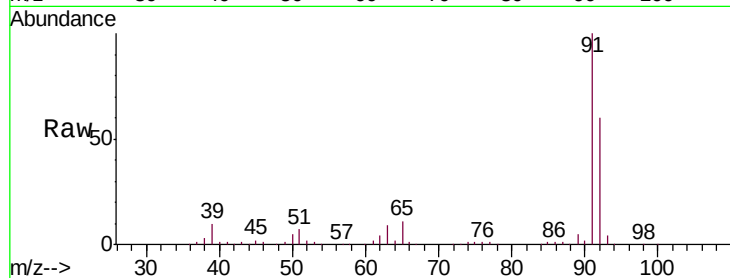
VSTD01036

Tgt Ion: 91 Resp: 381009

Ion Ratio Lower Upper

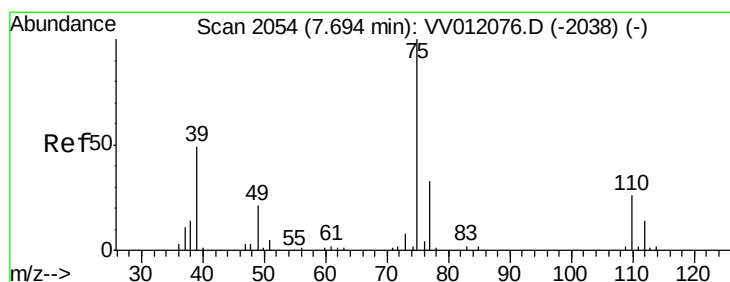
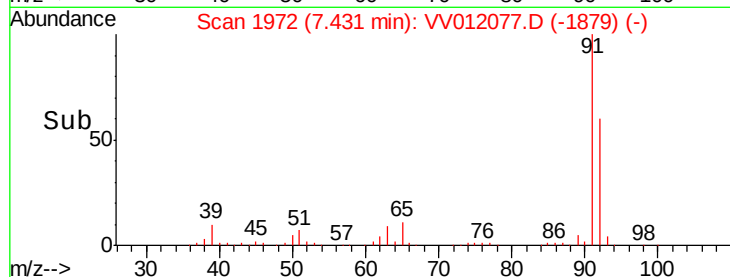
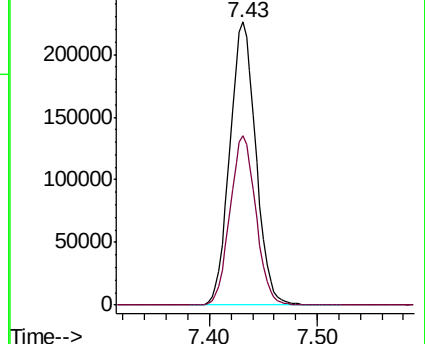
91 100

92 59.8 41.6 77.2



Abundance Ion 91.15 (90.85 to 91.85): VV012076.D (-1958) (-)

Ion 92.15 (91.85 to 92.85): VV012076.D (-1958) (-)



#44

trans-1,3-Dichloropropene

Concen: 11.348 ug/L

RT: 7.69 min Scan# 2054

Delta R.T. 0.00 min

Lab File: VV012077.D

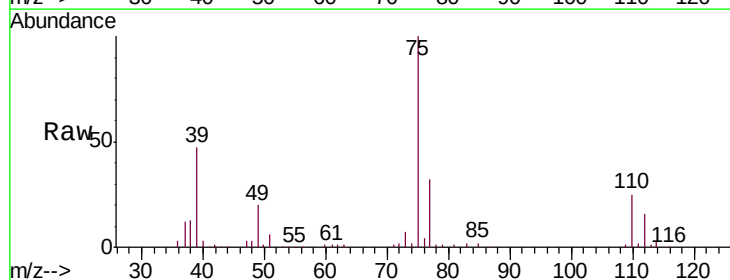
Acq: 30 Jul 2019 18:28

Tgt Ion: 75 Resp: 102633

Ion Ratio Lower Upper

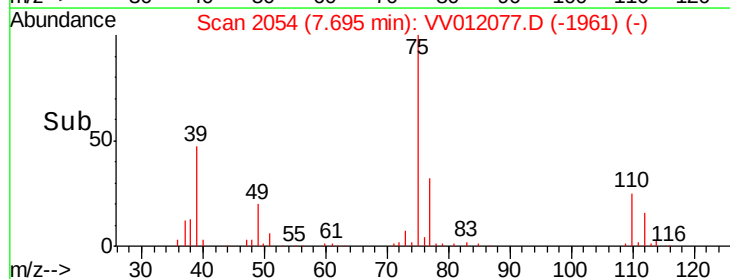
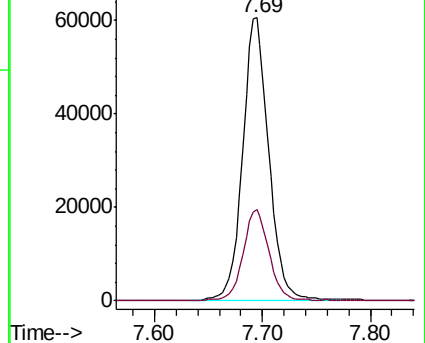
75 100

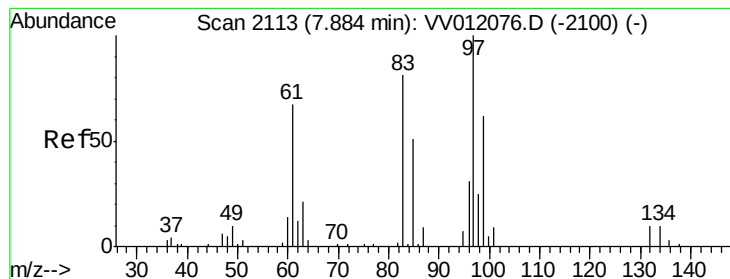
77 32.2 22.8 42.4



Abundance Ion 75.05 (74.75 to 75.75): VV012076.D (-2038) (-)

Ion 77.05 (76.75 to 77.75): VV012076.D (-2038) (-)





#45

1,1,2-Trichloroethane

Concen: 10.821 ug/L

RT: 7.88 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD01036

Tgt Ion: 97 Resp: 57291

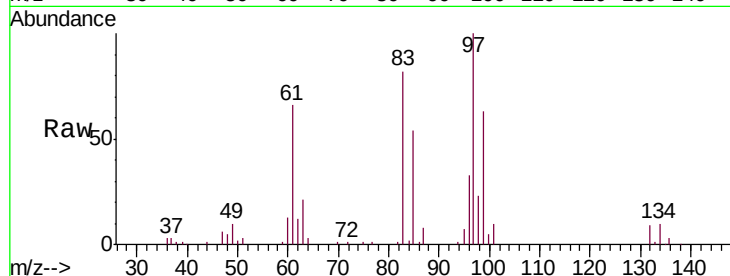
Ion Ratio Lower Upper

97 100

99 63.1 43.3 80.3

83 81.6 56.6 105.0

85 54.4 35.8 66.6

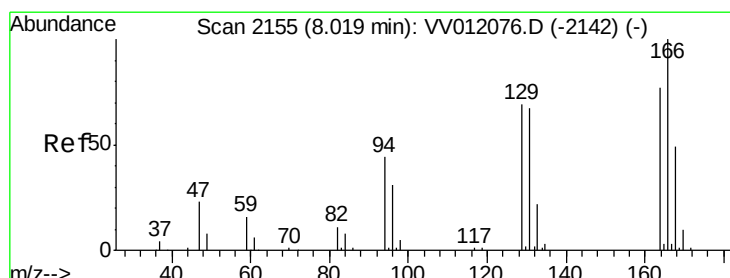
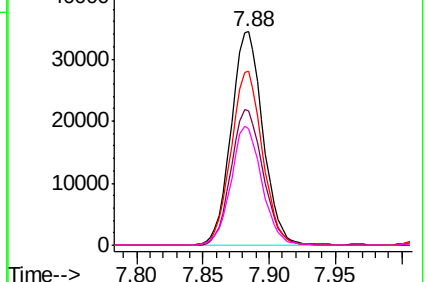
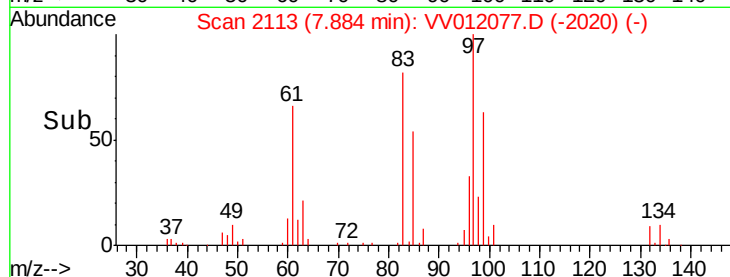


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47

Tetrachloroethene

Concen: 11.413 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

Tgt Ion: 164 Resp: 88629

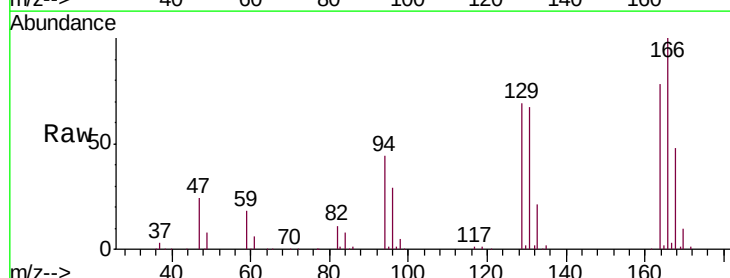
Ion Ratio Lower Upper

164 100

129 88.3 62.5 116.1

131 86.5 60.9 113.1

166 128.7 90.4 168.0

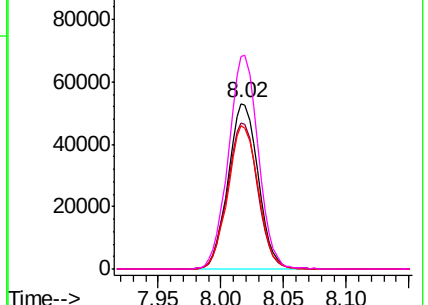
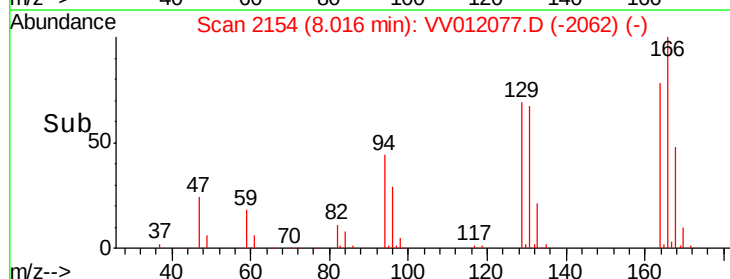


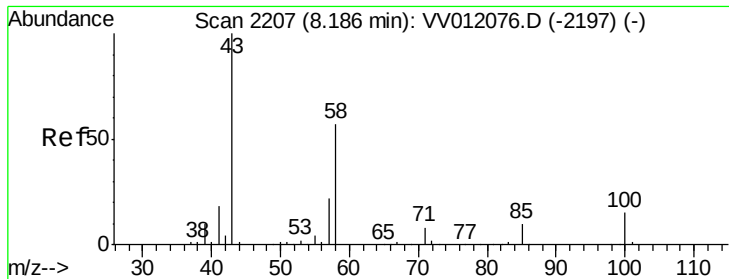
Abundance Ion 163.90 (163.60 to 164.60): V

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

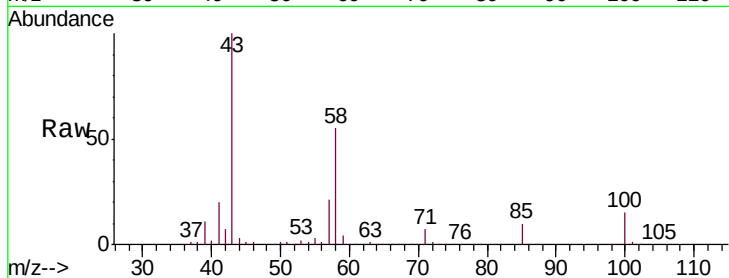




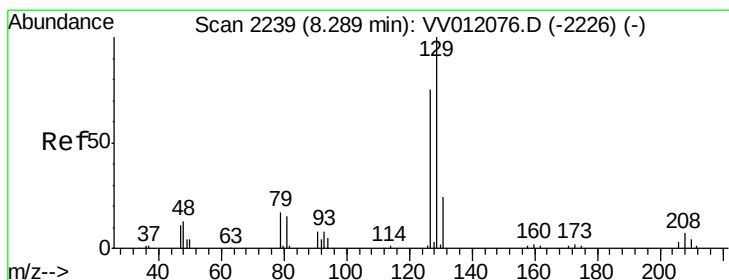
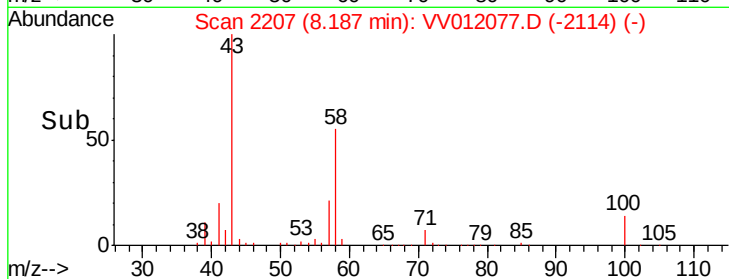
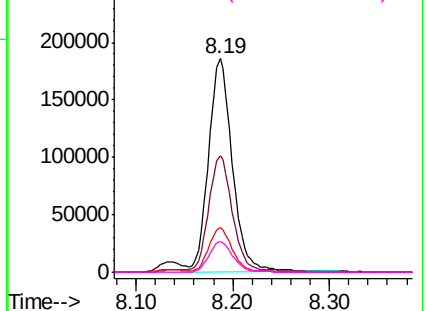
#48
2-Hexanone
Concen: 108.820 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV012077.D
Acq: 30 Jul 2019 18:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD01036

Tgt Ion: 43 Resp: 317627
Ion Ratio Lower Upper
43 100
58 54.9 45.7 68.5
57 21.0 17.0 25.4
100 14.7 12.6 18.8

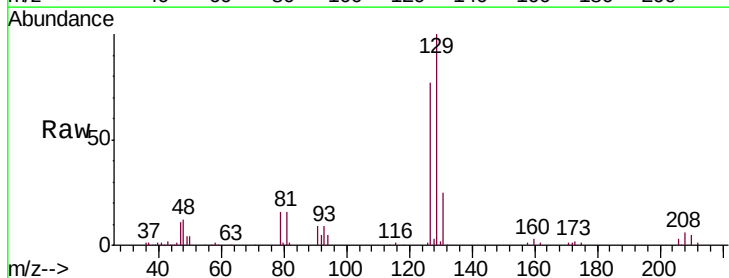


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

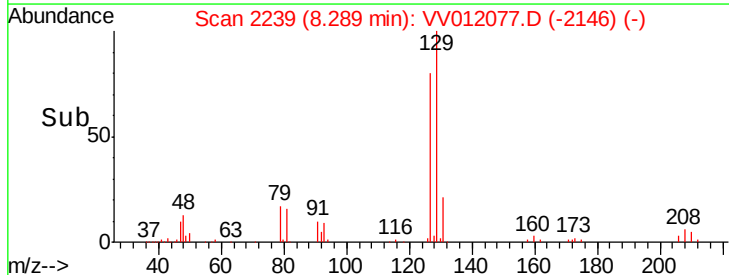
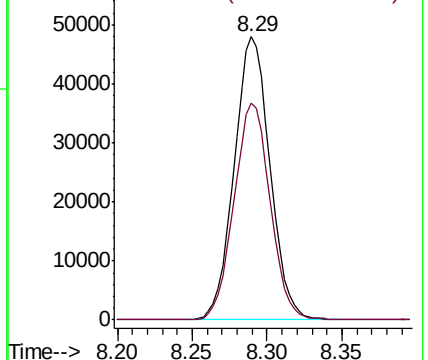


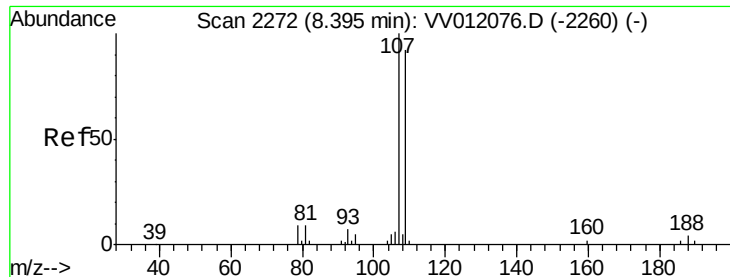
#49
Dibromochloromethane
Concen: 12.105 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV012077.D
Acq: 30 Jul 2019 18:28

Tgt Ion: 129 Resp: 79738
Ion Ratio Lower Upper
129 100
127 76.8 52.8 98.2



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

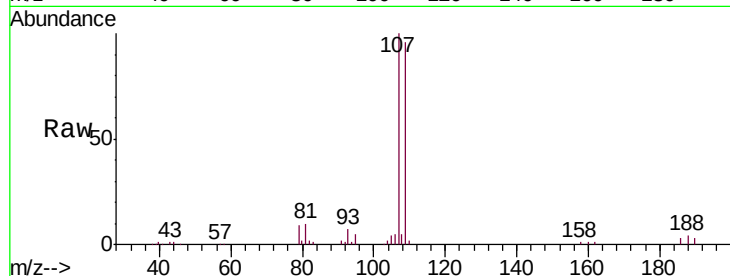




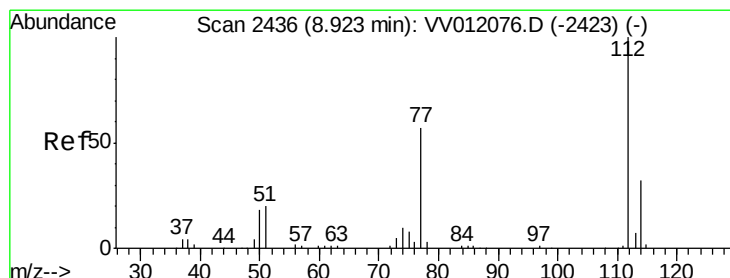
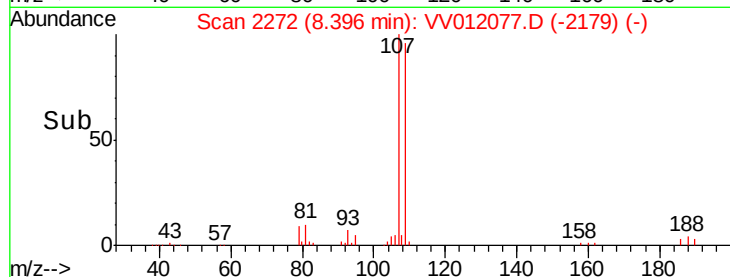
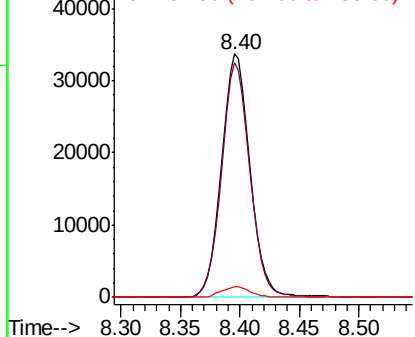
#50
1,2-Dibromoethane
Concen: 11.131 ug/L
RT: 8.40 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV012077.D
Acq: 30 Jul 2019 18:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD01036

Tgt Ion:107 Resp: 55865
Ion Ratio Lower Upper
107 100
109 96.2 64.7 120.1
188 4.3 3.4 5.0

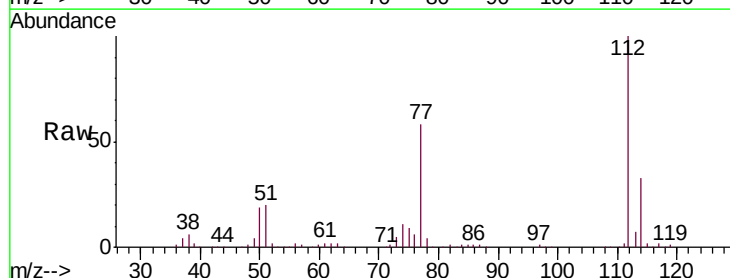


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

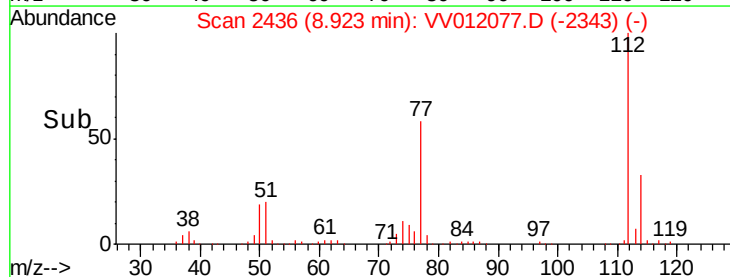
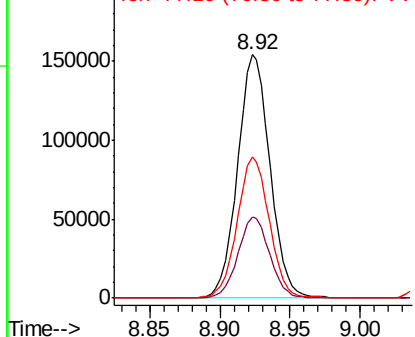


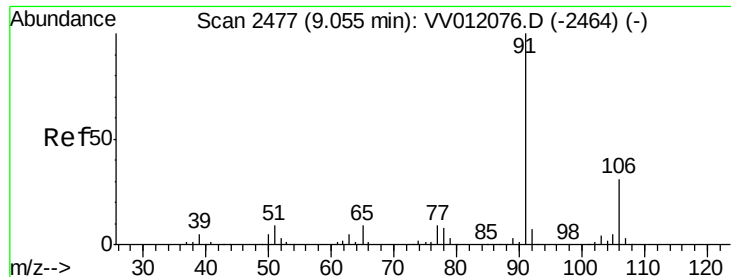
#51
Chlorobenzene
Concen: 11.001 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV012077.D
Acq: 30 Jul 2019 18:28

Tgt Ion:112 Resp: 248006
Ion Ratio Lower Upper
112 100
114 33.3 22.4 41.6
77 57.8 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: 11.296 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

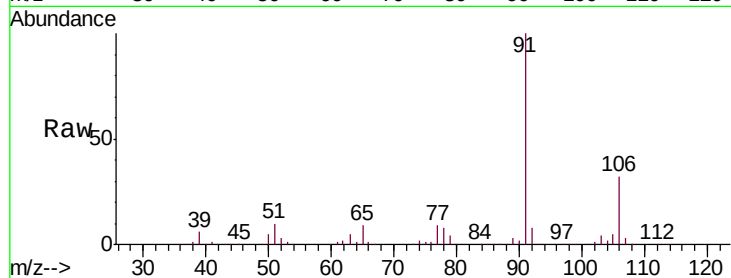
VSTD01036

Tgt Ion: 91 Resp: 441796

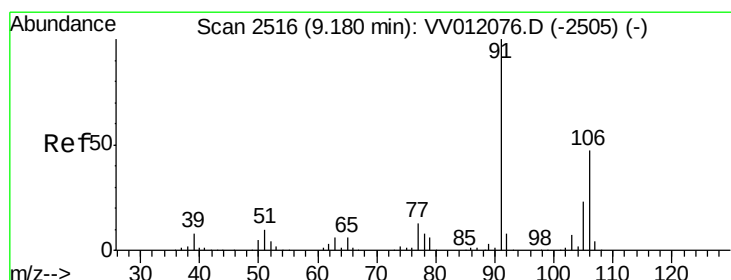
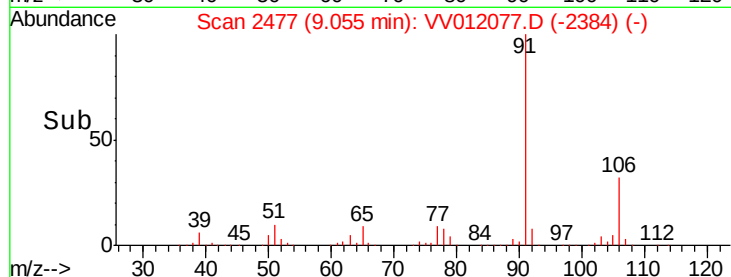
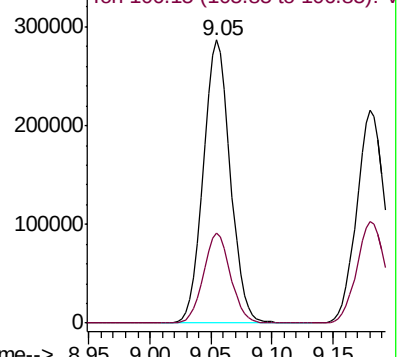
Ion Ratio Lower Upper

91 100

106 31.8 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV012077.D (-2384) (-)



#53

m,p-xylene

Concen: 11.399 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV012077.D

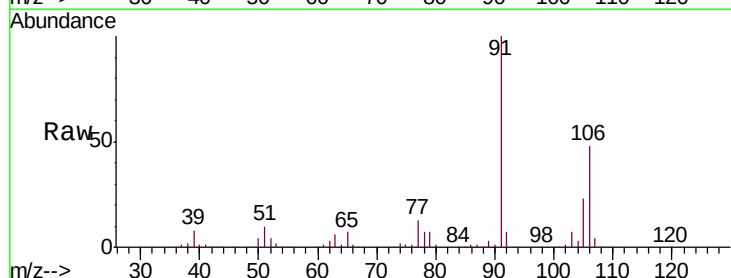
Acq: 30 Jul 2019 18:28

Tgt Ion: 106 Resp: 169084

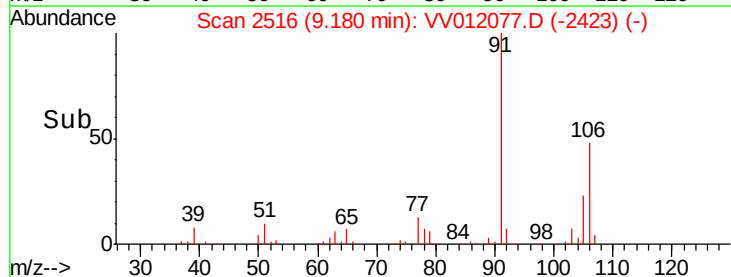
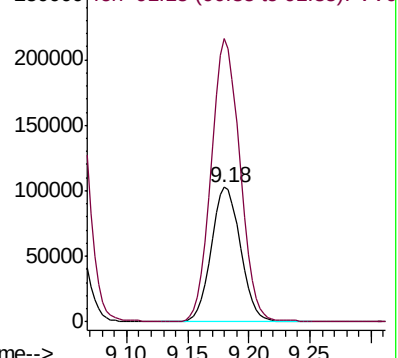
Ion Ratio Lower Upper

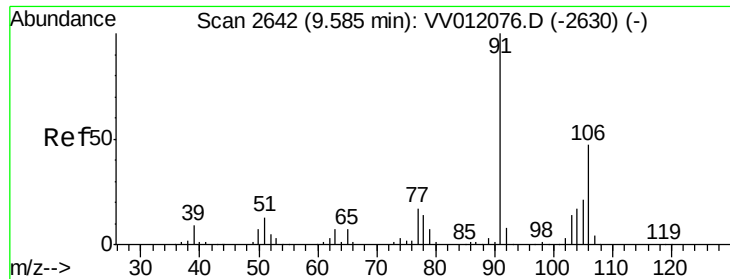
106 100

91 210.1 148.7 276.3



Abundance Ion 106.15 (105.85 to 106.85): VV012077.D (-2423) (-)





#54

o-xylene

Concen: 11.692 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

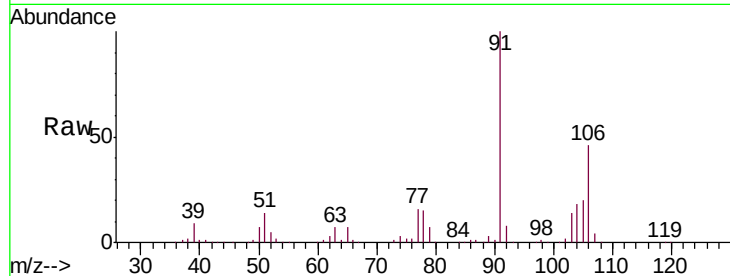
VSTD01036

Tgt Ion:106 Resp: 165616

Ion Ratio Lower Upper

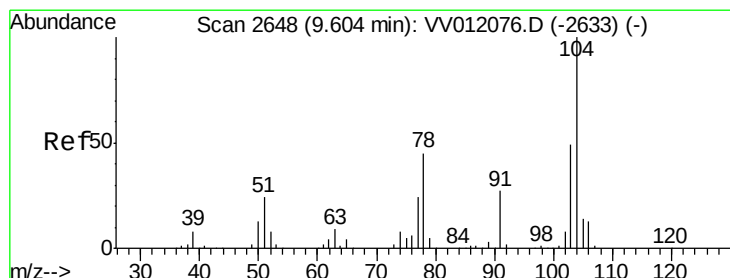
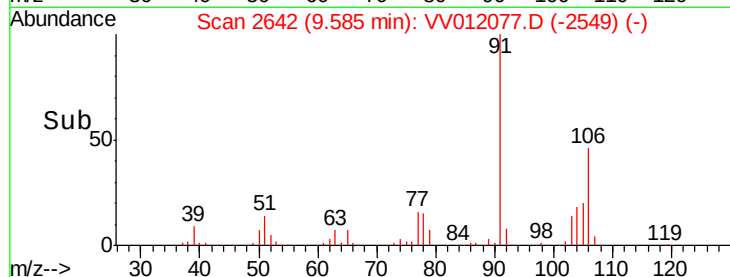
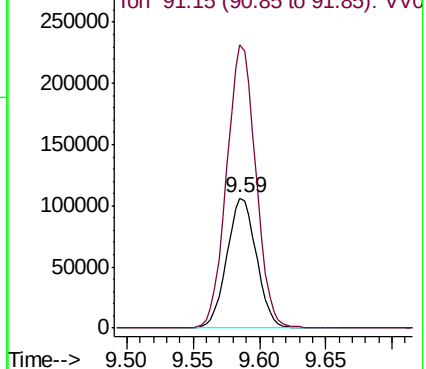
106 100

91 217.3 147.7 274.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 11.803 ug/L

RT: 9.60 min Scan# 2647

Delta R.T. -0.00 min

Lab File: VV012077.D

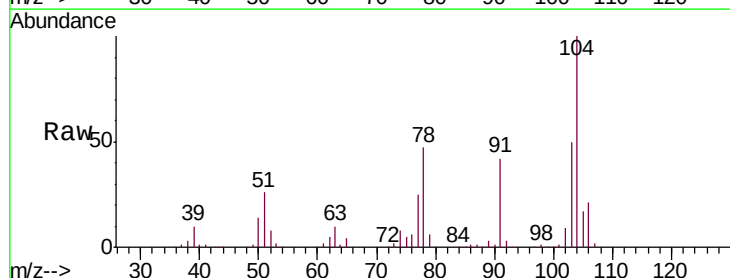
Acq: 30 Jul 2019 18:28

Tgt Ion:104 Resp: 280672

Ion Ratio Lower Upper

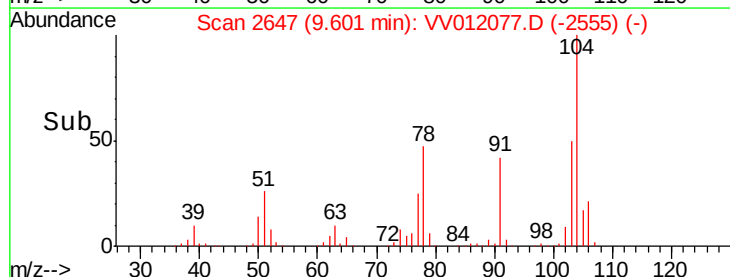
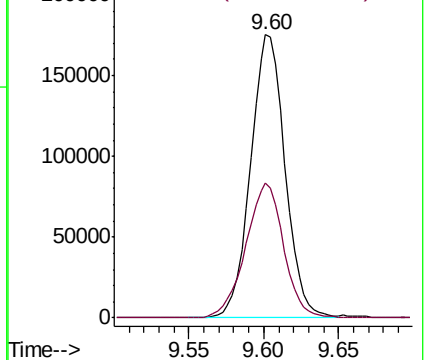
104 100

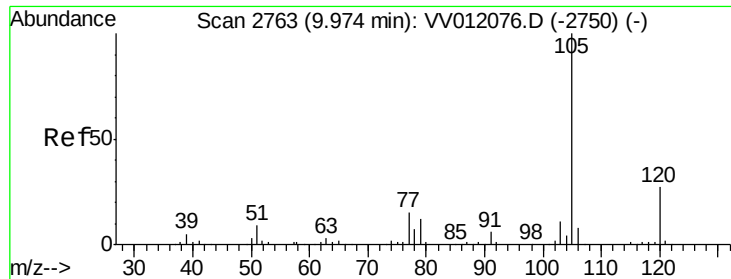
78 47.5 31.7 58.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 11.662 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD01036

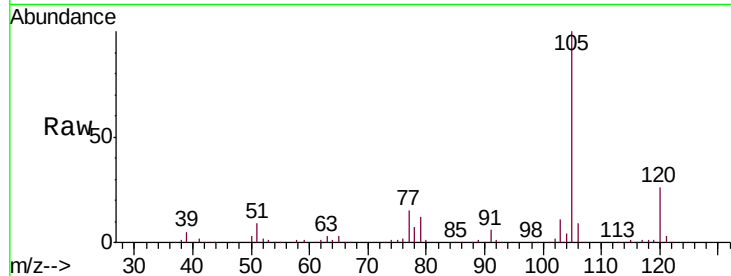
Tgt Ion: 105 Resp: 459974

Ion Ratio Lower Upper

105 100

120 26.4 21.8 32.8

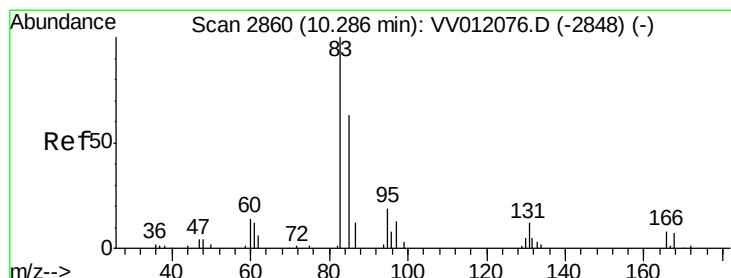
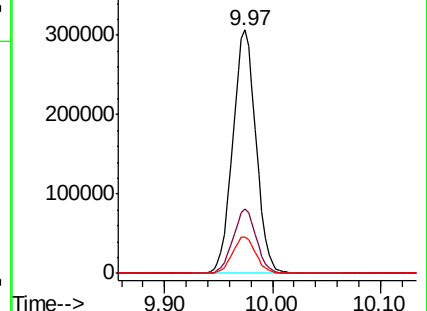
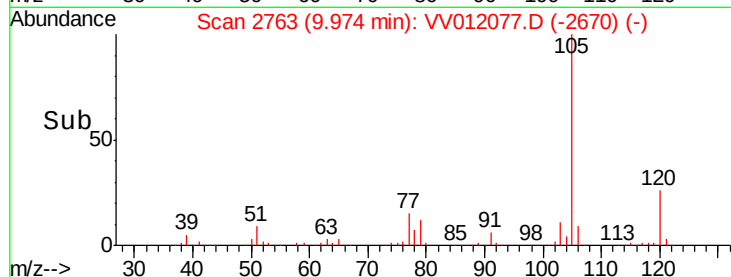
77 15.2 12.7 19.1



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): V



#58

1,1,2,2-Tetrachloroethane

Concen: 10.959 ug/L

RT: 10.28 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

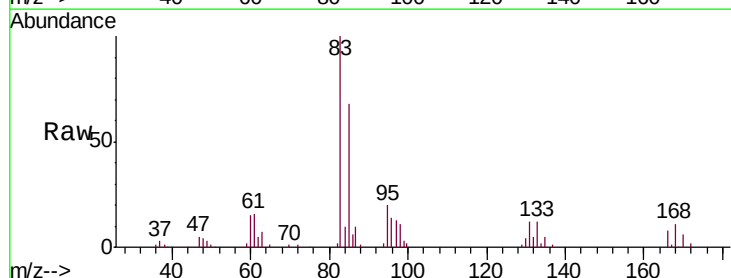
Tgt Ion: 83 Resp: 63190

Ion Ratio Lower Upper

83 100

85 67.6 45.1 83.7

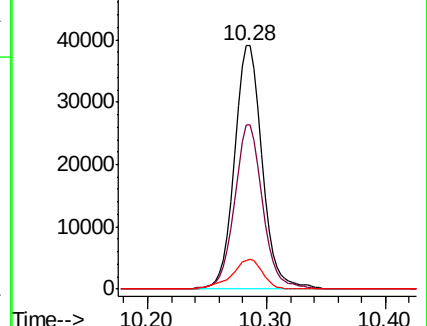
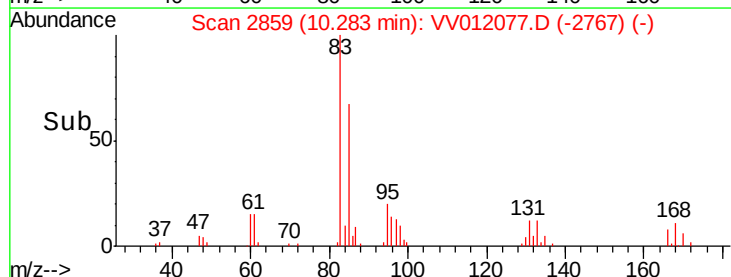
131 11.9 10.3 15.5

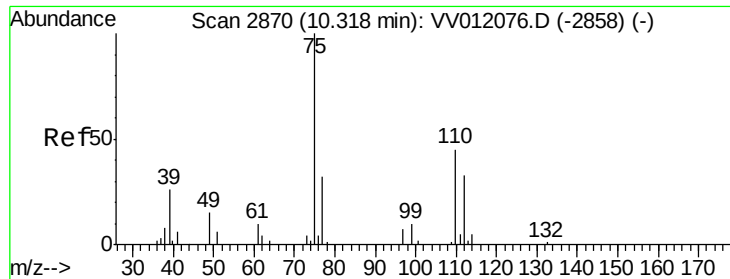


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 11.074 ug/L

RT: 10.32 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

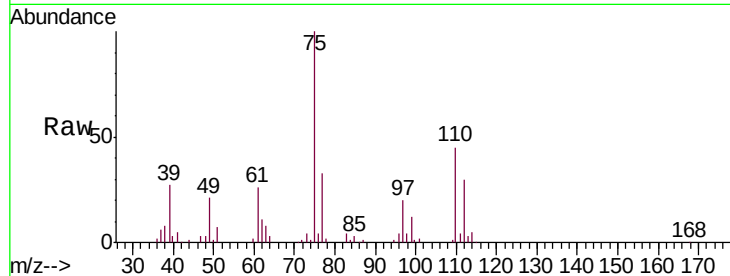
VSTD01036

Tgt Ion: 75 Resp: 49050

Ion Ratio Lower Upper

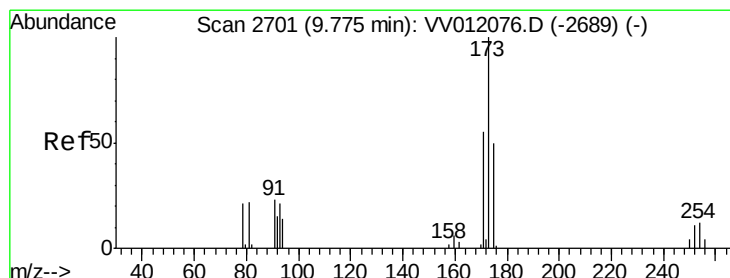
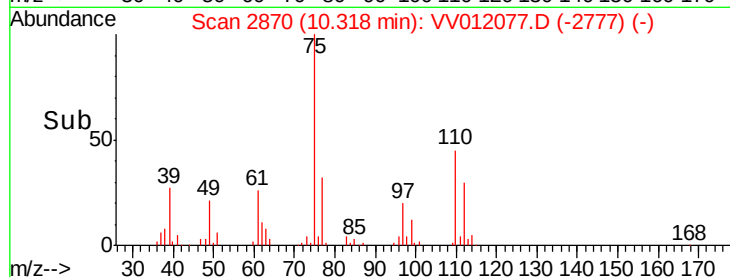
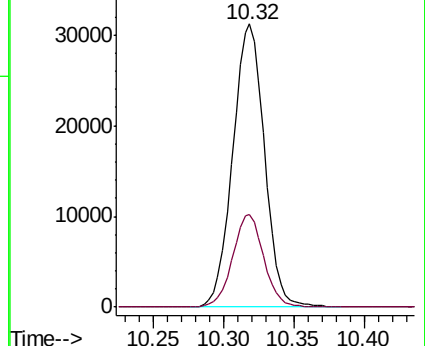
75 100

77 32.0 26.9 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV012076.D (-2858) (-)

Ion 77.00 (76.70 to 77.70): VV012076.D (-2858) (-)



#61

Bromoform

Concen: 11.359 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

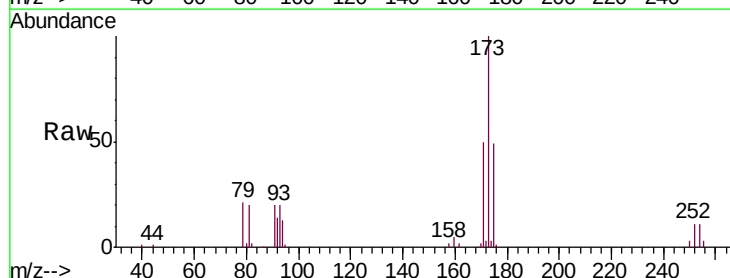
Tgt Ion: 173 Resp: 43831

Ion Ratio Lower Upper

173 100

175 49.6 39.4 59.2

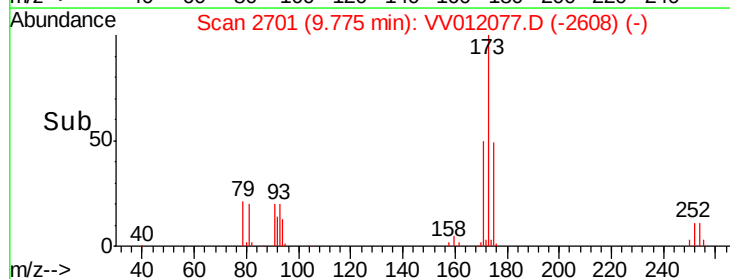
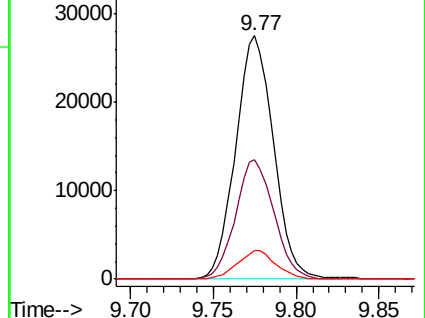
254 11.7 8.7 13.1

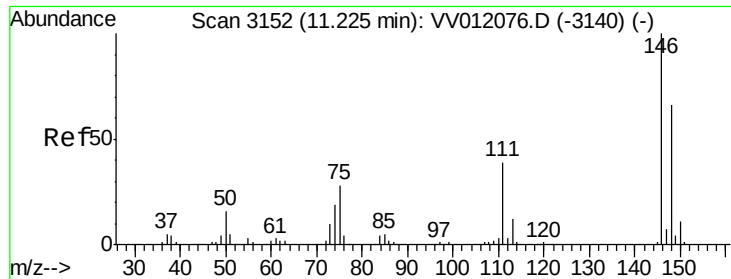


Abundance Ion 172.90 (172.60 to 173.60): VV012076.D (-2689) (-)

Ion 174.90 (174.60 to 175.60): VV012076.D (-2689) (-)

Ion 253.75 (253.45 to 254.45): VV012076.D (-2689) (-)





#62

1,3-Dichlorobenzene

Concen: 10.866 ug/L

RT: 11.23 min Scan# 3152

Delta R.T. 0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD01036

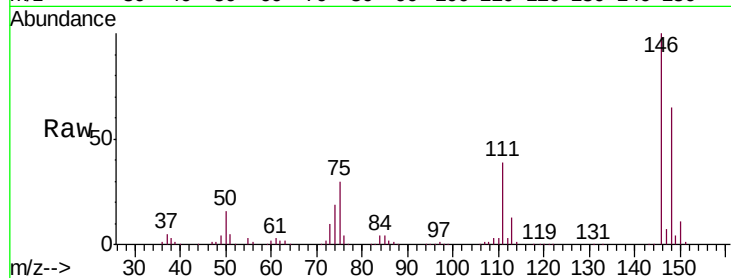
Tgt Ion:146 Resp: 224060

Ion Ratio Lower Upper

146 100

111 39.4 27.2 50.6

148 64.6 45.9 85.3

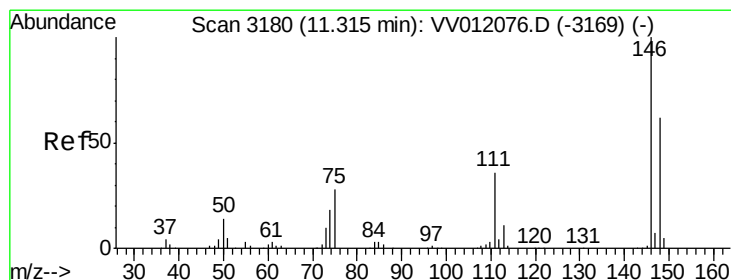
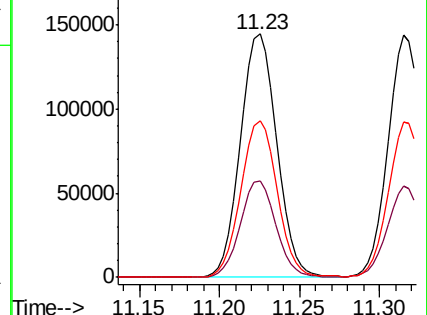
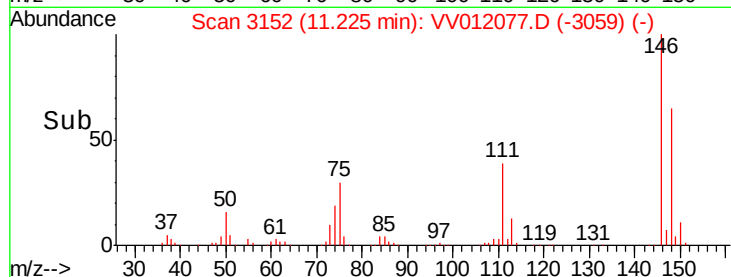


Abundance

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: 10.508 ug/L

RT: 11.32 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

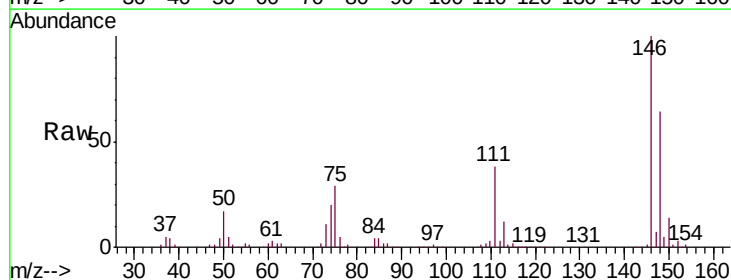
Tgt Ion:146 Resp: 222927

Ion Ratio Lower Upper

146 100

111 37.8 25.4 47.2

148 63.8 43.5 80.7

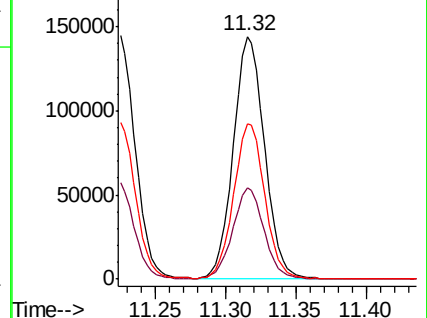
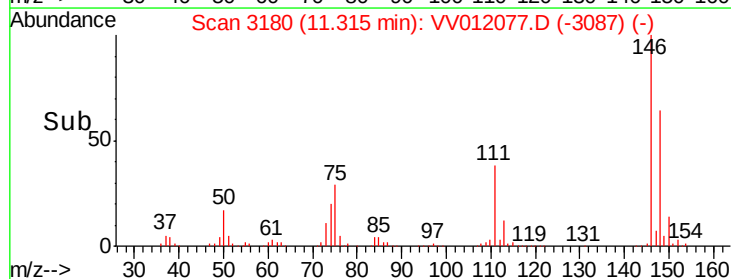


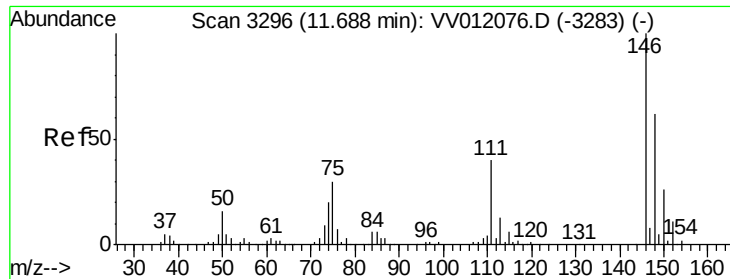
Abundance

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





#65

1,2-Dichlorobenzene

Concen: 10.675 ug/L

RT: 11.69 min Scan# 3296

Delta R.T. 0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD01036

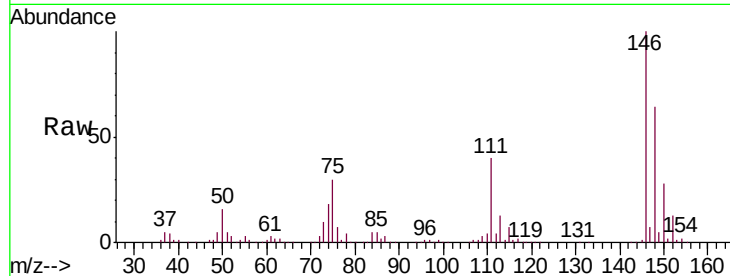
Tgt Ion: 146 Resp: 201281

Ion Ratio Lower Upper

146 100

111 40.3 32.3 48.5

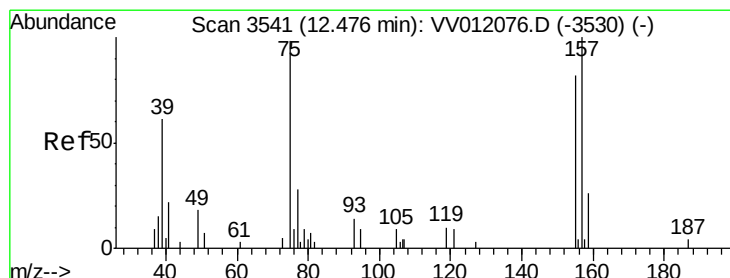
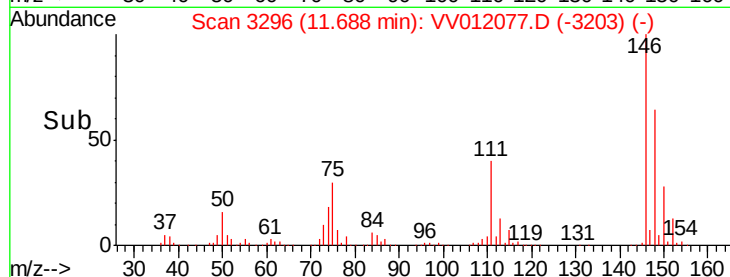
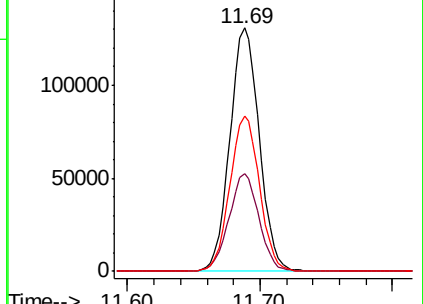
148 63.9 49.9 74.9



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



#66

1,2-Dibromo-3-chloropropane

Concen: 10.491 ug/L

RT: 12.47 min Scan# 3540

Delta R.T. -0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

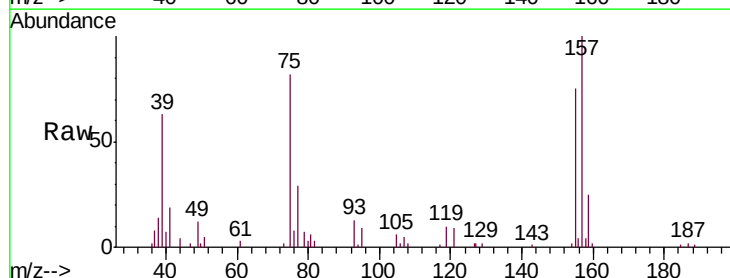
Tgt Ion: 75 Resp: 11657

Ion Ratio Lower Upper

75 100

155 91.4 66.9 100.3

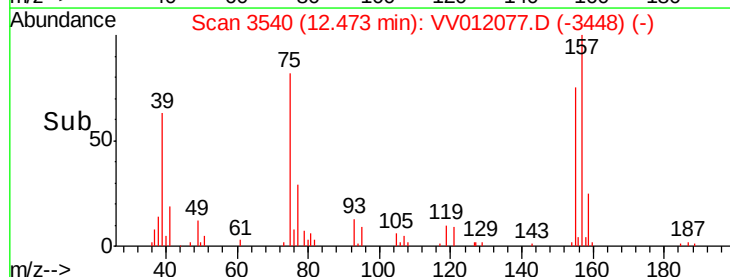
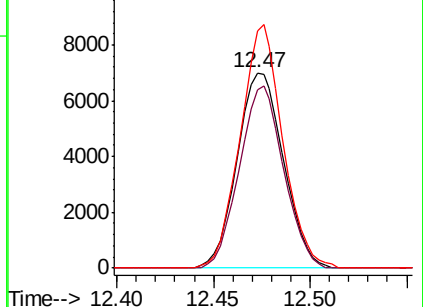
157 121.5 81.8 122.6

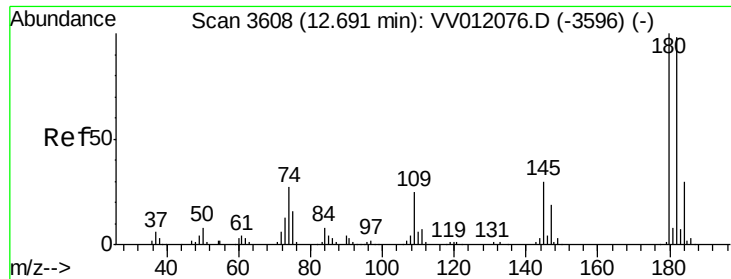


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

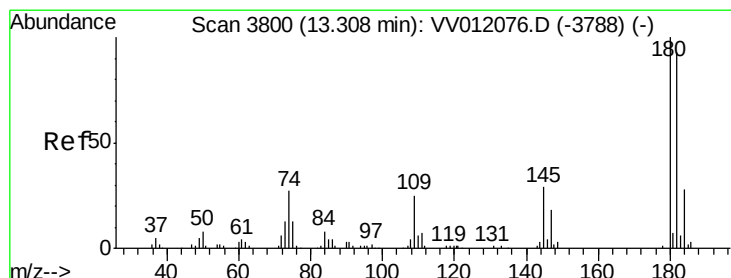
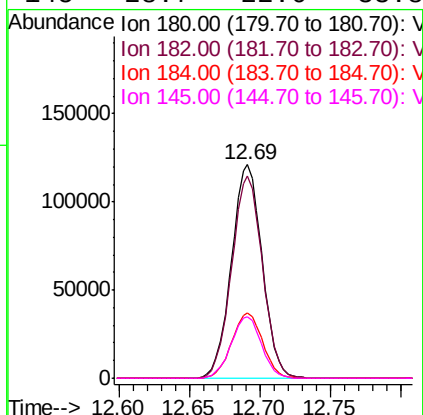
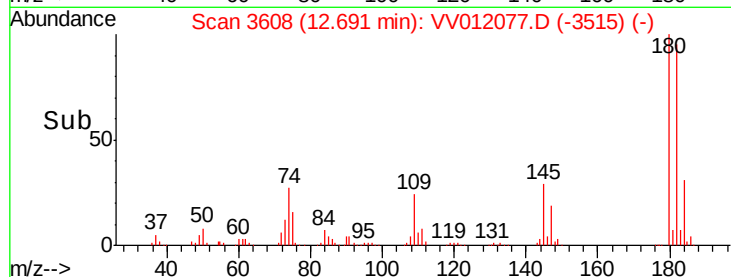
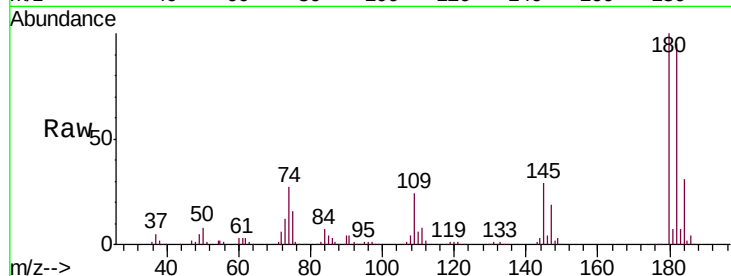




#67
 1,3,5-Trichlorobenzene
 Concen: 10.672 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VV012077.D
 Acq: 30 Jul 2019 18:28

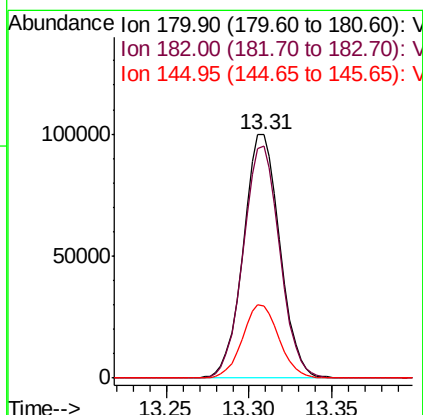
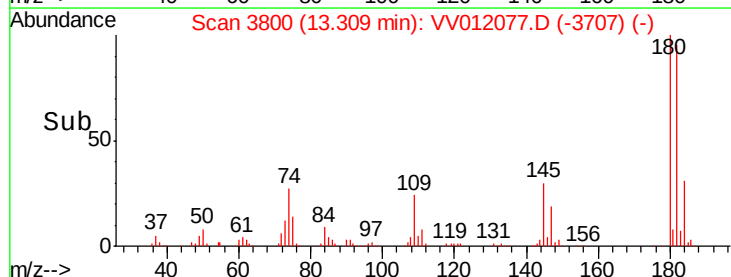
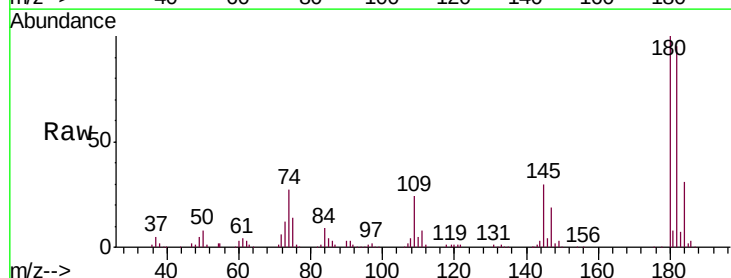
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01036

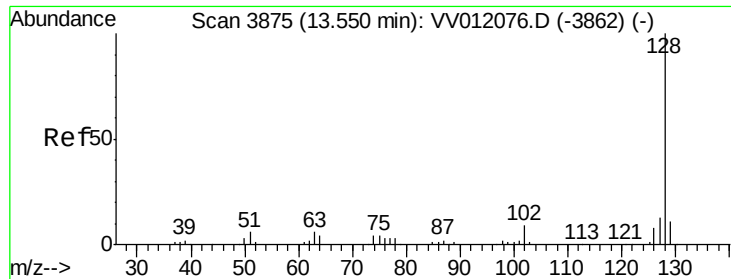
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.6	115.0
184	30.8	23.8	35.8
145	28.7	22.6	33.8



#68
 1,2,4-trichlorobenzene
 Concen: 10.970 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV012077.D
 Acq: 30 Jul 2019 18:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.4	113.0
145	30.1	23.5	35.3





#69

Naphthalene

Concen: 10.714 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

VSTD01036

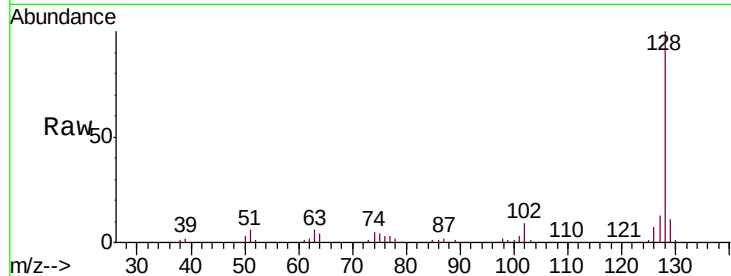
Tgt Ion:128 Resp: 220199

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

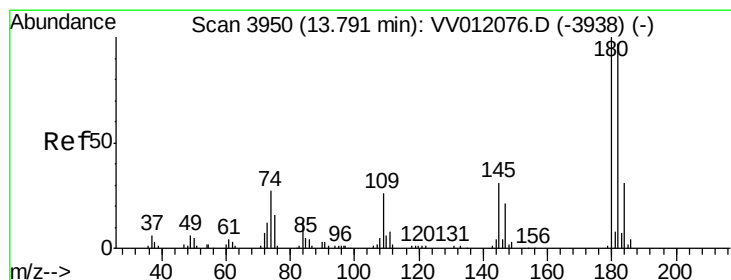
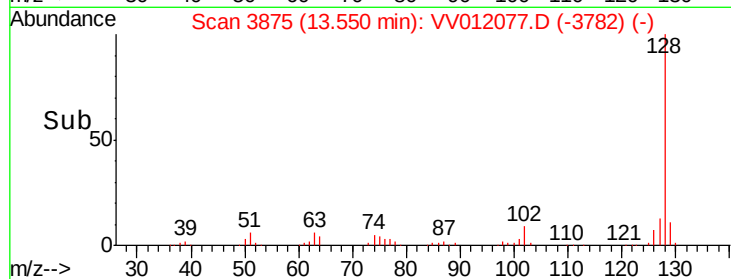
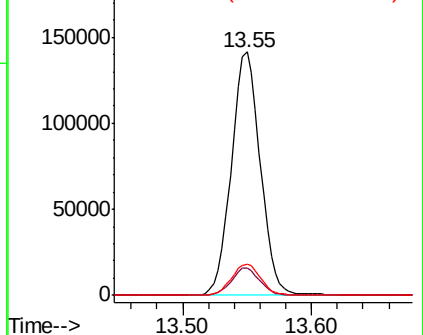
127 13.0 10.0 15.0



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: 10.865 ug/L

RT: 13.79 min Scan# 3950

Delta R.T. 0.00 min

Lab File: VV012077.D

Acq: 30 Jul 2019 18:28

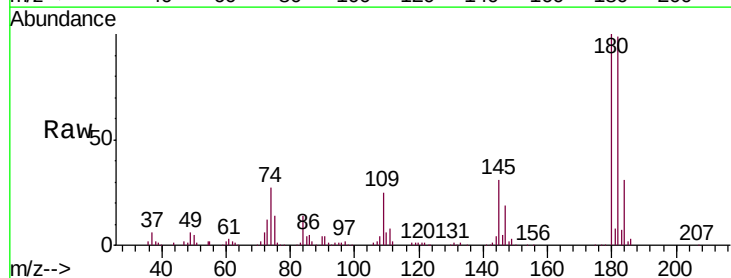
Tgt Ion:180 Resp: 136473

Ion Ratio Lower Upper

180 100

182 97.2 76.5 114.7

145 31.5 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

