

Data File : VV008734.D
Acq On : 28 Nov 2018 13:49
Operator : SY/MD
Sample : VSTD01065
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD01065

Quant Time: Nov 29 02:07:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 29 02:03:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	173573	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	158714	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77692	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97857	11.86	ug/L	0.00
7) Chloroethane-d5	1.59	69	77951	11.85	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	187779	11.43	ug/L	0.00
20) 2-Butanone-d5	3.97	46	283243	102.44	ug/L	0.00
24) Chloroform-d	4.41	84	234232	10.84	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	112453	10.36	ug/L	0.00
32) Benzene-d6	5.10	84	476010	11.15	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	141187	10.43	ug/L	0.00
41) Toluene-d8	7.36	98	440822	11.01	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	52890	10.31	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	210619	93.44	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	98840	10.49	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	149241	10.45	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	147023	10.167 ug/L	98
3) Chloromethane	1.25	50	115819	9.598 ug/L	99
5) Vinyl chloride	1.32	62	116649	10.424 ug/L	99
6) Bromomethane	1.54	94	71575	10.271 ug/L	96
8) Chloroethane	1.60	64	65044	10.173 ug/L	96
9) Trichlorofluoromethane	1.77	101	162564	10.417 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	93163	10.300 ug/L	98
12) 1,1-Dichloroethene	2.14	96	83859	10.184 ug/L	96
13) Acetone	2.23	43	131375	92.608 ug/L	96
14) Carbon disulfide	2.32	76	260890	10.177 ug/L	100
15) Methyl Acetate	2.48	43	32650	9.113 ug/L	99
16) Methylene chloride	2.54	84	85268	8.637 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	205464	9.613 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	91175	10.203 ug/L	99
19) 1,1-Dichloroethane	3.23	63	208939	9.522 ug/L	97
21) 2-Butanone	4.06	43	274842	87.072 ug/L	96
22) cis-1,2-Dichloroethene	3.97	96	127078	9.687 ug/L	96
23) Bromochloromethane	4.31	128	53271	10.505 ug/L	96
25) Chloroform	4.43	83	215750	7.843 ug/L	99
27) 1,2-Dichloroethane	5.19	62	127767	9.303 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	189500	9.523 ug/L	100
30) Cyclohexane	4.73	56	203202	9.261 ug/L	99
31) Carbon tetrachloride	4.88	117	162076	9.609 ug/L	100
33) Benzene	5.15	78	476298	9.554 ug/L	100
34) Trichloroethene	5.96	95	130521	9.787 ug/L	97
35) Methylcyclohexane	6.18	83	216435	9.697 ug/L	99
37) 1,2-Dichloropropane	6.23	63	119663	9.174 ug/L	100
38) Bromodichloromethane	6.56	83	137788	8.697 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	170073	9.648 ug/L	94
40) 4-Methyl-2-pentanone	7.28	43	651684	86.736 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	503093	9.669	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	133088	9.438	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	79996	9.581	ug/L	96
47) Tetrachloroethene	8.02	164	100154	10.273	ug/L	98
48) 2-Hexanone	8.19	43	467997	92.373	ug/L	100
49) Dibromochloromethane	8.29	129	90938	9.715	ug/L	100
50) 1,2-Dibromoethane	8.40	107	73937	9.826	ug/L	99
51) Chlorobenzene	8.93	112	321445	9.894	ug/L	98
52) Ethylbenzene	9.06	91	551499	9.650	ug/L	100
53) m,p-xylene	9.18	106	208707	9.827	ug/L	97
54) o-xylene	9.59	106	200388	9.721	ug/L	99
55) Styrene	9.60	104	341714	10.254	ug/L	98
56) Isopropylbenzene	9.98	105	542517	9.820	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	88845	9.157	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	67156	9.095	ug/L	99
61) Bromoform	9.78	173	43952	8.992	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	241155	9.606	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	242917	9.754	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	225220	9.407	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	12884	8.607	ug/L #	82
67) 1,3,5-Trichlorobenzene	12.69	180	185263	10.096	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	150465	10.319	ug/L	99
69) Naphthalene	13.56	128	236873	10.321	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	135383	10.073	ug/L	98

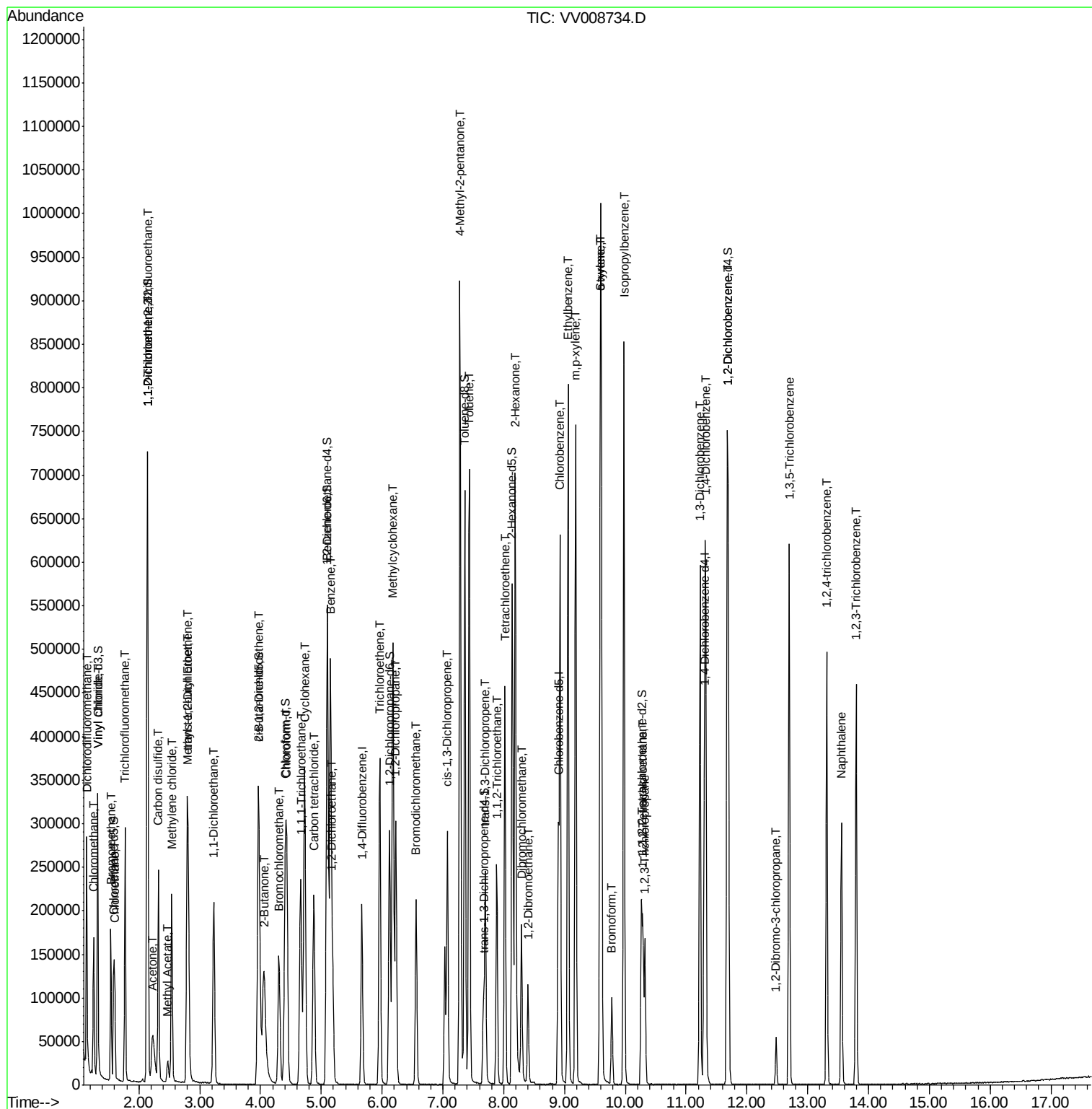
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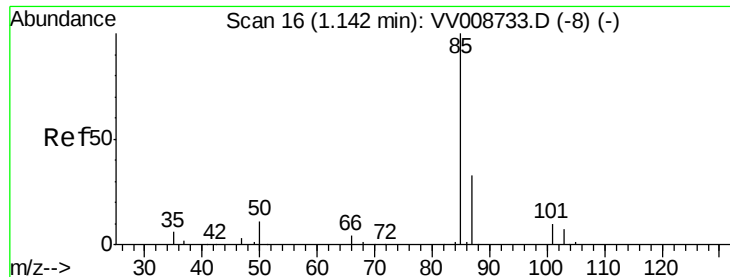
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#2

Dichlorodifluoromethane

Concen: 10.167 ug/L

RT: 1.14 min Scan# 16

Delta R.T. -0.00 min

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Acq: 28 Nov 2018 13:49

Instrument :

MSVOA_V

ClientSampleId :

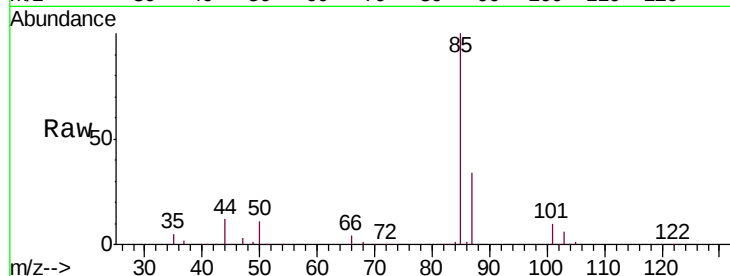
VSTD01065

Tgt Ion: 85 Resp: 147023

Ion Ratio Lower Upper

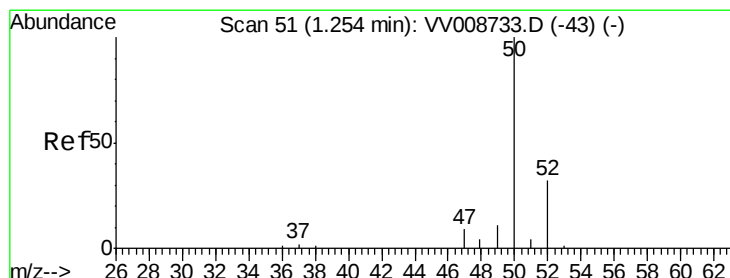
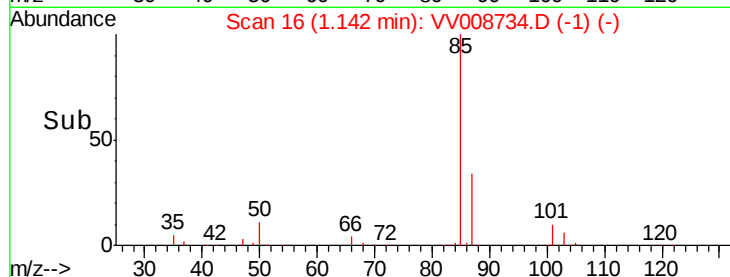
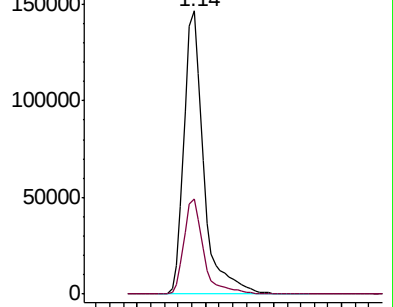
85 100

87 33.7 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 9.598 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV008734.D

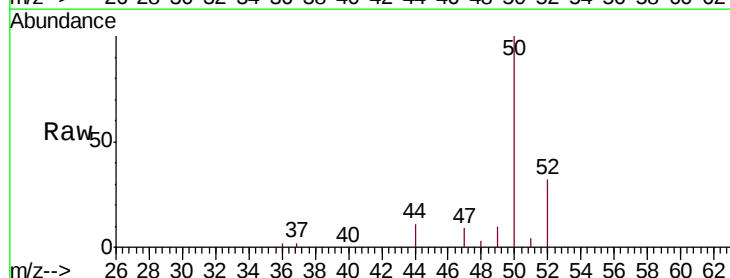
Acq: 28 Nov 2018 13:49

Tgt Ion: 50 Resp: 115819

Ion Ratio Lower Upper

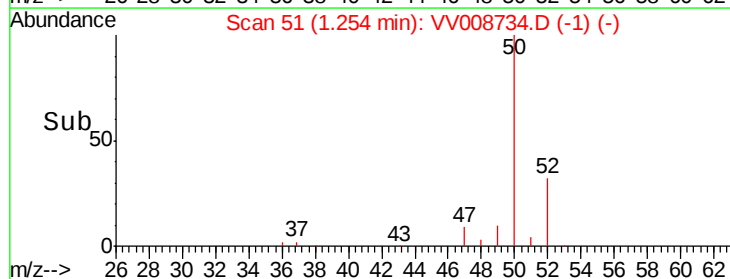
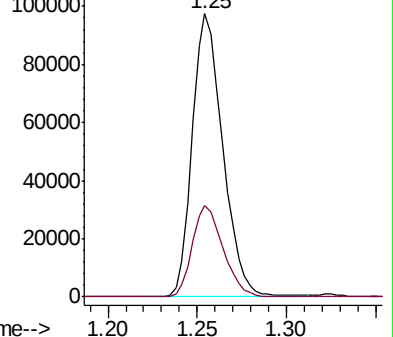
50 100

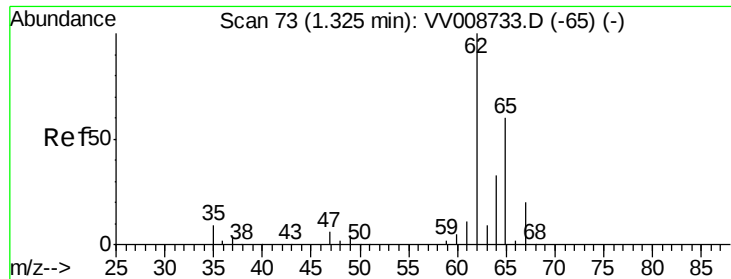
52 32.4 22.5 41.7



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0





#5

Vinyl chloride

Concen: 10.424 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008734.D

Acq: 28 Nov 2018 13:49

Instrument :

MSVOA_V

ClientSampleId :

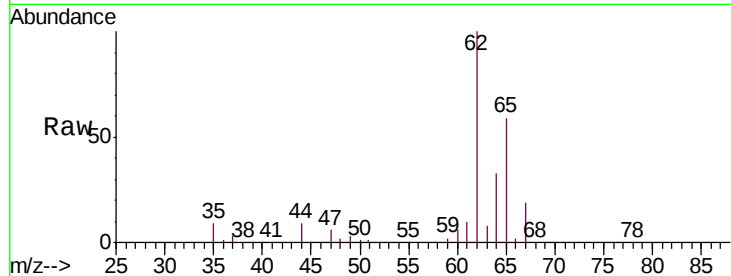
VSTD01065

Tgt Ion: 62 Resp: 116649

Ion Ratio Lower Upper

62 100

64 32.8 23.3 43.3



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

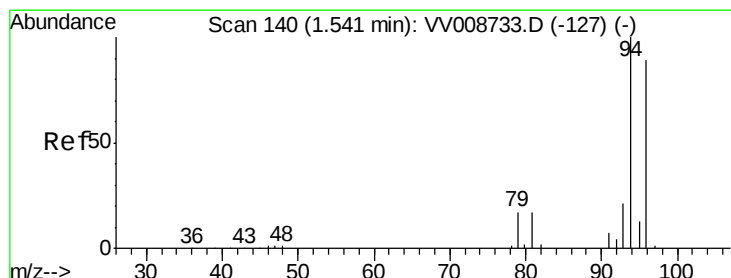
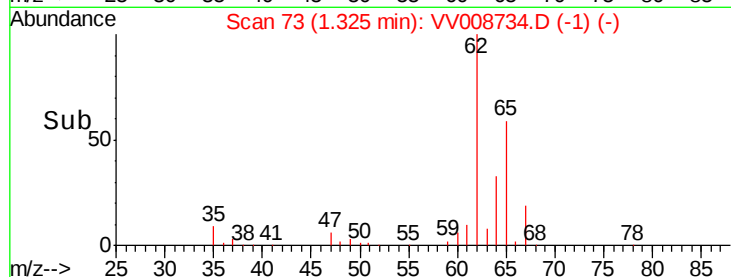
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50000

0

Time-->

1.25 1.30 1.35 1.40



#6

Bromomethane

Concen: 10.271 ug/L

RT: 1.54 min Scan# 140

Delta R.T. -0.00 min

Lab File: VV008734.D

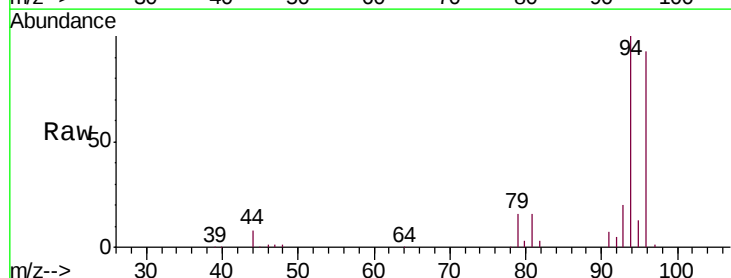
Acq: 28 Nov 2018 13:49

Tgt Ion: 94 Resp: 71575

Ion Ratio Lower Upper

94 100

96 93.4 62.6 116.2



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

1.54

60000

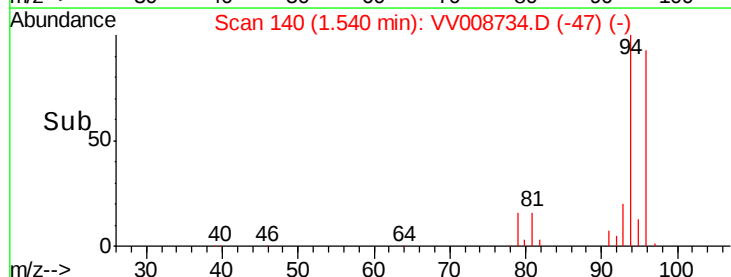
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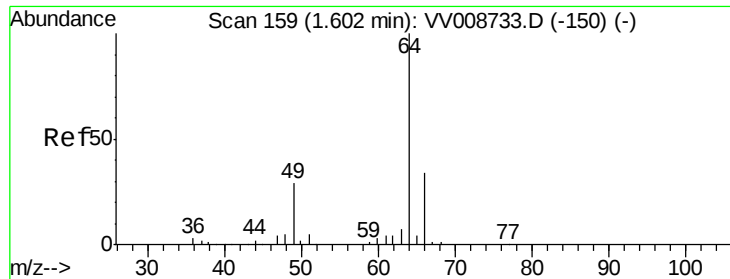
20000

0

Time-->

1.50 1.55 1.60





#8

Chloroethane

Concen: 10.173 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.00 min

Lab File: VV008734.D

Acq: 28 Nov 2018 13:49

Instrument :

MSVOA_V

ClientSampleId :

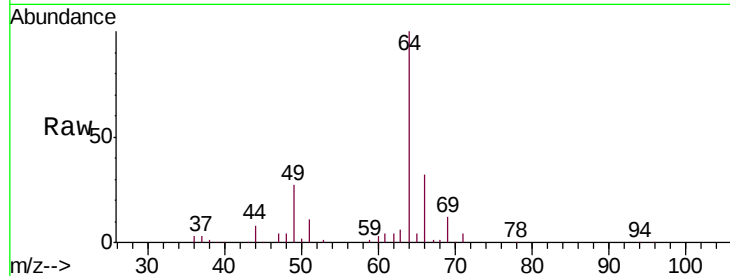
VSTD01065

Tgt Ion: 64 Resp: 65044

Ion Ratio Lower Upper

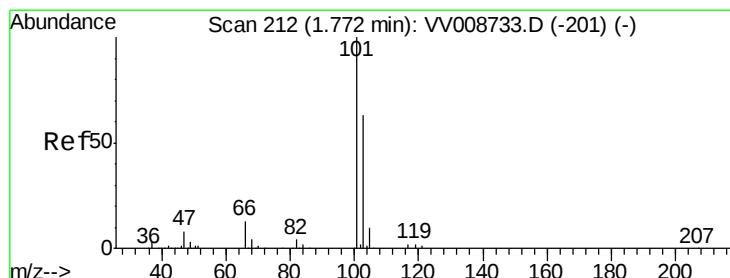
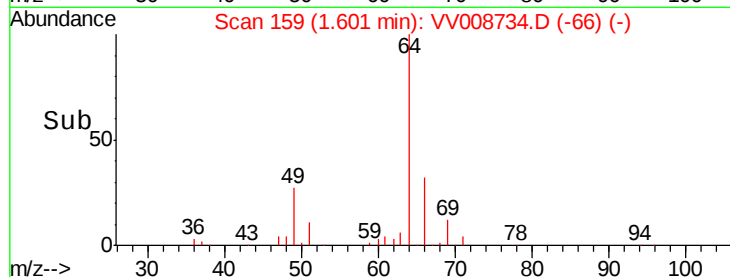
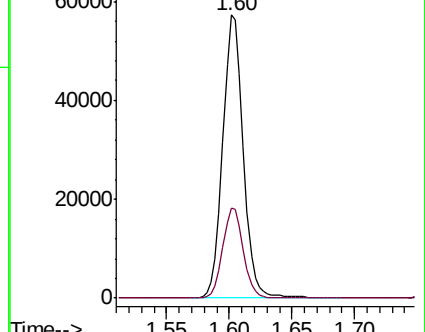
64 100

66 32.0 24.0 44.6



Abundance Ion 64.10 (63.80 to 64.80): VV008733.D (-150) (-)

Ion 66.05 (65.75 to 66.75): VV008733.D (-150) (-)



#9

Trichlorofluoromethane

Concen: 10.417 ug/L

RT: 1.77 min Scan# 212

Delta R.T. -0.00 min

Lab File: VV008734.D

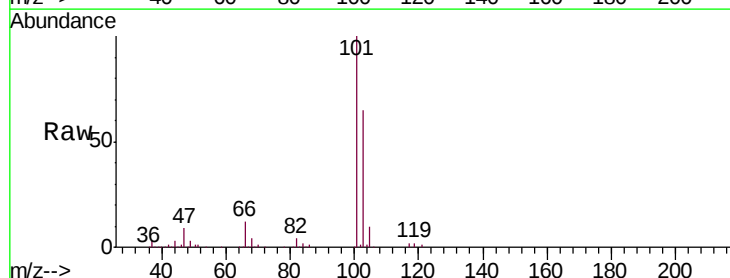
Acq: 28 Nov 2018 13:49

Tgt Ion: 101 Resp: 162564

Ion Ratio Lower Upper

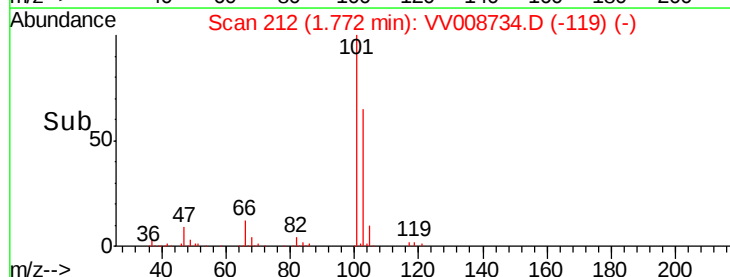
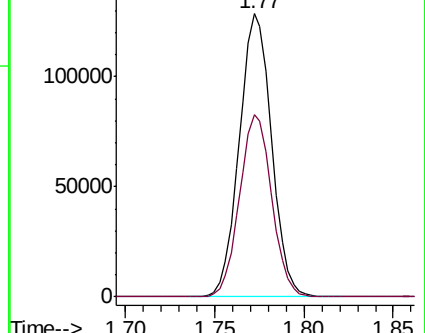
101 100

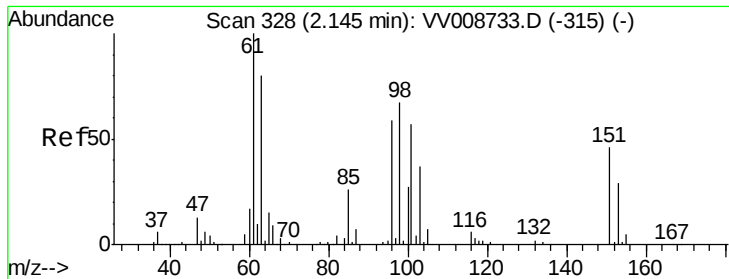
103 64.4 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): VV008733.D (-201) (-)

Ion 103.00 (102.70 to 103.70): VV008733.D (-201) (-)





#10

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

Concen: 10.300 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV008734.D

Acq: 28 Nov 2018 13:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

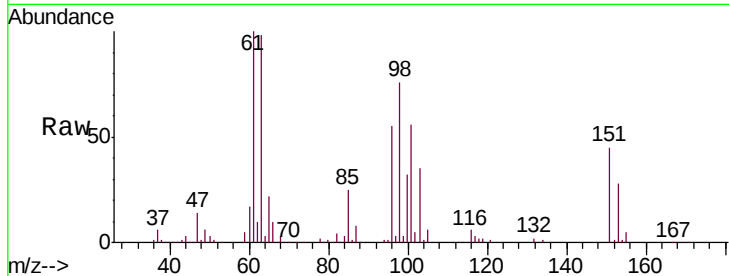
Tgt Ion: 101 Resp: 93163

Ion Ratio Lower Upper

101 100

85 43.9 34.8 52.2

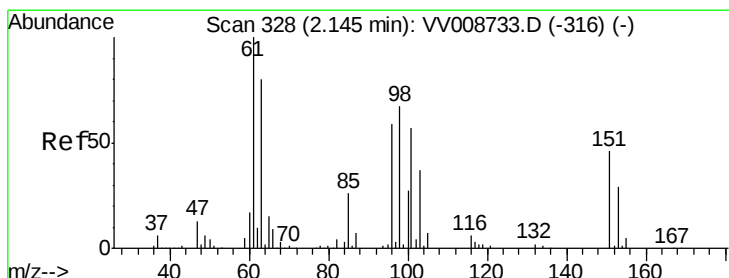
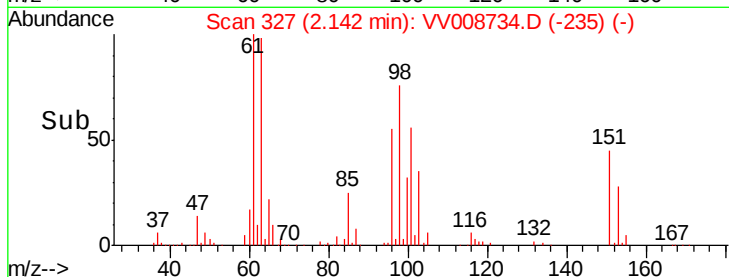
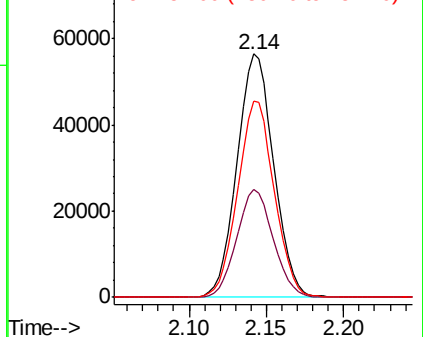
151 80.1 62.6 94.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 10.184 ug/L

RT: 2.14 min Scan# 328

Delta R.T. -0.00 min

Lab File: VV008734.D

Acq: 28 Nov 2018 13:49

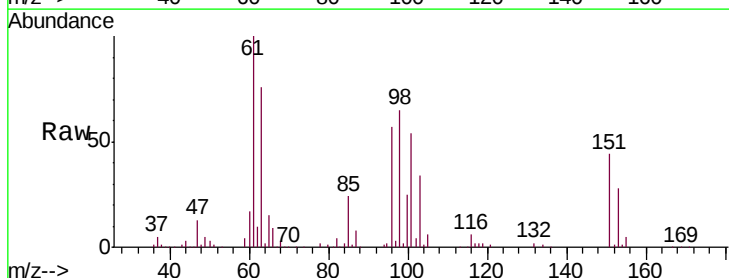
Tgt Ion: 96 Resp: 83859

Ion Ratio Lower Upper

96 100

61 175.5 118.0 219.2

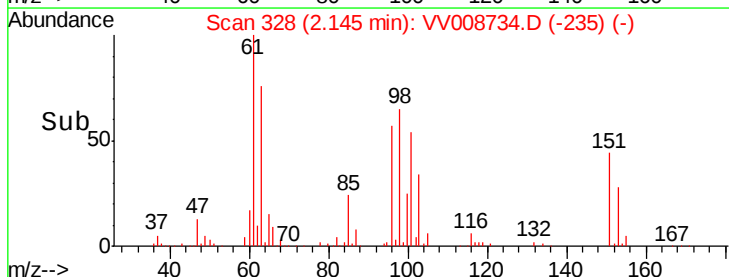
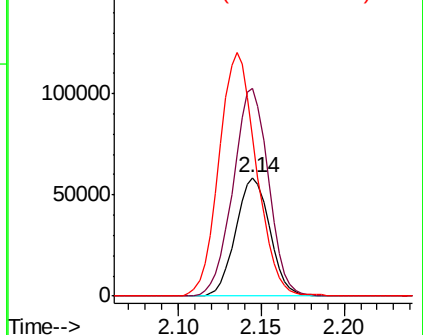
63 133.6 95.3 177.1

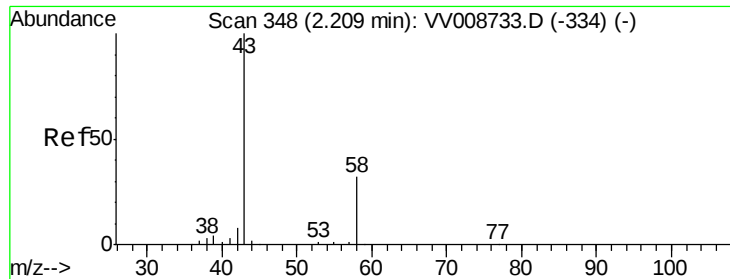


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 92.608 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.02 min

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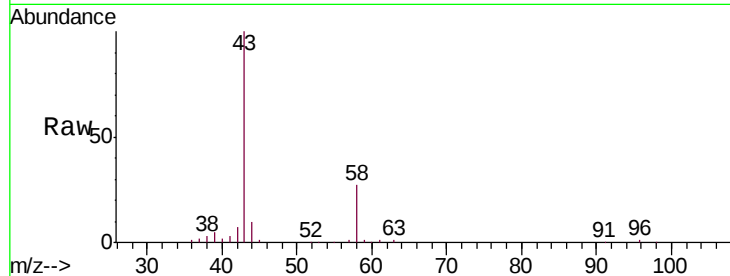
VSTD01065

Tgt Ion: 43 Resp: 131375

Ion Ratio Lower Upper

43 100

58 29.7 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VV008733.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV008733.D (-334) (-)

2.23

30000

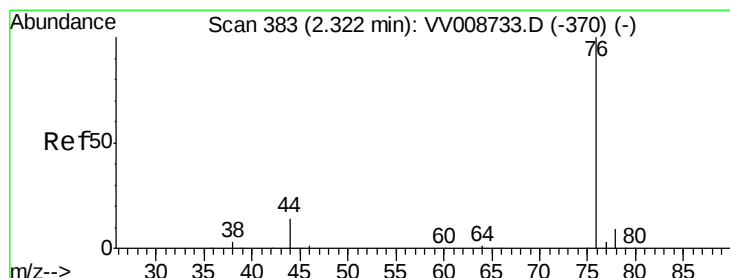
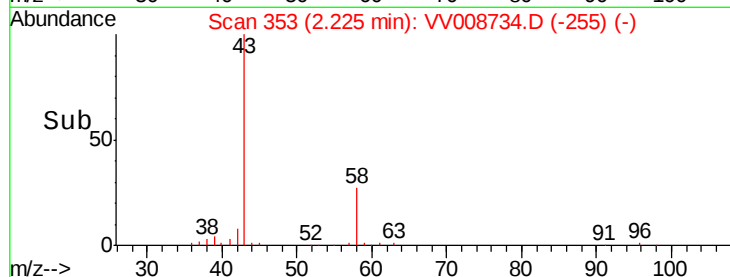
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10000

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Time-->

2.10 2.20 2.30 2.40



#14

Carbon disulfide

Concen: 10.177 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VV008734.D

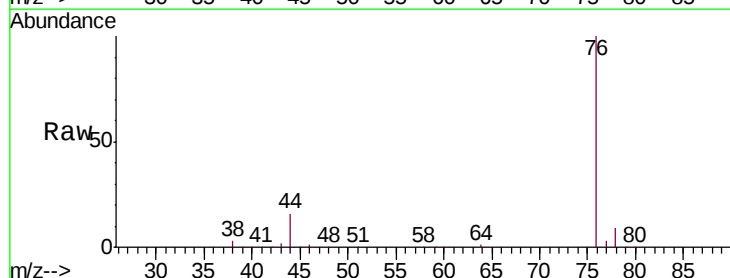
Acq: 28 Nov 2018 13:49

Tgt Ion: 76 Resp: 260890

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV008733.D (-370) (-)

Ion 78.00 (77.70 to 78.70): VV008733.D (-370) (-)

2.32

200000

150000

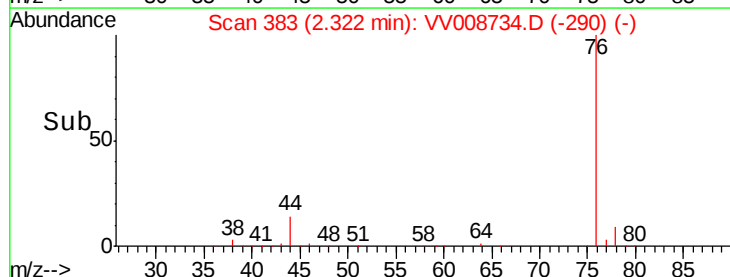
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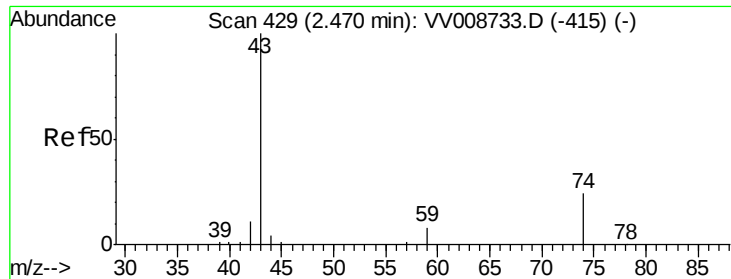
50000

0

Time-->

2.30 2.40





#15

Methyl Acetate

Concen: 9.113 ug/L

RT: 2.48 min Scan# 431

Delta R.T. 0.01 min

Lab File: VV008734.D

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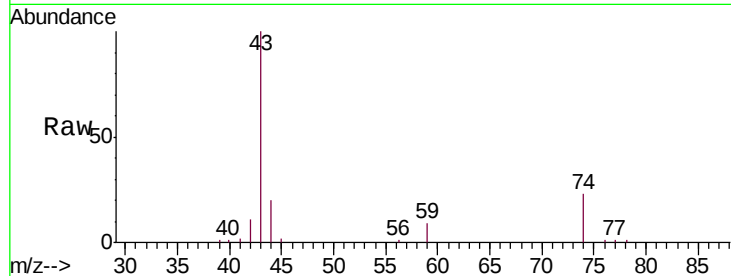
VSTD01065

Tgt Ion: 43 Resp: 32650

Ion Ratio Lower Upper

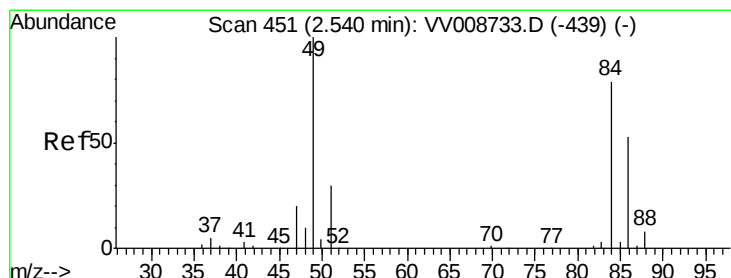
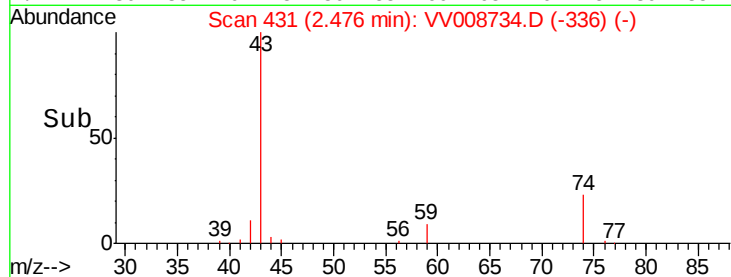
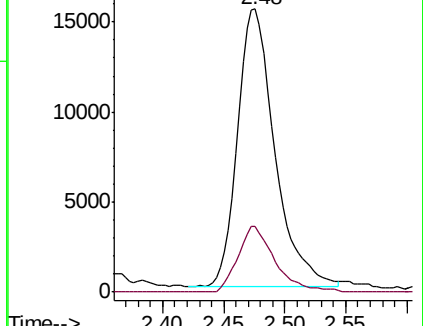
43 100

74 23.5 18.6 27.8



Abundance Ion 43.05 (42.75 to 43.75): VV008733.D (-415) (-)

Ion 74.05 (73.75 to 74.75): VV008733.D (-415) (-)



#16

Methylene chloride

Concen: 8.637 ug/L

RT: 2.54 min Scan# 451

Delta R.T. -0.00 min

Lab File: VV008734.D

Acq: 28 Nov 2018 13:49

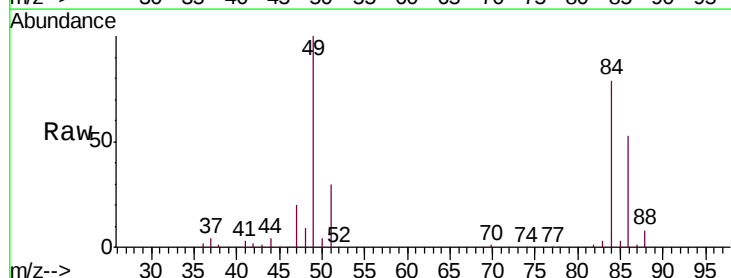
Tgt Ion: 84 Resp: 85268

Ion Ratio Lower Upper

84 100

86 67.0 47.3 87.9

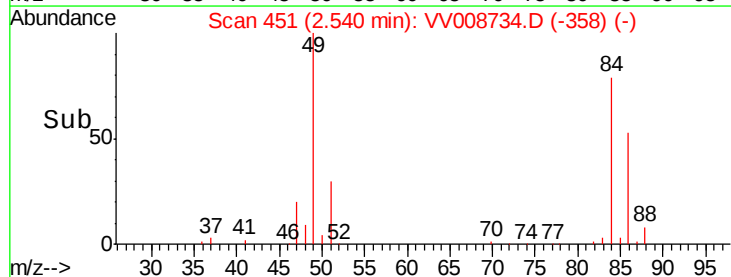
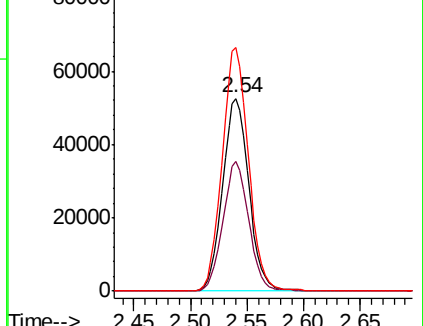
49 126.1 88.8 165.0

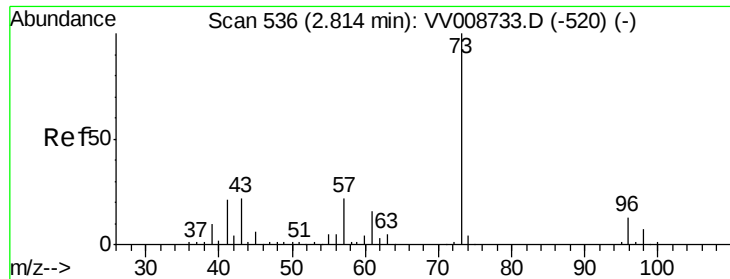


Abundance Ion 84.05 (83.75 to 84.75): VV008733.D (-439) (-)

Ion 86.00 (85.70 to 86.70): VV008733.D (-439) (-)

Ion 49.10 (48.80 to 49.80): VV008733.D (-439) (-)

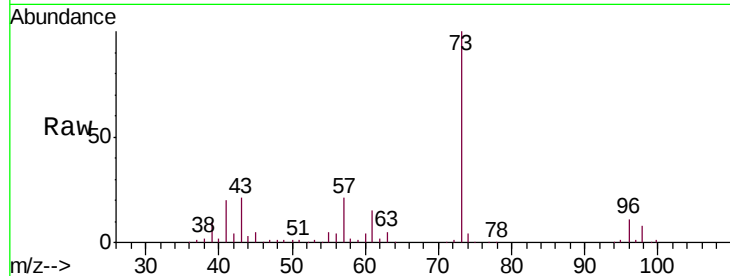




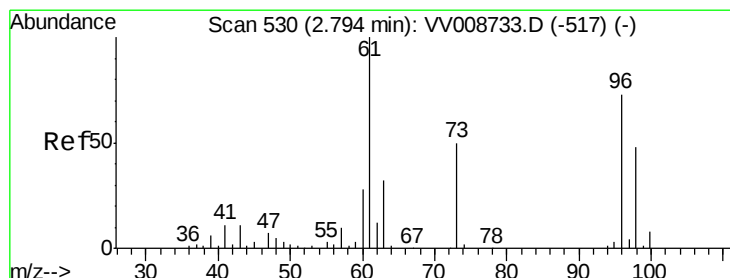
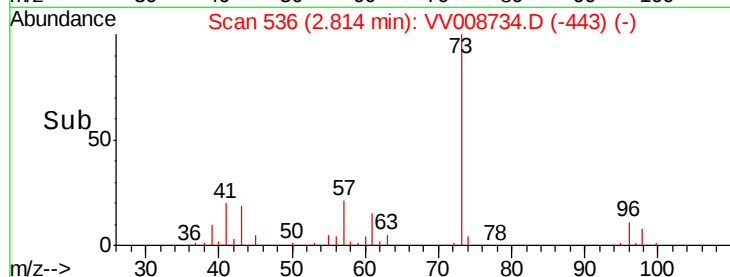
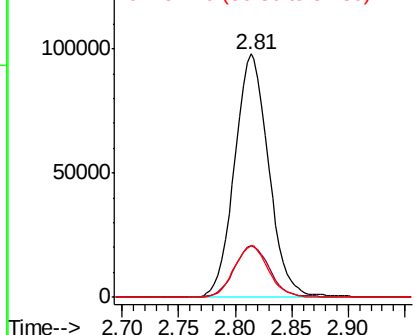
#17
Methyl tert-butyl Ether
Concen: 9.613 ug/L
RT: 2.81 min Scan# 536
Delta R.T. -0.00 min
Lab File: VV008734.D
Acq: 28 Nov 2018 13:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD01065

Tgt Ion: 73 Resp: 205464
Ion Ratio Lower Upper
73 100
43 21.8 17.9 26.9
57 21.5 17.4 26.0

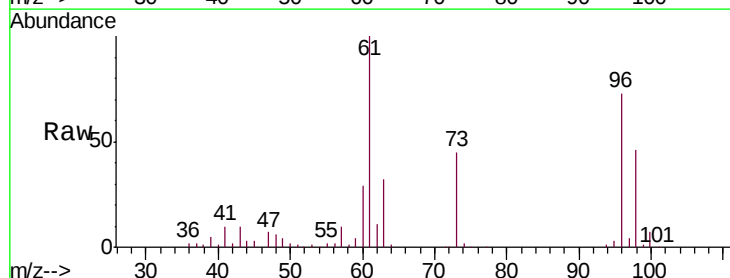


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

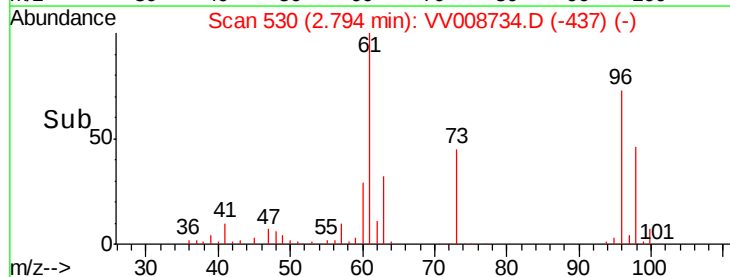
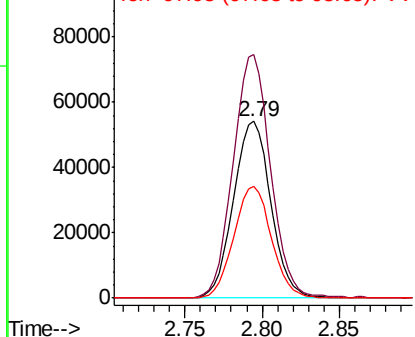


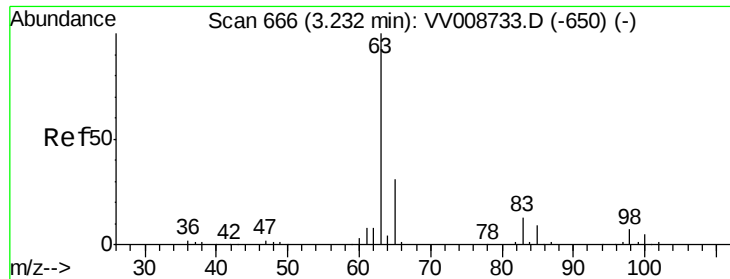
#18
trans-1,2-Dichloroethene
Concen: 10.203 ug/L
RT: 2.79 min Scan# 530
Delta R.T. -0.00 min
Lab File: VV008734.D
Acq: 28 Nov 2018 13:49

Tgt Ion: 96 Resp: 91175
Ion Ratio Lower Upper
96 100
61 137.8 96.5 179.1
98 63.2 46.3 86.1



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0

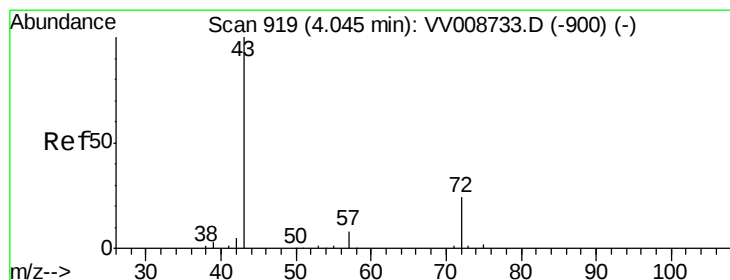
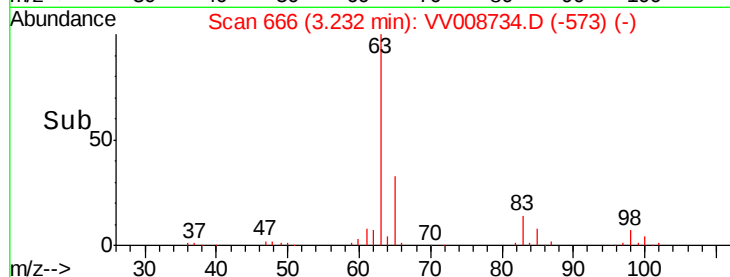
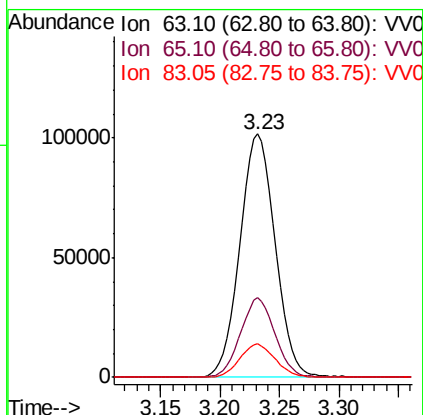
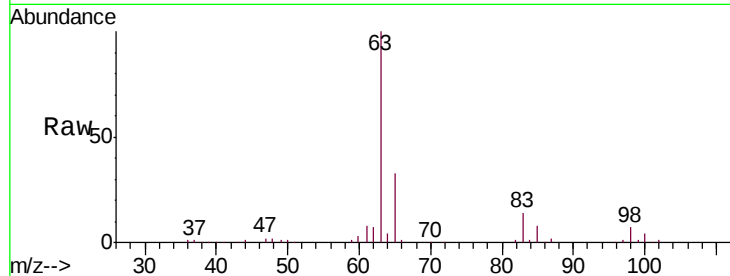




#19
 1,1-Dichloroethane
 Concen: 9.522 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VV008734.D
 Acq: 28 Nov 2018 13:49

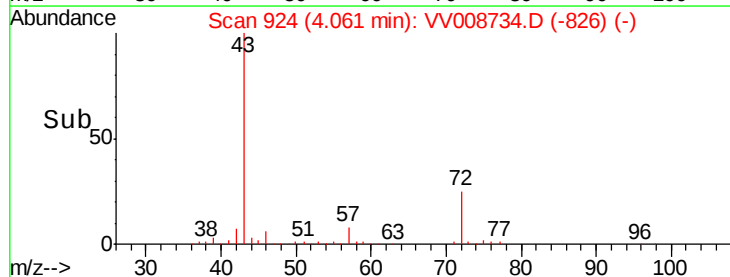
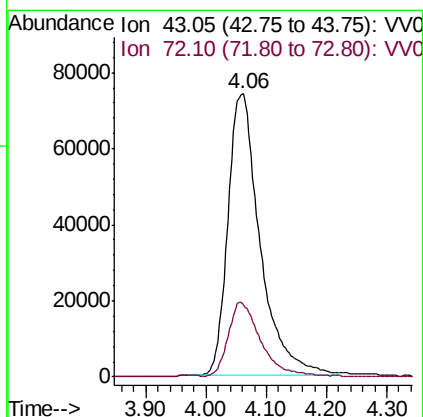
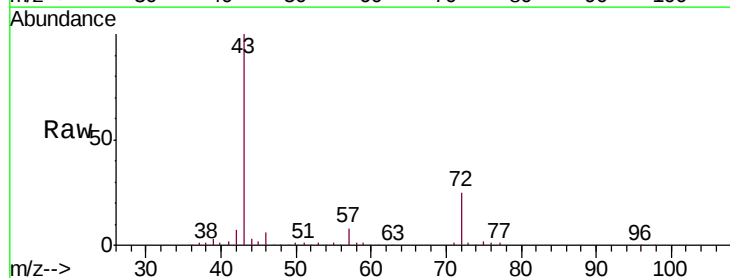
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

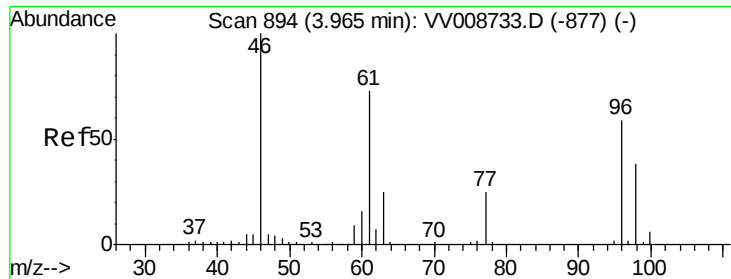
Tgt Ion: 63 Resp: 208939
 Ion Ratio Lower Upper
 63 100
 65 32.6 21.6 40.2
 83 13.6 9.2 17.2



#21
 2-Butanone
 Concen: 87.072 ug/L
 RT: 4.06 min Scan# 924
 Delta R.T. 0.02 min
 Lab File: VV008734.D
 Acq: 28 Nov 2018 13:49

Tgt Ion: 43 Resp: 274842
 Ion Ratio Lower Upper
 43 100
 72 26.6 12.4 37.2



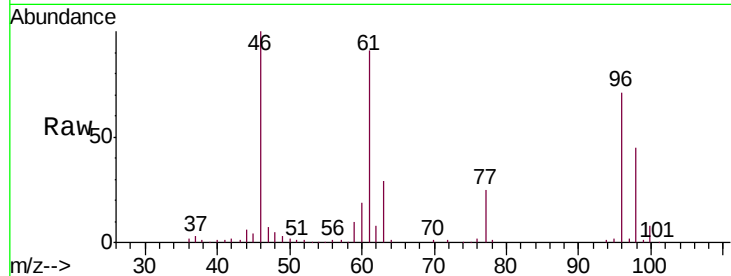


#22

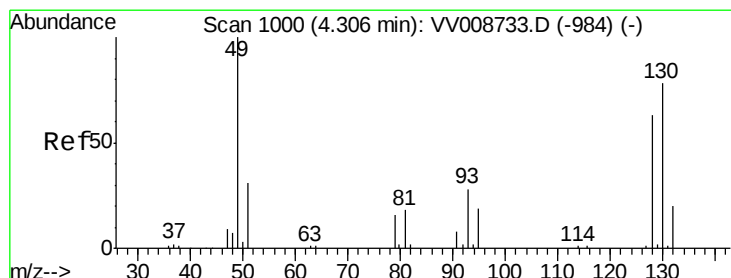
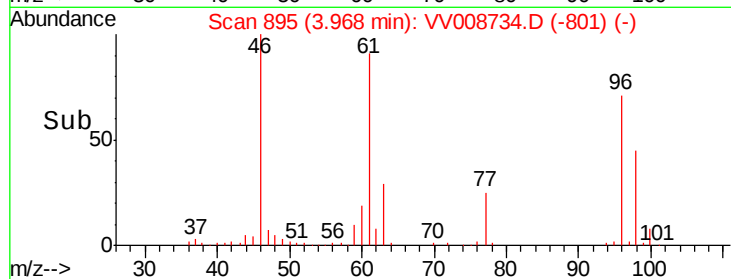
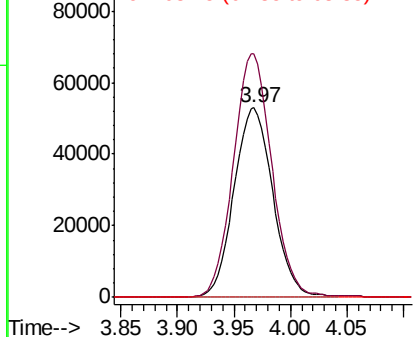
cis-1,2-Dichloroethene
 Concen: 9.687 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV008734.D
 Acq: 28 Nov 2018 13:49

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

Tgt Ion: 96 Resp: 127078
 Ion Ratio Lower Upper
 96 100
 61 128.2 86.9 161.3
 68 0.0 0.0 0.0



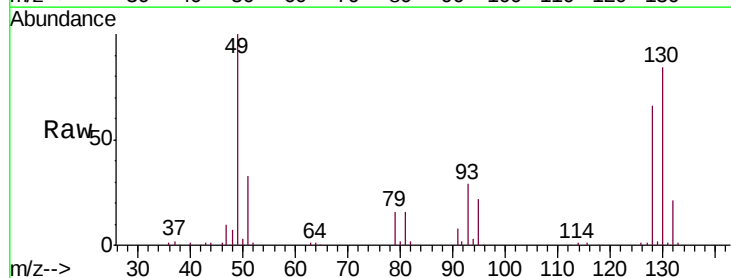
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



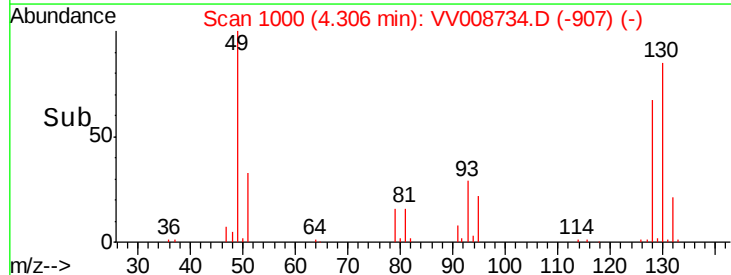
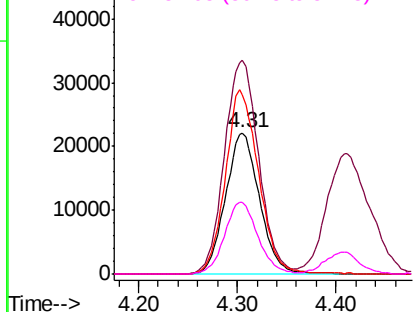
#23

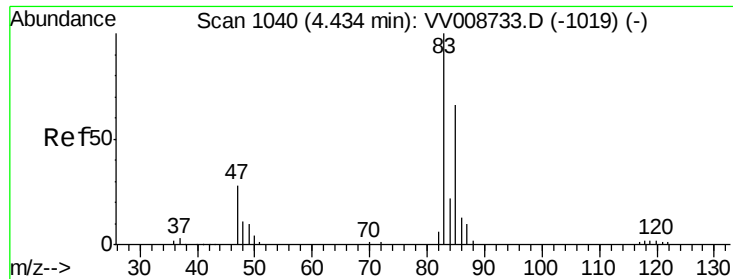
Bromochloromethane
 Concen: 10.505 ug/L
 RT: 4.31 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VV008734.D
 Acq: 28 Nov 2018 13:49

Tgt Ion: 128 Resp: 53271
 Ion Ratio Lower Upper
 128 100
 49 151.1 111.4 206.8
 130 126.8 86.8 161.2
 51 50.3 38.9 58.3



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

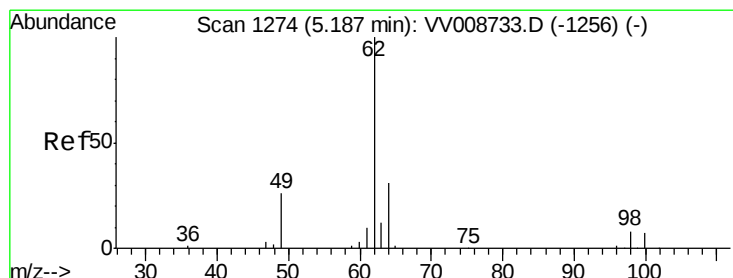
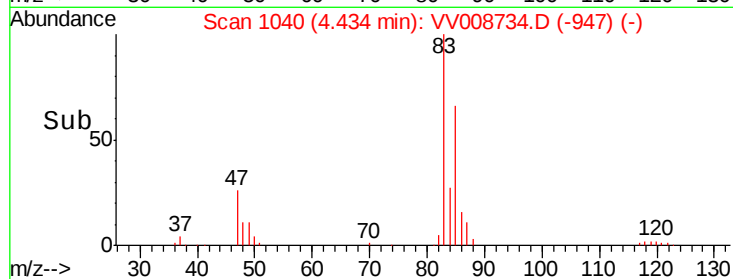
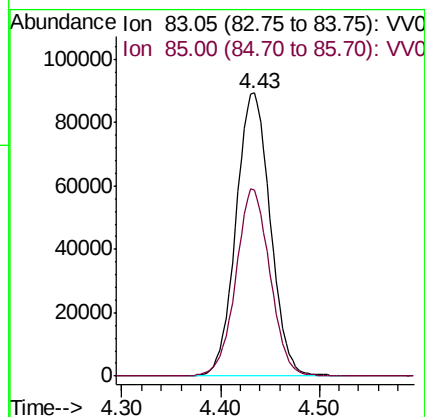
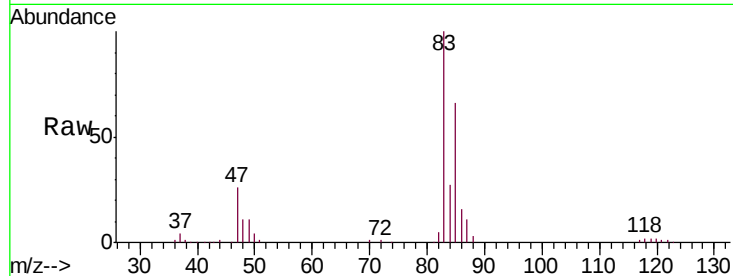




#25
Chloroform
Concen: 7.843 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VV008734.D
Acq: 28 Nov 2018 13:49

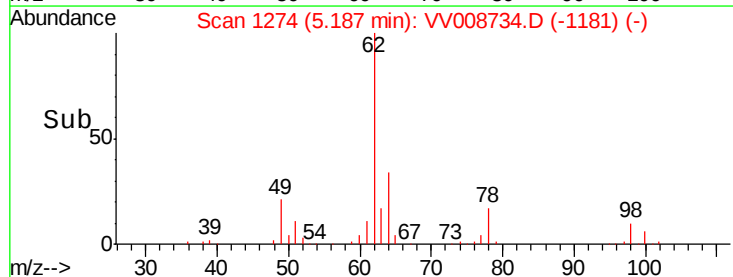
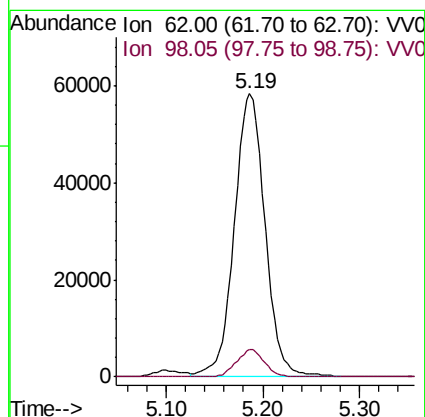
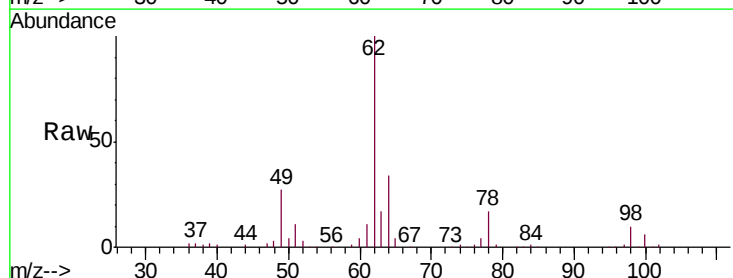
Instrument :
MSVOA_V
ClientSampleId :
VSTD01065

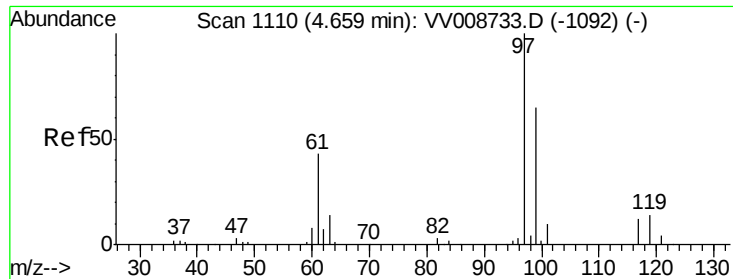
Tgt Ion: 83 Resp: 215750
Ion Ratio Lower Upper
83 100
85 65.8 46.4 86.2



#27
1,2-Dichloroethane
Concen: 9.303 ug/L
RT: 5.19 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VV008734.D
Acq: 28 Nov 2018 13:49

Tgt Ion: 62 Resp: 127767
Ion Ratio Lower Upper
62 100
98 9.7 6.6 9.8

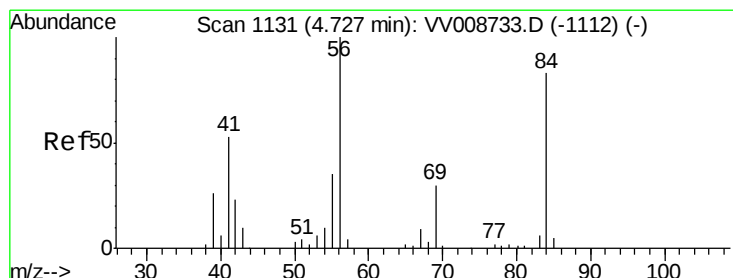
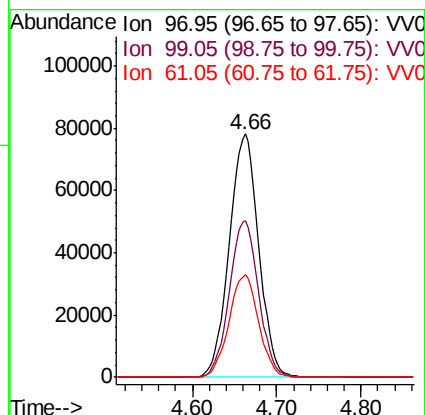
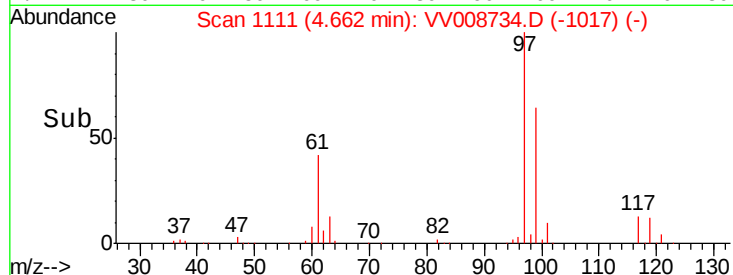
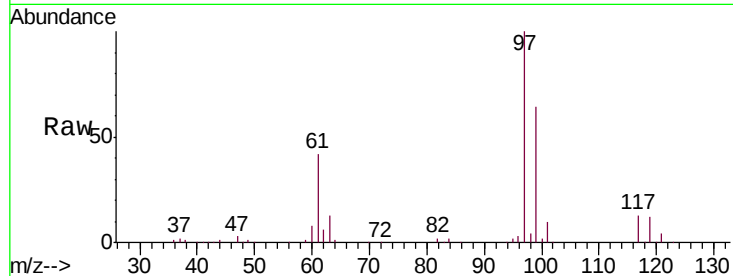




#29
 1,1,1-Trichloroethane
 Concen: 9.523 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VV008734.D
 Acq: 28 Nov 2018 13:49

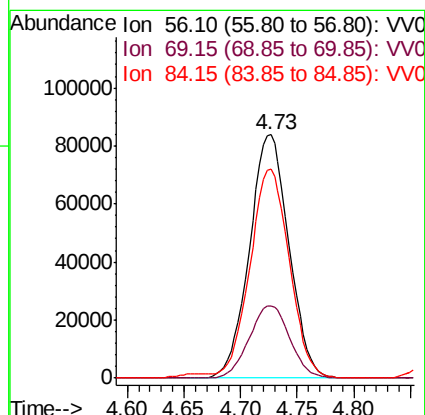
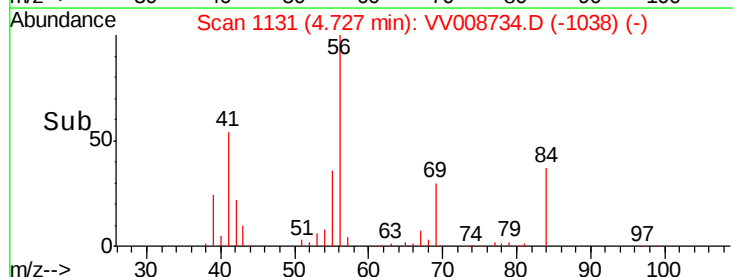
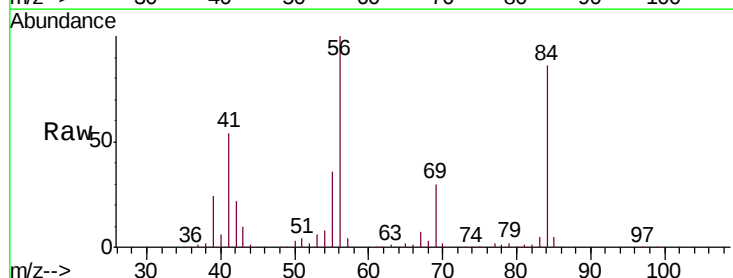
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

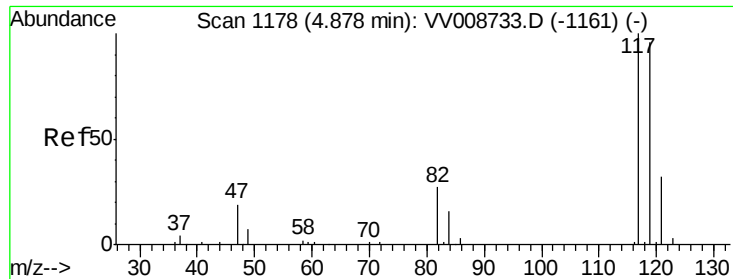
Tgt Ion: 97 Resp: 189500
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.3 76.9
 61 42.6 33.8 50.6



#30
 Cyclohexane
 Concen: 9.261 ug/L
 RT: 4.73 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VV008734.D
 Acq: 28 Nov 2018 13:49

Tgt Ion: 56 Resp: 203202
 Ion Ratio Lower Upper
 56 100
 69 30.4 24.9 37.3
 84 86.2 69.5 104.3





#31

Carbon tetrachloride

Concen: 9.609 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VV008734.D

Acq: 28 Nov 2018 13:49

Instrument :

MSVOA_V

ClientSampleId :

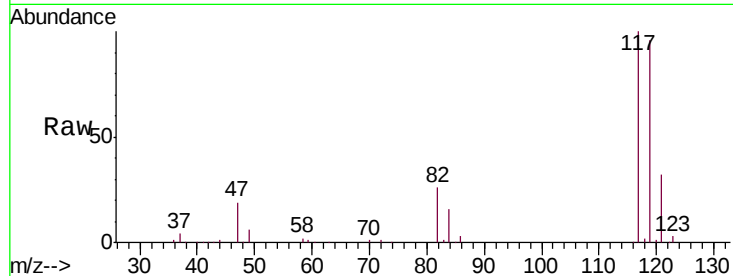
VSTD01065

Tgt Ion:117 Resp: 162076

Ion Ratio Lower Upper

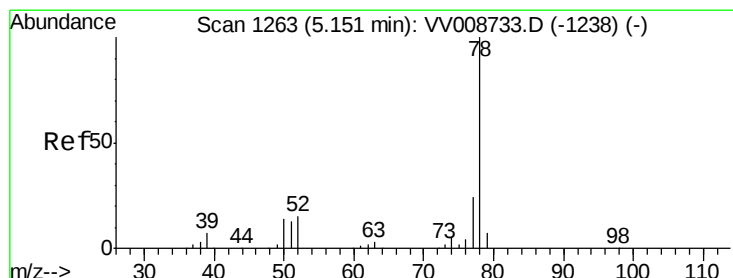
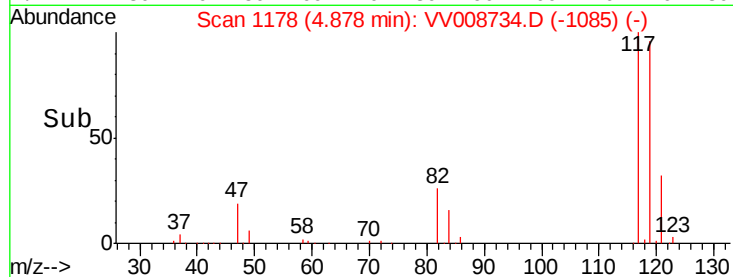
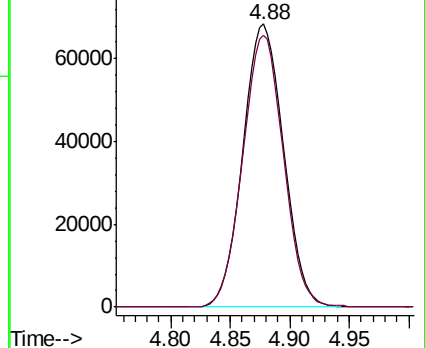
117 100

119 96.1 77.0 115.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 9.554 ug/L

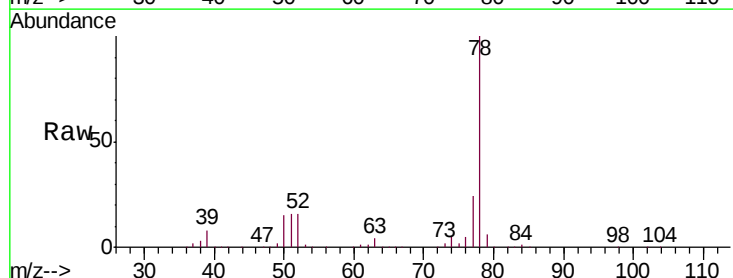
RT: 5.15 min Scan# 1263

Delta R.T. -0.00 min

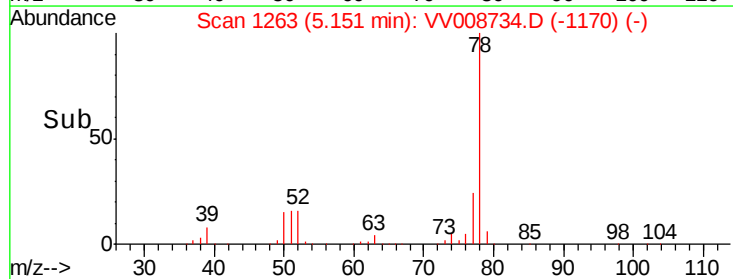
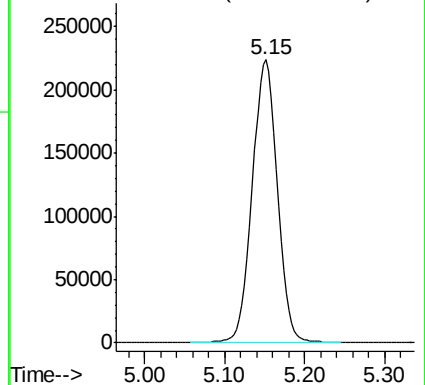
Lab File: VV008734.D

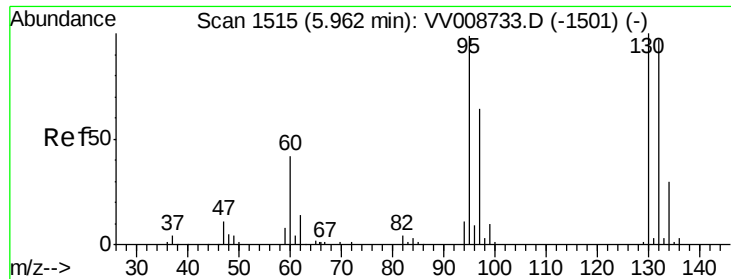
Acq: 28 Nov 2018 13:49

Tgt Ion: 78 Resp: 476298



Abundance Ion 78.10 (77.80 to 78.80): VV0

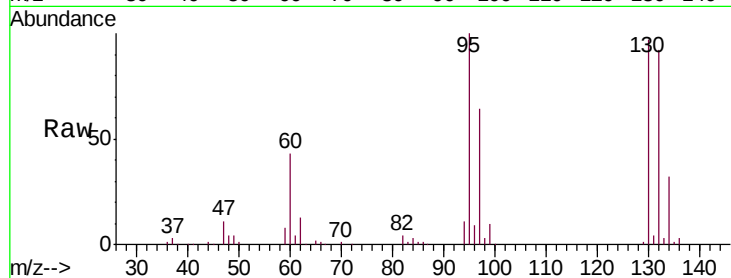




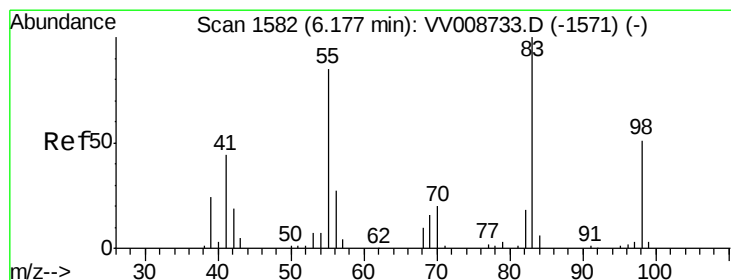
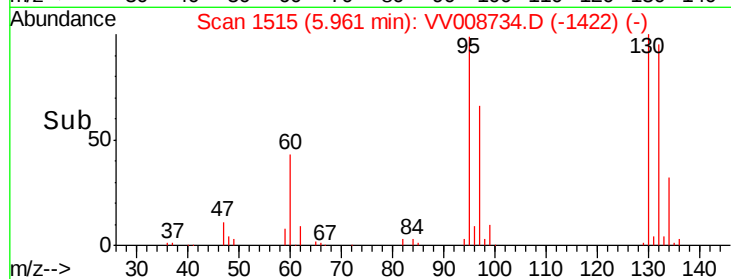
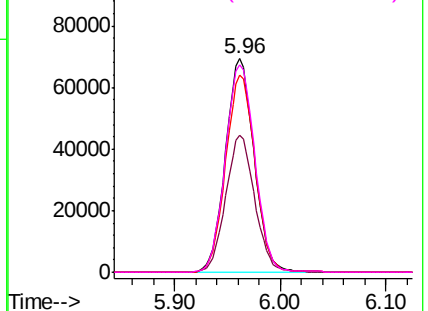
#34
 Trichloroethene
 Concen: 9.787 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: VV008734.D
 Acq: 28 Nov 2018 13:49

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

Tgt Ion: 95 Resp: 130521
 Ion Ratio Lower Upper
 95 100
 97 64.2 45.1 83.9
 132 92.4 68.0 126.4
 130 97.2 70.4 130.8

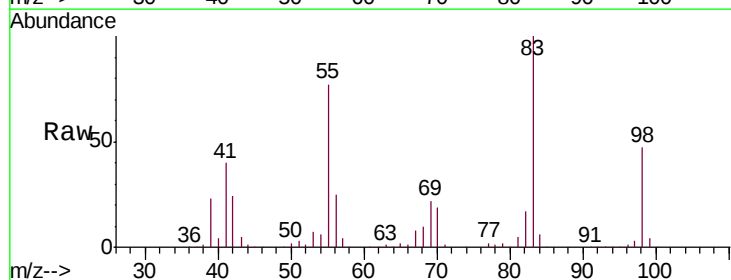


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

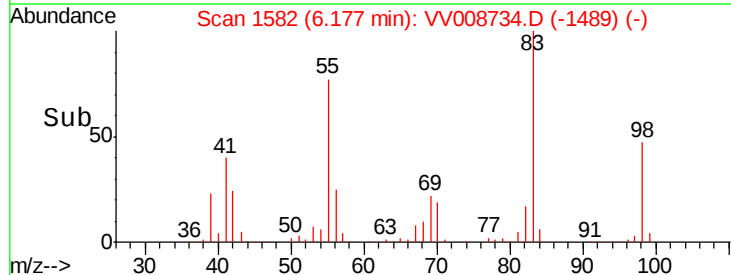
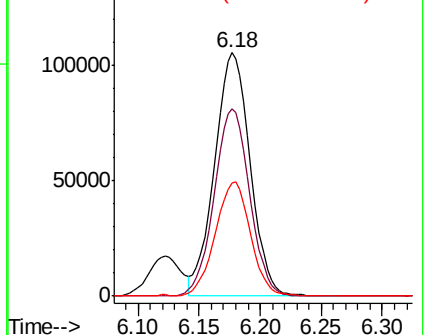


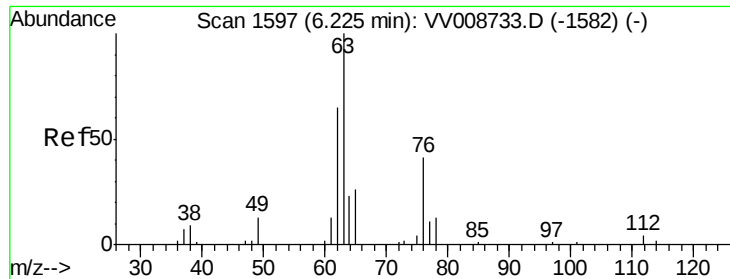
#35
 Methylcyclohexane
 Concen: 9.697 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: VV008734.D
 Acq: 28 Nov 2018 13:49

Tgt Ion: 83 Resp: 216435
 Ion Ratio Lower Upper
 83 100
 55 76.6 62.2 93.2
 98 46.6 37.1 55.7



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

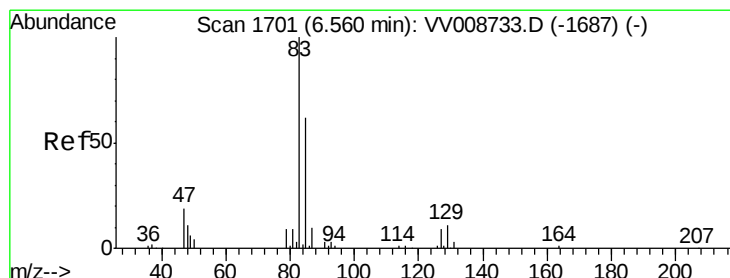
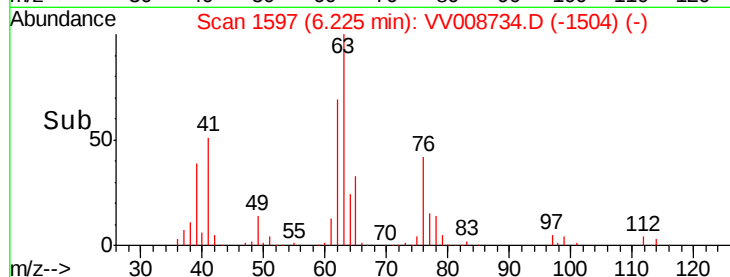
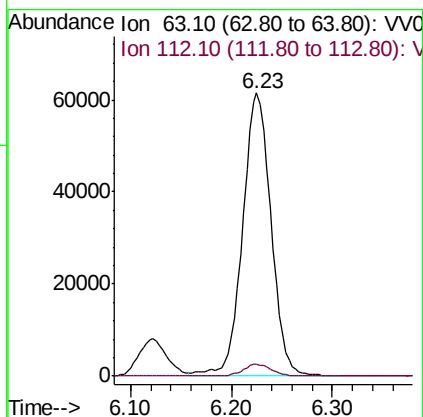
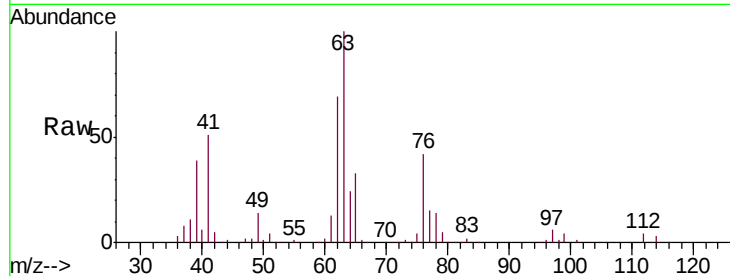




#37
 1,2-Dichloropropane
 Concen: 9.174 ug/L
 RT: 6.23 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: VV008734.D
 Acq: 28 Nov 2018 13:49

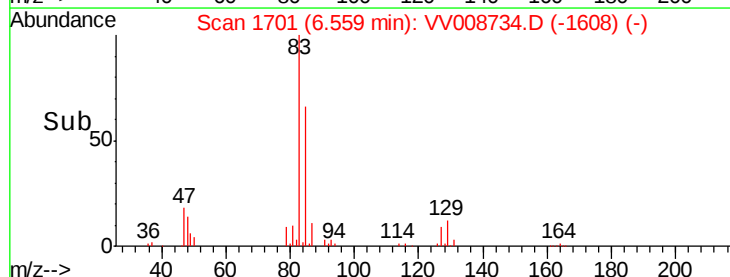
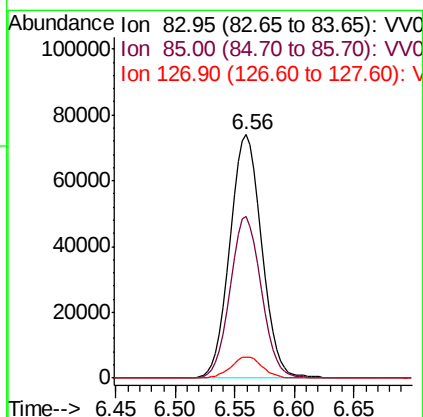
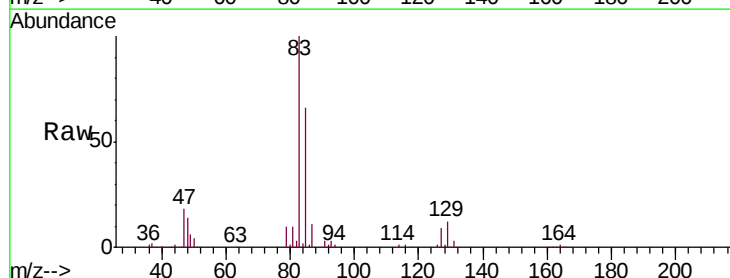
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

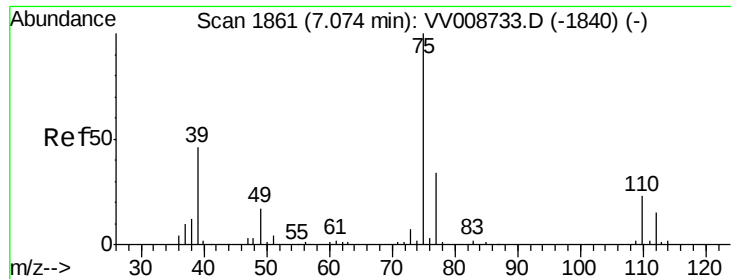
Tgt Ion: 63 Resp: 119663
 Ion Ratio Lower Upper
 63 100
 112 4.1 3.2 4.8



#38
 Bromodichloromethane
 Concen: 8.697 ug/L
 RT: 6.56 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: VV008734.D
 Acq: 28 Nov 2018 13:49

Tgt Ion: 83 Resp: 137788
 Ion Ratio Lower Upper
 83 100
 85 66.2 43.8 81.3
 127 8.8 7.0 10.6

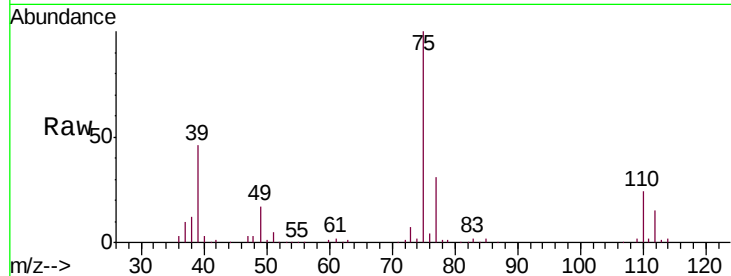




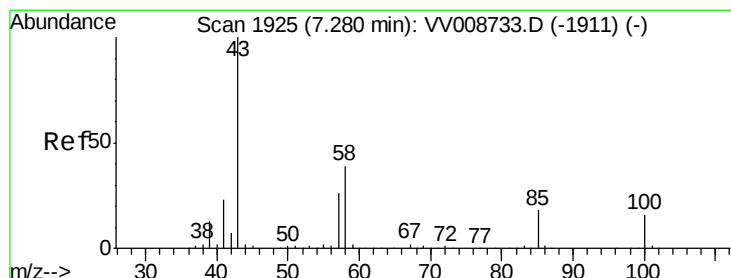
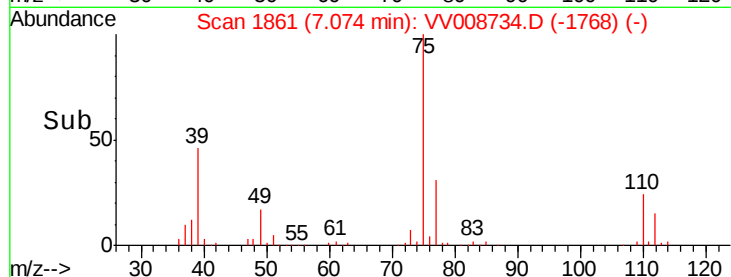
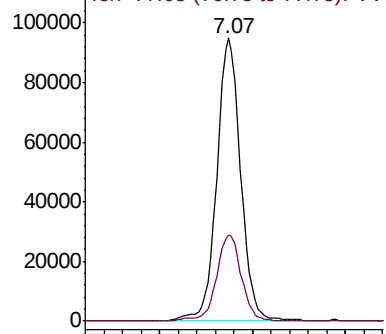
#39
 cis-1,3-Dichloropropene
 Concen: 9.648 ug/L
 RT: 7.07 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VV008734.D
 Acq: 28 Nov 2018 13:49

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

Tgt Ion: 75 Resp: 170073
 Ion Ratio Lower Upper
 75 100
 77 30.7 23.8 44.2

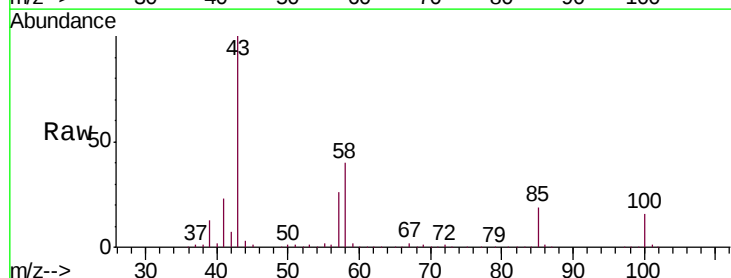


Abundance Ion 75.05 (74.75 to 75.75): VV0
 Ion 77.05 (76.75 to 77.75): VV0

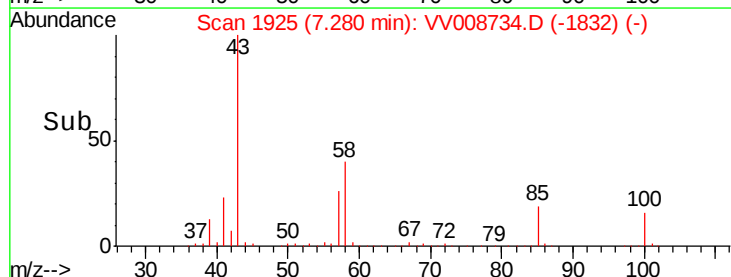
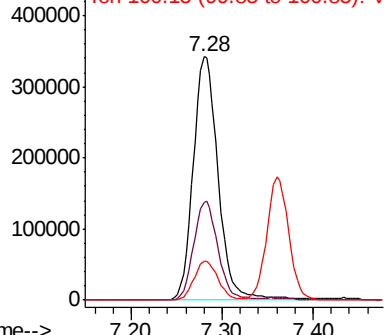


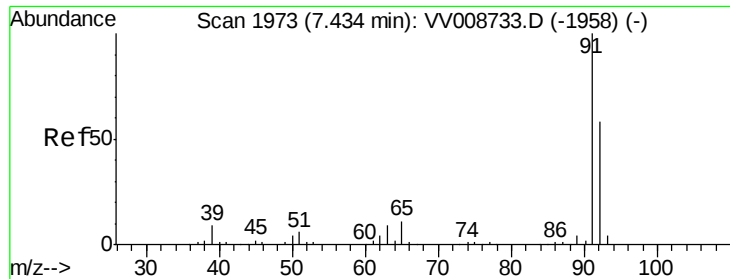
#40
 4-Methyl-2-pentanone
 Concen: 86.736 ug/L
 RT: 7.28 min Scan# 1925
 Delta R.T. -0.00 min
 Lab File: VV008734.D
 Acq: 28 Nov 2018 13:49

Tgt Ion: 43 Resp: 651684
 Ion Ratio Lower Upper
 43 100
 58 39.5 30.6 45.8
 100 15.4 12.2 18.4



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





#42

Toluene

Concen: 9.669 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VV008734.D

Acq: 28 Nov 2018 13:49

Instrument :

MSVOA_V

ClientSampleId :

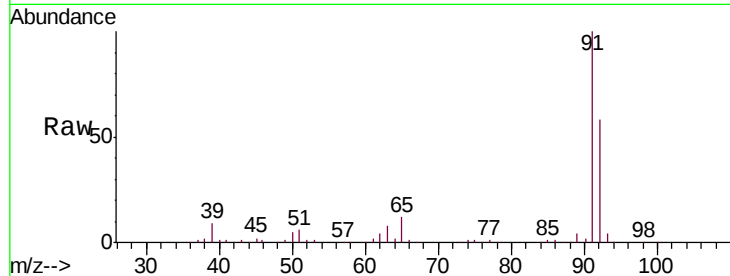
VSTD01065

Tgt Ion: 91 Resp: 503093

Ion Ratio Lower Upper

91 100

92 57.6 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VV008733.D (-1958) (-)

Ion 92.15 (91.85 to 92.85): VV008733.D (-1958) (-)

7.43

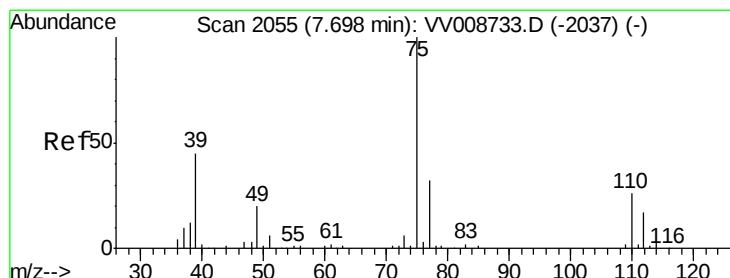
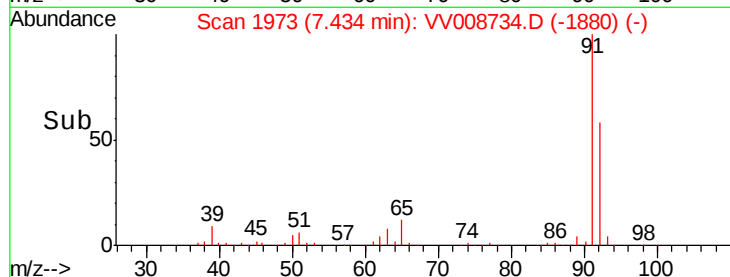
300000

200000

100000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 9.438 ug/L

RT: 7.70 min Scan# 2055

Delta R.T. -0.00 min

Lab File: VV008734.D

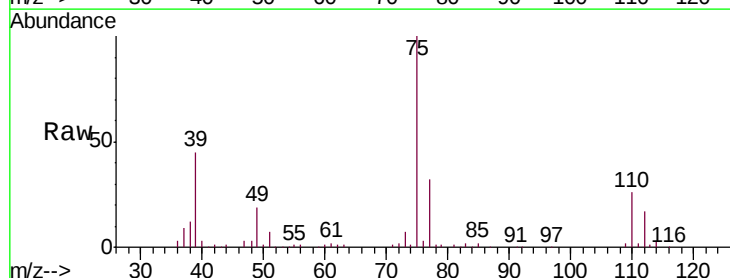
Acq: 28 Nov 2018 13:49

Tgt Ion: 75 Resp: 133088

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5



Abundance Ion 75.05 (74.75 to 75.75): VV008733.D (-2037) (-)

Ion 77.05 (76.75 to 77.75): VV008733.D (-2037) (-)

7.70

80000

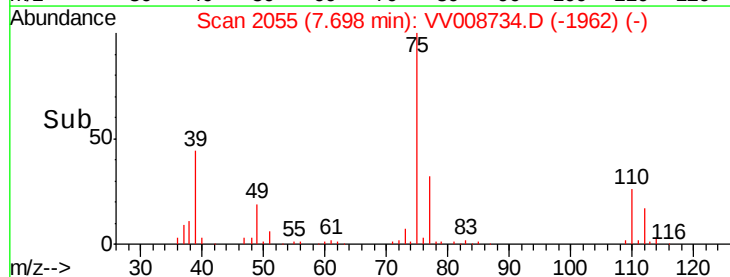
60000

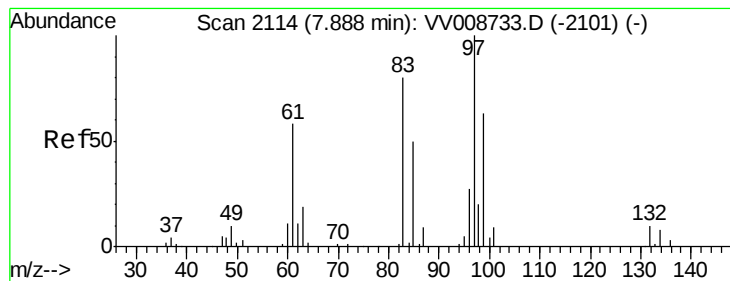
40000

20000

0

Time-->





#45

1,1,2-Trichloroethane

Concen: 9.581 ug/L

RT: 7.89 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VV008734.D

Acq: 28 Nov 2018 13:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

Tgt Ion: 97 Resp: 79996

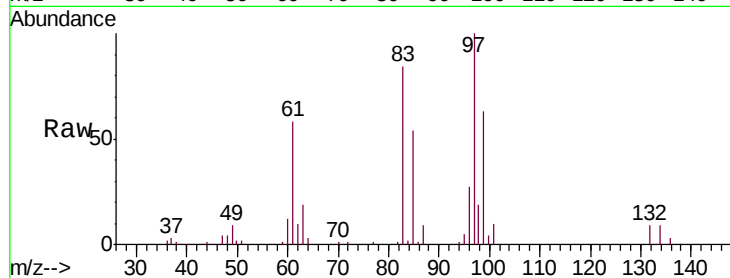
Ion Ratio Lower Upper

97 100

99 62.5 43.8 81.4

83 83.6 55.8 103.6

85 54.4 34.6 64.3

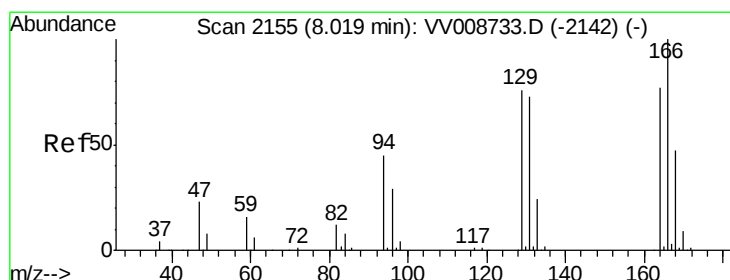
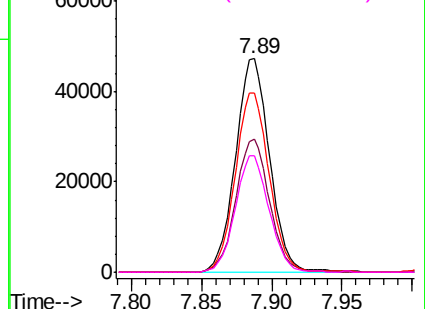
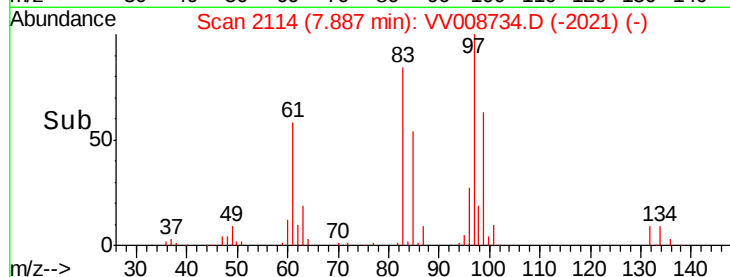


Abundance Ion 96.95 (96.65 to 97.65): VV0

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: 10.273 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV008734.D

Acq: 28 Nov 2018 13:49

Tgt Ion: 164 Resp: 100154

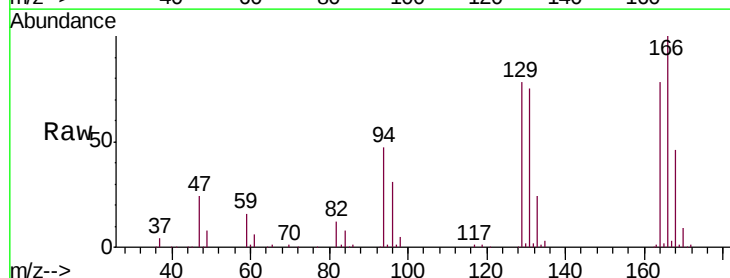
Ion Ratio Lower Upper

164 100

129 99.8 68.9 127.9

131 96.7 66.2 123.0

166 128.1 91.1 169.1

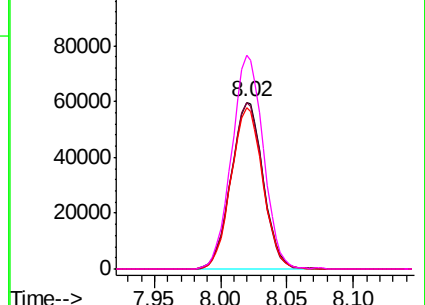
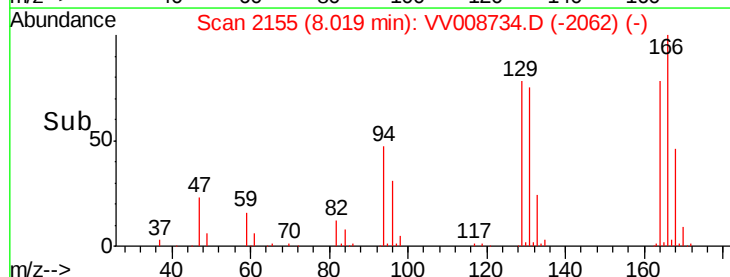


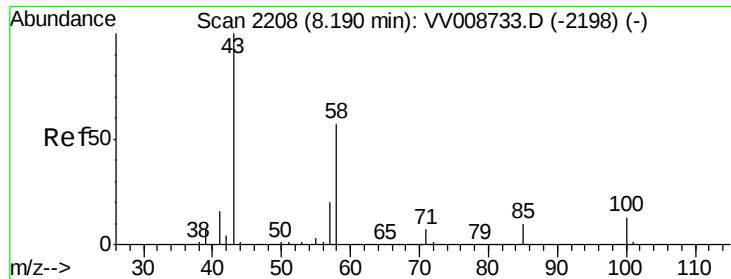
Abundance Ion 163.90 (163.60 to 164.60): V

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

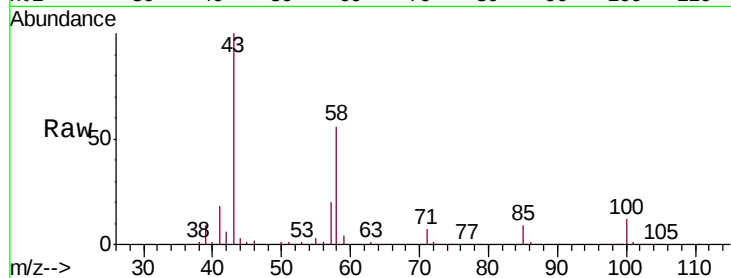




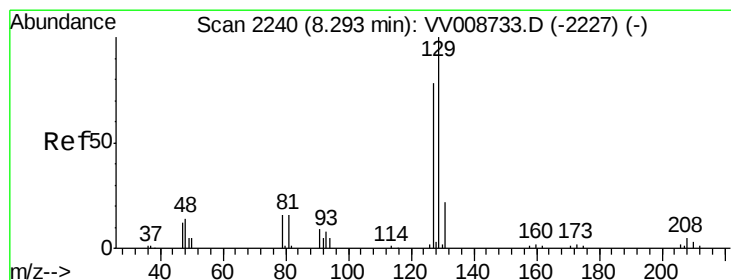
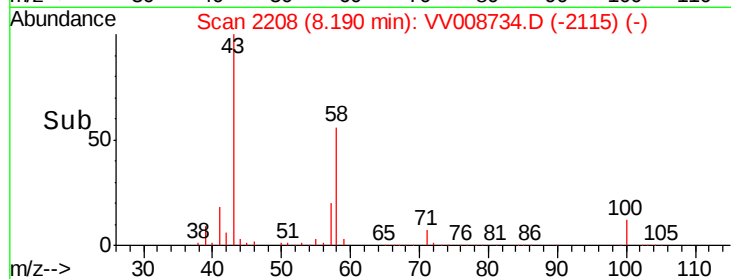
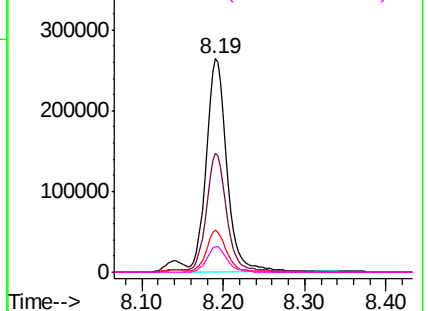
#48
2-Hexanone
Concen: 92.373 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VV008734.D
Acq: 28 Nov 2018 13:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD01065

Tgt Ion: 43 Resp: 467997
Ion Ratio Lower Upper
43 100
58 55.1 44.1 66.1
57 19.1 15.2 22.8
100 11.9 9.7 14.5

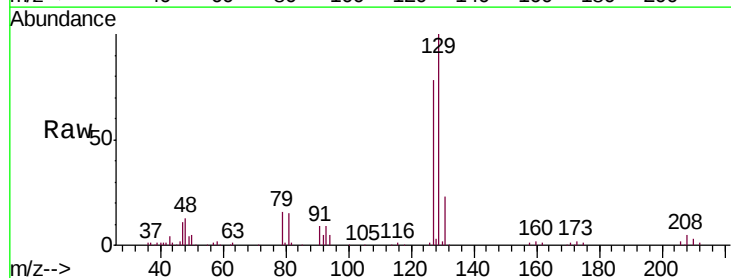


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

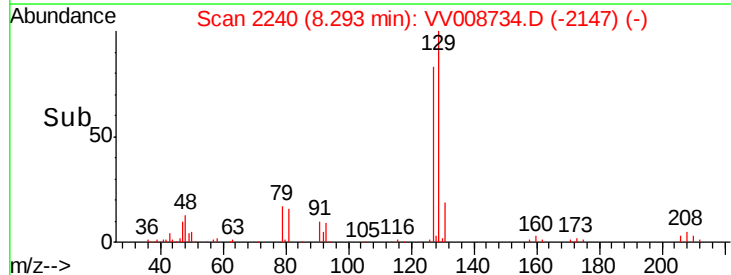
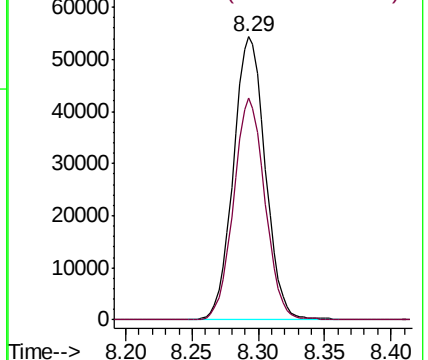


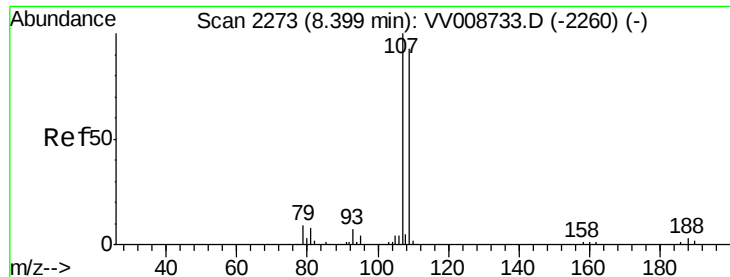
#49
Dibromochloromethane
Concen: 9.715 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VV008734.D
Acq: 28 Nov 2018 13:49

Tgt Ion: 129 Resp: 90938
Ion Ratio Lower Upper
129 100
127 78.2 54.8 101.8



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

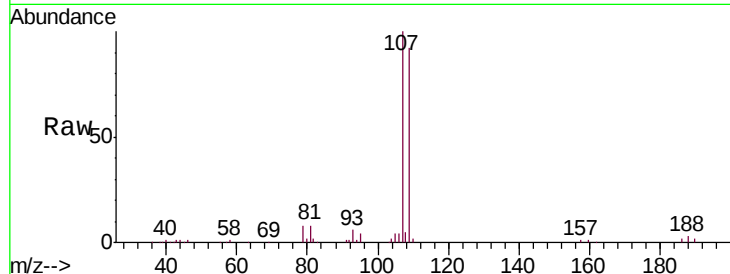




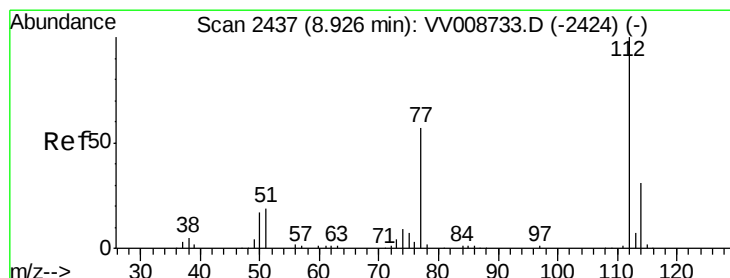
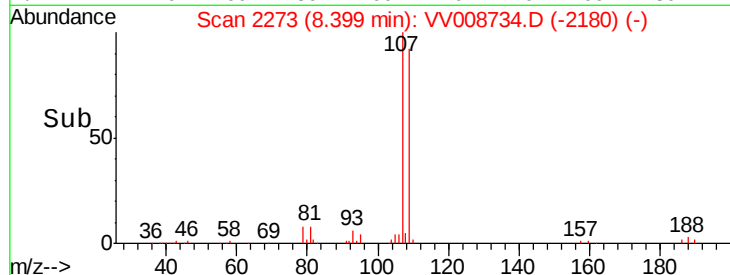
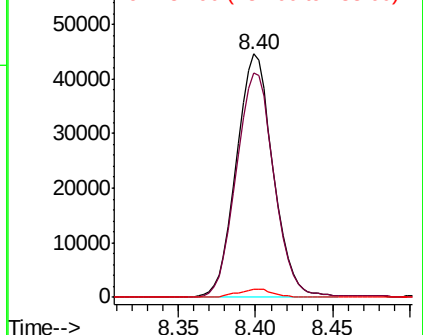
#50
1,2-Dibromoethane
Concen: 9.826 ug/L
RT: 8.40 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VV008734.D
Acq: 28 Nov 2018 13:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD01065

Tgt Ion:107 Resp: 73937
Ion Ratio Lower Upper
107 100
109 92.1 65.2 121.2
188 3.4 2.3 3.5

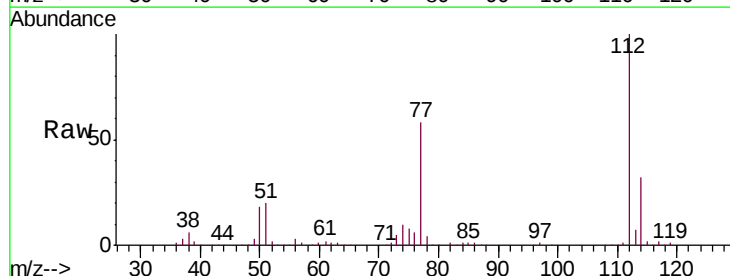


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

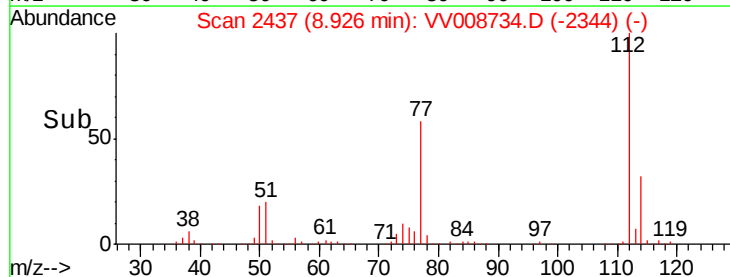
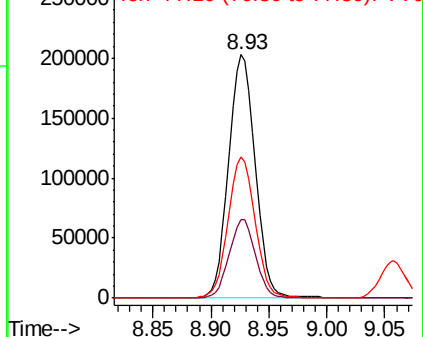


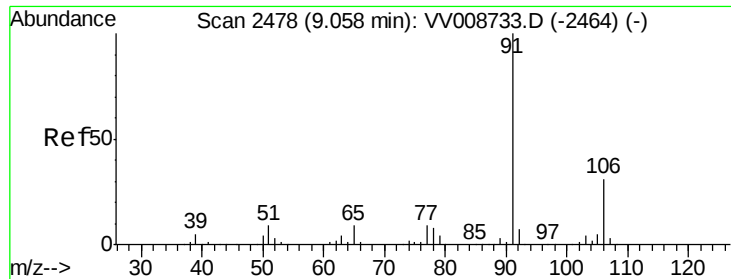
#51
Chlorobenzene
Concen: 9.894 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VV008734.D
Acq: 28 Nov 2018 13:49

Tgt Ion:112 Resp: 321445
Ion Ratio Lower Upper
112 100
114 32.5 21.4 39.8
77 58.1 45.8 68.8



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: 9.650 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. -0.00 min

Lab File: VV008734.D

Acq: 28 Nov 2018 13:49

Instrument :

MSVOA_V

ClientSampleId :

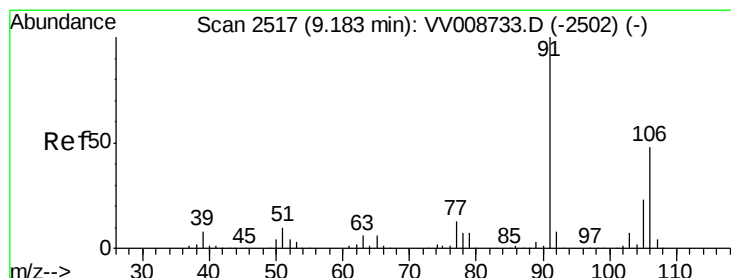
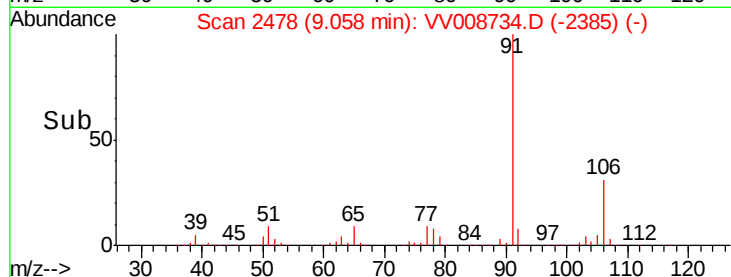
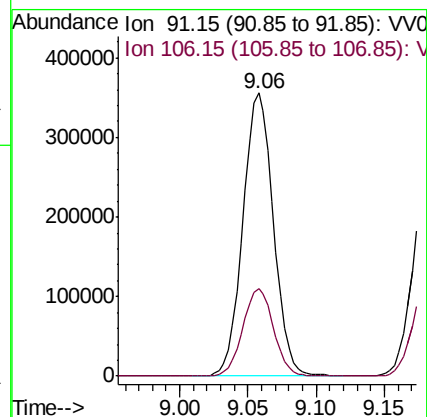
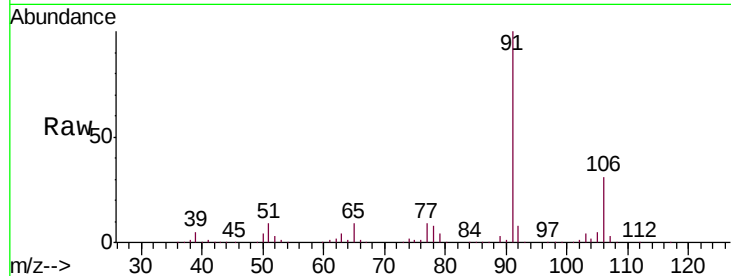
VSTD01065

Tgt Ion: 91 Resp: 551499

Ion Ratio Lower Upper

91 100

106 31.1 21.6 40.2



#53

m,p-xylene

Concen: 9.827 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. -0.00 min

Lab File: VV008734.D

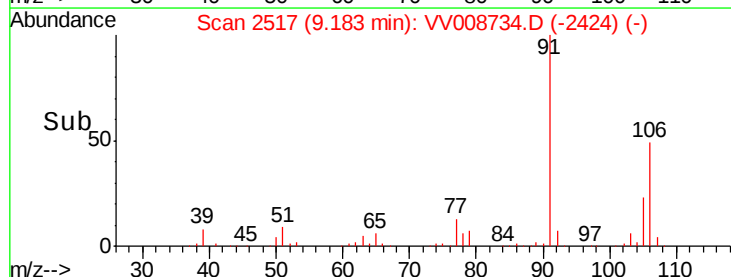
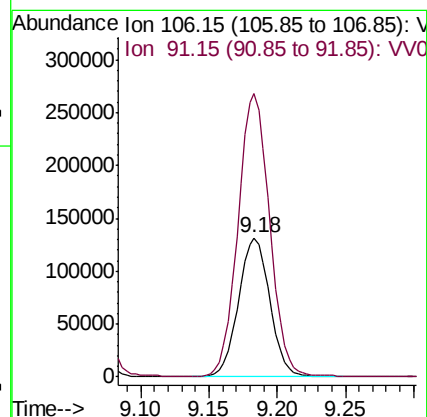
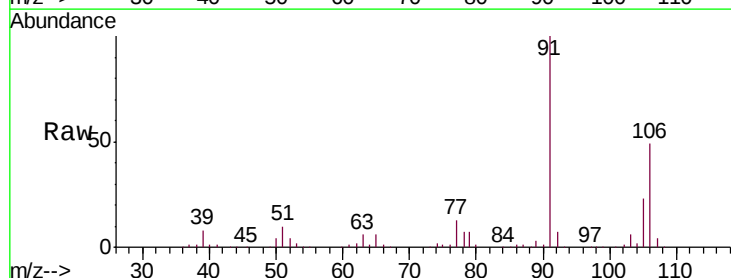
Acq: 28 Nov 2018 13:49

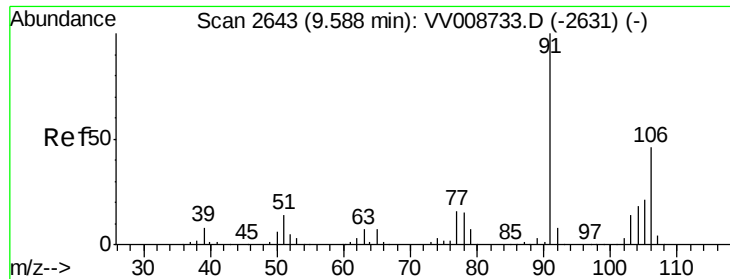
Tgt Ion: 106 Resp: 208707

Ion Ratio Lower Upper

106 100

91 203.3 145.1 269.5

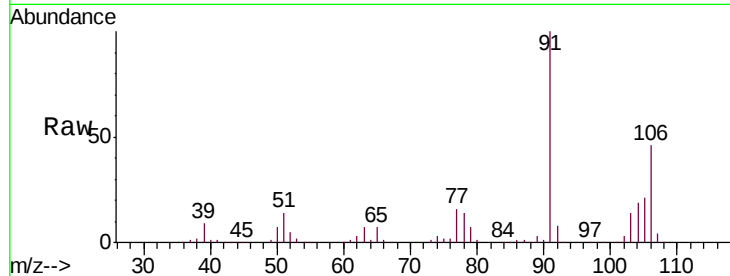




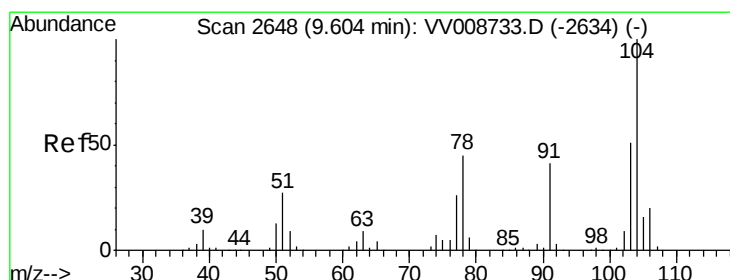
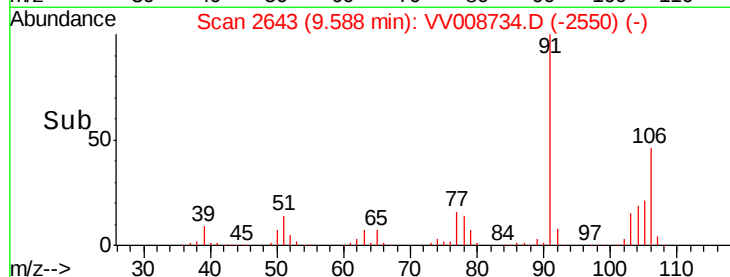
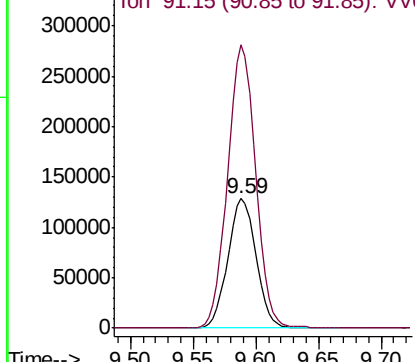
#54
o-xylene
Concen: 9.721 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. -0.00 min
Lab File: VV008734.D
Acq: 28 Nov 2018 13:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD01065

Tgt Ion:106 Resp: 200388
Ion Ratio Lower Upper
106 100
91 218.8 152.0 282.4

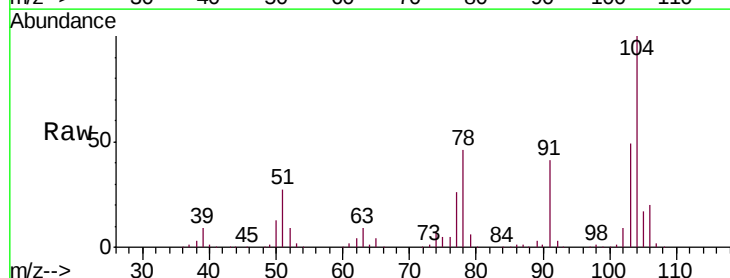


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

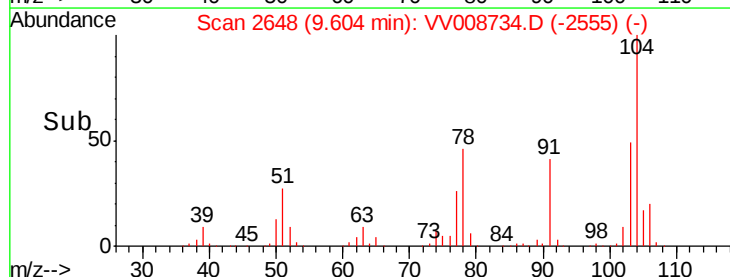
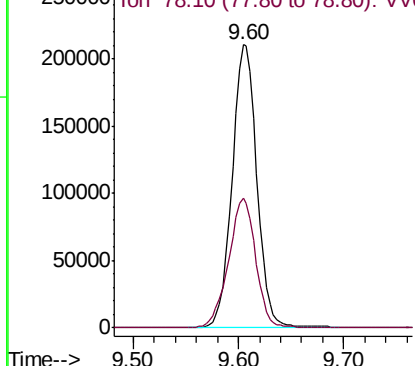


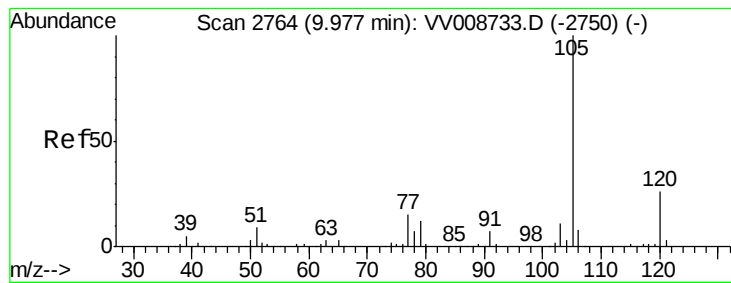
#55
Styrene
Concen: 10.254 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. -0.00 min
Lab File: VV008734.D
Acq: 28 Nov 2018 13:49

Tgt Ion:104 Resp: 341714
Ion Ratio Lower Upper
104 100
78 45.8 31.4 58.2



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 9.820 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. -0.00 min

Lab File: VV008734.D

Acq: 28 Nov 2018 13:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

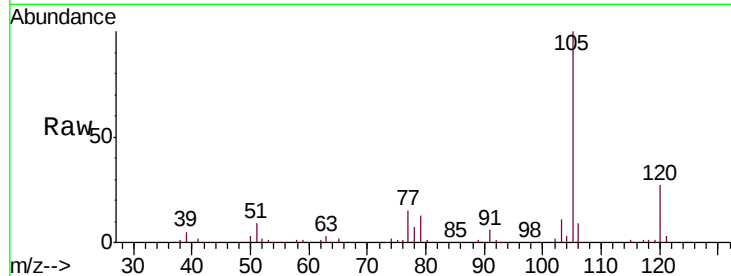
Tgt Ion: 105 Resp: 542517

Ion Ratio Lower Upper

105 100

120 26.8 21.4 32.2

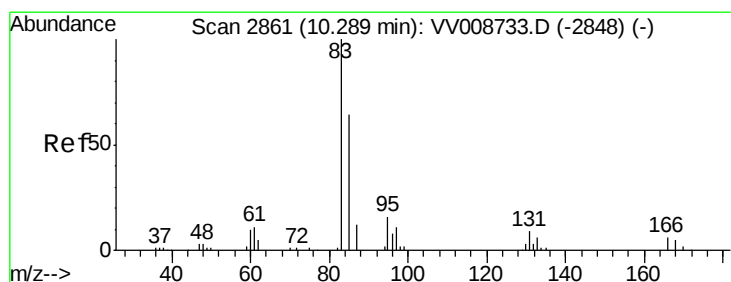
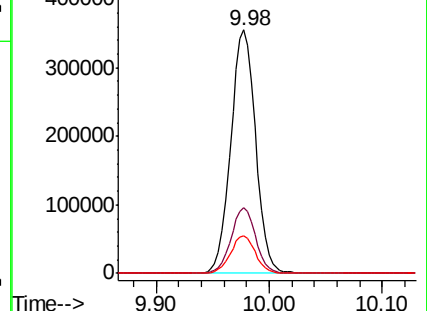
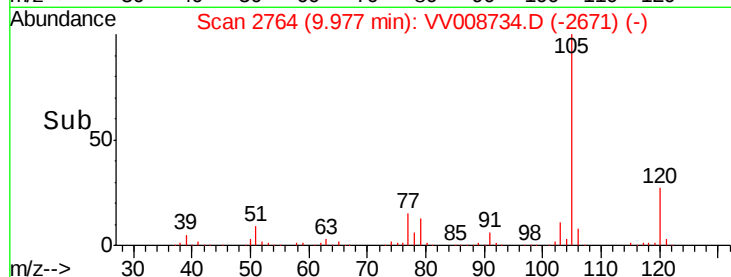
77 15.3 12.4 18.6



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: 9.157 ug/L

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VV008734.D

Acq: 28 Nov 2018 13:49

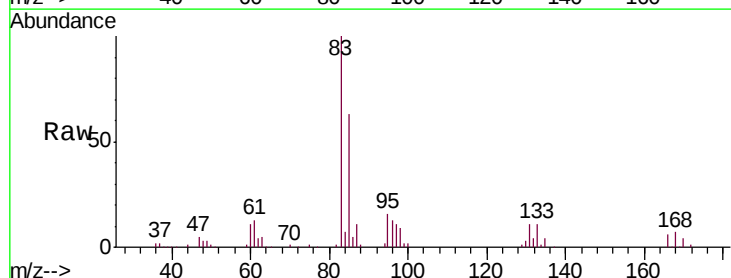
Tgt Ion: 83 Resp: 88845

Ion Ratio Lower Upper

83 100

85 63.4 44.9 83.3

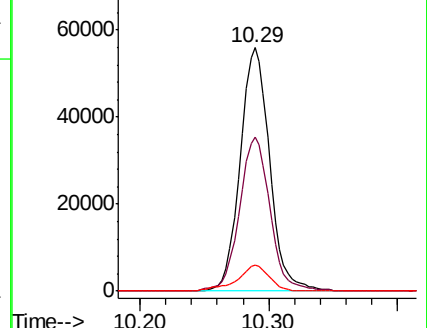
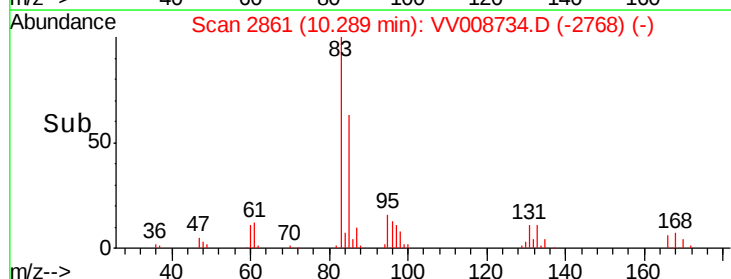
131 10.8 7.8 11.8

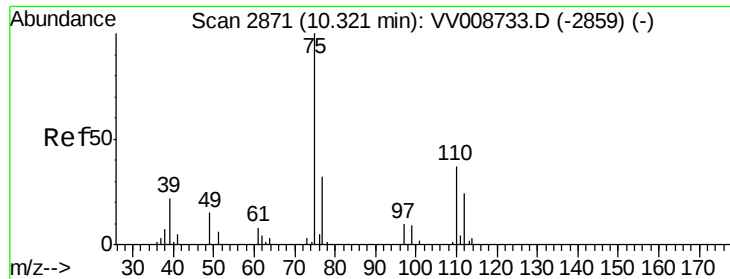


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 9.095 ug/L

RT: 10.32 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VV008734.D

Acq: 28 Nov 2018 13:49

Instrument :

MSVOA_V

ClientSampleId :

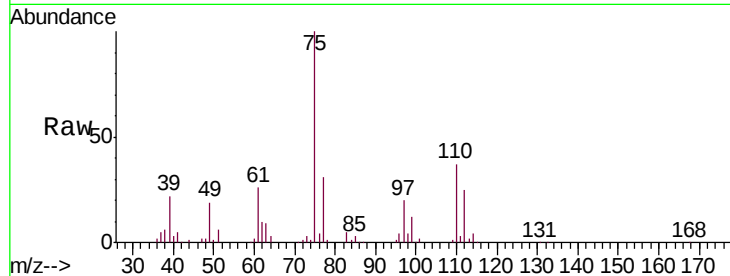
VSTD01065

Tgt Ion: 75 Resp: 67156

Ion Ratio Lower Upper

75 100

77 32.5 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VV008733.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV008733.D (-2859) (-)

10.32

40000

30000

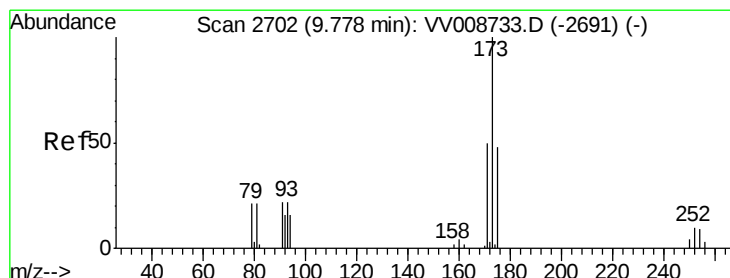
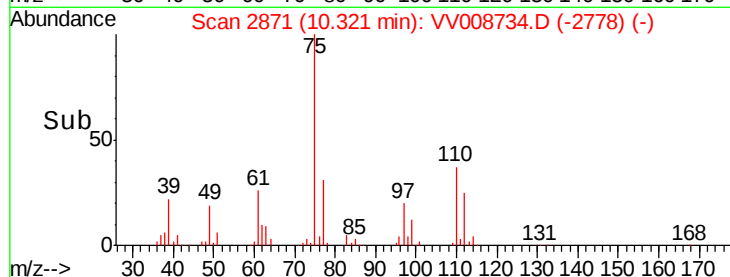
20000

10000

0

Time-->

10.25 10.30 10.35 10.40



#61

Bromoform

Concen: 8.992 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. -0.00 min

Lab File: VV008734.D

Acq: 28 Nov 2018 13:49

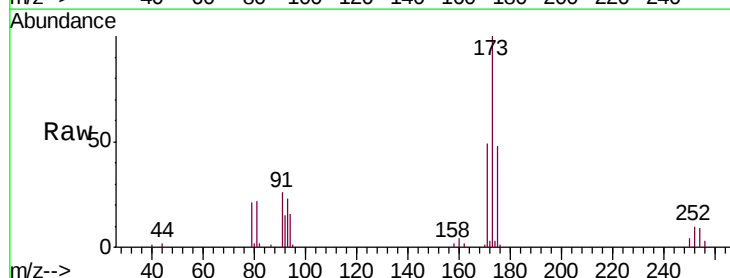
Tgt Ion: 173 Resp: 43952

Ion Ratio Lower Upper

173 100

175 48.4 38.4 57.6

254 8.9 6.6 10.0



Abundance Ion 172.90 (172.60 to 173.60): VV008733.D (-2691) (-)

Ion 174.90 (174.60 to 175.60): VV008733.D (-2691) (-)

Ion 253.75 (253.45 to 254.45): VV008733.D (-2691) (-)

9.78

30000

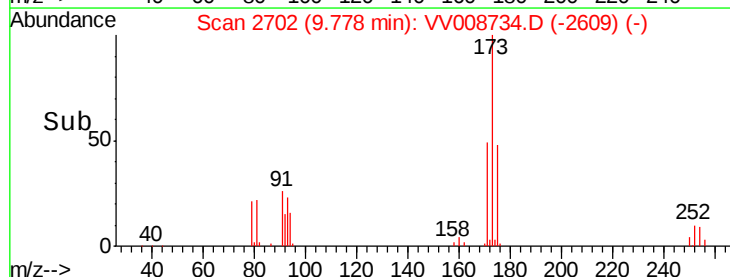
20000

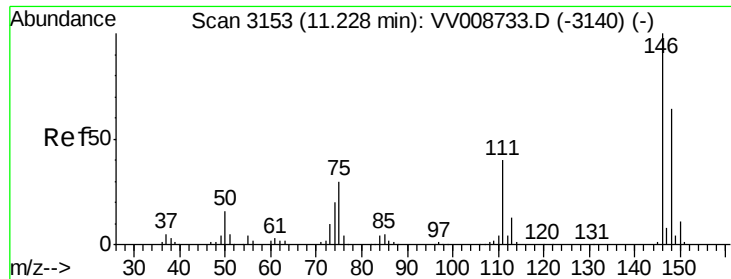
10000

0

Time-->

9.70 9.75 9.80 9.85 9.90

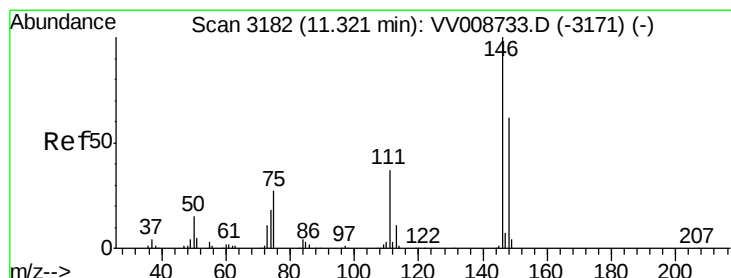
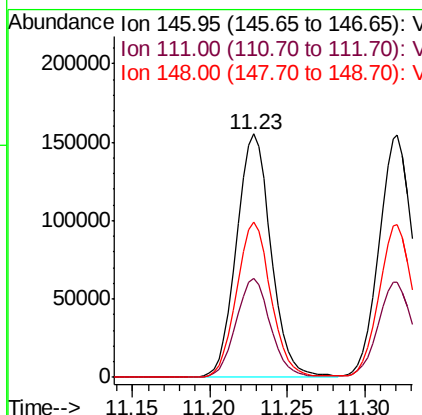
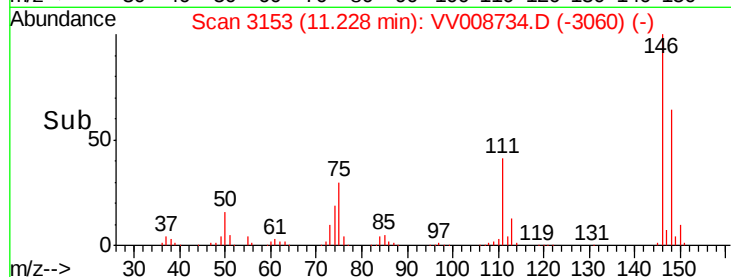
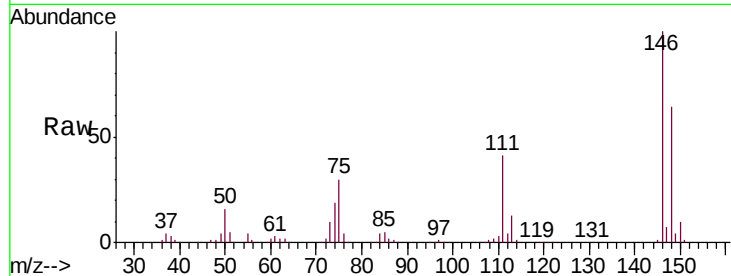




#62
 1,3-Dichlorobenzene
 Concen: 9.606 ug/L
 RT: 11.23 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: VV008734.D
 Acq: 28 Nov 2018 13:49

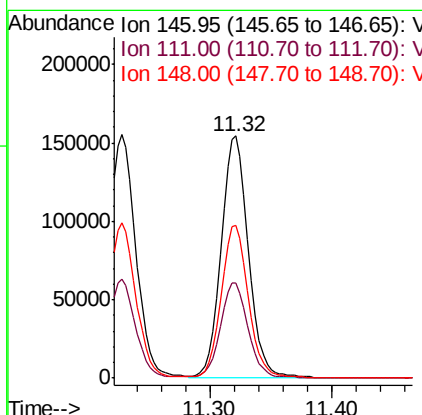
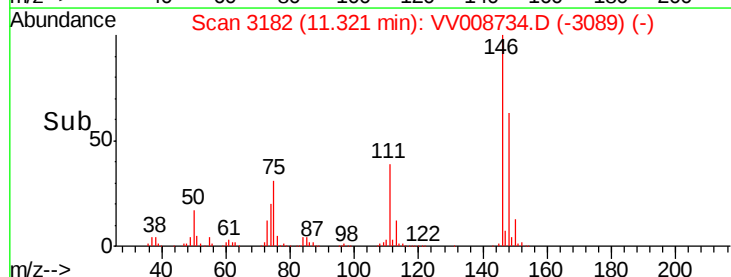
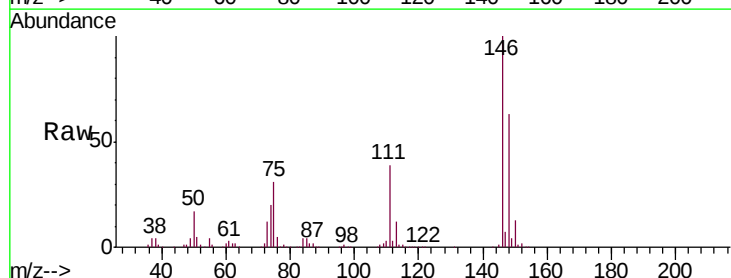
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

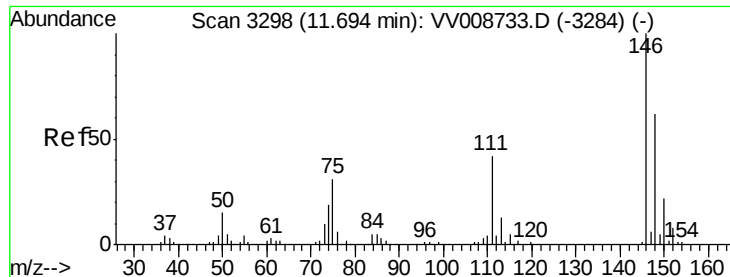
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	27.9	51.7
148	63.6	44.7	82.9



#63
 1,4-Dichlorobenzene
 Concen: 9.754 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VV008734.D
 Acq: 28 Nov 2018 13:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	26.2	48.8
148	63.0	43.6	81.0





#65

1,2-Dichlorobenzene

Concen: 9.407 ug/L

RT: 11.69 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VV008734.D

Acq: 28 Nov 2018 13:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

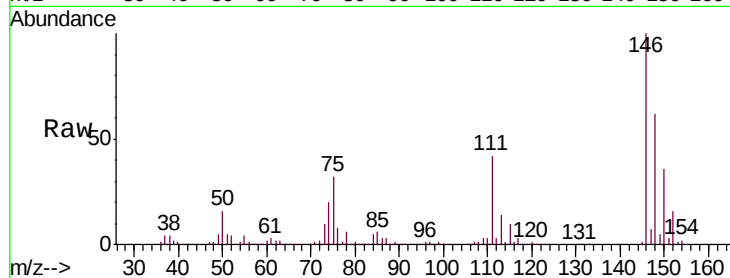
Tgt Ion:146 Resp: 225220

Ion Ratio Lower Upper

146 100

111 42.3 33.6 50.4

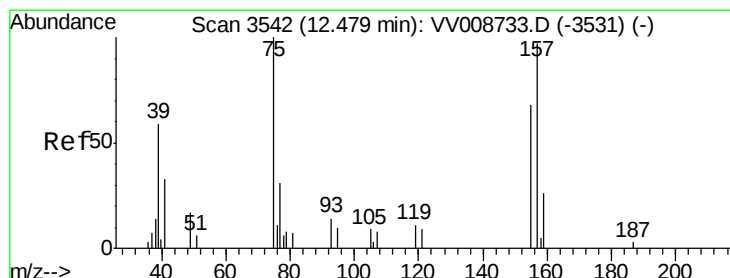
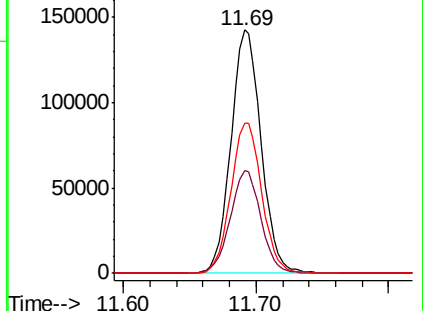
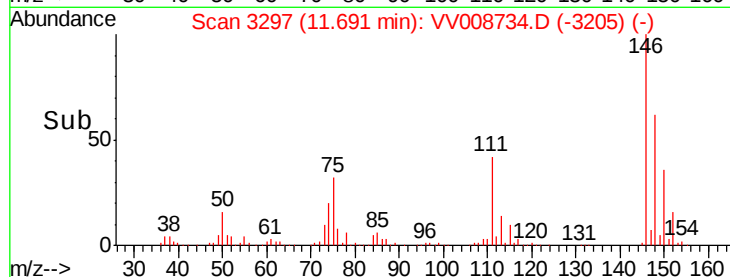
148 61.8 49.8 74.6



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: 8.607 ug/L

RT: 12.48 min Scan# 3542

Delta R.T. -0.00 min

Lab File: VV008734.D

Acq: 28 Nov 2018 13:49

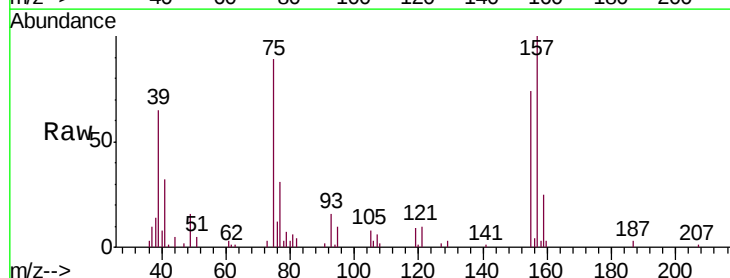
Tgt Ion: 75 Resp: 12884

Ion Ratio Lower Upper

75 100

155 84.0 54.1 81.1#

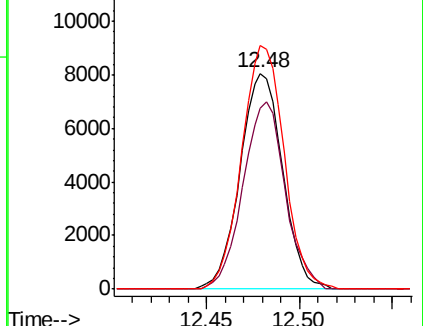
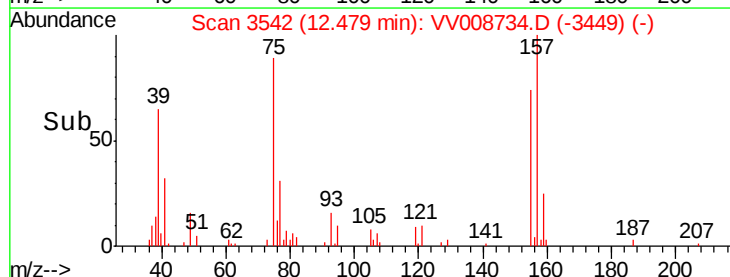
157 112.8 77.4 116.2

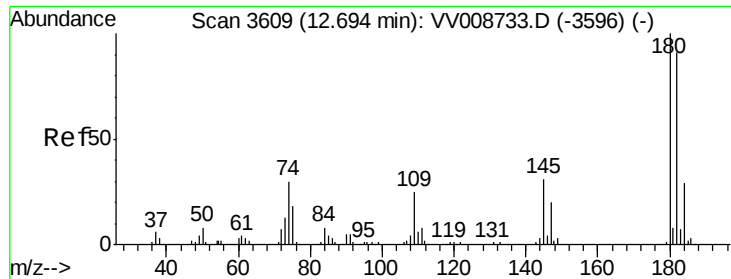


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

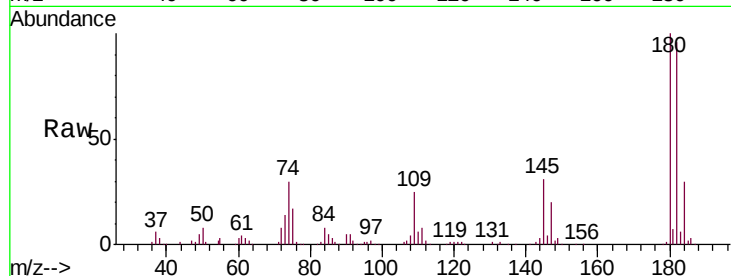




#67
 1,3,5-Trichlorobenzene
 Concen: 10.096 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. -0.00 min
 Lab File: VV008734.D
 Acq: 28 Nov 2018 13:49

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	74.3	111.5
184	29.4	23.4	35.0
145	30.9	24.8	37.2



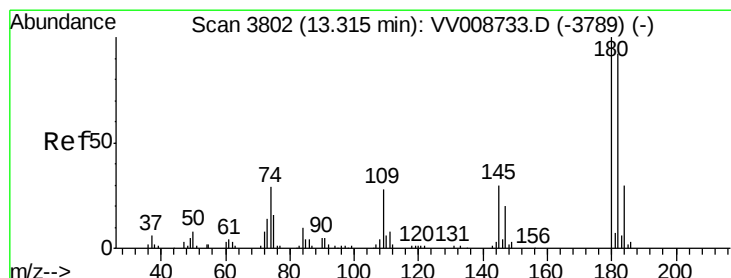
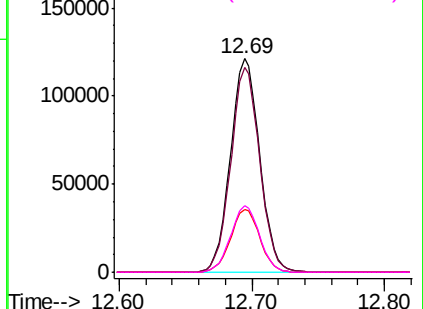
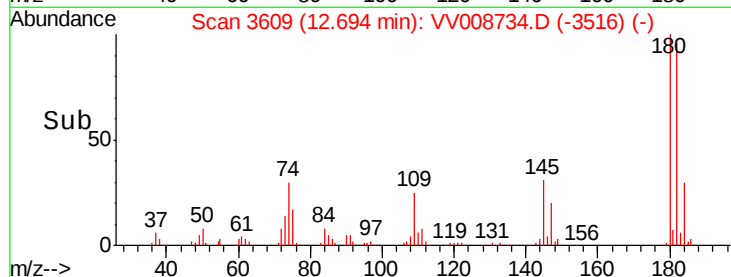
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

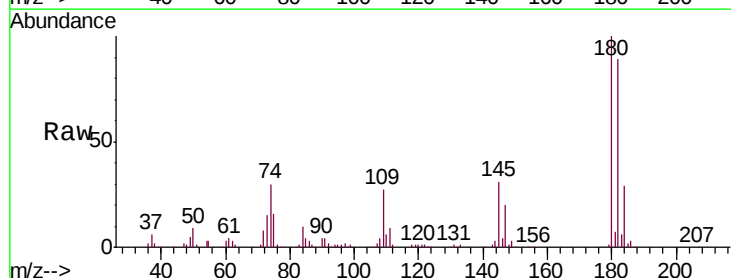
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 10.319 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. -0.00 min
 Lab File: VV008734.D
 Acq: 28 Nov 2018 13:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	74.4	111.6
145	31.5	23.8	35.8

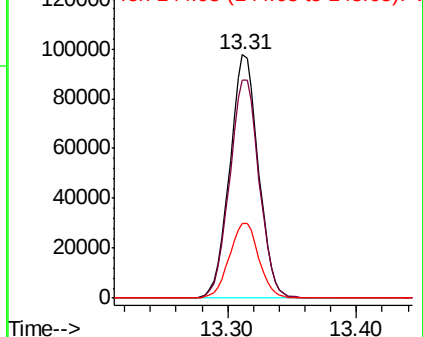
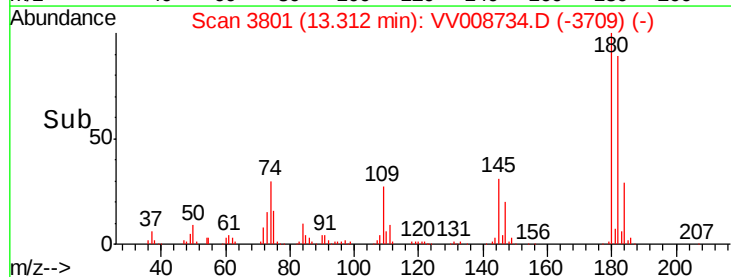


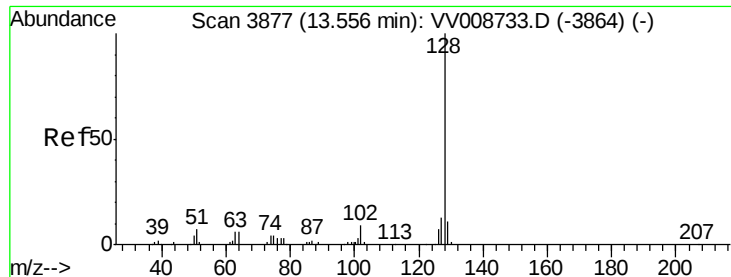
Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 10.321 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. -0.00 min

Lab File: VV008734.D

Acq: 28 Nov 2018 13:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

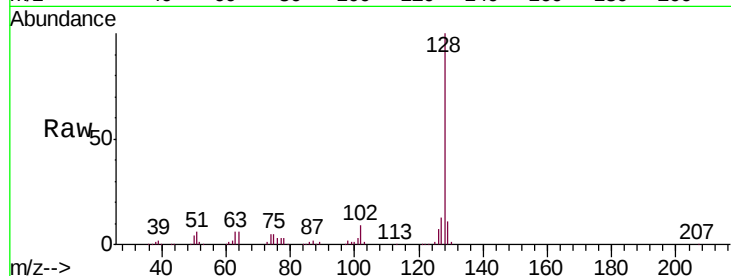
Tgt Ion:128 Resp: 236873

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

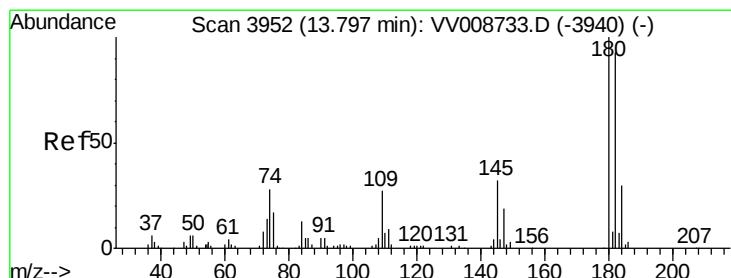
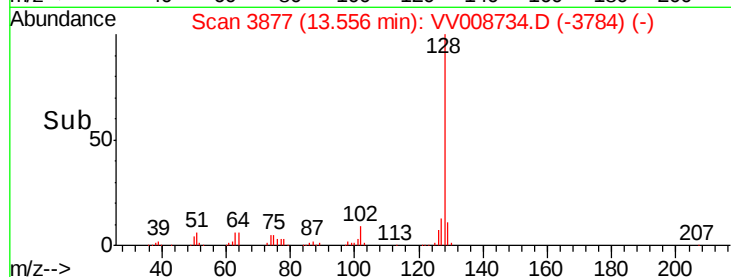
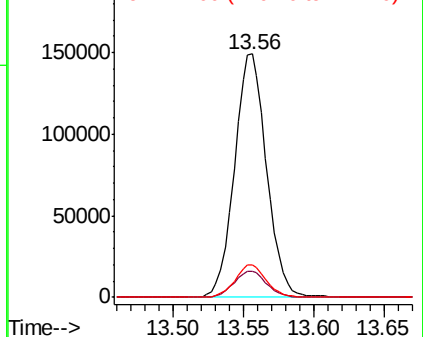
127 13.0 10.3 15.5



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: 10.073 ug/L

RT: 13.80 min Scan# 3952

Delta R.T. -0.00 min

Lab File: VV008734.D

Acq: 28 Nov 2018 13:49

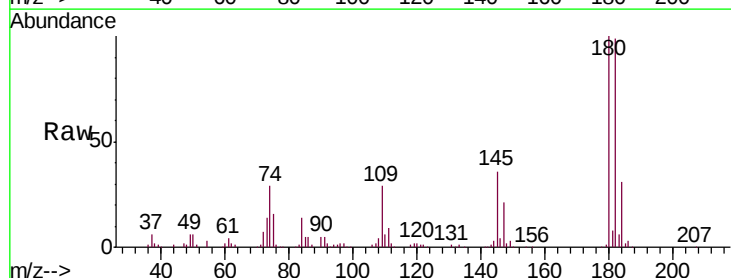
Tgt Ion:180 Resp: 135383

Ion Ratio Lower Upper

180 100

182 96.1 75.4 113.2

145 35.5 27.2 40.8



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

