

Data File : VV009818.D
Acq On : 22 Mar 2019 01:08
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Quant Time: Mar 22 08:20:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 22 08:14:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	92022	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	98870	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57186	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	1.59	69	56071	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.00%
11) 1,1-Dichloroethene-d2	2.13	63	150031	5.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.80%
20) 2-Butanone-d5	3.95	46	69466	53.97	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.94%
24) Chloroform-d	4.41	84	56289	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.09	65	30993	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.00%
32) Benzene-d6	5.10	84	129225	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	38978	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.36	98	126614	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.67	79	13293	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.14	63	67760	55.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	31435	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	44929	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	43248	5.210 ug/L	98
3) Chloromethane	1.26	50	53354	4.398 ug/L	99
5) Vinyl chloride	1.33	62	71507	5.355 ug/L	100
6) Bromomethane	1.54	94	48492	5.941 ug/L	98
8) Chloroethane	1.60	64	50009	5.396 ug/L	95
9) Trichlorofluoromethane	1.77	101	139704	5.003 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	71689	5.188 ug/L	96
12) 1,1-Dichloroethene	2.14	96	69860	5.693 ug/L	87
13) Acetone	2.19	43	95263	57.142 ug/L #	54
14) Carbon disulfide	2.32	76	188100	5.543 ug/L	99
15) Methyl Acetate	2.46	43	22802	5.757 ug/L	99
16) Methylene chloride	2.54	84	67902	4.893 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	165001	5.821 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	73720	5.591 ug/L	92
19) 1,1-Dichloroethane	3.23	63	130606	5.705 ug/L	98
21) 2-Butanone	4.04	43	74943	57.214 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	34694	5.439 ug/L	97

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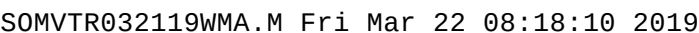
Quant Time: Mar 22 08:20:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
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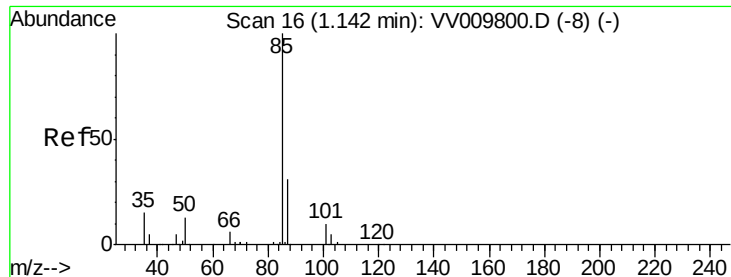
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.30	128	13343	5.159	ug/L #	87
25) Chloroform	4.43	83	68044	6.102	ug/L	98
27) 1,2-Dichloroethane	5.18	62	37346	5.502	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	52490	4.919	ug/L	97
30) Cyclohexane	4.72	56	51445	4.651	ug/L	98
31) Carbon tetrachloride	4.87	117	45600	4.963	ug/L	98
33) Benzene	5.15	78	138561	4.990	ug/L	100
34) Trichloroethene	5.96	95	35559	5.062	ug/L	98
35) Methylcyclohexane	6.18	83	56004	4.659	ug/L	99
37) 1,2-Dichloropropane	6.22	63	32161	4.634	ug/L	98
38) Bromodichloromethane	6.56	83	42917	5.229	ug/L #	96
39) cis-1,3-Dichloropropene	7.07	75	44522	4.742	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	208626	51.438	ug/L	94
42) Toluene	7.43	91	155864	4.960	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	36550	4.869	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	24567	5.199	ug/L	96
47) Tetrachloroethene	8.02	164	30302	4.995	ug/L	89
48) 2-Hexanone	8.19	43	144110	50.503	ug/L	97
49) Dibromochloromethane	8.29	129	26612	4.872	ug/L	100
50) 1,2-Dibromoethane	8.40	107	23025	5.218	ug/L #	94
51) Chlorobenzene	8.93	112	99228	4.933	ug/L	98
52) Ethylbenzene	9.05	91	173466	5.011	ug/L	97
53) m,p-xylene	9.18	106	66021	5.019	ug/L	97
54) o-xylene	9.59	106	64058	4.985	ug/L	98
55) Styrene	9.60	104	109150	5.224	ug/L	97
56) Isopropylbenzene	9.98	105	171537	5.055	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	31719	5.419	ug/L #	98
59) 1,2,3-Trichloropropane	10.32	75	20960	5.198	ug/L	97
61) Bromoform	9.78	173	13309	5.547	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	74418	5.155	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	74986	5.134	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	71853	5.289	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	3312	4.559	ug/L	84
67) 1,3,5-Trichlorobenzene	12.69	180	55842	5.110	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	42232	5.155	ug/L	96
69) Naphthalene	13.56	128	61576	4.787	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	39491	5.193	ug/L	98

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

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#2

Dichlorodifluoromethane

Concen: 5.210 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV009818.D

Acq: 22 Mar 2019 01:08

Instrument :

MSVOA_V

ClientSampleId :

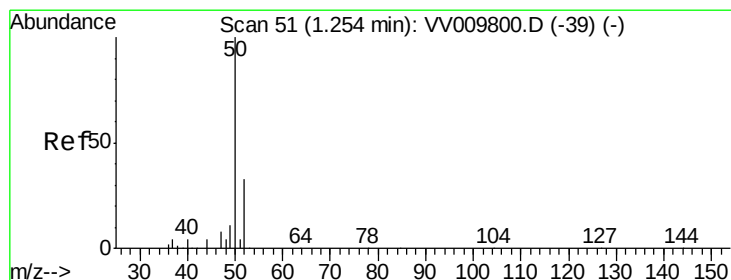
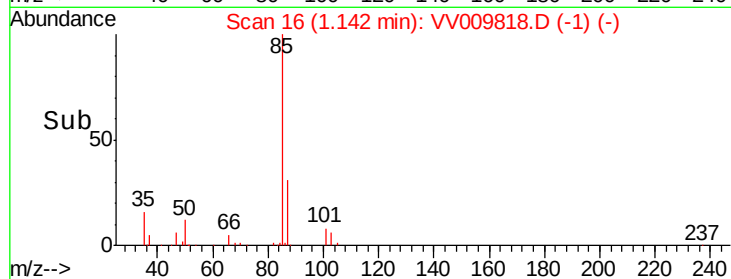
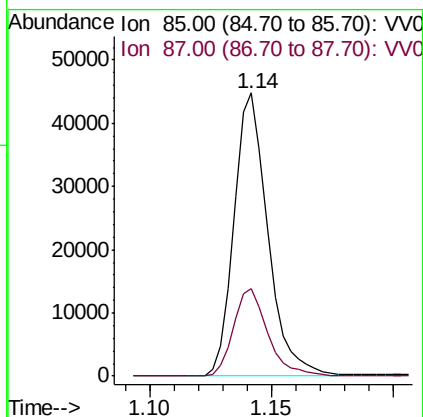
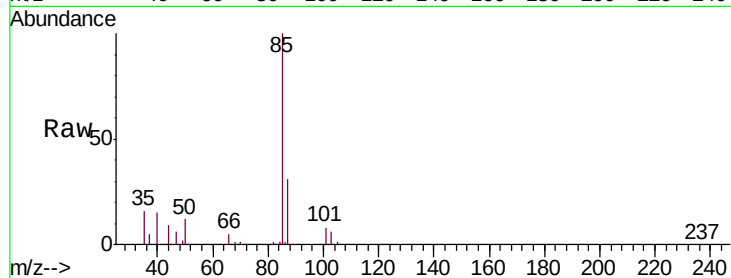
VSTD00538

Tgt Ion: 85 Resp: 43248

Ion Ratio Lower Upper

85 100

87 31.4 24.4 36.6



#3

Chloromethane

Concen: 4.398 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV009818.D

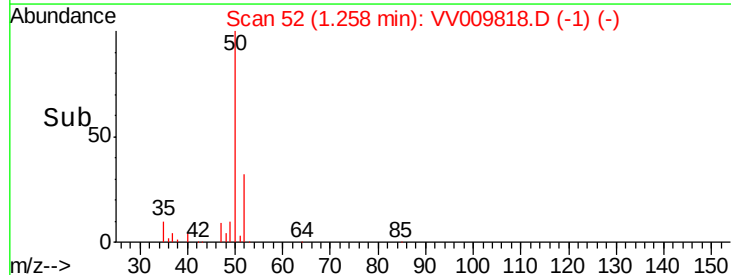
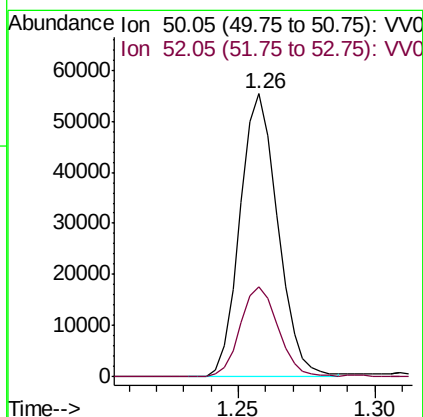
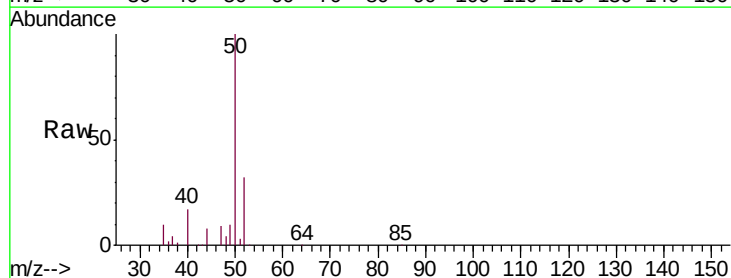
Acq: 22 Mar 2019 01:08

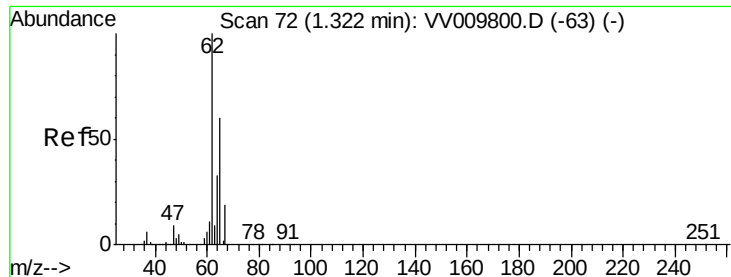
Tgt Ion: 50 Resp: 53354

Ion Ratio Lower Upper

50 100

52 32.0 22.9 42.5





#5

Vinyl chloride

Concen: 5.355 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV009818.D

Acq: 22 Mar 2019 01:08

Instrument :

MSVOA_V

ClientSampleId :

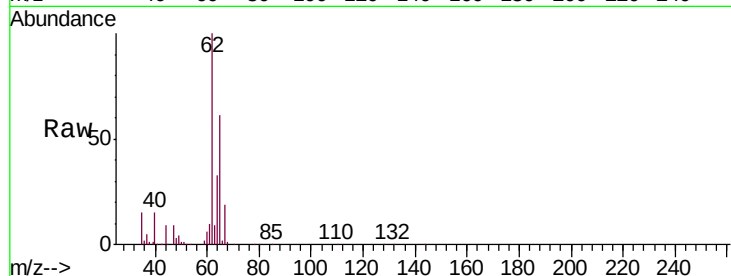
VSTD00538

Tgt Ion: 62 Resp: 71507

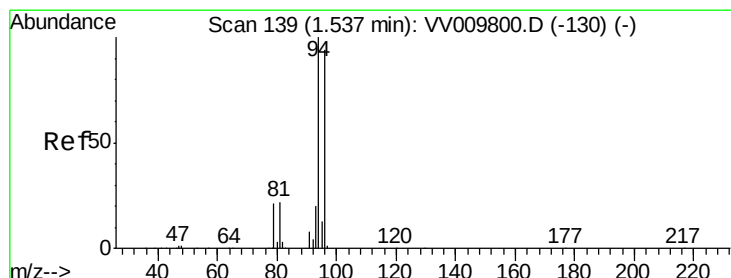
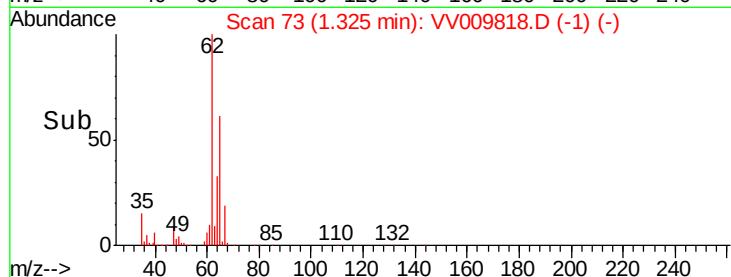
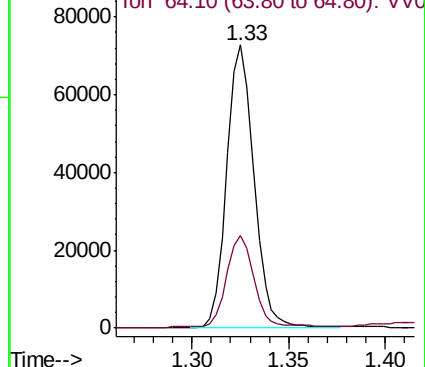
Ion Ratio Lower Upper

62 100

64 32.7 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VV009818.D (-63) (-)



#6

Bromomethane

Concen: 5.941 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV009818.D

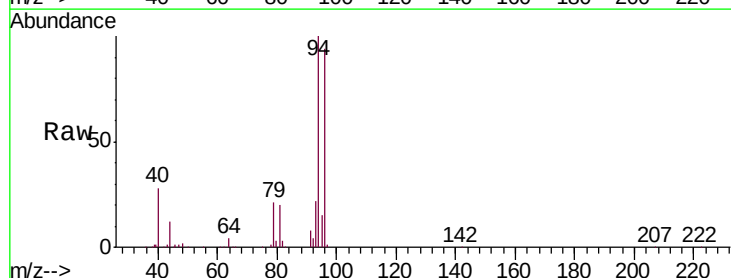
Acq: 22 Mar 2019 01:08

Tgt Ion: 94 Resp: 48492

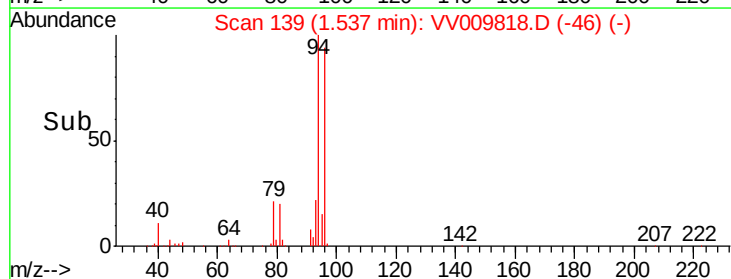
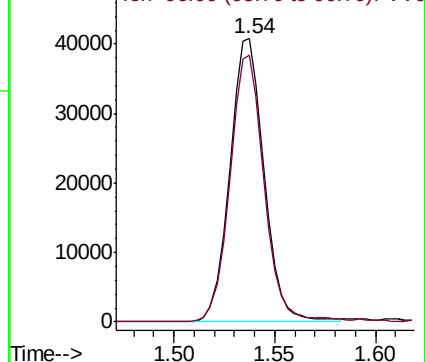
Ion Ratio Lower Upper

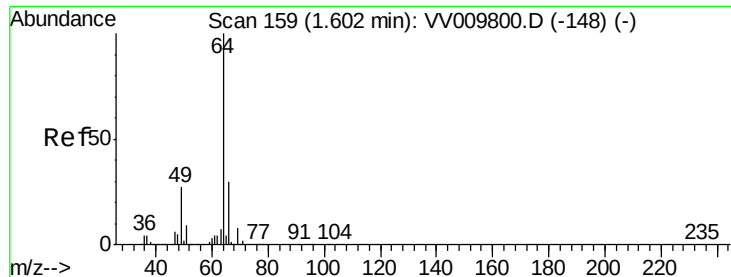
94 100

96 94.0 64.6 120.0



Abundance Ion 94.00 (93.70 to 94.70): VV009818.D (-130) (-)

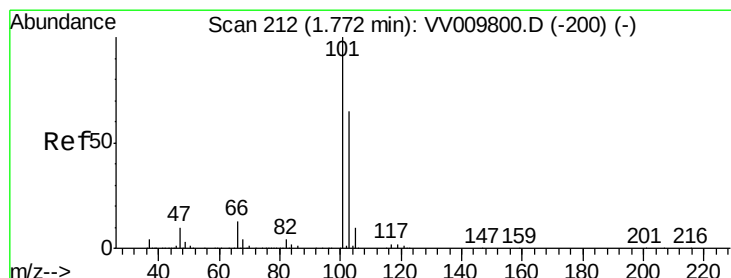
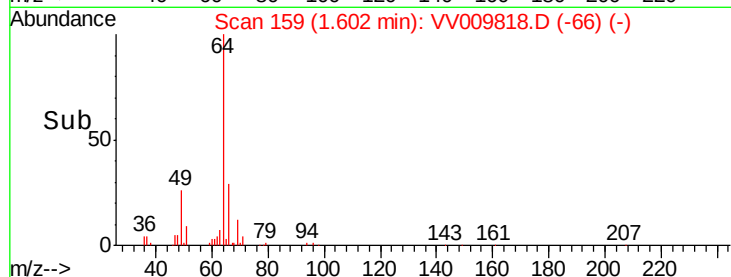
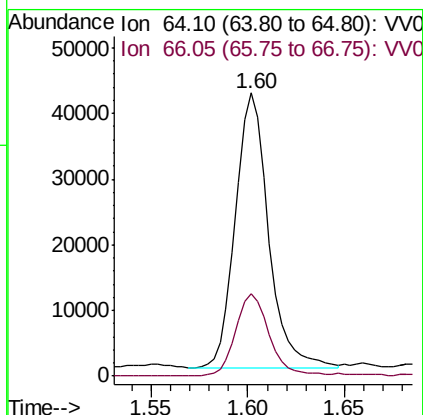
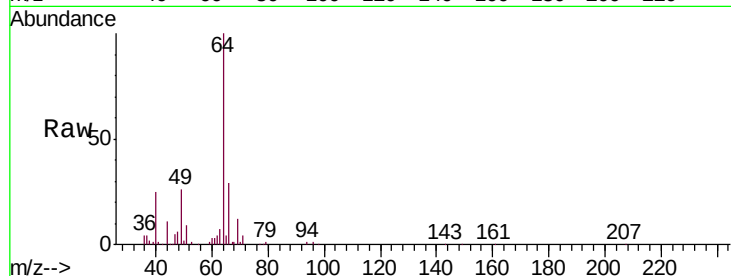




#8
Chloroethane
Concen: 5.396 ug/L
RT: 1.60 min Scan# 159
Delta R.T. 0.00 min
Lab File: VV009818.D
Acq: 22 Mar 2019 01:08

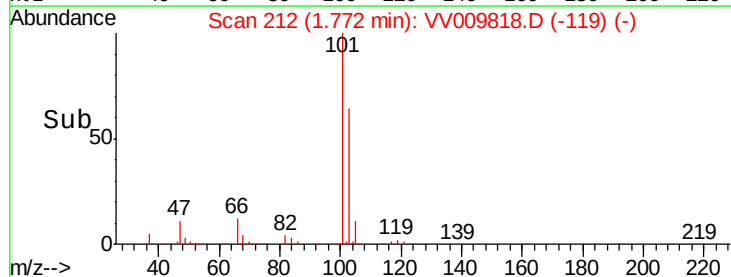
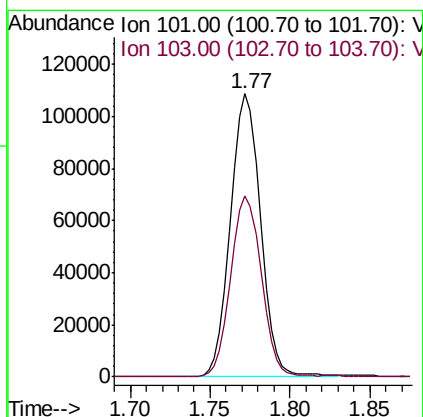
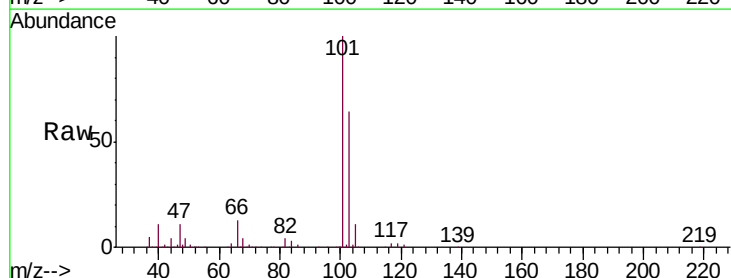
Instrument :
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ClientSampleId :
VSTD00538

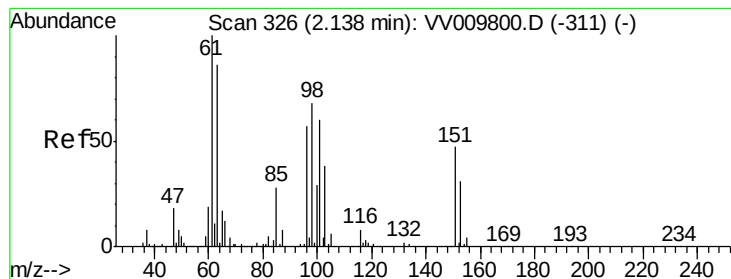
Tgt Ion: 64 Resp: 50009
Ion Ratio Lower Upper
64 100
66 29.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.003 ug/L
RT: 1.77 min Scan# 212
Delta R.T. 0.00 min
Lab File: VV009818.D
Acq: 22 Mar 2019 01:08

Tgt Ion: 101 Resp: 139704
Ion Ratio Lower Upper
101 100
103 64.9 52.3 78.5





#10

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

Concen: 5.188 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV009818.D

Acq: 22 Mar 2019 01:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD00538

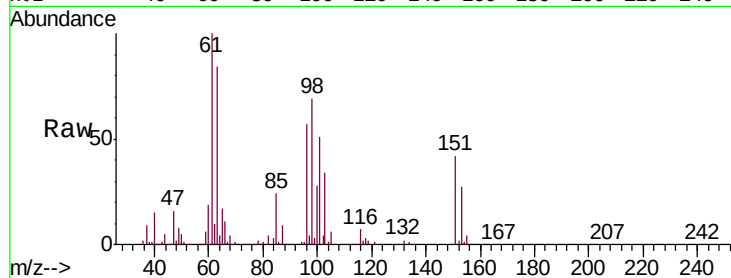
Tgt Ion:101 Resp: 71689

Ion Ratio Lower Upper

101 100

85 48.5 39.2 58.8

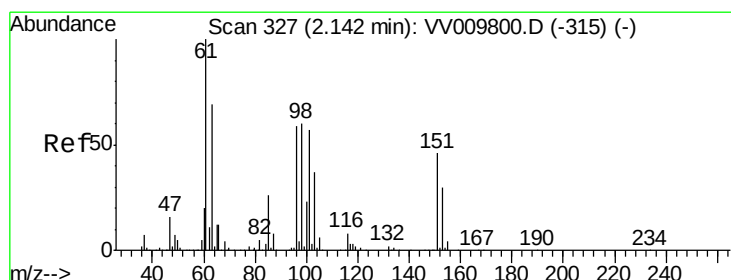
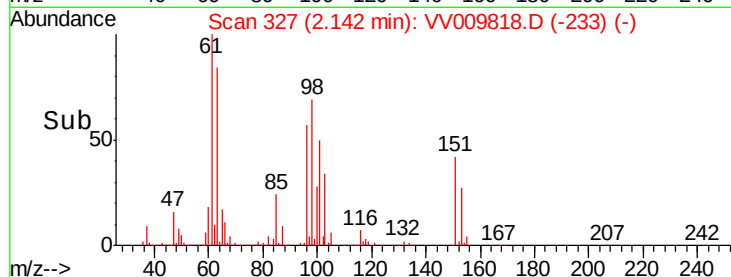
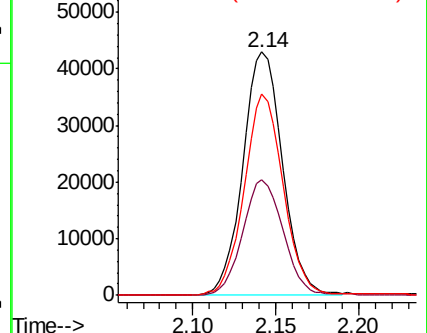
151 81.7 61.1 91.7



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: 5.693 ug/L

RT: 2.14 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV009818.D

Acq: 22 Mar 2019 01:08

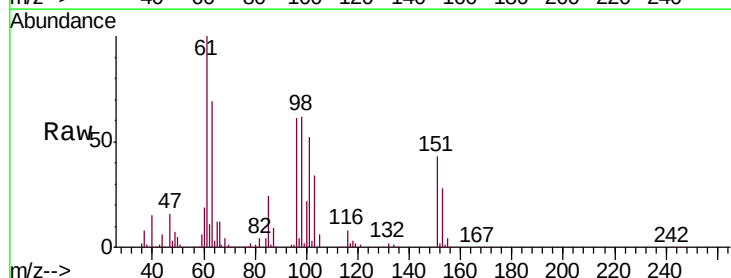
Tgt Ion: 96 Resp: 69860

Ion Ratio Lower Upper

96 100

61 163.0 127.1 236.0

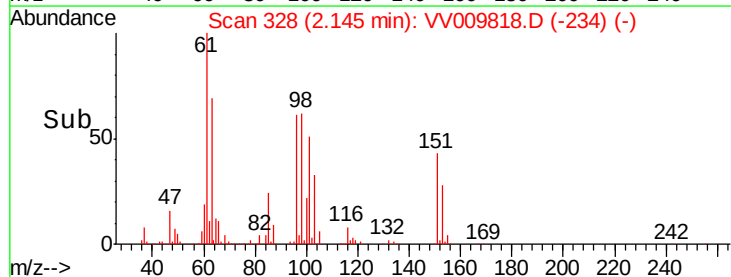
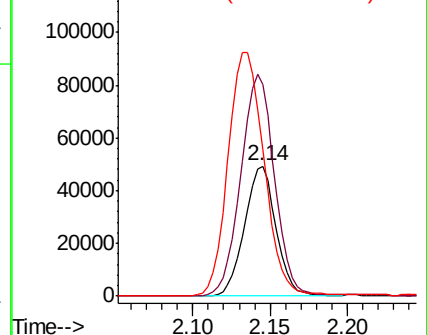
63 112.2 88.8 164.8

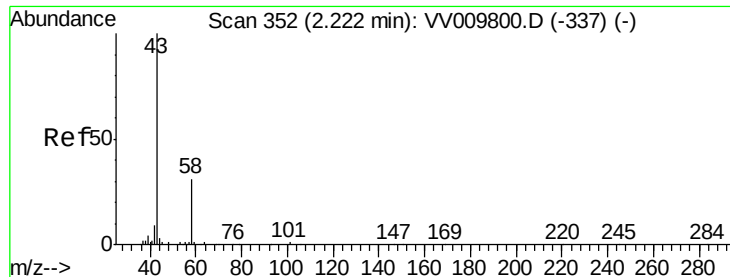


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 57.142 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.03 min

Lab File: VV009818.D

Acq: 22 Mar 2019 01:08

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MSVOA_V

ClientSampleId :

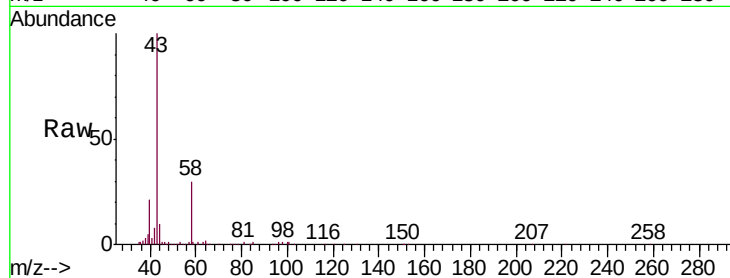
VSTD00538

Tgt Ion: 43 Resp: 95263

Ion Ratio Lower Upper

43 100

58 29.2 0.0 23.0#



Abundance Ion 43.05 (42.75 to 43.75): VV009818.D (-342) (-)

Ion 58.05 (57.75 to 58.75): VV009818.D (-342) (-)

2.19

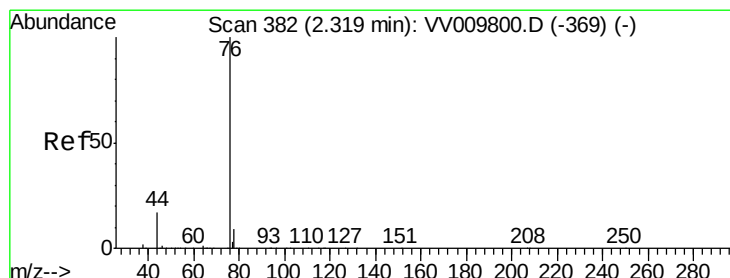
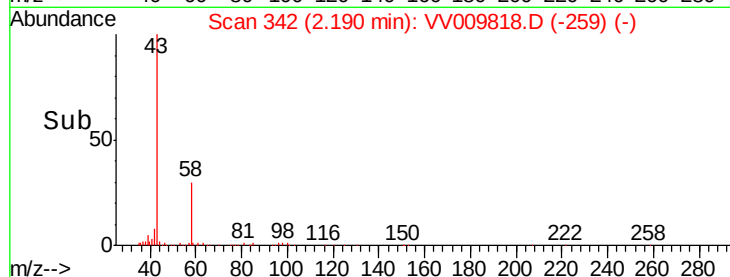
60000

40000

20000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#14

Carbon disulfide

Concen: 5.543 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV009818.D

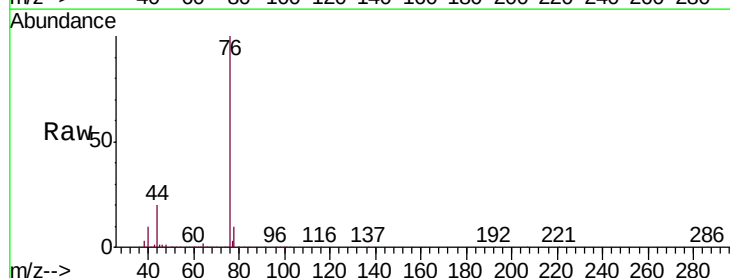
Acq: 22 Mar 2019 01:08

Tgt Ion: 76 Resp: 188100

Ion Ratio Lower Upper

76 100

78 9.9 7.7 11.5



Abundance Ion 76.05 (75.75 to 76.75): VV009818.D (-382) (-)

Ion 78.00 (77.70 to 78.70): VV009818.D (-382) (-)

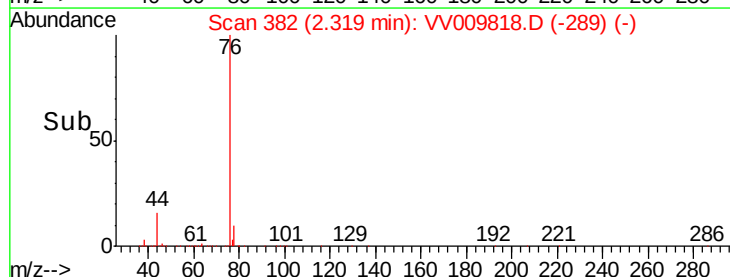
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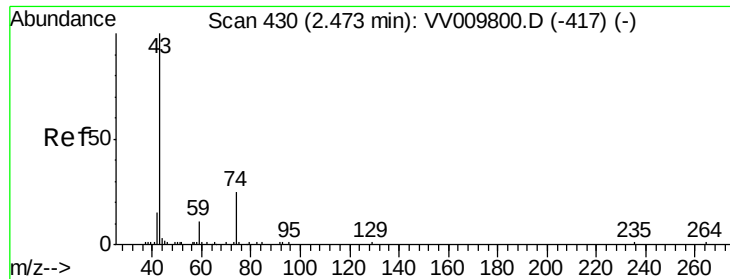
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50000

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Time--> 2.25 2.30 2.35 2.40

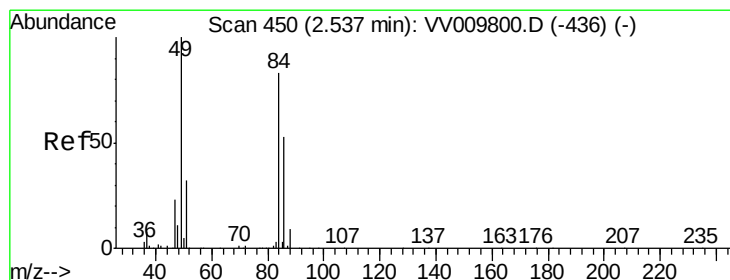
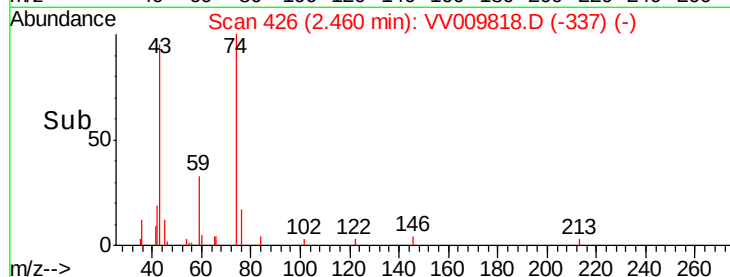
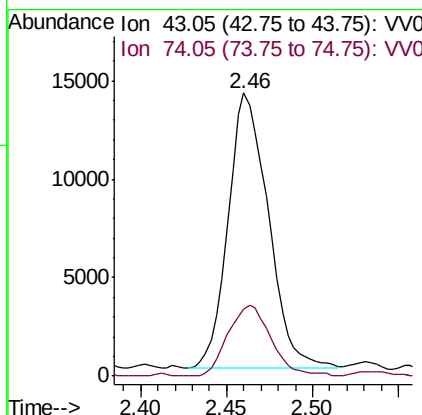
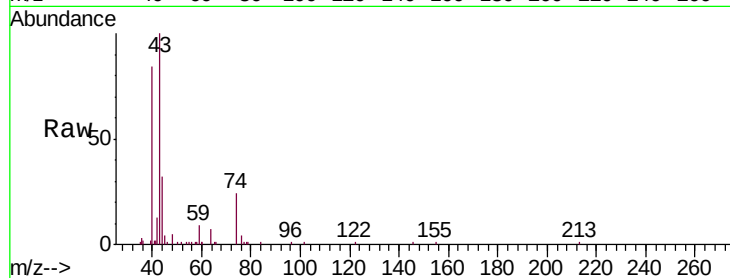




#15
Methyl Acetate
Concen: 5.757 ug/L
RT: 2.46 min Scan# 426
Delta R.T. -0.01 min
Lab File: VV009818.D
Acq: 22 Mar 2019 01:08

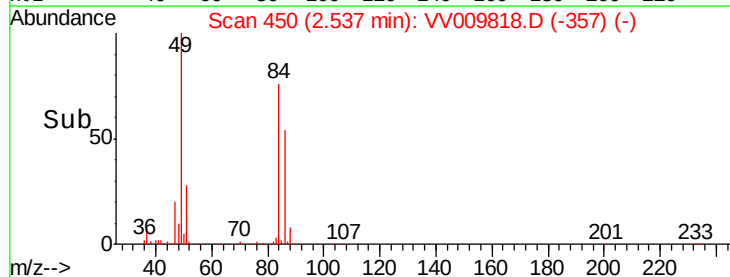
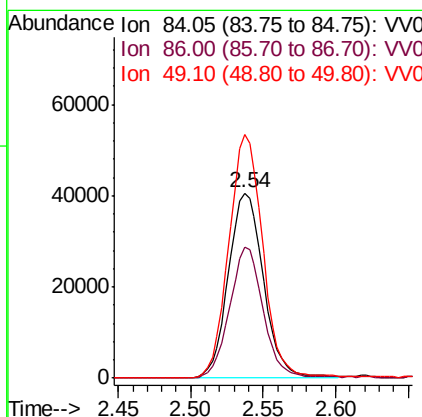
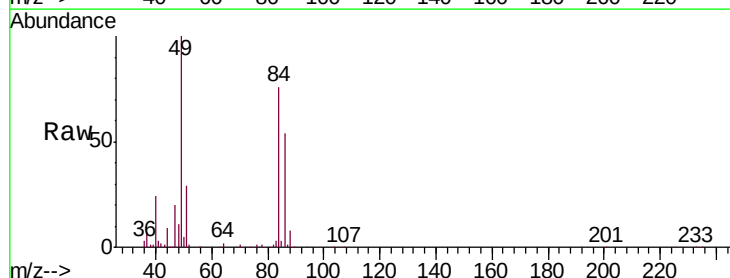
Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

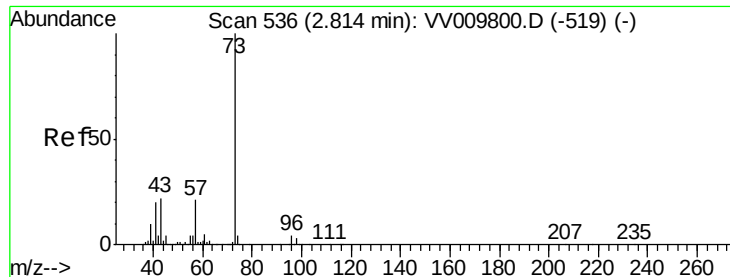
Tgt Ion: 43 Resp: 22802
Ion Ratio Lower Upper
43 100
74 27.6 21.8 32.6



#16
Methylene chloride
Concen: 4.893 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009818.D
Acq: 22 Mar 2019 01:08

Tgt Ion: 84 Resp: 67902
Ion Ratio Lower Upper
84 100
86 70.5 46.1 85.5
49 131.6 89.7 166.5

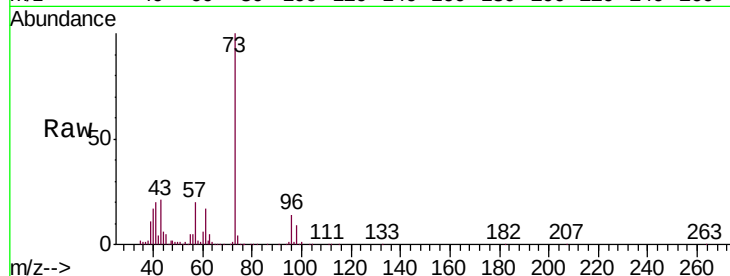




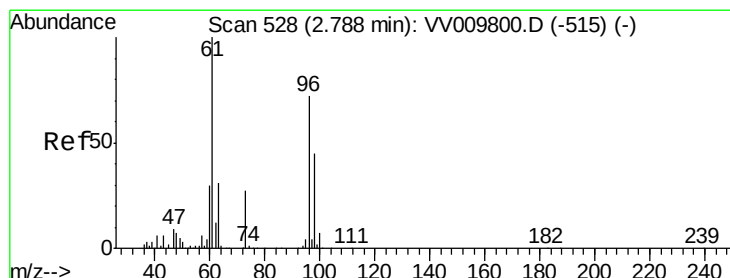
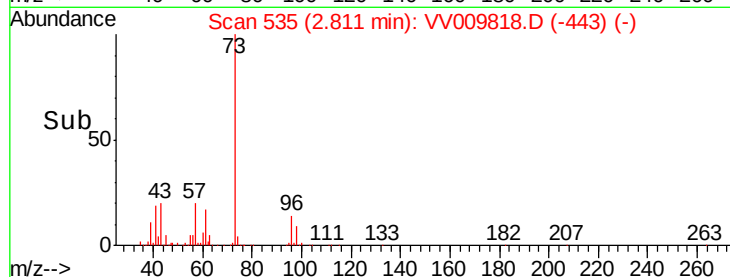
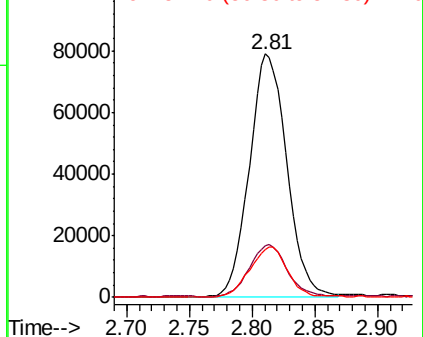
#17
Methyl tert-butyl Ether
Concen: 5.821 ug/L
RT: 2.81 min Scan# 535
Delta R.T. -0.00 min
Lab File: VV009818.D
Acq: 22 Mar 2019 01:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

Tgt Ion: 73 Resp: 165001
Ion Ratio Lower Upper
73 100
43 21.3 17.2 25.8
57 20.4 17.3 25.9

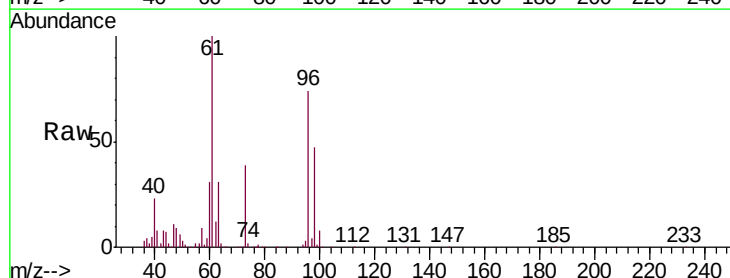


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

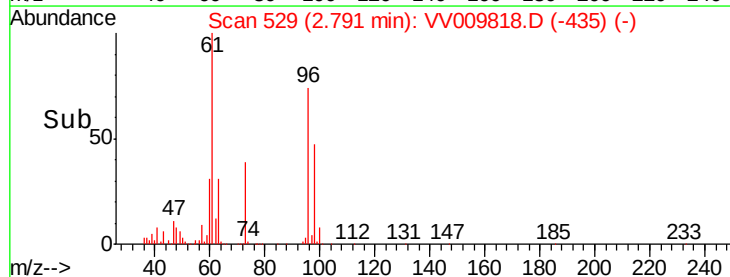
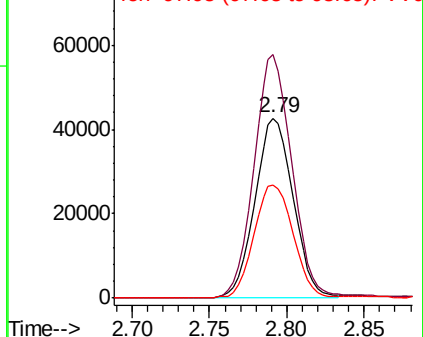


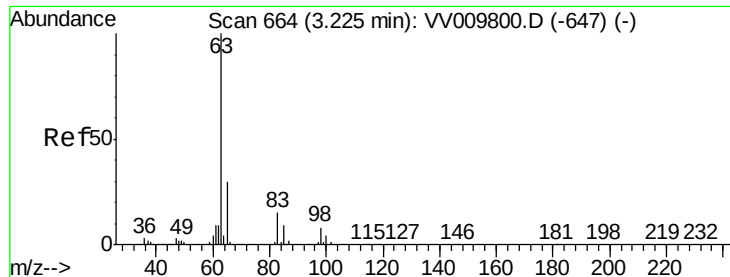
#18
trans-1,2-Dichloroethene
Concen: 5.591 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV009818.D
Acq: 22 Mar 2019 01:08

Tgt Ion: 96 Resp: 73720
Ion Ratio Lower Upper
96 100
61 135.2 103.9 192.9
98 63.1 46.0 85.4



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

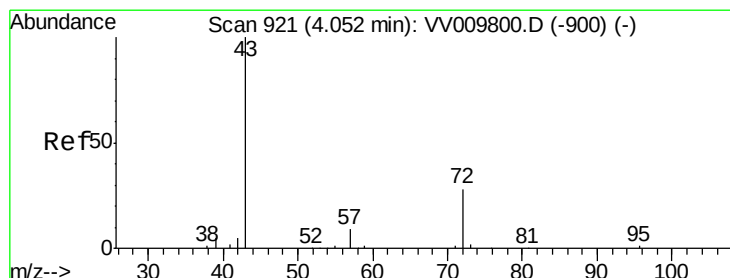
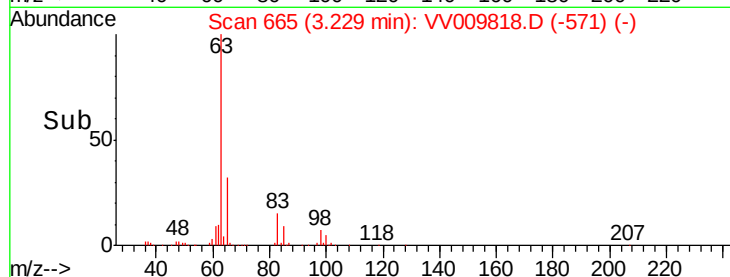
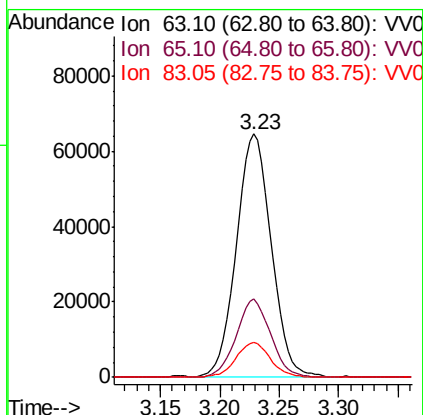
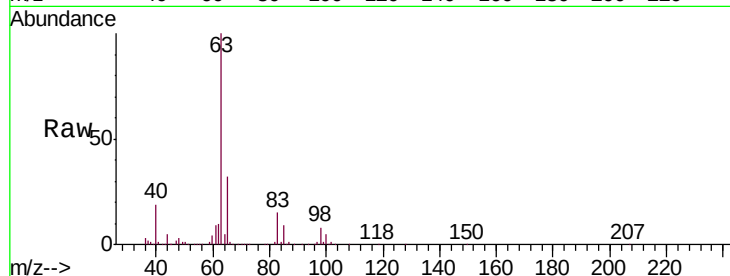




#19
 1,1-Dichloroethane
 Concen: 5.705 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VV009818.D
 Acq: 22 Mar 2019 01:08

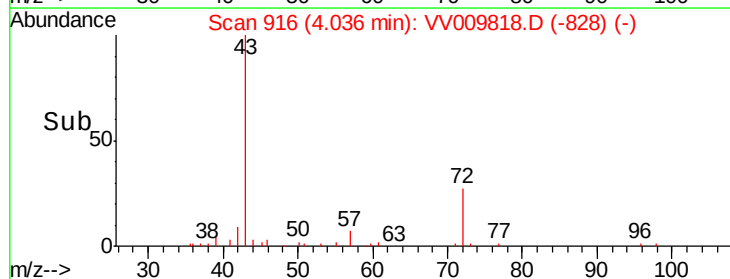
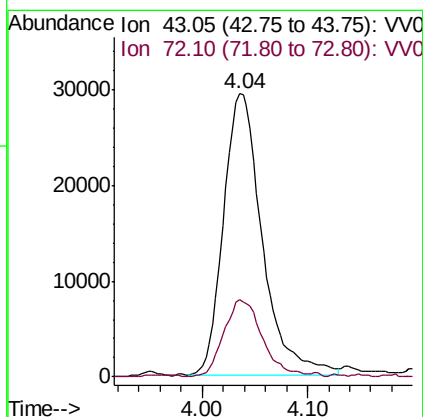
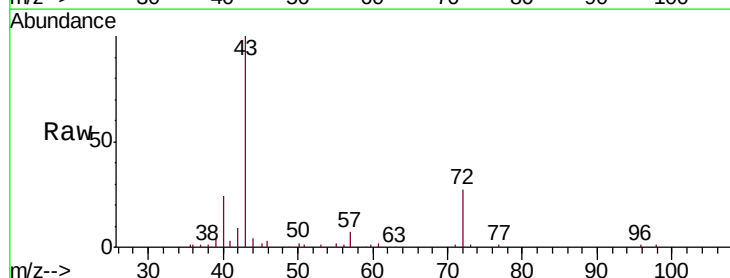
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00538

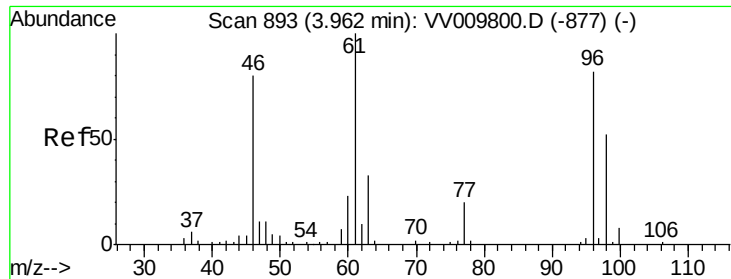
Tgt Ion: 63 Resp: 130606
 Ion Ratio Lower Upper
 63 100
 65 32.0 21.3 39.5
 83 14.5 9.9 18.5



#21
 2-Butanone
 Concen: 57.214 ug/L
 RT: 4.04 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: VV009818.D
 Acq: 22 Mar 2019 01:08

Tgt Ion: 43 Resp: 74943
 Ion Ratio Lower Upper
 43 100
 72 27.3 14.8 44.4



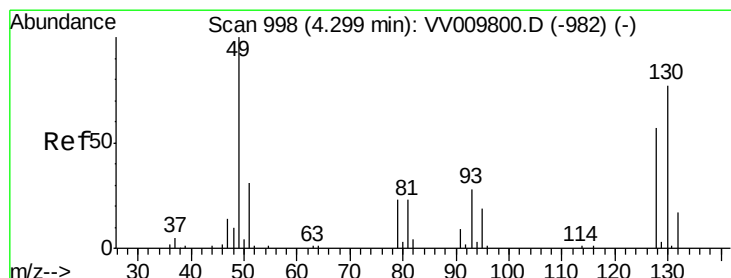
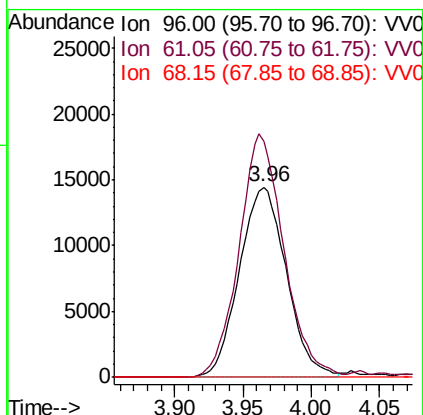
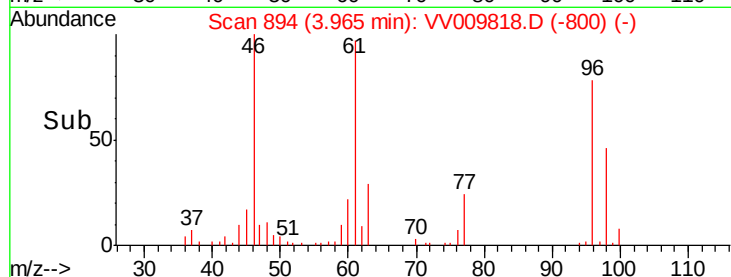
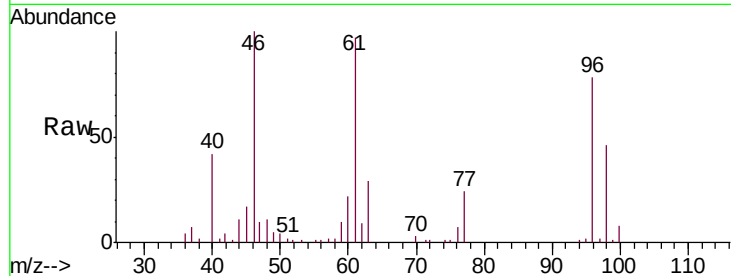


#22

cis-1,2-Dichloroethene
Concen: 5.439 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV009818.D
Acq: 22 Mar 2019 01:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD00538

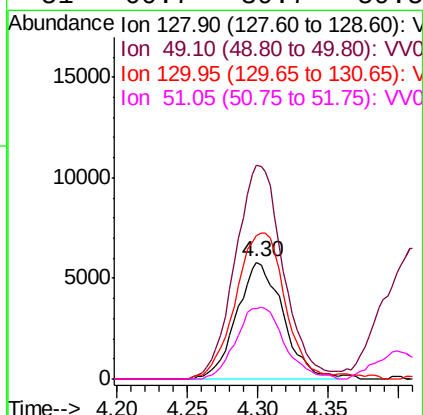
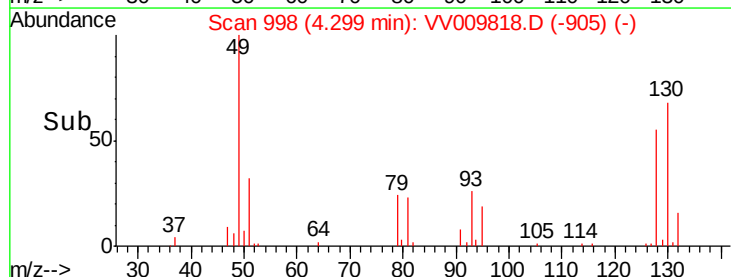
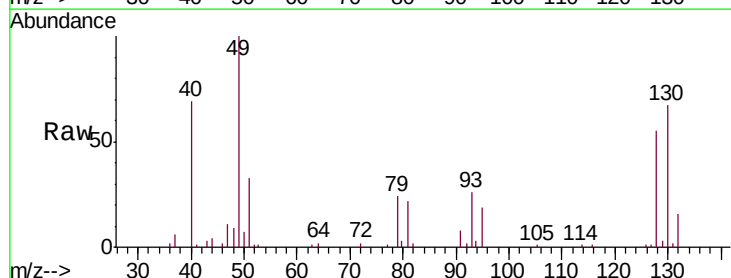
Tgt Ion: 96 Resp: 34694
Ion Ratio Lower Upper
96 100
61 124.1 84.8 157.4
68 0.0 0.0 0.0

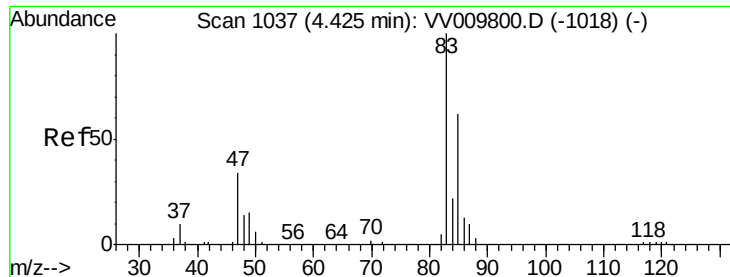


#23

Bromochloromethane
Concen: 5.159 ug/L
RT: 4.30 min Scan# 998
Delta R.T. 0.00 min
Lab File: VV009818.D
Acq: 22 Mar 2019 01:08

Tgt Ion: 128 Resp: 13343
Ion Ratio Lower Upper
128 100
49 182.6 110.4 205.0
130 122.1 89.1 165.5
51 60.7 39.7 59.5#





#25

Chloroform

Concen: 6.102 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

Lab File: VV009818.D

Acq: 22 Mar 2019 01:08

Instrument :

MSVOA_V

ClientSampled :

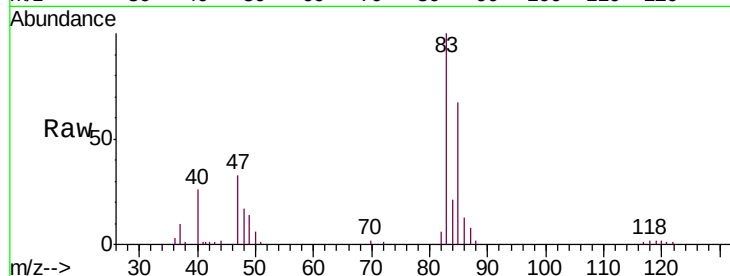
VSTD00538

Tgt Ion: 83 Resp: 68044

Ion Ratio Lower Upper

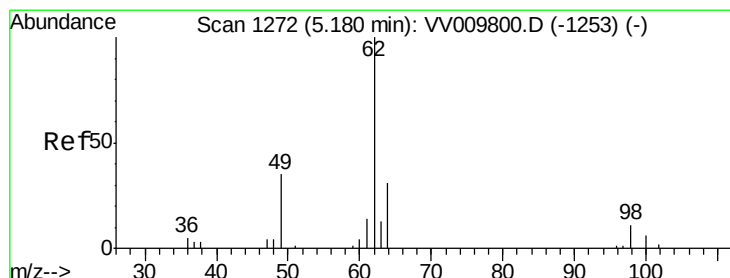
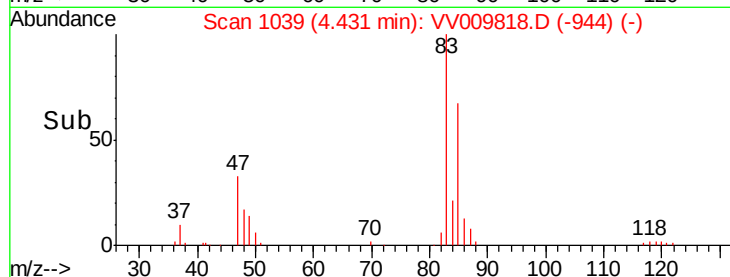
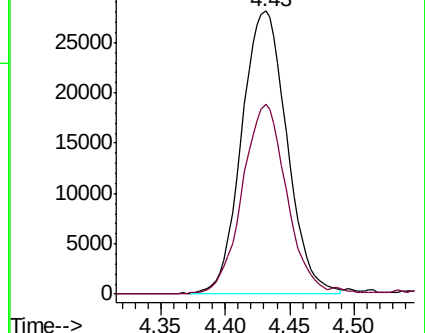
83 100

85 67.2 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV009800.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV009800.D (-1018) (-)



#27

1,2-Dichloroethane

Concen: 5.502 ug/L

RT: 5.18 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VV009818.D

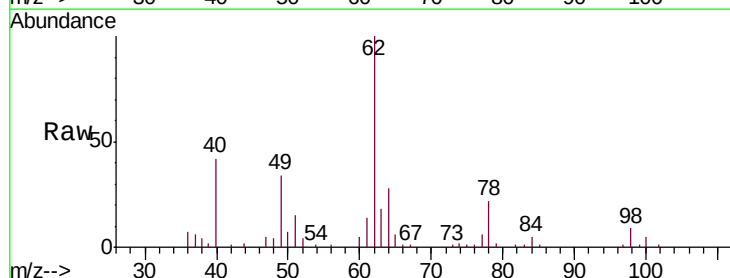
Acq: 22 Mar 2019 01:08

Tgt Ion: 62 Resp: 37346

Ion Ratio Lower Upper

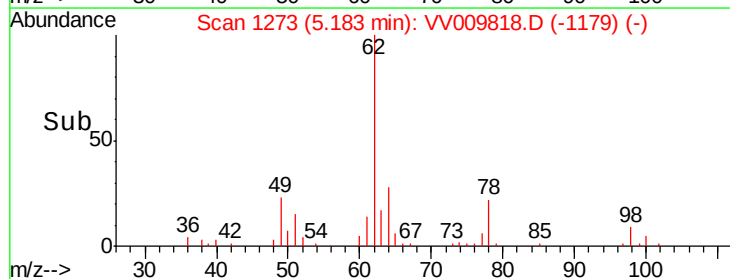
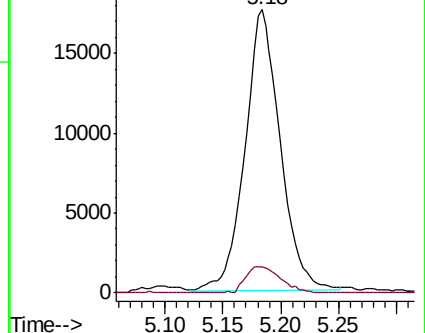
62 100

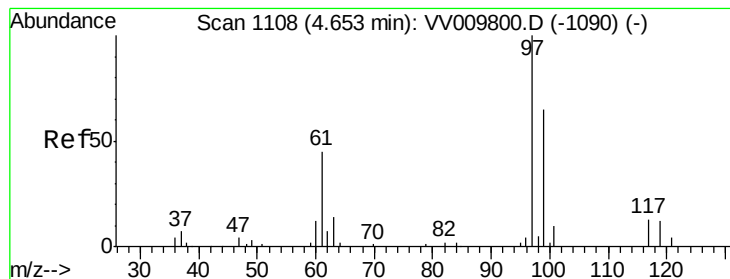
98 9.1 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV009800.D (-1253) (-)

Ion 98.05 (97.75 to 98.75): VV009800.D (-1253) (-)





#29

1,1,1-Trichloroethane

Concen: 4.919 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VV009818.D

Acq: 22 Mar 2019 01:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD00538

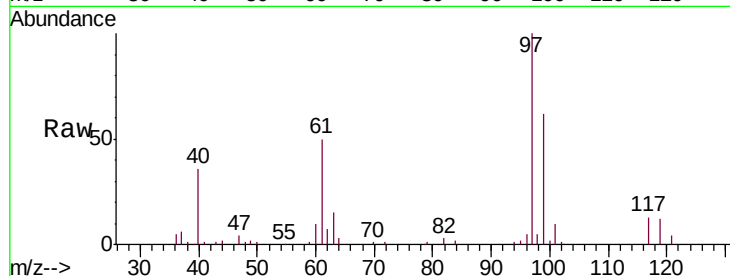
Tgt Ion: 97 Resp: 52490

Ion Ratio Lower Upper

97 100

99 63.4 50.8 76.2

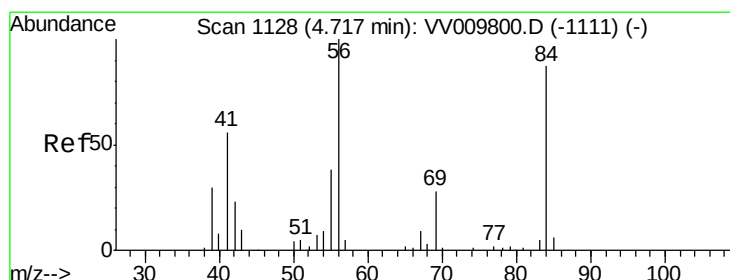
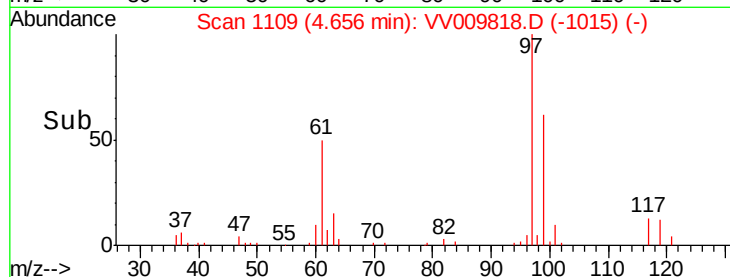
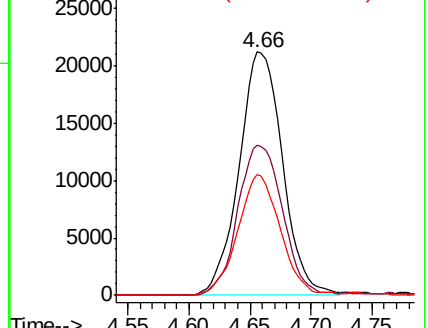
61 48.6 35.0 52.6



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: 4.651 ug/L

RT: 4.72 min Scan# 1130

Delta R.T. 0.01 min

Lab File: VV009818.D

Acq: 22 Mar 2019 01:08

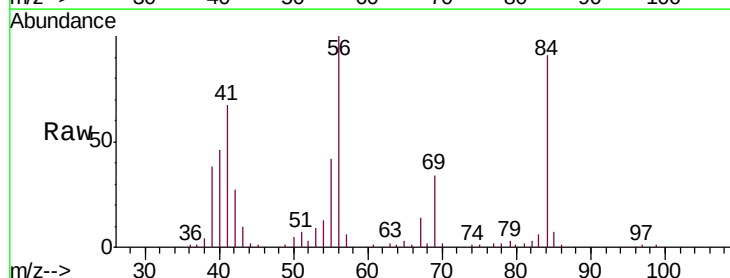
Tgt Ion: 56 Resp: 51445

Ion Ratio Lower Upper

56 100

69 31.2 25.6 38.4

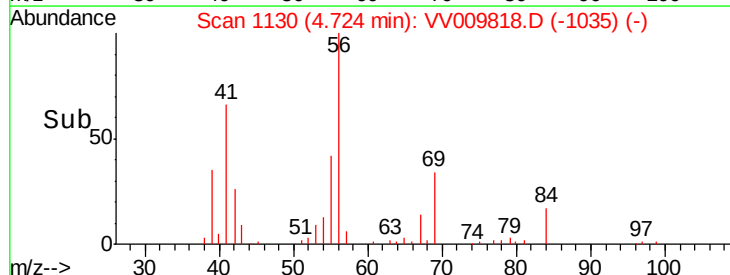
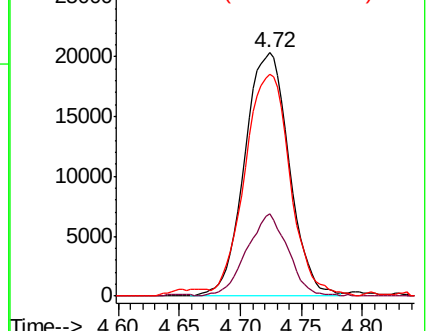
84 93.0 72.4 108.6

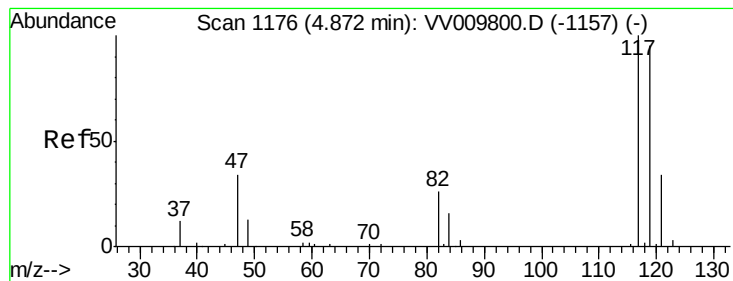


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 4.963 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VV009818.D

Acq: 22 Mar 2019 01:08

Instrument :

MSVOA_V

ClientSampleId :

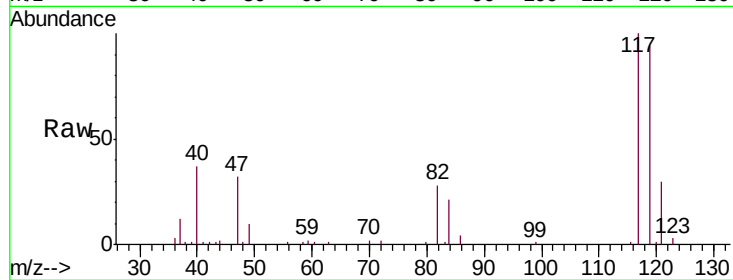
VSTD00538

Tgt Ion:117 Resp: 45600

Ion Ratio Lower Upper

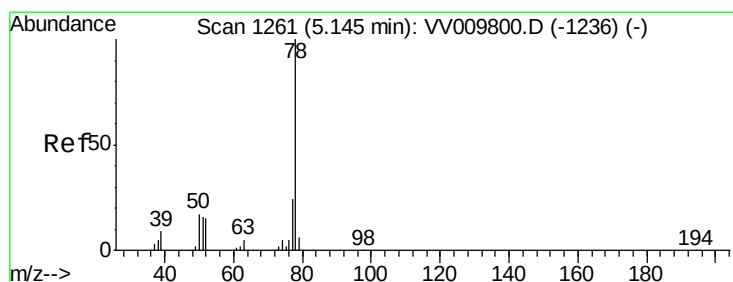
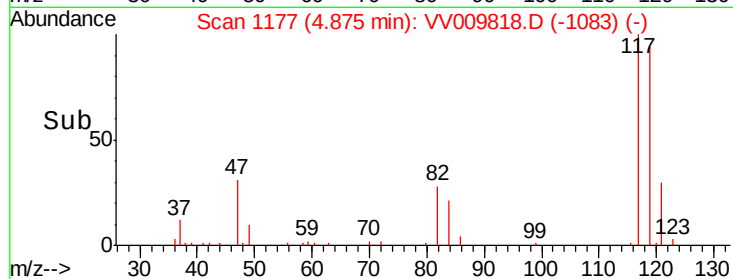
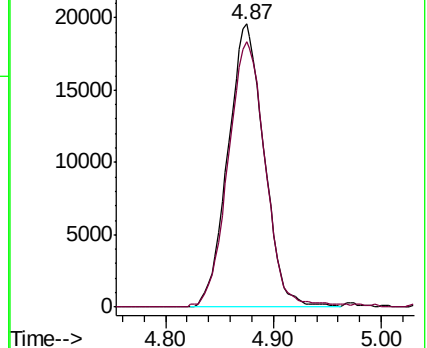
117 100

119 96.4 75.4 113.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 4.990 ug/L

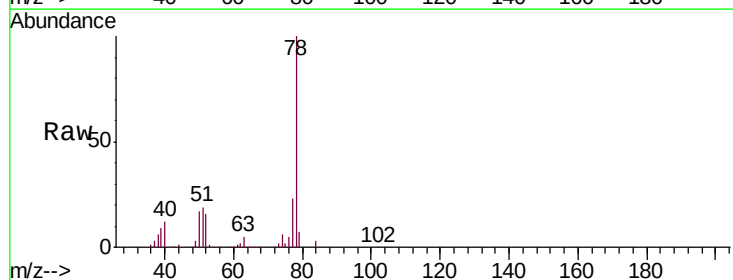
RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

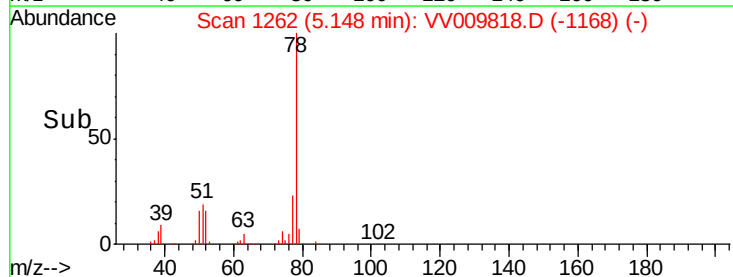
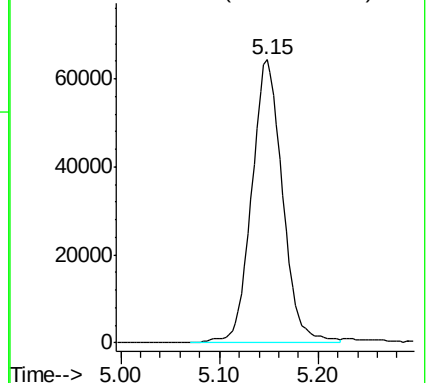
Lab File: VV009818.D

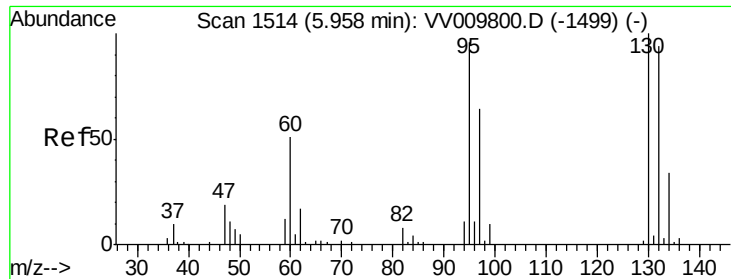
Acq: 22 Mar 2019 01:08

Tgt Ion: 78 Resp: 138561



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 5.062 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009818.D

Acq: 22 Mar 2019 01:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD00538

Tgt Ion: 95 Resp: 35559

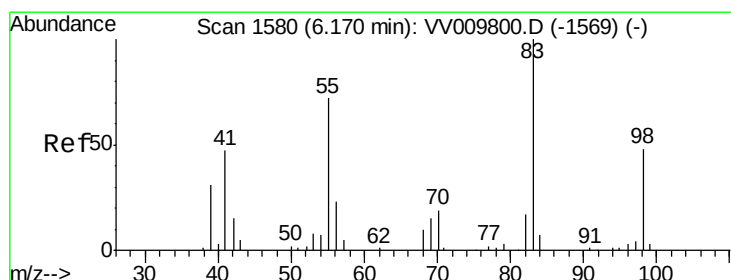
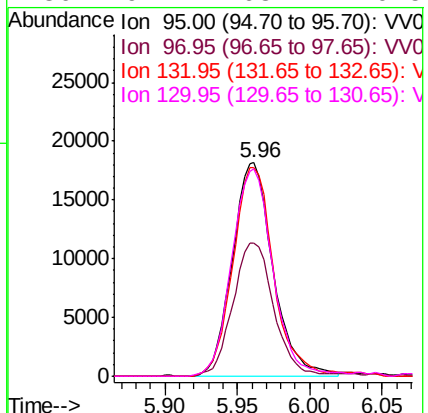
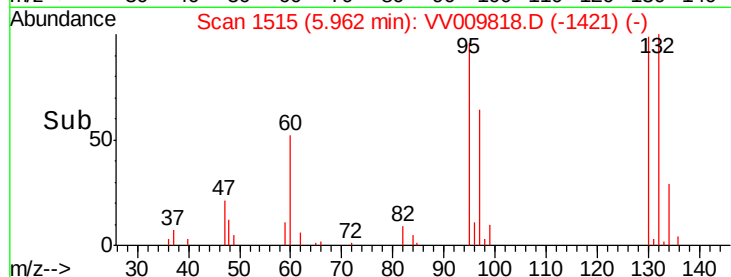
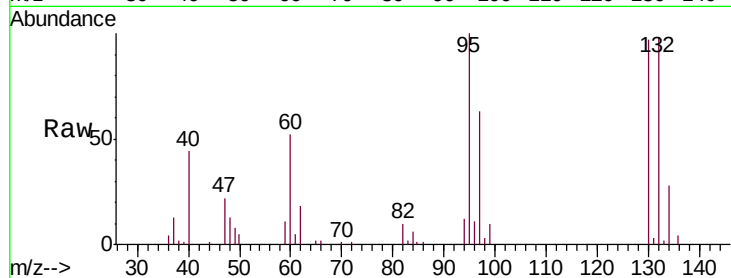
Ion Ratio Lower Upper

95 100

97 62.5 44.4 82.5

132 97.8 66.4 123.4

130 97.1 68.1 126.5



#35

Methylcyclohexane

Concen: 4.659 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. 0.01 min

Lab File: VV009818.D

Acq: 22 Mar 2019 01:08

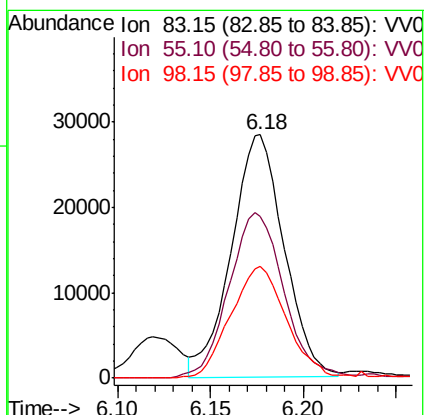
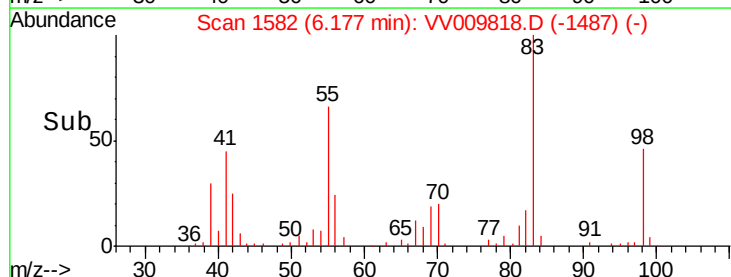
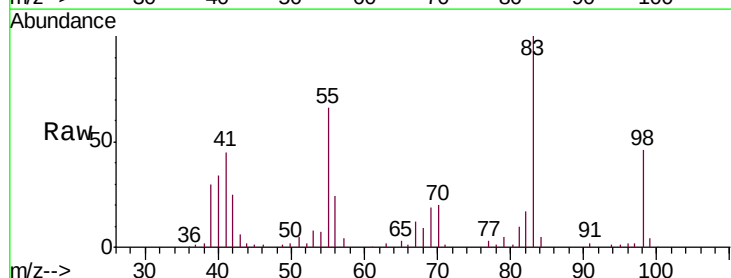
Tgt Ion: 83 Resp: 56004

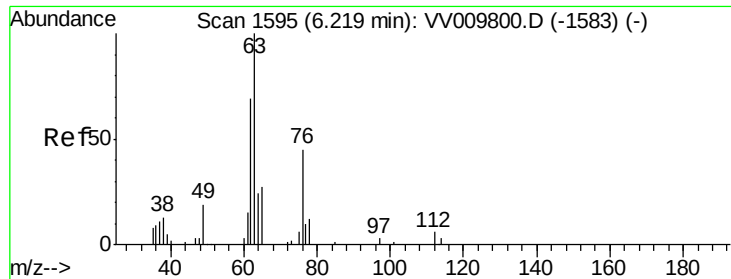
Ion Ratio Lower Upper

83 100

55 71.0 57.4 86.2

98 48.8 38.9 58.3

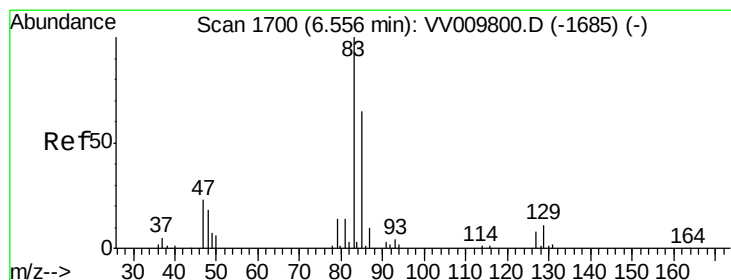
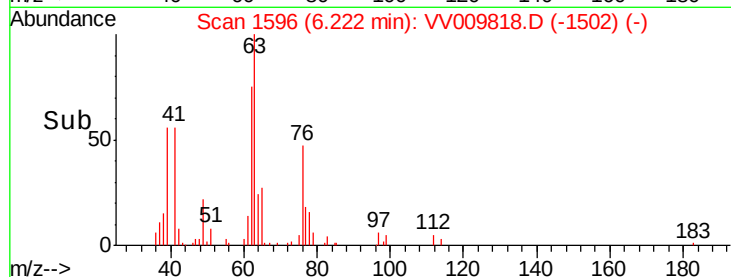
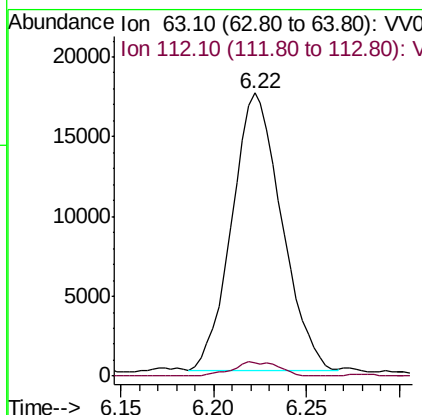
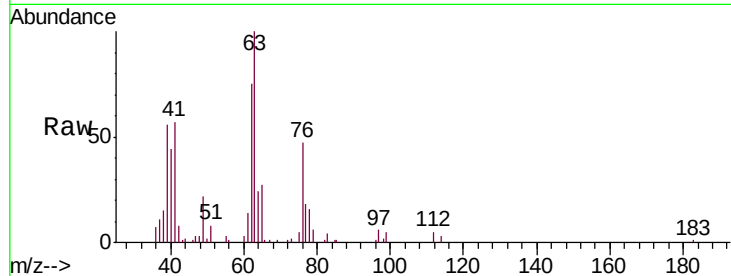




#37
 1,2-Dichloropropane
 Concen: 4.634 ug/L
 RT: 6.22 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: VV009818.D
 Acq: 22 Mar 2019 01:08

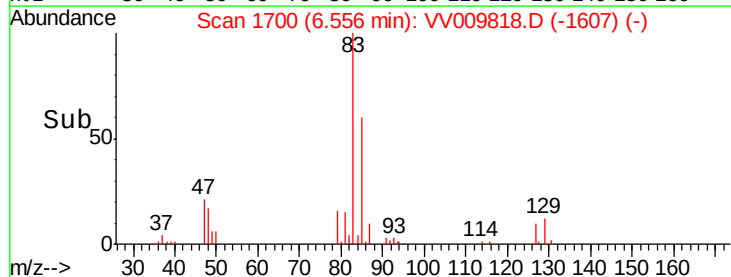
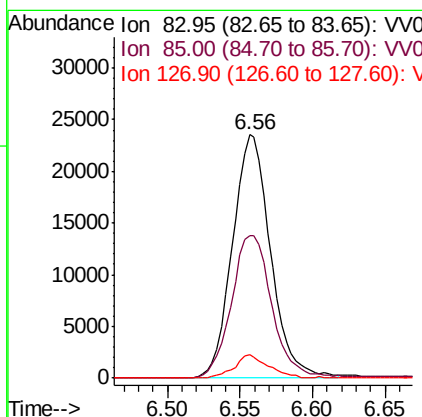
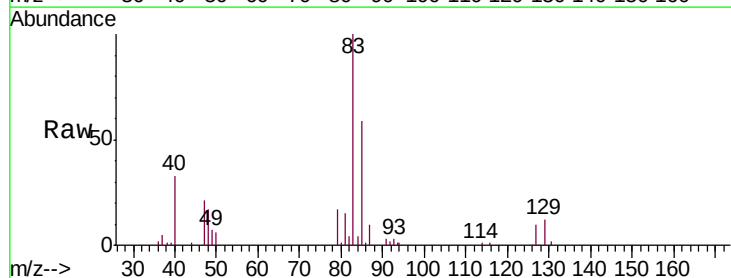
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00538

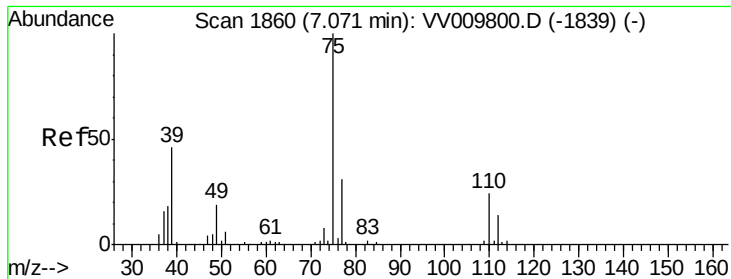
Tgt Ion: 63 Resp: 32161
 Ion Ratio Lower Upper
 63 100
 112 4.8 3.3 4.9



#38
 Bromodichloromethane
 Concen: 5.229 ug/L
 RT: 6.56 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VV009818.D
 Acq: 22 Mar 2019 01:08

Tgt Ion: 83 Resp: 42917
 Ion Ratio Lower Upper
 83 100
 85 58.7 42.8 79.4
 127 10.3 6.2 9.4#

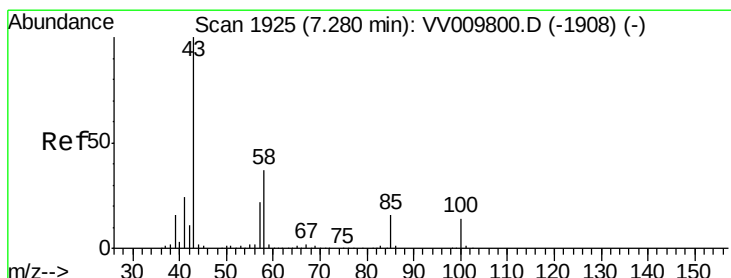
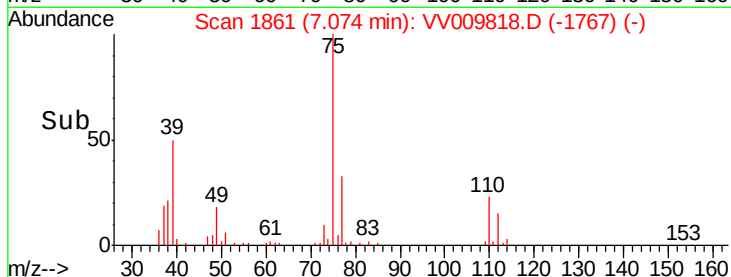
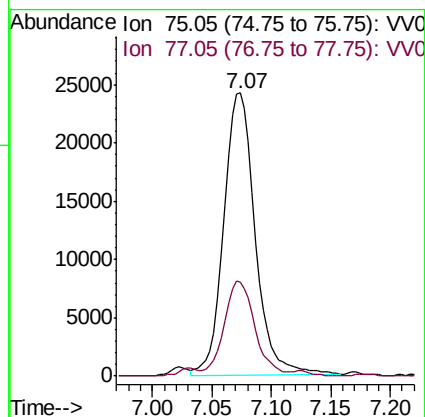
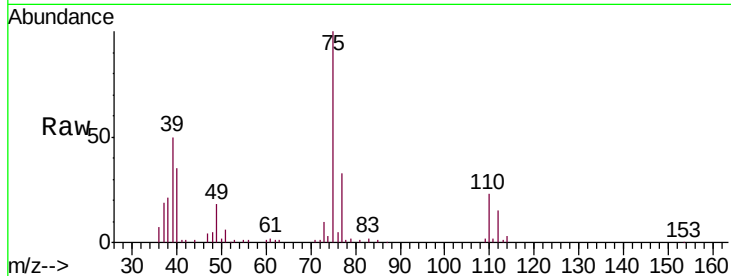




#39
 cis-1,3-Dichloropropene
 Concen: 4.742 ug/L
 RT: 7.07 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VV009818.D
 Acq: 22 Mar 2019 01:08

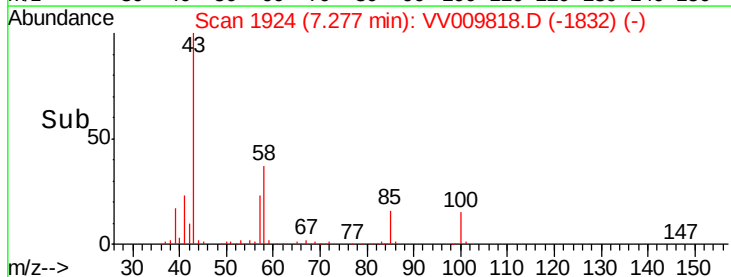
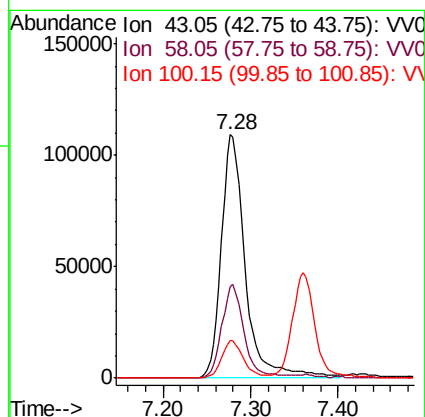
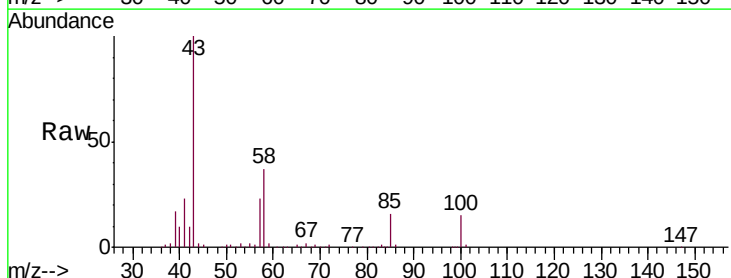
Instrument :
 MSVOA_V
 ClientSampled :
 VSTD00538

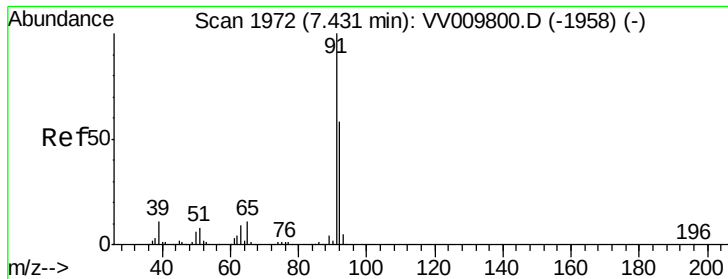
Tgt Ion: 75 Resp: 44522
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.1 44.8



#40
 4-Methyl-2-pentanone
 Concen: 51.438 ug/L
 RT: 7.28 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: VV009818.D
 Acq: 22 Mar 2019 01:08

Tgt Ion: 43 Resp: 208626
 Ion Ratio Lower Upper
 43 100
 58 35.7 32.3 48.5
 100 14.2 12.0 18.0





#42

Toluene

Concen: 4.960 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV009818.D

Acq: 22 Mar 2019 01:08

Instrument :

MSVOA_V

ClientSampleId :

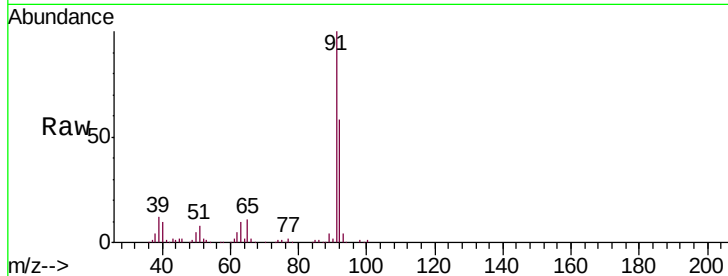
VSTD00538

Tgt Ion: 91 Resp: 155864

Ion Ratio Lower Upper

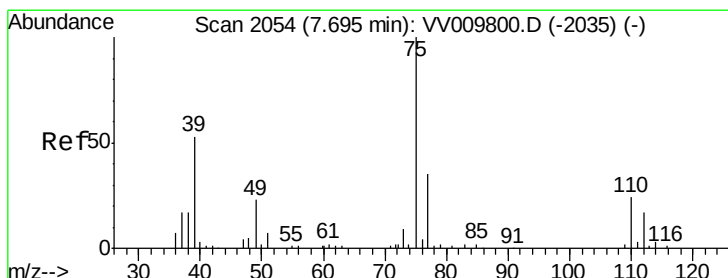
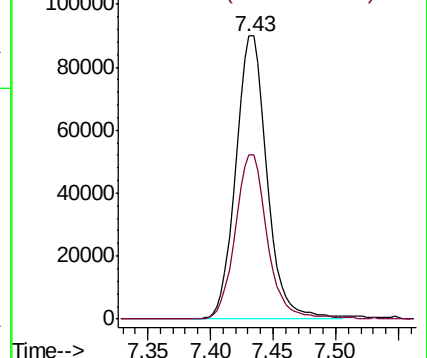
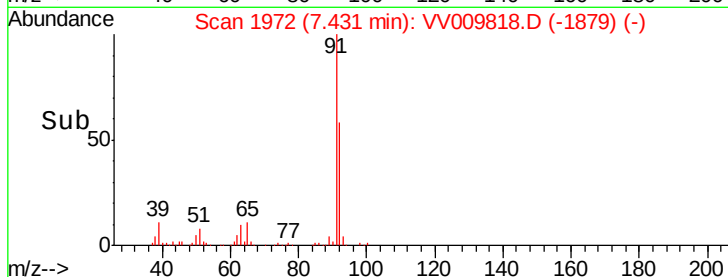
91 100

92 58.2 39.1 72.5



Abundance Ion 91.15 (90.85 to 91.85): VV009818.D (-1879) (-)

Ion 92.15 (91.85 to 92.85): VV009818.D (-1879) (-)



#44

trans-1,3-Dichloropropene

Concen: 4.869 ug/L

RT: 7.70 min Scan# 2055

Delta R.T. 0.00 min

Lab File: VV009818.D

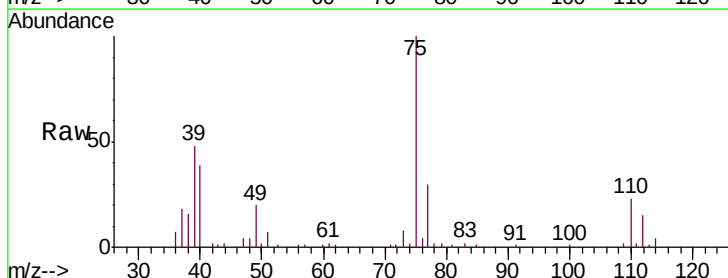
Acq: 22 Mar 2019 01:08

Tgt Ion: 75 Resp: 36550

Ion Ratio Lower Upper

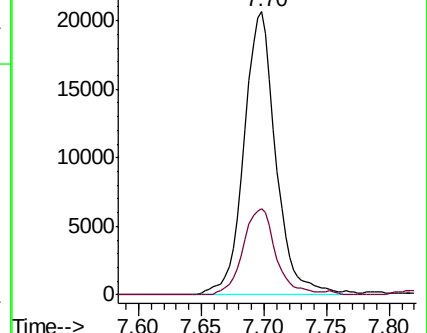
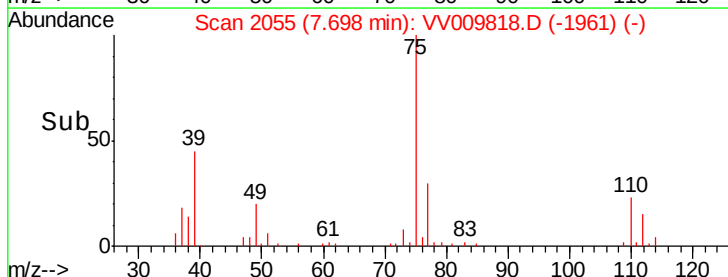
75 100

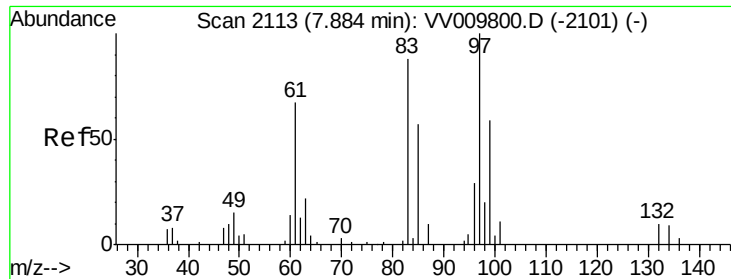
77 30.5 22.7 42.3



Abundance Ion 75.05 (74.75 to 75.75): VV009818.D (-1961) (-)

Ion 77.05 (76.75 to 77.75): VV009818.D (-1961) (-)

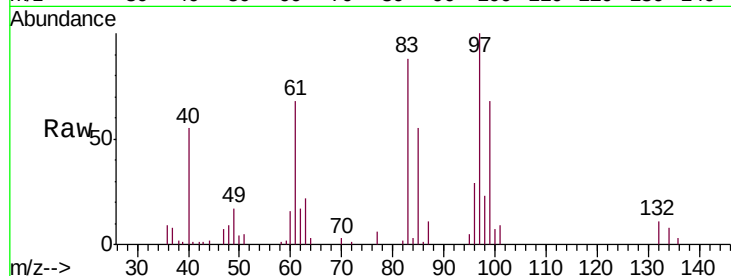




#45
 1,1,2-Trichloroethane
 Concen: 5.199 ug/L
 RT: 7.88 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VV009818.D
 Acq: 22 Mar 2019 01:08

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00538

Tgt Ion:	97	Resp:	24567
Ion	Ratio	Lower	Upper
97	100		
99	68.5	43.8	81.4
83	87.9	60.7	112.7
85	54.9	40.5	75.3



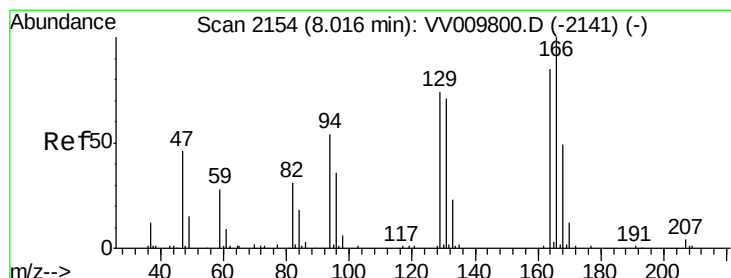
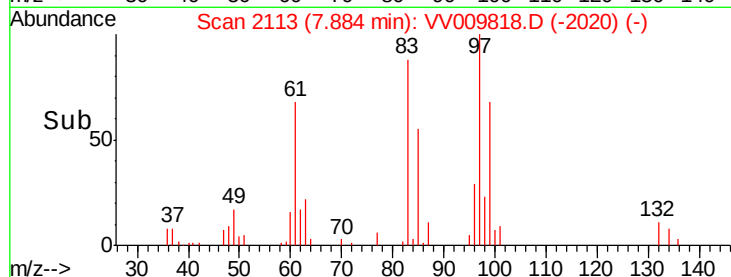
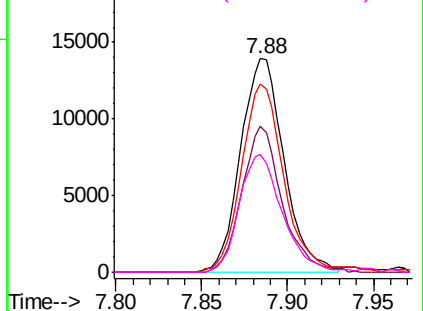
Abundance

Ion 96.95 (96.65 to 97.65): VV009818.D (-2020) (-)

Ion 99.05 (98.75 to 99.75): VV009818.D (-2020) (-)

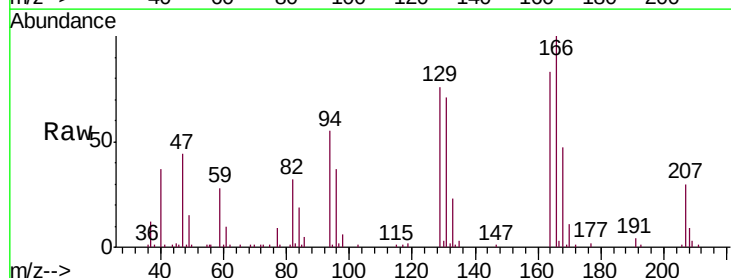
Ion 82.95 (82.65 to 83.65): VV009818.D (-2020) (-)

Ion 85.00 (84.70 to 85.70): VV009818.D (-2020) (-)



#47
 Tetrachloroethene
 Concen: 4.995 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV009818.D
 Acq: 22 Mar 2019 01:08

Tgt Ion:	164	Resp:	30302
Ion	Ratio	Lower	Upper
164	100		
129	92.0	73.6	136.8
131	85.4	68.4	127.0
166	120.4	91.8	170.4



Abundance

Ion 163.90 (163.60 to 164.60): VV009818.D (-2061) (-)

Ion 128.95 (128.65 to 129.65): VV009818.D (-2061) (-)

Ion 130.95 (130.65 to 131.65): VV009818.D (-2061) (-)

Ion 165.90 (165.60 to 166.60): VV009818.D (-2061) (-)

