

Data File : VV011802.D
Acq On : 02 Jul 2019 11:41
Operator : SY/MD
Sample : VSTD02032
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD02032

Quant Time: Jul 03 07:54:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 07:50:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	184897	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	179325	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	88911	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	254504	18.28	ug/L	0.00
7) Chloroethane-d5	1.58	69	191464	20.74	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	497577	18.66	ug/L	0.00
20) 2-Butanone-d5	3.96	46	682223	178.83	ug/L	-0.02
24) Chloroform-d	4.40	84	514997	19.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	263993	18.07	ug/L	0.00
32) Benzene-d6	5.10	84	999515	18.81	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	304741	18.18	ug/L	0.00
41) Toluene-d8	7.36	98	938143	19.66	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	122144	21.63	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	567284	181.48	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	222172	17.78	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	330433	18.82	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	354396	20.787 ug/L	98
3) Chloromethane	1.25	50	341269	18.853 ug/L	99
5) Vinyl chloride	1.32	62	333647	18.848 ug/L	99
6) Bromomethane	1.54	94	174136	22.295 ug/L	99
8) Chloroethane	1.60	64	183290	20.310 ug/L	100
9) Trichlorofluoromethane	1.77	101	433102	21.312 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	242766	21.136 ug/L	98
12) 1,1-Dichloroethene	2.14	96	228892	19.717 ug/L	94
13) Acetone	2.22	43	420839	162.896 ug/L	99
14) Carbon disulfide	2.32	76	659574	20.955 ug/L	100
15) Methyl Acetate	2.47	43	105905	15.821 ug/L	92
16) Methylene chloride	2.53	84	235038	17.853 ug/L	100
17) Methyl tert-butyl Ether	2.81	73	618120	18.235 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	263218	20.131 ug/L	98
19) 1,1-Dichloroethane	3.23	63	519332	19.214 ug/L	99
21) 2-Butanone	4.04	43	748579	182.450 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	289086	19.554 ug/L	100
23) Bromochloromethane	4.30	128	116077	19.683 ug/L	97
25) Chloroform	4.43	83	520176	19.119 ug/L	98
27) 1,2-Dichloroethane	5.18	62	334957	17.701 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	452938	20.326 ug/L	99
30) Cyclohexane	4.72	56	500237	21.332 ug/L	99
31) Carbon tetrachloride	4.87	117	393463	21.491 ug/L	100
33) Benzene	5.15	78	1125664	19.266 ug/L	100
34) Trichloroethene	5.96	95	292757	19.654 ug/L	97
35) Methylcyclohexane	6.17	83	508921	23.120 ug/L	97
37) 1,2-Dichloropropane	6.22	63	288999	18.556 ug/L	99
38) Bromodichloromethane	6.56	83	354952	20.169 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	435358	22.099 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	1865634	172.973 ug/L	98

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1227451	20.122	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	338529	22.435	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	184444	17.970	ug/L	98
47) Tetrachloroethene	8.02	164	230840	21.056	ug/L	99
48) 2-Hexanone	8.19	43	1333766	175.887	ug/L	99
49) Dibromochloromethane	8.29	129	219893	21.202	ug/L	100
50) 1,2-Dibromoethane	8.40	107	174398	18.766	ug/L	99
51) Chlorobenzene	8.92	112	755181	20.093	ug/L	98
52) Ethylbenzene	9.05	91	1393919	21.547	ug/L	99
53) m,p-xylene	9.18	106	522840	22.074	ug/L	97
54) o-xylene	9.59	106	505715	21.420	ug/L	99
55) Styrene	9.60	104	866612	22.098	ug/L	99
56) Isopropylbenzene	9.97	105	1370829	22.491	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	226944	18.115	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	163829	17.178	ug/L	99
61) Bromoform	9.77	173	108757	19.474	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	592198	20.431	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	595140	20.203	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	549079	19.054	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	34499	16.913	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	460815	21.448	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	389146	22.552	ug/L	99
69) Naphthalene	13.55	128	682681	20.885	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	352229	21.166	ug/L	100

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

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```
ALS Vial      : 6      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
VSTD02032

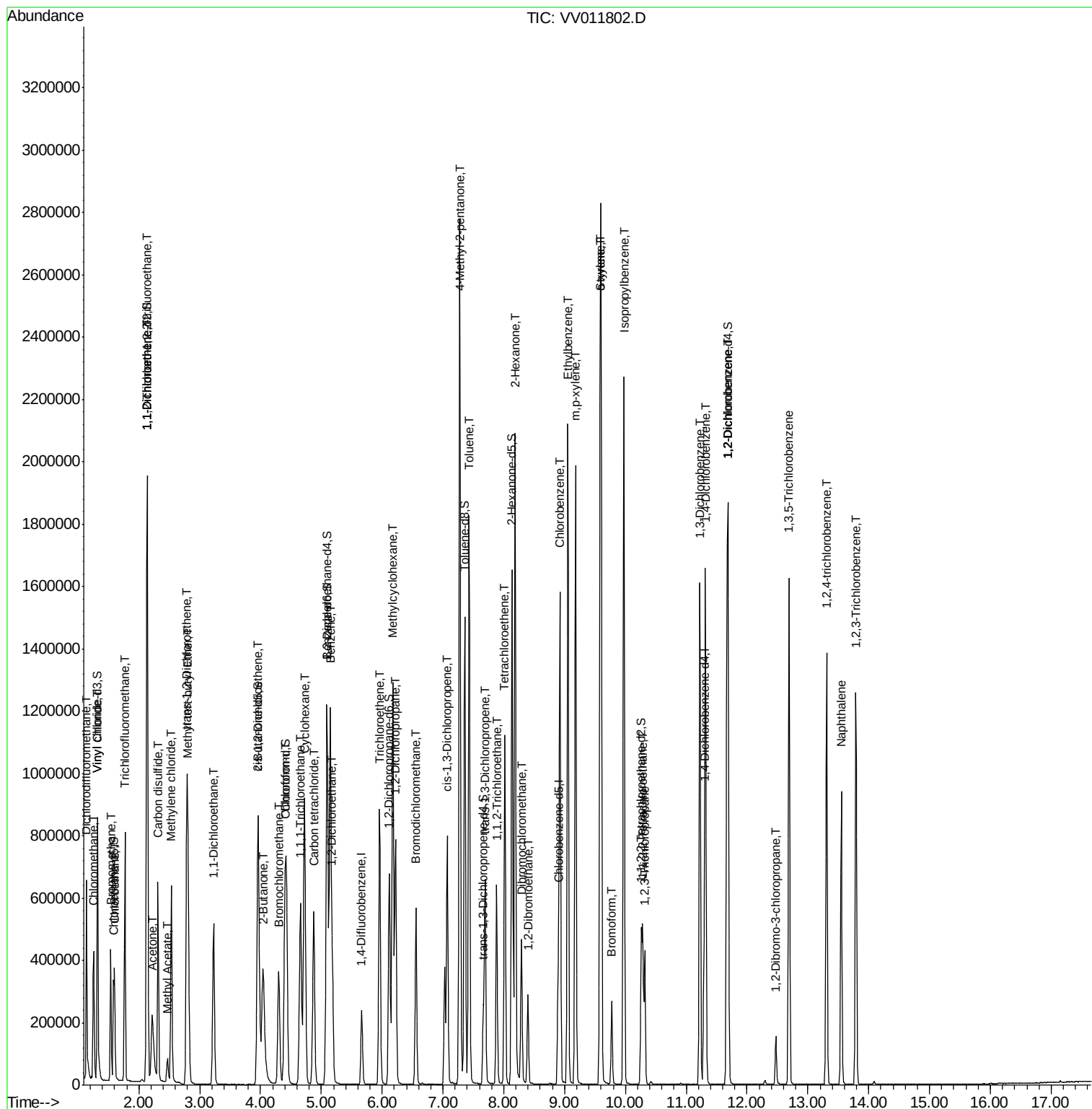
Quant Time: Jul 03 07:54:41 2019

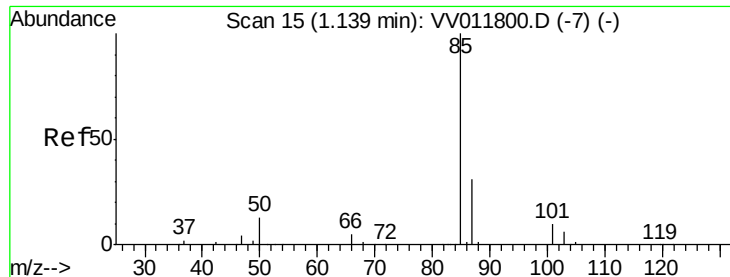
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVTR070219WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Wed Jul 03 07:50:25 2019

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 20.787 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV011802.D

Acq: 02 Jul 2019 11:41

Instrument :

MSVOA_V

ClientSampleId :

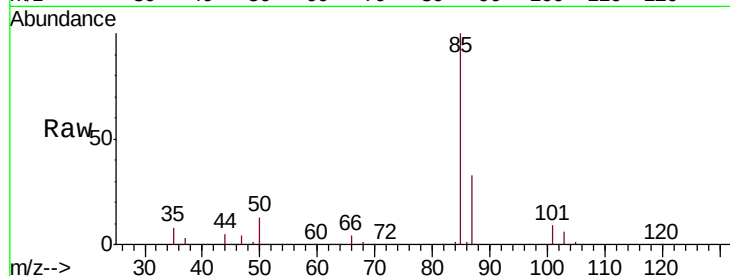
VSTD02032

Tgt Ion: 85 Resp: 354396

Ion Ratio Lower Upper

85 100

87 32.7 25.4 38.2



Abundance Ion 85.00 (84.70 to 85.70): VV011802.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VV011802.D (-7) (-)

1.14

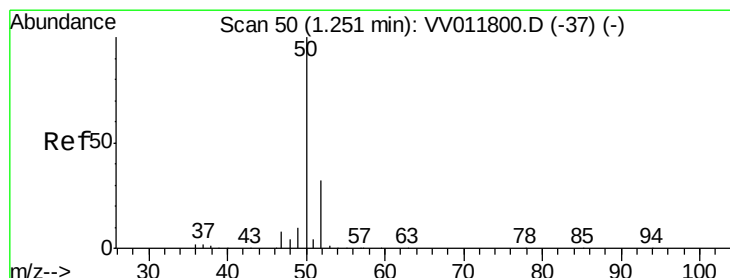
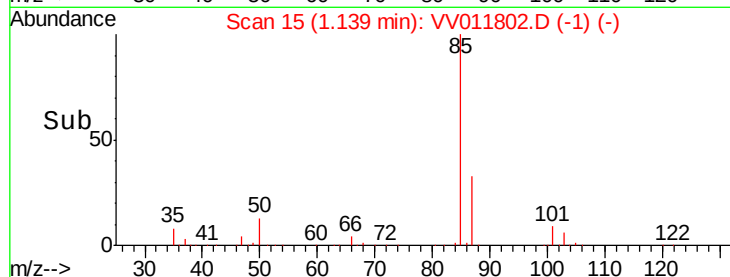
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 18.853 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV011802.D

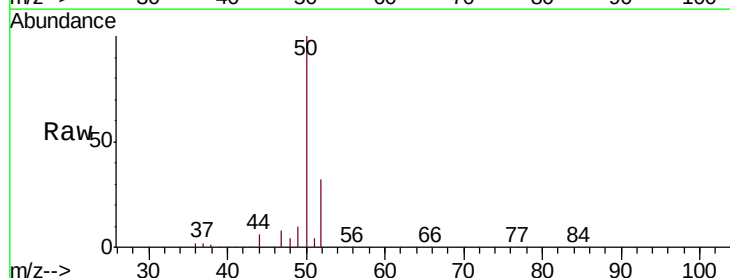
Acq: 02 Jul 2019 11:41

Tgt Ion: 50 Resp: 341269

Ion Ratio Lower Upper

50 100

52 32.5 22.3 41.3



Abundance Ion 50.05 (49.75 to 50.75): VV011802.D (-37) (-)

Ion 52.05 (51.75 to 52.75): VV011802.D (-37) (-)

1.25

300000

250000

200000

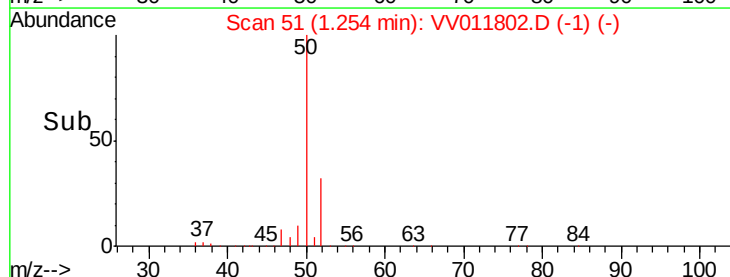
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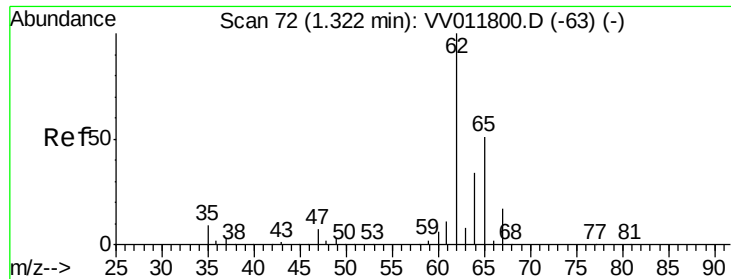
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 18.848 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV011802.D

Acq: 02 Jul 2019 11:41

Instrument :

MSVOA_V

ClientSampleId :

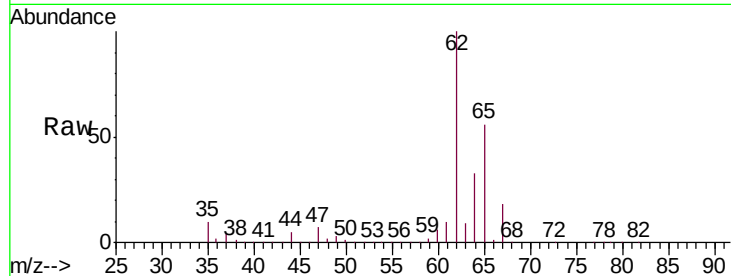
VSTD02032

Tgt Ion: 62 Resp: 333647

Ion Ratio Lower Upper

62 100

64 33.5 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

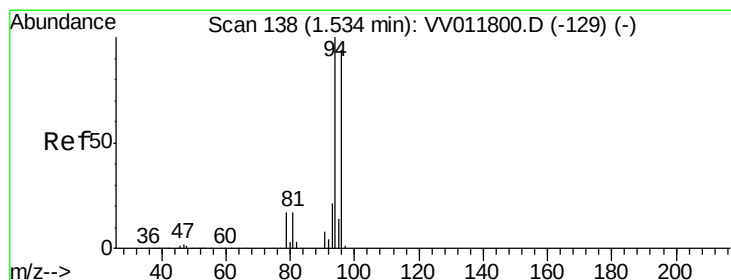
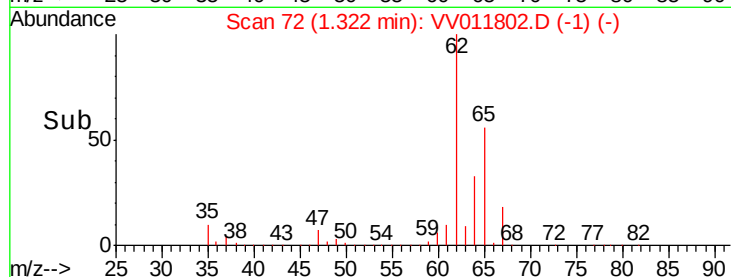
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 22.295 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV011802.D

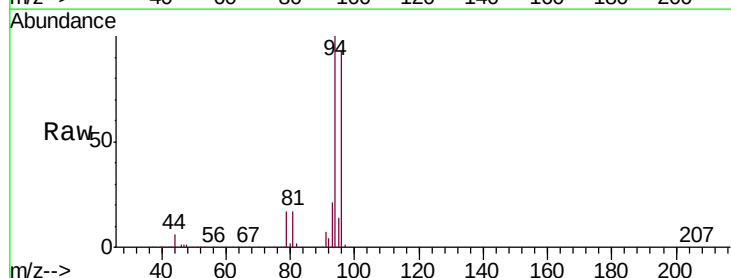
Acq: 02 Jul 2019 11:41

Tgt Ion: 94 Resp: 174136

Ion Ratio Lower Upper

94 100

96 93.4 65.9 122.5



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

1.54

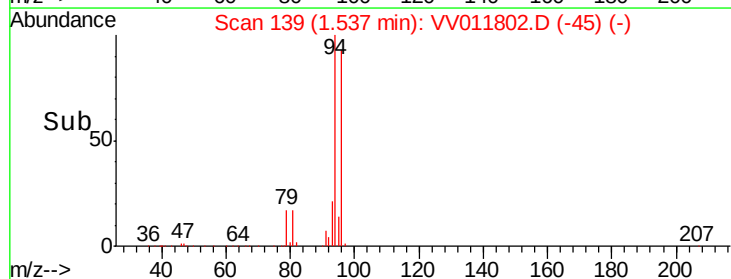
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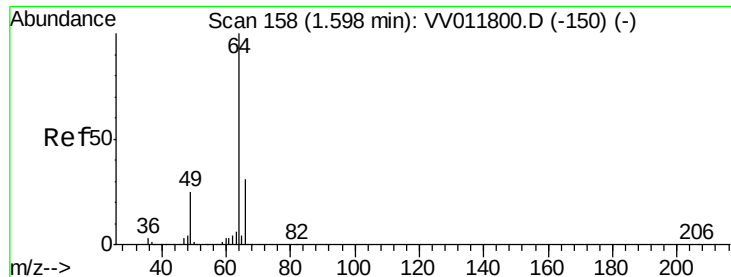
100000

50000

0

Time-->





#8

Chloroethane

Concen: 20.310 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VV011802.D

Acq: 02 Jul 2019 11:41

Instrument :

MSVOA_V

ClientSampleId :

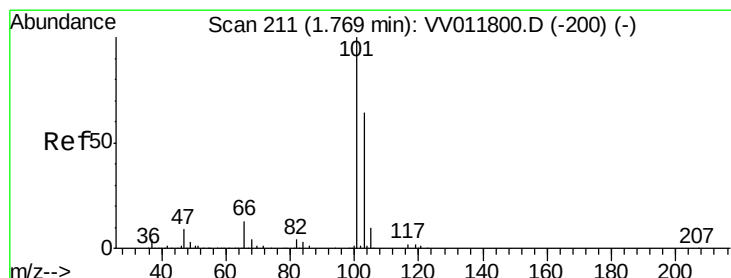
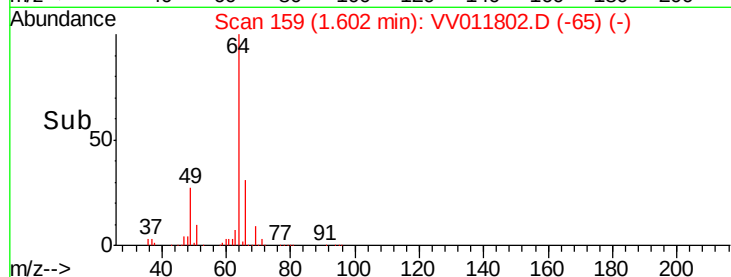
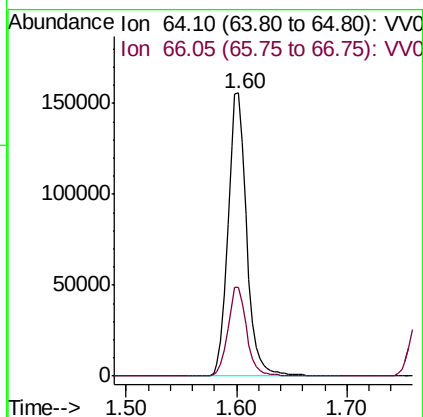
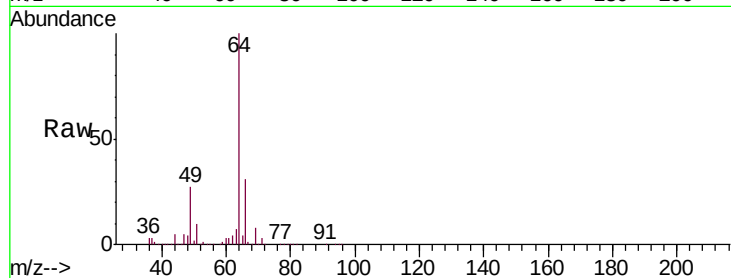
VSTD02032

Tgt Ion: 64 Resp: 183290

Ion Ratio Lower Upper

64 100

66 31.4 21.8 40.6



#9

Trichlorofluoromethane

Concen: 21.312 ug/L

RT: 1.77 min Scan# 211

Delta R.T. 0.00 min

Lab File: VV011802.D

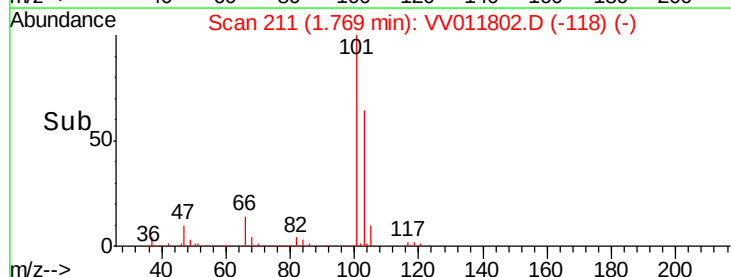
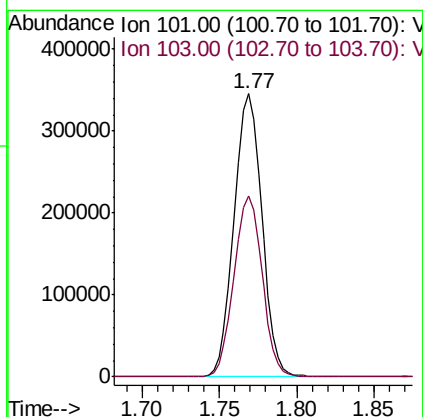
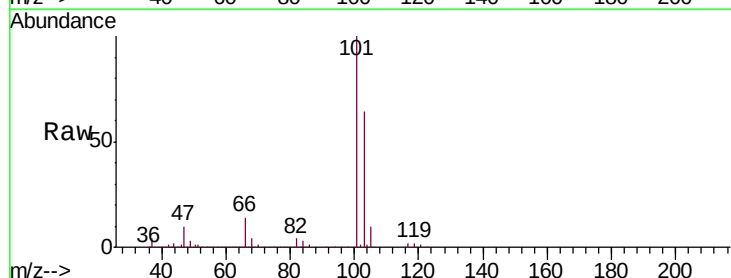
Acq: 02 Jul 2019 11:41

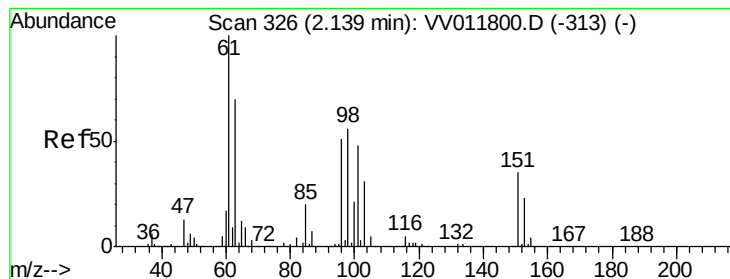
Tgt Ion: 101 Resp: 433102

Ion Ratio Lower Upper

101 100

103 64.6 52.0 78.0





#10

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

Concen: 21.136 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV011802.D

Acq: 02 Jul 2019 11:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD02032

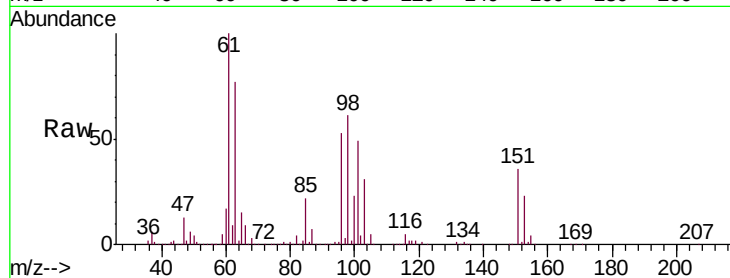
Tgt Ion: 101 Resp: 242766

Ion Ratio Lower Upper

101 100

85 44.5 34.8 52.2

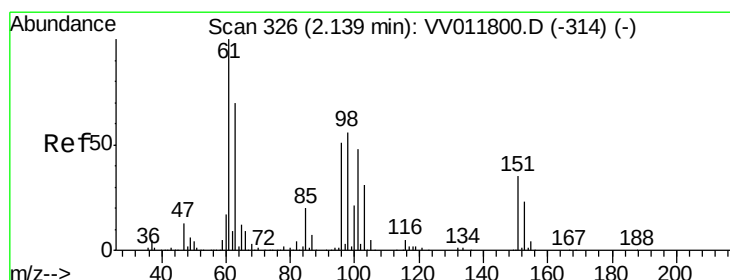
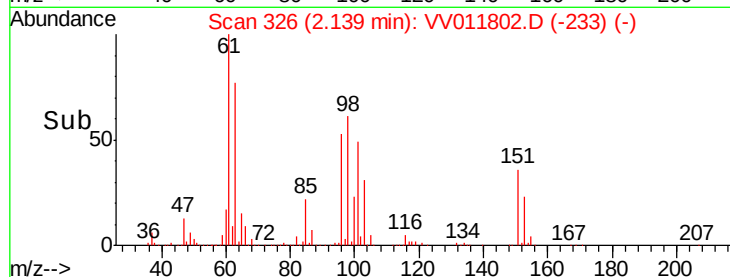
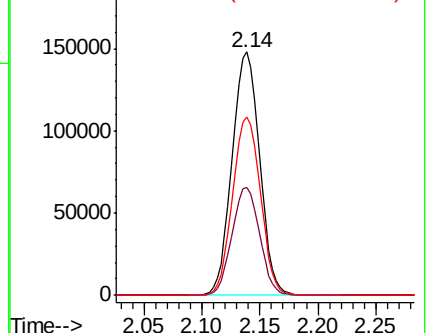
151 74.2 58.2 87.4



Abundance Ion 101.00 (100.70 to 101.70): VV011800.D (-313) (-)

Ion 85.00 (84.70 to 85.70): VV011800.D (-313) (-)

Ion 151.00 (150.70 to 151.70): VV011800.D (-313) (-)



#12

1,1-Dichloroethene

Concen: 19.717 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV011802.D

Acq: 02 Jul 2019 11:41

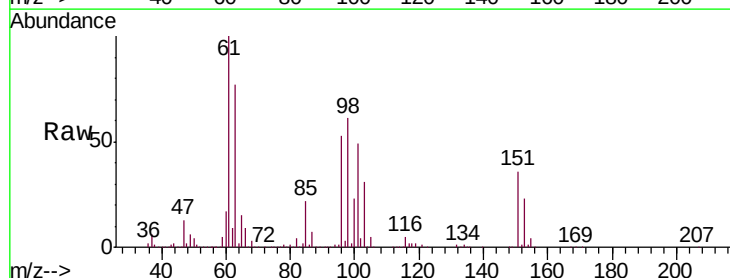
Tgt Ion: 96 Resp: 228892

Ion Ratio Lower Upper

96 100

61 187.3 137.1 254.5

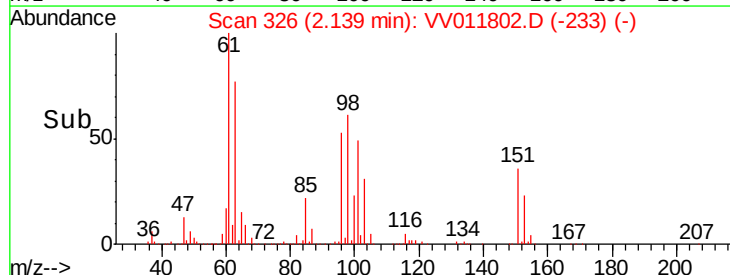
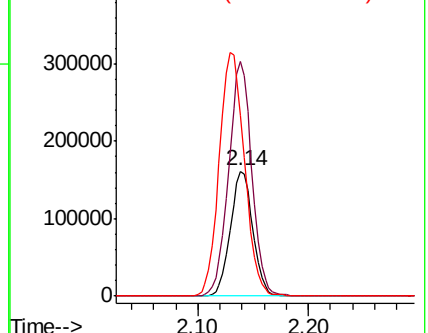
63 144.8 96.5 179.1

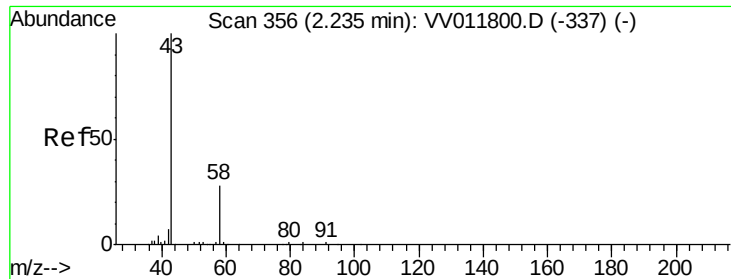


Abundance Ion 96.00 (95.70 to 96.70): VV011800.D (-314) (-)

Ion 61.05 (60.75 to 61.75): VV011800.D (-314) (-)

Ion 63.00 (62.70 to 63.70): VV011800.D (-314) (-)

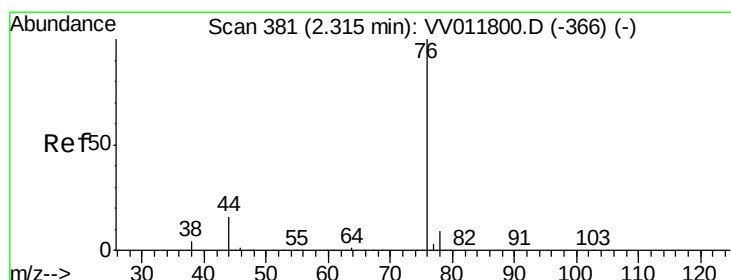
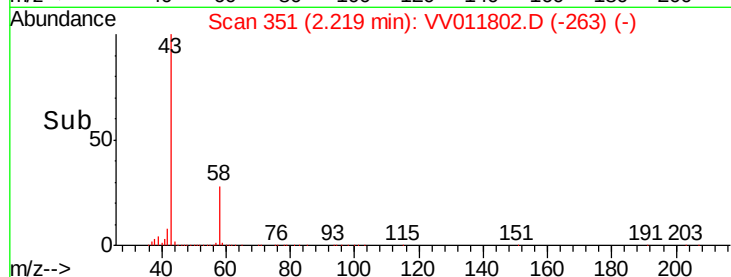
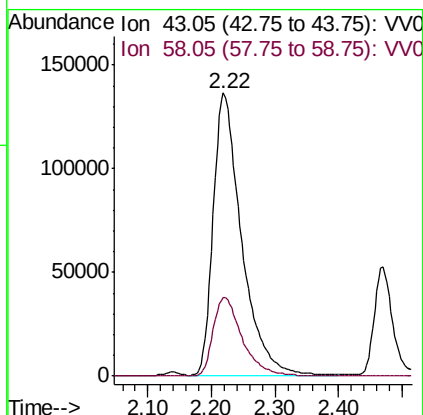
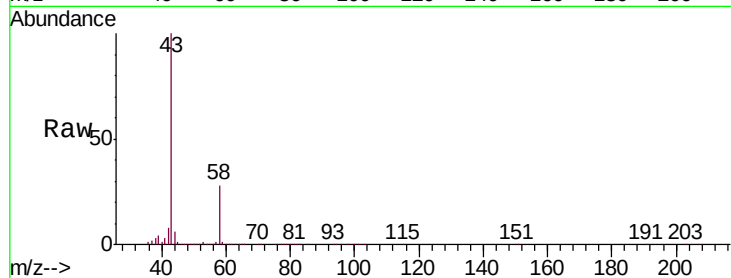




#13
Acetone
Concen: 162.896 ug/L
RT: 2.22 min Scan# 351
Delta R.T. -0.02 min
Lab File: VV011802.D
Acq: 02 Jul 2019 11:41

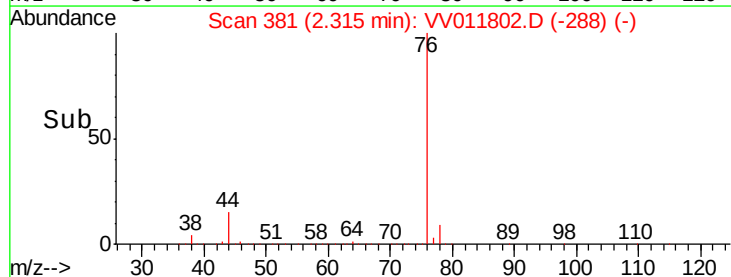
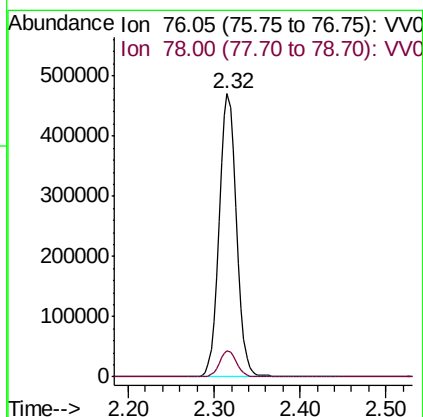
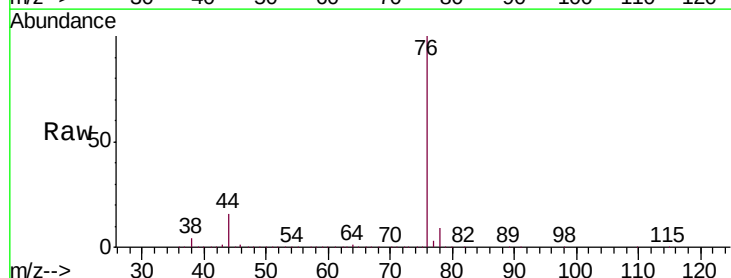
Instrument :
MSVOA_V
ClientSampleId :
VSTD02032

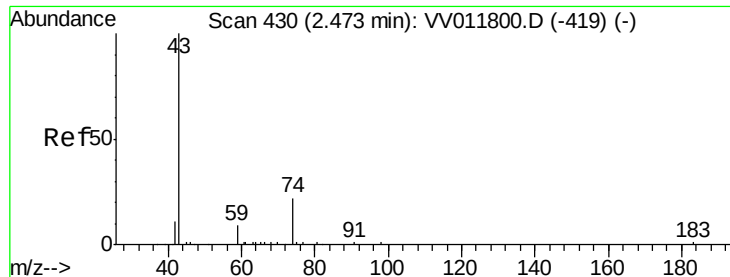
Tgt Ion: 43 Resp: 420839
Ion Ratio Lower Upper
43 100
58 28.4 0.0 58.0



#14
Carbon disulfide
Concen: 20.955 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV011802.D
Acq: 02 Jul 2019 11:41

Tgt Ion: 76 Resp: 659574
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

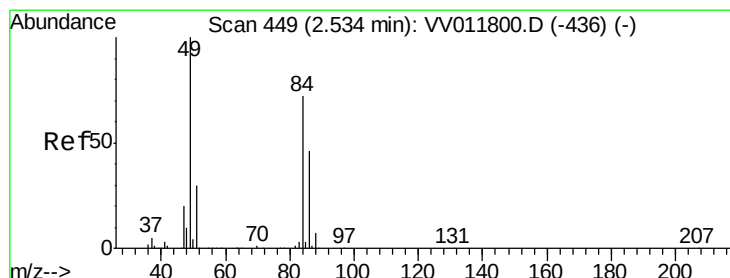
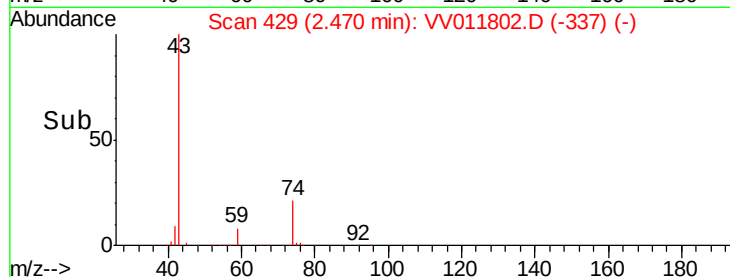
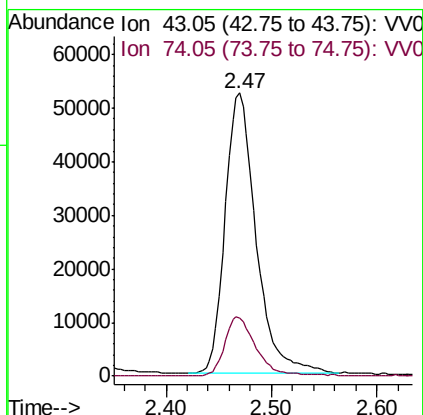
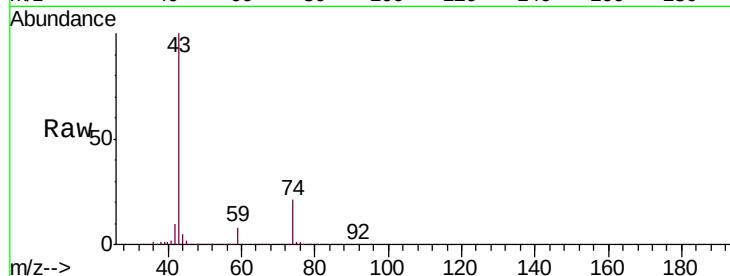




#15
Methyl Acetate
Concen: 15.821 ug/L
RT: 2.47 min Scan# 429
Delta R.T. -0.00 min
Lab File: VV011802.D
Acq: 02 Jul 2019 11:41

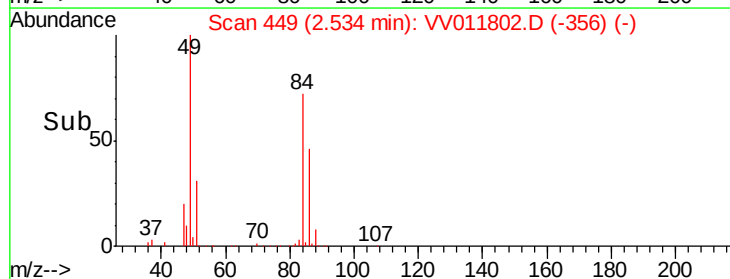
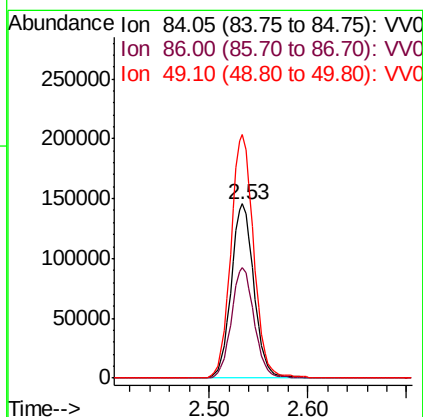
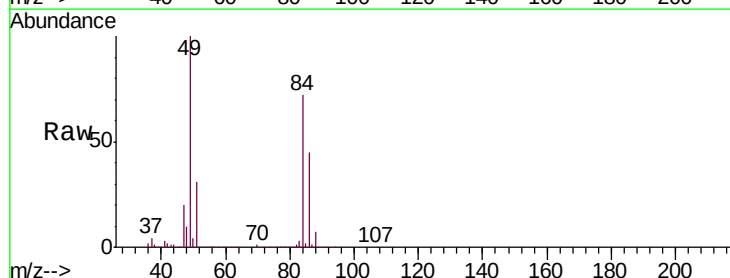
Instrument :
MSVOA_V
ClientSampleId :
VSTD02032

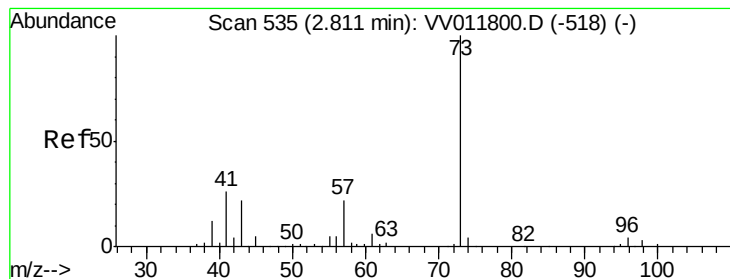
Tgt Ion: 43 Resp: 105905
Ion Ratio Lower Upper
43 100
74 21.2 20.2 30.4



#16
Methylene chloride
Concen: 17.853 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV011802.D
Acq: 02 Jul 2019 11:41

Tgt Ion: 84 Resp: 235038
Ion Ratio Lower Upper
84 100
86 63.5 44.5 82.7
49 139.7 97.2 180.6





#17

Methyl tert-butyl Ether

Concen: 18.235 ug/L

RT: 2.81 min Scan# 535

Delta R.T. 0.00 min

Lab File: VV011802.D

Acq: 02 Jul 2019 11:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD02032

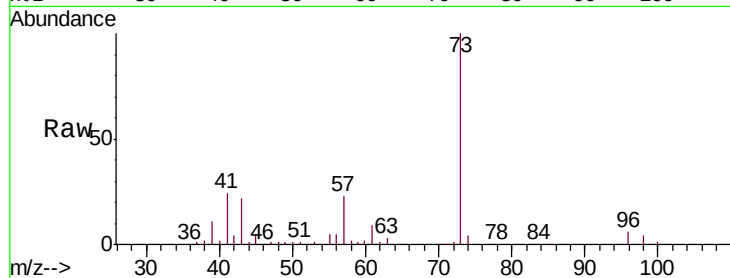
Tgt Ion: 73 Resp: 618120

Ion Ratio Lower Upper

73 100

43 22.2 17.6 26.4

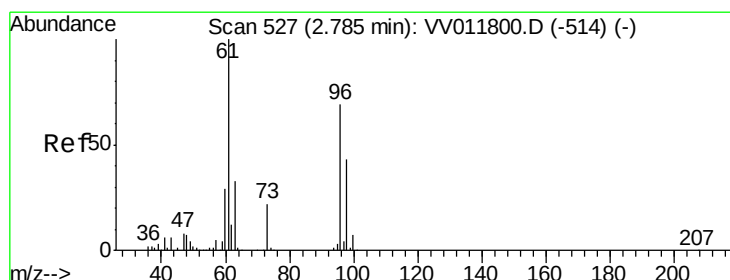
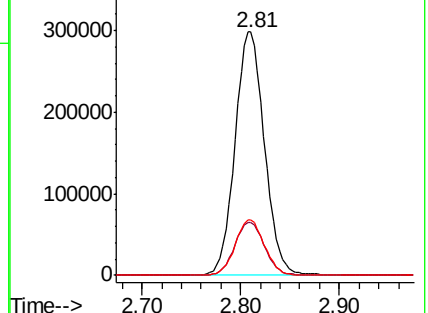
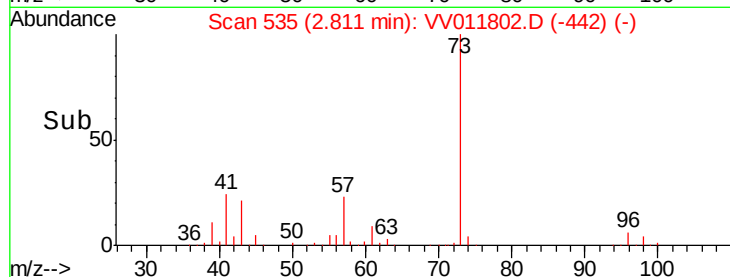
57 22.8 17.8 26.6



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: 20.131 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV011802.D

Acq: 02 Jul 2019 11:41

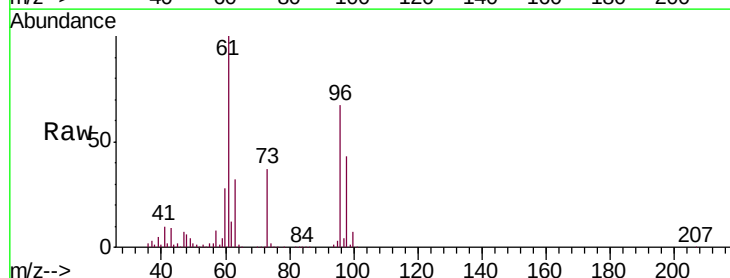
Tgt Ion: 96 Resp: 263218

Ion Ratio Lower Upper

96 100

61 148.4 102.3 189.9

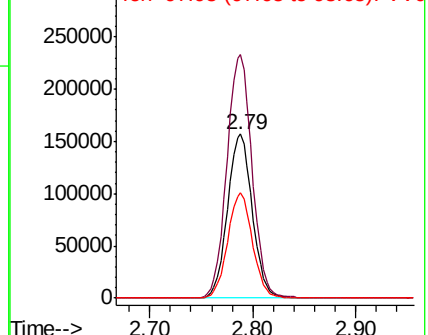
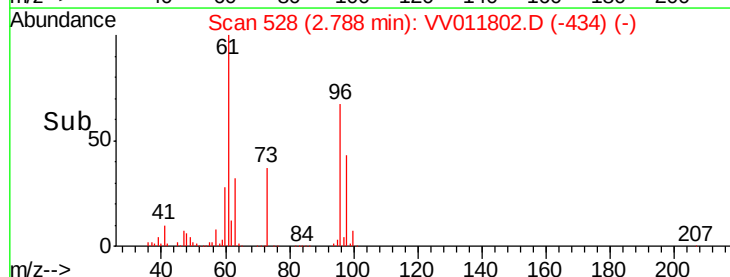
98 64.0 44.2 82.2

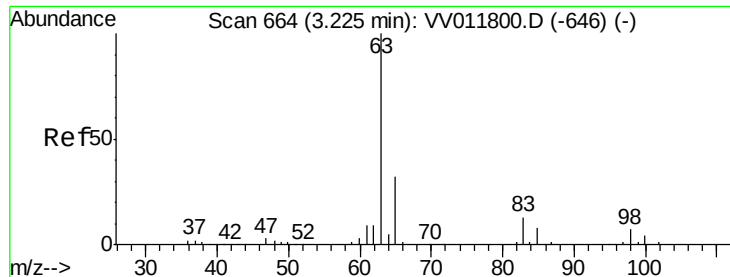


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0

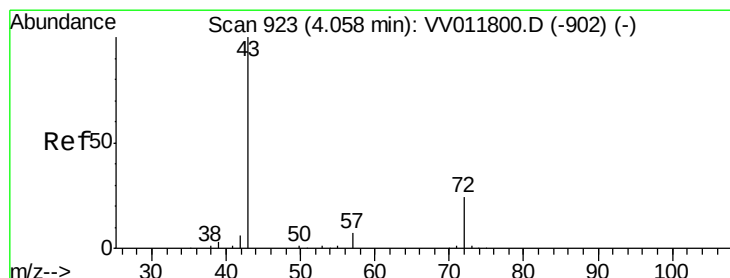
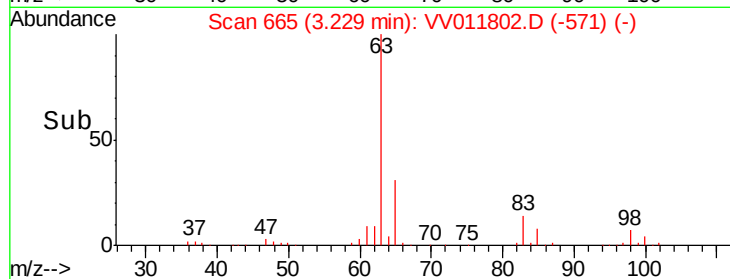
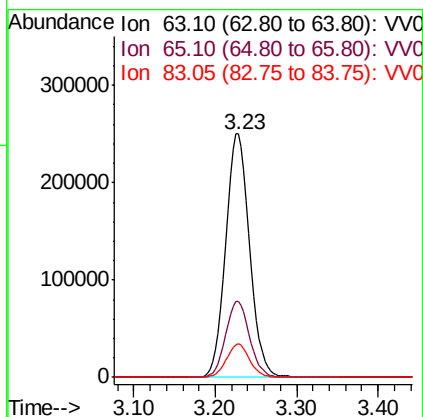
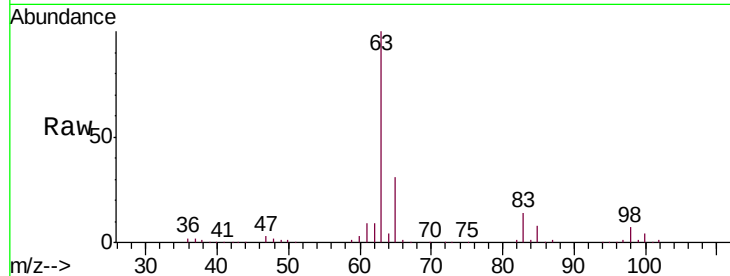




#19
 1,1-Dichloroethane
 Concen: 19.214 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VV011802.D
 Acq: 02 Jul 2019 11:41

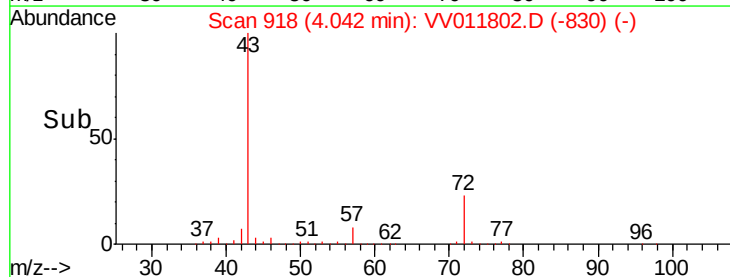
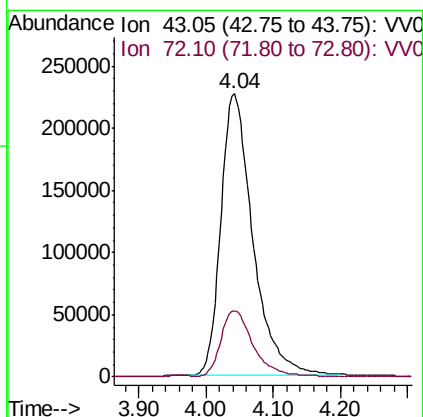
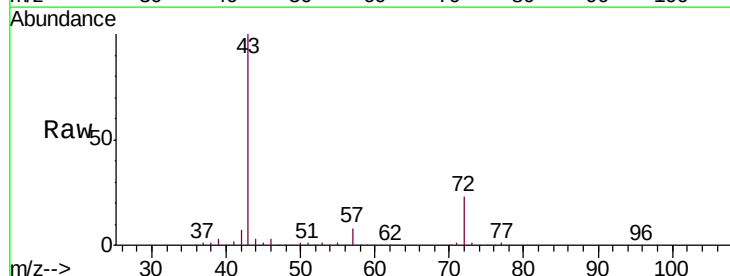
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02032

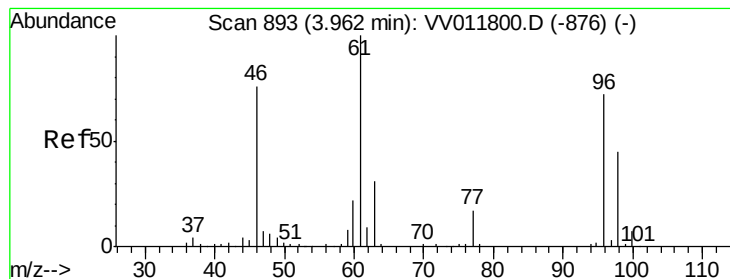
Tgt Ion: 63 Resp: 519332
 Ion Ratio Lower Upper
 63 100
 65 31.1 22.0 41.0
 83 13.7 8.9 16.5



#21
 2-Butanone
 Concen: 182.450 ug/L
 RT: 4.04 min Scan# 918
 Delta R.T. -0.02 min
 Lab File: VV011802.D
 Acq: 02 Jul 2019 11:41

Tgt Ion: 43 Resp: 748579
 Ion Ratio Lower Upper
 43 100
 72 23.6 12.1 36.3



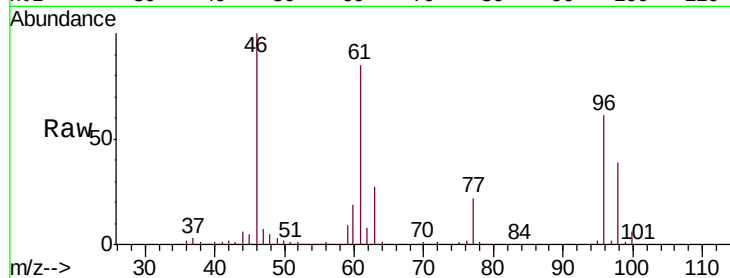


#22

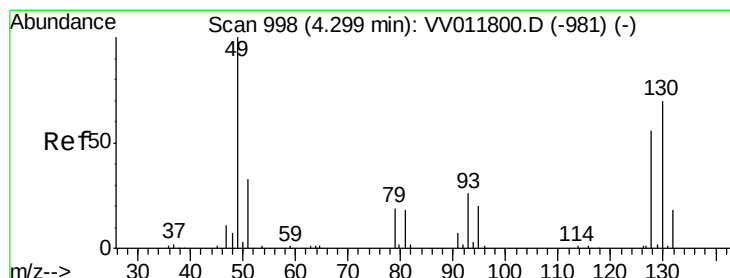
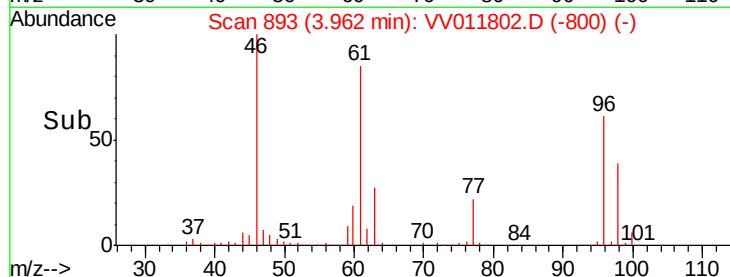
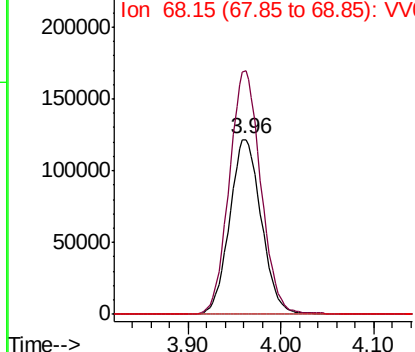
cis-1,2-Dichloroethene
 Concen: 19.554 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV011802.D
 Acq: 02 Jul 2019 11:41

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02032

Tgt Ion: 96 Resp: 289086
 Ion Ratio Lower Upper
 96 100
 61 139.0 97.1 180.3
 68 0.0 0.0 0.0



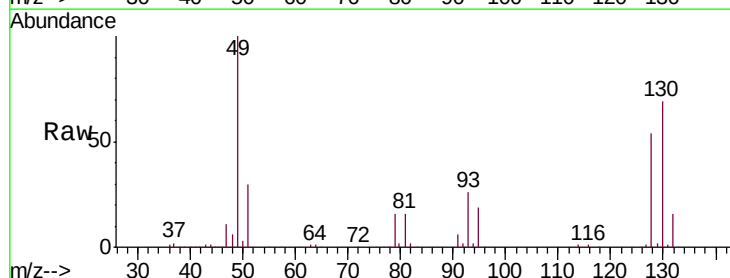
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



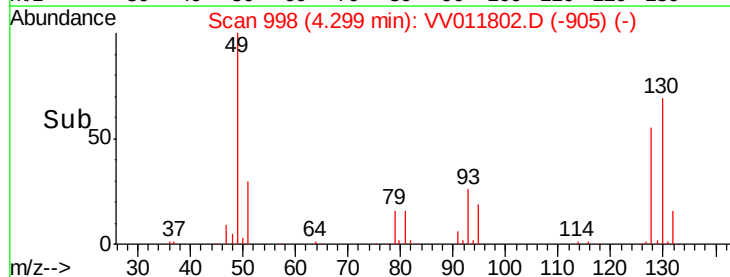
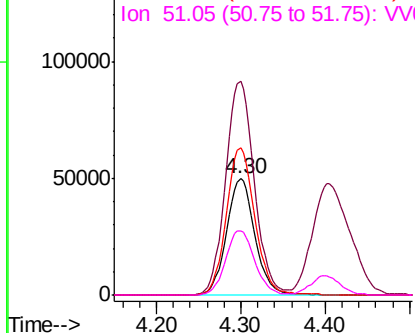
#23

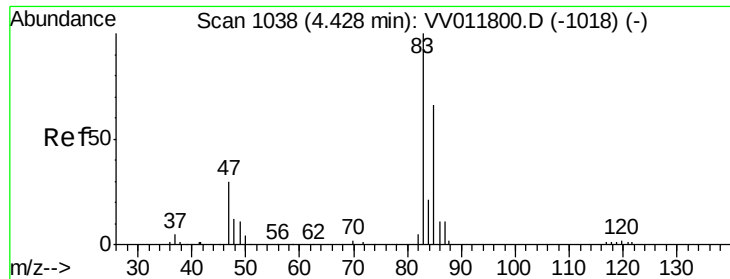
Bromochloromethane
 Concen: 19.683 ug/L
 RT: 4.30 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: VV011802.D
 Acq: 02 Jul 2019 11:41

Tgt Ion: 128 Resp: 116077
 Ion Ratio Lower Upper
 128 100
 49 184.1 125.6 233.2
 130 126.6 87.7 162.9
 51 55.6 46.7 70.1



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

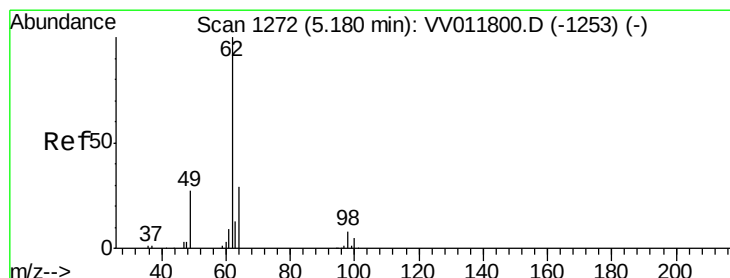
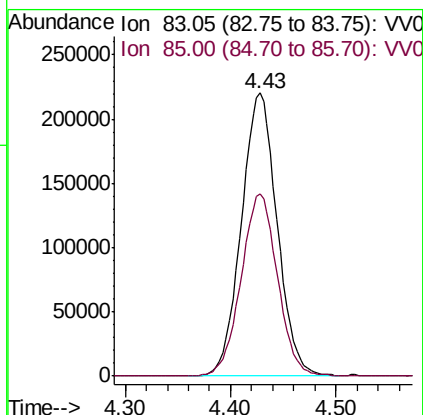
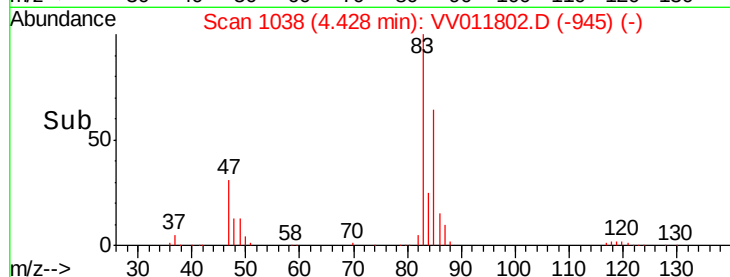
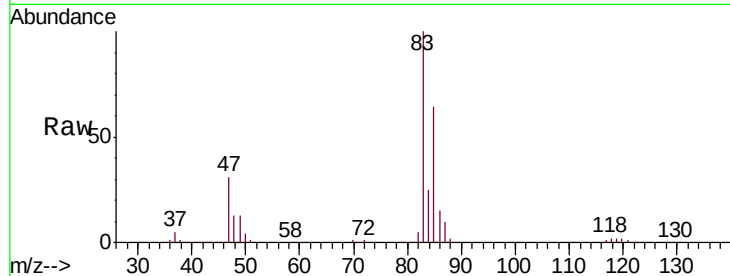




#25
Chloroform
Concen: 19.119 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV011802.D
Acq: 02 Jul 2019 11:41

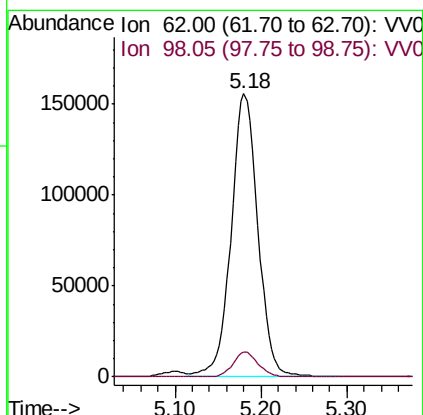
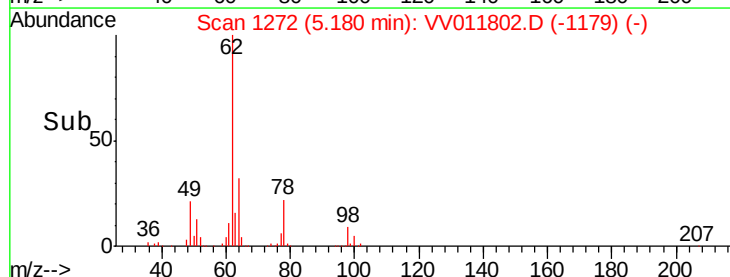
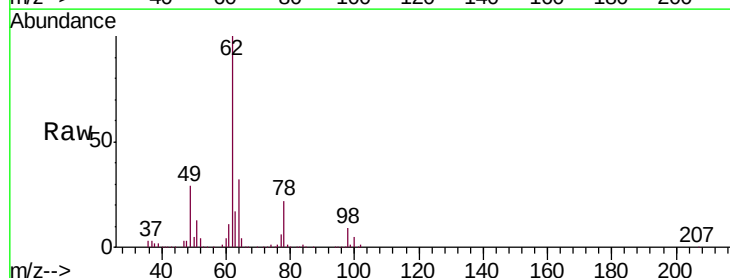
Instrument :
MSVOA_V
ClientSampleId :
VSTD02032

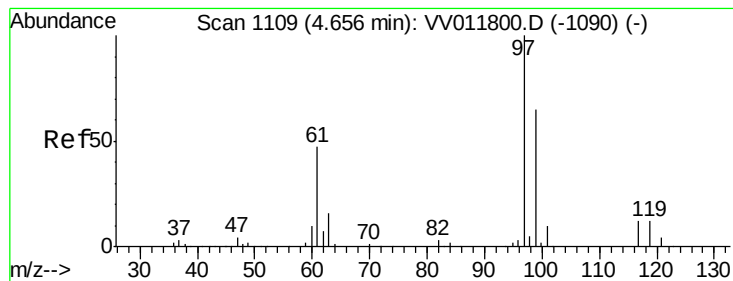
Tgt Ion: 83 Resp: 520176
Ion Ratio Lower Upper
83 100
85 64.4 45.9 85.3



#27
1,2-Dichloroethane
Concen: 17.701 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VV011802.D
Acq: 02 Jul 2019 11:41

Tgt Ion: 62 Resp: 334957
Ion Ratio Lower Upper
62 100
98 8.6 6.6 9.8





#29

1,1,1-Trichloroethane

Concen: 20.326 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VV011802.D

Acq: 02 Jul 2019 11:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD02032

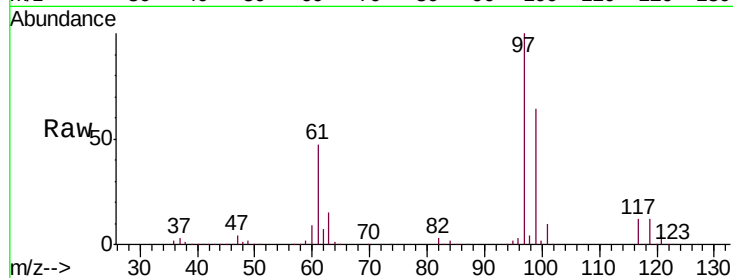
Tgt Ion: 97 Resp: 452938

Ion Ratio Lower Upper

97 100

99 64.1 52.2 78.4

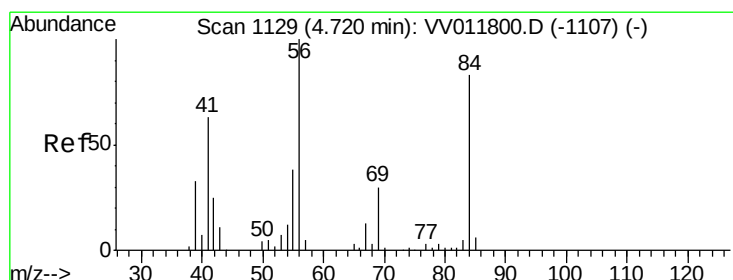
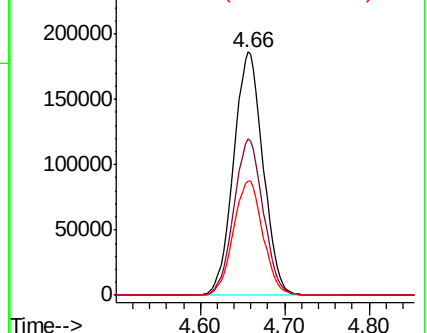
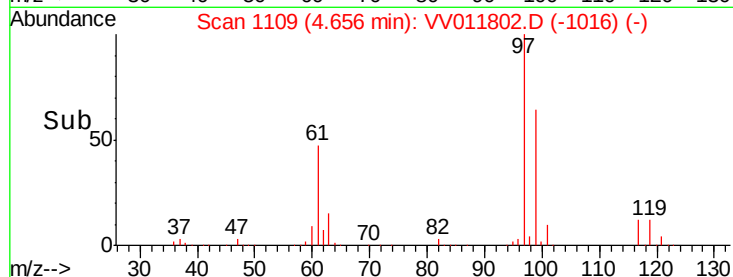
61 47.5 38.5 57.7



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: 21.332 ug/L

RT: 4.72 min Scan# 1130

Delta R.T. 0.00 min

Lab File: VV011802.D

Acq: 02 Jul 2019 11:41

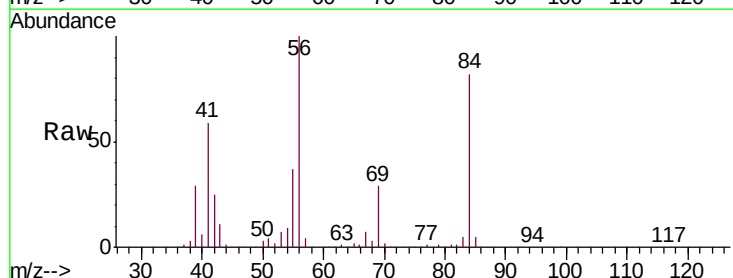
Tgt Ion: 56 Resp: 500237

Ion Ratio Lower Upper

56 100

69 29.2 23.5 35.3

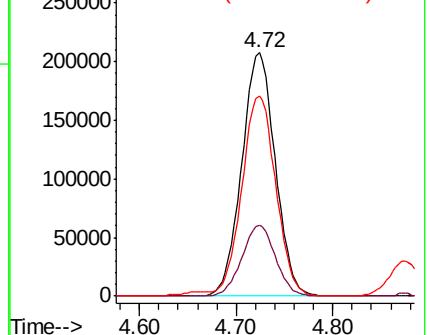
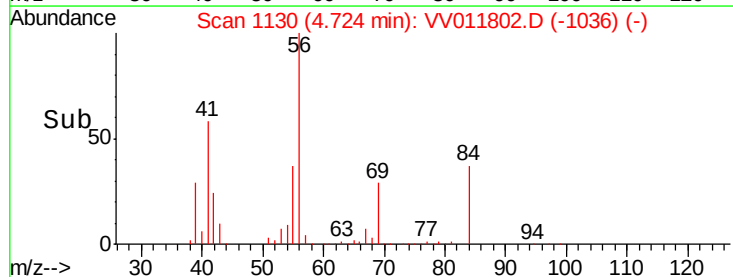
84 83.6 67.6 101.4

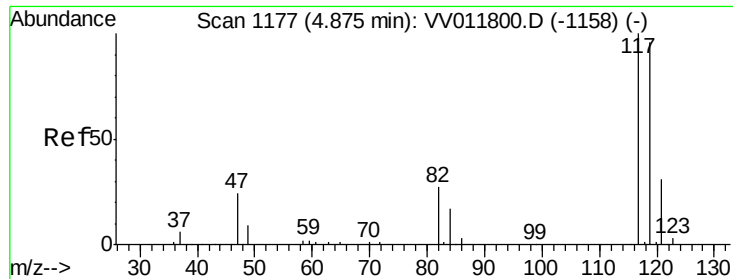


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 21.491 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VV011802.D

Acq: 02 Jul 2019 11:41

Instrument :

MSVOA_V

ClientSampleId :

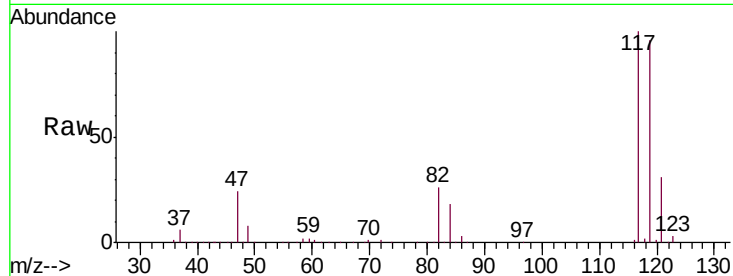
VSTD02032

Tgt Ion:117 Resp: 393463

Ion Ratio Lower Upper

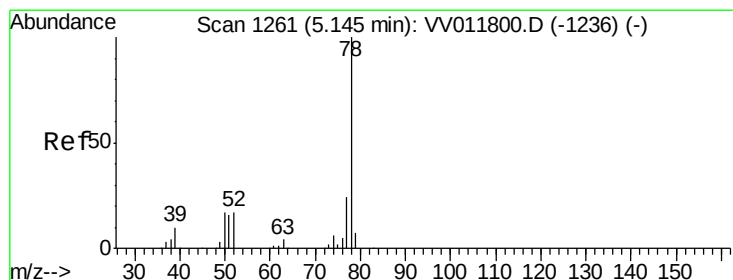
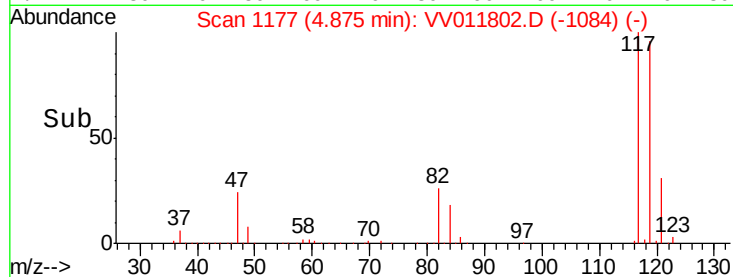
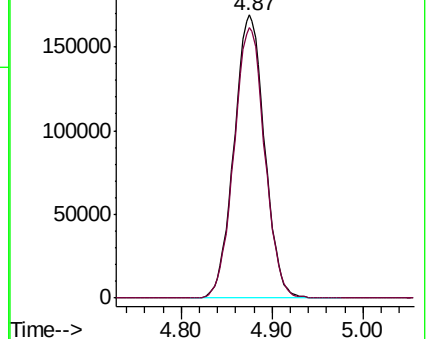
117 100

119 96.0 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: 19.266 ug/L

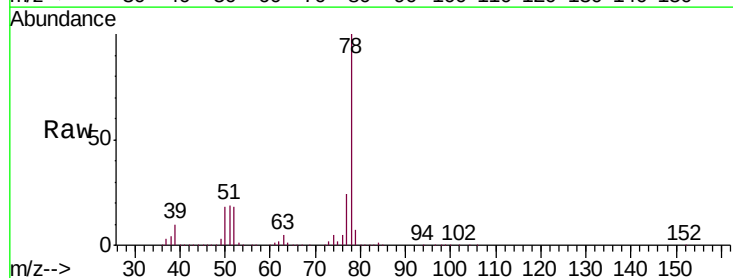
RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

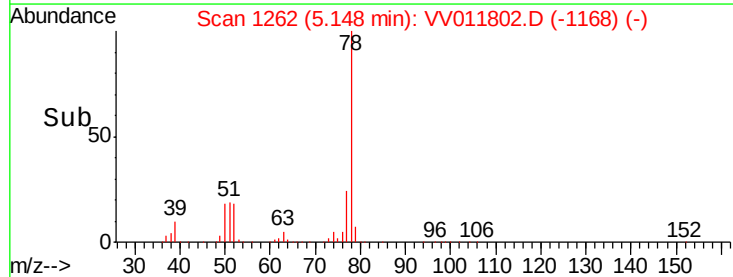
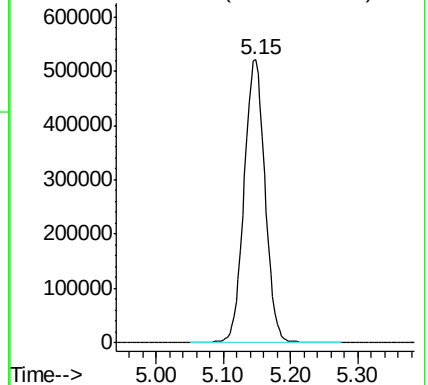
Lab File: VV011802.D

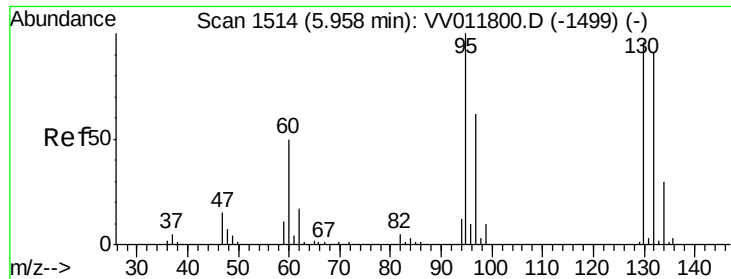
Acq: 02 Jul 2019 11:41

Tgt Ion: 78 Resp: 1125664



Abundance Ion 78.10 (77.80 to 78.80): VV0

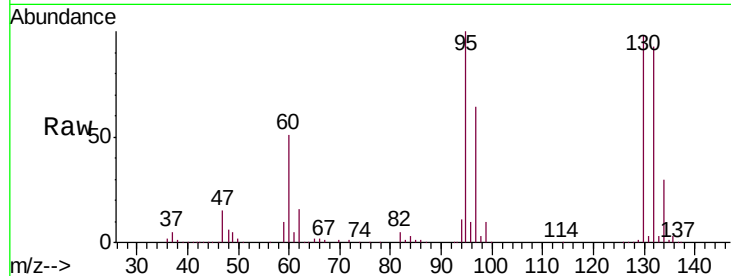




#34
 Trichloroethene
 Concen: 19.654 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV011802.D
 Acq: 02 Jul 2019 11:41

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02032

Tgt Ion:	95	Resp:	292757
Ion	Ratio	Lower	Upper
95	100		
97	64.3	43.7	81.1
132	93.4	63.7	118.3
130	98.5	67.1	124.7



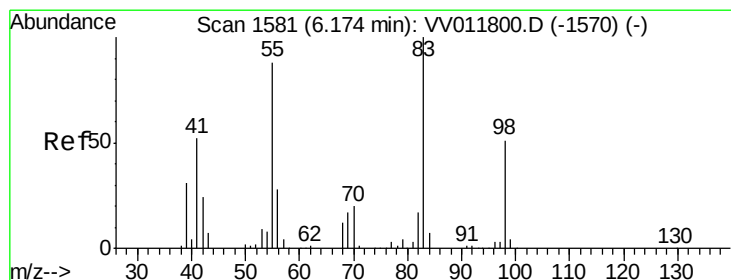
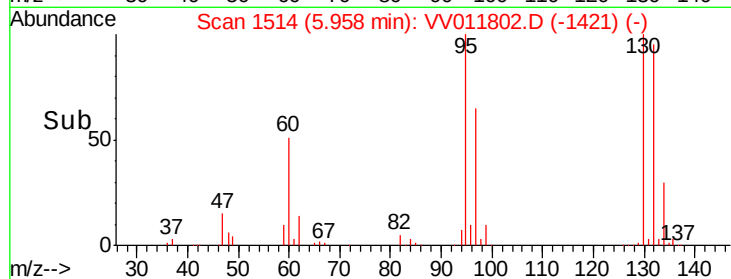
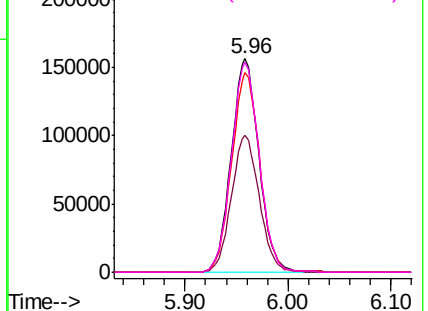
Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

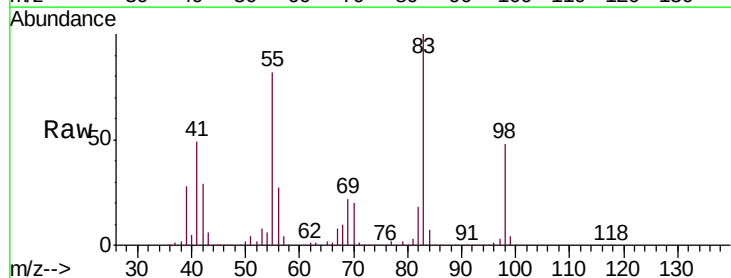
Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35
 Methylcyclohexane
 Concen: 23.120 ug/L
 RT: 6.17 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VV011802.D
 Acq: 02 Jul 2019 11:41

Tgt Ion:	83	Resp:	508921
Ion	Ratio	Lower	Upper
83	100		
55	81.5	67.8	101.6
98	48.5	39.8	59.8

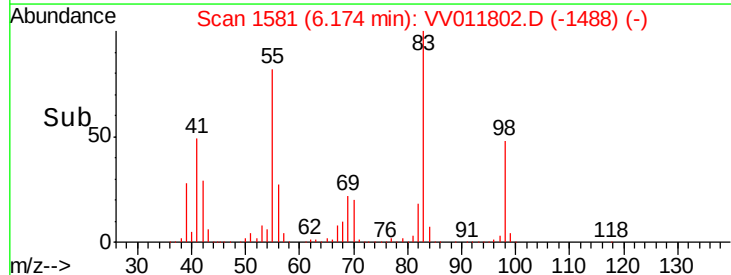
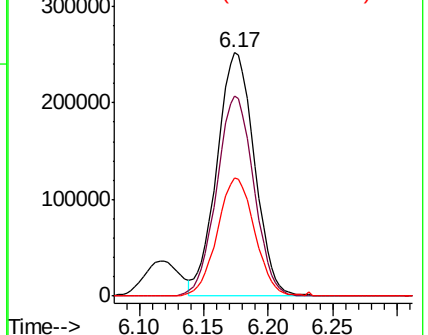


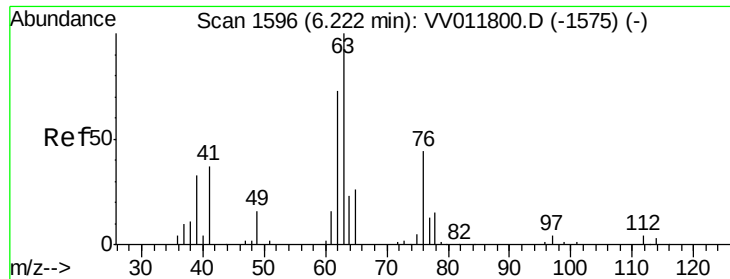
Abundance

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

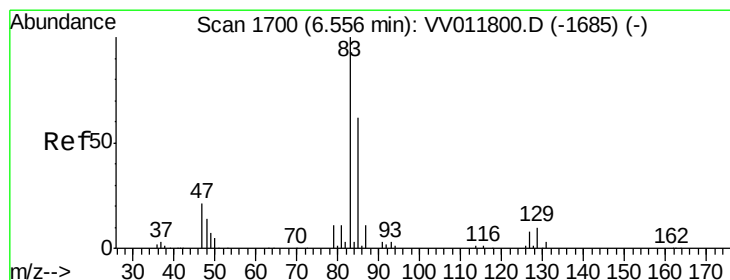
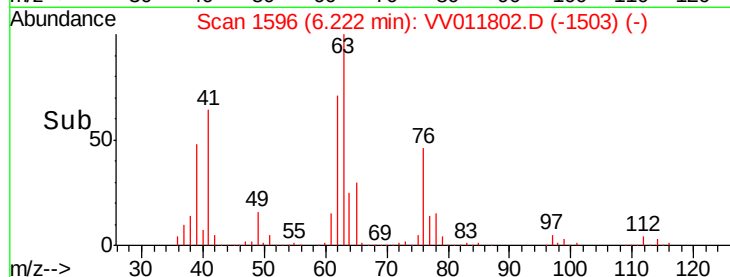
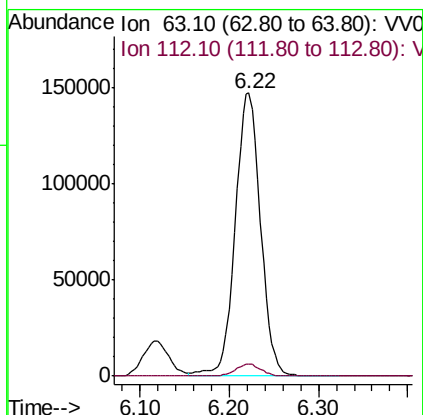
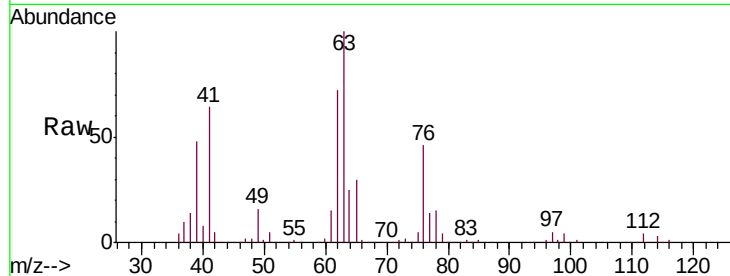




#37
 1,2-Dichloropropane
 Concen: 18.556 ug/L
 RT: 6.22 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: VV011802.D
 Acq: 02 Jul 2019 11:41

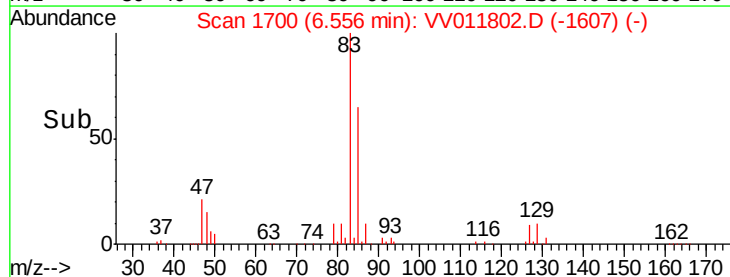
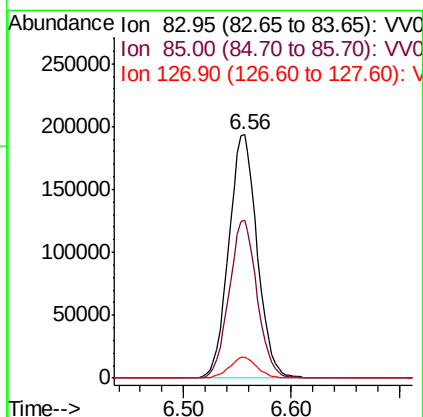
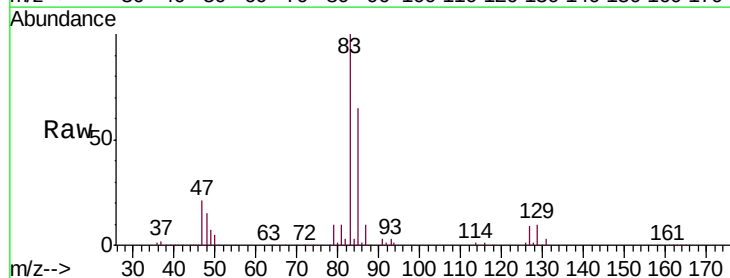
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02032

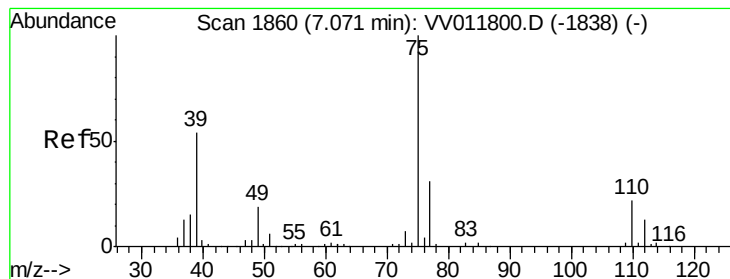
Tgt Ion: 63 Resp: 288999
 Ion Ratio Lower Upper
 63 100
 112 4.2 3.2 4.8



#38
 Bromodichloromethane
 Concen: 20.169 ug/L
 RT: 6.56 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VV011802.D
 Acq: 02 Jul 2019 11:41

Tgt Ion: 83 Resp: 354952
 Ion Ratio Lower Upper
 83 100
 85 65.0 43.1 80.1
 127 8.7 6.2 9.4



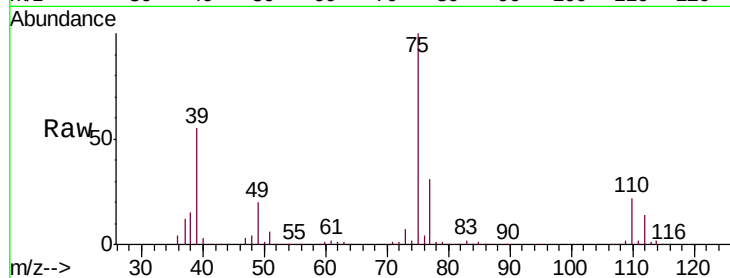


#39

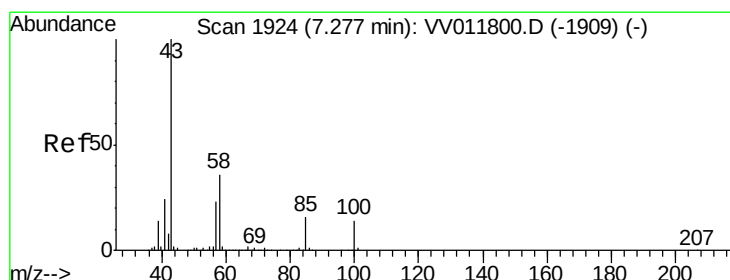
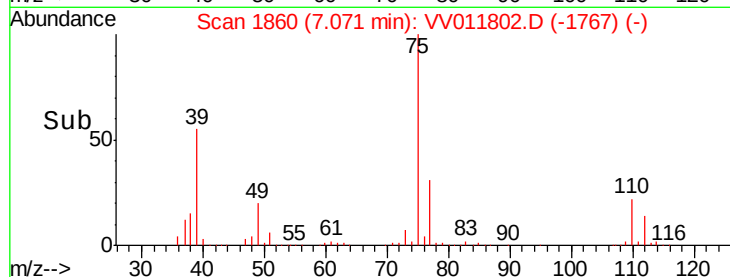
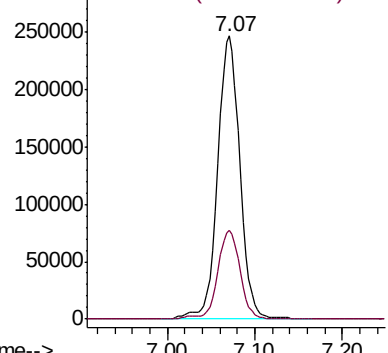
cis-1,3-Dichloropropene
Concen: 22.099 ug/L
RT: 7.07 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VV011802.D
Acq: 02 Jul 2019 11:41

Instrument :
MSVOA_V
ClientSampled :
VSTD02032

Tgt Ion: 75 Resp: 435358
Ion Ratio Lower Upper
75 100
77 31.4 22.0 40.8



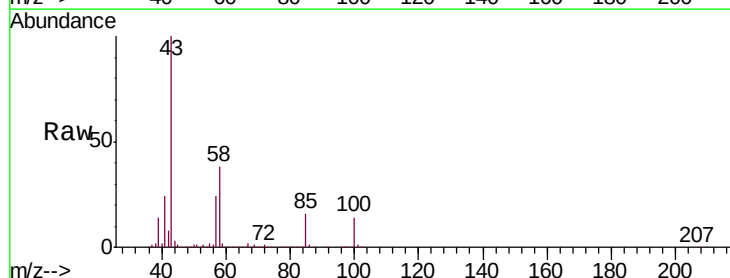
Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0



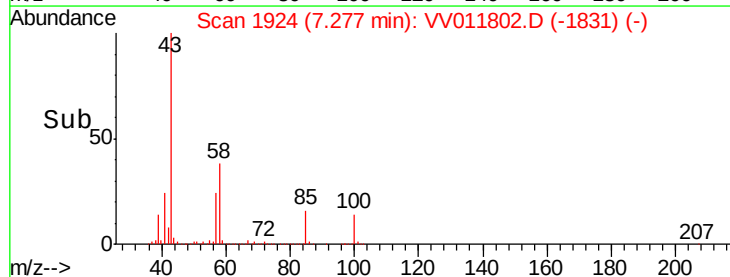
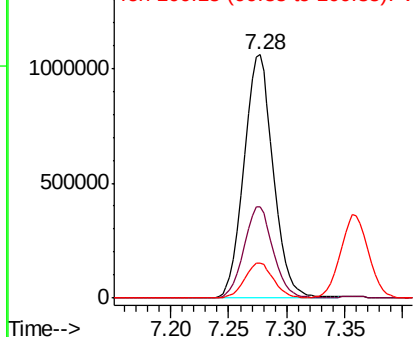
#40

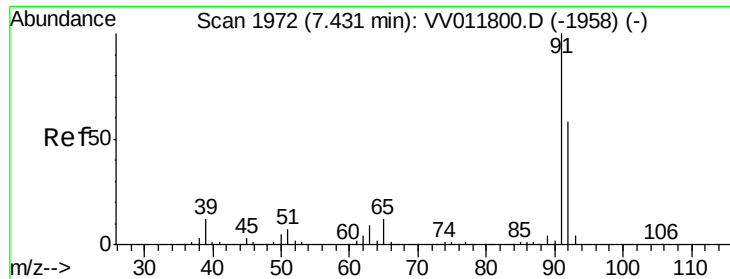
4-Methyl-2-pentanone
Concen: 172.973 ug/L
RT: 7.28 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VV011802.D
Acq: 02 Jul 2019 11:41

Tgt Ion: 43 Resp: 1865634
Ion Ratio Lower Upper
43 100
58 37.4 28.7 43.1
100 14.2 10.7 16.1



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: 20.122 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011802.D

Acq: 02 Jul 2019 11:41

Instrument :

MSVOA_V

ClientSampleId :

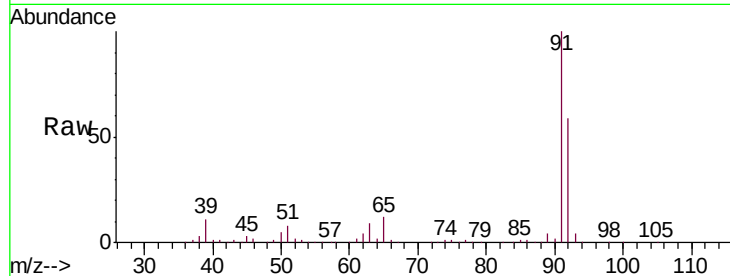
VSTD02032

Tgt Ion: 91 Resp: 1227451

Ion Ratio Lower Upper

91 100

92 58.5 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.43

800000

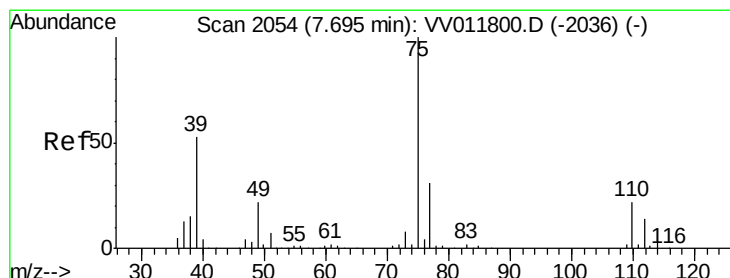
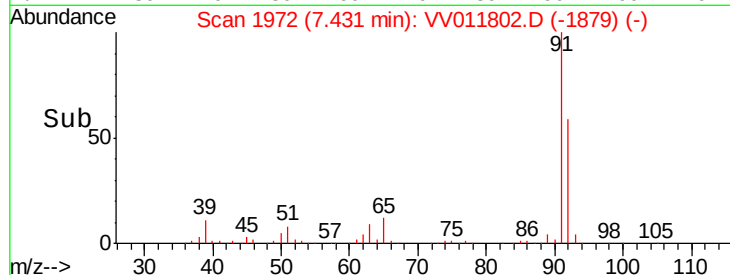
600000

400000

200000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 22.435 ug/L

RT: 7.69 min Scan# 2054

Delta R.T. 0.00 min

Lab File: VV011802.D

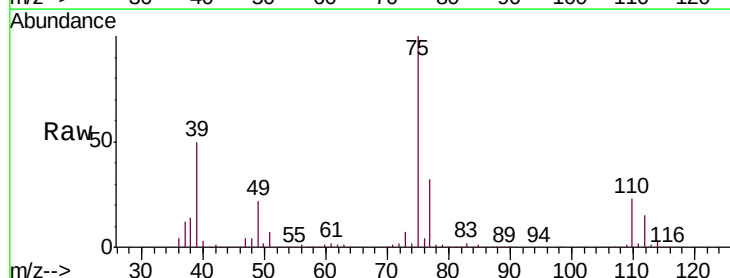
Acq: 02 Jul 2019 11:41

Tgt Ion: 75 Resp: 338529

Ion Ratio Lower Upper

75 100

77 31.7 21.6 40.0



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.69

200000

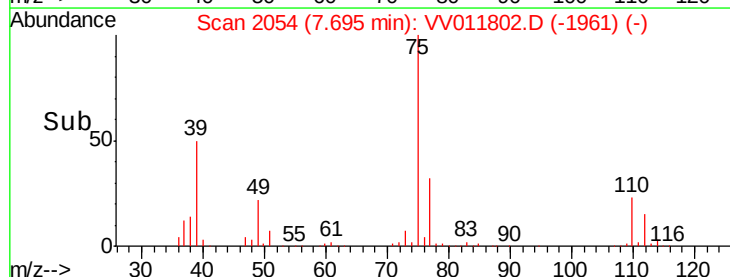
150000

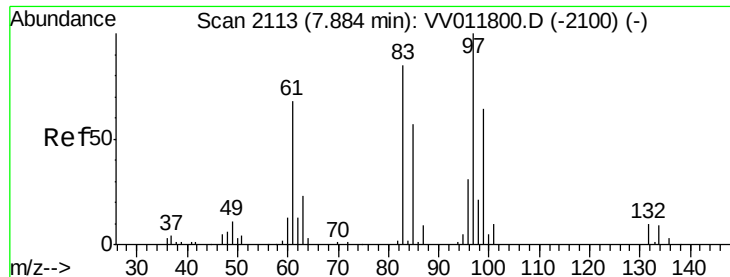
100000

50000

0

Time-->

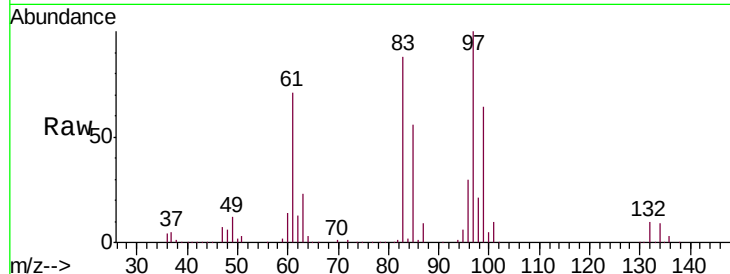




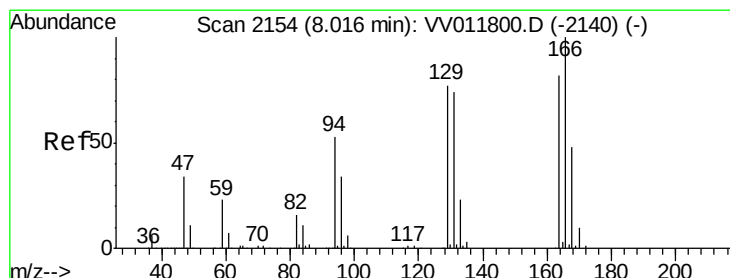
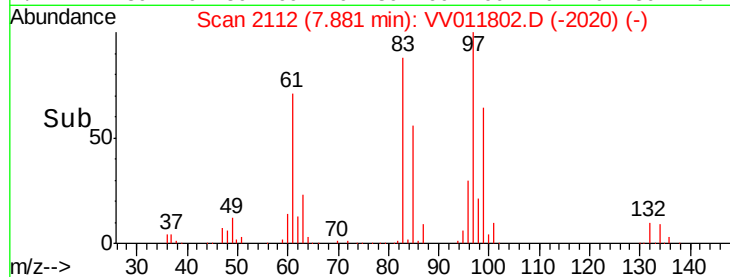
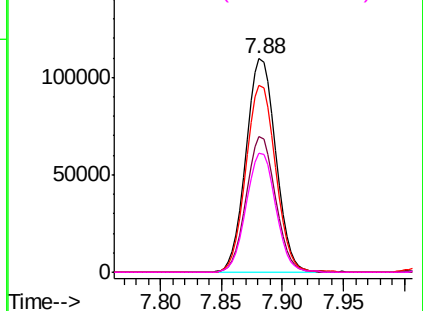
#45
 1,1,2-Trichloroethane
 Concen: 17.970 ug/L
 RT: 7.88 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VV011802.D
 Acq: 02 Jul 2019 11:41

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02032

Tgt Ion: 97 Resp: 184444
 Ion Ratio Lower Upper
 97 100
 99 63.5 44.9 83.5
 83 87.6 59.6 110.8
 85 55.6 40.1 74.5

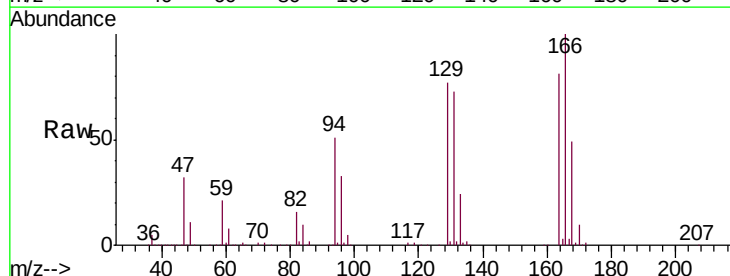


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 82.95 (82.65 to 83.65): VV0
 Ion 85.00 (84.70 to 85.70): VV0



#47
 Tetrachloroethene
 Concen: 21.056 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV011802.D
 Acq: 02 Jul 2019 11:41

Tgt Ion: 164 Resp: 230840
 Ion Ratio Lower Upper
 164 100
 129 95.8 65.7 121.9
 131 90.9 63.2 117.4
 166 124.2 85.8 159.3



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

