

Data File : VR026342.D
Acq On : 19 Feb 2019 17:30
Operator : SY/MD
Sample : VSTDICV005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VICV95

Quant Time: Feb 20 04:43:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 20 04:41:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	644890	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	523157	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	203486	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	229725	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	2.63	69	193876	4.36	ug/L	0.00
Spiked Amount	7.000	Range	65 - 130	Recovery	=	62.29%#
11) 1,1-Dichloroethene-d2	3.63	63	570515	4.44	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	6.58	46	197426	50.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.88%
24) Chloroform-d	7.20	84	426633	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	7.89	65	160215	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	7.85	84	851364	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	8.89	67	213977	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	9.97	98	798497	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
43) trans-1,3-Dichloropropene-	10.23	79	56882	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	10.59	63	162672	56.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.70%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	78601	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	156003	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.82	85	236788	4.954	ug/L	95
3) Chloromethane	2.01	50	308461	4.893	ug/L	96
5) Vinyl chloride	2.17	62	285433	4.704	ug/L	96
6) Bromomethane	2.52	94	173020	4.246	ug/L	97
8) Chloroethane	2.66	64	174316	4.582	ug/L	99
9) Trichlorofluoromethane	2.93	101	155788	1.600	ug/L #	48
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	239373	4.645	ug/L	98
12) 1,1-Dichloroethene	3.64	96	256073	4.615	ug/L	89
13) Acetone	3.69	43	189186	46.393	ug/L	98
14) Carbon disulfide	3.94	76	754018	4.374	ug/L #	95
15) Methyl Acetate	4.18	43	51259	4.544	ug/L	99
16) Methylene chloride	4.40	84	222501	4.278	ug/L	88
17) Methyl tert-butyl Ether	4.88	73	268610	4.893	ug/L	100
18) trans-1,2-Dichloroethene	4.88	96	248912	4.816	ug/L	93
19) 1,1-Dichloroethane	5.69	63	439253	4.869	ug/L	97
21) 2-Butanone	6.68	43	247862	51.324	ug/L	100
22) cis-1,2-Dichloroethene	6.67	96	229573	5.233	ug/L	98

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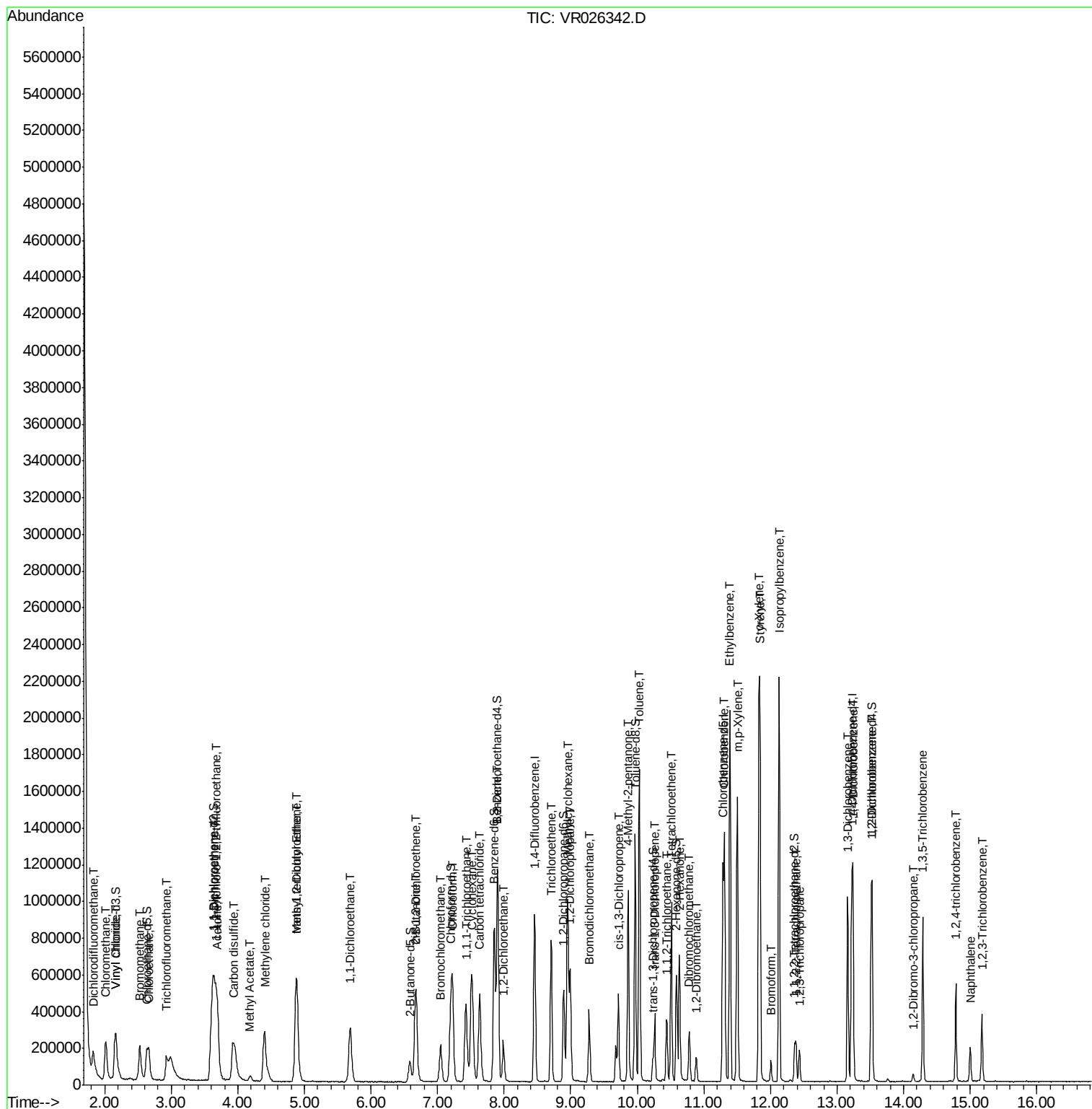
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	65889	4.871	ug/L	87
25) Chloroform	7.23	83	425520	4.792	ug/L	99
27) 1,2-Dichloroethane	7.99	62	187869	4.708	ug/L #	96
29) 1,1,1-Trichloroethane	7.43	97	382785	4.963	ug/L	99
30) Cyclohexane	7.51	56	346746	5.789	ug/L	99
31) Carbon tetrachloride	7.63	117	354603	5.023	ug/L	98
33) Benzene	7.90	78	983112	5.224	ug/L	100
34) Trichloroethene	8.71	95	242577	5.071	ug/L	97
35) Methylcyclohexane	8.95	83	360236	5.677	ug/L	98
37) 1,2-Dichloropropane	8.99	63	203355	4.945	ug/L	99
38) Bromodichloromethane	9.28	83	234102	5.064	ug/L #	96
39) cis-1,3-Dichloropropene	9.72	75	238276	5.491	ug/L	97
40) 4-Methyl-2-pentanone	9.86	43	620290	57.794	ug/L	99
42) Toluene	10.03	91	1035494	5.403	ug/L	100
44) trans-1,3-Dichloropropene	10.26	75	172385	5.370	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	88409	5.039	ug/L	97
47) Tetrachloroethene	10.51	164	185658	5.232	ug/L	96
48) 2-Hexanone	10.63	43	408246	55.357	ug/L	99
49) Dibromochloromethane	10.78	129	116346	5.074	ug/L	98
50) 1,2-Dibromoethane	10.88	107	73904	5.146	ug/L #	92
51) Chlorobenzene	11.31	112	559534	4.993	ug/L	98
52) Ethylbenzene	11.39	91	1192766	5.594	ug/L	98
53) m,p-Xylene	11.50	106	431494	5.547	ug/L	99
54) o-Xylene	11.83	106	388766	5.708	ug/L	94
55) Styrene	11.84	104	599000	5.555	ug/L	99
56) Isopropylbenzene	12.13	105	1128353	5.883	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	83374	5.009	ug/L	93
59) 1,2,3-Trichloropropane	12.43	75	62707	5.263	ug/L	95
61) Bromoform	12.00	173	45299	4.872	ug/L	97
62) 1,3-Dichlorobenzene	13.16	146	324962	5.333	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	352627	4.983	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	271352	5.149	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.14	75	9709	4.823	ug/L	93
67) 1,3,5-Trichlorobenzene	14.29	180	216169	5.429	ug/L	97
68) 1,2,4-trichlorobenzene	14.78	180	123568	5.714	ug/L	97
69) Naphthalene	15.00	128	125117	6.090	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	95375	5.777	ug/L	98

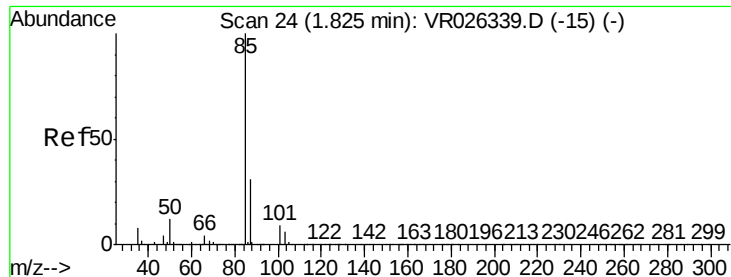
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.954 ug/L

RT: 1.82 min Scan# 24

Delta R.T. -0.00 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

Instrument :

MSVOA_R

ClientSampleId :

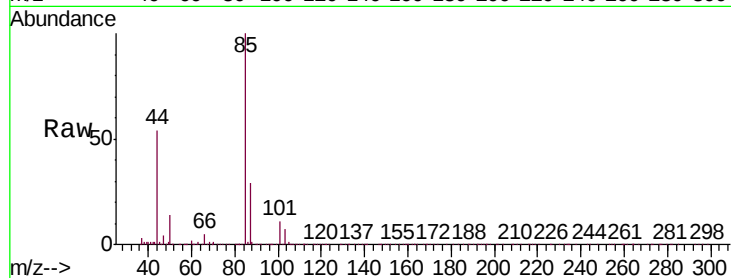
VICV95

Tgt Ion: 85 Resp: 236788

Ion Ratio Lower Upper

85 100

87 30.6 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VR0

Ion 87.00 (86.70 to 87.70): VR0

1.82

80000

60000

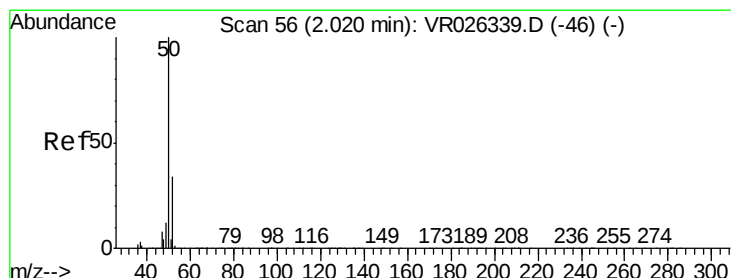
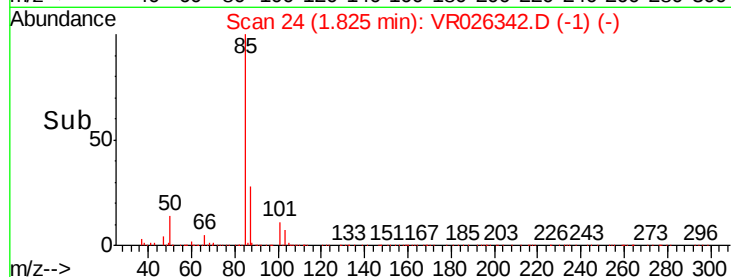
40000

20000

0

Time-->

1.70 1.80 1.90 2.00



#3

Chloromethane

Concen: 4.893 ug/L

RT: 2.01 min Scan# 55

Delta R.T. -0.01 min

Lab File: VR026342.D

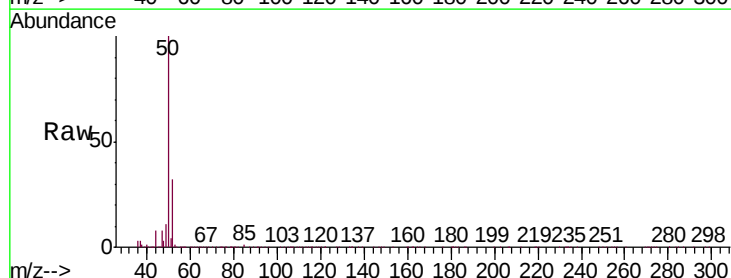
Acq: 19 Feb 2019 17:30

Tgt Ion: 50 Resp: 308461

Ion Ratio Lower Upper

50 100

52 31.6 23.5 43.7



Abundance Ion 50.05 (49.75 to 50.75): VR0

Ion 52.05 (51.75 to 52.75): VR0

150000

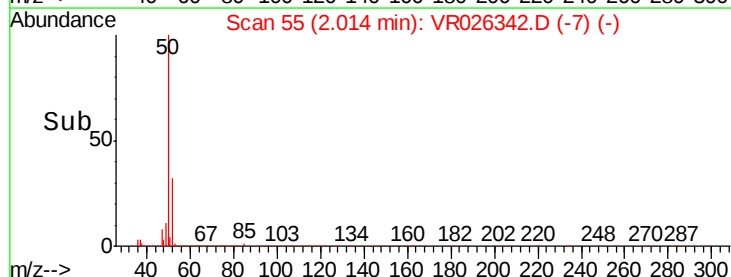
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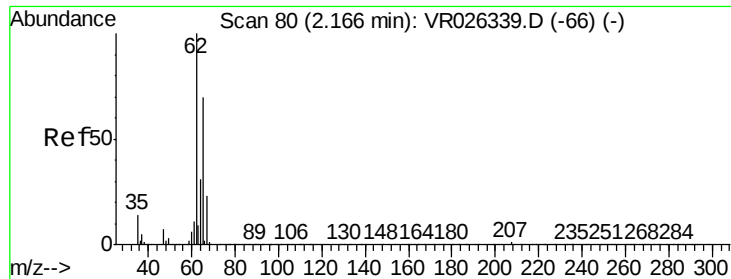
50000

0

Time-->

1.90 2.00 2.10 2.20





#5

Vinyl chloride

Concen: 4.704 ug/L

RT: 2.17 min Scan# 80

Delta R.T. -0.00 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

Instrument :

MSVOA_R

ClientSampleId :

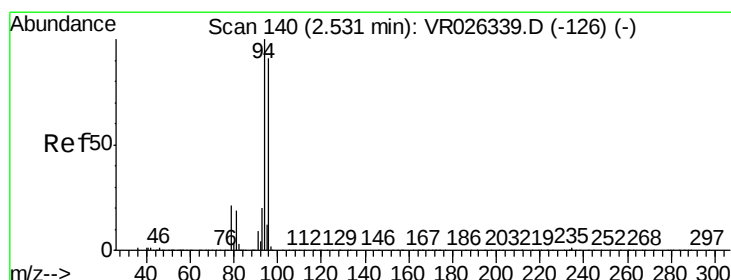
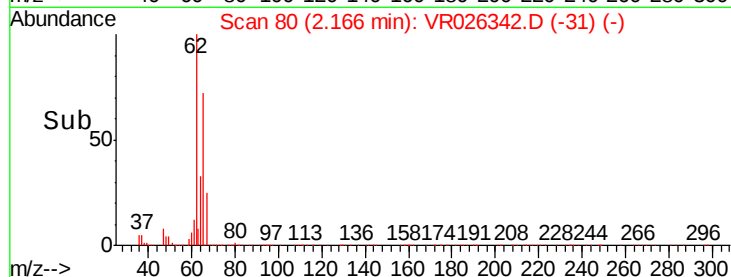
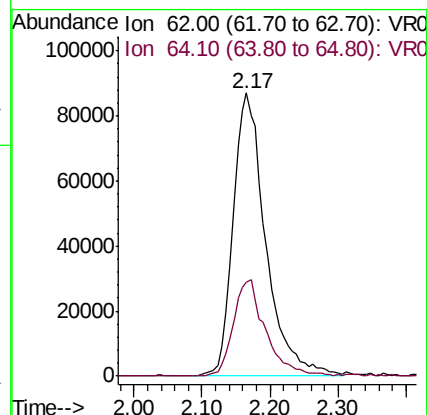
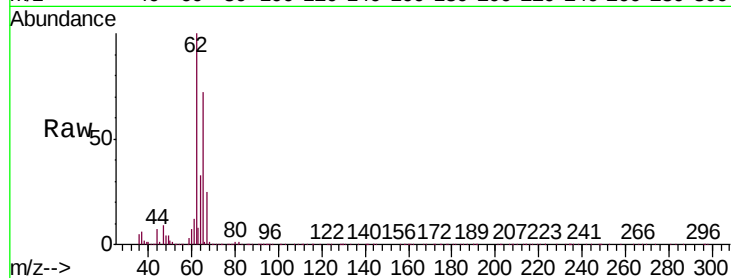
VICV95

Tgt Ion: 62 Resp: 285433

Ion Ratio Lower Upper

62 100

64 33.2 21.6 40.2



#6

Bromomethane

Concen: 4.246 ug/L

RT: 2.52 min Scan# 139

Delta R.T. -0.01 min

Lab File: VR026342.D

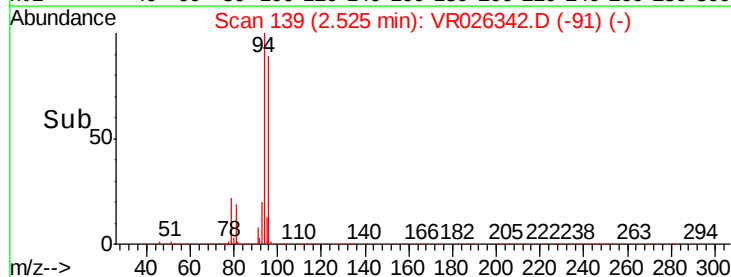
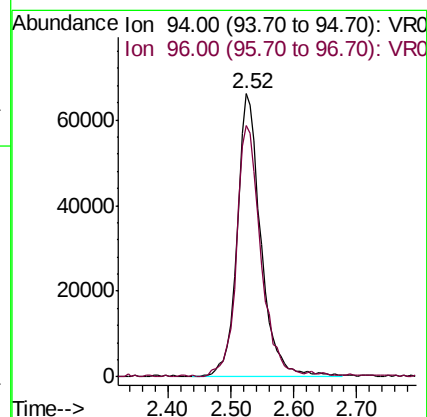
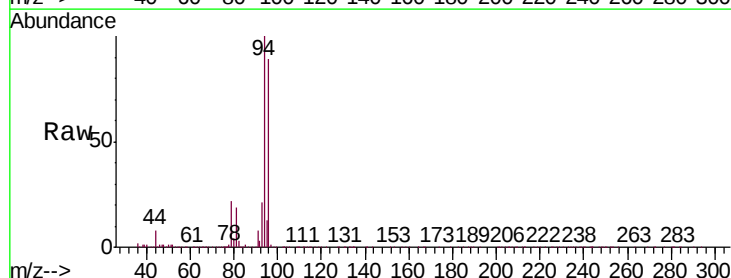
Acq: 19 Feb 2019 17:30

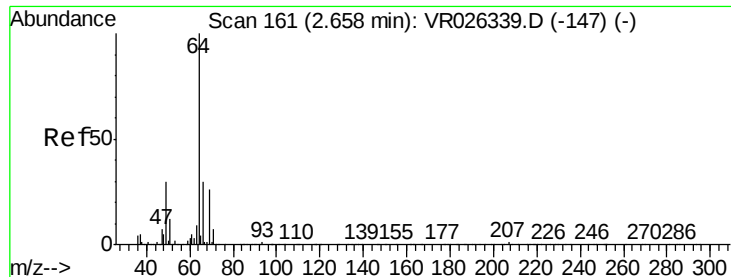
Tgt Ion: 94 Resp: 173020

Ion Ratio Lower Upper

94 100

96 88.7 63.8 118.4





#8

Chloroethane

Concen: 4.582 ug/L

RT: 2.66 min Scan# 161

Delta R.T. -0.00 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

Instrument :

MSVOA_R

ClientSampleId :

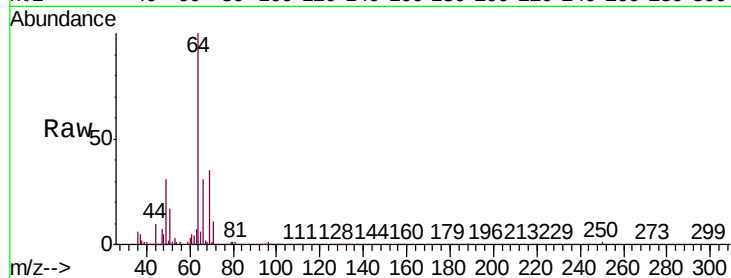
VICV95

Tgt Ion: 64 Resp: 174316

Ion Ratio Lower Upper

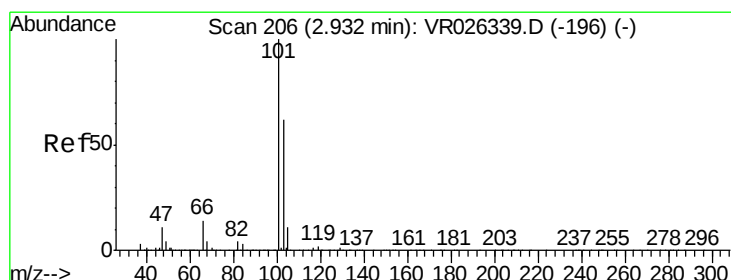
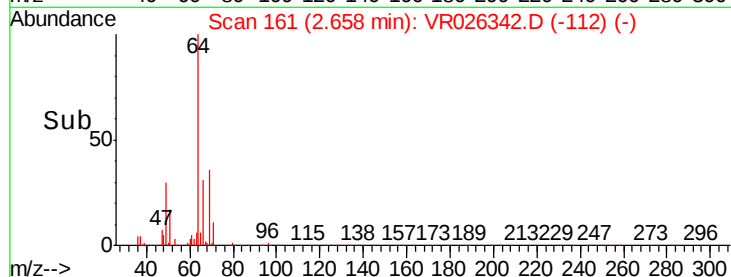
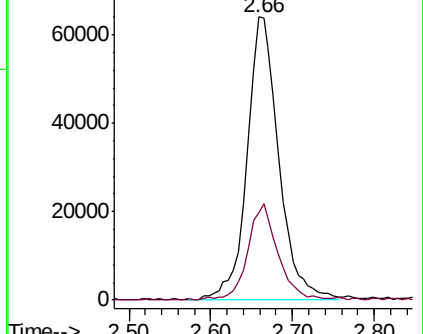
64 100

66 30.7 21.2 39.4



Abundance Ion 64.10 (63.80 to 64.80): VR0

Ion 66.05 (65.75 to 66.75): VR0



#9

Trichlorofluoromethane

Concen: 1.600 ug/L

RT: 2.93 min Scan# 206

Delta R.T. -0.00 min

Lab File: VR026342.D

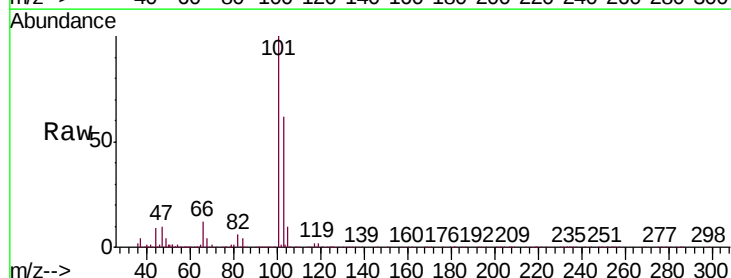
Acq: 19 Feb 2019 17:30

Tgt Ion: 101 Resp: 155788

Ion Ratio Lower Upper

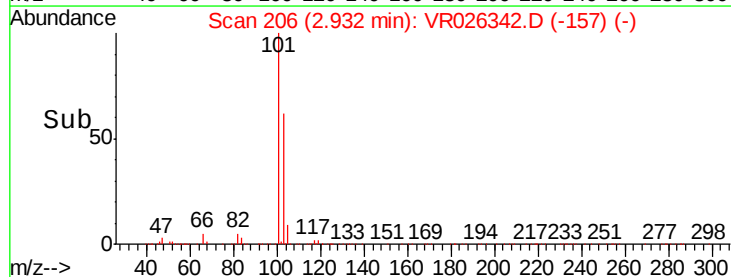
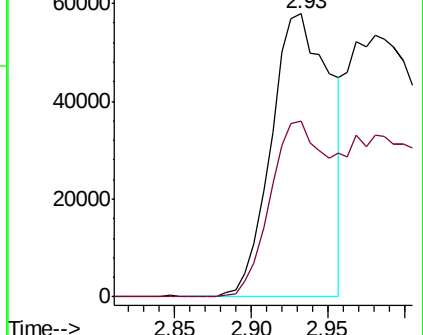
101 100

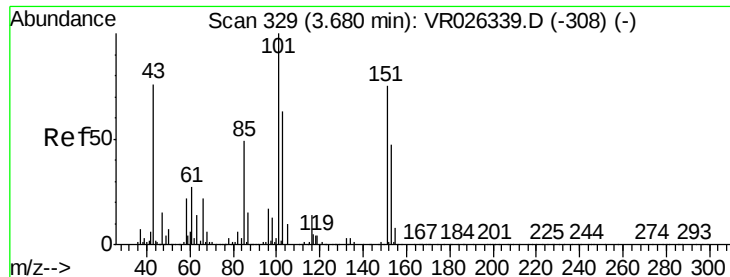
103 56.3 22.9 34.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 4.645 ug/L

RT: 3.67 min Scan# 328

Delta R.T. -0.01 min

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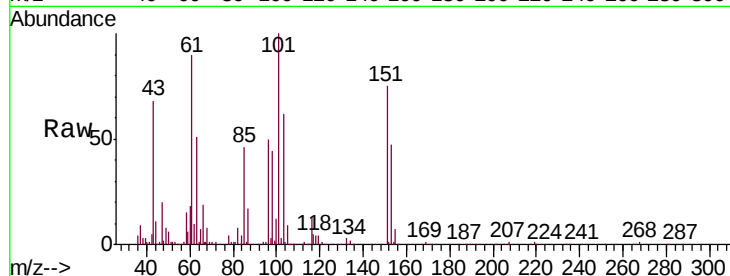
Tgt Ion: 101 Resp: 239373

Ion Ratio Lower Upper

101 100

85 48.2 37.3 55.9

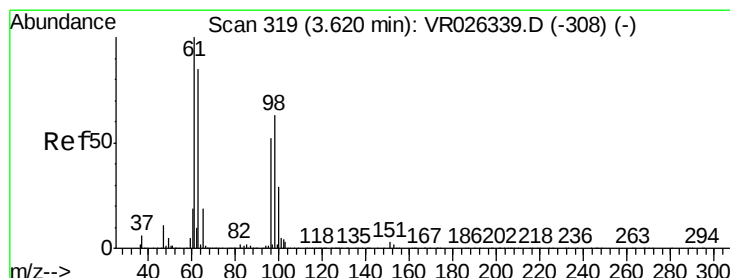
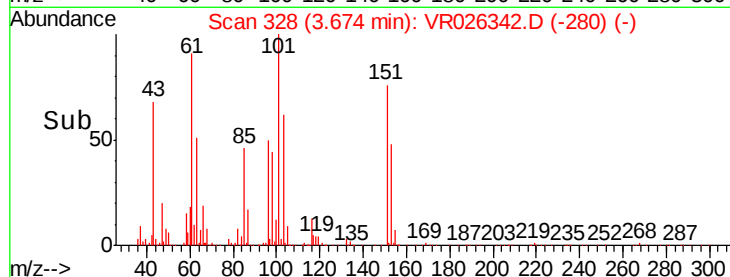
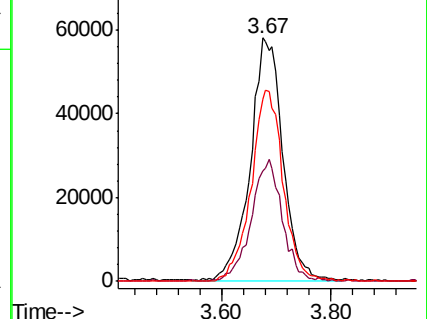
151 77.6 60.4 90.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VR0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.615 ug/L

RT: 3.64 min Scan# 323

Delta R.T. 0.02 min

Lab File: VR026342.D

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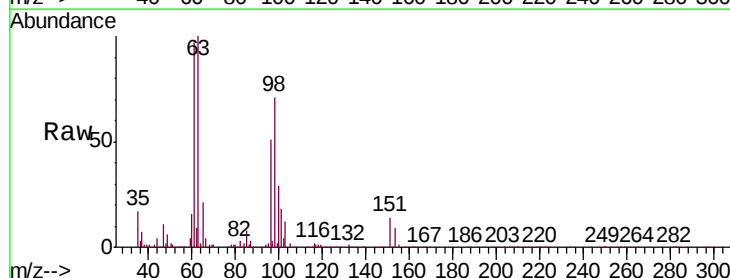
Tgt Ion: 96 Resp: 256073

Ion Ratio Lower Upper

96 100

61 190.6 134.5 249.9

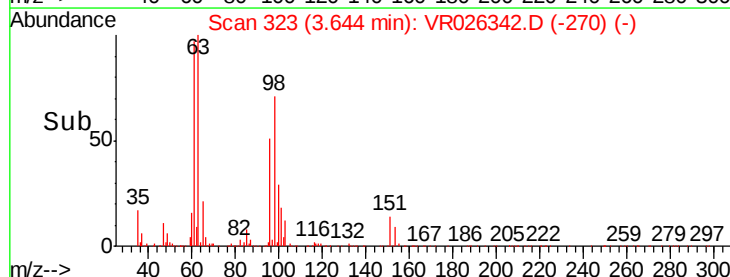
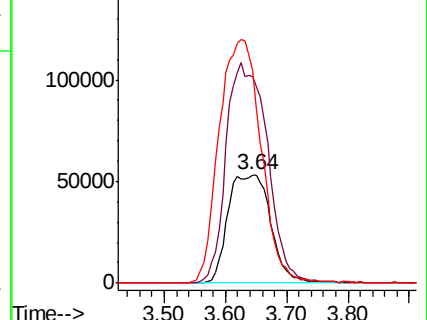
63 196.8 115.5 214.5

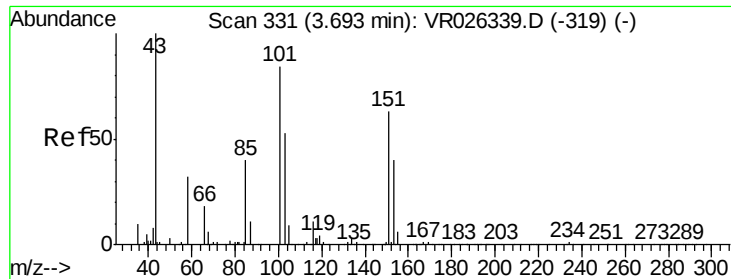


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0

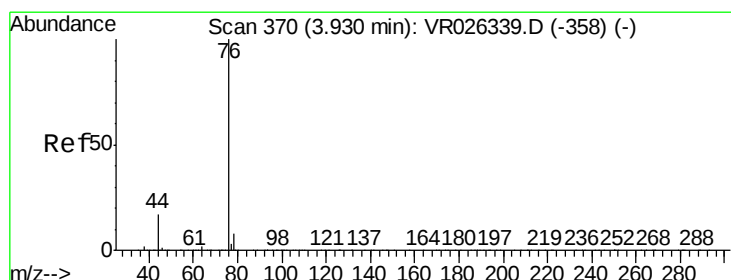
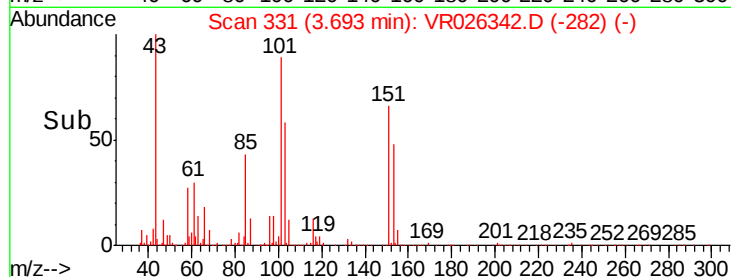
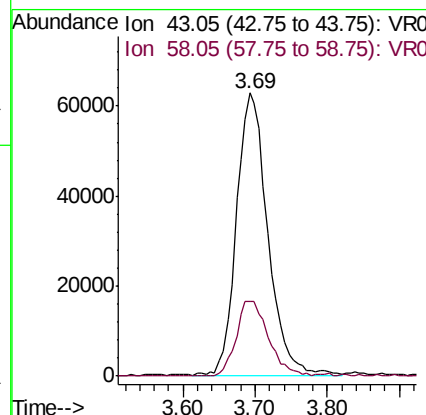
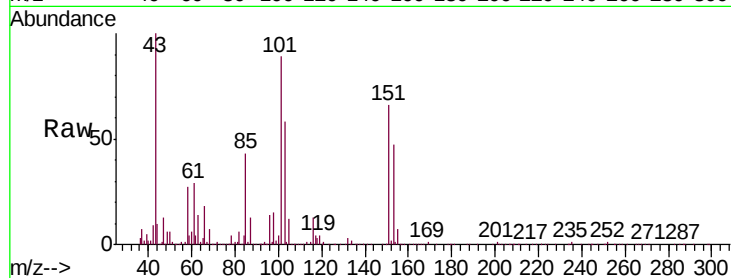




#13
Acetone
Concen: 46.393 ug/L
RT: 3.69 min Scan# 331
Delta R.T. -0.00 min
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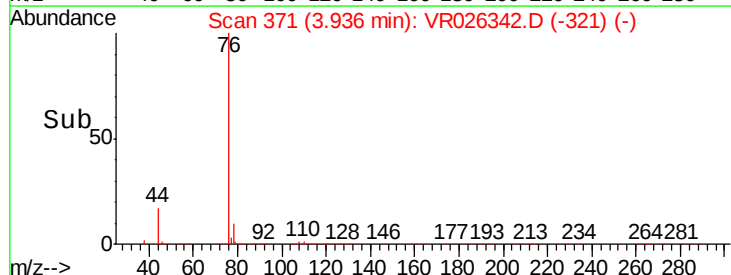
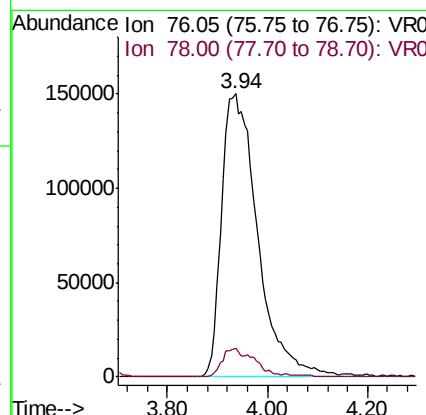
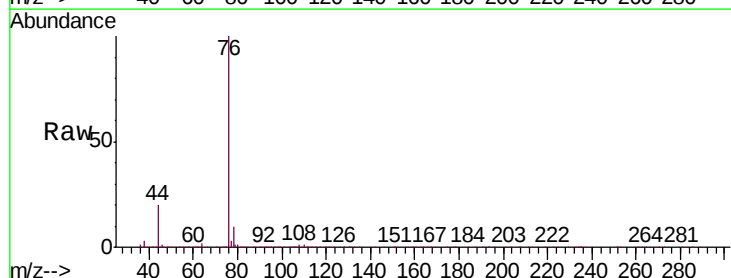
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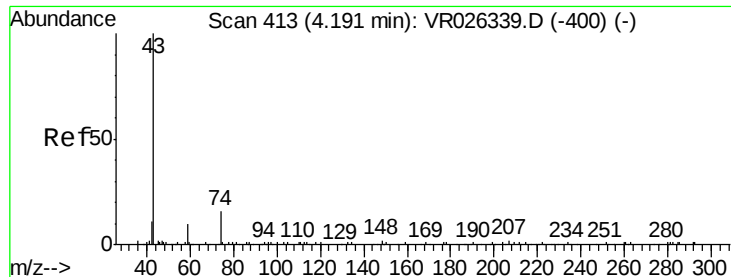
Tgt Ion: 43 Resp: 189186
Ion Ratio Lower Upper
43 100
58 27.7 0.0 58.0



#14
Carbon disulfide
Concen: 4.374 ug/L
RT: 3.94 min Scan# 371
Delta R.T. 0.01 min
Lab File: VR026342.D
Acq: 19 Feb 2019 17:30

Tgt Ion: 76 Resp: 754018
Ion Ratio Lower Upper
76 100
78 10.3 6.7 10.1#





#15

Methyl Acetate

Concen: 4.544 ug/L

RT: 4.18 min Scan# 411

Delta R.T. -0.01 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

Instrument :

MSVOA_R

ClientSampleId :

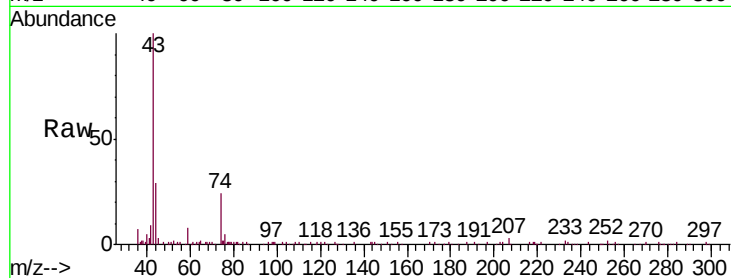
VICV95

Tgt Ion: 43 Resp: 51259

Ion Ratio Lower Upper

43 100

74 22.8 18.6 28.0



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0

20000

15000

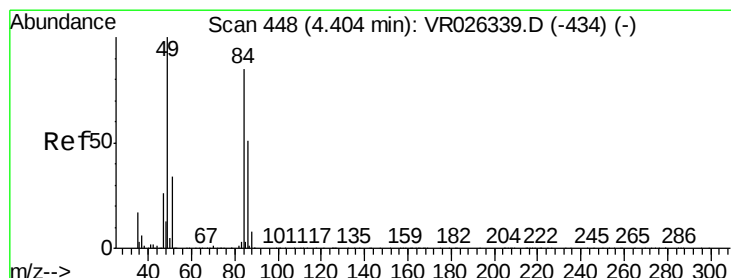
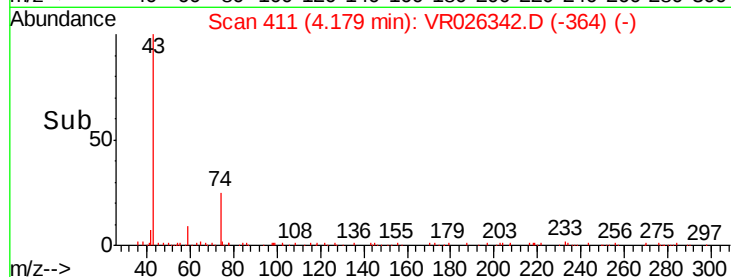
10000

5000

0

4.10 4.15 4.20 4.25

Time-->



#16

Methylene chloride

Concen: 4.278 ug/L

RT: 4.40 min Scan# 447

Delta R.T. -0.01 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

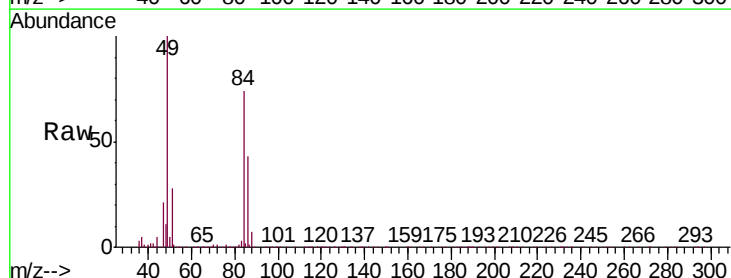
Tgt Ion: 84 Resp: 222501

Ion Ratio Lower Upper

84 100

86 57.7 41.9 77.7

49 135.7 82.2 152.6



Abundance Ion 84.05 (83.75 to 84.75): VR0

Ion 86.00 (85.70 to 86.70): VR0

Ion 49.10 (48.80 to 49.80): VR0

120000

100000

80000

60000

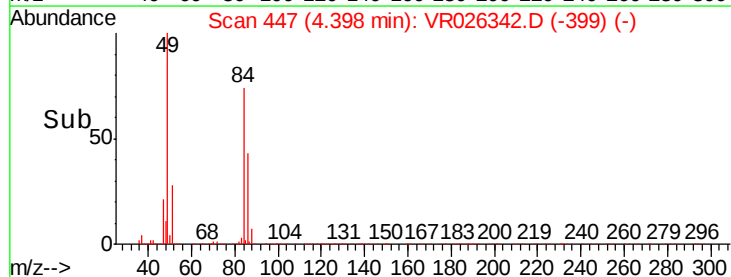
40000

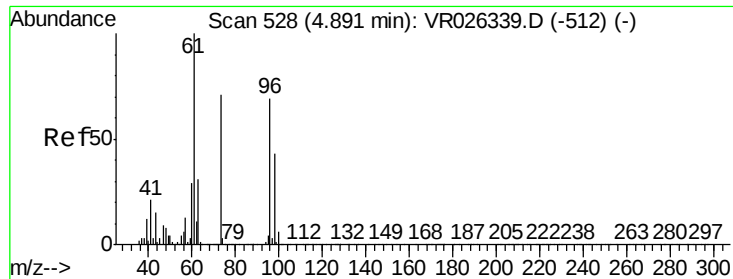
20000

0

4.30 4.40 4.50 4.60

Time-->

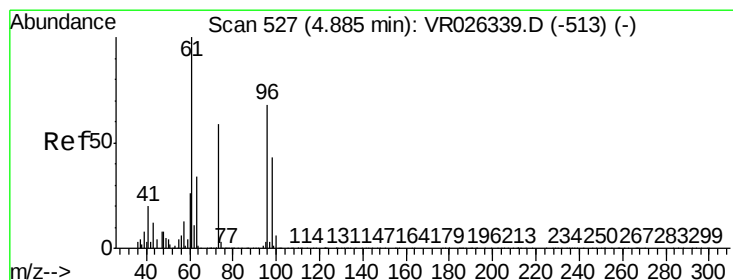
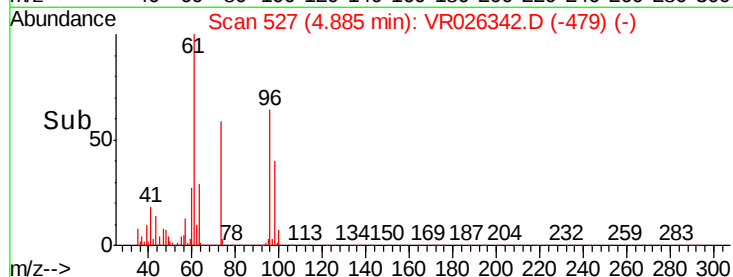
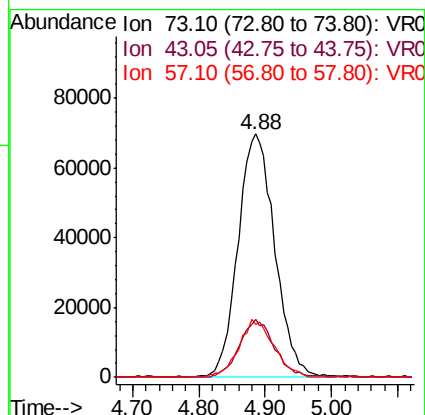
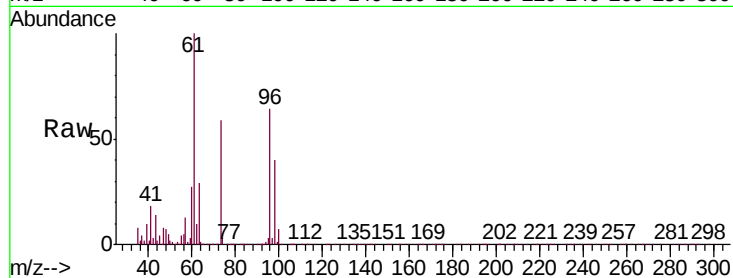




#17
Methyl tert-butyl Ether
Concen: 4.893 ug/L
RT: 4.88 min Scan# 527
Delta R.T. -0.01 min
Lab File: VR026342.D
Acq: 19 Feb 2019 17:30

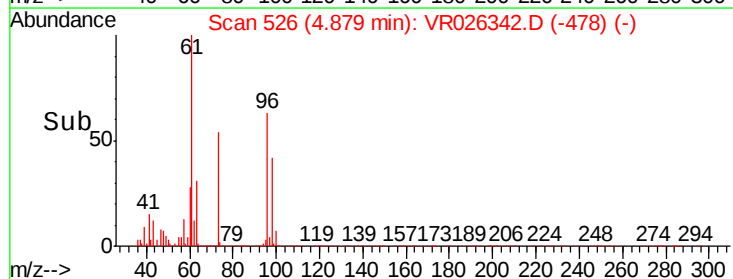
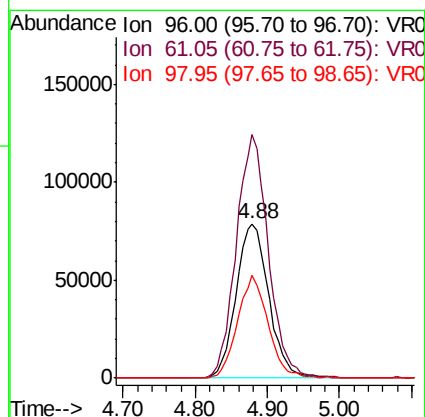
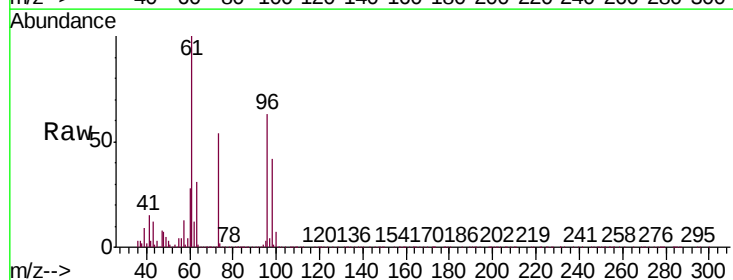
Instrument :
MSVOA_R
ClientSampleId :
VICV95

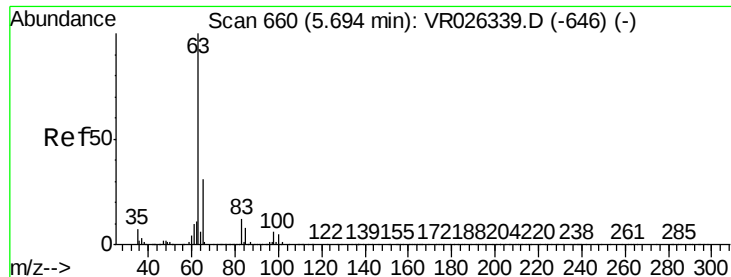
Tgt Ion: 73 Resp: 268610
Ion Ratio Lower Upper
73 100
43 22.9 18.2 27.2
57 22.6 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.816 ug/L
RT: 4.88 min Scan# 526
Delta R.T. -0.01 min
Lab File: VR026342.D
Acq: 19 Feb 2019 17:30

Tgt Ion: 96 Resp: 248912
Ion Ratio Lower Upper
96 100
61 158.1 103.4 192.0
98 66.4 44.0 81.6

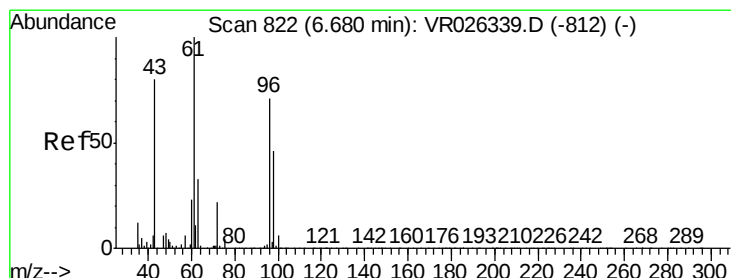
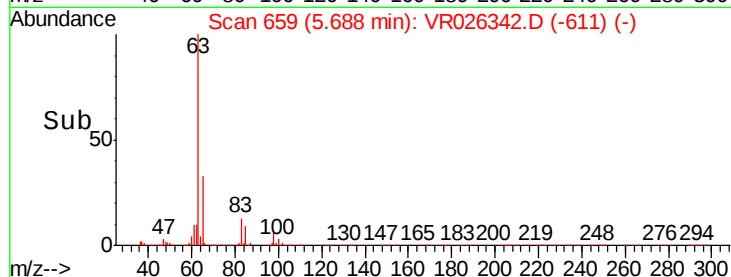
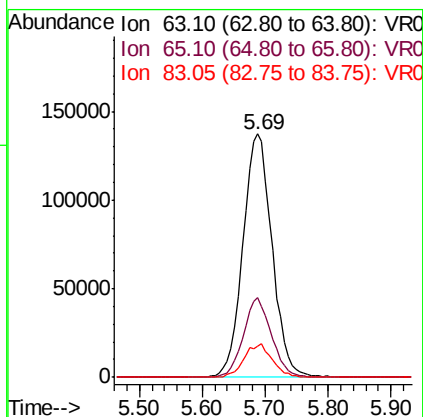
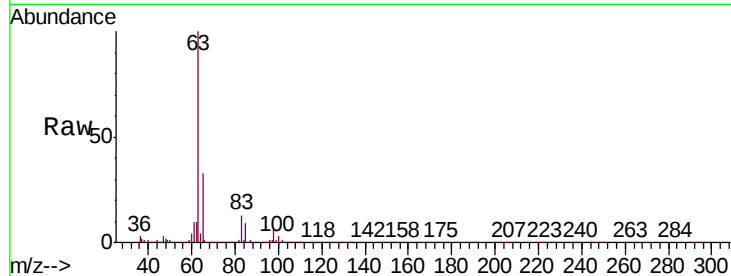




#19
 1,1-Dichloroethane
 Concen: 4.869 ug/L
 RT: 5.69 min Scan# 659
 Delta R.T. -0.01 min
 Lab File: VR026342.D
 Acq: 19 Feb 2019 17:30

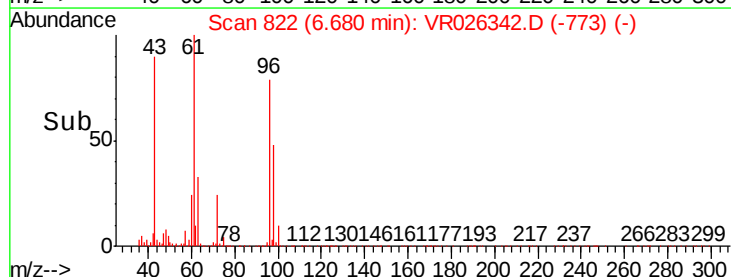
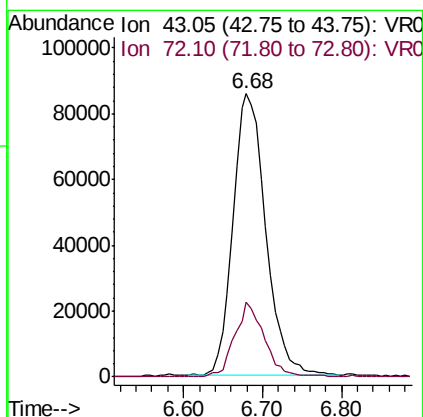
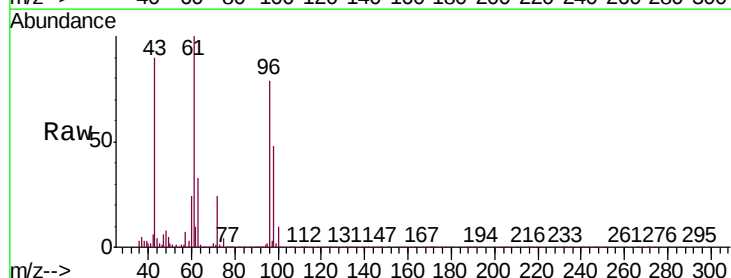
Instrument :
 MSVOA_R
 ClientSampleId :
 VICV95

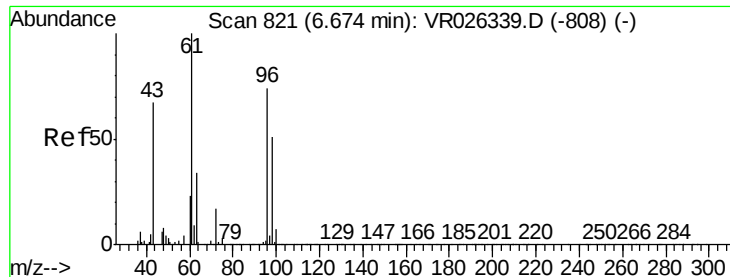
Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.8	21.6	40.0
83	12.9	8.4	15.6



#21
 2-Butanone
 Concen: 51.324 ug/L
 RT: 6.68 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: VR026342.D
 Acq: 19 Feb 2019 17:30

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.3	12.0	36.1



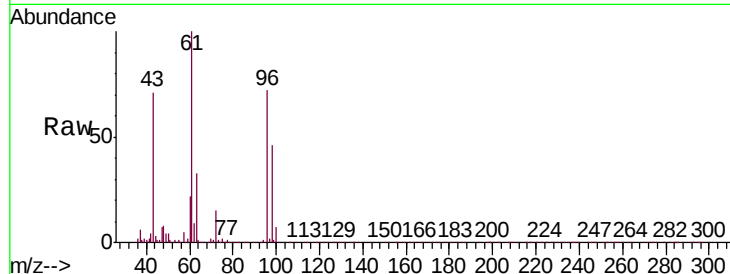


#22

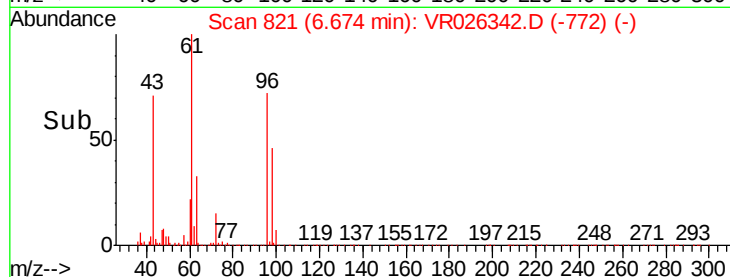
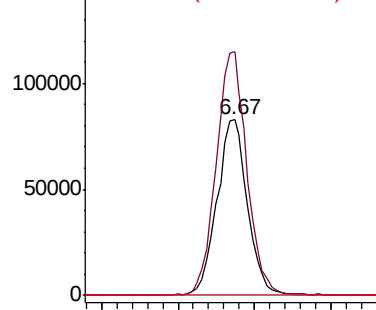
cis-1,2-Dichloroethene
Concen: 5.233 ug/L
RT: 6.67 min Scan# 821
Delta R.T. -0.00 min
Lab File: VR026342.D
Acq: 19 Feb 2019 17:30

Instrument :
MSVOA_R
ClientSampleId :
VICV95

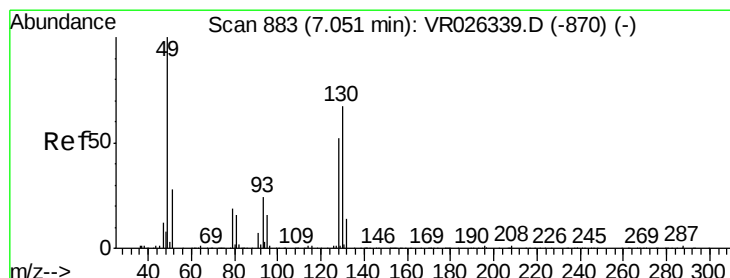
Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.7	95.1	176.7
68	0.2	0.1	0.3



Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 68.15 (67.85 to 68.85): VR0



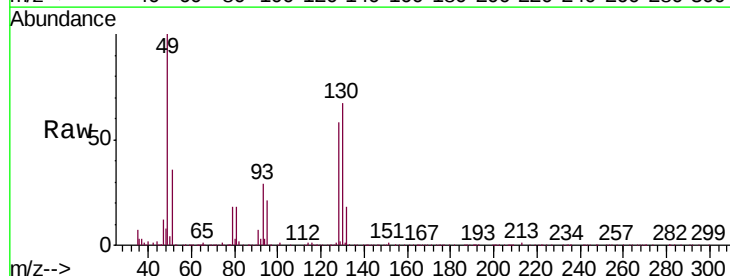
Time-->



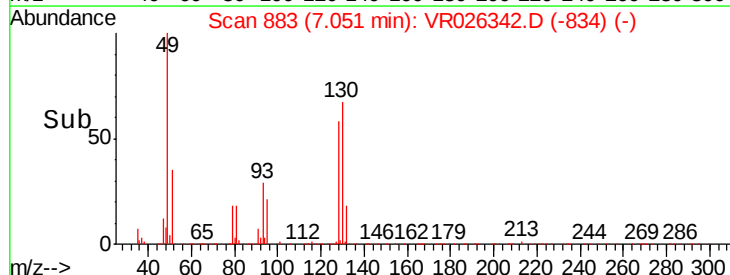
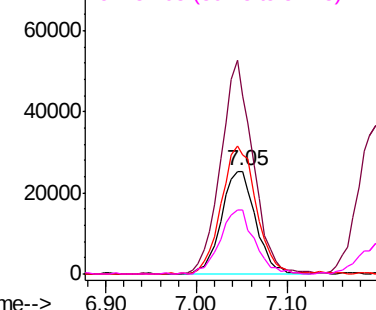
#23

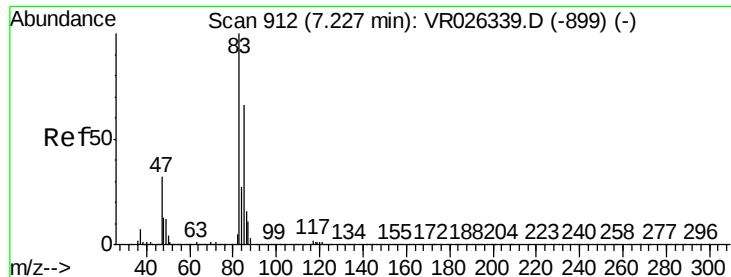
Bromochloromethane
Concen: 4.871 ug/L
RT: 7.05 min Scan# 883
Delta R.T. -0.00 min
Lab File: VR026342.D
Acq: 19 Feb 2019 17:30

Tgt Ion	Ratio	Lower	Upper
128	100		
49	172.9	134.7	250.1
130	115.3	90.1	167.3
51	62.0	42.6	63.8



Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VR0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VR0





#25

Chloroform

Concen: 4.792 ug/L

RT: 7.23 min Scan# 912

Delta R.T. -0.00 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

Instrument :

MSVOA_R

ClientSampleId :

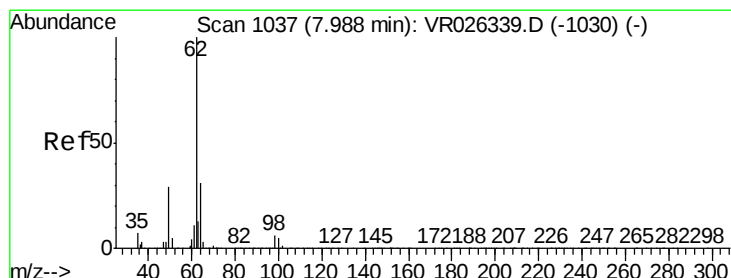
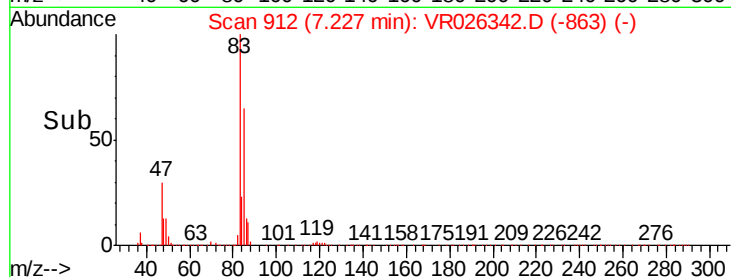
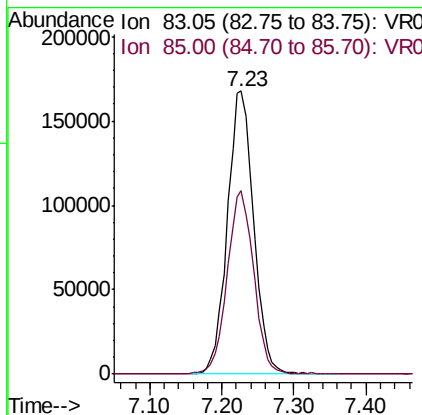
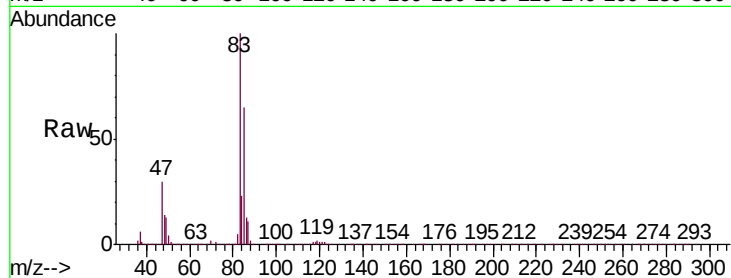
VICV95

Tgt Ion: 83 Resp: 425520

Ion Ratio Lower Upper

83 100

85 64.8 46.1 85.5



#27

1,2-Dichloroethane

Concen: 4.708 ug/L

RT: 7.99 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VR026342.D

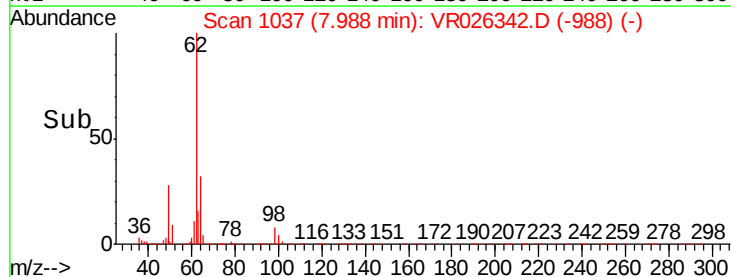
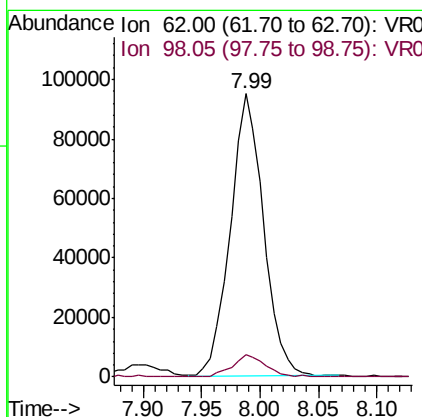
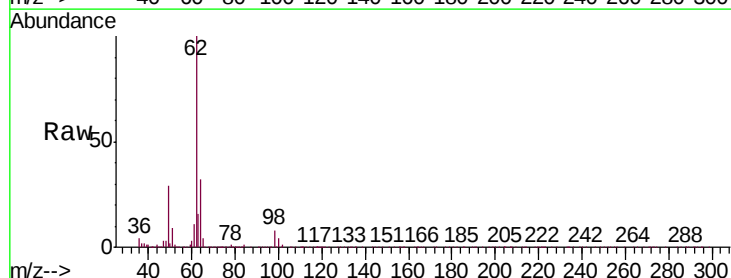
Acq: 19 Feb 2019 17:30

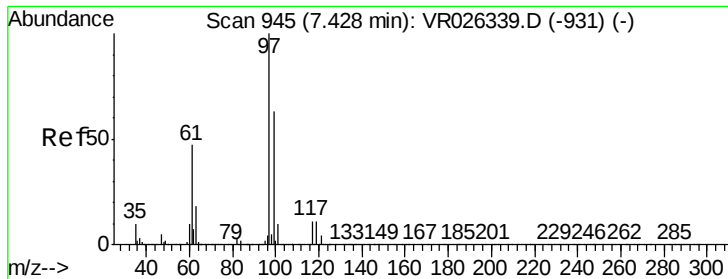
Tgt Ion: 62 Resp: 187869

Ion Ratio Lower Upper

62 100

98 7.9 5.1 7.7#

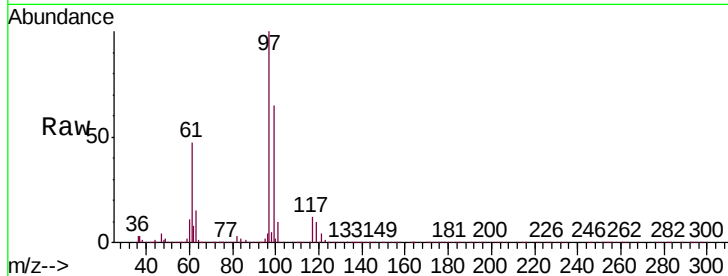




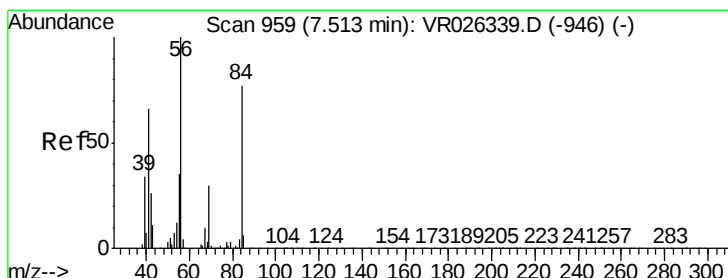
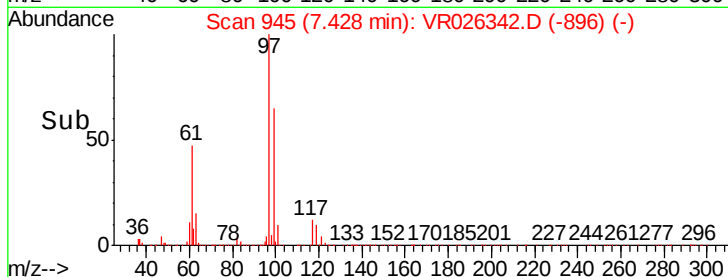
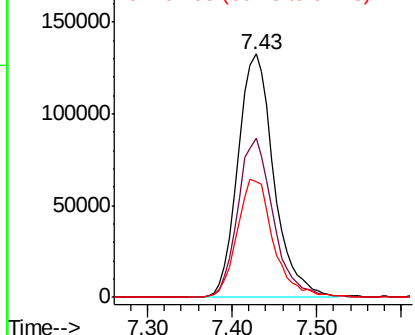
#29
1,1,1-Trichloroethane
Concen: 4.963 ug/L
RT: 7.43 min Scan# 945
Delta R.T. -0.00 min
Lab File: VR026342.D
Acq: 19 Feb 2019 17:30

Instrument :
MSVOA_R
ClientSampleId :
VICV95

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.8	77.8
61	49.2	38.7	58.1

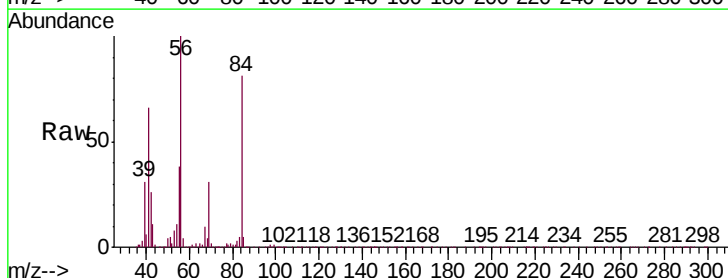


Abundance Ion 96.95 (96.65 to 97.65): VR0
Ion 99.05 (98.75 to 99.75): VR0
Ion 61.05 (60.75 to 61.75): VR0

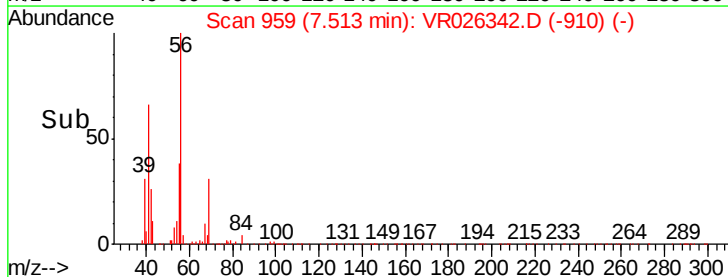
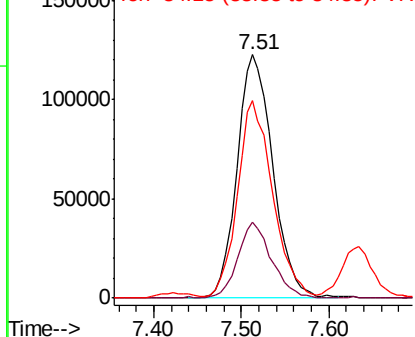


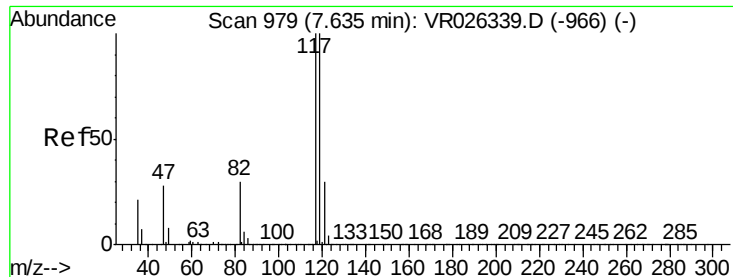
#30
Cyclohexane
Concen: 5.789 ug/L
RT: 7.51 min Scan# 959
Delta R.T. -0.00 min
Lab File: VR026342.D
Acq: 19 Feb 2019 17:30

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.7	35.5
84	80.0	62.8	94.2



Abundance Ion 56.10 (55.80 to 56.80): VR0
Ion 69.15 (68.85 to 69.85): VR0
Ion 84.15 (83.85 to 84.85): VR0





#31

Carbon tetrachloride

Concen: 5.023 ug/L

RT: 7.63 min Scan# 979

Delta R.T. -0.00 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

Instrument :

MSVOA_R

ClientSampled :

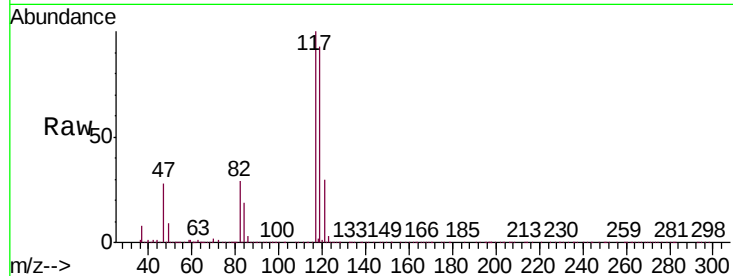
VICV95

Tgt Ion:117 Resp: 354603

Ion Ratio Lower Upper

117 100

119 95.0 77.3 115.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

7.63

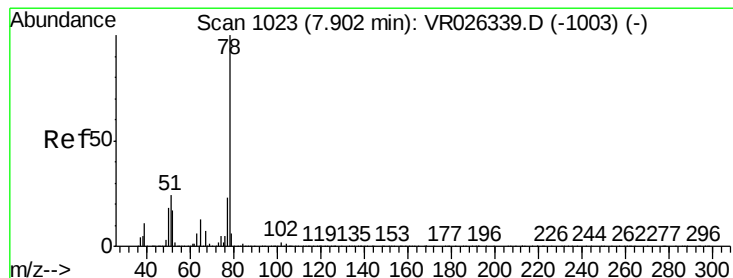
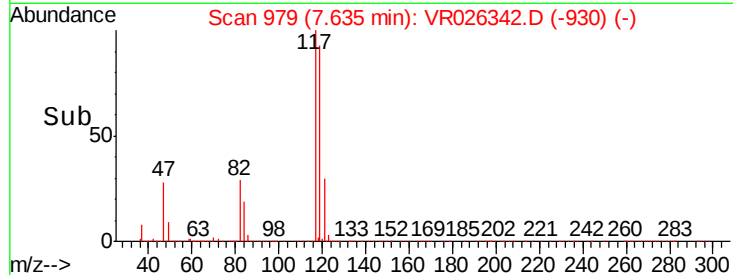
150000

100000

50000

0

Time-->



#33

Benzene

Concen: 5.224 ug/L

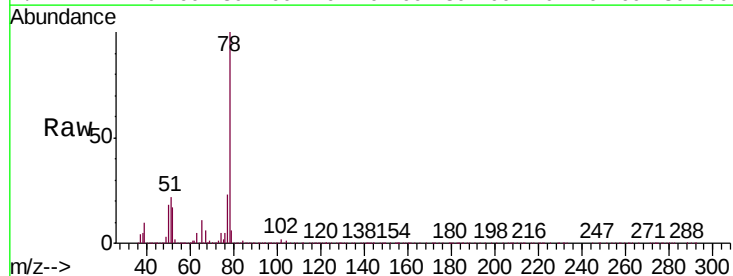
RT: 7.90 min Scan# 1023

Delta R.T. -0.00 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

Tgt Ion: 78 Resp: 983112



Abundance Ion 78.10 (77.80 to 78.80): VR0

7.90

500000

400000

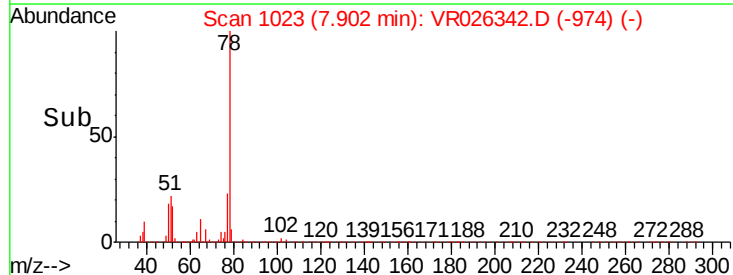
300000

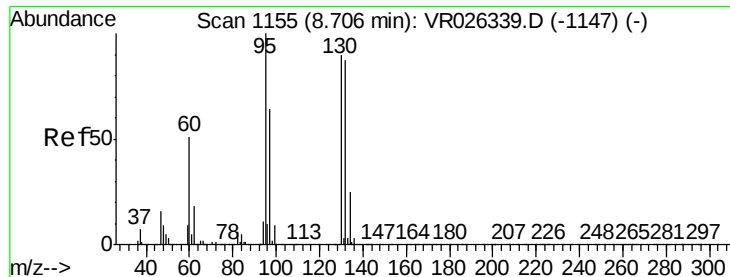
200000

100000

0

Time-->





#34

Trichloroethene

Concen: 5.071 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. -0.00 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

Instrument :

MSVOA_R

ClientSampleId :

VICV95

Tgt Ion: 95 Resp: 242577

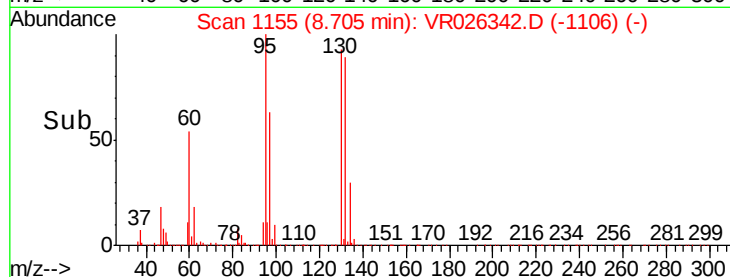
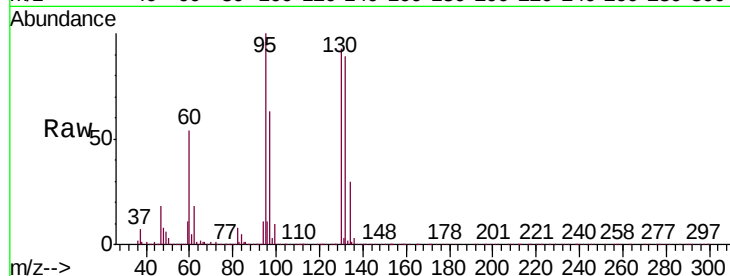
Ion Ratio Lower Upper

95 100

97 63.4 45.1 83.9

132 89.0 60.7 112.7

130 93.0 62.8 116.6

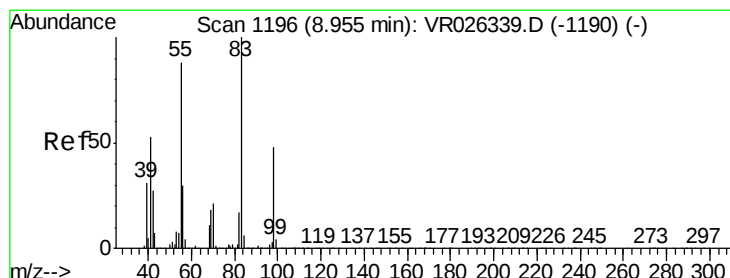
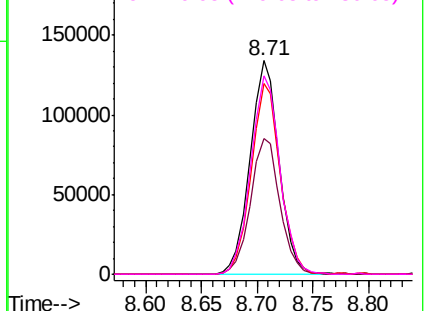


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 5.677 ug/L

RT: 8.95 min Scan# 1196

Delta R.T. -0.00 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

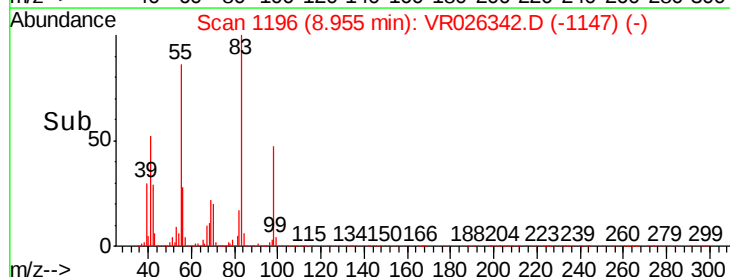
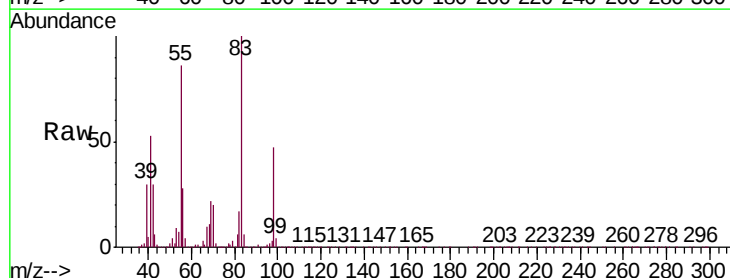
Tgt Ion: 83 Resp: 360236

Ion Ratio Lower Upper

83 100

55 86.7 67.3 100.9

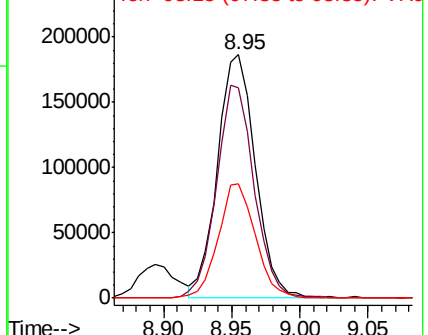
98 46.2 37.0 55.4

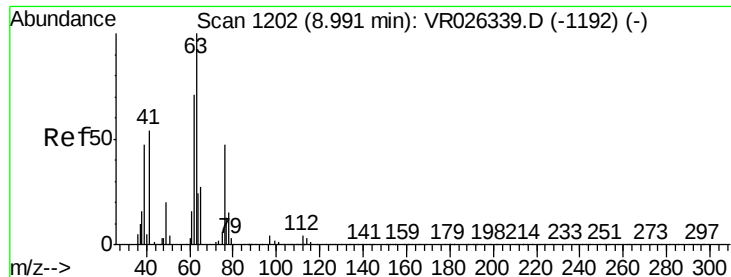


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

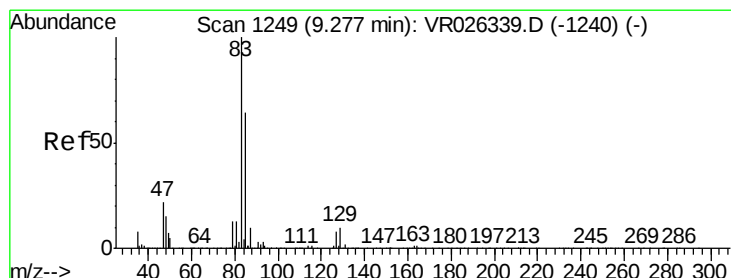
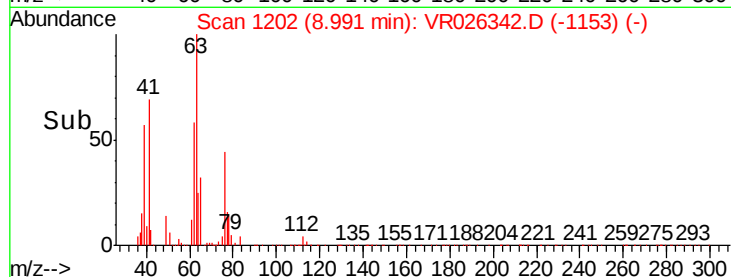
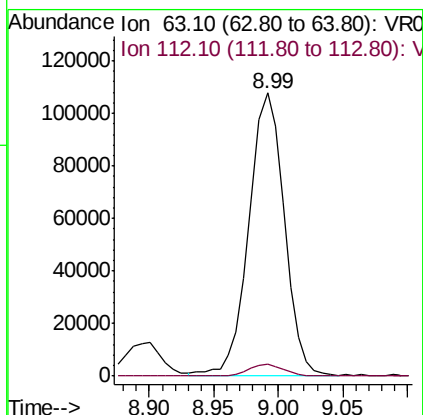
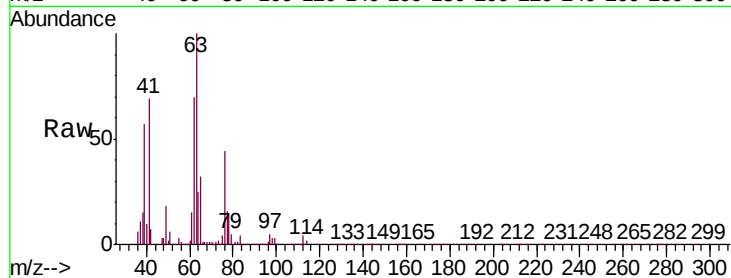




#37
 1,2-Dichloropropane
 Concen: 4.945 ug/L
 RT: 8.99 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VR026342.D
 Acq: 19 Feb 2019 17:30

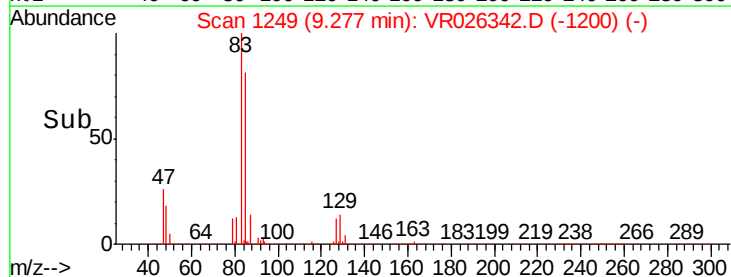
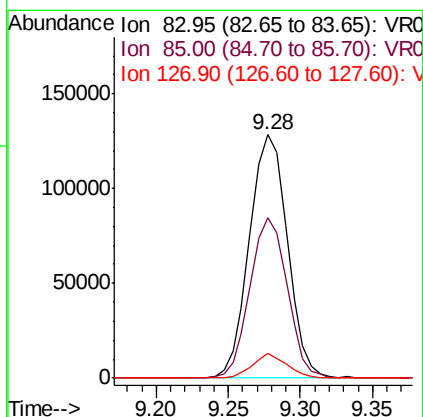
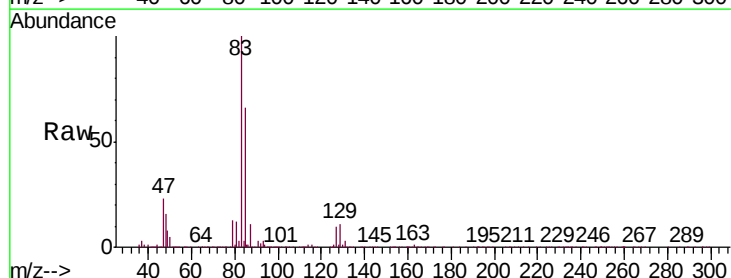
Instrument :
 MSVOA_R
 ClientSampleId :
 VICV95

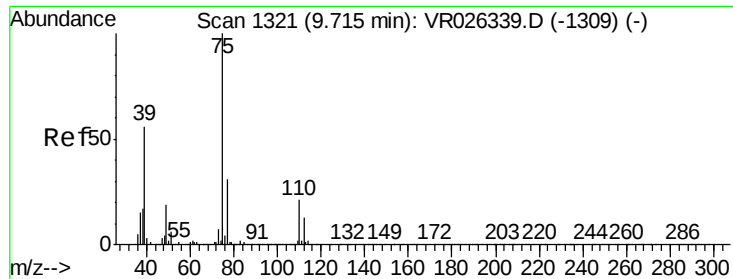
Tgt Ion: 63 Resp: 203355
 Ion Ratio Lower Upper
 63 100
 112 4.5 3.4 5.0



#38
 Bromodichloromethane
 Concen: 5.064 ug/L
 RT: 9.28 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: VR026342.D
 Acq: 19 Feb 2019 17:30

Tgt Ion: 83 Resp: 234102
 Ion Ratio Lower Upper
 83 100
 85 66.8 44.6 82.8
 127 9.9 6.4 9.6#

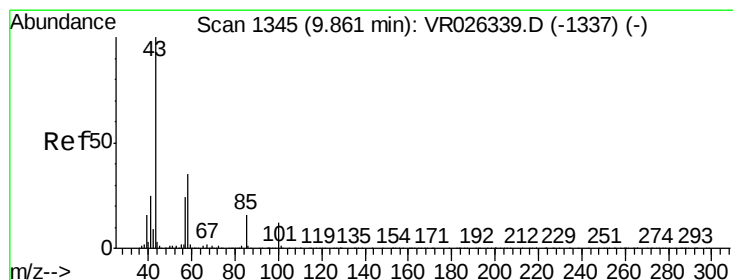
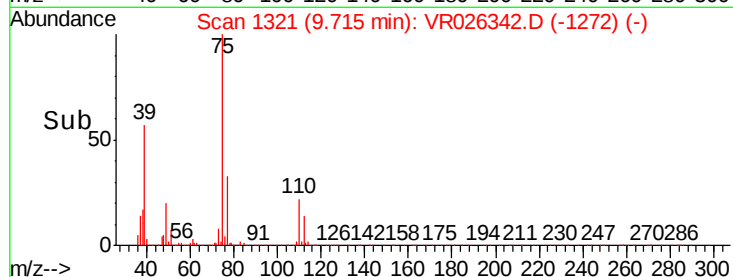
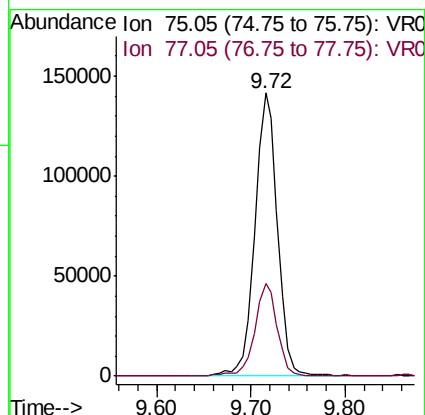
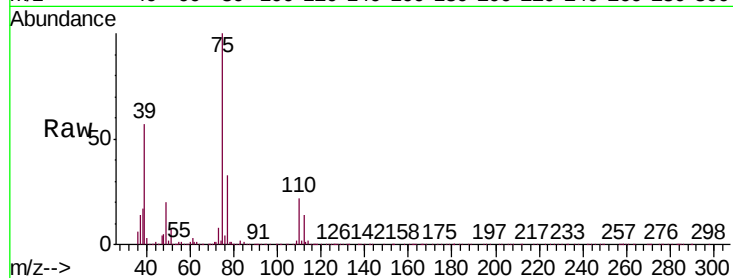




#39
 cis-1,3-Dichloropropene
 Concen: 5.491 ug/L
 RT: 9.72 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VR026342.D
 Acq: 19 Feb 2019 17:30

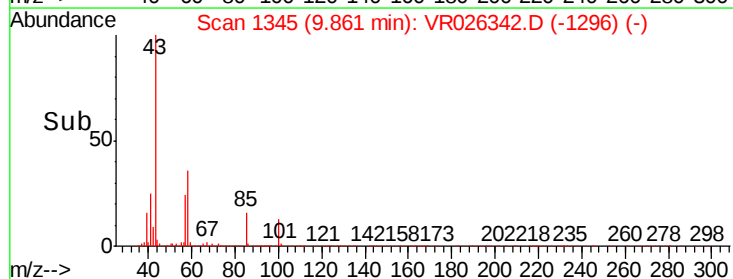
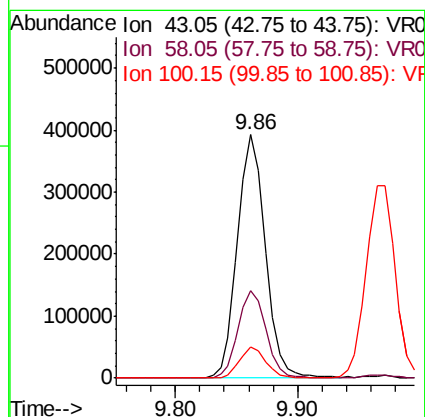
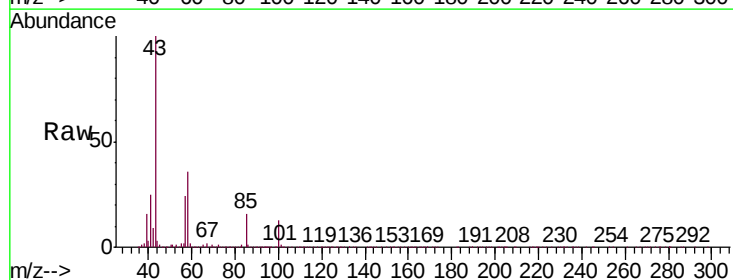
Instrument :
 MSVOA_R
 ClientSampleId :
 VICV95

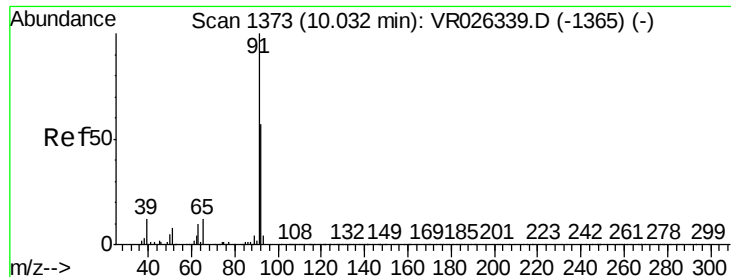
Tgt Ion: 75 Resp: 238276
 Ion Ratio Lower Upper
 75 100
 77 32.6 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 57.794 ug/L
 RT: 9.86 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VR026342.D
 Acq: 19 Feb 2019 17:30

Tgt Ion: 43 Resp: 620290
 Ion Ratio Lower Upper
 43 100
 58 36.0 28.2 42.4
 100 12.2 10.0 15.0





#42

Toluene

Concen: 5.403 ug/L

RT: 10.03 min Scan# 1373

Delta R.T. -0.00 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

Instrument :

MSVOA_R

ClientSampleId :

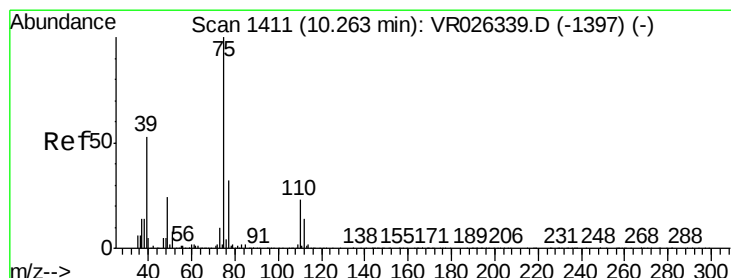
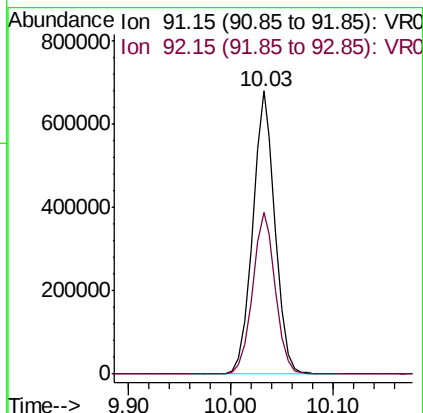
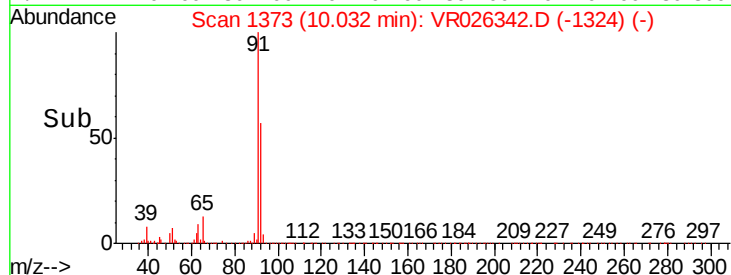
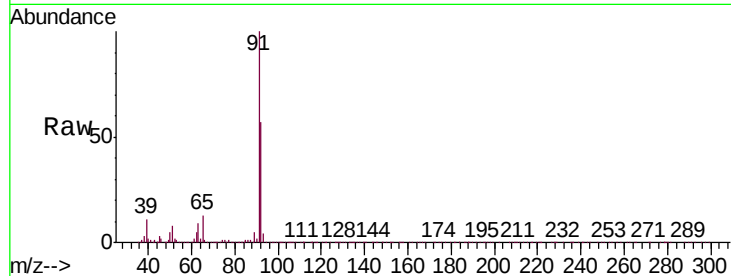
VICV95

Tgt Ion: 91 Resp: 1035494

Ion Ratio Lower Upper

91 100

92 57.0 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 5.370 ug/L

RT: 10.26 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VR026342.D

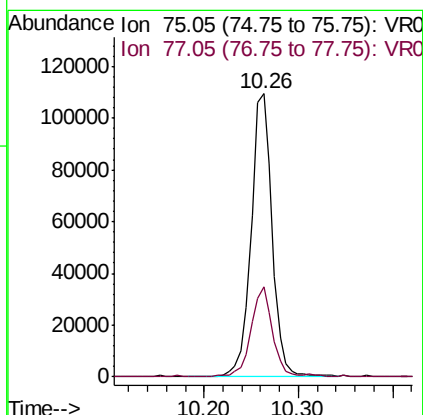
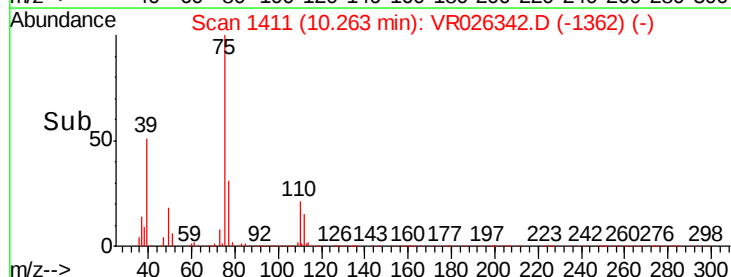
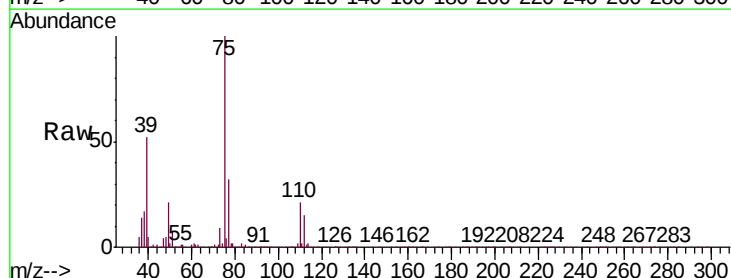
Acq: 19 Feb 2019 17:30

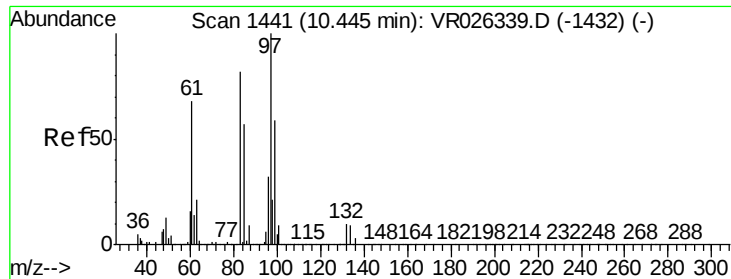
Tgt Ion: 75 Resp: 172385

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 5.039 ug/L

RT: 10.45 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

Instrument :

MSVOA_R

ClientSampleId :

VICV95

Tgt Ion: 97 Resp: 88409

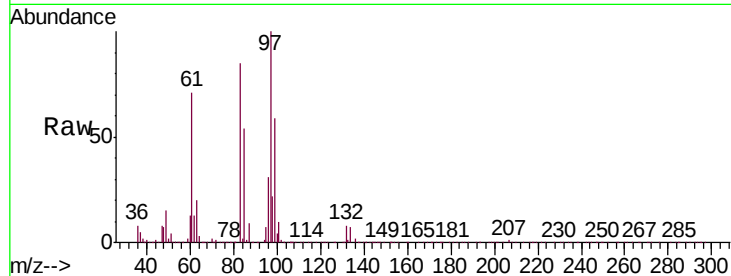
Ion Ratio Lower Upper

97 100

99 59.2 41.2 76.4

83 85.5 57.4 106.6

85 54.3 39.5 73.4

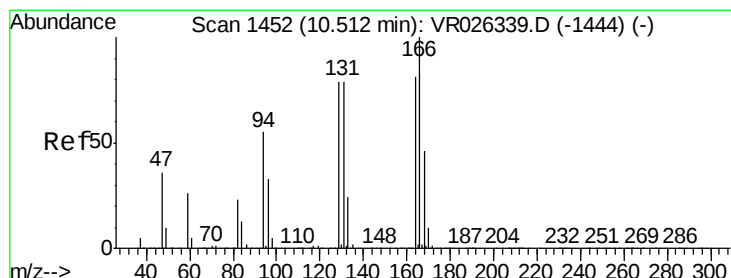
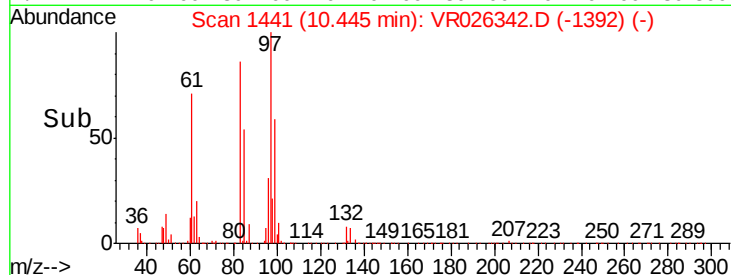
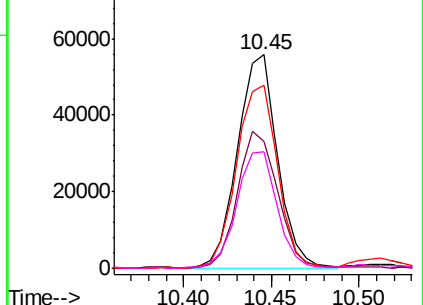


Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 82.95 (82.65 to 83.65): VR0

Ion 85.00 (84.70 to 85.70): VR0



#47

Tetrachloroethene

Concen: 5.232 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

Tgt Ion: 164 Resp: 185658

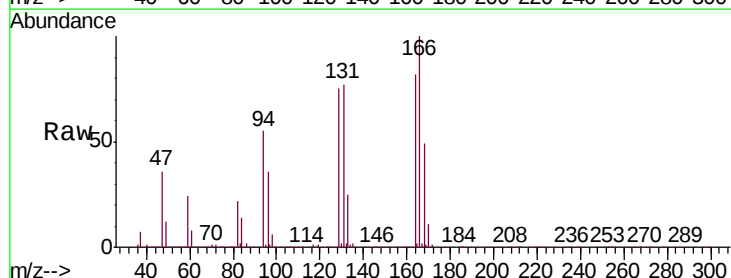
Ion Ratio Lower Upper

164 100

129 92.0 68.5 127.3

131 93.8 68.3 126.8

166 122.2 86.8 161.2

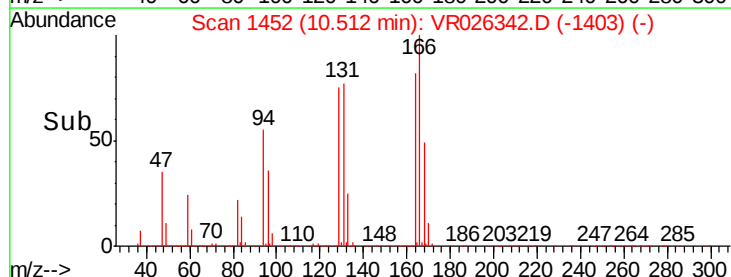
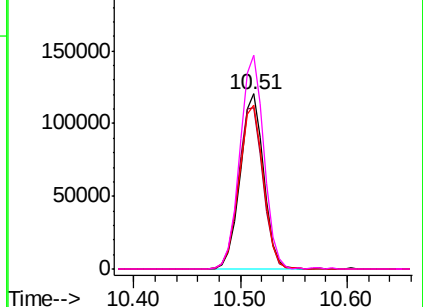


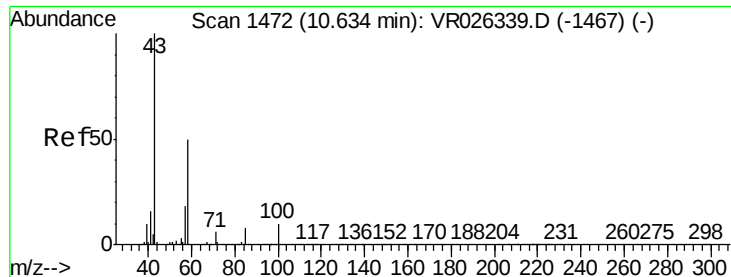
Abundance Ion 163.90 (163.60 to 164.60): V

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

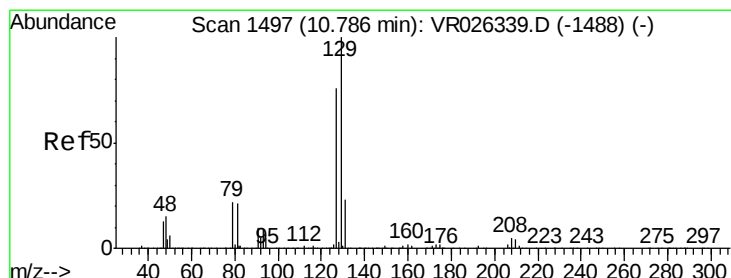
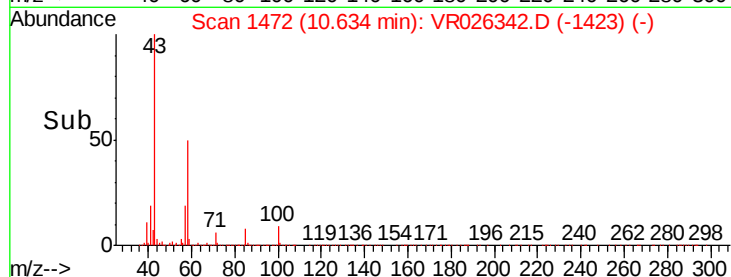
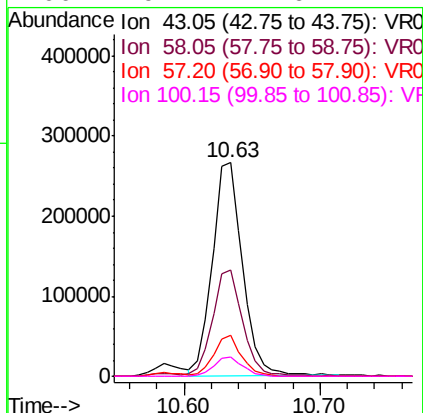
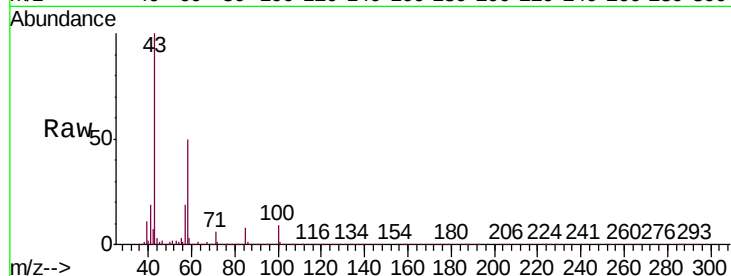




#48
2-Hexanone
Concen: 55.357 ug/L
RT: 10.63 min Scan# 1472
Delta R.T. -0.00 min
Lab File: VR026342.D
Acq: 19 Feb 2019 17:30

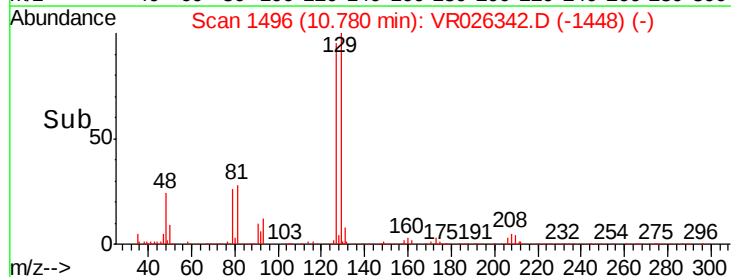
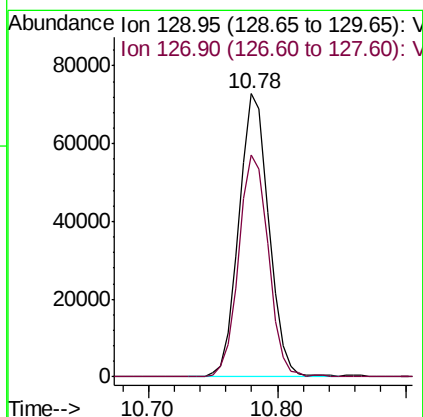
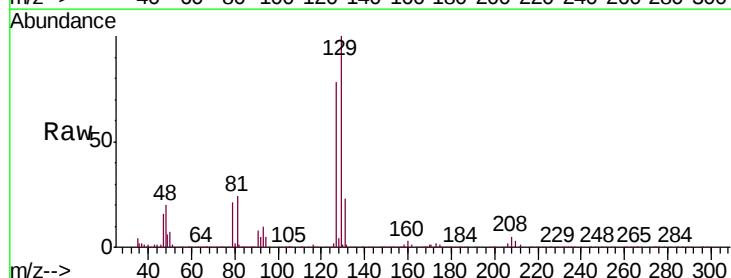
Instrument :
MSVOA_R
ClientSampled :
VICV95

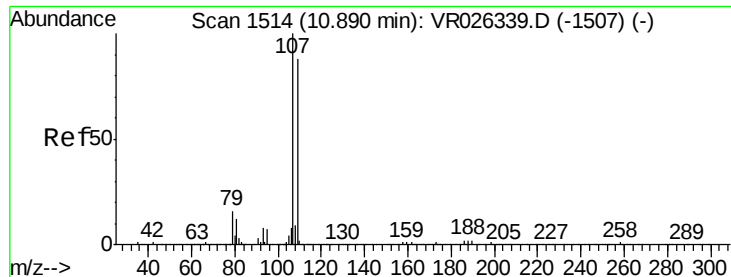
Tgt Ion:	43	Resp:	408246
Ion	Ratio	Lower	Upper
43	100		
58	49.4	39.1	58.7
57	17.9	14.2	21.2
100	9.1	7.6	11.4



#49
Dibromochloromethane
Concen: 5.074 ug/L
RT: 10.78 min Scan# 1496
Delta R.T. -0.01 min
Lab File: VR026342.D
Acq: 19 Feb 2019 17:30

Tgt Ion:	129	Resp:	116346
Ion	Ratio	Lower	Upper
129	100		
127	78.2	53.5	99.3

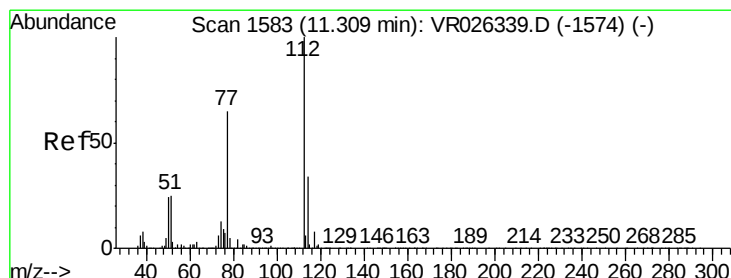
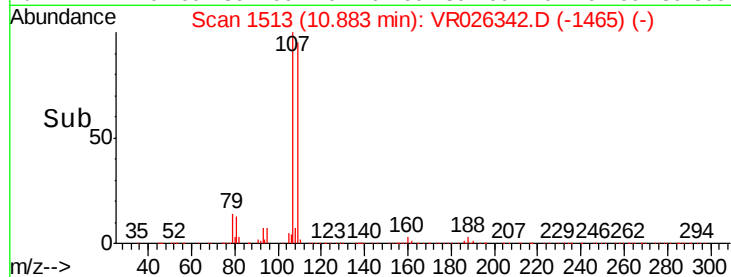
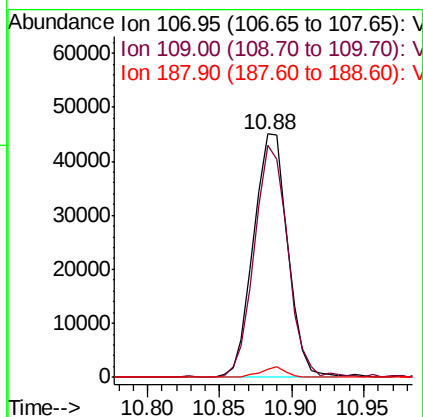
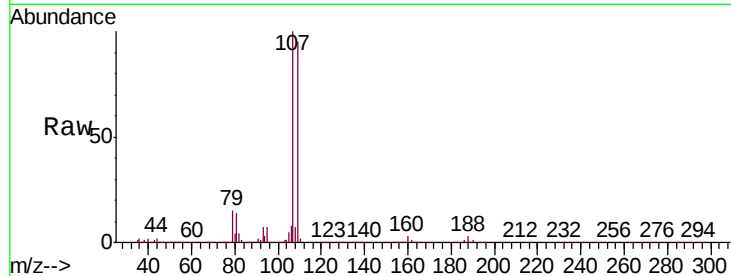




#50
1,2-Dibromoethane
Concen: 5.146 ug/L
RT: 10.88 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VR026342.D
Acq: 19 Feb 2019 17:30

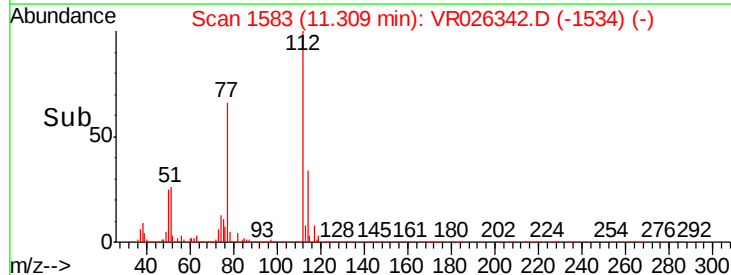
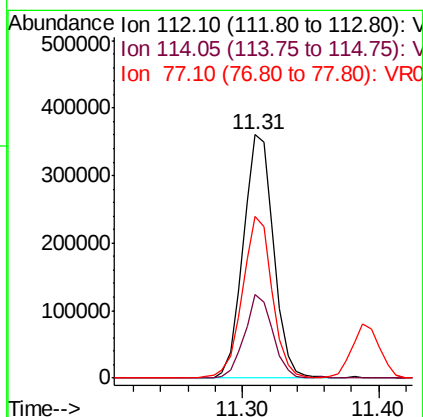
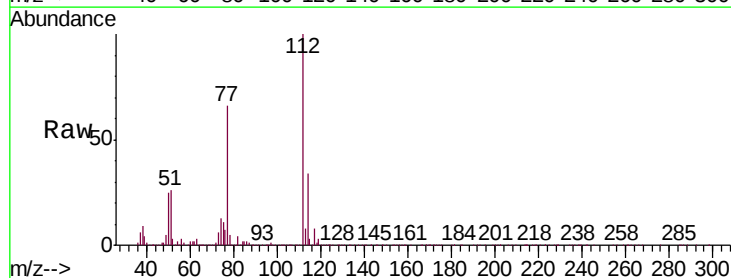
Instrument :
MSVOA_R
ClientSampleId :
VICV95

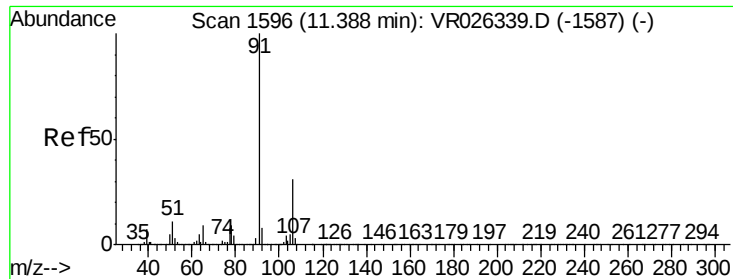
Tgt Ion:107 Resp: 73904
Ion Ratio Lower Upper
107 100
109 95.4 61.6 114.4
188 3.3 1.7 2.5#



#51
Chlorobenzene
Concen: 4.993 ug/L
RT: 11.31 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VR026342.D
Acq: 19 Feb 2019 17:30

Tgt Ion:112 Resp: 559534
Ion Ratio Lower Upper
112 100
114 34.5 23.5 43.7
77 66.3 51.8 77.8





#52

Ethylbenzene

Concen: 5.594 ug/L

RT: 11.39 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

Instrument :

MSVOA_R

ClientSampleId :

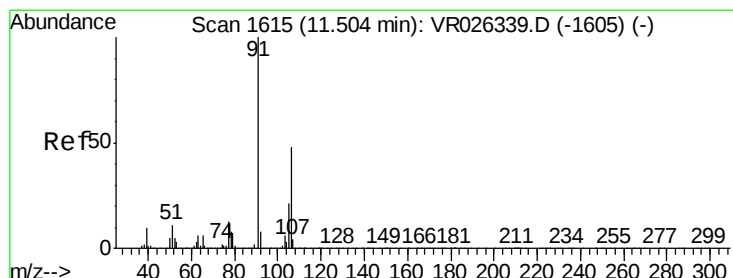
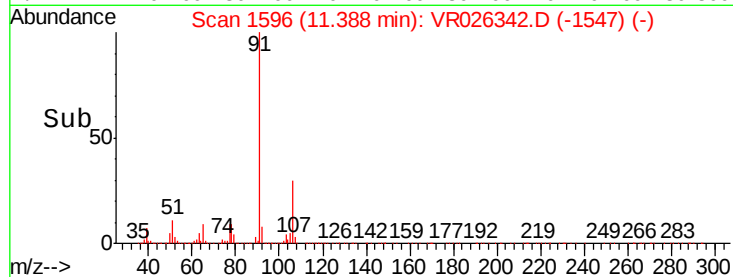
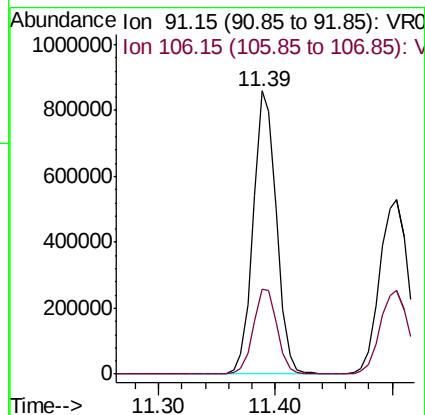
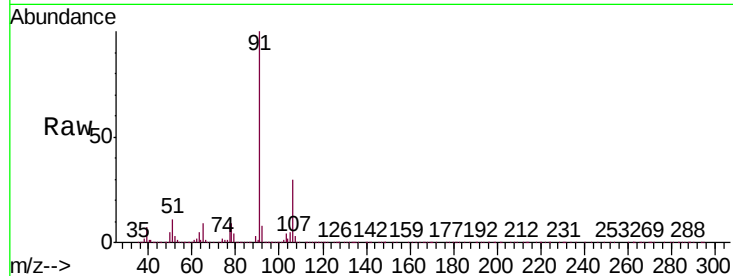
VICV95

Tgt Ion: 91 Resp: 1192766

Ion Ratio Lower Upper

91 100

106 29.8 21.5 39.9



#53

m,p-Xylene

Concen: 5.547 ug/L

RT: 11.50 min Scan# 1615

Delta R.T. -0.00 min

Lab File: VR026342.D

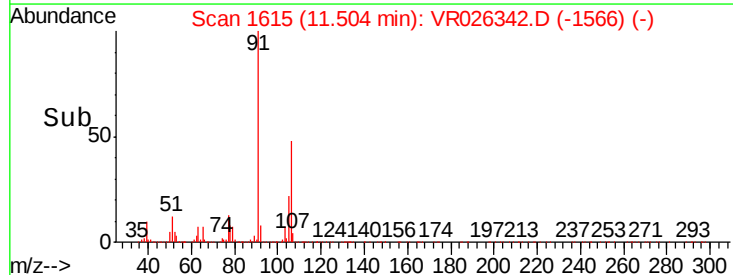
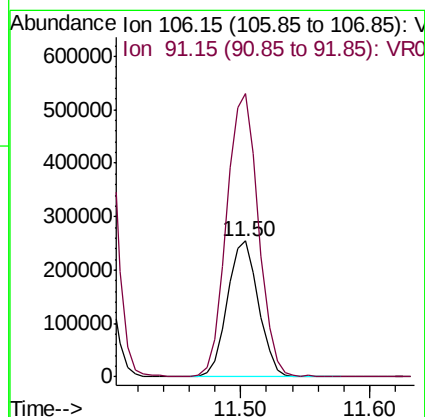
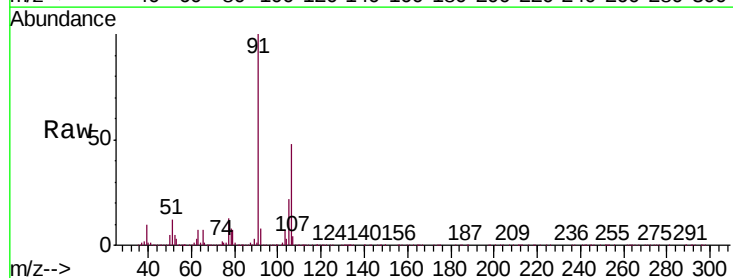
Acq: 19 Feb 2019 17:30

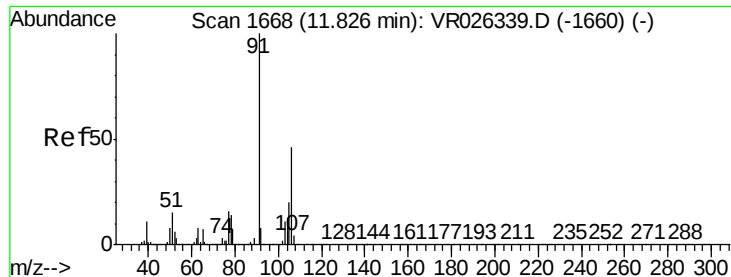
Tgt Ion: 106 Resp: 431494

Ion Ratio Lower Upper

106 100

91 208.7 144.8 268.8

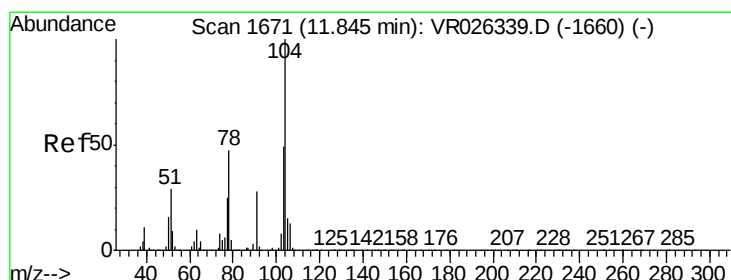
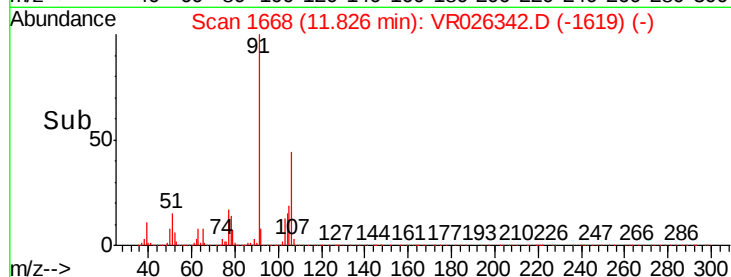
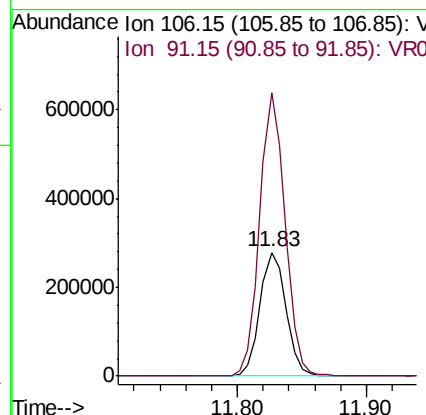
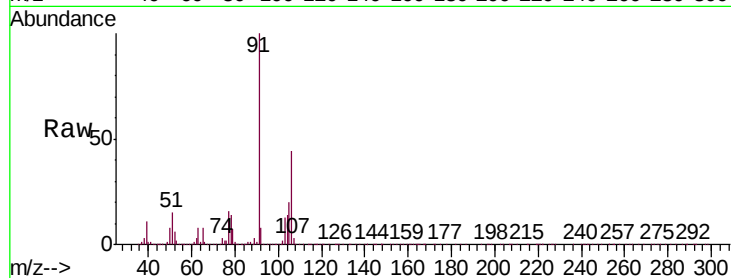




#54
o-Xylene
Concen: 5.708 ug/L
RT: 11.83 min Scan# 1668
Delta R.T. -0.00 min
Lab File: VR026342.D
Acq: 19 Feb 2019 17:30

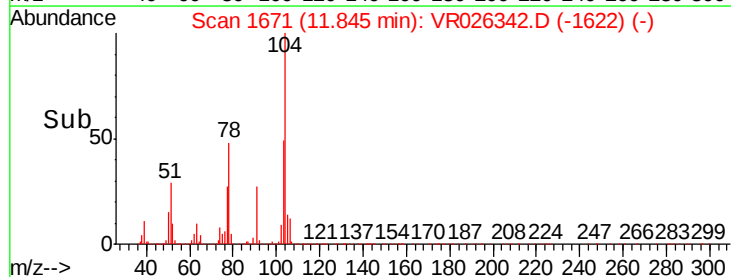
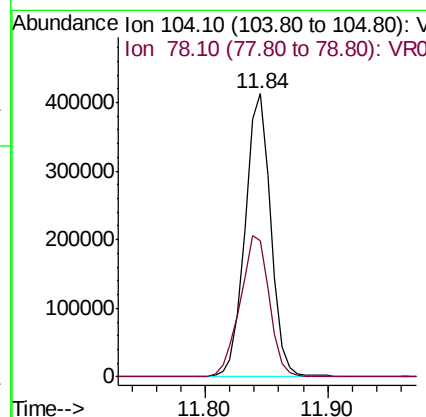
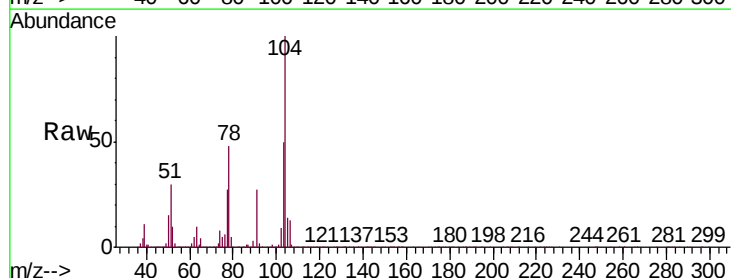
Instrument :
MSVOA_R
ClientSampleId :
VICV95

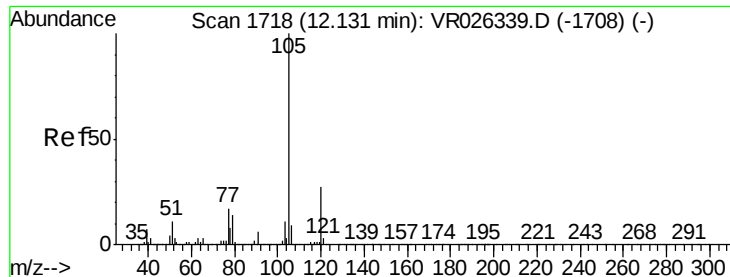
Tgt Ion:106 Resp: 388766
Ion Ratio Lower Upper
106 100
91 228.6 153.1 284.3



#55
Styrene
Concen: 5.555 ug/L
RT: 11.84 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VR026342.D
Acq: 19 Feb 2019 17:30

Tgt Ion:104 Resp: 599000
Ion Ratio Lower Upper
104 100
78 48.0 33.1 61.5





#56

Isopropylbenzene

Concen: 5.883 ug/L

RT: 12.13 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

Instrument :

MSVOA_R

ClientSampleId :

VICV95

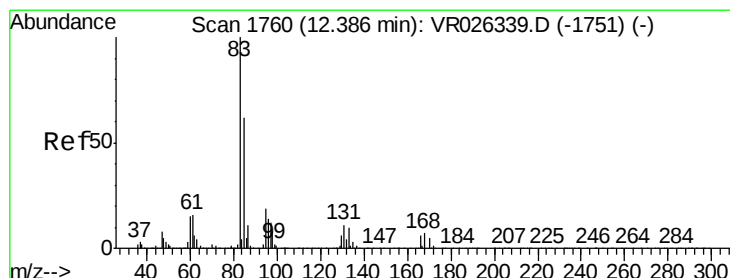
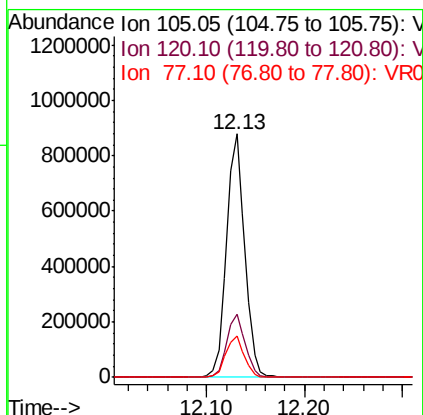
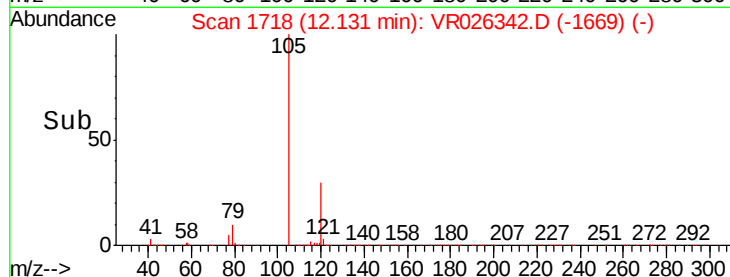
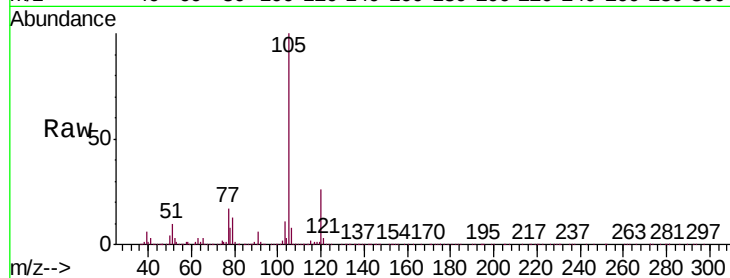
Tgt Ion:105 Resp: 1128353

Ion Ratio Lower Upper

105 100

120 26.2 20.8 31.2

77 17.1 13.9 20.9



#58

1,1,2,2-Tetrachloroethane

Concen: 5.009 ug/L

RT: 12.38 min Scan# 1759

Delta R.T. -0.01 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

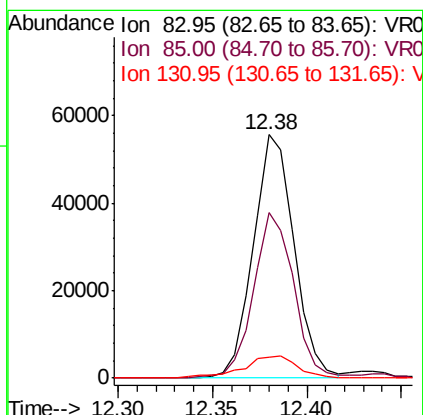
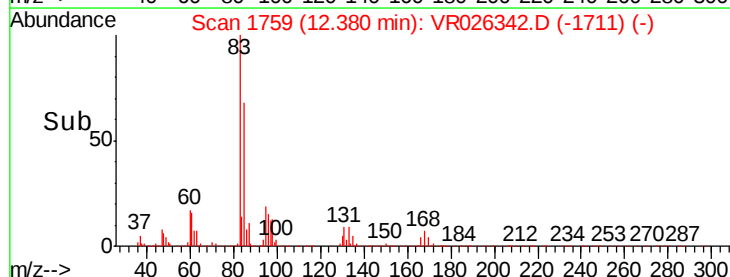
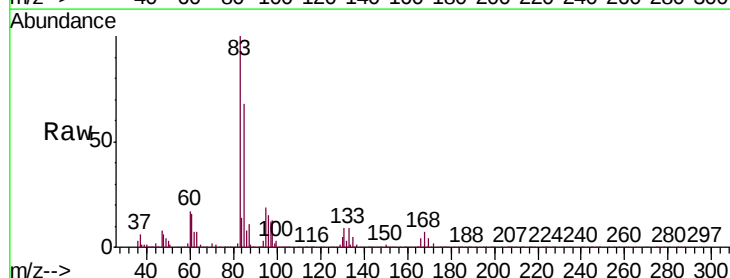
Tgt Ion: 83 Resp: 83374

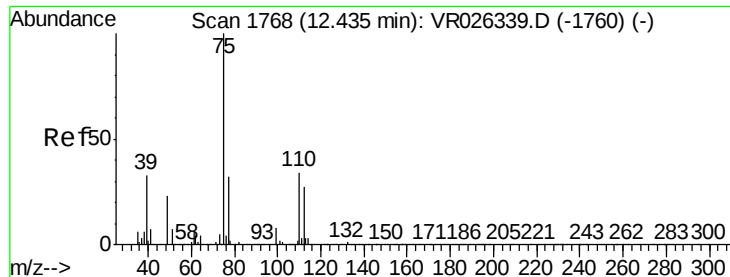
Ion Ratio Lower Upper

83 100

85 68.1 43.5 80.9

131 8.8 8.8 13.2





#59

1,2,3-Trichloropropane

Concen: 5.263 ug/L

RT: 12.43 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

Instrument :

MSVOA_R

ClientSampleId :

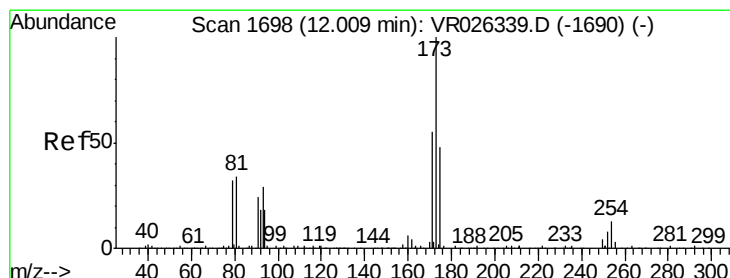
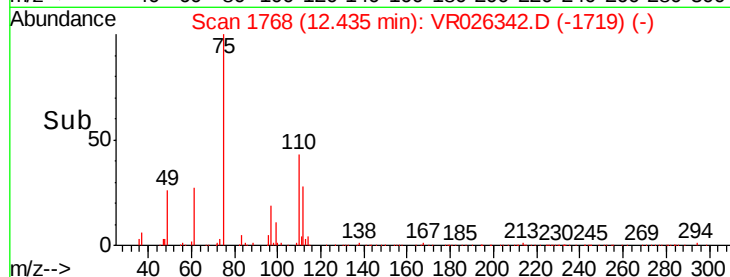
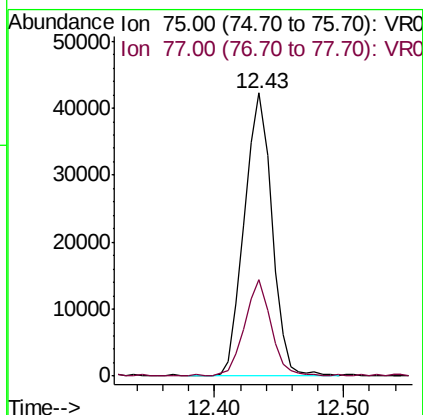
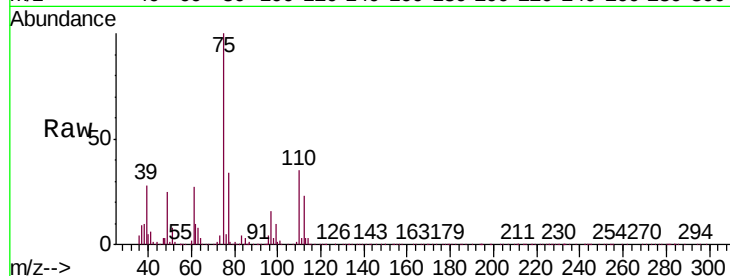
VICV95

Tgt Ion: 75 Resp: 62707

Ion Ratio Lower Upper

75 100

77 31.8 27.5 41.3



#61

Bromoform

Concen: 4.872 ug/L

RT: 12.00 min Scan# 1697

Delta R.T. -0.01 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

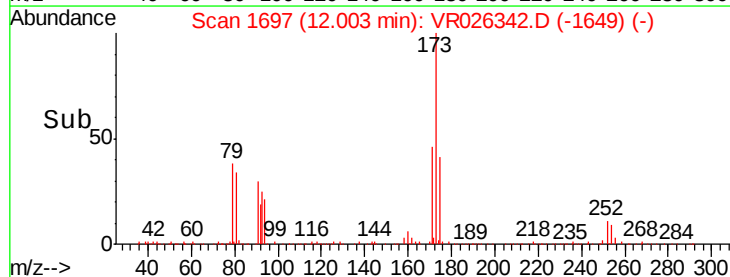
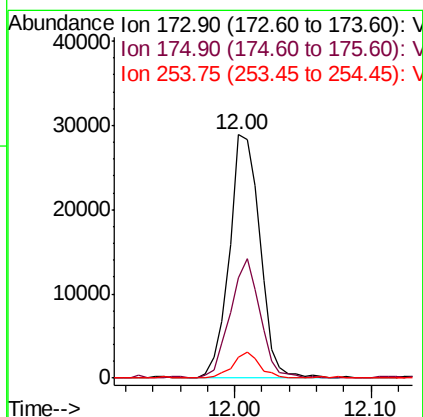
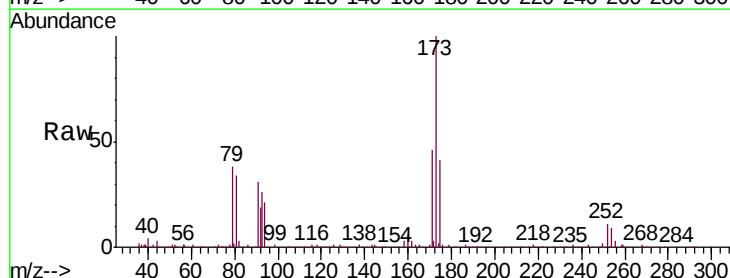
Tgt Ion: 173 Resp: 45299

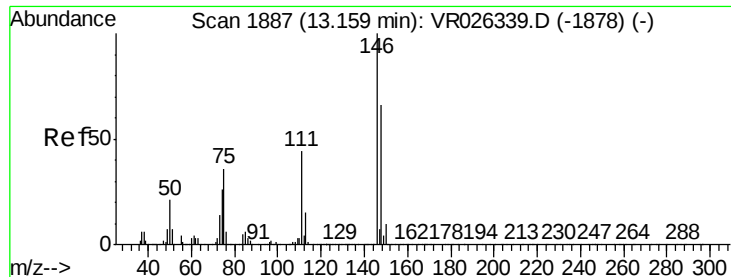
Ion Ratio Lower Upper

173 100

175 48.0 40.0 60.0

254 9.6 7.8 11.8

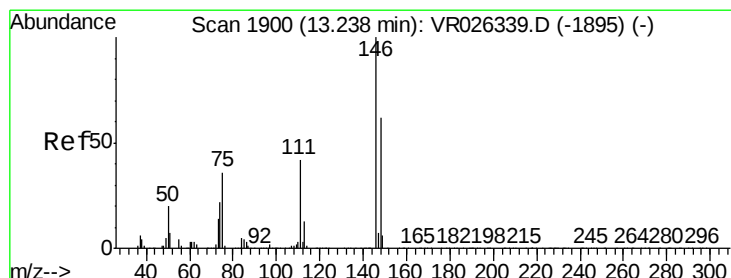
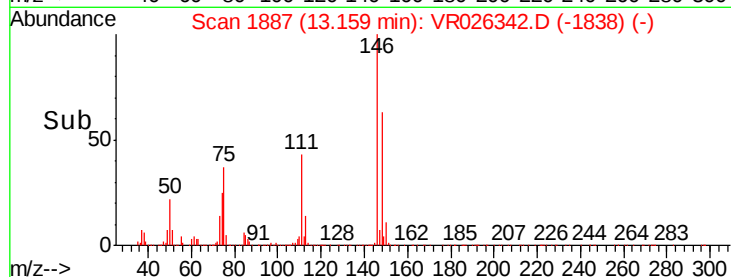
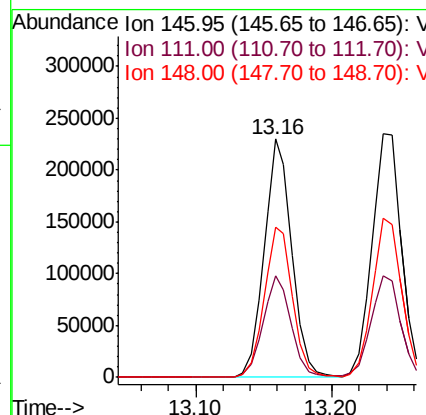
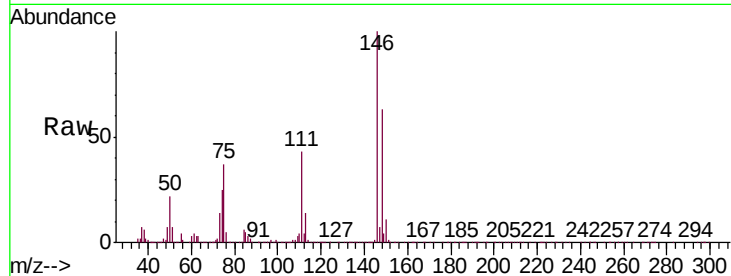




#62
 1,3-Dichlorobenzene
 Concen: 5.333 ug/L
 RT: 13.16 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: VR026342.D
 Acq: 19 Feb 2019 17:30

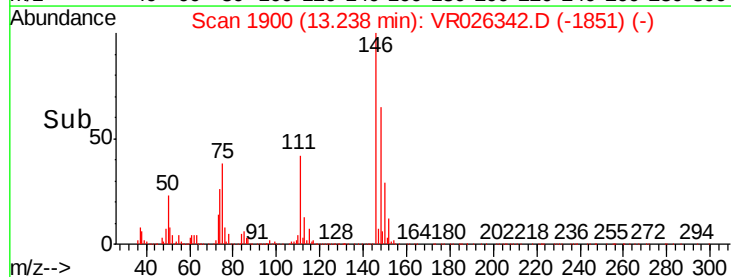
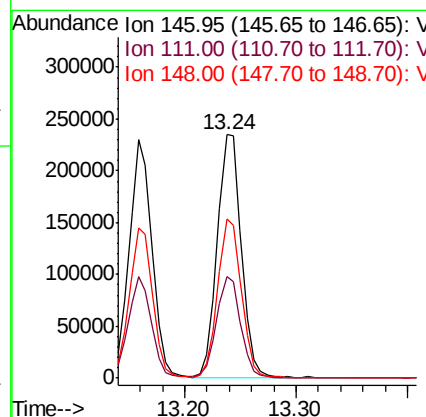
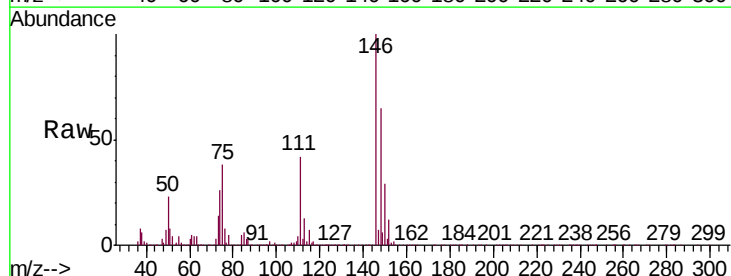
Instrument :
 MSVOA_R
 ClientSampled :
 VICV95

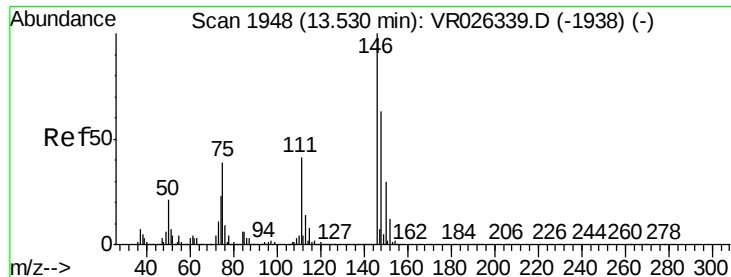
Tgt Ion:146 Resp: 324962
 Ion Ratio Lower Upper
 146 100
 111 42.5 30.7 57.1
 148 63.3 46.1 85.5



#63
 1,4-Dichlorobenzene
 Concen: 4.983 ug/L
 RT: 13.24 min Scan# 1900
 Delta R.T. -0.00 min
 Lab File: VR026342.D
 Acq: 19 Feb 2019 17:30

Tgt Ion:146 Resp: 352627
 Ion Ratio Lower Upper
 146 100
 111 42.0 29.5 54.7
 148 65.3 43.8 81.4

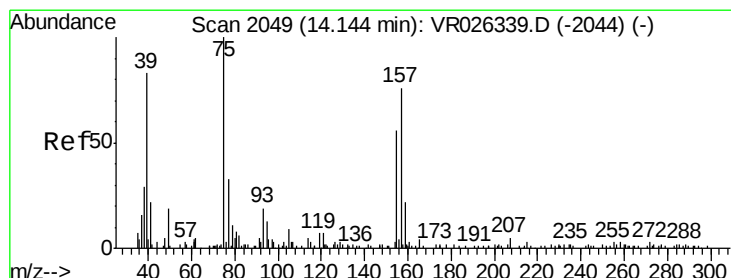
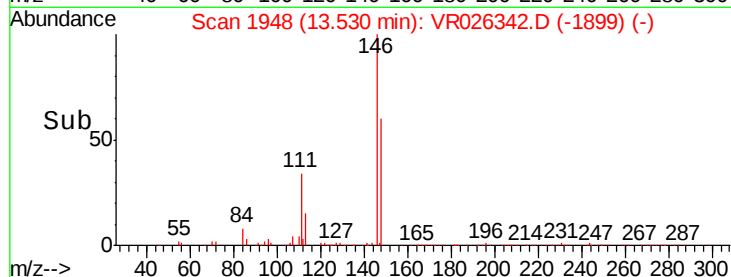
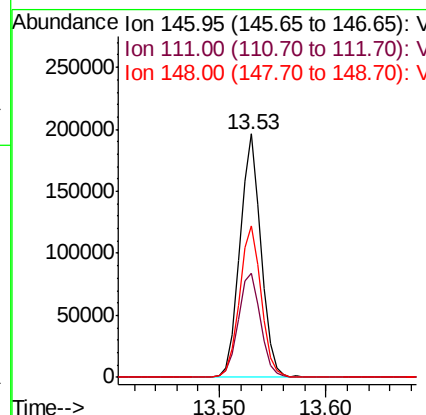
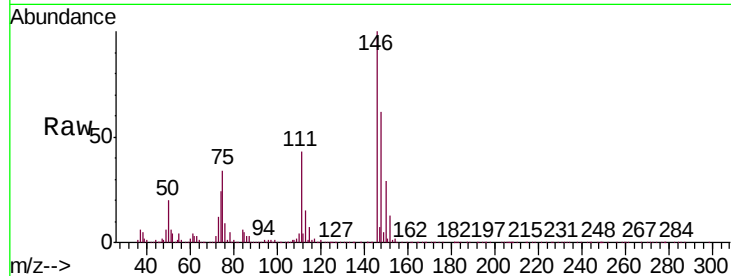




#65
1,2-Dichlorobenzene
Concen: 5.149 ug/L
RT: 13.53 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VR026342.D
Acq: 19 Feb 2019 17:30

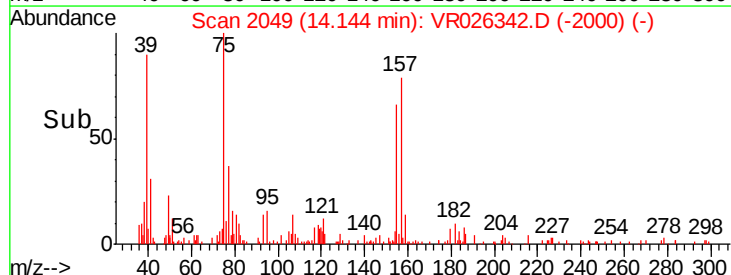
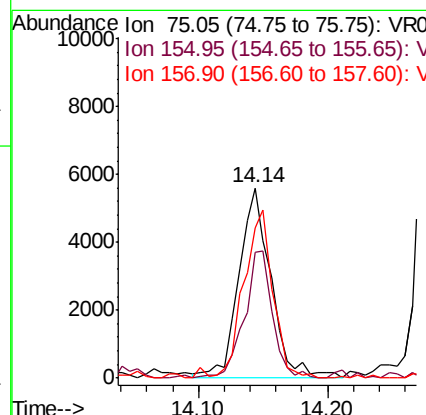
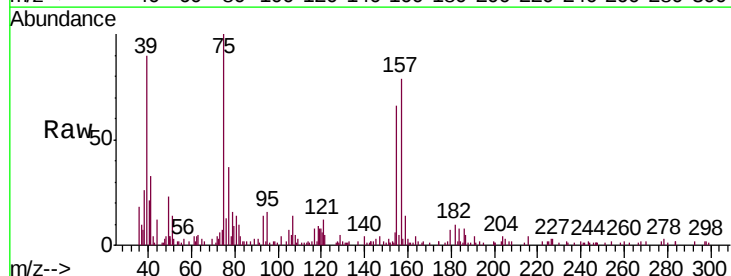
Instrument :
MSVOA_R
ClientSampled :
VICV95

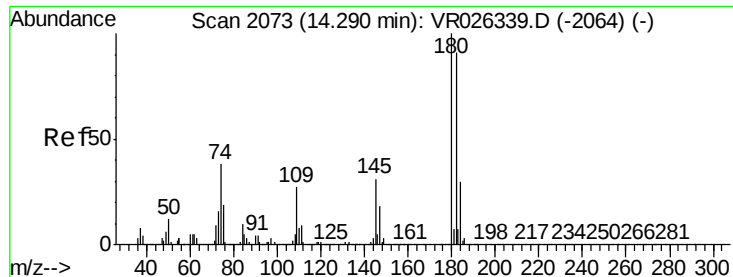
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	33.1	49.7
148	62.3	50.4	75.6



#66
1,2-Dibromo-3-chloropropane
Concen: 4.823 ug/L
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VR026342.D
Acq: 19 Feb 2019 17:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.0	45.8	68.8
157	79.2	60.9	91.3





#67

1,3,5-Trichlorobenzene

Concen: 5.429 ug/L

RT: 14.29 min Scan# 2073

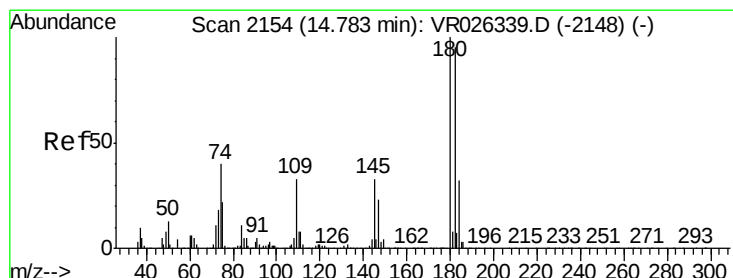
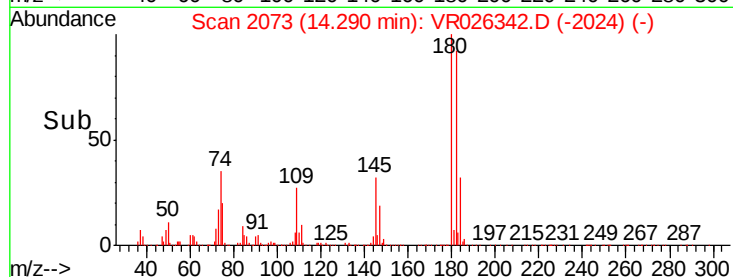
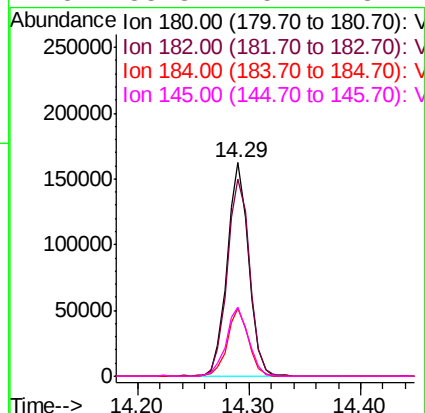
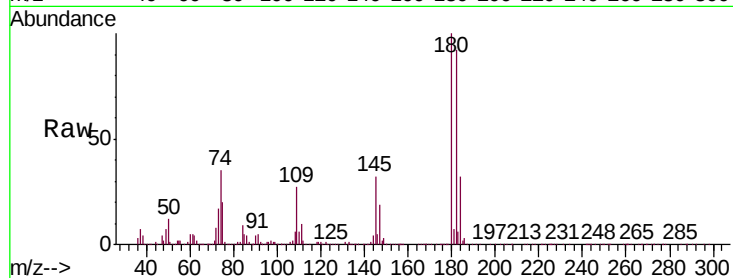
Delta R.T. -0.00 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

Instrument :
MSVOA_R
ClientSampleId :
VICV95

Tgt Ion:	180	Resp:	216169
Ion Ratio	Lower	Upper	
180	100		
182	96.9	75.0	112.4
184	31.3	24.6	37.0
145	33.3	25.1	37.7



#68

1,2,4-trichlorobenzene

Concen: 5.714 ug/L

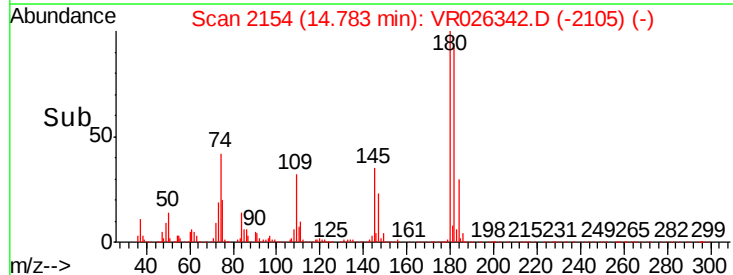
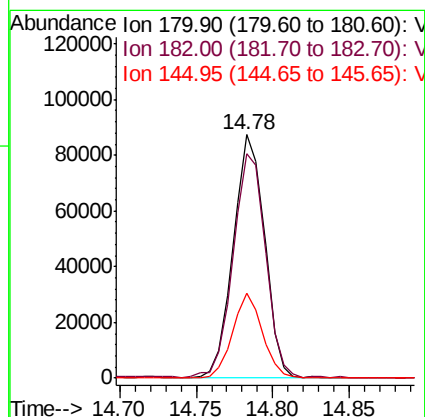
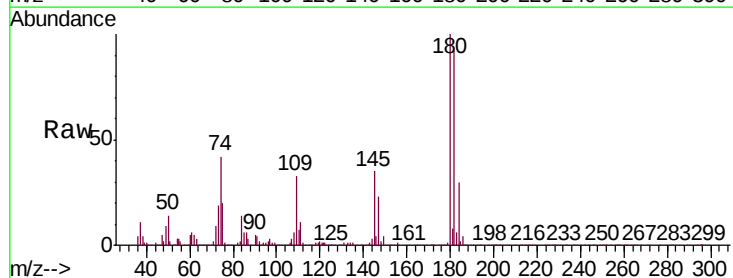
RT: 14.78 min Scan# 2154

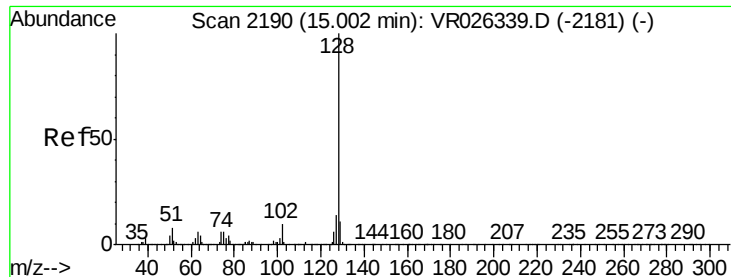
Delta R.T. -0.00 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

Tgt Ion:	180	Resp:	123568
Ion Ratio	Lower	Upper	
180	100		
182	95.5	74.3	111.5
145	33.7	25.9	38.9





#69

Naphthalene

Concen: 6.090 ug/L

RT: 15.00 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

Instrument :

MSVOA_R

ClientSampleId :

VICV95

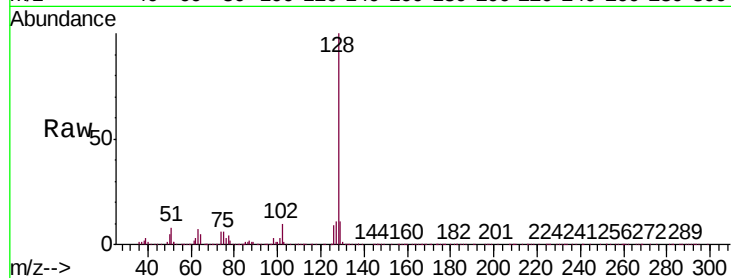
Tgt Ion:128 Resp: 125117

Ion Ratio Lower Upper

128 100

127 12.5 10.9 16.3

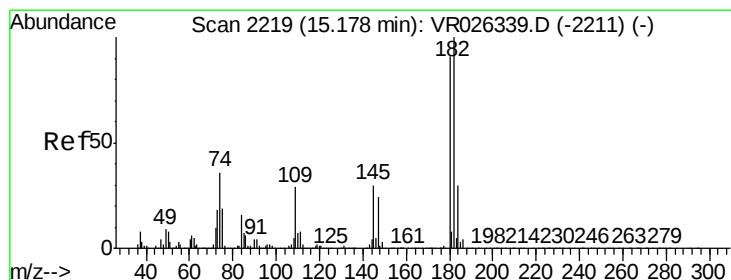
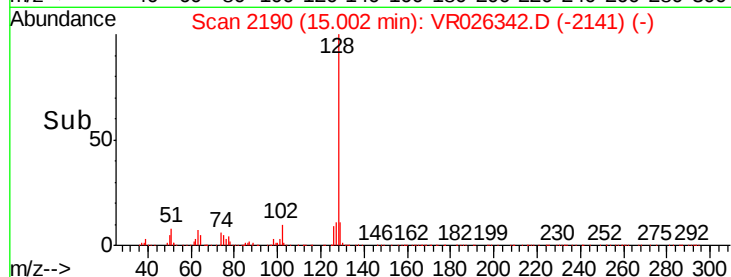
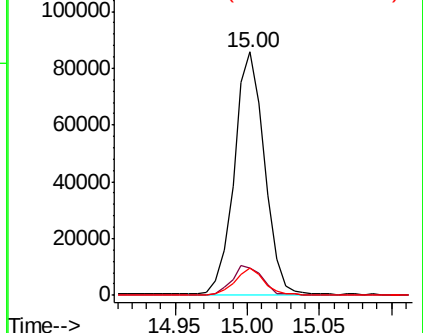
129 10.8 9.3 13.9



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 5.777 ug/L

RT: 15.18 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VR026342.D

Acq: 19 Feb 2019 17:30

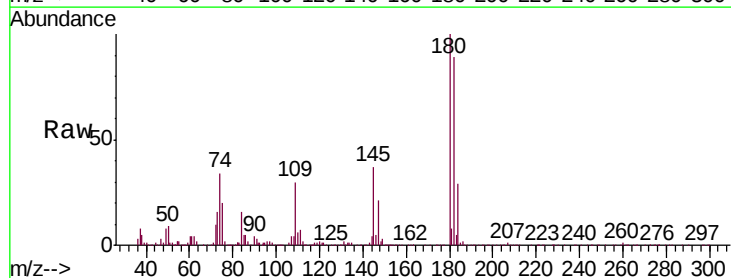
Tgt Ion:180 Resp: 95375

Ion Ratio Lower Upper

180 100

182 97.4 77.0 115.4

145 36.9 27.7 41.5



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

