

Data File : VR026506.D
Acq On : 7 Apr 2019 20:17
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00563

Quant Time: Apr 08 03:04:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 08 02:57:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	524763	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	435891	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	184441	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	184227	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	2.63	69	169139	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	3.61	63	535500	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.80%
20) 2-Butanone-d5	6.59	46	203147	57.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.30%
24) Chloroform-d	7.20	84	395189	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	7.89	65	169087	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	7.85	84	741473	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	8.89	67	195890	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	9.97	98	700389	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
43) trans-1,3-Dichloropropene-	10.23	79	45024	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	10.59	63	180538	70.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	140.70%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	83486	5.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	140654	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.82	85	241895	4.498 ug/L	96
3) Chloromethane	2.01	50	286497	5.051 ug/L	94
5) Vinyl chloride	2.16	62	283852	5.092 ug/L	97
6) Bromomethane	2.52	94	167035	5.125 ug/L	99
8) Chloroethane	2.66	64	162270	5.134 ug/L	100
9) Trichlorofluoromethane	2.93	101	155852	2.020 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	206384	4.847 ug/L	99
12) 1,1-Dichloroethene	3.63	96	243906	5.241 ug/L	96
13) Acetone	3.69	43	206208	57.402 ug/L	95
14) Carbon disulfide	3.93	76	630291	4.666 ug/L	98
15) Methyl Acetate	4.19	43	55353	5.711 ug/L	100
16) Methylene chloride	4.40	84	207320	5.011 ug/L	93
17) Methyl tert-butyl Ether	4.88	73	255970	4.836 ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	225061	5.125 ug/L	94
19) 1,1-Dichloroethane	5.69	63	421130	5.161 ug/L	99
21) 2-Butanone	6.69	43	298169	64.556 ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	208264	5.702 ug/L #	86

Data File : VR026506.D
Acq On : 7 Apr 2019 20:17
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00563

Quant Time: Apr 08 03:04:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 08 02:57:29 2019
Response via : Initial Calibration

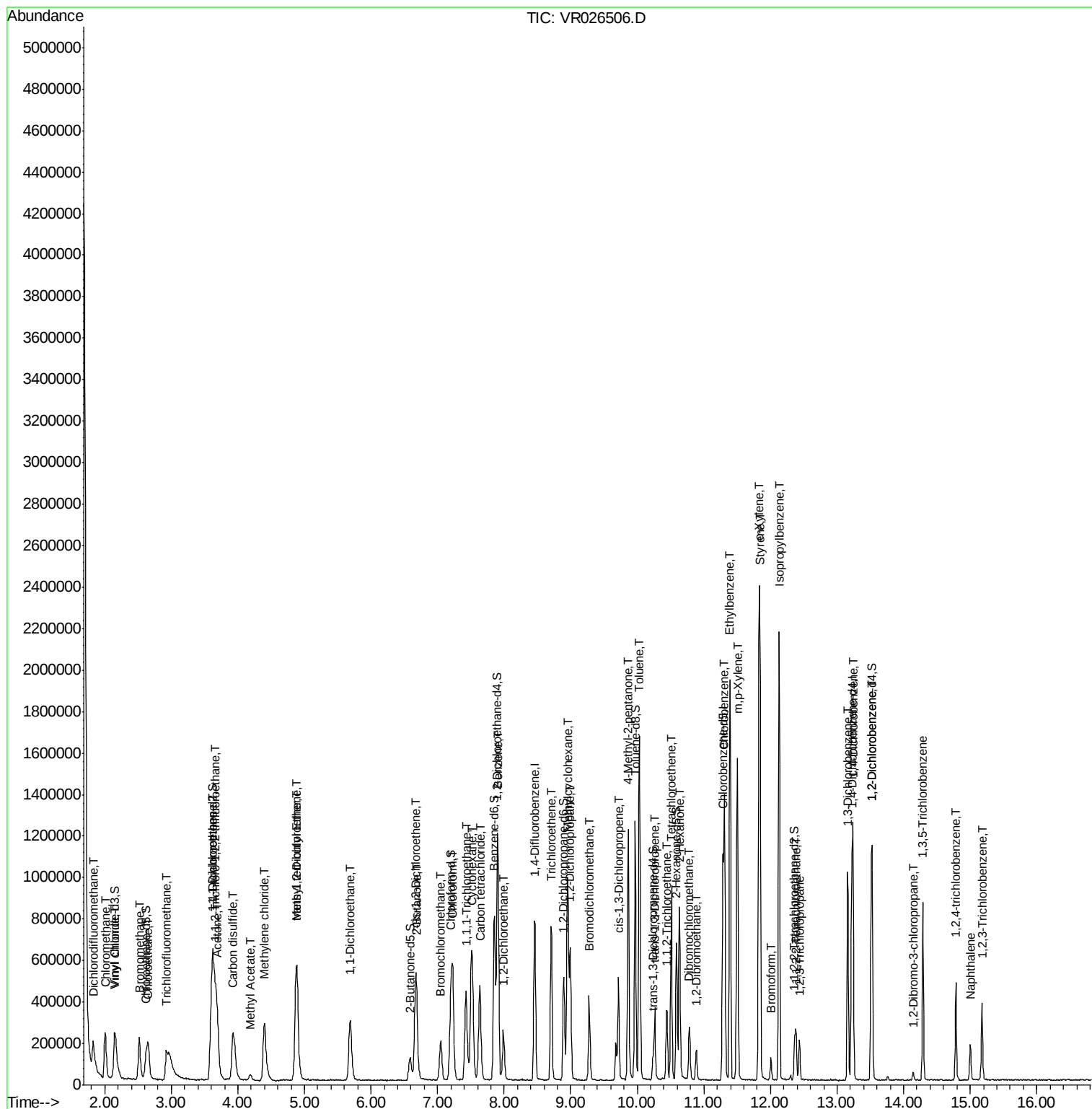
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	60536	5.320	ug/L	97
25) Chloroform	7.23	83	414704	5.312	ug/L	99
27) 1,2-Dichloroethane	7.99	62	215745	5.541	ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	350106	4.866	ug/L	96
30) Cyclohexane	7.51	56	357587	5.349	ug/L	98
31) Carbon tetrachloride	7.63	117	349509	5.128	ug/L	98
33) Benzene	7.90	78	936204	5.496	ug/L	100
34) Trichloroethene	8.71	95	237105	5.196	ug/L	97
35) Methylcyclohexane	8.95	83	335349	5.153	ug/L	99
37) 1,2-Dichloropropane	8.99	63	202128	5.415	ug/L #	97
38) Bromodichloromethane	9.28	83	237960	5.516	ug/L #	97
39) cis-1,3-Dichloropropene	9.72	75	222226	5.484	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	757462	69.246	ug/L	98
42) Toluene	10.03	91	985530	5.645	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	157598	5.332	ug/L	94
45) 1,1,2-Trichloroethane	10.45	97	89282	5.912	ug/L	96
47) Tetrachloroethene	10.51	164	165890	5.109	ug/L	90
48) 2-Hexanone	10.63	43	517216	71.087	ug/L	96
49) Dibromochloromethane	10.78	129	108198	5.469	ug/L	91
50) 1,2-Dibromoethane	10.89	107	72986	5.619	ug/L #	99
51) Chlorobenzene	11.31	112	535156	5.463	ug/L	96
52) Ethylbenzene	11.39	91	1146478	5.701	ug/L	97
53) m,p-Xylene	11.50	106	410169	5.691	ug/L	97
54) o-Xylene	11.83	106	373341	5.895	ug/L	99
55) Styrene	11.84	104	599746	5.998	ug/L	94
56) Isopropylbenzene	12.13	105	1075755	5.984	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.38	83	87640	5.977	ug/L	99
59) 1,2,3-Trichloropropane	12.43	75	62963	5.597	ug/L	97
61) Bromoform	12.01	173	40205	4.885	ug/L	95
62) 1,3-Dichlorobenzene	13.16	146	301729	5.104	ug/L	94
63) 1,4-Dichlorobenzene	13.24	146	336890	5.076	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	261090	5.324	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.14	75	9373	4.973	ug/L #	94
67) 1,3,5-Trichlorobenzene	14.29	180	192108	4.973	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	106758	4.974	ug/L	95
69) Naphthalene	15.00	128	107379	5.319	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	86426	5.809	ug/L	94

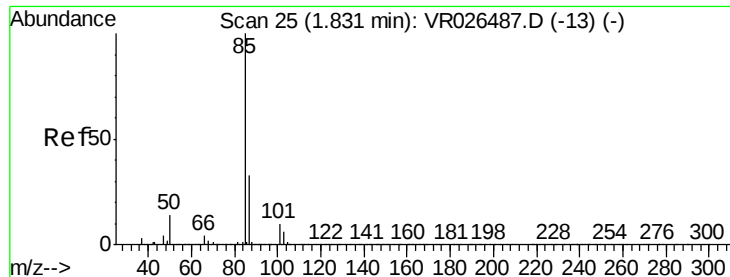
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VR026506.D
Acq On : 7 Apr 2019 20:17
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00563

Quant Time: Apr 08 03:04:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 08 02:57:29 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 4.498 ug/L

RT: 1.82 min Scan# 24

Delta R.T. -0.01 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

Instrument :

MSVOA_R

ClientSampleId :

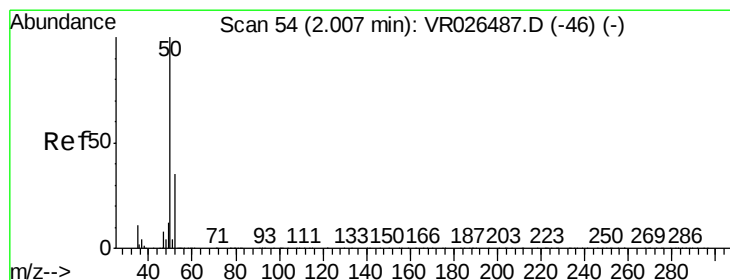
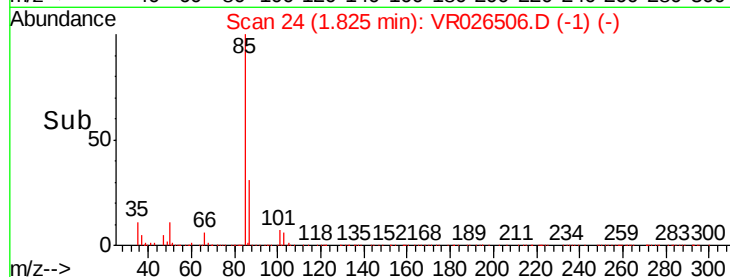
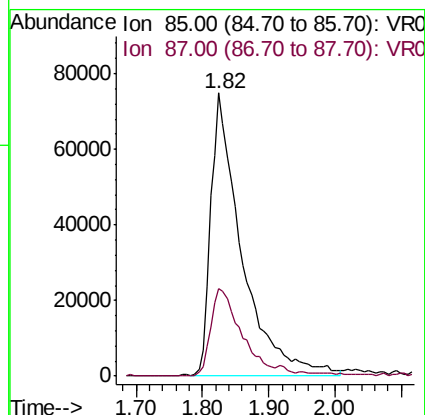
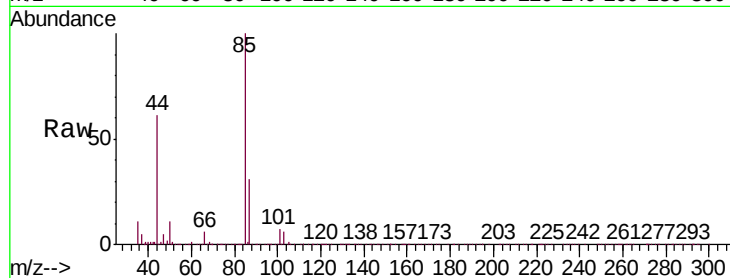
VSTD00563

Tgt Ion: 85 Resp: 241895

Ion Ratio Lower Upper

85 100

87 29.9 25.5 38.3



#3

Chloromethane

Concen: 5.051 ug/L

RT: 2.01 min Scan# 54

Delta R.T. 0.00 min

Lab File: VR026506.D

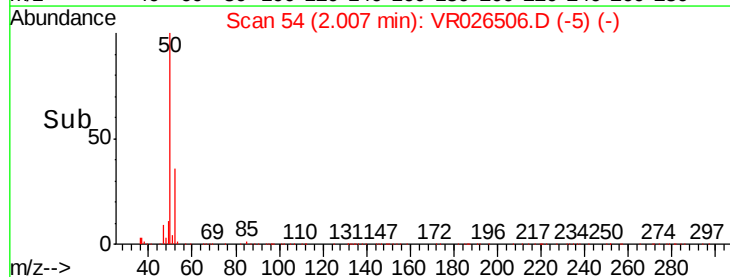
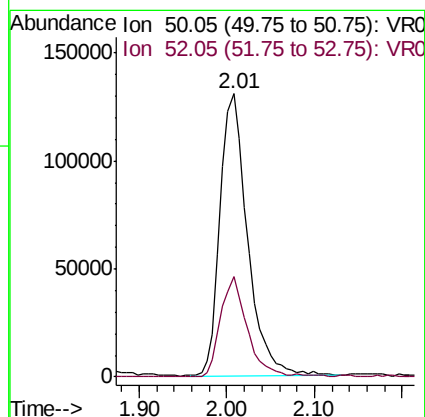
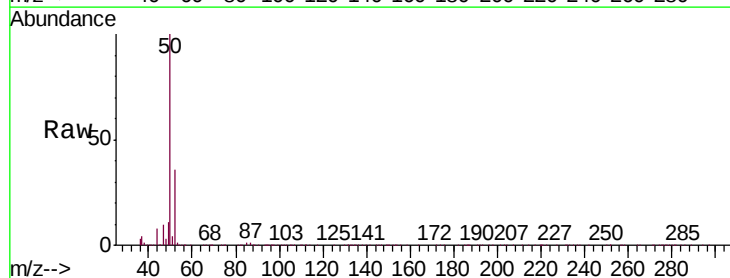
Acq: 7 Apr 2019 20:17

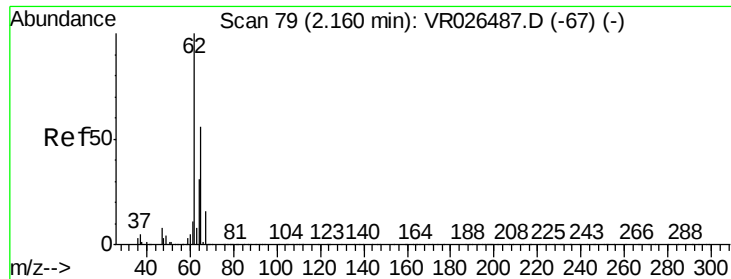
Tgt Ion: 50 Resp: 286497

Ion Ratio Lower Upper

50 100

52 35.6 22.5 41.9





#5

Vinyl chloride

Concen: 5.092 ug/L

RT: 2.16 min Scan# 79

Delta R.T. 0.00 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

Instrument :

MSVOA_R

ClientSampleId :

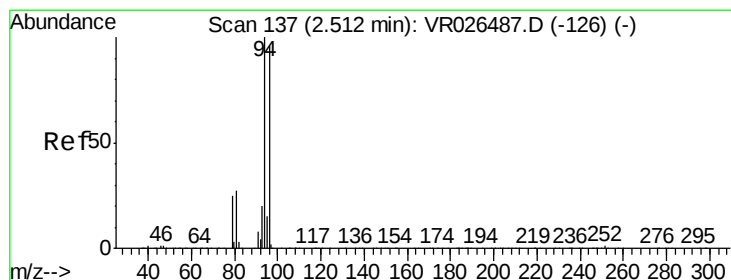
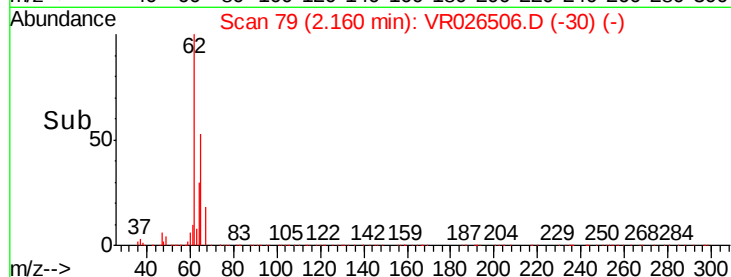
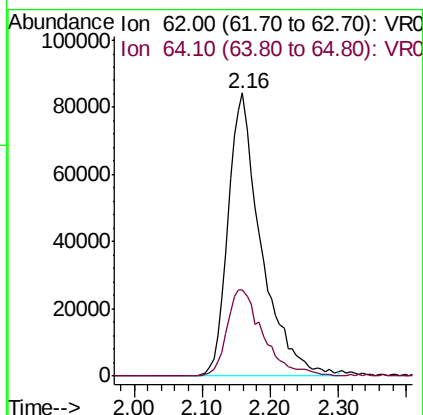
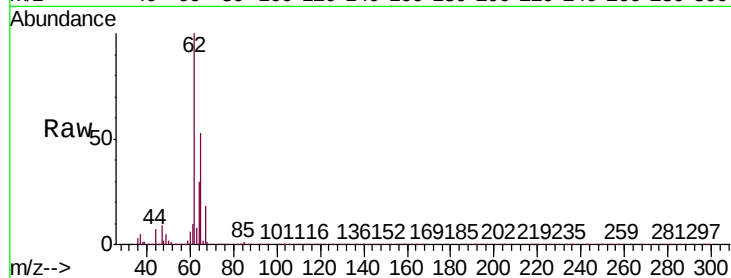
VSTD00563

Tgt Ion: 62 Resp: 283852

Ion Ratio Lower Upper

62 100

64 30.4 22.3 41.5



#6

Bromomethane

Concen: 5.125 ug/L

RT: 2.52 min Scan# 138

Delta R.T. 0.01 min

Lab File: VR026506.D

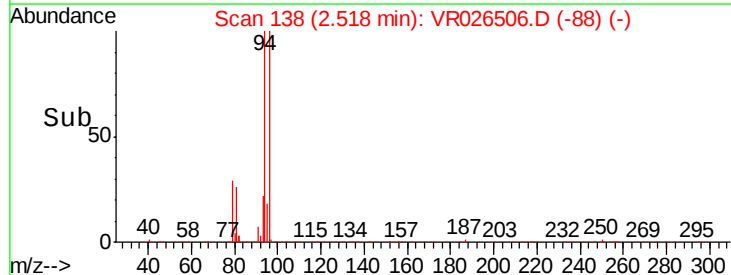
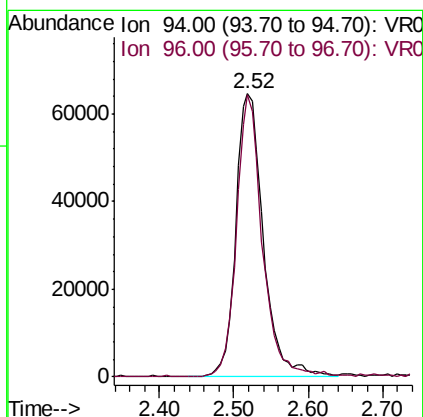
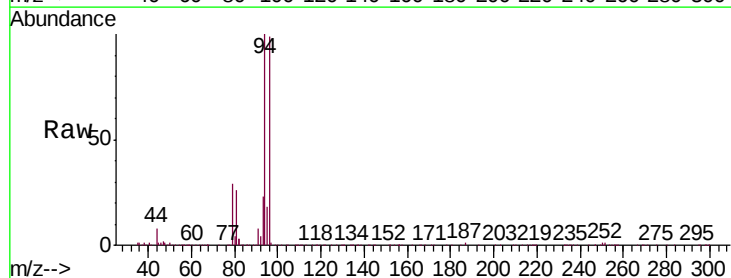
Acq: 7 Apr 2019 20:17

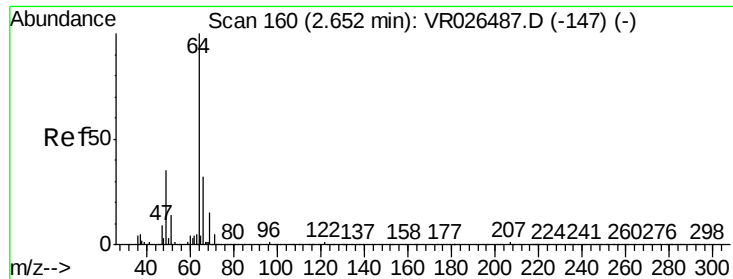
Tgt Ion: 94 Resp: 167035

Ion Ratio Lower Upper

94 100

96 99.5 69.1 128.3

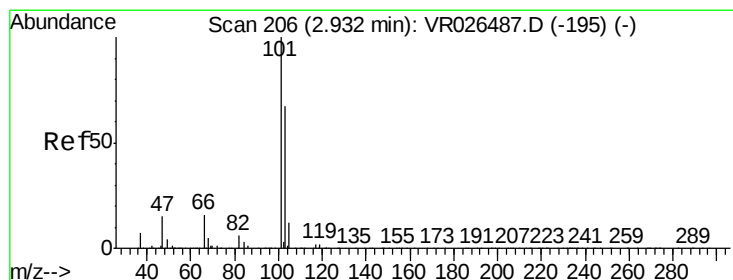
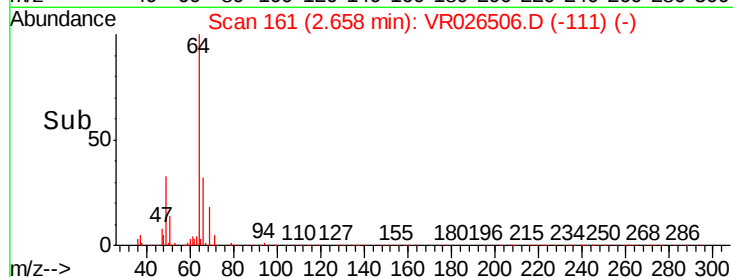
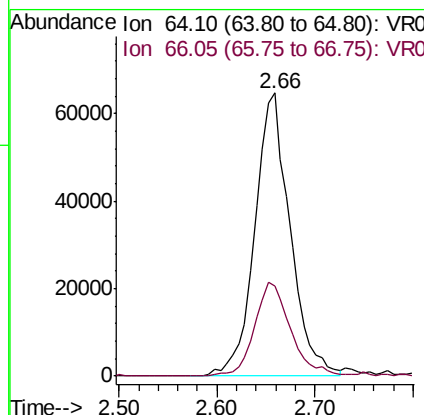
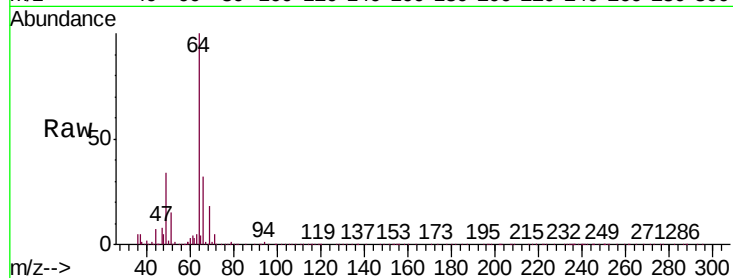




#8
Chloroethane
Concen: 5.134 ug/L
RT: 2.66 min Scan# 161
Delta R.T. 0.01 min
Lab File: VR026506.D
Acq: 7 Apr 2019 20:17

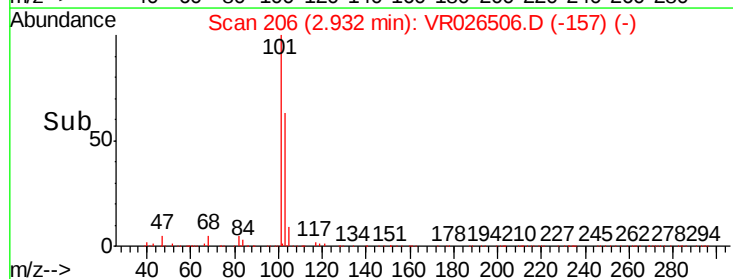
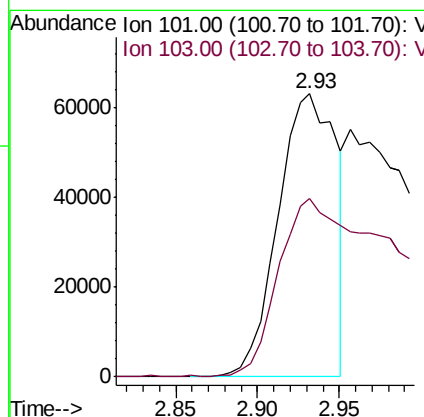
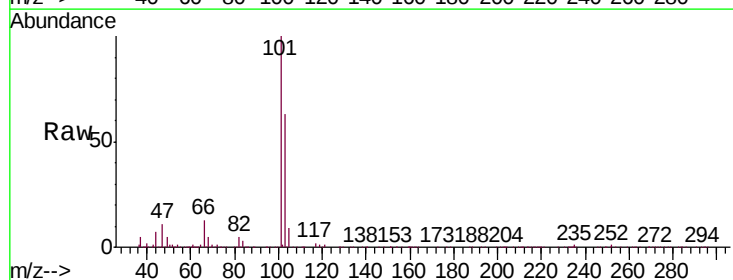
Instrument :
MSVOA_R
ClientSampled :
VSTD00563

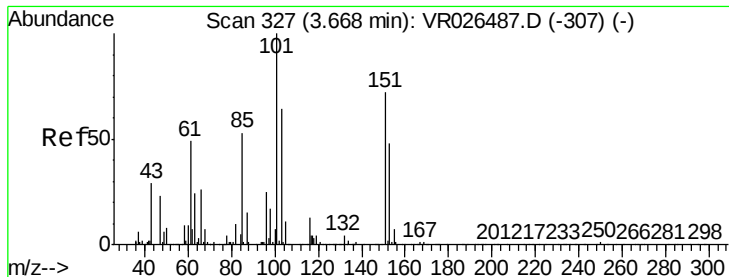
Tgt Ion: 64 Resp: 162270
Ion Ratio Lower Upper
64 100
66 31.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 2.020 ug/L
RT: 2.93 min Scan# 206
Delta R.T. 0.00 min
Lab File: VR026506.D
Acq: 7 Apr 2019 20:17

Tgt Ion: 101 Resp: 155852
Ion Ratio Lower Upper
101 100
103 169.3 48.2 72.2#





#10

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

Concen: 4.847 ug/L

RT: 3.67 min Scan# 328

Delta R.T. 0.01 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

Instrument :

MSVOA_R

ClientSampleId :

VSTD00563

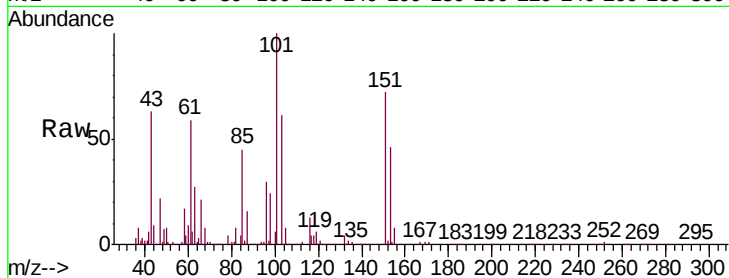
Tgt Ion: 101 Resp: 206384

Ion Ratio Lower Upper

101 100

85 50.4 39.2 58.8

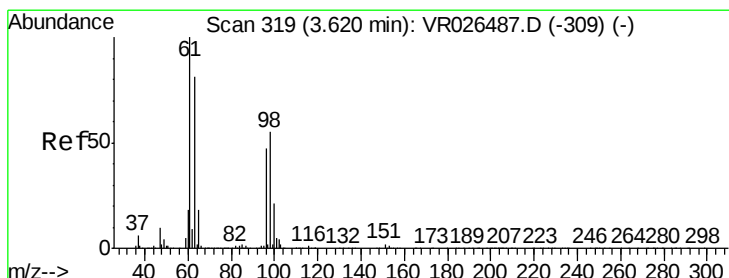
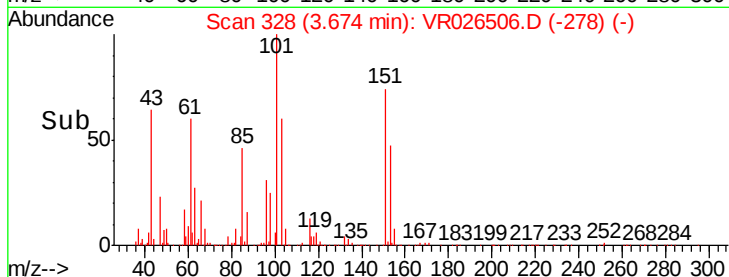
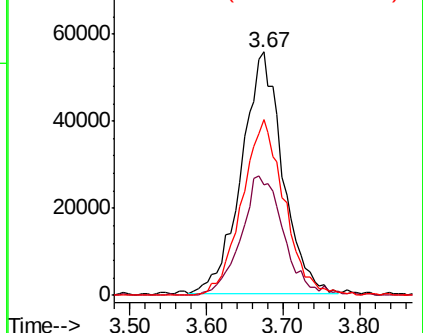
151 75.5 59.7 89.5



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: 5.241 ug/L

RT: 3.63 min Scan# 321

Delta R.T. 0.01 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

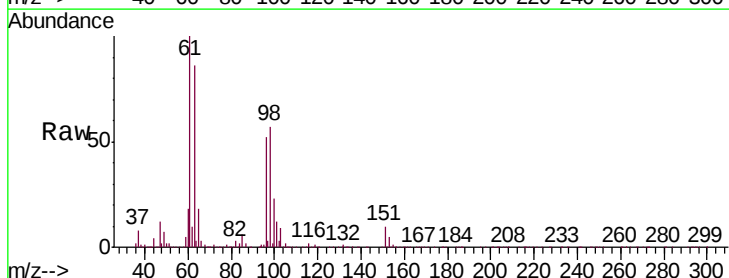
Tgt Ion: 96 Resp: 243906

Ion Ratio Lower Upper

96 100

61 193.0 142.7 264.9

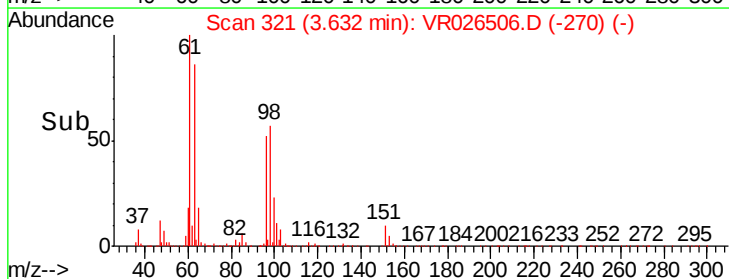
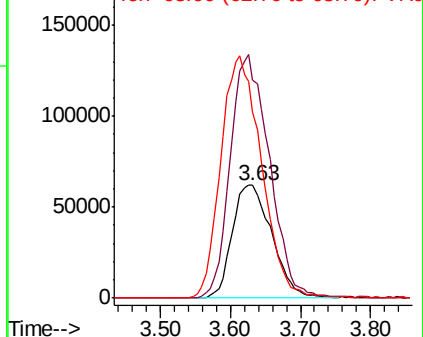
63 165.3 116.9 217.1

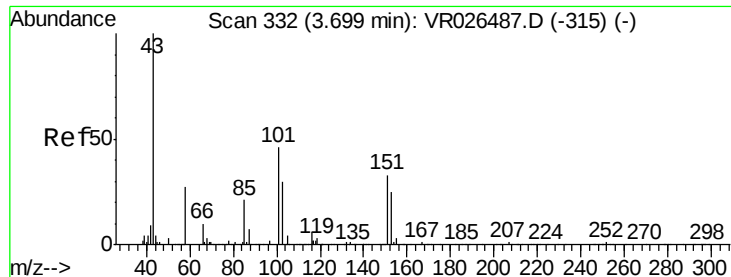


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0





#13

Acetone

Concen: 57.402 ug/L

RT: 3.69 min Scan# 331

Delta R.T. -0.01 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

Instrument :

MSVOA_R

ClientSampleId :

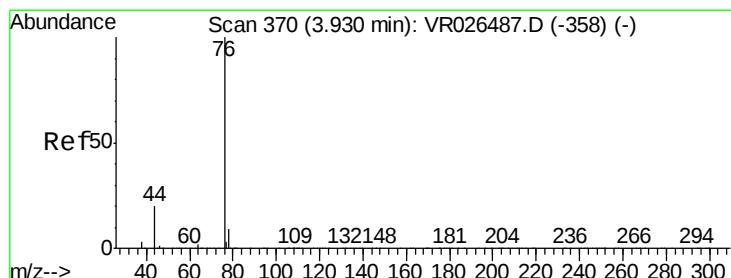
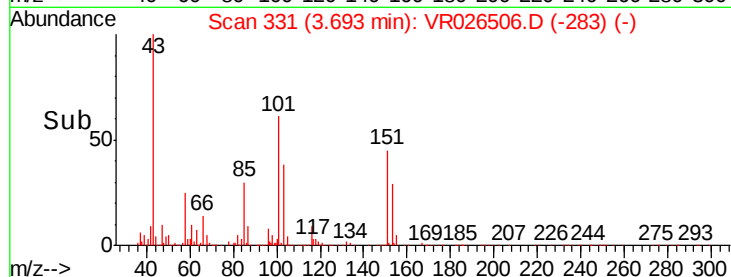
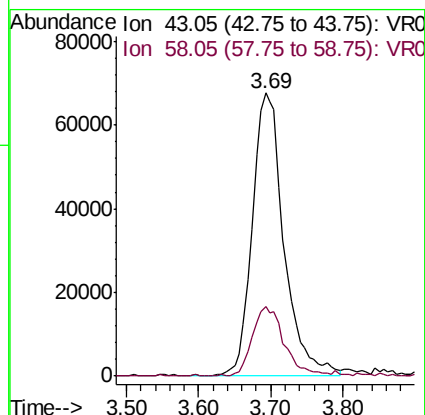
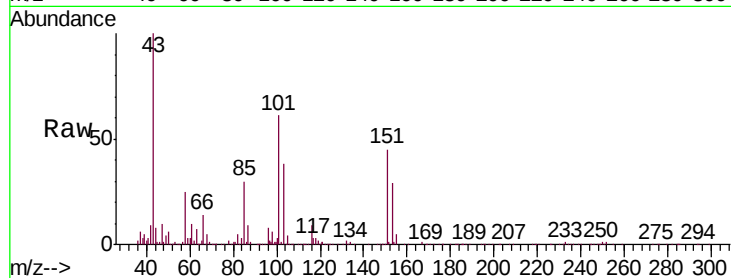
VSTD00563

Tgt Ion: 43 Resp: 206208

Ion Ratio Lower Upper

43 100

58 24.2 0.0 53.8



#14

Carbon disulfide

Concen: 4.666 ug/L

RT: 3.93 min Scan# 370

Delta R.T. 0.00 min

Lab File: VR026506.D

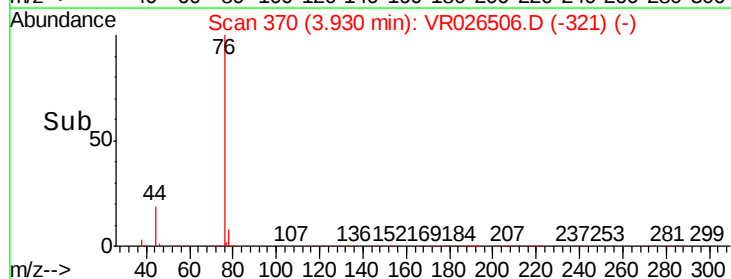
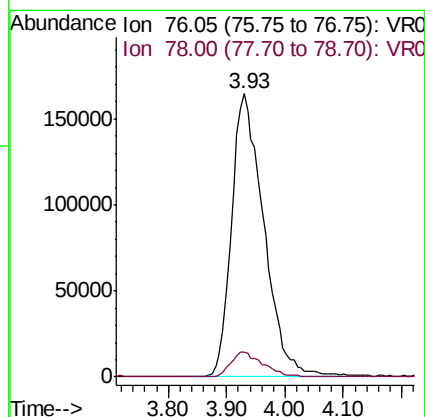
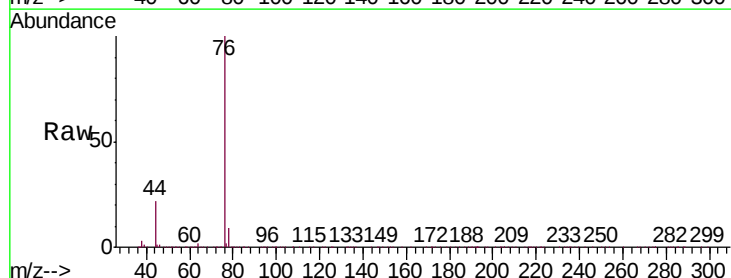
Acq: 7 Apr 2019 20:17

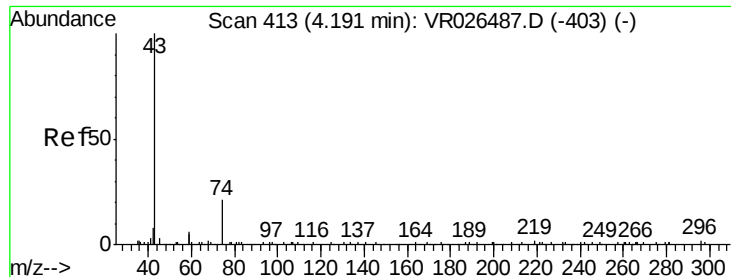
Tgt Ion: 76 Resp: 630291

Ion Ratio Lower Upper

76 100

78 8.8 7.7 11.5





#15

Methyl Acetate

Concen: 5.711 ug/L

RT: 4.19 min Scan# 412

Delta R.T. -0.01 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

Instrument :

MSVOA_R

ClientSampleId :

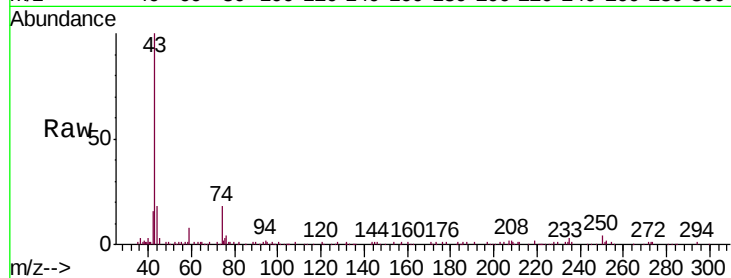
VSTD00563

Tgt Ion: 43 Resp: 55353

Ion Ratio Lower Upper

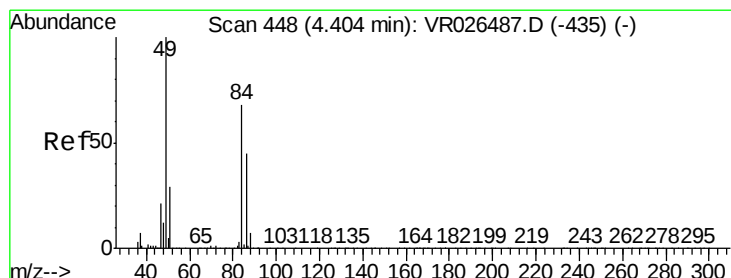
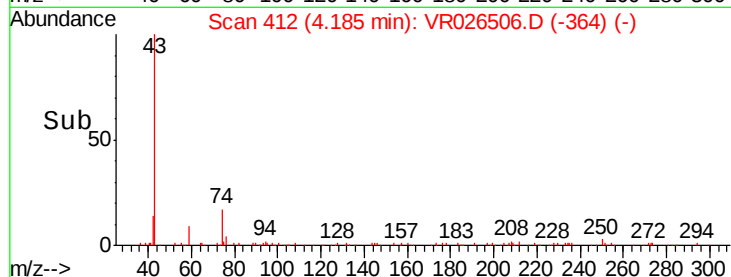
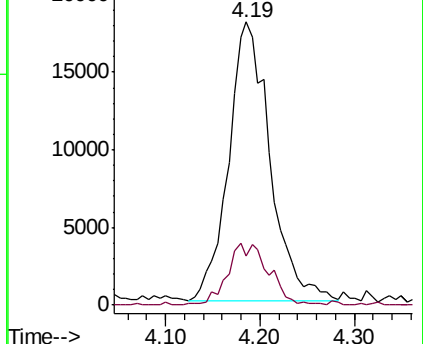
43 100

74 21.7 17.5 26.3



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0



#16

Methylene chloride

Concen: 5.011 ug/L

RT: 4.40 min Scan# 447

Delta R.T. -0.01 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

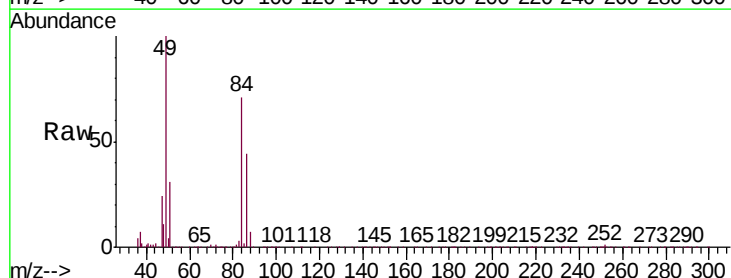
Tgt Ion: 84 Resp: 207320

Ion Ratio Lower Upper

84 100

86 61.7 45.6 84.6

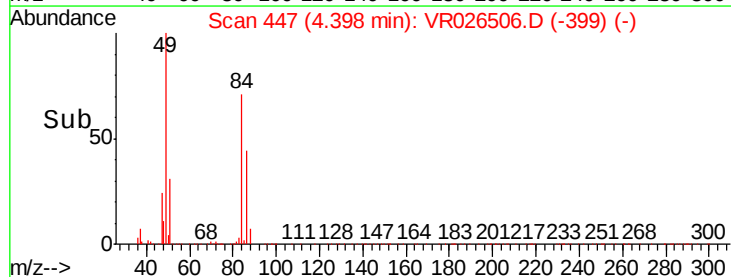
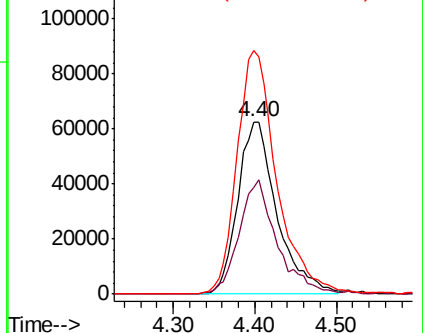
49 141.2 106.5 197.9

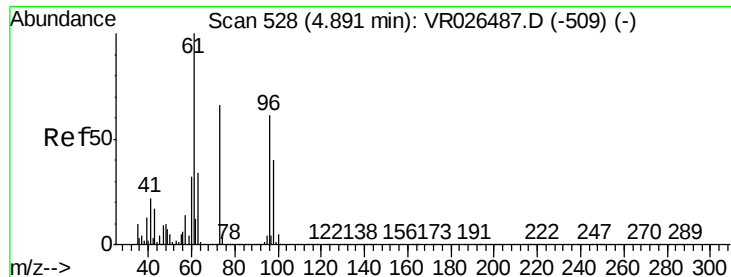


Abundance Ion 84.05 (83.75 to 84.75): VR0

Ion 86.00 (85.70 to 86.70): VR0

Ion 49.10 (48.80 to 49.80): VR0





#17

Methyl tert-butyl Ether

Concen: 4.836 ug/L

RT: 4.88 min Scan# 527

Delta R.T. -0.01 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

Instrument :

MSVOA_R

ClientSampleId :

VSTD00563

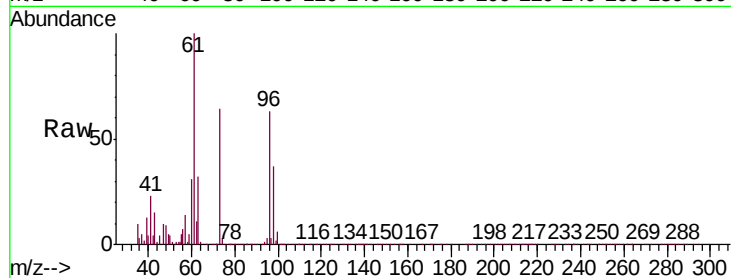
Tgt Ion: 73 Resp: 255970

Ion Ratio Lower Upper

73 100

43 24.6 19.8 29.8

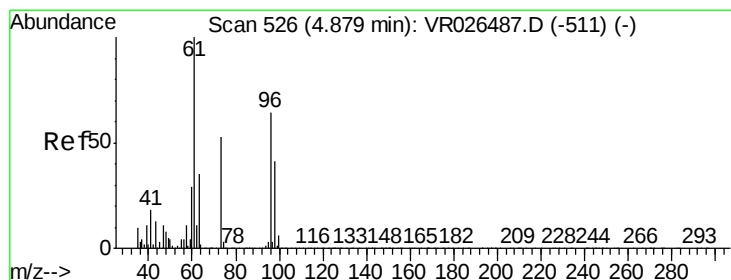
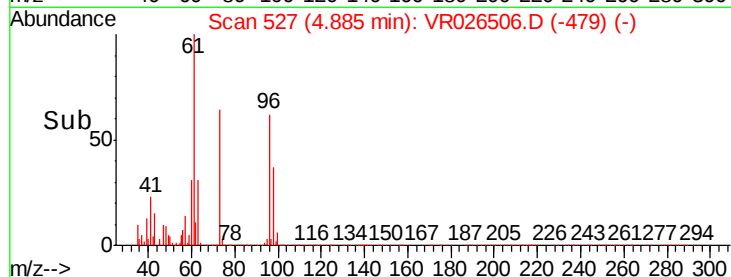
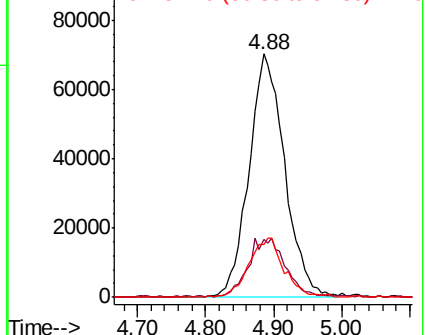
57 24.4 18.9 28.3



Abundance Ion 73.10 (72.80 to 73.80): VR0

Ion 43.05 (42.75 to 43.75): VR0

Ion 57.10 (56.80 to 57.80): VR0



#18

trans-1,2-Dichloroethene

Concen: 5.125 ug/L

RT: 4.88 min Scan# 526

Delta R.T. 0.00 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

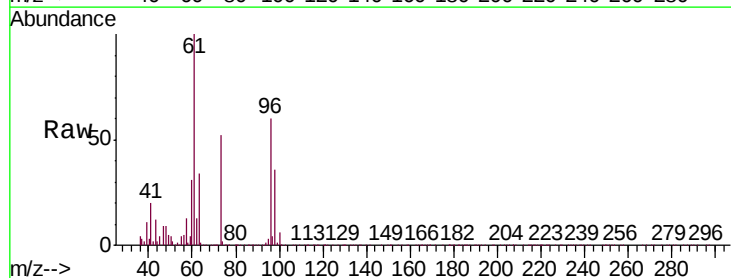
Tgt Ion: 96 Resp: 225061

Ion Ratio Lower Upper

96 100

61 167.1 122.9 228.3

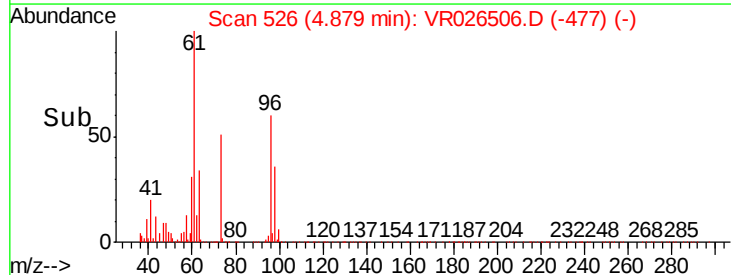
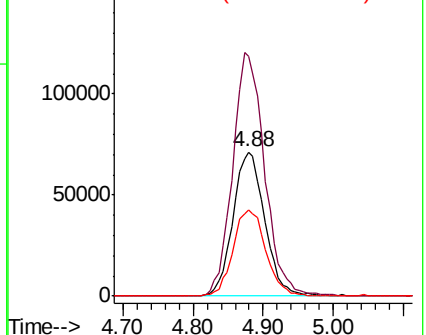
98 59.6 45.2 84.0

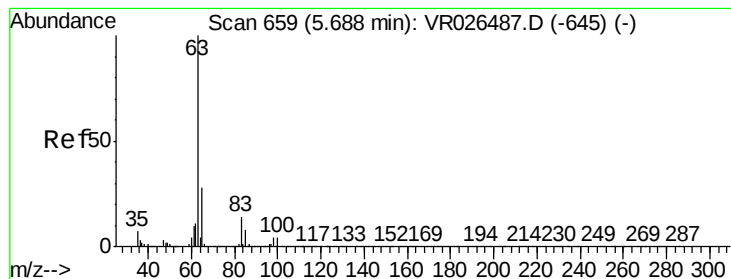


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 97.95 (97.65 to 98.65): VR0





#19

1,1-Dichloroethane

Concen: 5.161 ug/L

RT: 5.69 min Scan# 659

Delta R.T. 0.00 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

Instrument :

MSVOA_R

ClientSampleId :

VSTD00563

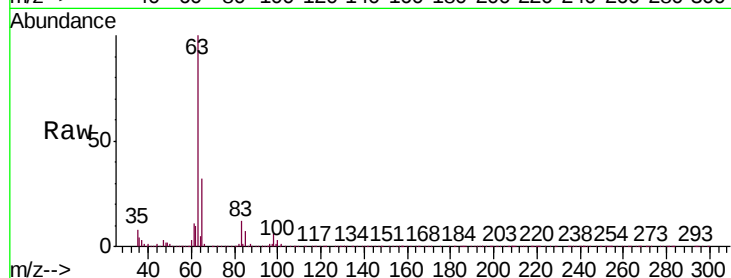
Tgt Ion: 63 Resp: 421130

Ion Ratio Lower Upper

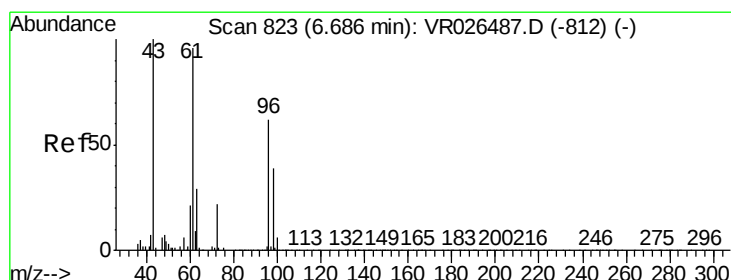
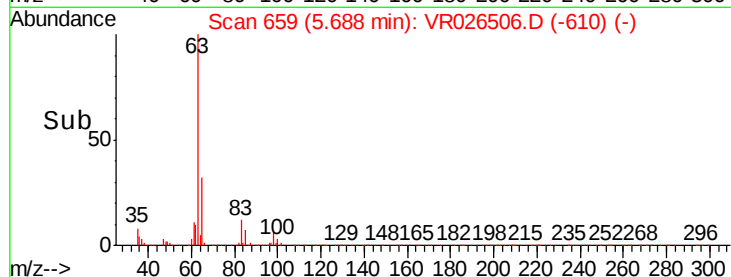
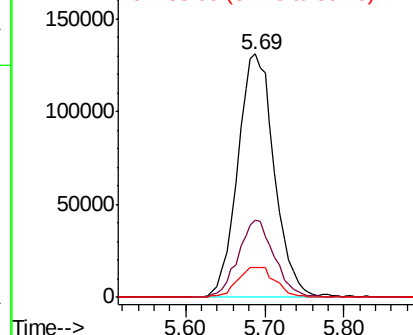
63 100

65 31.8 22.0 40.8

83 12.4 8.2 15.2



Abundance Ion 63.10 (62.80 to 63.80): VR0
Ion 65.10 (64.80 to 65.80): VR0
Ion 83.05 (82.75 to 83.75): VR0



#21

2-Butanone

Concen: 64.556 ug/L

RT: 6.69 min Scan# 823

Delta R.T. 0.00 min

Lab File: VR026506.D

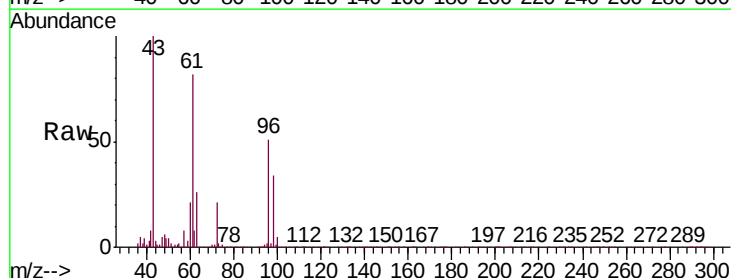
Acq: 7 Apr 2019 20:17

Tgt Ion: 43 Resp: 298169

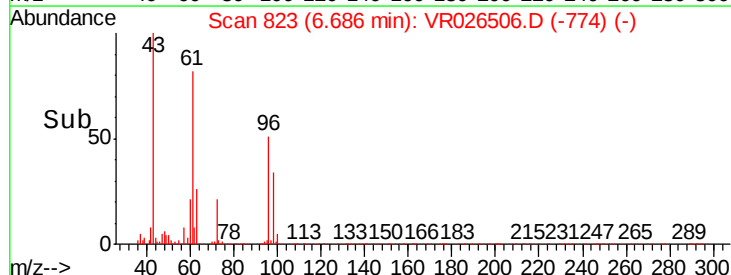
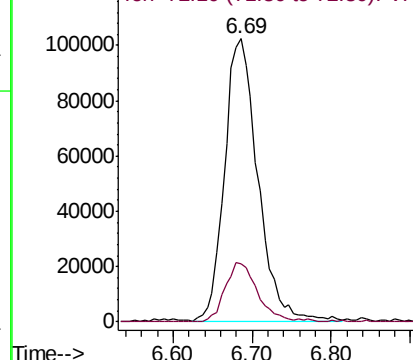
Ion Ratio Lower Upper

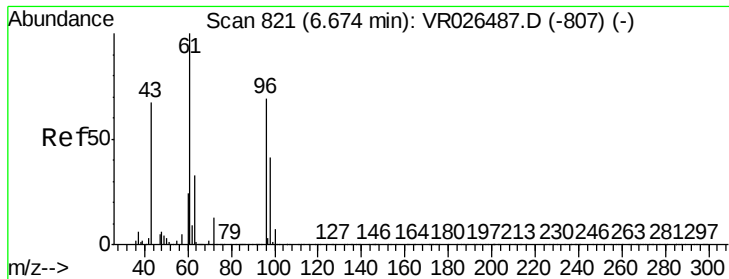
43 100

72 20.7 11.1 33.3



Abundance Ion 43.05 (42.75 to 43.75): VR0
Ion 72.10 (71.80 to 72.80): VR0



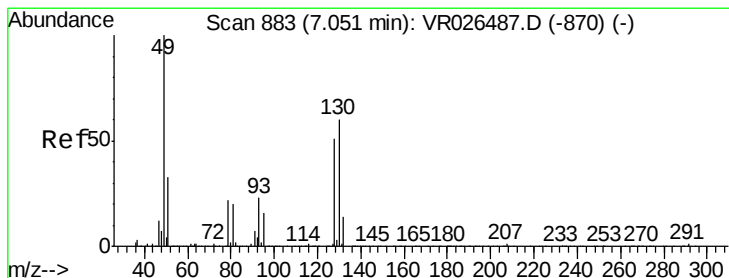
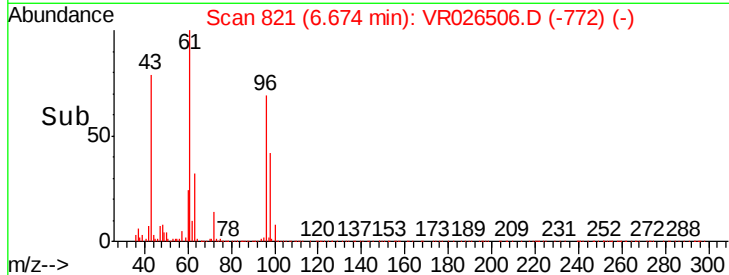
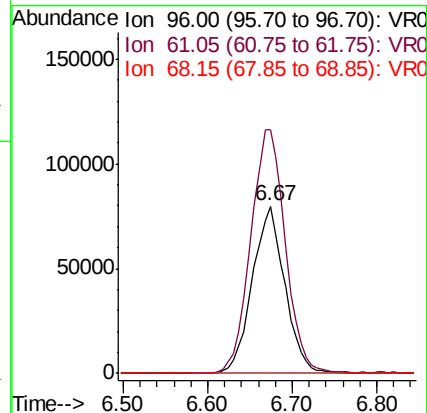
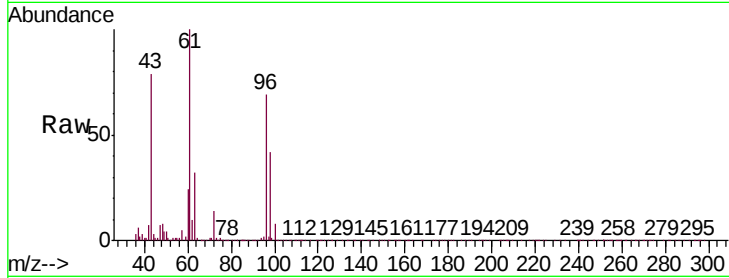


#22

cis-1,2-Dichloroethene
Concen: 5.702 ug/L
RT: 6.67 min Scan# 821
Delta R.T. 0.00 min
Lab File: VR026506.D
Acq: 7 Apr 2019 20:17

Instrument :
MSVOA_R
ClientSampleId :
VSTD00563

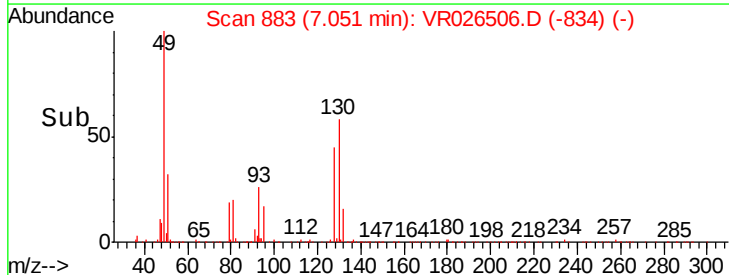
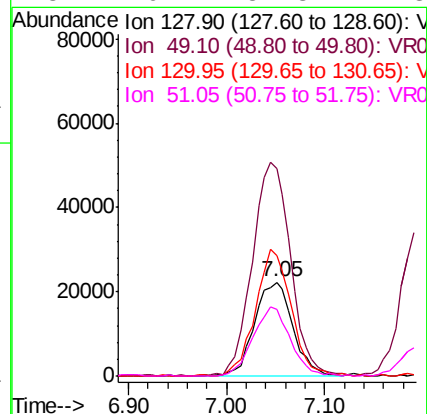
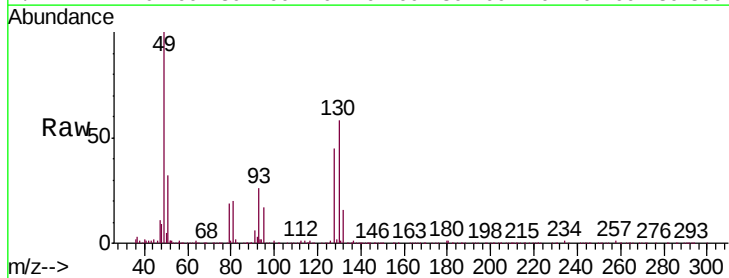
Tgt Ion: 96 Resp: 208264
Ion Ratio Lower Upper
96 100
61 145.6 115.0 213.6
68 0.1 0.0 0.0#

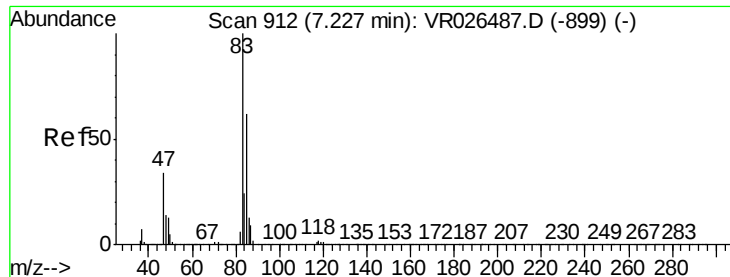


#23

Bromochloromethane
Concen: 5.320 ug/L
RT: 7.05 min Scan# 883
Delta R.T. 0.00 min
Lab File: VR026506.D
Acq: 7 Apr 2019 20:17

Tgt Ion: 128 Resp: 60536
Ion Ratio Lower Upper
128 100
49 221.0 158.3 293.9
130 128.3 90.0 167.2
51 70.7 51.8 77.8

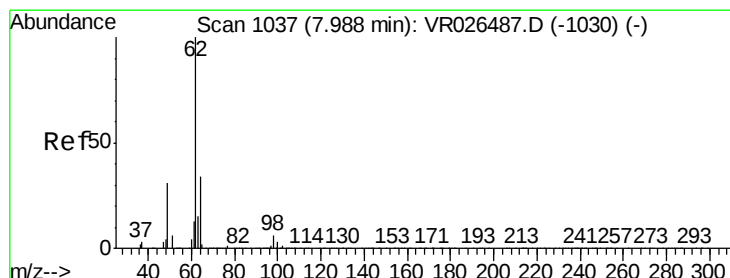
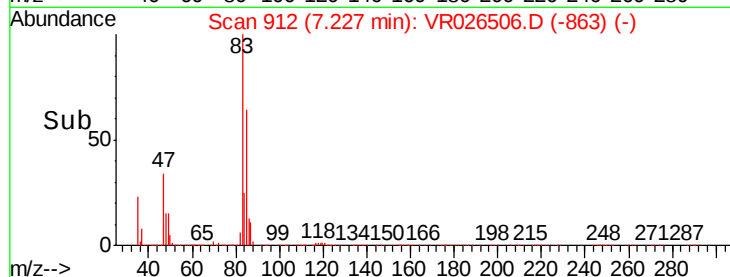
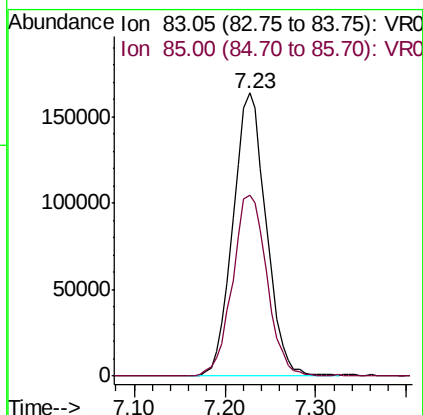
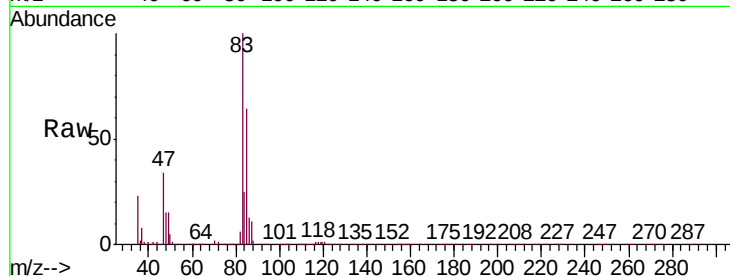




#25
Chloroform
Concen: 5.312 ug/L
RT: 7.23 min Scan# 912
Delta R.T. 0.00 min
Lab File: VR026506.D
Acq: 7 Apr 2019 20:17

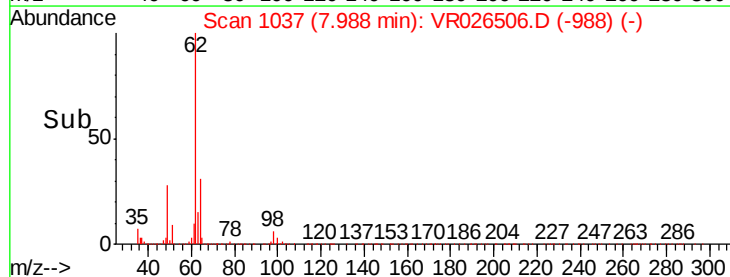
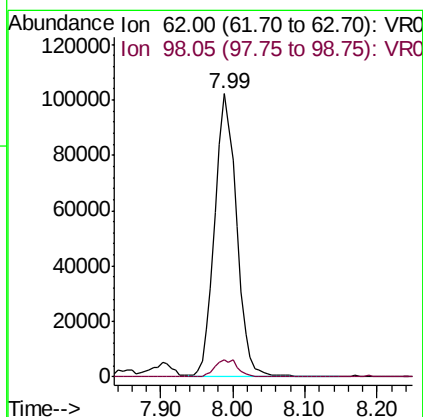
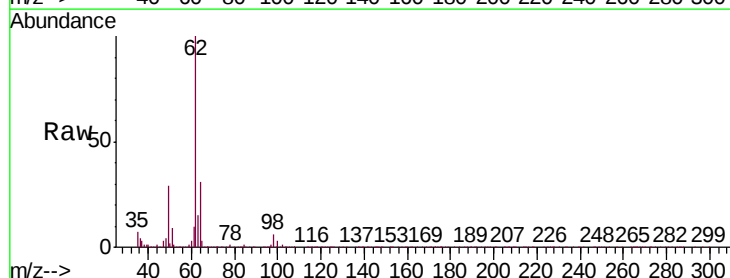
Instrument :
MSVOA_R
ClientSampleId :
VSTD00563

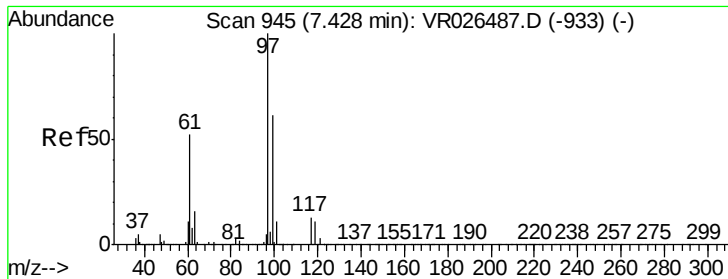
Tgt Ion: 83 Resp: 414704
Ion Ratio Lower Upper
83 100
85 64.1 44.2 82.0



#27
1,2-Dichloroethane
Concen: 5.541 ug/L
RT: 7.99 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VR026506.D
Acq: 7 Apr 2019 20:17

Tgt Ion: 62 Resp: 215745
Ion Ratio Lower Upper
62 100
98 6.3 4.8 7.2

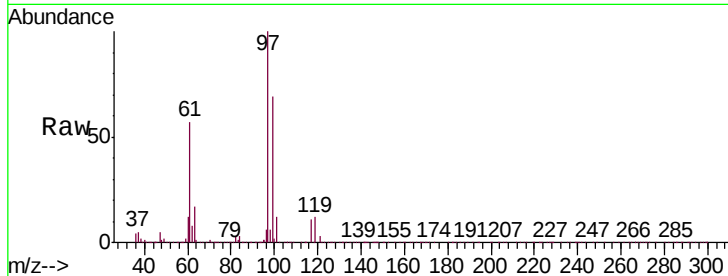




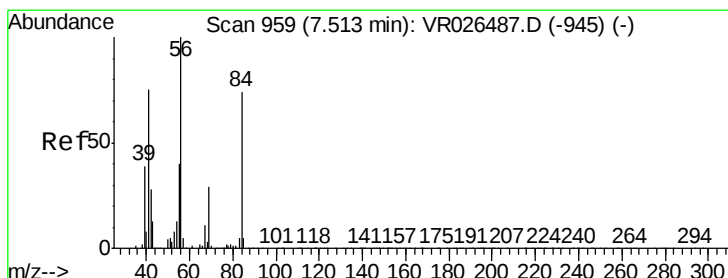
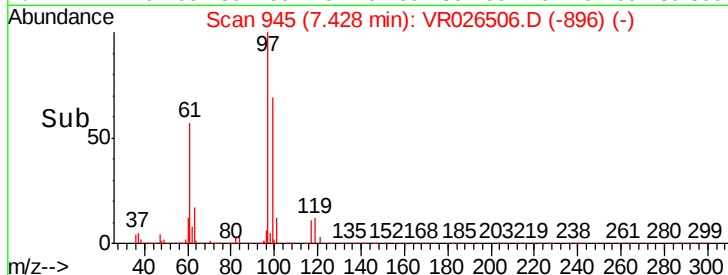
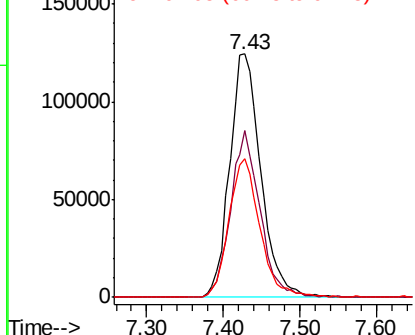
#29
1,1,1-Trichloroethane
Concen: 4.866 ug/L
RT: 7.43 min Scan# 945
Delta R.T. 0.00 min
Lab File: VR026506.D
Acq: 7 Apr 2019 20:17

Instrument :
MSVOA_R
ClientSampleId :
VSTD00563

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	49.6	74.4
61	56.6	41.8	62.6

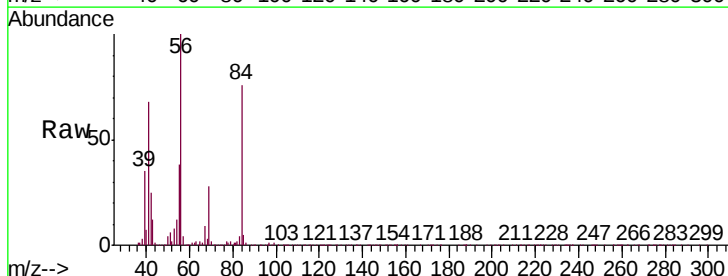


Abundance Ion 96.95 (96.65 to 97.65): VR0
Ion 99.05 (98.75 to 99.75): VR0
Ion 61.05 (60.75 to 61.75): VR0

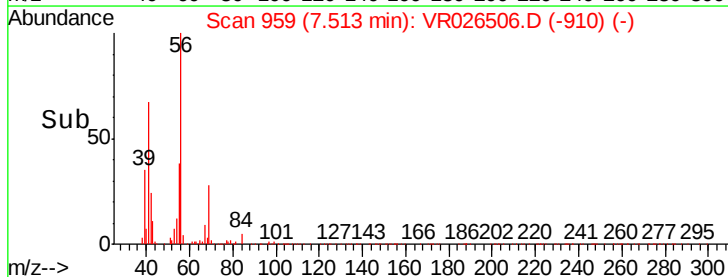
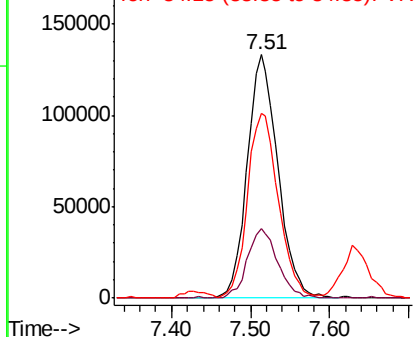


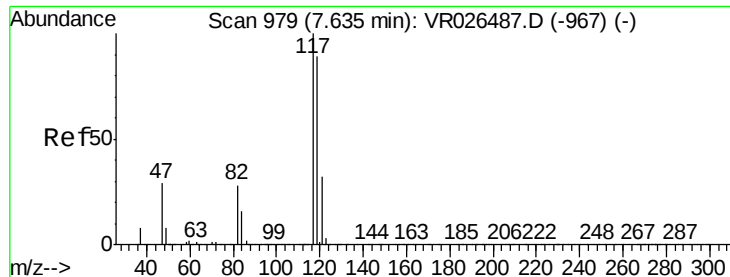
#30
Cyclohexane
Concen: 5.349 ug/L
RT: 7.51 min Scan# 959
Delta R.T. 0.00 min
Lab File: VR026506.D
Acq: 7 Apr 2019 20:17

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.3	22.6	33.8
84	77.1	59.6	89.4



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: 5.128 ug/L

RT: 7.63 min Scan# 979

Delta R.T. 0.00 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

Instrument :

MSVOA_R

ClientSampleId :

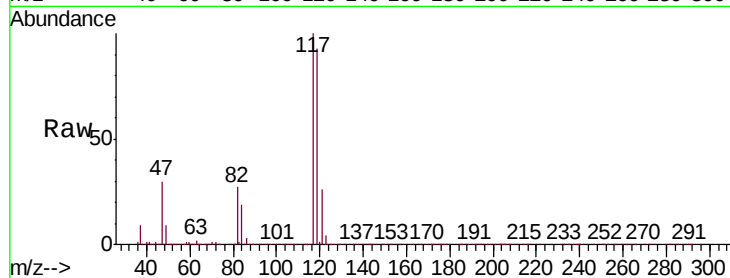
VSTD00563

Tgt Ion:117 Resp: 349509

Ion Ratio Lower Upper

117 100

119 93.3 75.9 113.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

7.63

150000

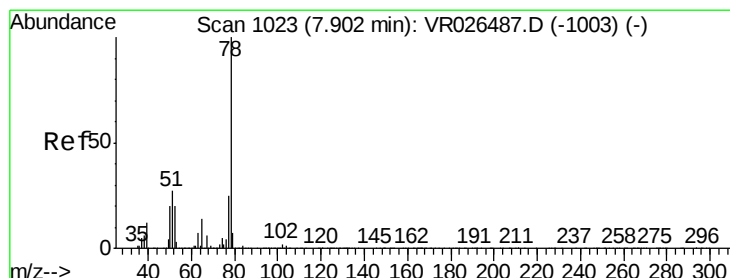
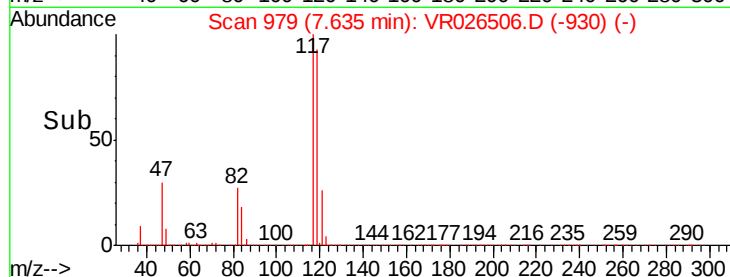
100000

50000

0

Time-->

7.50 7.60 7.70



#33

Benzene

Concen: 5.496 ug/L

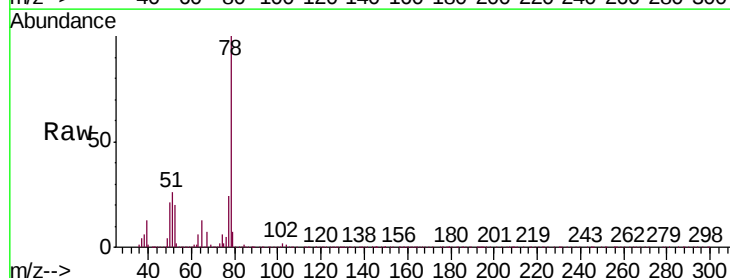
RT: 7.90 min Scan# 1023

Delta R.T. 0.00 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

Tgt Ion: 78 Resp: 936204



Abundance Ion 78.10 (77.80 to 78.80): VR0

500000

400000

300000

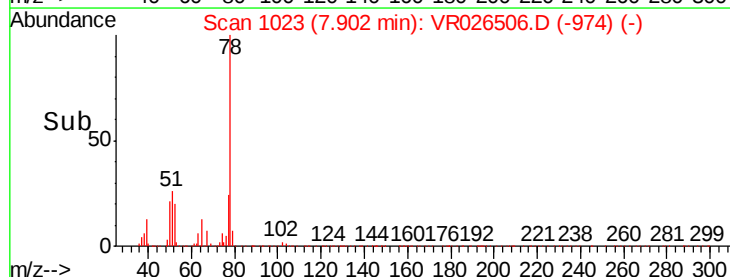
200000

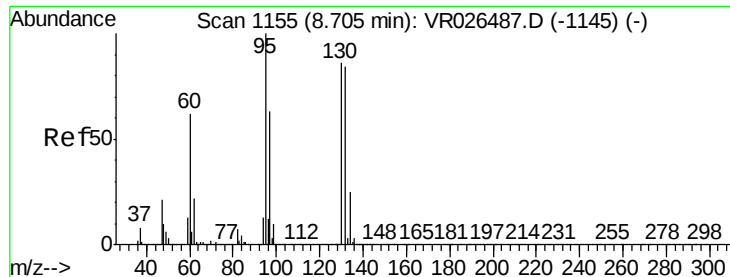
100000

0

Time-->

7.80 7.90 8.00

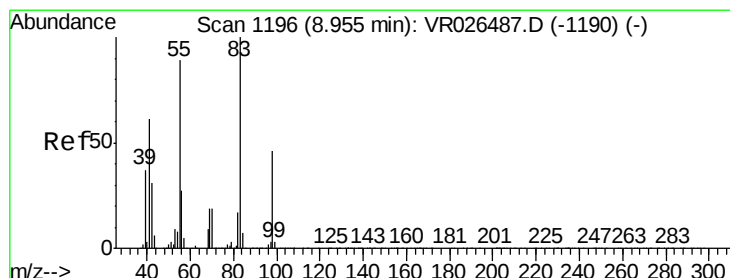
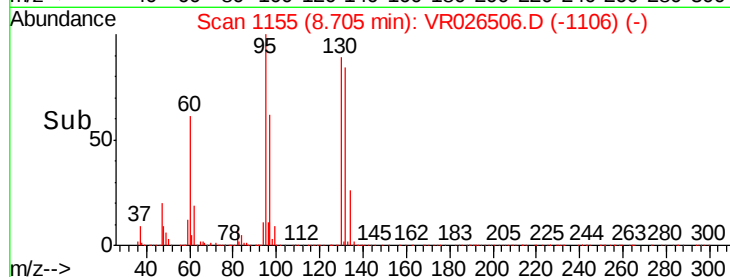
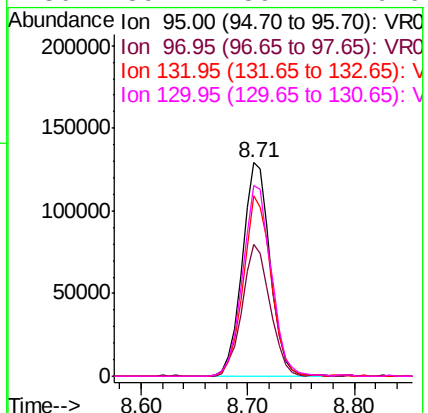
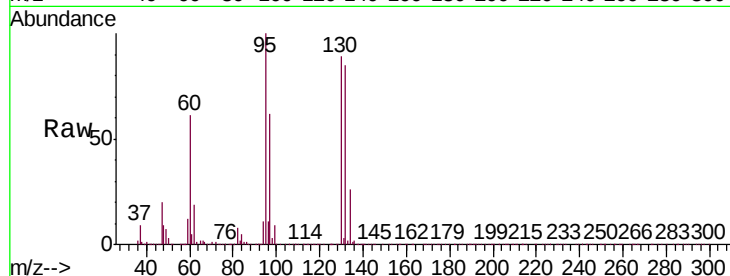




#34
 Trichloroethene
 Concen: 5.196 ug/L
 RT: 8.71 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VR026506.D
 Acq: 7 Apr 2019 20:17

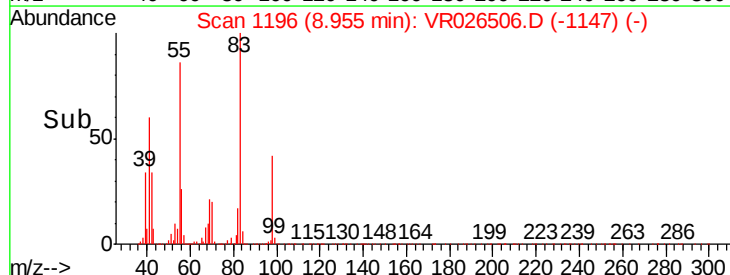
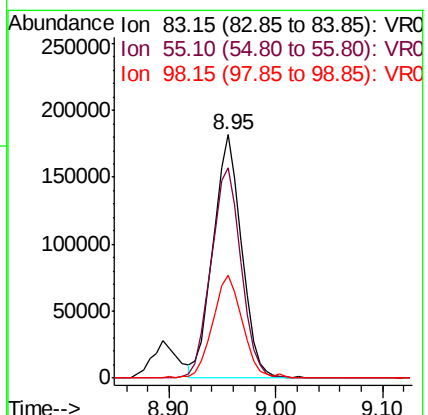
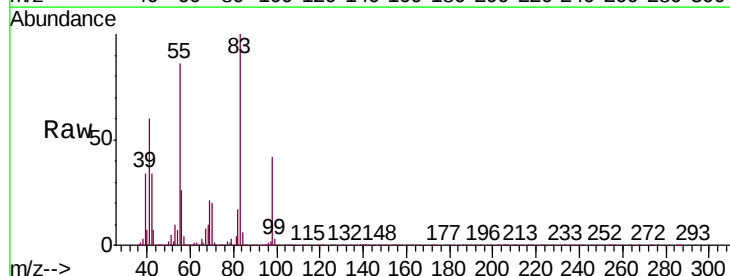
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00563

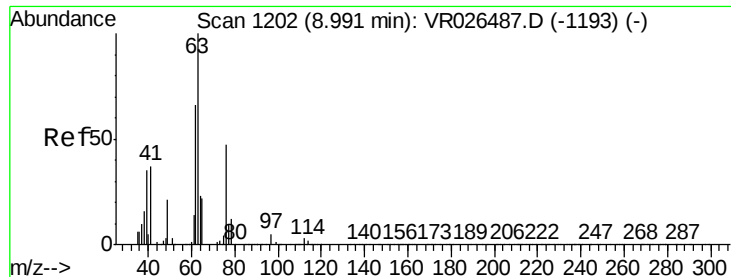
Tgt Ion:	95	Resp:	237105
Ion	Ratio	Lower	Upper
95	100		
97	62.0	43.8	81.3
132	84.6	57.2	106.2
130	89.1	59.7	110.9



#35
 Methylcyclohexane
 Concen: 5.153 ug/L
 RT: 8.95 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: VR026506.D
 Acq: 7 Apr 2019 20:17

Tgt Ion:	83	Resp:	335349
Ion	Ratio	Lower	Upper
83	100		
55	91.2	73.8	110.6
98	43.5	34.6	51.8

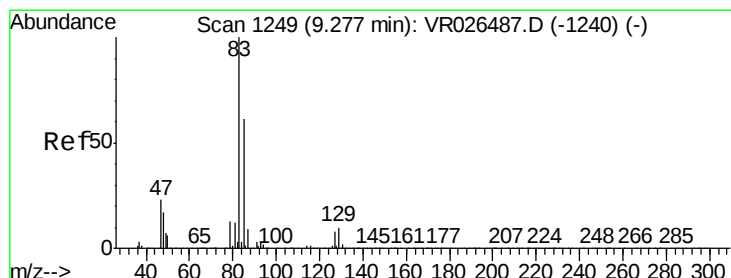
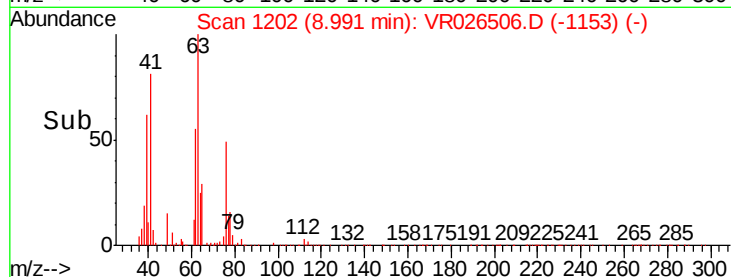
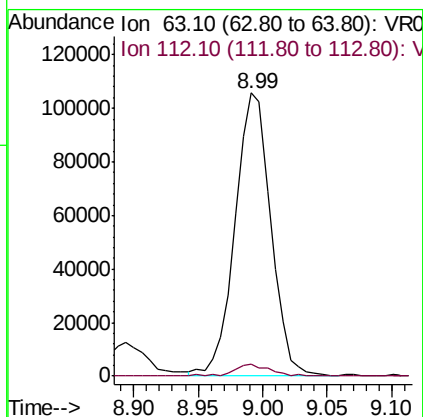
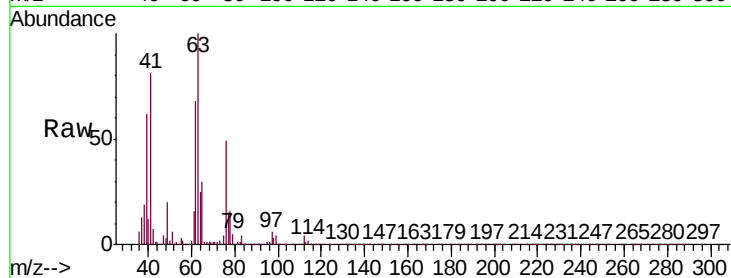




#37
 1,2-Dichloropropane
 Concen: 5.415 ug/L
 RT: 8.99 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VR026506.D
 Acq: 7 Apr 2019 20:17

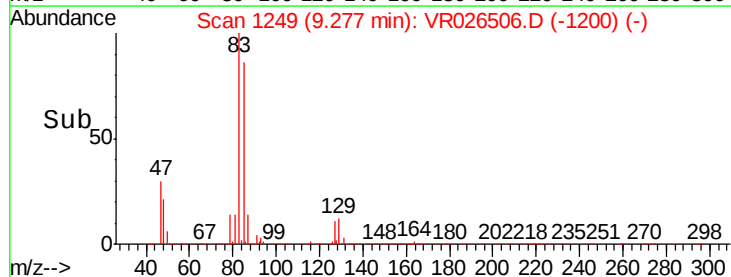
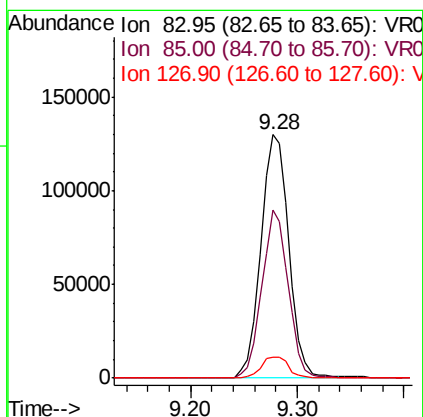
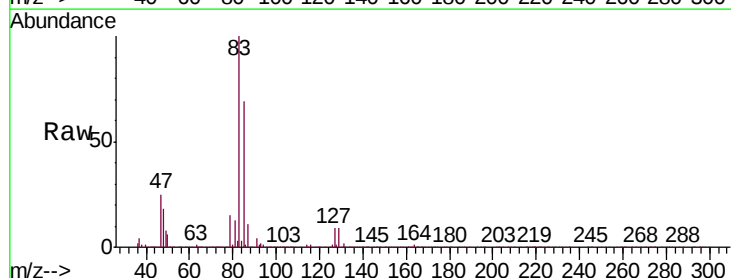
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00563

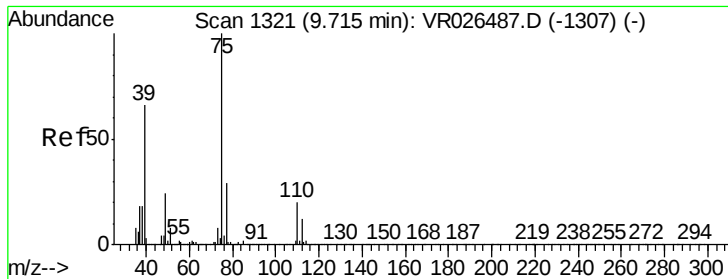
Tgt Ion: 63 Resp: 202128
 Ion Ratio Lower Upper
 63 100
 112 4.5 2.8 4.2#



#38
 Bromodichloromethane
 Concen: 5.516 ug/L
 RT: 9.28 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: VR026506.D
 Acq: 7 Apr 2019 20:17

Tgt Ion: 83 Resp: 237960
 Ion Ratio Lower Upper
 83 100
 85 69.0 46.6 86.6
 127 8.7 5.6 8.4#





#39

cis-1,3-Dichloropropene

Concen: 5.484 ug/L

RT: 9.72 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

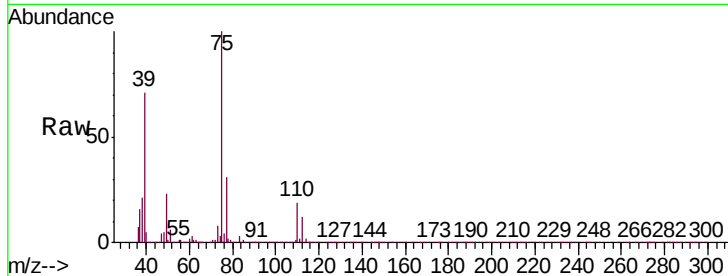
Instrument :
MSVOA_R
ClientSampleId :
VSTD00563

Tgt Ion: 75 Resp: 222226

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.5



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0

150000

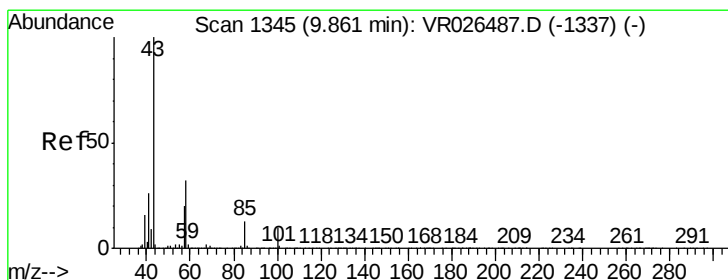
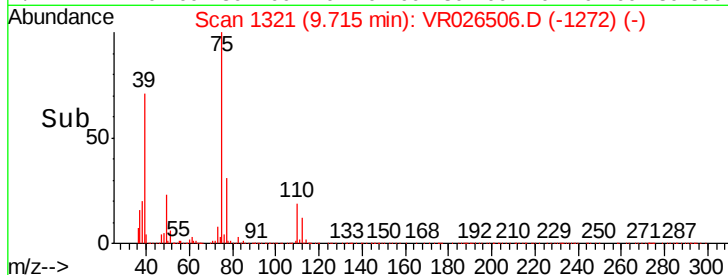
100000

50000

0

9.60 9.65 9.70 9.75 9.80

Time-->



#40

4-Methyl-2-pentanone

Concen: 69.246 ug/L

RT: 9.86 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

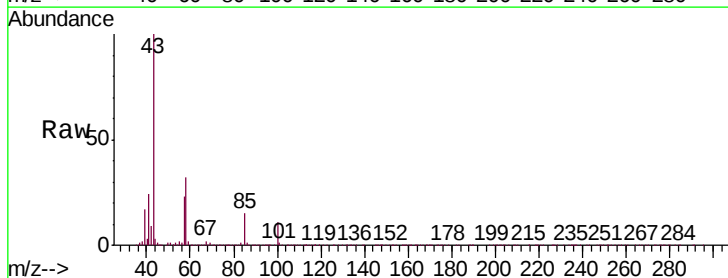
Tgt Ion: 43 Resp: 757462

Ion Ratio Lower Upper

43 100

58 32.4 27.0 40.4

100 10.2 8.9 13.3



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 100.15 (99.85 to 100.85): VR0

600000

500000

400000

300000

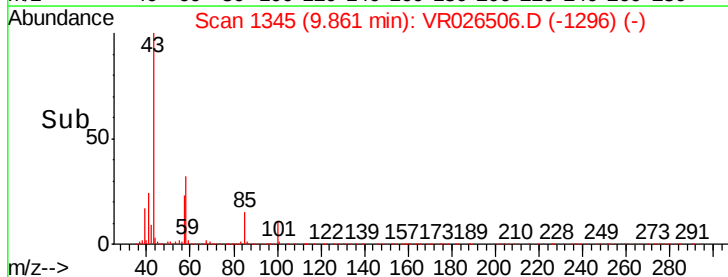
200000

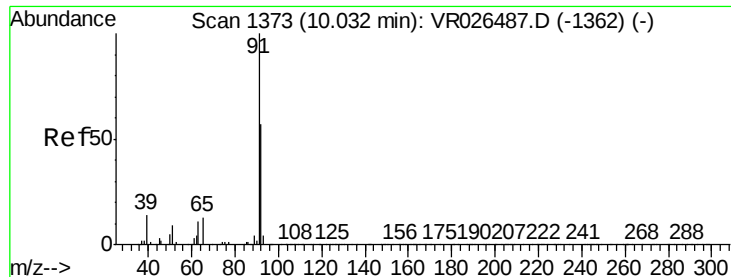
100000

0

9.80 9.90

Time-->





#42

Toluene

Concen: 5.645 ug/L

RT: 10.03 min Scan# 1373

Delta R.T. 0.00 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

Instrument :

MSVOA_R

ClientSampleId :

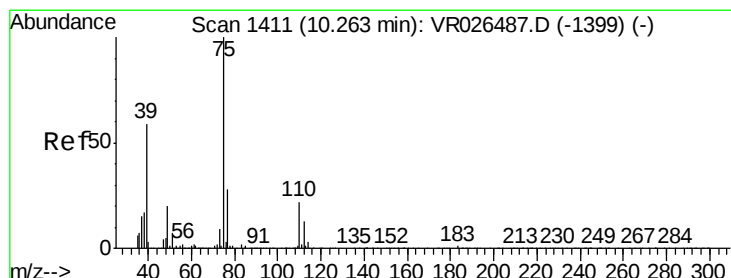
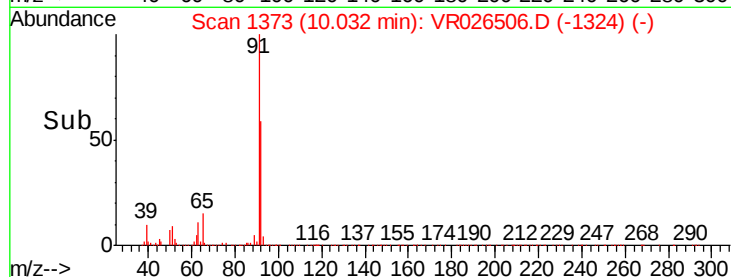
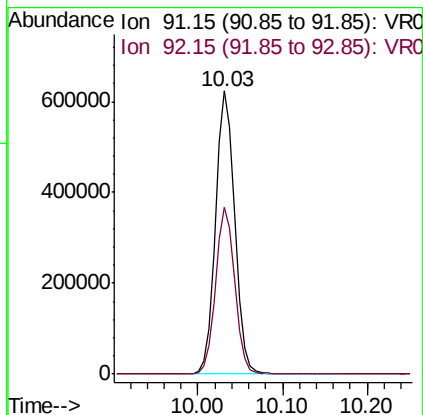
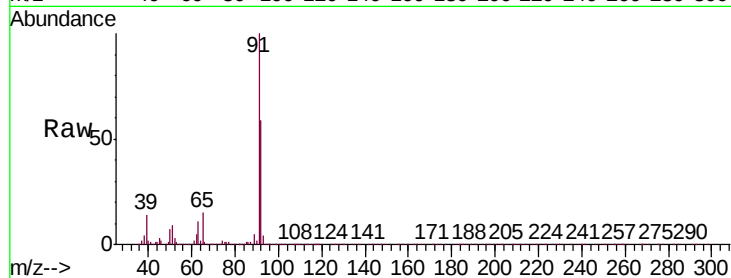
VSTD00563

Tgt Ion: 91 Resp: 985530

Ion Ratio Lower Upper

91 100

92 58.8 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 5.332 ug/L

RT: 10.26 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VR026506.D

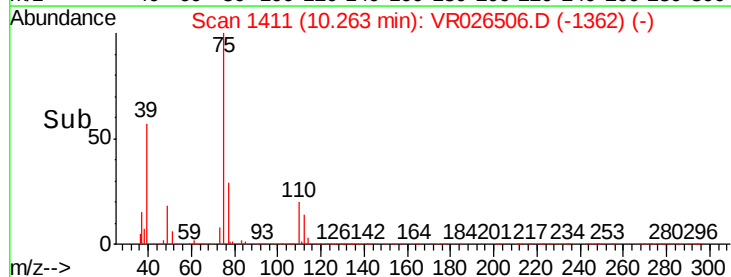
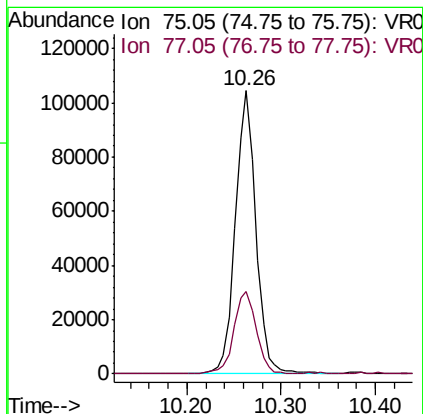
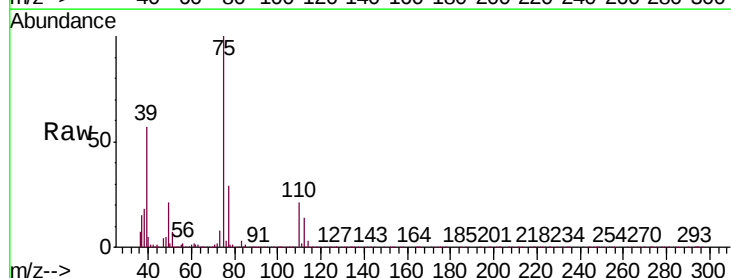
Acq: 7 Apr 2019 20:17

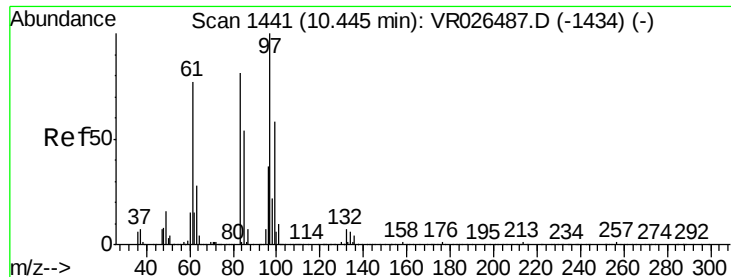
Tgt Ion: 75 Resp: 157598

Ion Ratio Lower Upper

75 100

77 29.0 22.7 42.1

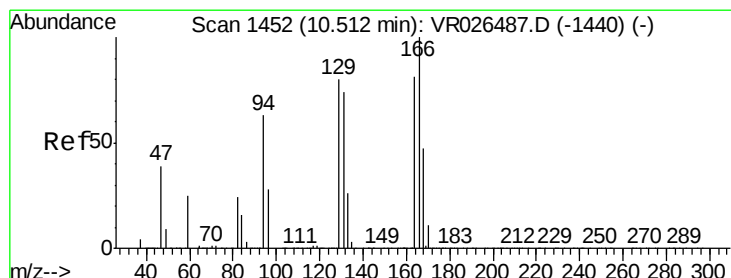
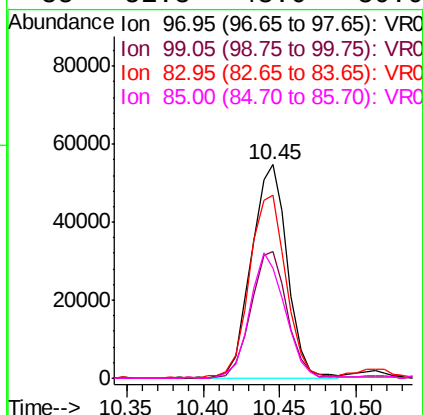
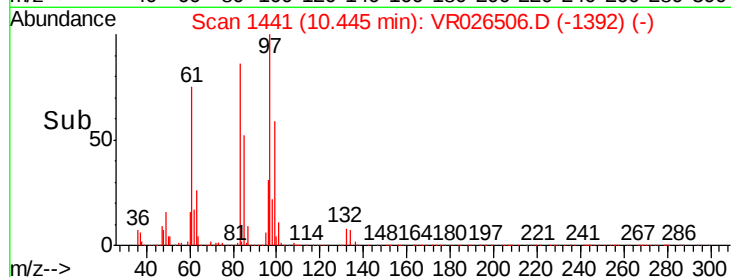
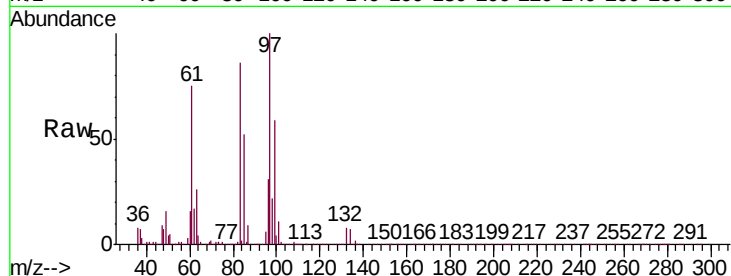




#45
 1,1,2-Trichloroethane
 Concen: 5.912 ug/L
 RT: 10.45 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VR026506.D
 Acq: 7 Apr 2019 20:17

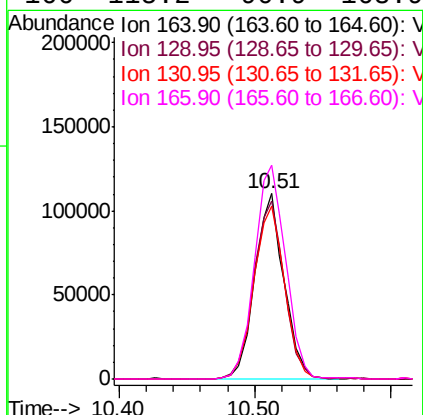
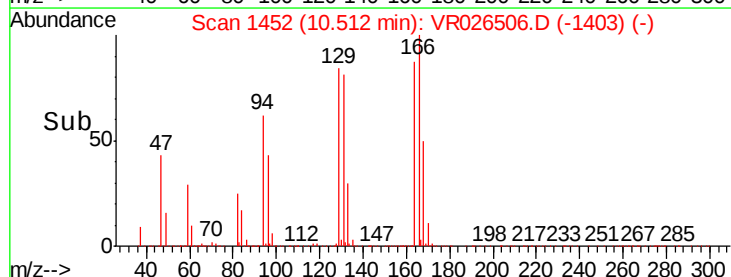
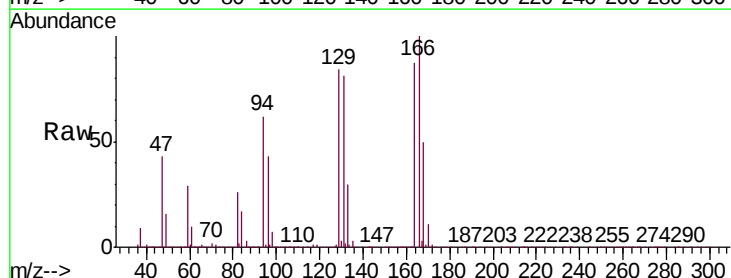
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00563

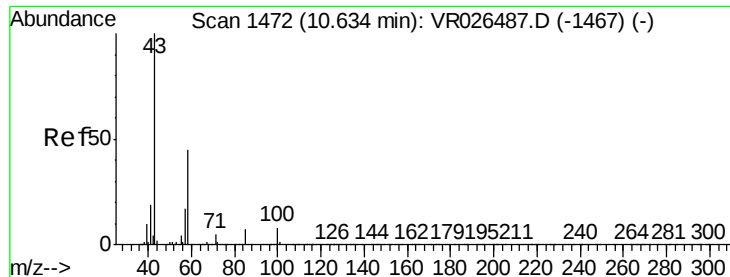
Tgt Ion:	97	Resp:	89282
Ion	Ratio	Lower	Upper
97	100		
99	59.3	41.7	77.5
83	85.9	59.5	110.5
85	51.8	43.0	80.0



#47
 Tetrachloroethene
 Concen: 5.109 ug/L
 RT: 10.51 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: VR026506.D
 Acq: 7 Apr 2019 20:17

Tgt Ion:	164	Resp:	165890
Ion	Ratio	Lower	Upper
164	100		
129	96.3	74.1	137.5
131	92.9	71.3	132.5
166	115.2	90.9	168.9

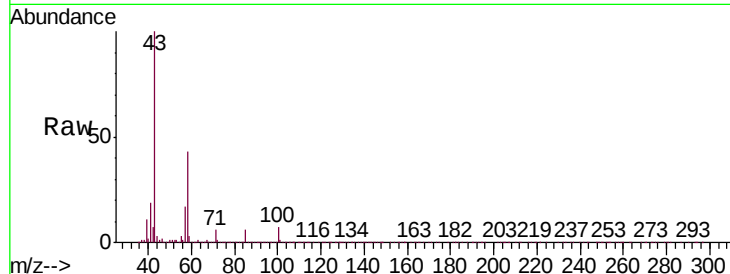




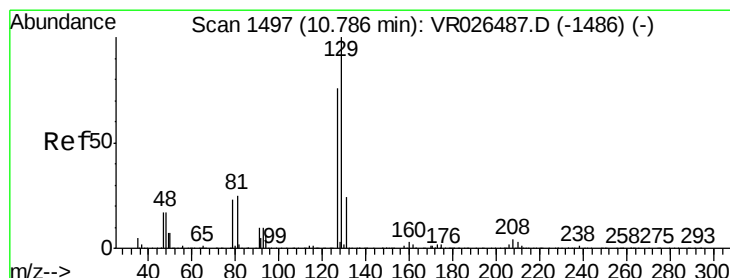
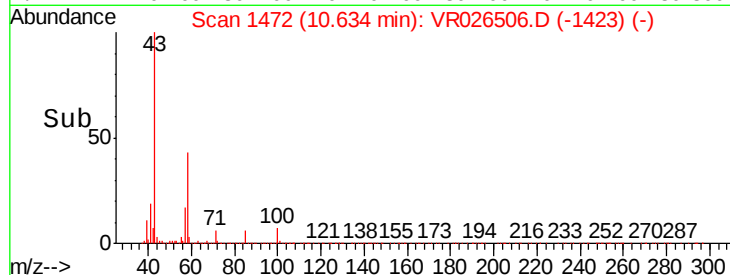
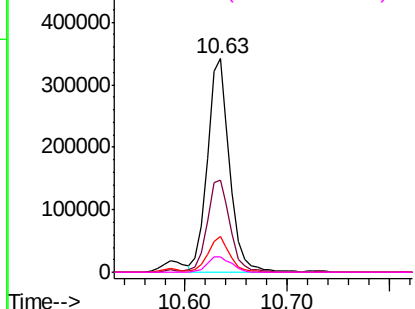
#48
2-Hexanone
Concen: 71.087 ug/L
RT: 10.63 min Scan# 1472
Delta R.T. 0.00 min
Lab File: VR026506.D
Acq: 7 Apr 2019 20:17

Instrument :
MSVOA_R
ClientSampled :
VSTD00563

Tgt Ion:	43	Resp:	517216
Ion	Ratio	Lower	Upper
43	100		
58	44.5	38.2	57.2
57	15.9	13.8	20.6
100	7.9	6.2	9.2

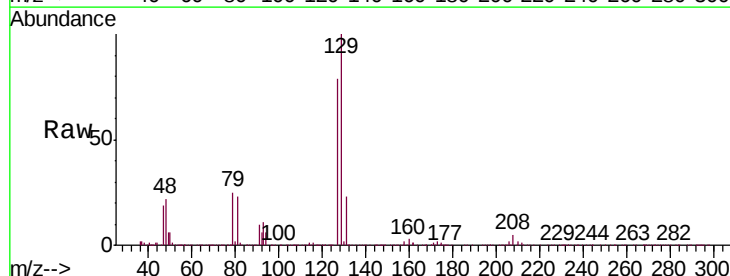


Abundance Ion 43.05 (42.75 to 43.75): VR0
Ion 58.05 (57.75 to 58.75): VR0
Ion 57.20 (56.90 to 57.90): VR0
Ion 100.15 (99.85 to 100.85): VR0

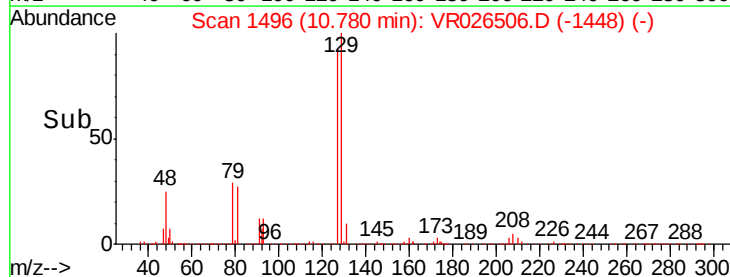
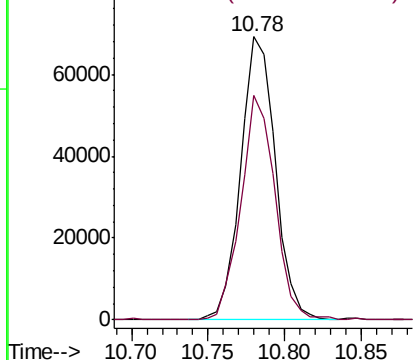


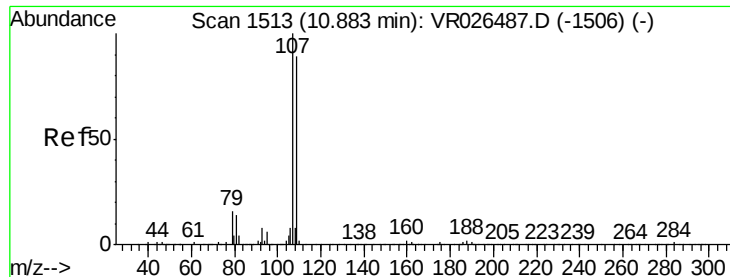
#49
Dibromochloromethane
Concen: 5.469 ug/L
RT: 10.78 min Scan# 1496
Delta R.T. -0.01 min
Lab File: VR026506.D
Acq: 7 Apr 2019 20:17

Tgt Ion:	129	Resp:	108198
Ion	Ratio	Lower	Upper
129	100		
127	79.3	50.2	93.2



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

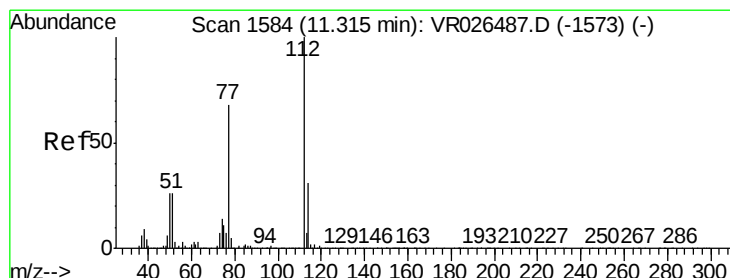
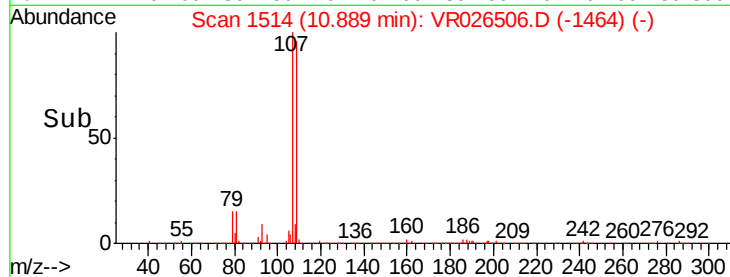
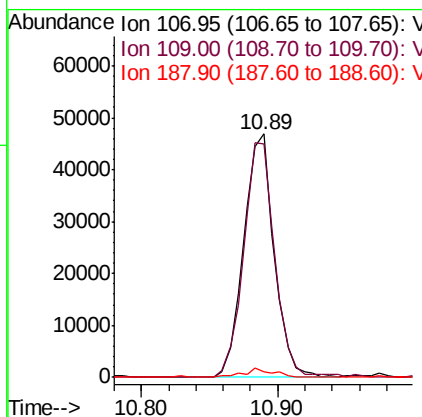
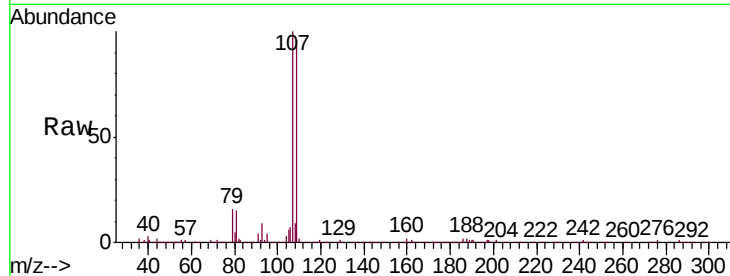




#50
1,2-Dibromoethane
Concen: 5.619 ug/L
RT: 10.89 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VR026506.D
Acq: 7 Apr 2019 20:17

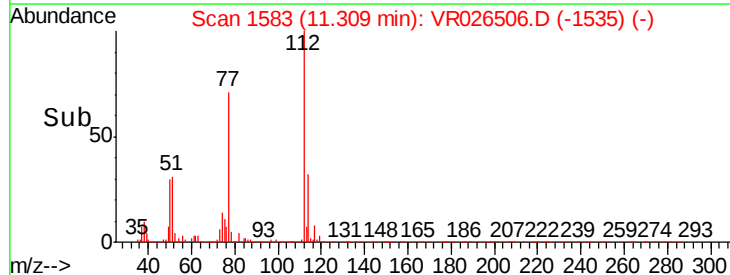
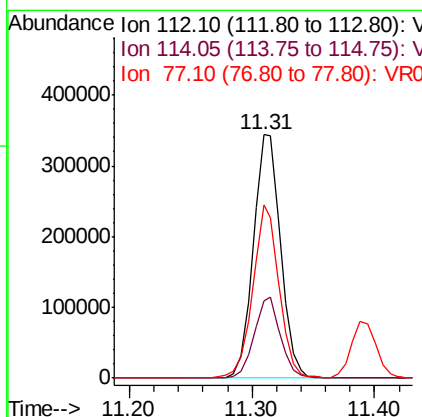
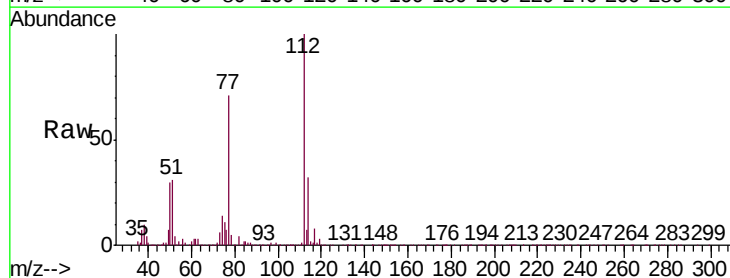
Instrument :
MSVOA_R
ClientSampleId :
VSTD00563

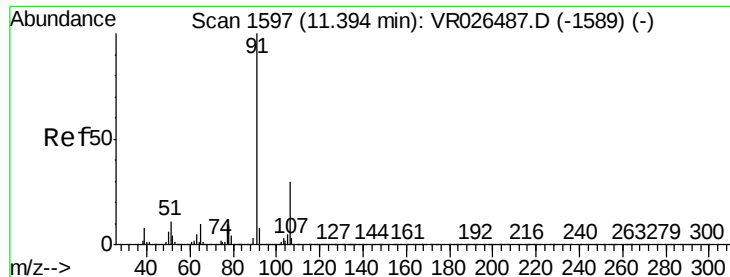
Tgt Ion:107 Resp: 72986
Ion Ratio Lower Upper
107 100
109 96.0 66.8 124.2
188 2.6 2.8 4.2#



#51
Chlorobenzene
Concen: 5.463 ug/L
RT: 11.31 min Scan# 1583
Delta R.T. -0.01 min
Lab File: VR026506.D
Acq: 7 Apr 2019 20:17

Tgt Ion:112 Resp: 535156
Ion Ratio Lower Upper
112 100
114 31.9 23.1 42.9
77 71.0 53.8 80.8





#52

Ethylbenzene

Concen: 5.701 ug/L

RT: 11.39 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

Instrument :

MSVOA_R

ClientSampleId :

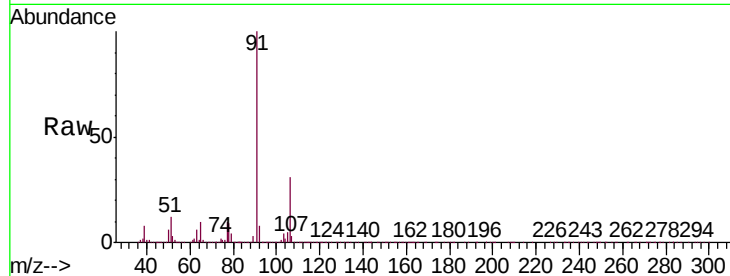
VSTD00563

Tgt Ion: 91 Resp: 1146478

Ion Ratio Lower Upper

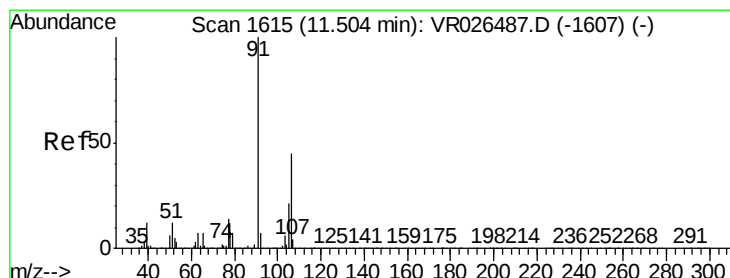
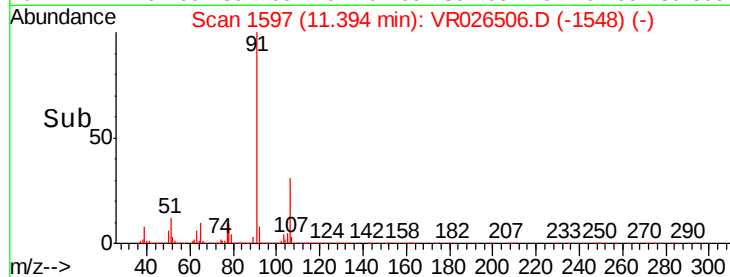
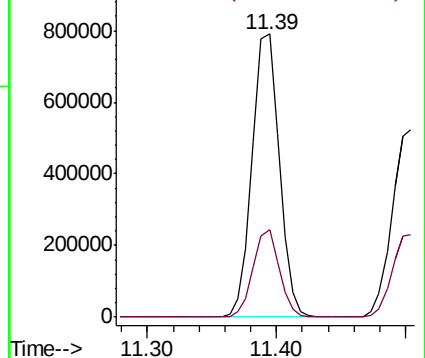
91 100

106 31.1 20.7 38.5



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 106.15 (105.85 to 106.85): V



#53

m,p-Xylene

Concen: 5.691 ug/L

RT: 11.50 min Scan# 1615

Delta R.T. 0.00 min

Lab File: VR026506.D

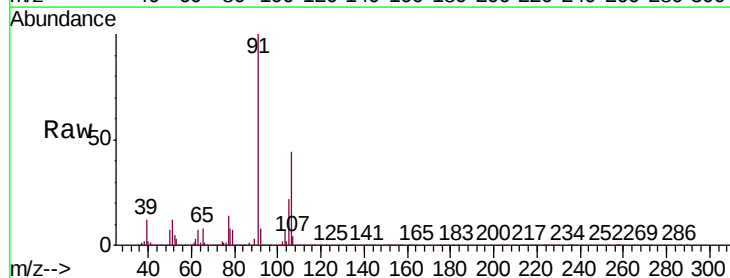
Acq: 7 Apr 2019 20:17

Tgt Ion: 106 Resp: 410169

Ion Ratio Lower Upper

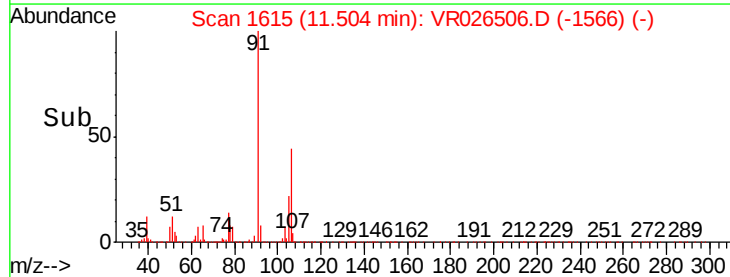
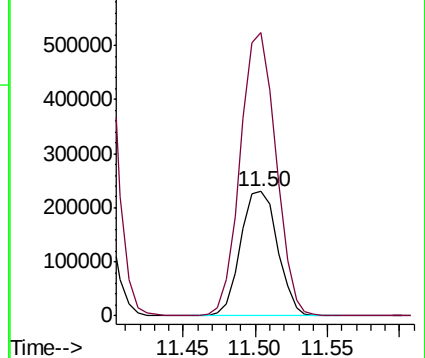
106 100

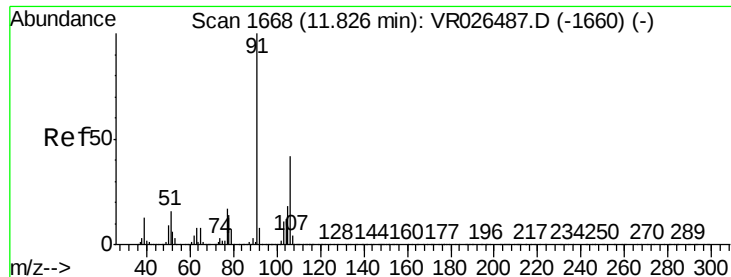
91 227.3 155.6 289.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VR0

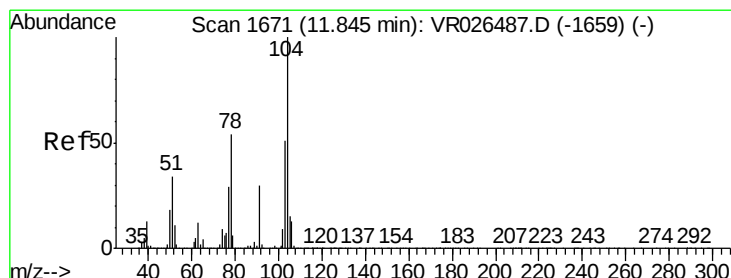
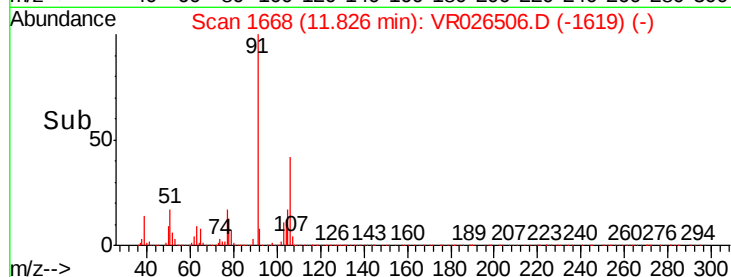
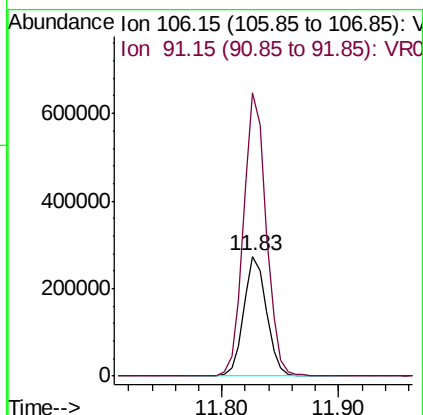
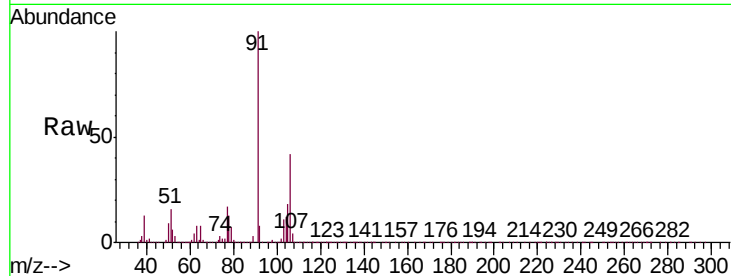




#54
o-Xylene
Concen: 5.895 ug/L
RT: 11.83 min Scan# 1668
Delta R.T. 0.00 min
Lab File: VR026506.D
Acq: 7 Apr 2019 20:17

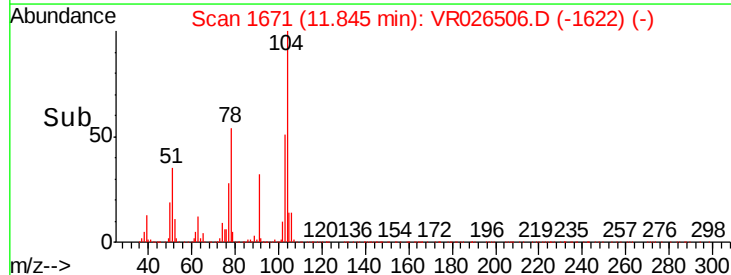
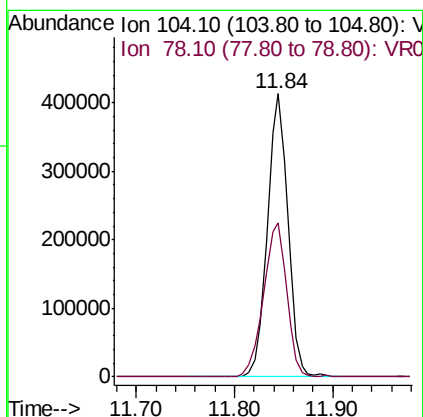
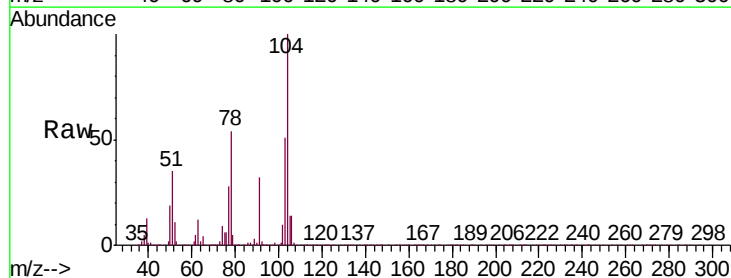
Instrument :
MSVOA_R
ClientSampleId :
VSTD00563

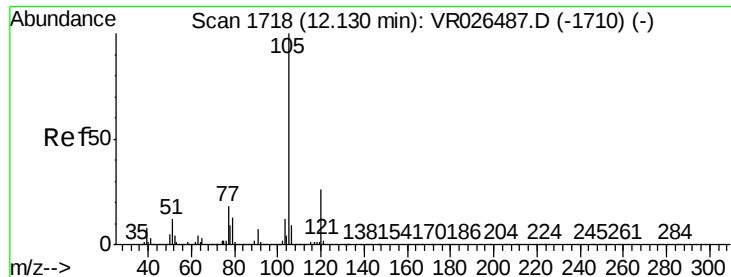
Tgt Ion:106 Resp: 373341
Ion Ratio Lower Upper
106 100
91 236.4 166.2 308.6



#55
Styrene
Concen: 5.998 ug/L
RT: 11.84 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VR026506.D
Acq: 7 Apr 2019 20:17

Tgt Ion:104 Resp: 599746
Ion Ratio Lower Upper
104 100
78 54.3 35.2 65.4





#56

Isopropylbenzene

Concen: 5.984 ug/L

RT: 12.13 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

Instrument :

MSVOA_R

ClientSampled :

VSTD00563

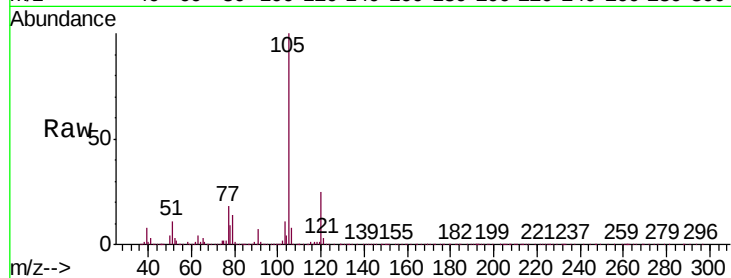
Tgt Ion:105 Resp: 1075755

Ion Ratio Lower Upper

105 100

120 25.0 20.2 30.2

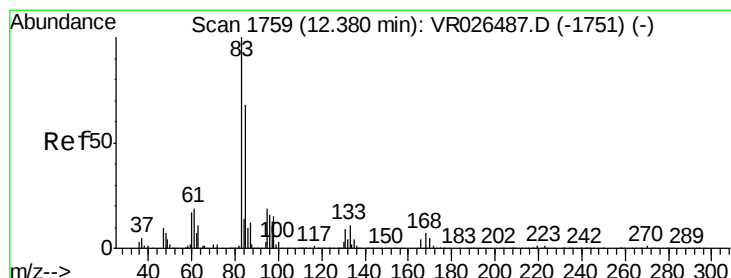
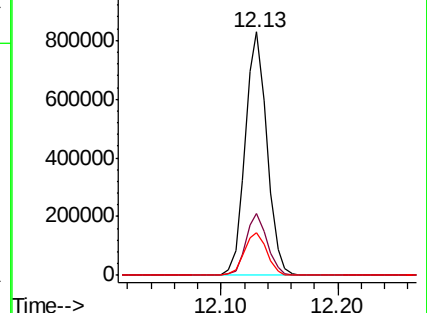
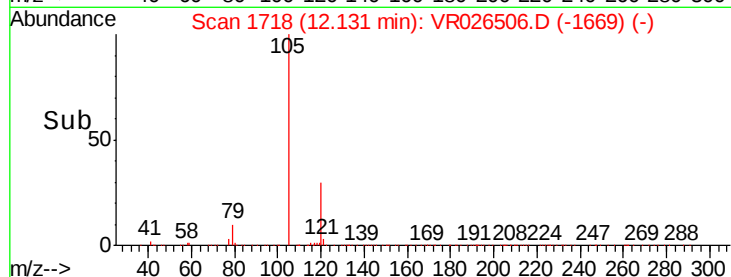
77 18.3 14.7 22.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VR0



#58

1,1,2,2-Tetrachloroethane

Concen: 5.977 ug/L

RT: 12.38 min Scan# 1759

Delta R.T. 0.00 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

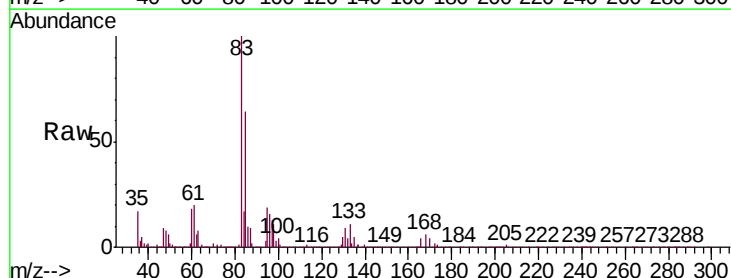
Tgt Ion: 83 Resp: 87640

Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7

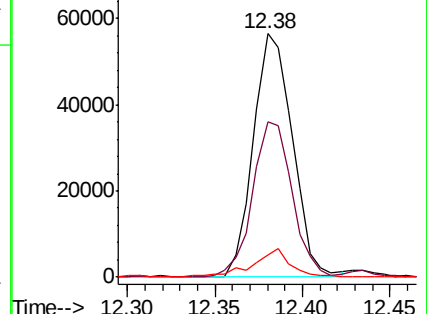
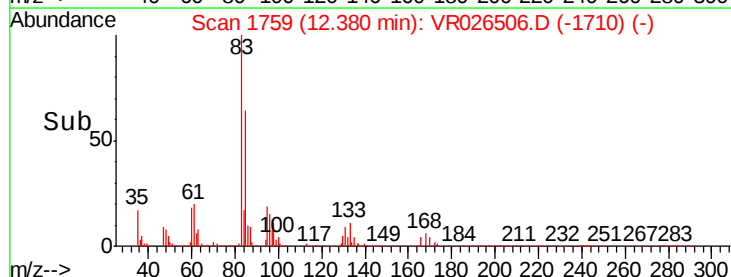
131 8.9 6.9 10.3

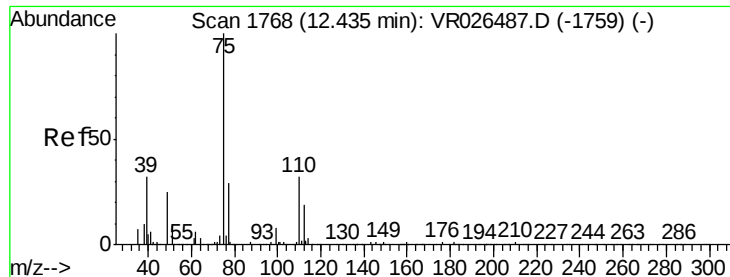


Abundance Ion 82.95 (82.65 to 83.65): VR0

Ion 85.00 (84.70 to 85.70): VR0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 5.597 ug/L

RT: 12.43 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

Instrument :

MSVOA_R

ClientSampleId :

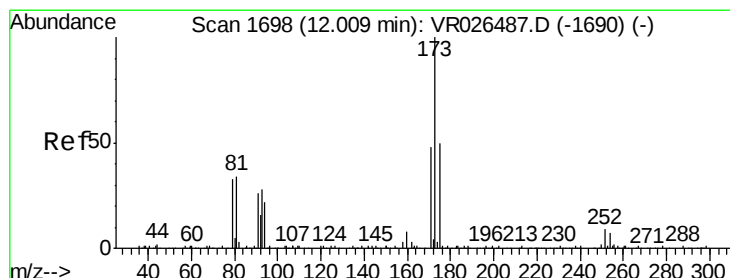
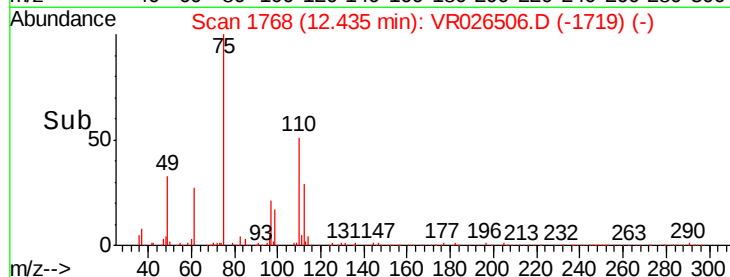
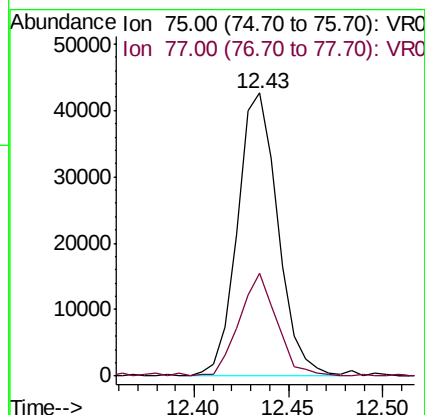
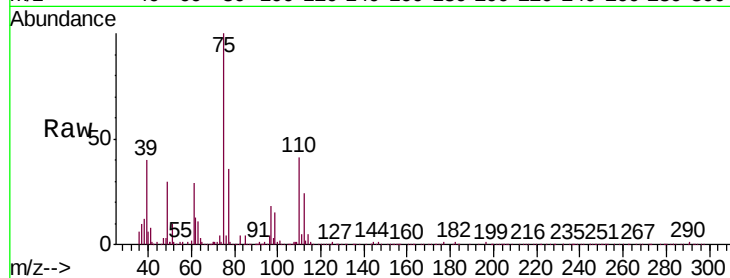
VSTD00563

Tgt Ion: 75 Resp: 62963

Ion Ratio Lower Upper

75 100

77 33.1 25.0 37.4



#61

Bromoform

Concen: 4.885 ug/L

RT: 12.01 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

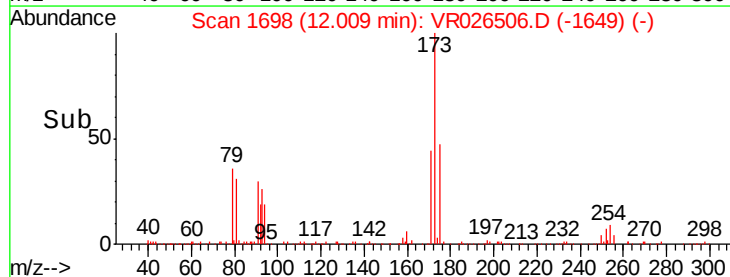
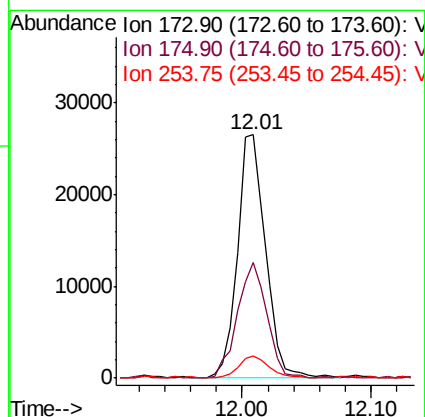
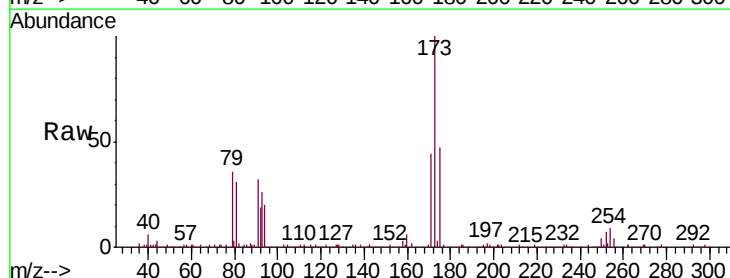
Tgt Ion: 173 Resp: 40205

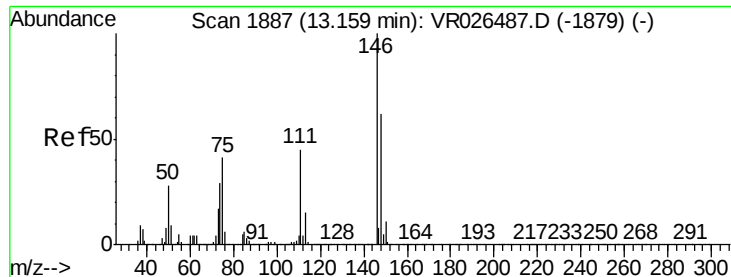
Ion Ratio Lower Upper

173 100

175 49.4 36.6 54.8

254 9.8 8.0 12.0





#62

1,3-Dichlorobenzene

Concen: 5.104 ug/L

RT: 13.16 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

Instrument :

MSVOA_R

ClientSampleId :

VSTD00563

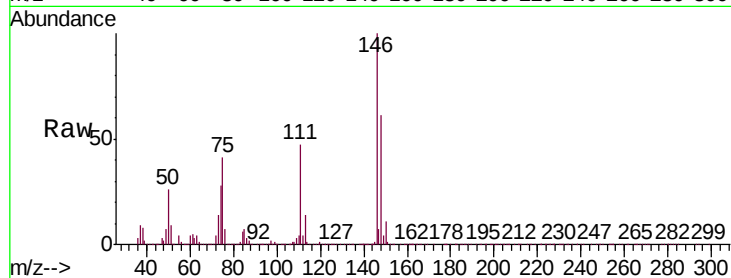
Tgt Ion:146 Resp: 301729

Ion Ratio Lower Upper

146 100

111 47.5 30.4 56.5

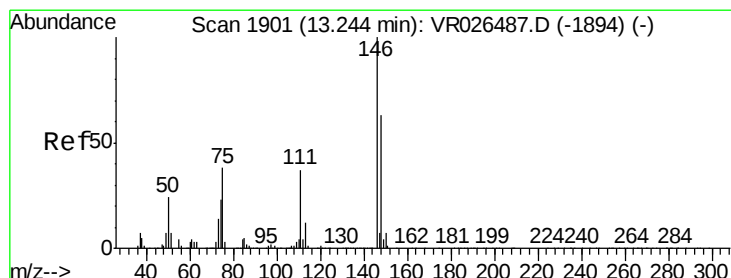
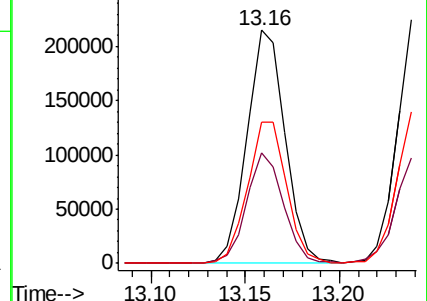
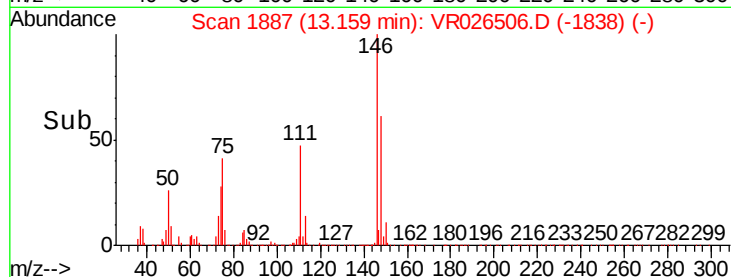
148 60.7 45.4 84.2



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 5.076 ug/L

RT: 13.24 min Scan# 1901

Delta R.T. 0.00 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

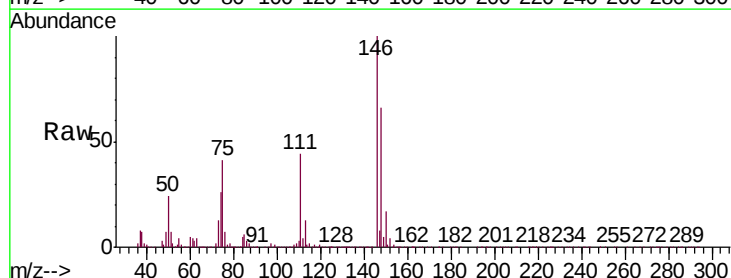
Tgt Ion:146 Resp: 336890

Ion Ratio Lower Upper

146 100

111 43.9 30.5 56.7

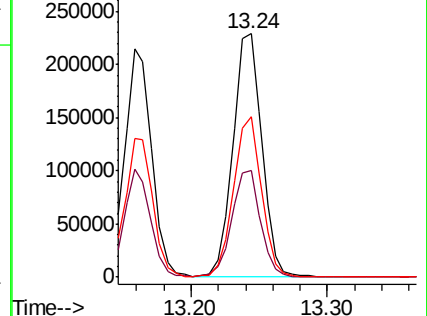
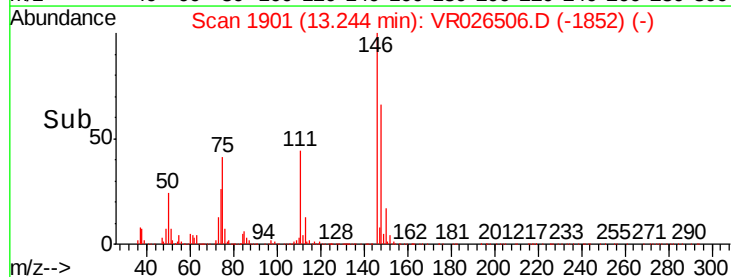
148 66.1 45.0 83.6

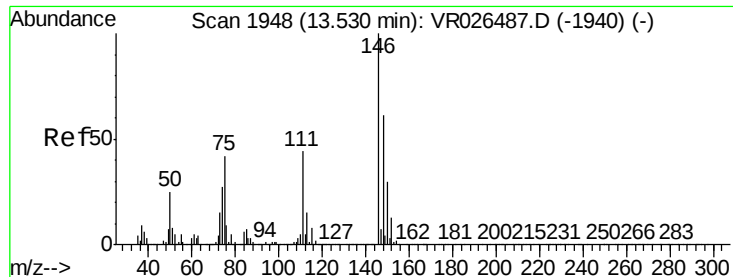


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

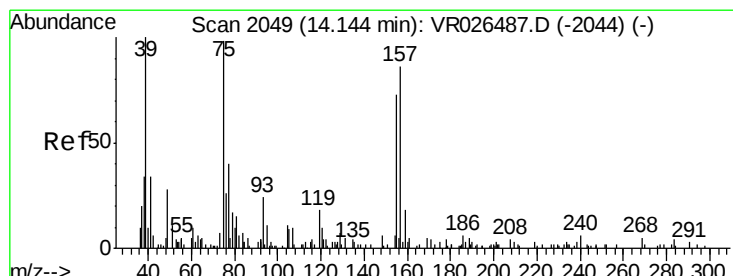
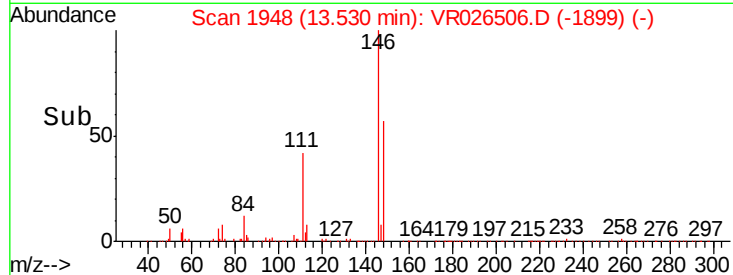
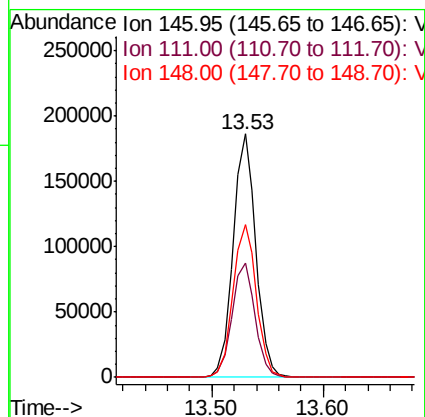
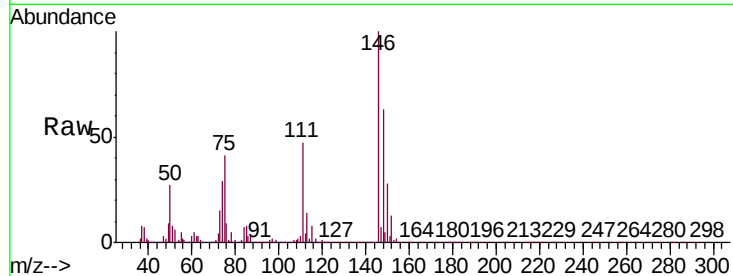




#65
 1,2-Dichlorobenzene
 Concen: 5.324 ug/L
 RT: 13.53 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: VR026506.D
 Acq: 7 Apr 2019 20:17

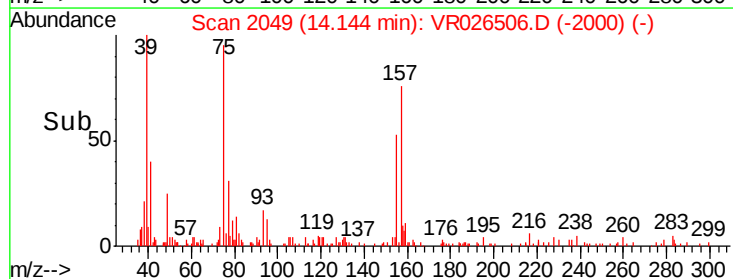
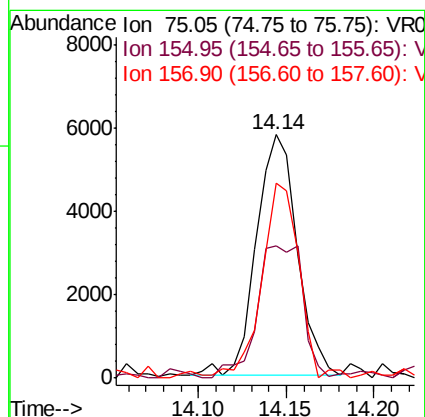
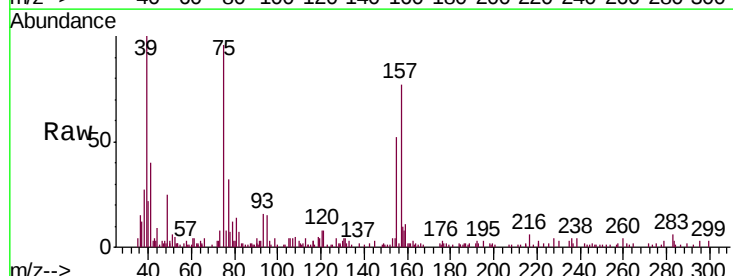
Instrument :
 MSVOA_R
 ClientSampleID :
 VSTD00563

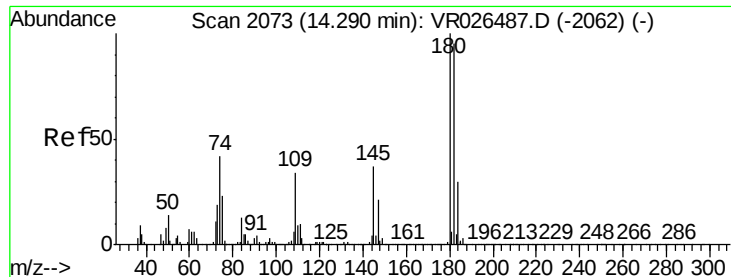
Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.2	35.8	53.6
148	62.8	48.9	73.3



#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.973 ug/L
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VR026506.D
 Acq: 7 Apr 2019 20:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	54.2	36.1	54.1#
157	79.9	62.4	93.6

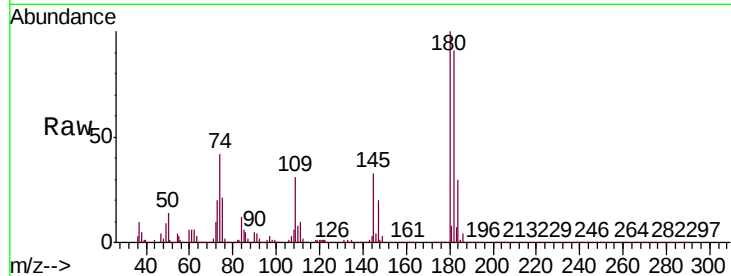




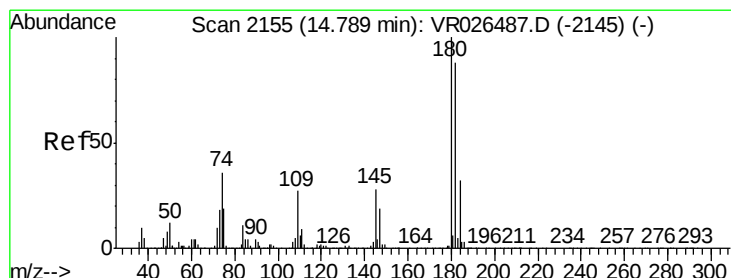
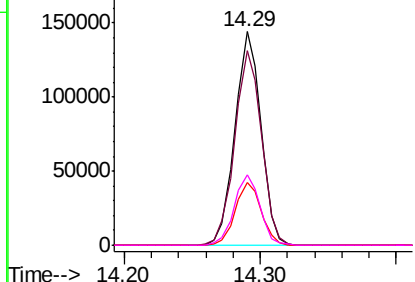
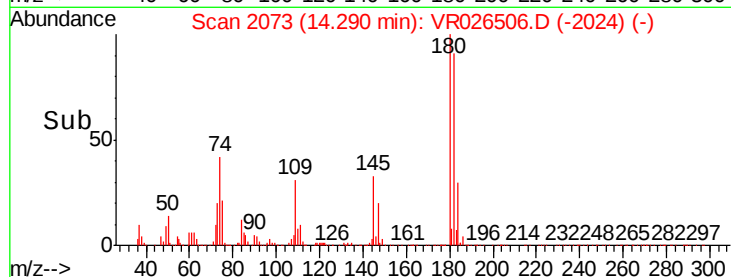
#67
 1,3,5-Trichlorobenzene
 Concen: 4.973 ug/L
 RT: 14.29 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: VR026506.D
 Acq: 7 Apr 2019 20:17

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00563

Tgt Ion:	180	Resp:	192108
Ion Ratio	Lower	Upper	
180	100		
182	93.5	75.8	113.6
184	29.2	25.0	37.4
145	32.7	28.0	42.0

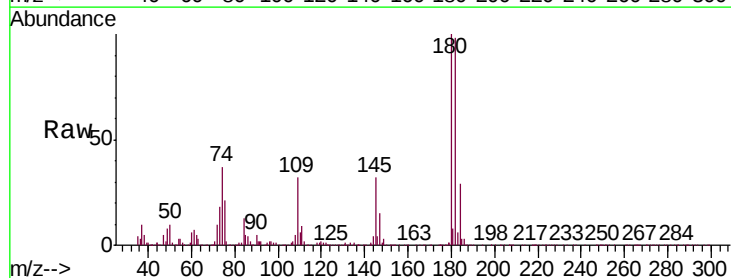


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

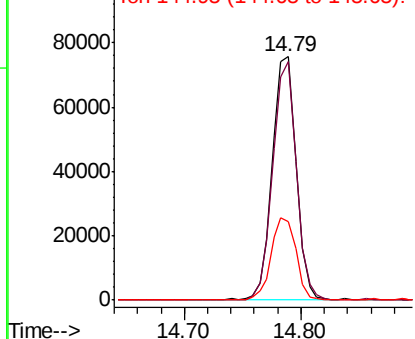
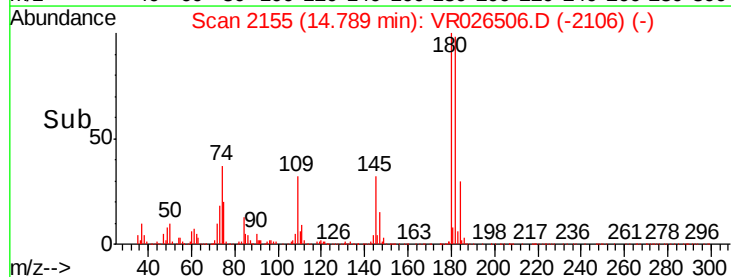


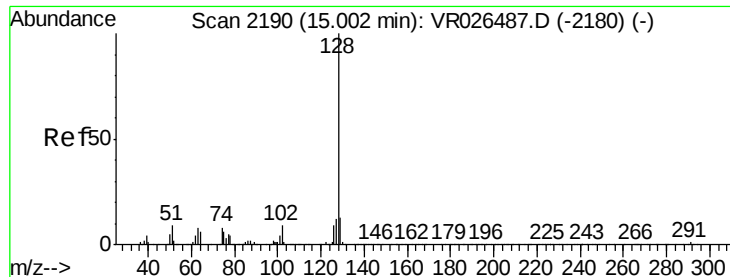
#68
 1,2,4-trichlorobenzene
 Concen: 4.974 ug/L
 RT: 14.79 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VR026506.D
 Acq: 7 Apr 2019 20:17

Tgt Ion:	180	Resp:	106758
Ion Ratio	Lower	Upper	
180	100		
182	96.6	73.0	109.6
145	35.1	26.7	40.1



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 5.319 ug/L

RT: 15.00 min Scan# 2190

Delta R.T. 0.00 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

Instrument :

MSVOA_R

ClientSampleId :

VSTD00563

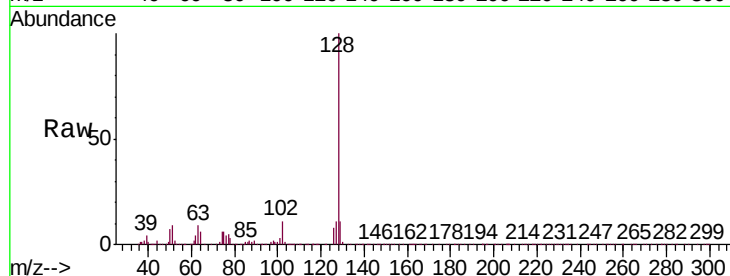
Tgt Ion:128 Resp: 107379

Ion Ratio Lower Upper

128 100

127 12.7 11.4 17.0

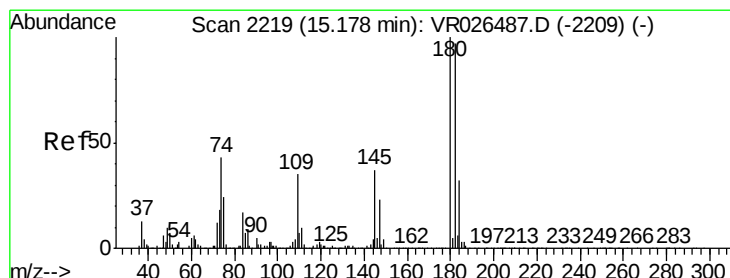
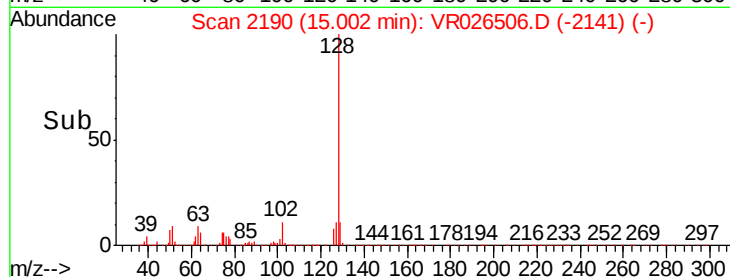
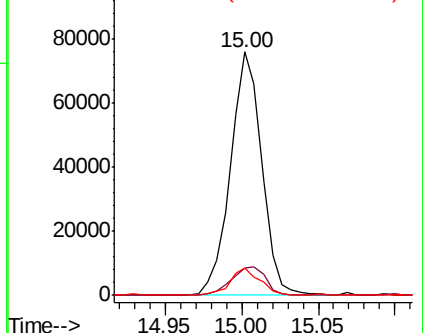
129 10.9 9.0 13.4



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: 5.809 ug/L

RT: 15.18 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VR026506.D

Acq: 7 Apr 2019 20:17

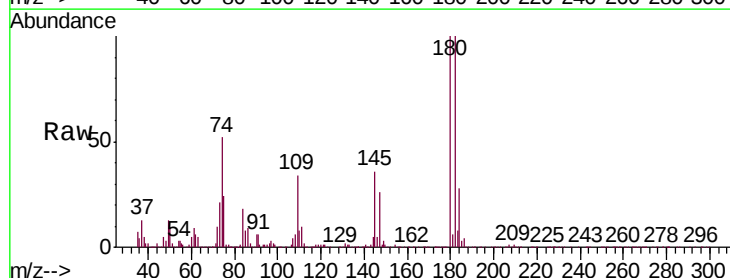
Tgt Ion:180 Resp: 86426

Ion Ratio Lower Upper

180 100

182 99.2 73.1 109.7

145 36.9 28.6 42.8



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

