

Data File : VR026431.D
Acq On : 3 Apr 2019 15:58
Operator : SY/MD
Sample : VSTD00183
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00183

Quant Time: Apr 04 04:42:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 04 04:39:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	737171	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	568281	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	204933	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	41003	0.58	ug/L	-0.01
7) Chloroethane-d5	2.63	69	35002	0.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	109165	0.65	ug/L	0.00
20) 2-Butanone-d5	6.58	46	31402	5.90	ug/L	0.00
24) Chloroform-d	7.20	84	81071	0.68	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	32319	0.67	ug/L	0.00
32) Benzene-d6	7.85	84	135900	0.64	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	36350	0.67	ug/L	0.00
41) Toluene-d8	9.97	98	117463	0.61	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.23	79	8506	0.60	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	18768	5.16	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	13428	0.65	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	23111	0.65	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	52357	0.807	ug/L	97
3) Chloromethane	2.01	50	58126	0.741	ug/L	99
5) Vinyl chloride	2.15	62	58110	0.762	ug/L	96
6) Bromomethane	2.52	94	31635	0.720	ug/L	93
8) Chloroethane	2.66	64	34251	0.755	ug/L	90
9) Trichlorofluoromethane	2.93	101	23647	0.234	ug/L #	61
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	42286	0.728	ug/L	97
12) 1,1-Dichloroethene	3.63	96	46555	0.726	ug/L	98
13) Acetone	3.70	43	38670	8.065	ug/L	99
14) Carbon disulfide	3.93	76	132449	0.656	ug/L	95
15) Methyl Acetate	4.20	43	11538	0.866	ug/L #	88
16) Methylene chloride	4.39	84	46290	0.821	ug/L	88
17) Methyl tert-butyl Ether	4.89	73	50632	0.804	ug/L #	85
18) trans-1,2-Dichloroethene	4.88	96	46629	0.788	ug/L	94
19) 1,1-Dichloroethane	5.69	63	90072	0.826	ug/L	95
21) 2-Butanone	6.69	43	41464	6.883	ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	34317	0.695	ug/L #	95
23) Bromochloromethane	7.05	128	12607	0.818	ug/L	83
25) Chloroform	7.23	83	83272	0.798	ug/L	88
27) 1,2-Dichloroethane	7.99	62	39046	0.782	ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	74081	0.871	ug/L	98
30) Cyclohexane	7.51	56	57913	0.718	ug/L	98
31) Carbon tetrachloride	7.63	117	67778	0.856	ug/L	99
33) Benzene	7.90	78	170987	0.776	ug/L	100
34) Trichloroethene	8.71	95	45660	0.819	ug/L	95
35) Methylcyclohexane	8.95	83	51552	0.647	ug/L	91
37) 1,2-Dichloropropane	8.99	63	38204	0.818	ug/L #	96
38) Bromodichloromethane	9.28	83	43381	0.807	ug/L	94
39) cis-1,3-Dichloropropene	9.72	75	32946	0.638	ug/L	98
40) 4-Methyl-2-pentanone	9.87	43	91432	7.059	ug/L	96

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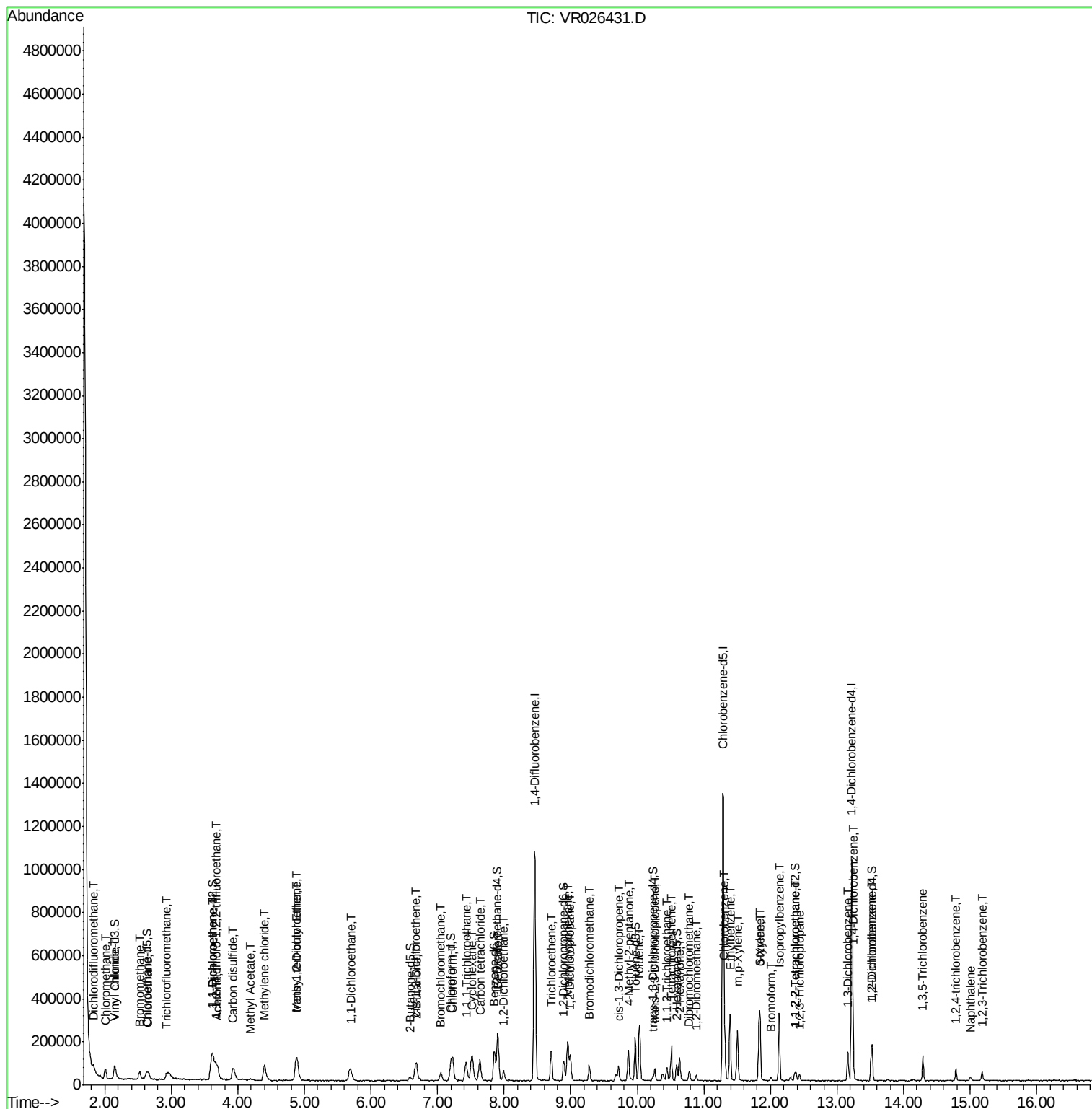
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.04	91	162332	0.732	ug/L	94
44) trans-1,3-Dichloropropene	10.26	75	24104	0.647	ug/L	86
45) 1,1,2-Trichloroethane	10.45	97	16082	0.834	ug/L	91
47) Tetrachloroethene	10.51	164	28442	0.708	ug/L	96
48) 2-Hexanone	10.63	43	59820	6.691	ug/L	99
49) Dibromochloromethane	10.78	129	18250	0.759	ug/L	89
50) 1,2-Dibromoethane	10.89	107	11829	0.770	ug/L #	88
51) Chlorobenzene	11.32	112	95083	0.786	ug/L	97
52) Ethylbenzene	11.39	91	178975	0.717	ug/L	97
53) m,p-Xylene	11.50	106	61822	0.699	ug/L	91
54) o-Xylene	11.83	106	51598	0.663	ug/L	87
55) Styrene	11.84	104	84493	0.686	ug/L	95
56) Isopropylbenzene	12.13	105	148547	0.671	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.38	83	14864	0.843	ug/L #	84
59) 1,2,3-Trichloropropane	12.43	75	10290	0.783	ug/L #	76
61) Bromoform	12.01	173	7517	0.794	ug/L #	96
62) 1,3-Dichlorobenzene	13.16	146	43155	0.680	ug/L	96
63) 1,4-Dichlorobenzene	13.24	146	52983	0.760	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	36982	0.710	ug/L	90
67) 1,3,5-Trichlorobenzene	14.29	180	25313	0.644	ug/L	94
68) 1,2,4-trichlorobenzene	14.79	180	13054	0.579	ug/L	93
69) Naphthalene	15.01	128	11048	0.527	ug/L #	91
70) 1,2,3-Trichlorobenzene	15.18	180	10112	0.639	ug/L	92

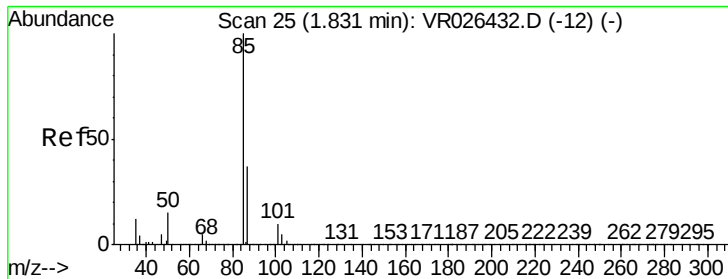
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.807 ug/L

RT: 1.83 min Scan# 25

Delta R.T. -0.00 min

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Instrument :

MSVOA_R

ClientSampleId :

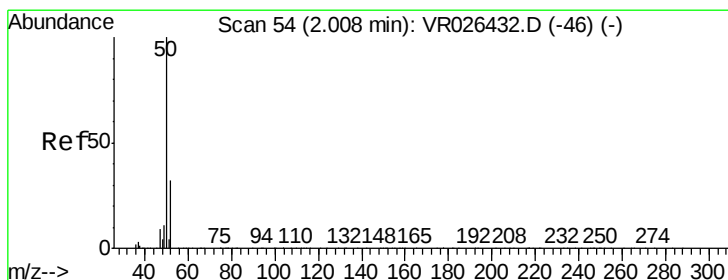
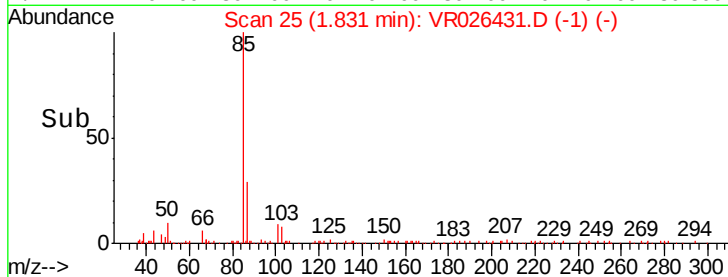
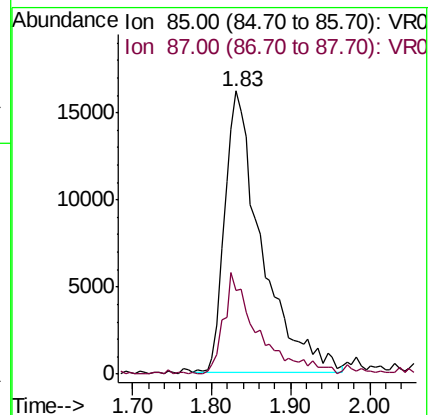
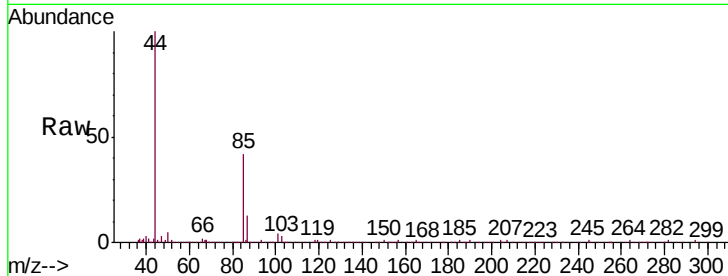
VSTD00183

Tgt Ion: 85 Resp: 52357

Ion Ratio Lower Upper

85 100

87 33.6 25.5 38.3



#3

Chloromethane

Concen: 0.741 ug/L

RT: 2.01 min Scan# 54

Delta R.T. -0.00 min

Lab File: VR026431.D

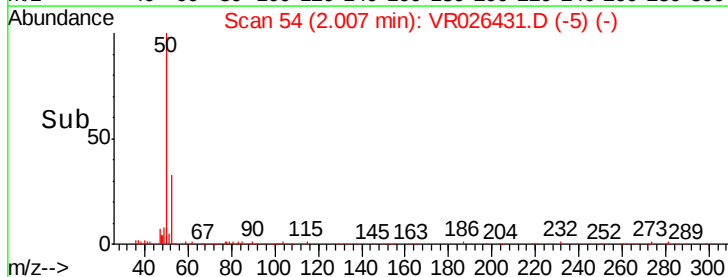
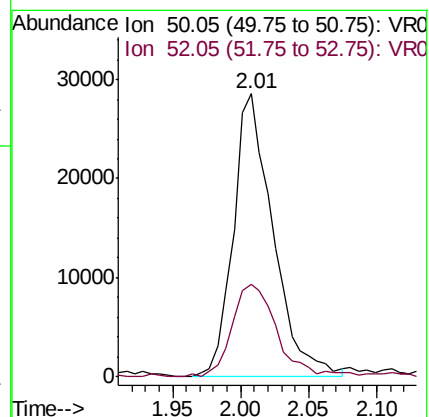
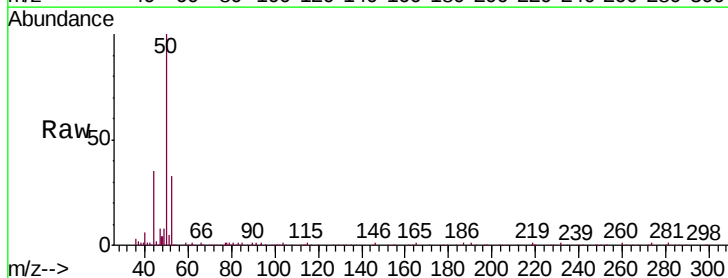
Acq: 3 Apr 2019 15:58

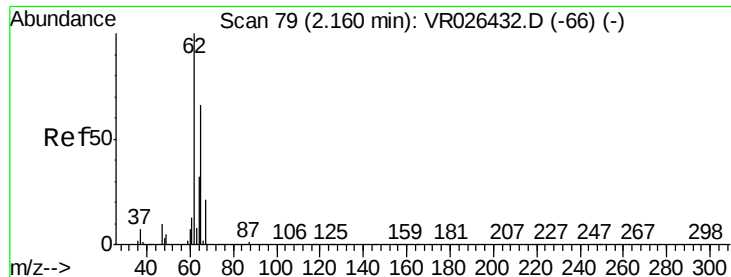
Tgt Ion: 50 Resp: 58126

Ion Ratio Lower Upper

50 100

52 32.8 22.5 41.9





#5

Vinyl chloride

Concen: 0.762 ug/L

RT: 2.15 min Scan# 78

Delta R.T. -0.01 min

Lab File: VR026431.D

Acq: 3 Apr 2019 15:58

Instrument :

MSVOA_R

ClientSampleId :

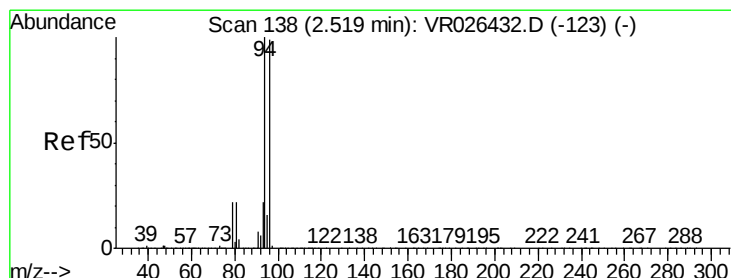
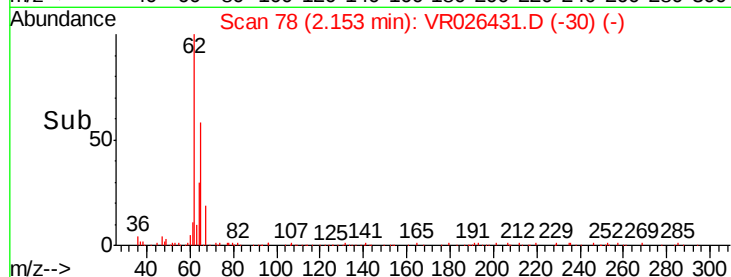
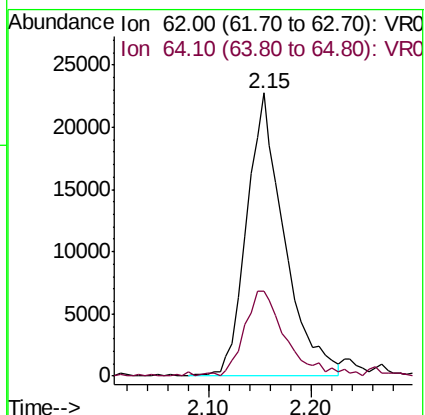
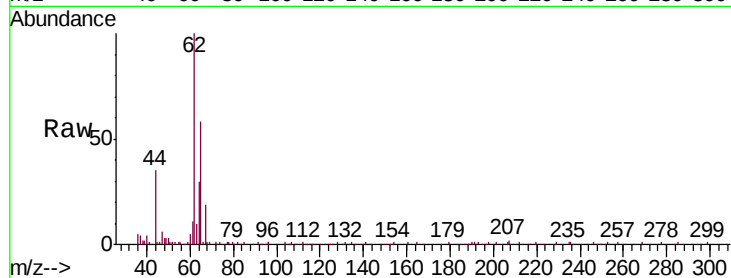
VSTD00183

Tgt Ion: 62 Resp: 58110

Ion Ratio Lower Upper

62 100

64 29.8 22.3 41.5



#6

Bromomethane

Concen: 0.720 ug/L

RT: 2.52 min Scan# 139

Delta R.T. 0.01 min

Lab File: VR026431.D

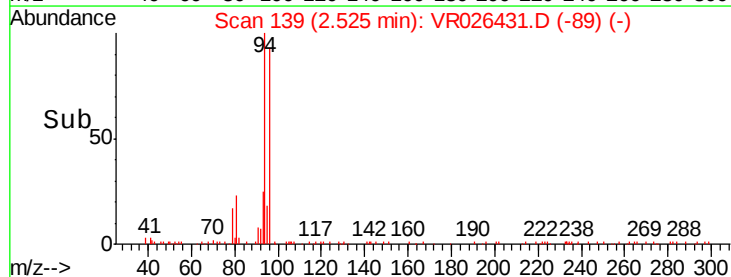
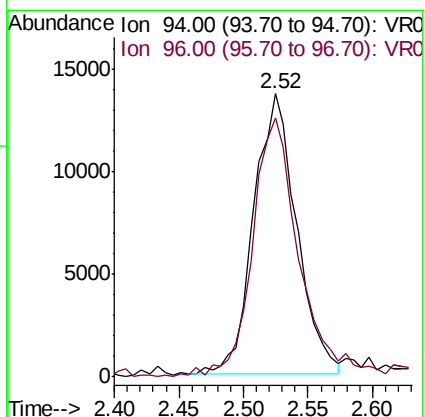
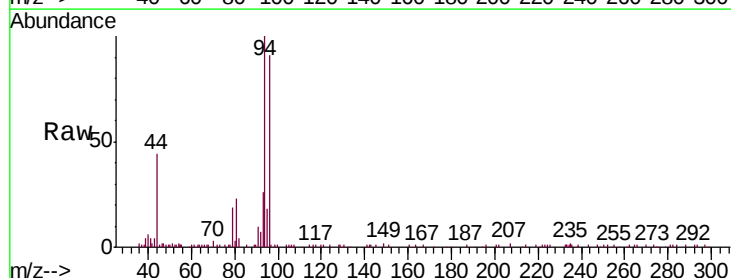
Acq: 3 Apr 2019 15:58

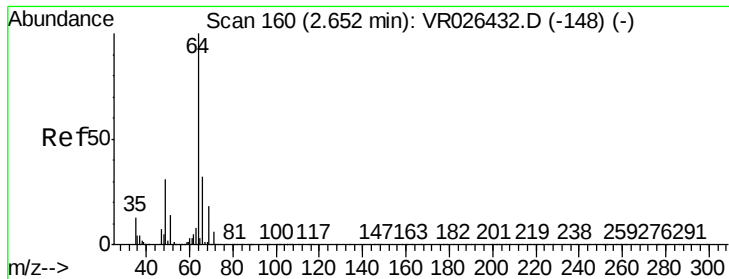
Tgt Ion: 94 Resp: 31635

Ion Ratio Lower Upper

94 100

96 91.4 69.1 128.3





#8

Chloroethane

Concen: 0.755 ug/L

RT: 2.66 min Scan# 161

Delta R.T. 0.01 min

Lab File: VR026431.D

Acq: 3 Apr 2019 15:58

Instrument :

MSVOA_R

ClientSampleId :

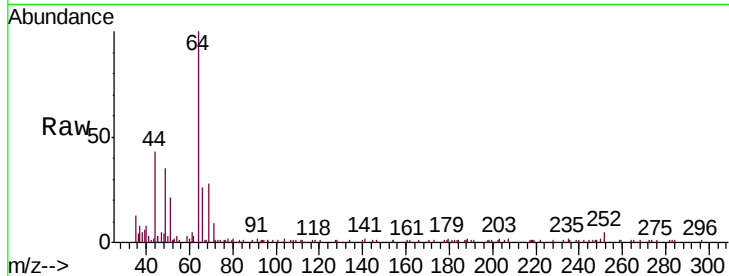
VSTD00183

Tgt Ion: 64 Resp: 34251

Ion Ratio Lower Upper

64 100

66 26.2 22.4 41.6



Abundance Ion 64.10 (63.80 to 64.80): VR0

Ion 66.05 (65.75 to 66.75): VR0

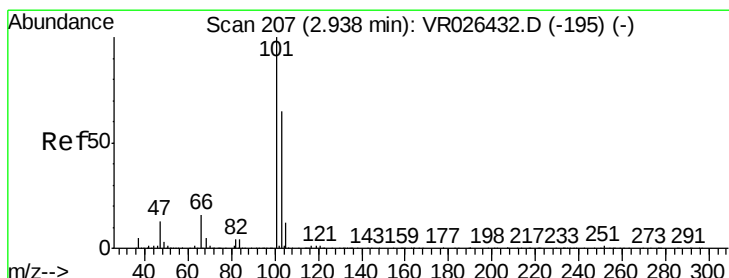
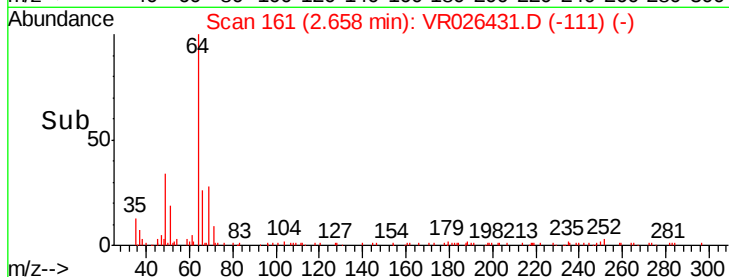
2.66

10000

5000

0

Time--> 2.50 2.60 2.70



#9

Trichlorofluoromethane

Concen: 0.234 ug/L

RT: 2.93 min Scan# 205

Delta R.T. -0.01 min

Lab File: VR026431.D

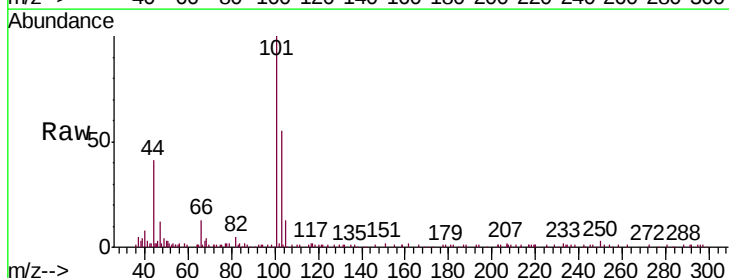
Acq: 3 Apr 2019 15:58

Tgt Ion: 101 Resp: 23647

Ion Ratio Lower Upper

101 100

103 89.7 48.2 72.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

2.93

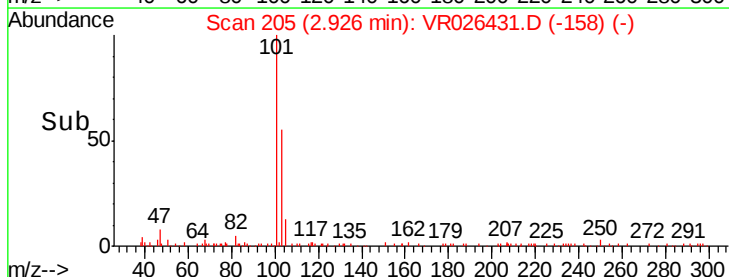
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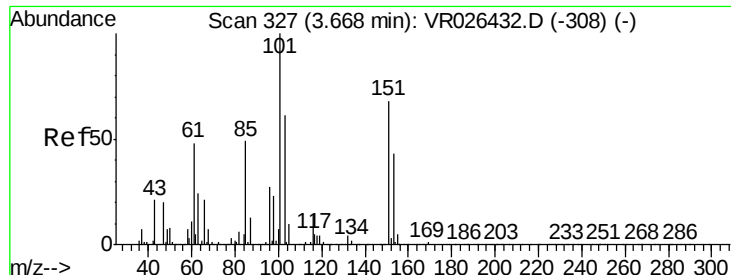
10000

5000

0

Time--> 2.85 2.90 2.95





#10

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

Concen: 0.728 ug/L

RT: 3.68 min Scan# 329

Delta R.T. 0.01 min

Lab File: VR026431.D

Acq: 3 Apr 2019 15:58

Instrument :

MSVOA_R

ClientSampleId :

VSTD00183

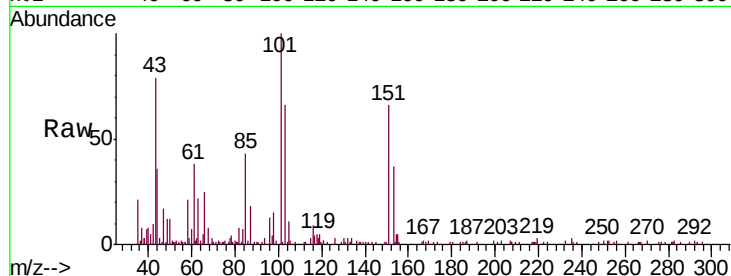
Tgt Ion:101 Resp: 42286

Ion Ratio Lower Upper

101 100

85 51.0 39.2 58.8

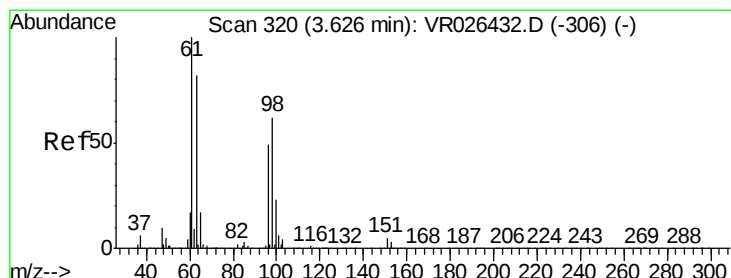
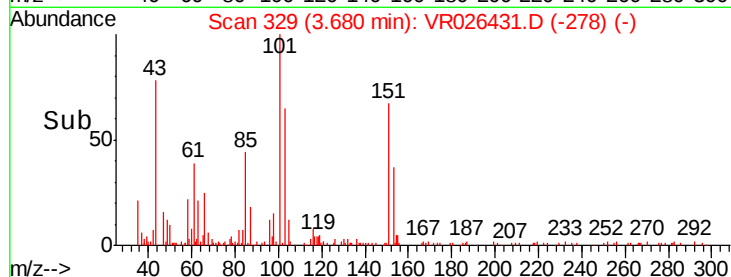
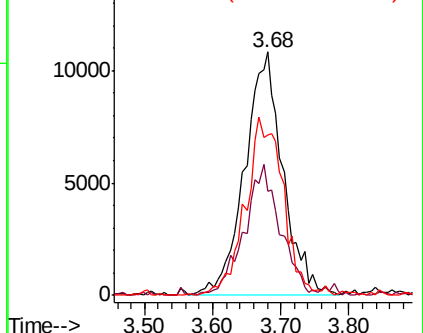
151 71.5 59.7 89.5



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: 0.726 ug/L

RT: 3.63 min Scan# 320

Delta R.T. -0.00 min

Lab File: VR026431.D

Acq: 3 Apr 2019 15:58

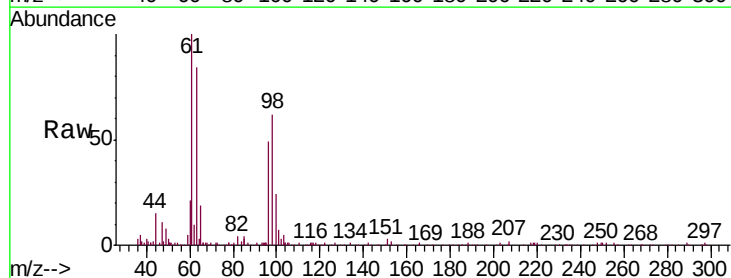
Tgt Ion: 96 Resp: 46555

Ion Ratio Lower Upper

96 100

61 202.7 142.7 264.9

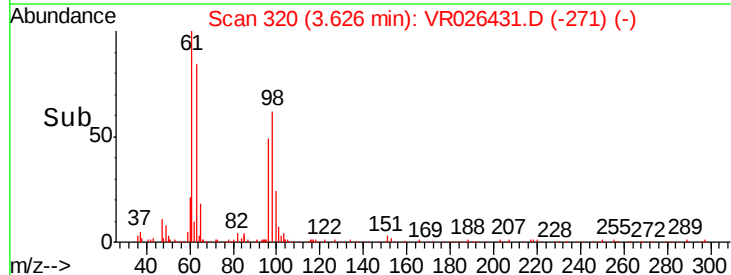
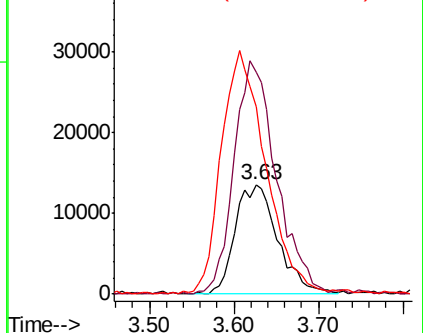
63 171.2 116.9 217.1

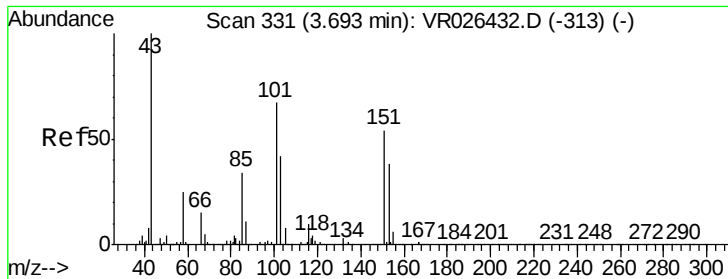


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0

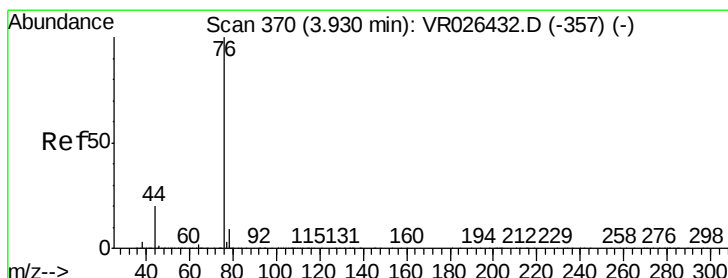
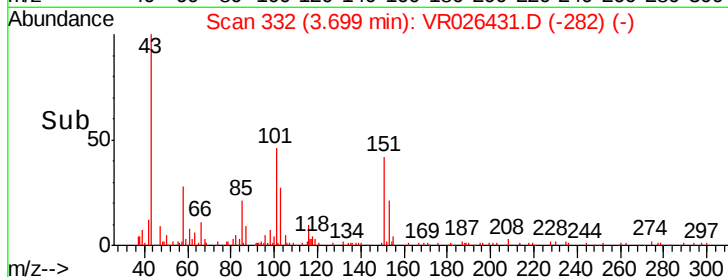
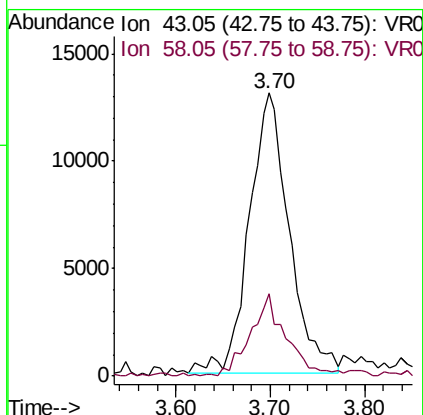
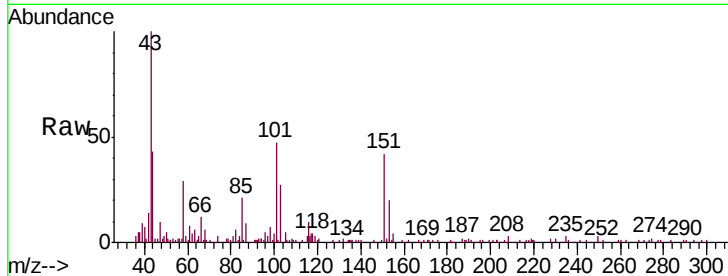




#13
Acetone
Concen: 8.065 ug/L
RT: 3.70 min Scan# 332
Delta R.T. 0.01 min
Lab File: VR026431.D
Acq: 3 Apr 2019 15:58

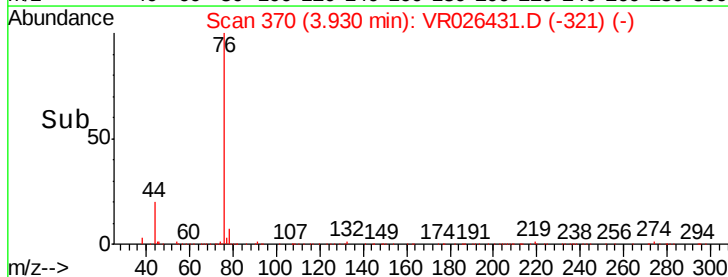
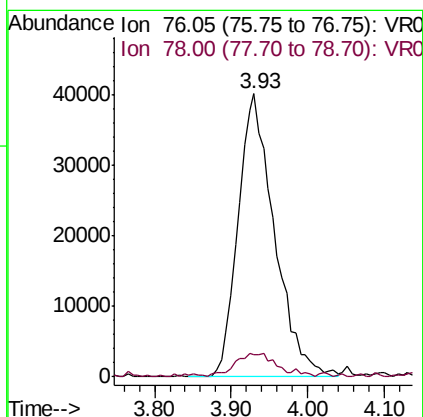
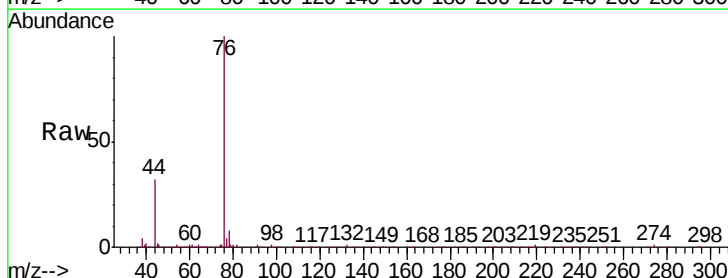
Instrument :
MSVOA_R
ClientSampled :
VSTD00183

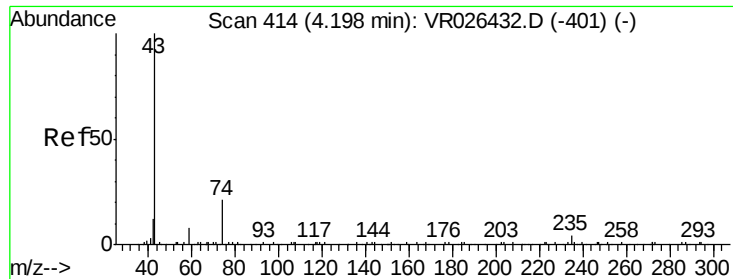
Tgt Ion: 43 Resp: 38670
Ion Ratio Lower Upper
43 100
58 26.4 0.0 53.8



#14
Carbon disulfide
Concen: 0.656 ug/L
RT: 3.93 min Scan# 370
Delta R.T. -0.00 min
Lab File: VR026431.D
Acq: 3 Apr 2019 15:58

Tgt Ion: 76 Resp: 132449
Ion Ratio Lower Upper
76 100
78 7.9 7.7 11.5

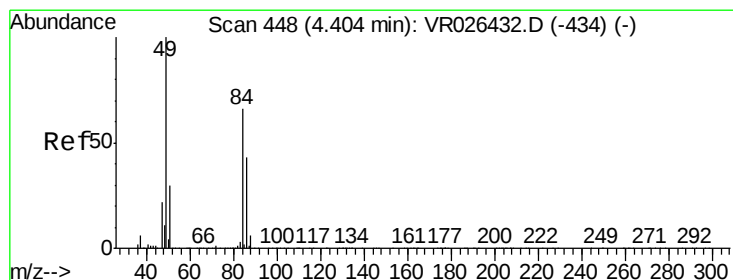
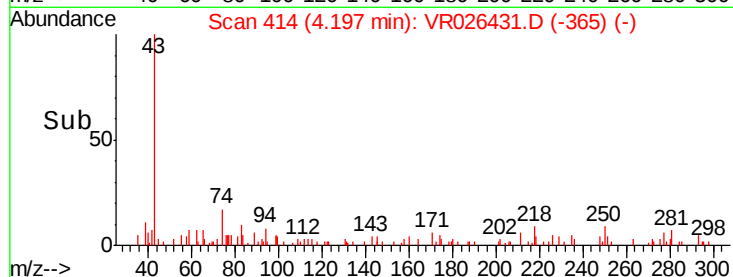
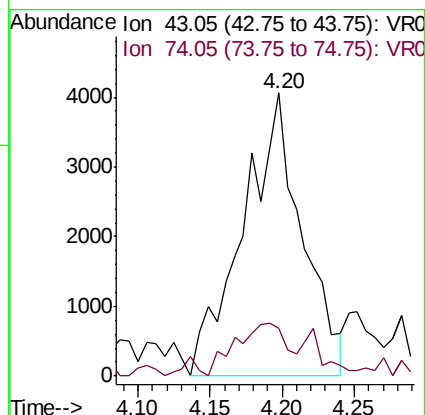
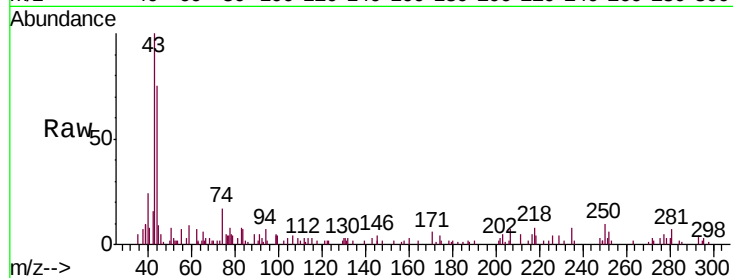




#15
Methyl Acetate
Concen: 0.866 ug/L
RT: 4.20 min Scan# 414
Delta R.T. -0.00 min
Lab File: VR026431.D
Acq: 3 Apr 2019 15:58

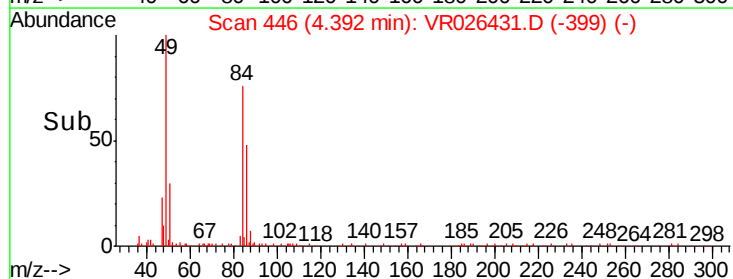
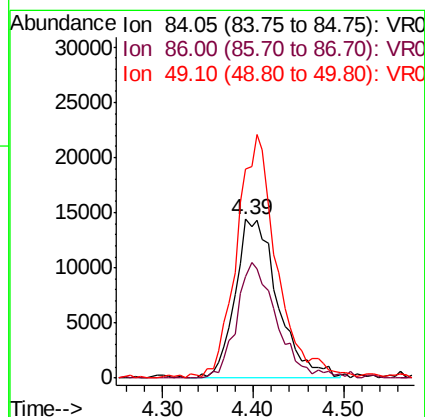
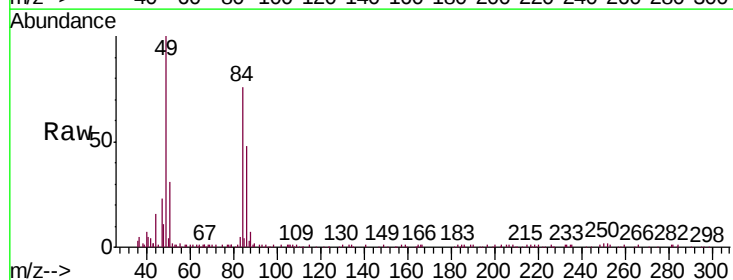
Instrument :
MSVOA_R
ClientSampleId :
VSTD00183

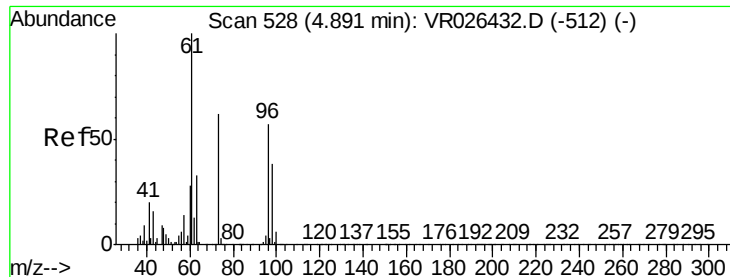
Tgt Ion: 43 Resp: 11538
Ion Ratio Lower Upper
43 100
74 16.4 17.5 26.3#



#16
Methylene chloride
Concen: 0.821 ug/L
RT: 4.39 min Scan# 446
Delta R.T. -0.01 min
Lab File: VR026431.D
Acq: 3 Apr 2019 15:58

Tgt Ion: 84 Resp: 46290
Ion Ratio Lower Upper
84 100
86 63.6 45.6 84.6
49 131.2 106.5 197.9





#17

Methyl tert-butyl Ether

Concen: 0.804 ug/L

RT: 4.89 min Scan# 528

Delta R.T. -0.00 min

Lab File: VR026431.D

Acq: 3 Apr 2019 15:58

Instrument :

MSVOA_R

ClientSampleId :

VSTD00183

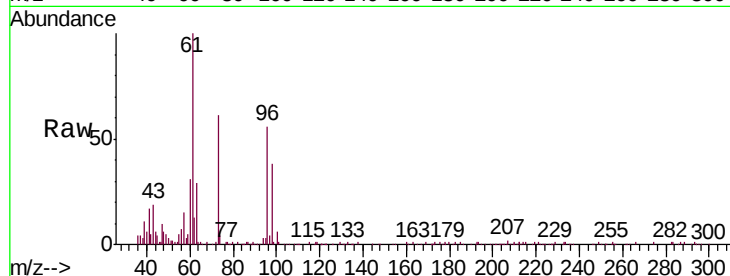
Tgt Ion: 73 Resp: 50632

Ion Ratio Lower Upper

73 100

43 26.4 19.8 29.8

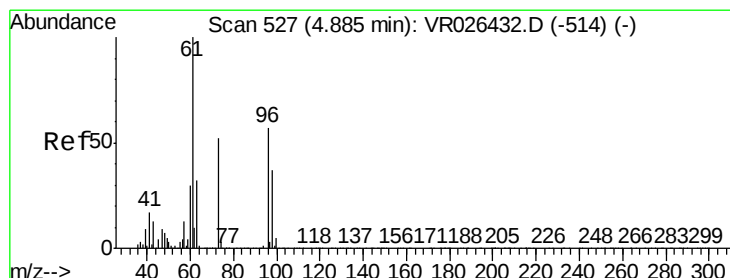
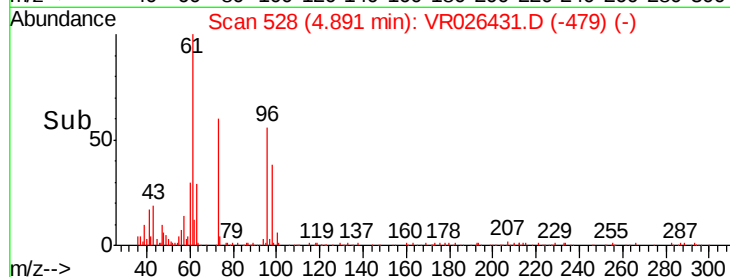
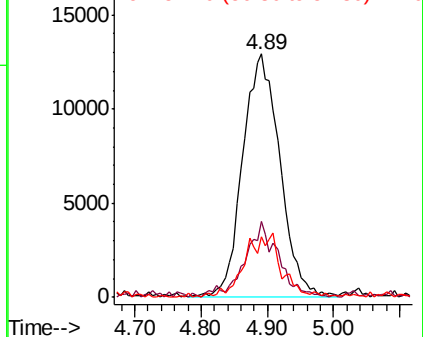
57 9.9 18.9 28.3#



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: 0.788 ug/L

RT: 4.88 min Scan# 526

Delta R.T. -0.01 min

Lab File: VR026431.D

Acq: 3 Apr 2019 15:58

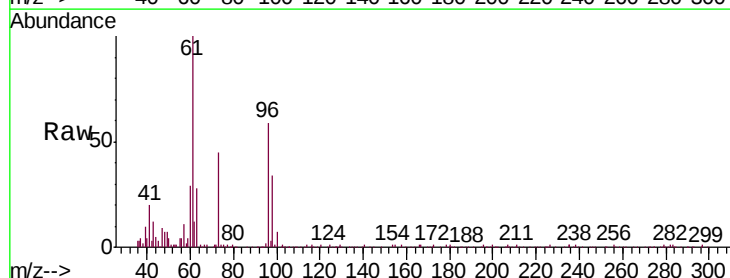
Tgt Ion: 96 Resp: 46629

Ion Ratio Lower Upper

96 100

61 168.3 122.9 228.3

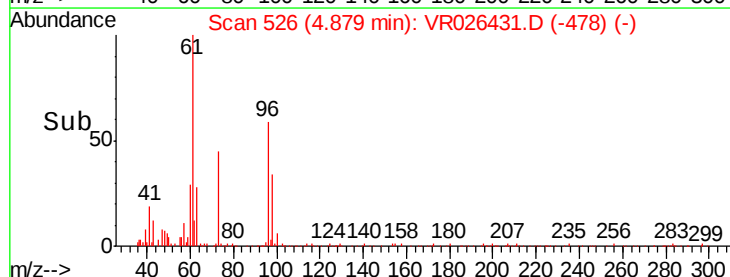
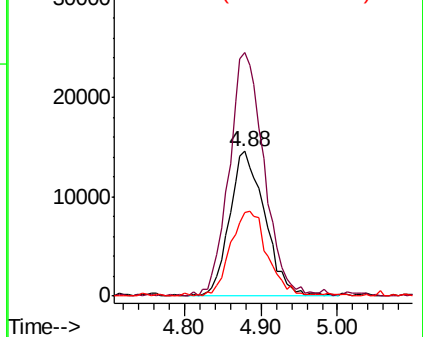
98 57.7 45.2 84.0

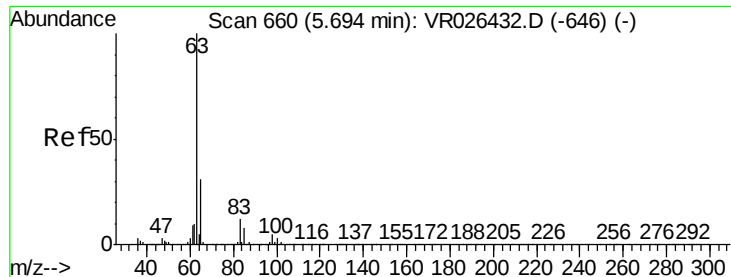


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 97.95 (97.65 to 98.65): VR0

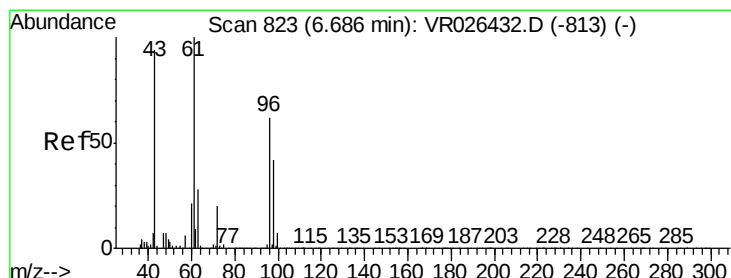
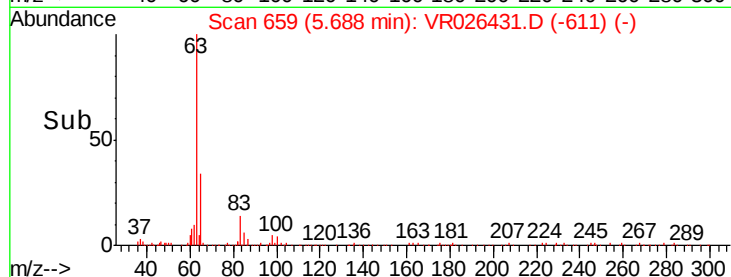
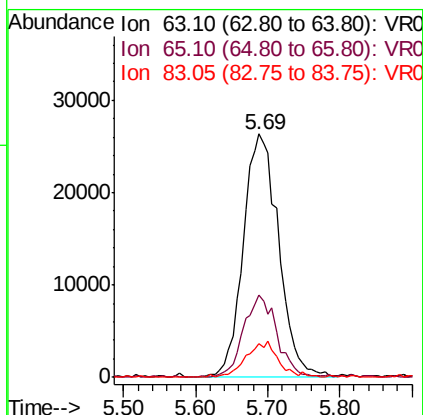
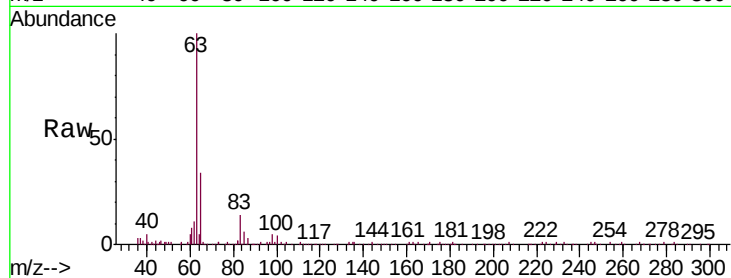




#19
 1,1-Dichloroethane
 Concen: 0.826 ug/L
 RT: 5.69 min Scan# 659
 Delta R.T. -0.01 min
 Lab File: VR026431.D
 Acq: 3 Apr 2019 15:58

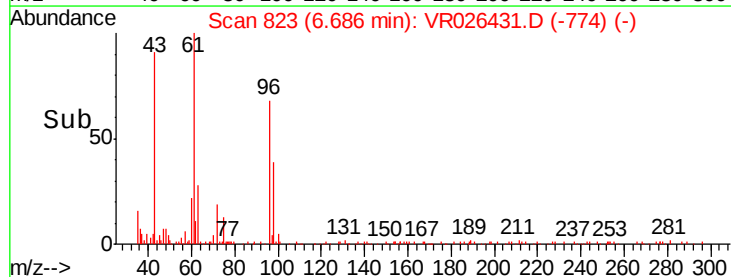
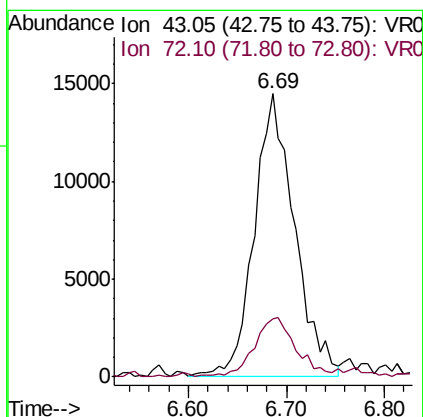
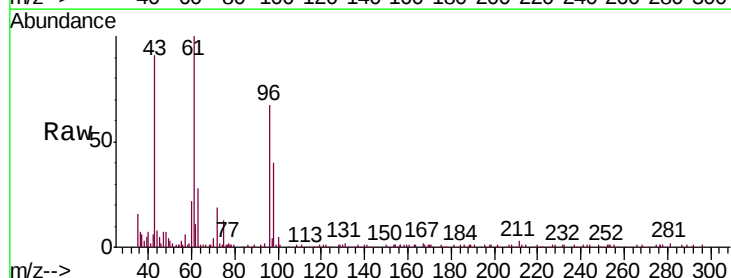
Instrument :
 MSVOA_R
 ClientSampleID :
 VSTD00183

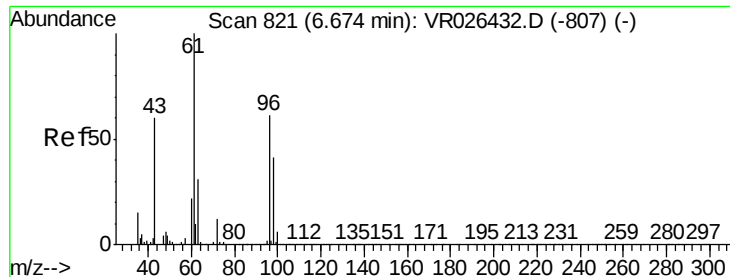
Tgt Ion: 63 Resp: 90072
 Ion Ratio Lower Upper
 63 100
 65 33.9 22.0 40.8
 83 13.8 8.2 15.2



#21
 2-Butanone
 Concen: 6.883 ug/L
 RT: 6.69 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: VR026431.D
 Acq: 3 Apr 2019 15:58

Tgt Ion: 43 Resp: 41464
 Ion Ratio Lower Upper
 43 100
 72 20.5 11.1 33.3



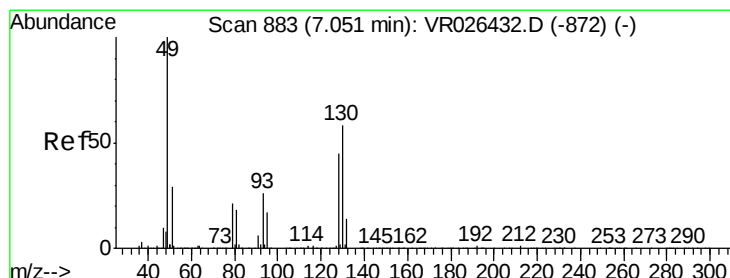
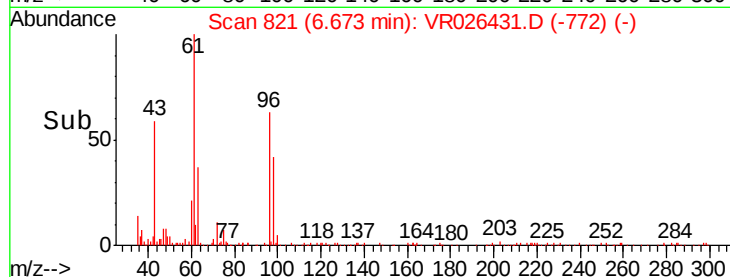
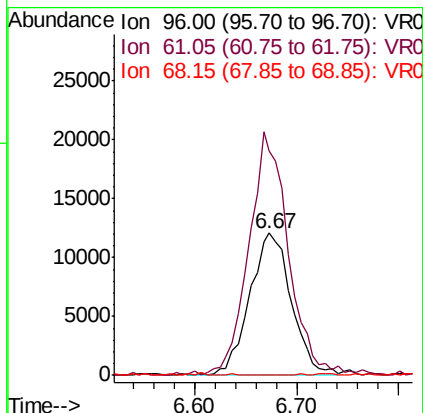
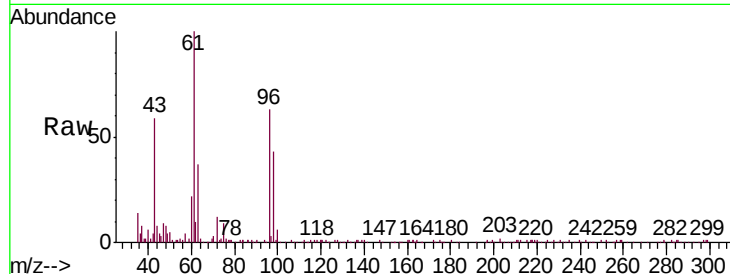


#22

cis-1,2-Dichloroethene
Concen: 0.695 ug/L
RT: 6.67 min Scan# 821
Delta R.T. -0.00 min
Lab File: VR026431.D
Acq: 3 Apr 2019 15:58

Instrument :
MSVOA_R
ClientSampled :
VSTD00183

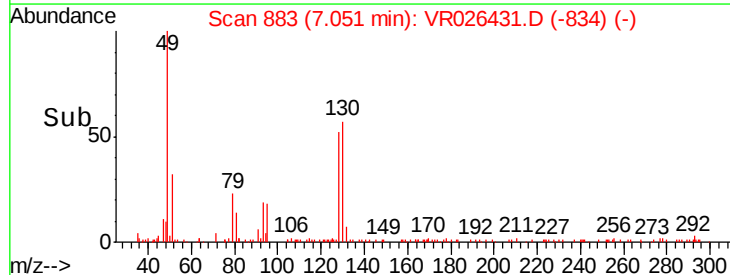
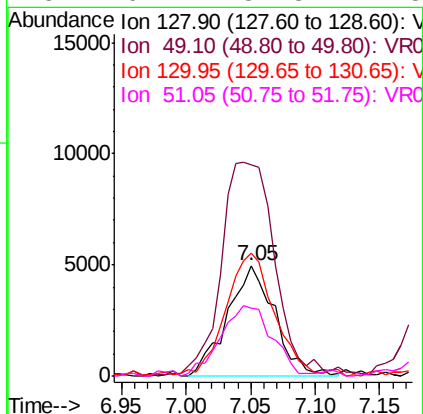
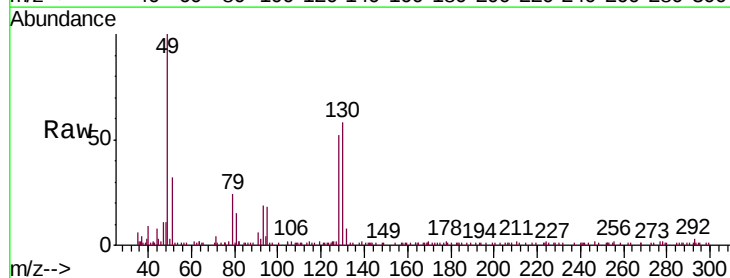
Tgt Ion: 96 Resp: 34317
Ion Ratio Lower Upper
96 100
61 158.0 115.0 213.6
68 0.4 0.0 0.0#

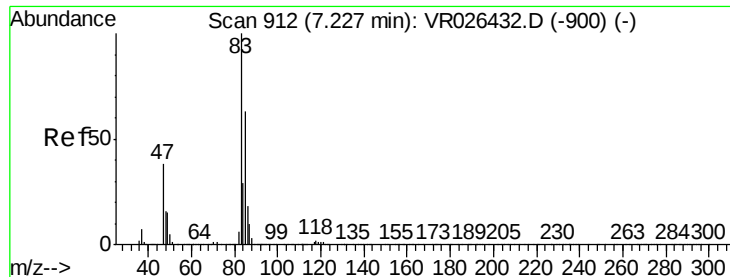


#23

Bromochloromethane
Concen: 0.818 ug/L
RT: 7.05 min Scan# 883
Delta R.T. -0.00 min
Lab File: VR026431.D
Acq: 3 Apr 2019 15:58

Tgt Ion: 128 Resp: 12607
Ion Ratio Lower Upper
128 100
49 191.7 158.3 293.9
130 111.3 90.0 167.2
51 61.7 51.8 77.8

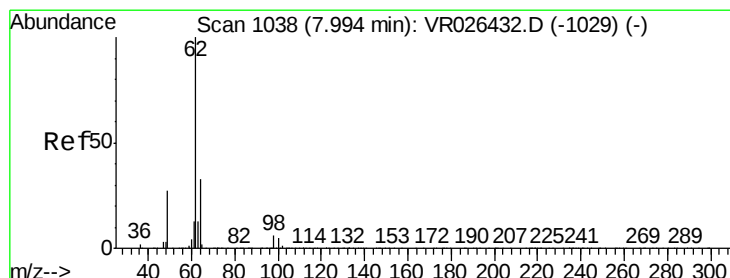
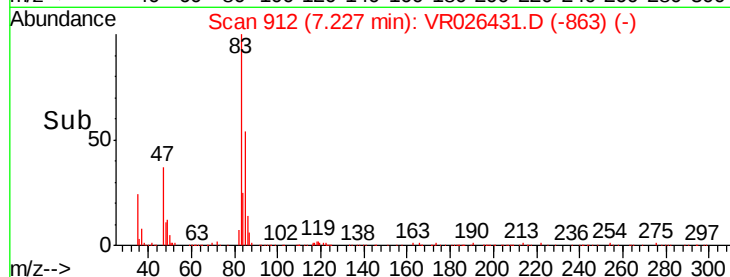
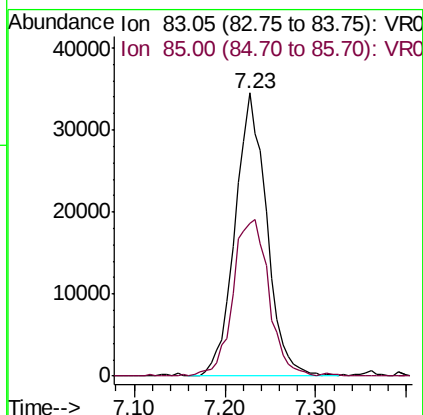
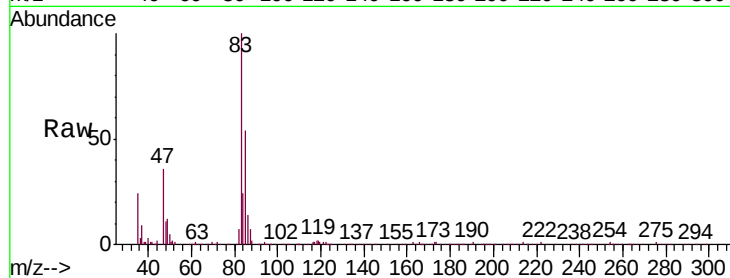




#25
Chloroform
Concen: 0.798 ug/L
RT: 7.23 min Scan# 912
Delta R.T. -0.00 min
Lab File: VR026431.D
Acq: 3 Apr 2019 15:58

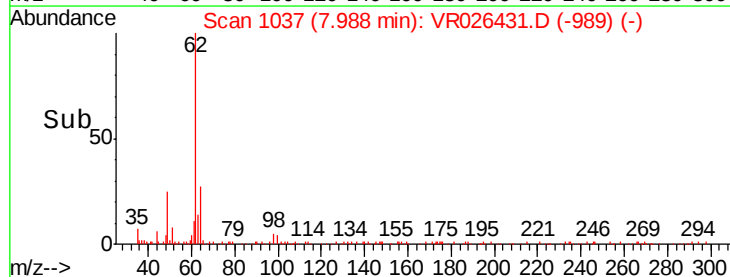
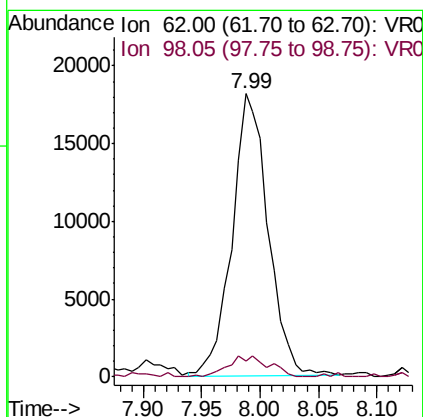
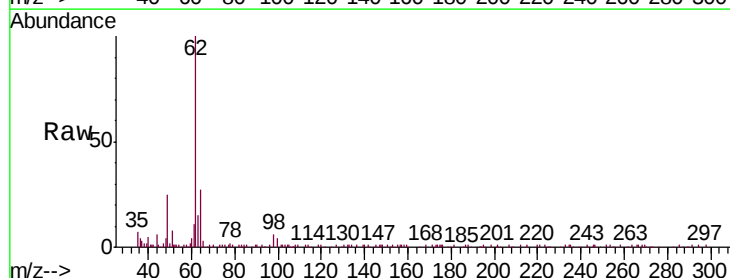
Instrument :
MSVOA_R
ClientSampleId :
VSTD00183

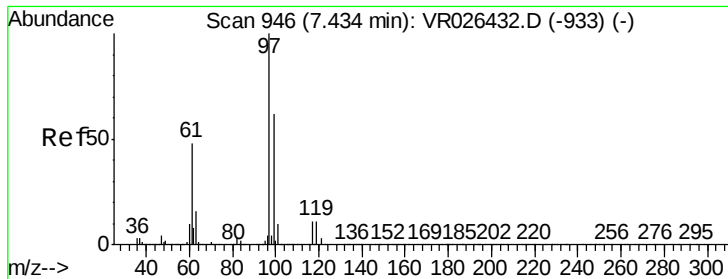
Tgt Ion: 83 Resp: 83272
Ion Ratio Lower Upper
83 100
85 53.9 44.2 82.0



#27
1,2-Dichloroethane
Concen: 0.782 ug/L
RT: 7.99 min Scan# 1037
Delta R.T. -0.01 min
Lab File: VR026431.D
Acq: 3 Apr 2019 15:58

Tgt Ion: 62 Resp: 39046
Ion Ratio Lower Upper
62 100
98 5.5 4.8 7.2

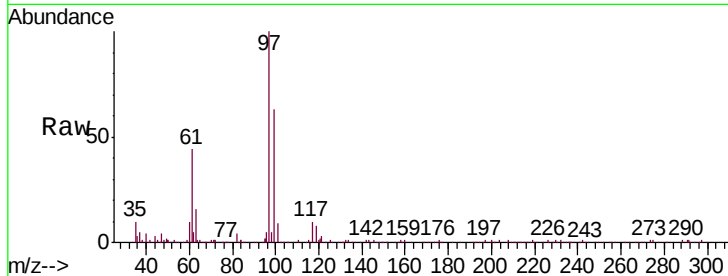




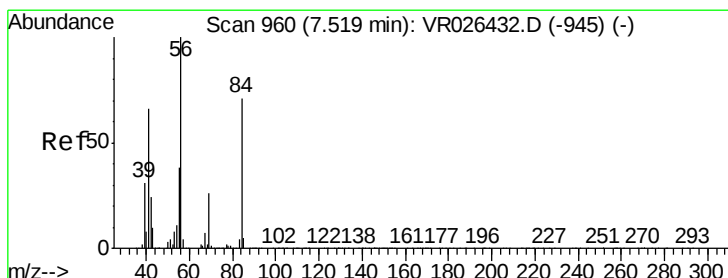
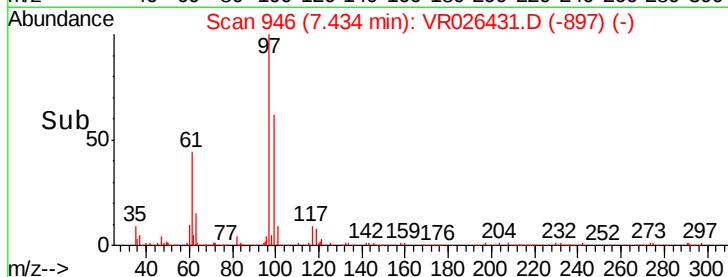
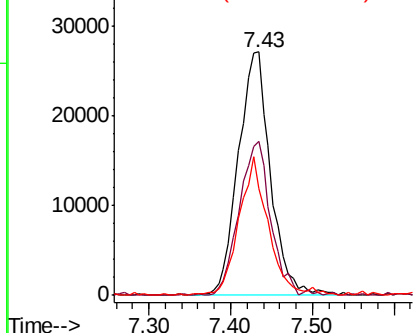
#29
 1,1,1-Trichloroethane
 Concen: 0.871 ug/L
 RT: 7.43 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: VR026431.D
 Acq: 3 Apr 2019 15:58

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00183

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.5	49.6	74.4
61	50.1	41.8	62.6

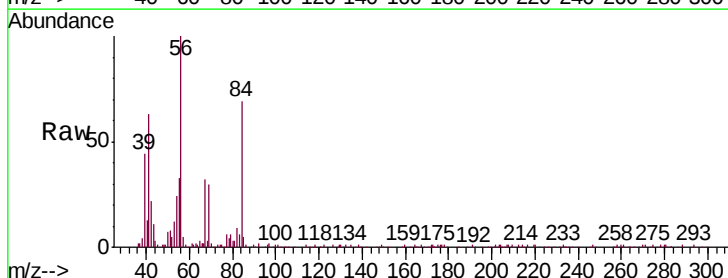


Abundance Ion 96.95 (96.65 to 97.65): VR0
 Ion 99.05 (98.75 to 99.75): VR0
 Ion 61.05 (60.75 to 61.75): VR0

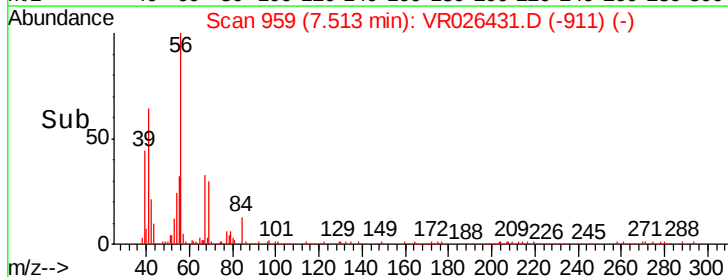
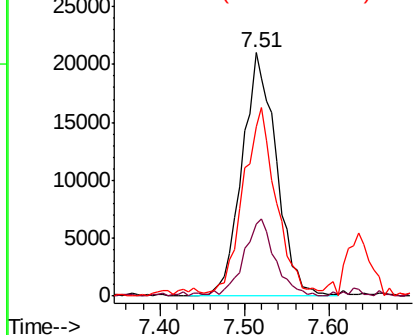


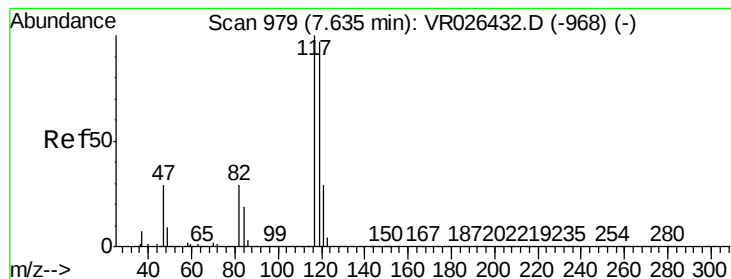
#30
 Cyclohexane
 Concen: 0.718 ug/L
 RT: 7.51 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: VR026431.D
 Acq: 3 Apr 2019 15:58

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.9	22.6	33.8
84	72.3	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: 0.856 ug/L

RT: 7.63 min Scan# 979

Delta R.T. -0.00 min

Lab File: VR026431.D

Acq: 3 Apr 2019 15:58

Instrument :

MSVOA_R

ClientSampleId :

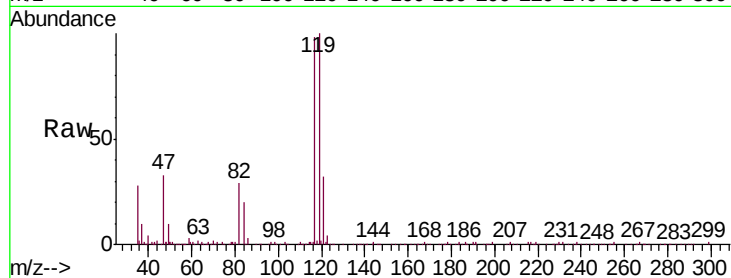
VSTD00183

Tgt Ion:117 Resp: 67778

Ion Ratio Lower Upper

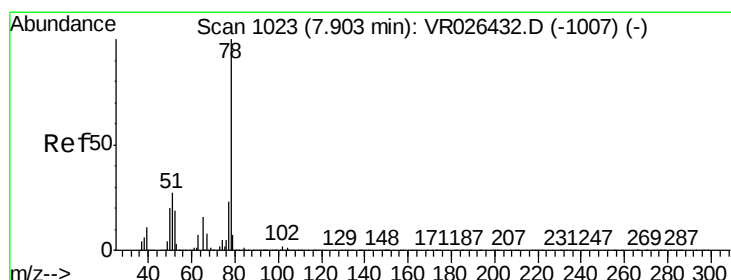
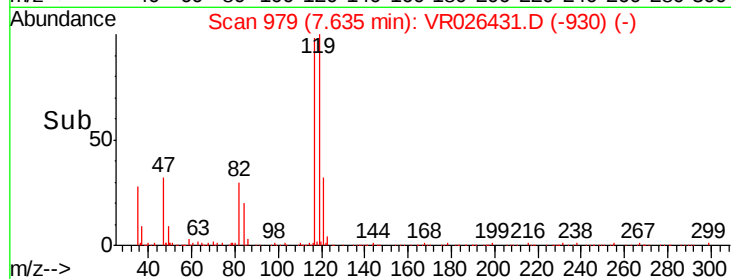
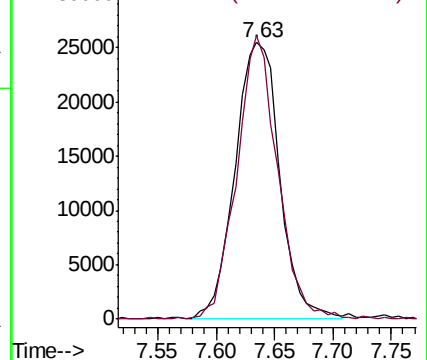
117 100

119 93.9 75.9 113.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.776 ug/L

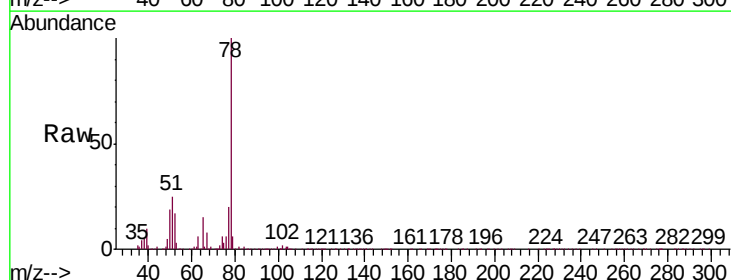
RT: 7.90 min Scan# 1023

Delta R.T. -0.00 min

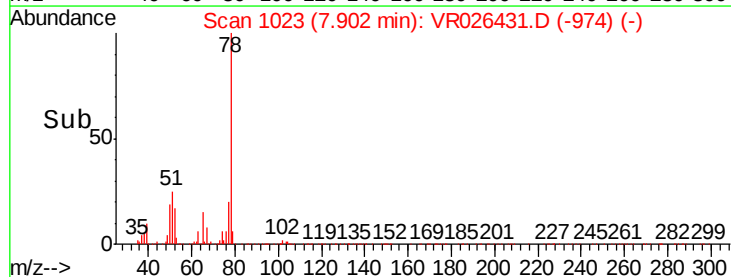
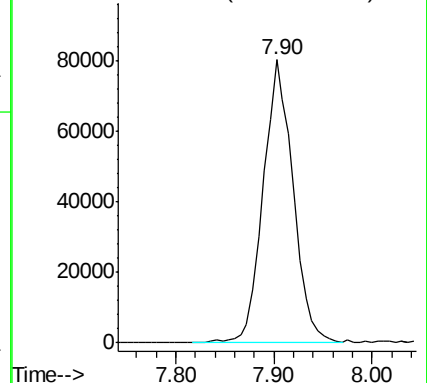
Lab File: VR026431.D

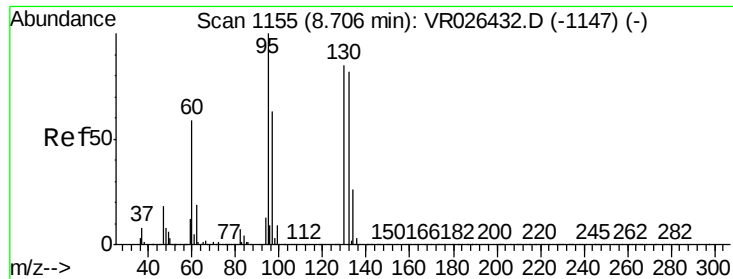
Acq: 3 Apr 2019 15:58

Tgt Ion: 78 Resp: 170987



Abundance Ion 78.10 (77.80 to 78.80): VR0

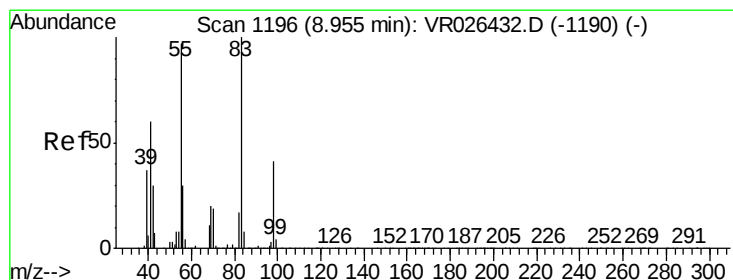
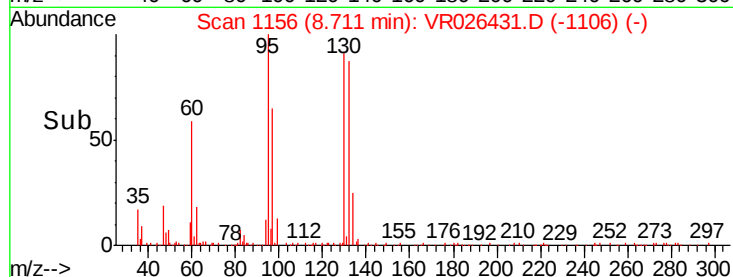
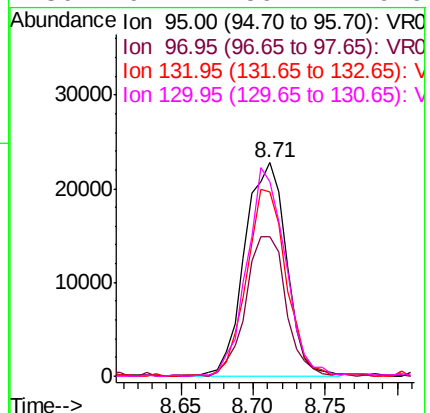
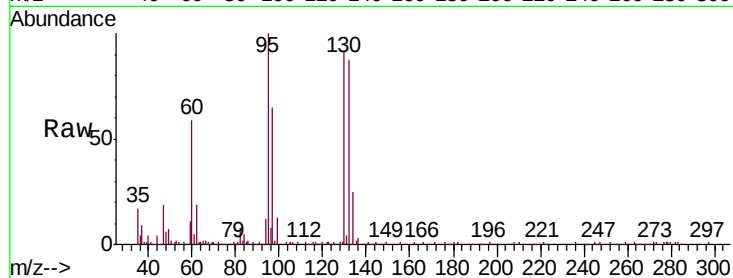




#34
 Trichloroethene
 Concen: 0.819 ug/L
 RT: 8.71 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: VR026431.D
 Acq: 3 Apr 2019 15:58

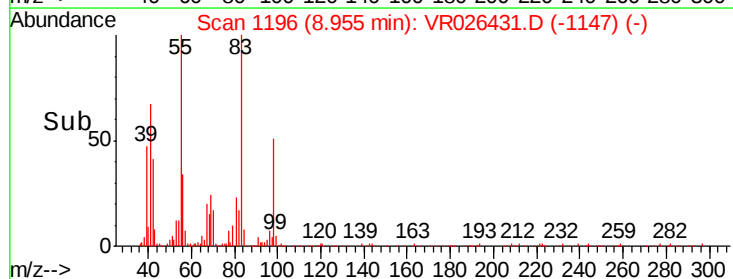
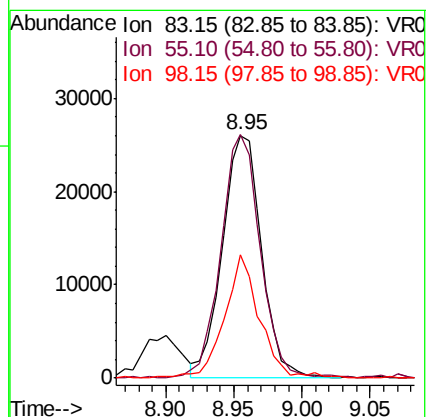
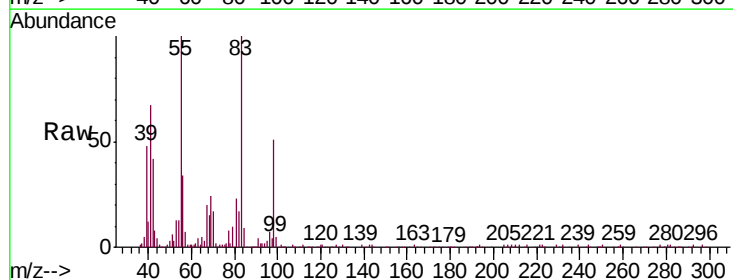
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00183

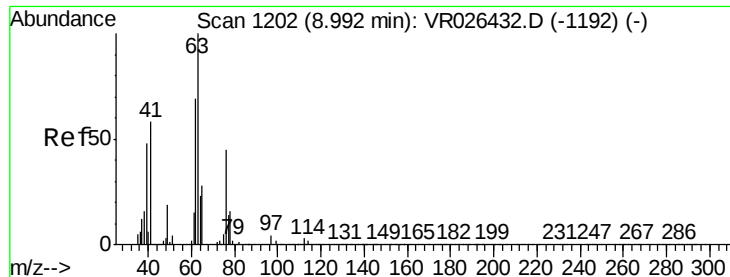
Tgt Ion:	95	Resp:	45660
Ion	Ratio	Lower	Upper
95	100		
97	65.4	43.8	81.3
132	86.6	57.2	106.2
130	91.1	59.7	110.9



#35
 Methylcyclohexane
 Concen: 0.647 ug/L
 RT: 8.95 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: VR026431.D
 Acq: 3 Apr 2019 15:58

Tgt Ion:	83	Resp:	51552
Ion	Ratio	Lower	Upper
83	100		
55	102.2	73.8	110.6
98	46.3	34.6	51.8





#37

1,2-Dichloropropane

Concen: 0.818 ug/L

RT: 8.99 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VR026431.D

Acq: 3 Apr 2019 15:58

Instrument :

MSVOA_R

ClientSampleId :

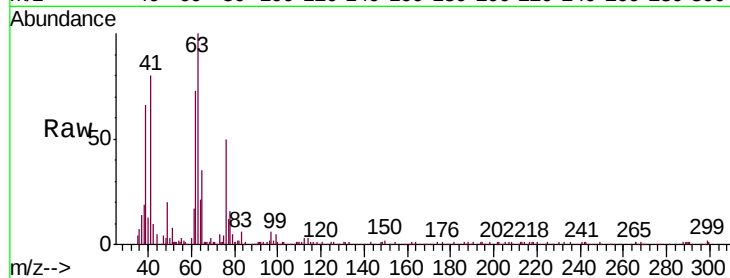
VSTD00183

Tgt Ion: 63 Resp: 38204

Ion Ratio Lower Upper

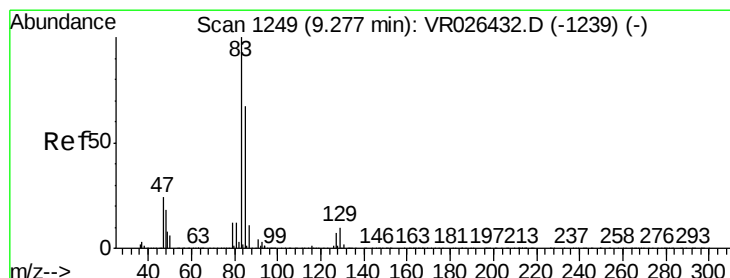
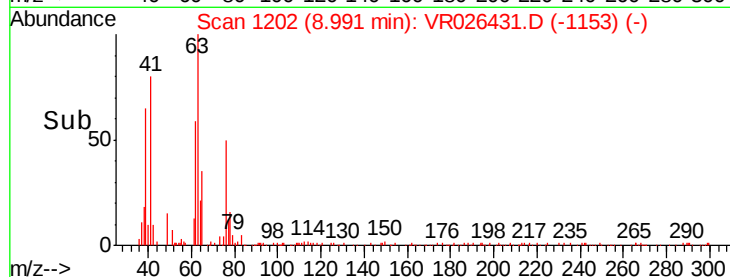
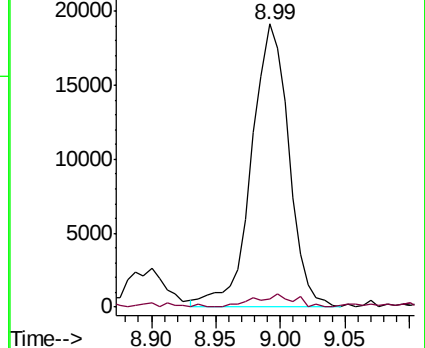
63 100

112 4.9 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V



#38

Bromodichloromethane

Concen: 0.807 ug/L

RT: 9.28 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VR026431.D

Acq: 3 Apr 2019 15:58

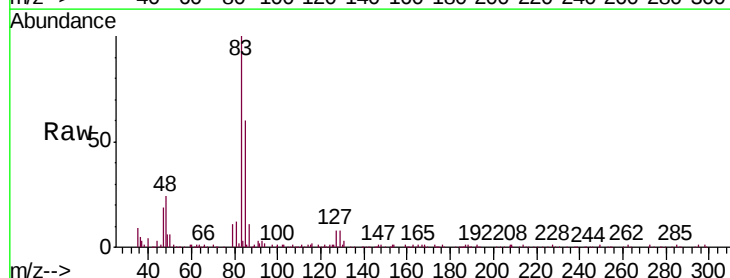
Tgt Ion: 83 Resp: 43381

Ion Ratio Lower Upper

83 100

85 61.4 46.6 86.6

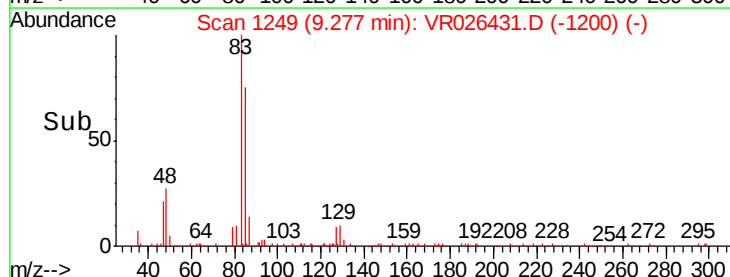
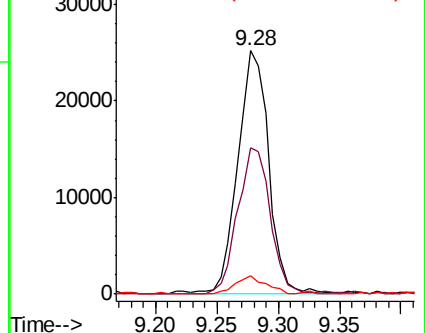
127 7.5 5.6 8.4

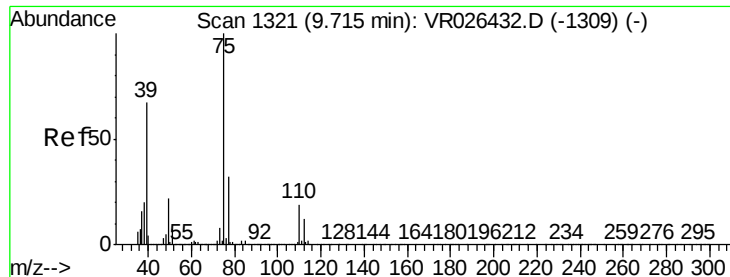


Abundance Ion 82.95 (82.65 to 83.65): VR0

Ion 85.00 (84.70 to 85.70): VR0

Ion 126.90 (126.60 to 127.60): V

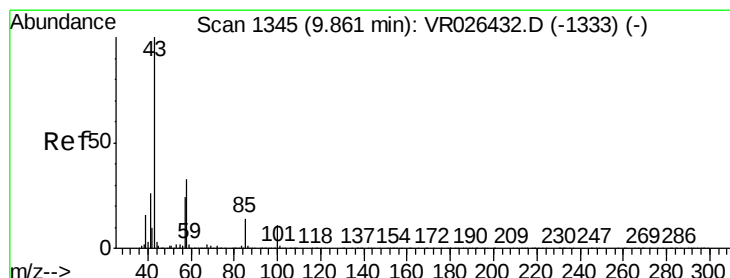
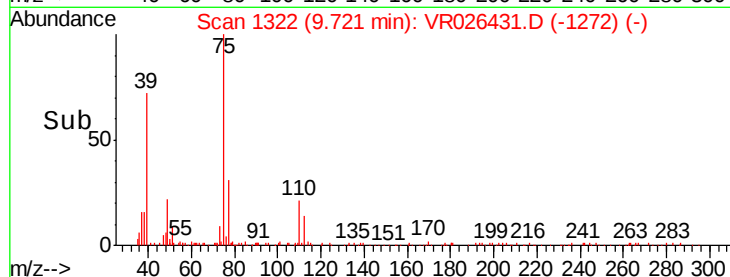
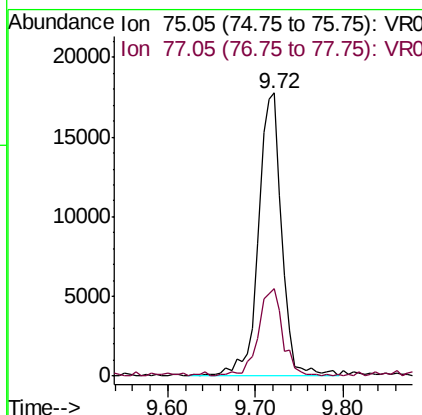
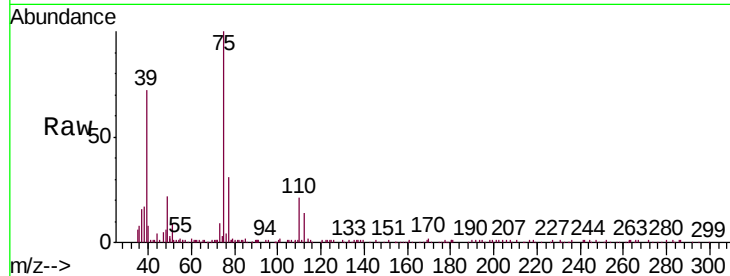




#39
 cis-1,3-Dichloropropene
 Concen: 0.638 ug/L
 RT: 9.72 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VR026431.D
 Acq: 3 Apr 2019 15:58

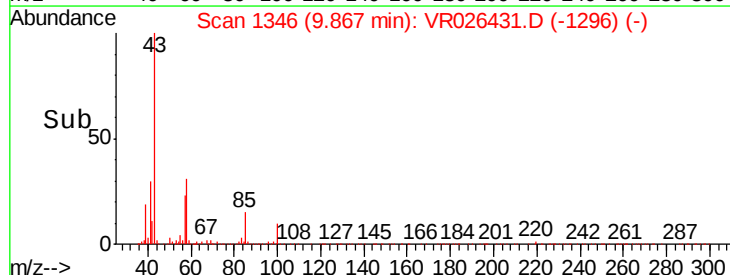
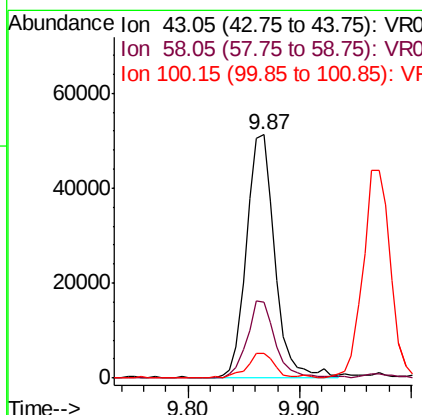
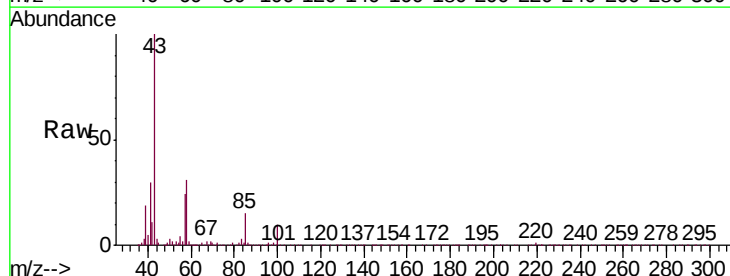
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00183

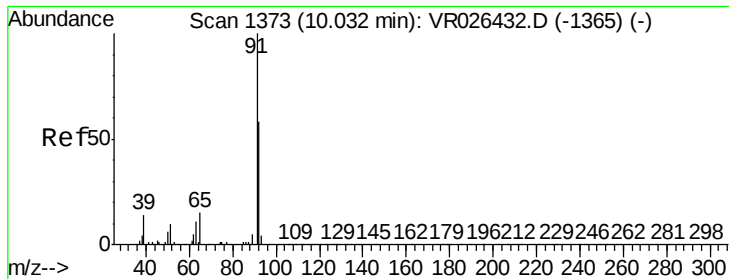
Tgt Ion: 75 Resp: 32946
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 7.059 ug/L
 RT: 9.87 min Scan# 1346
 Delta R.T. 0.01 min
 Lab File: VR026431.D
 Acq: 3 Apr 2019 15:58

Tgt Ion: 43 Resp: 91432
 Ion Ratio Lower Upper
 43 100
 58 31.5 27.0 40.4
 100 9.8 8.9 13.3





#42

Toluene

Concen: 0.732 ug/L

RT: 10.04 min Scan# 1374

Delta R.T. 0.01 min

Lab File: VR026431.D

Acq: 3 Apr 2019 15:58

Instrument :

MSVOA_R

ClientSampleId :

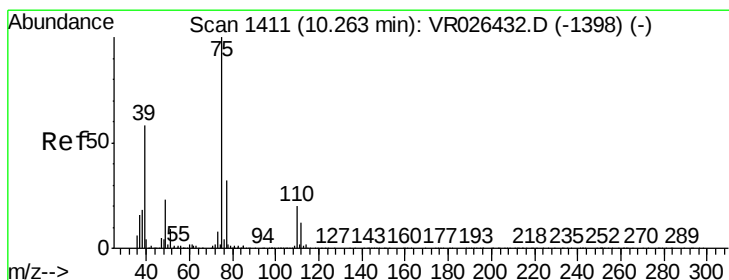
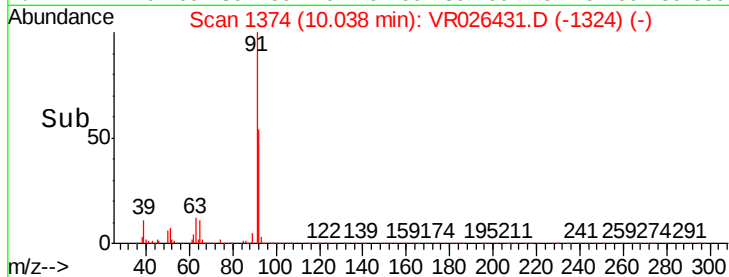
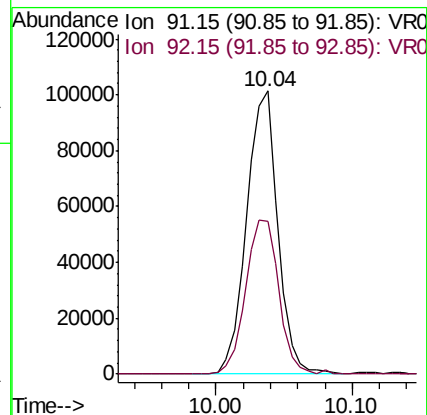
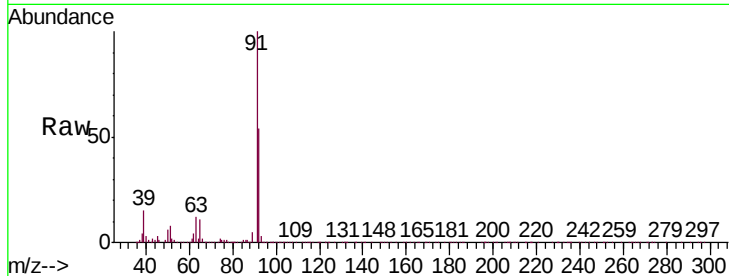
VSTD00183

Tgt Ion: 91 Resp: 162332

Ion Ratio Lower Upper

91 100

92 53.9 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 0.647 ug/L

RT: 10.26 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VR026431.D

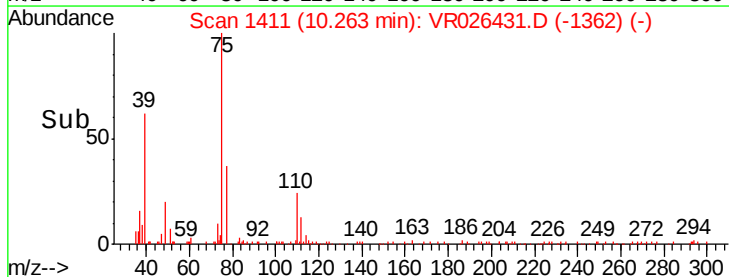
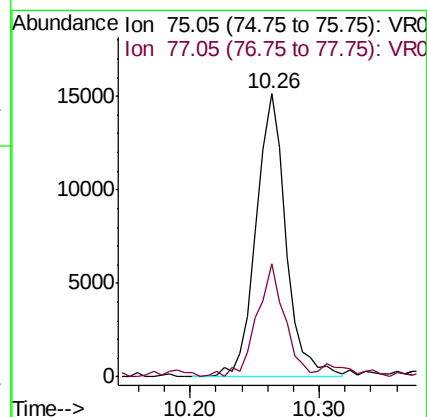
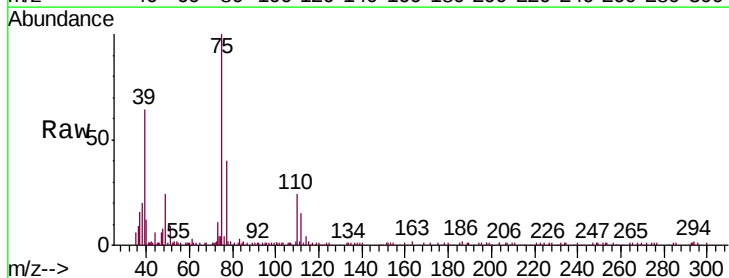
Acq: 3 Apr 2019 15:58

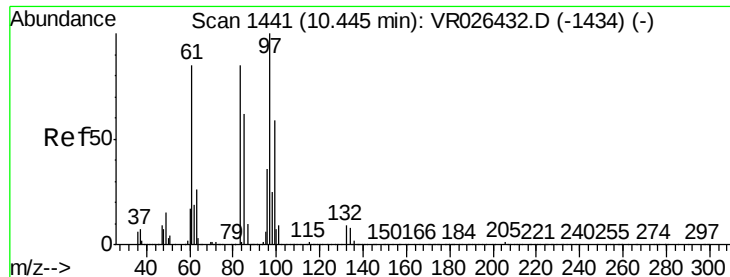
Tgt Ion: 75 Resp: 24104

Ion Ratio Lower Upper

75 100

77 40.2 22.7 42.1

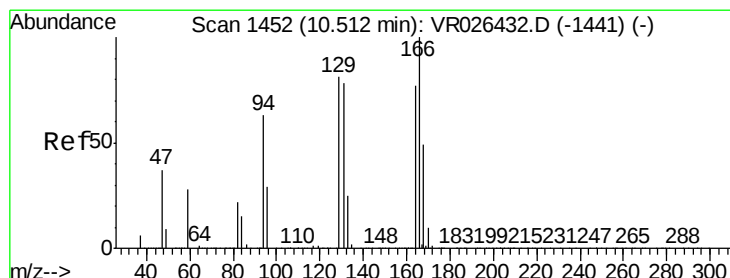
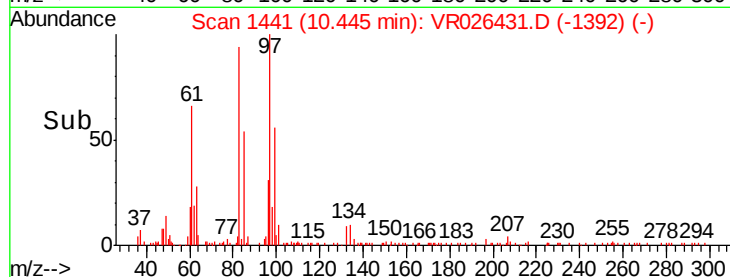
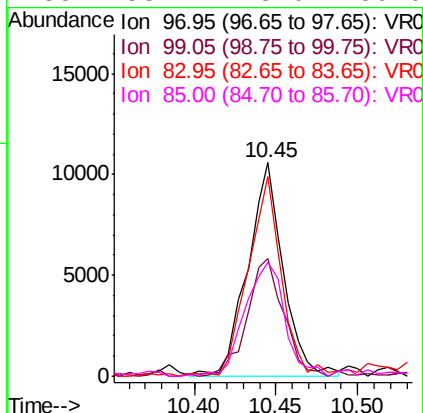
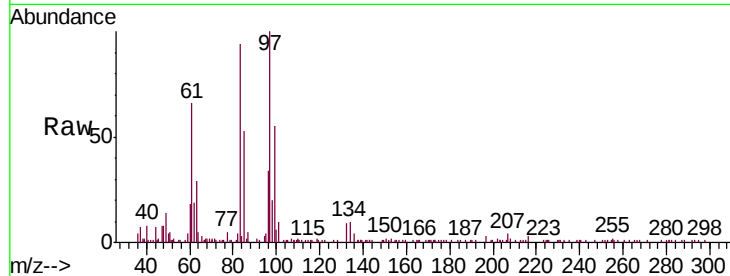




#45
 1,1,2-Trichloroethane
 Concen: 0.834 ug/L
 RT: 10.45 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VR026431.D
 Acq: 3 Apr 2019 15:58

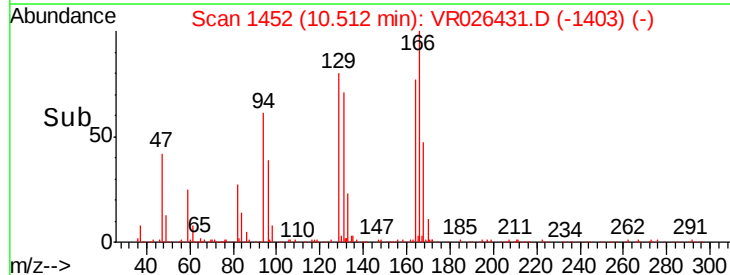
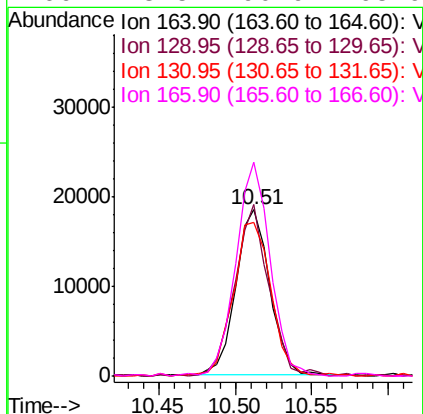
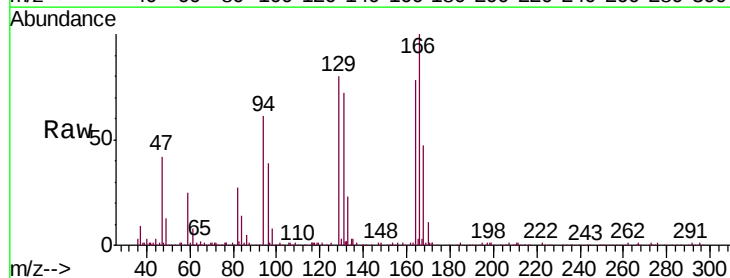
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00183

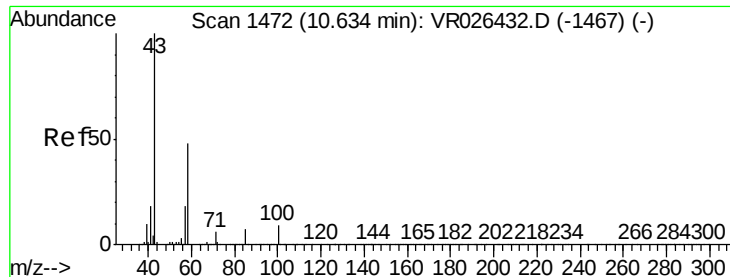
Tgt Ion:	97	Resp:	16082
Ion	Ratio	Lower	Upper
97	100		
99	55.2	41.7	77.5
83	93.5	59.5	110.5
85	53.4	43.0	80.0



#47
 Tetrachloroethene
 Concen: 0.708 ug/L
 RT: 10.51 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: VR026431.D
 Acq: 3 Apr 2019 15:58

Tgt Ion:	164	Resp:	28442
Ion	Ratio	Lower	Upper
164	100		
129	103.2	74.1	137.5
131	92.1	71.3	132.5
166	128.5	90.9	168.9

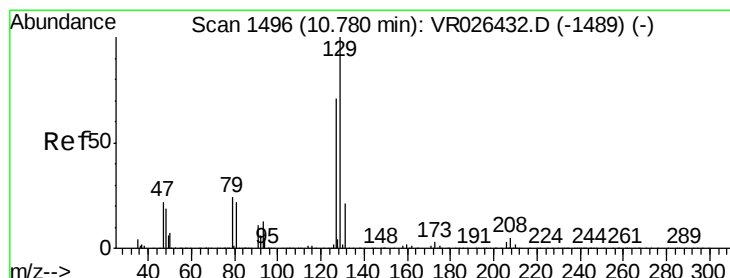
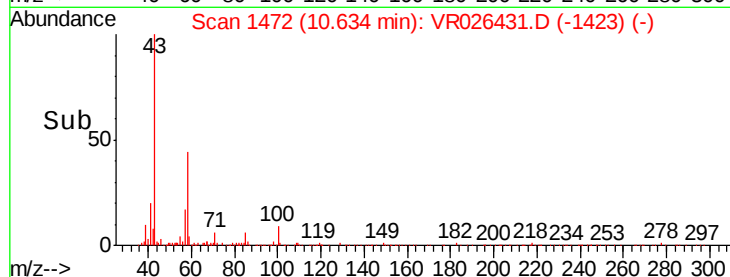
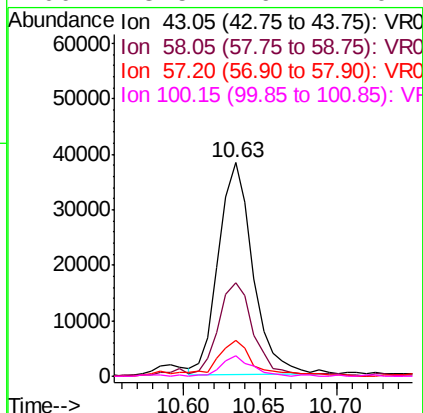
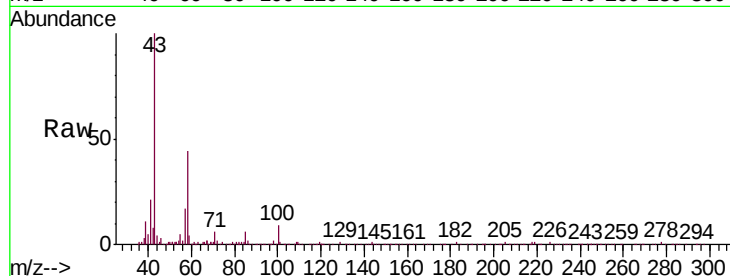




#48
2-Hexanone
Concen: 6.691 ug/L
RT: 10.63 min Scan# 1472
Delta R.T. -0.00 min
Lab File: VR026431.D
Acq: 3 Apr 2019 15:58

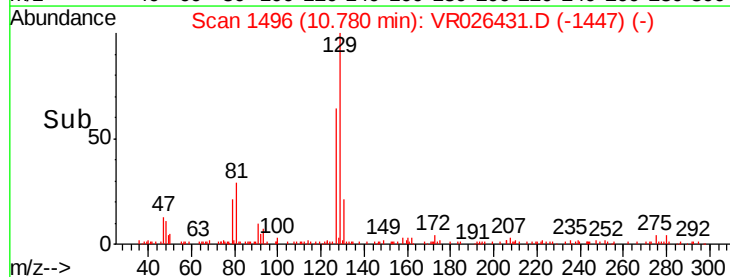
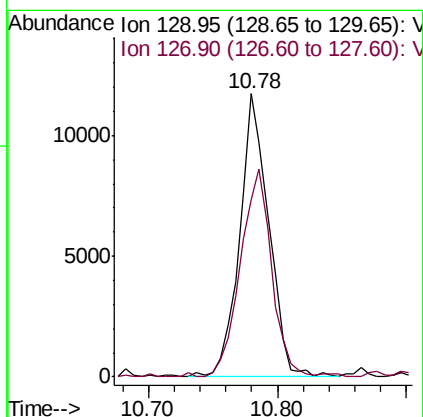
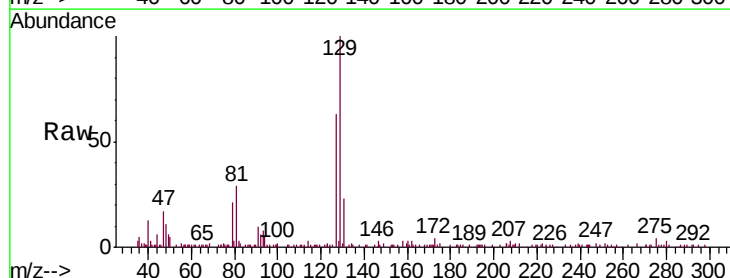
Instrument :
MSVOA_R
ClientSampleId :
VSTD00183

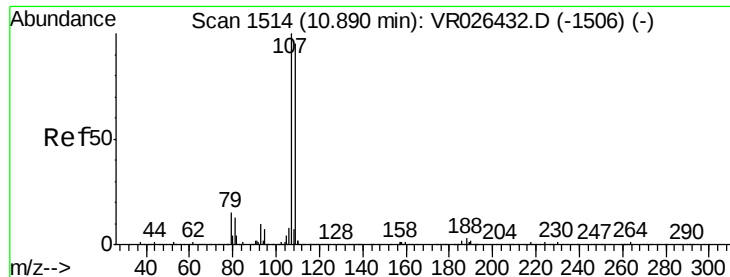
Tgt Ion:	43	Resp:	59820
Ion	Ratio	Lower	Upper
43	100		
58	47.8	38.2	57.2
57	17.5	13.8	20.6
100	8.5	6.2	9.2



#49
Dibromochloromethane
Concen: 0.759 ug/L
RT: 10.78 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VR026431.D
Acq: 3 Apr 2019 15:58

Tgt Ion:	129	Resp:	18250
Ion	Ratio	Lower	Upper
129	100		
127	62.7	50.2	93.2

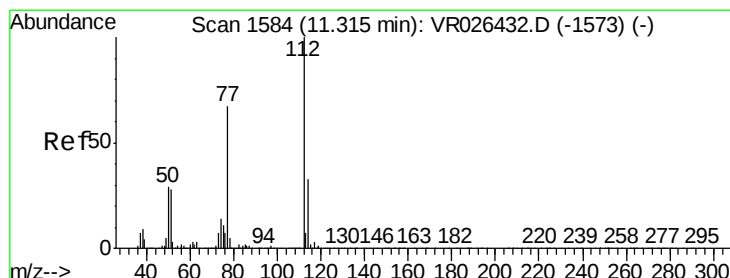
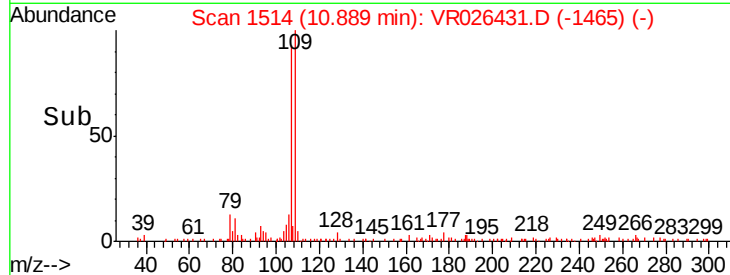
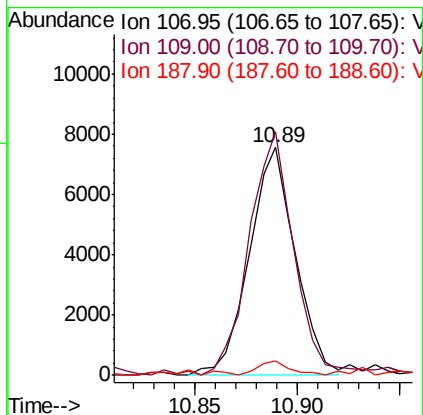
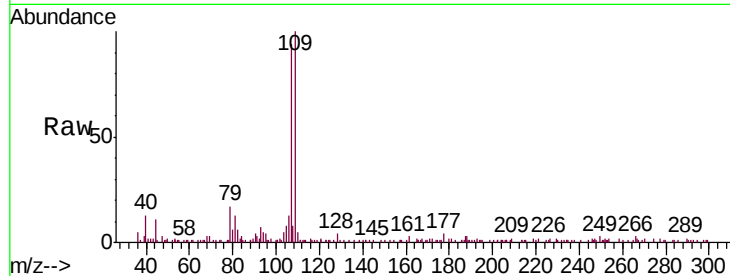




#50
1,2-Dibromoethane
Concen: 0.770 ug/L
RT: 10.89 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VR026431.D
Acq: 3 Apr 2019 15:58

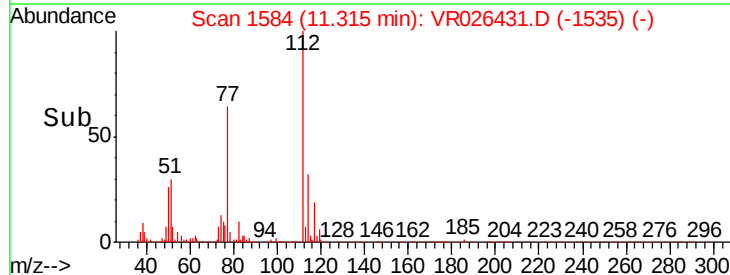
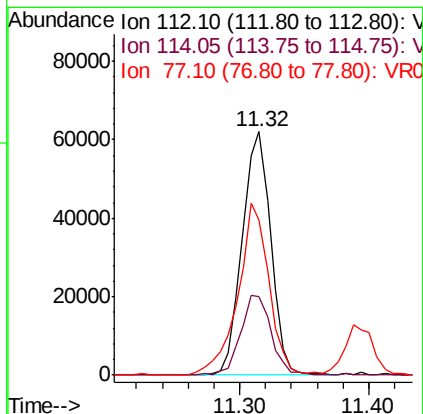
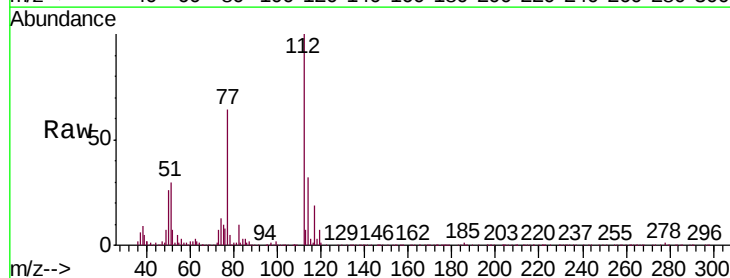
Instrument :
MSVOA_R
ClientSampleId :
VSTD00183

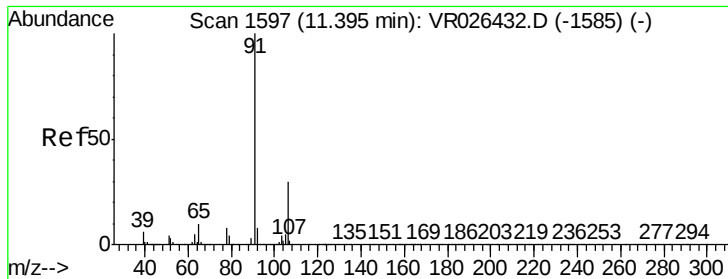
Tgt Ion:107 Resp: 11829
Ion Ratio Lower Upper
107 100
109 106.8 66.8 124.2
188 6.4 2.8 4.2#



#51
Chlorobenzene
Concen: 0.786 ug/L
RT: 11.32 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VR026431.D
Acq: 3 Apr 2019 15:58

Tgt Ion:112 Resp: 95083
Ion Ratio Lower Upper
112 100
114 32.2 23.1 42.9
77 64.0 53.8 80.8





#52

Ethylbenzene

Concen: 0.717 ug/L

RT: 11.39 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VR026431.D

Acq: 3 Apr 2019 15:58

Instrument :

MSVOA_R

ClientSampleId :

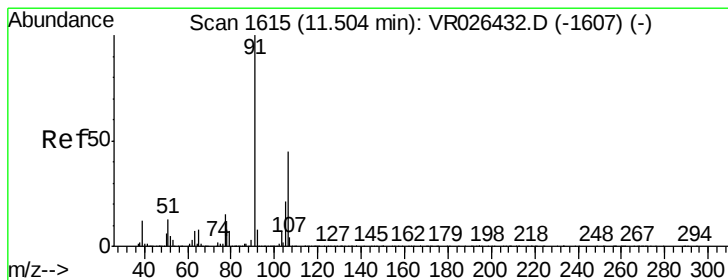
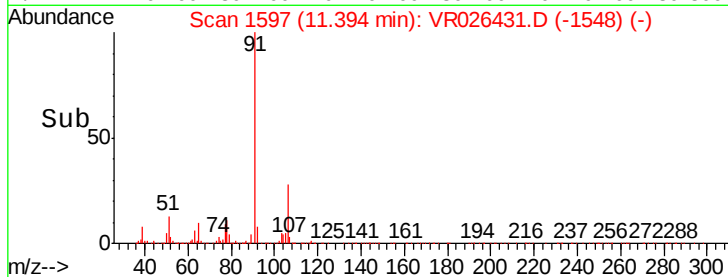
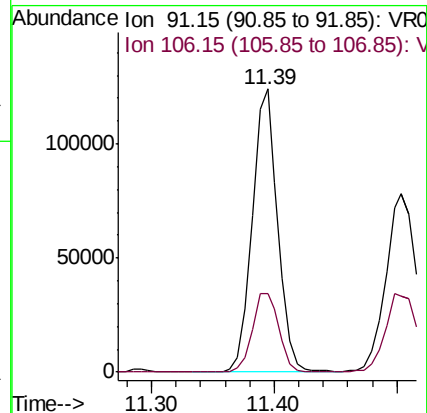
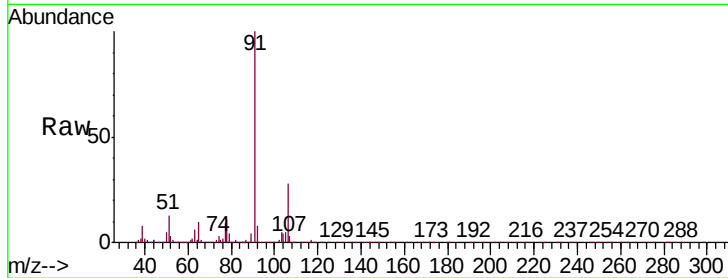
VSTD00183

Tgt Ion: 91 Resp: 178975

Ion Ratio Lower Upper

91 100

106 27.9 20.7 38.5



#53

m,p-Xylene

Concen: 0.699 ug/L

RT: 11.50 min Scan# 1614

Delta R.T. -0.01 min

Lab File: VR026431.D

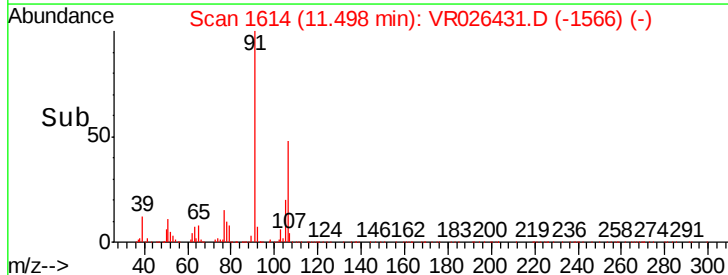
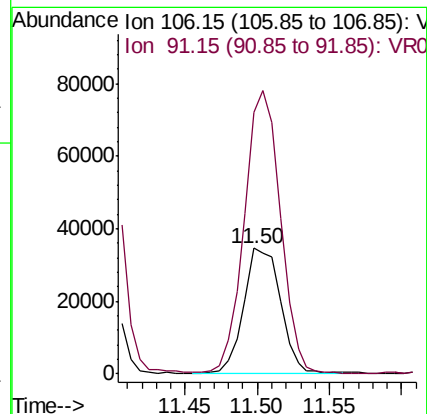
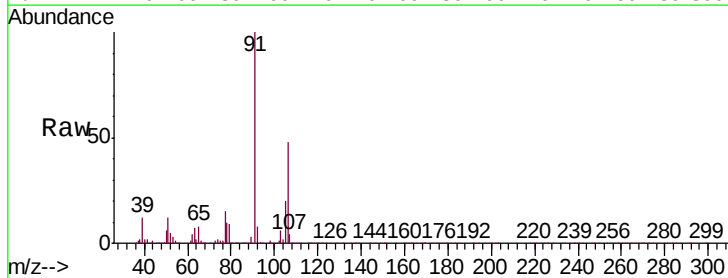
Acq: 3 Apr 2019 15:58

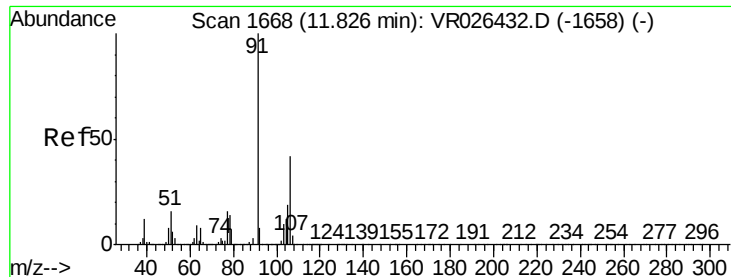
Tgt Ion: 106 Resp: 61822

Ion Ratio Lower Upper

106 100

91 208.3 155.6 289.0

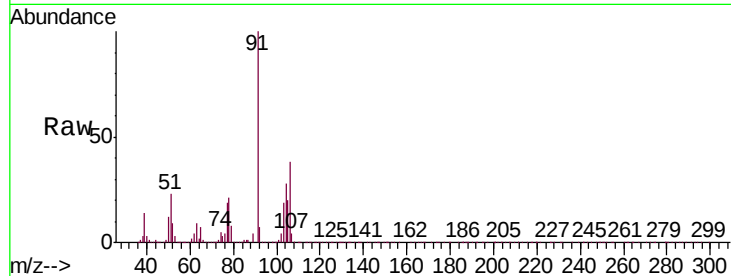




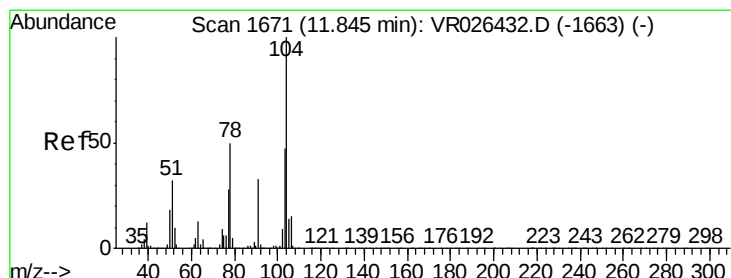
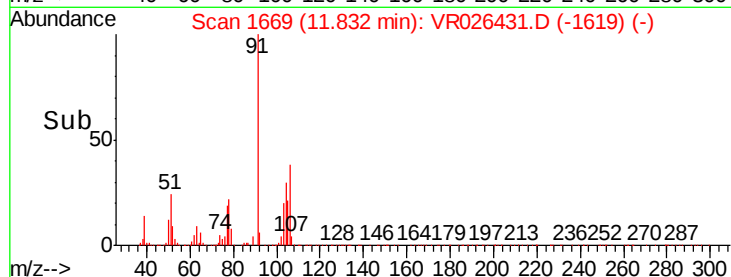
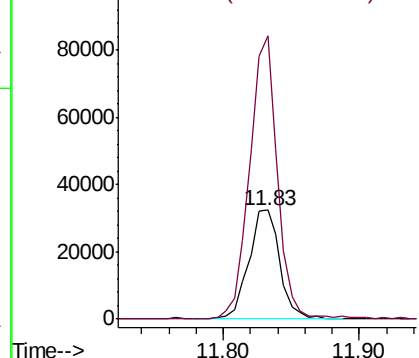
#54
o-Xylene
Concen: 0.663 ug/L
RT: 11.83 min Scan# 1669
Delta R.T. 0.01 min
Lab File: VR026431.D
Acq: 3 Apr 2019 15:58

Instrument :
MSVOA_R
ClientSampleId :
VSTD00183

Tgt Ion:106 Resp: 51598
Ion Ratio Lower Upper
106 100
91 260.1 166.2 308.6

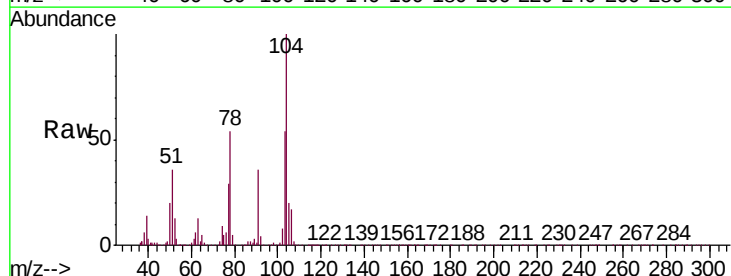


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VR0

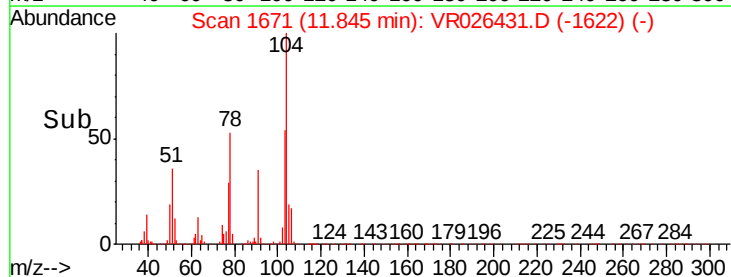
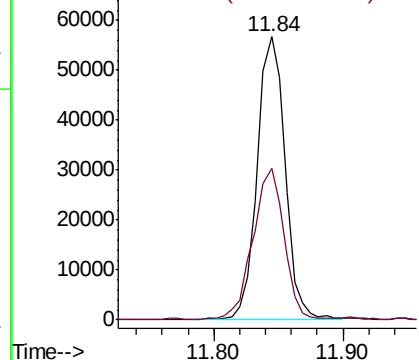


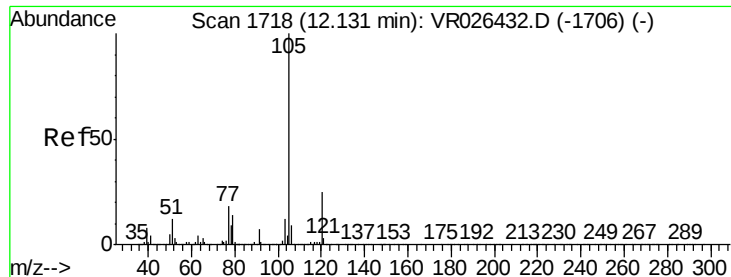
#55
Styrene
Concen: 0.686 ug/L
RT: 11.84 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VR026431.D
Acq: 3 Apr 2019 15:58

Tgt Ion:104 Resp: 84493
Ion Ratio Lower Upper
104 100
78 53.5 35.2 65.4



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VR0





#56

Isopropylbenzene

Concen: 0.671 ug/L

RT: 12.13 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VR026431.D

Acq: 3 Apr 2019 15:58

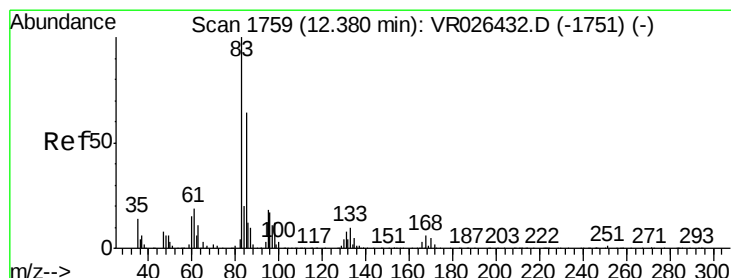
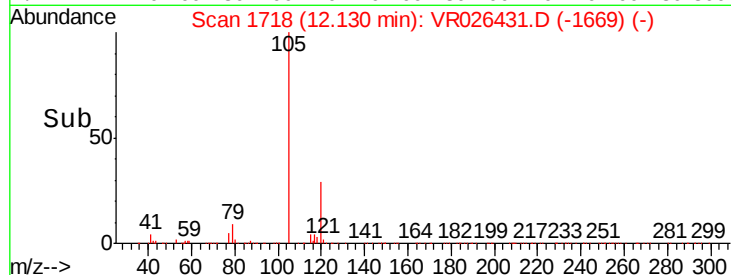
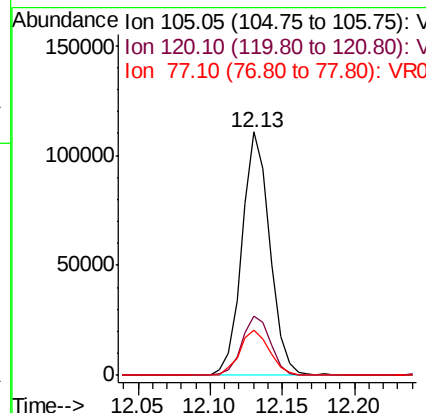
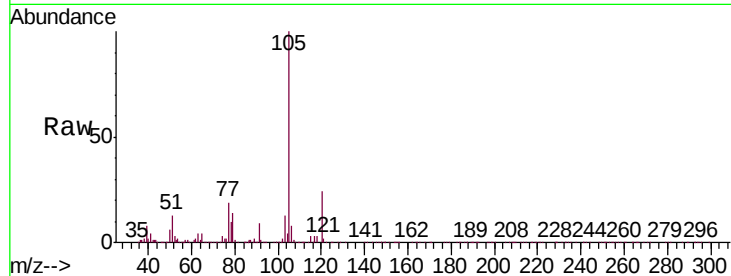
Instrument :

MSVOA_R

ClientSampleId :

VSTD00183

Tgt Ion:	105	Resp:	148547
Ion Ratio	Lower	Upper	
105	100		
120	25.3	20.2	30.2
77	20.1	14.7	22.1



#58

1,1,2,2-Tetrachloroethane

Concen: 0.843 ug/L

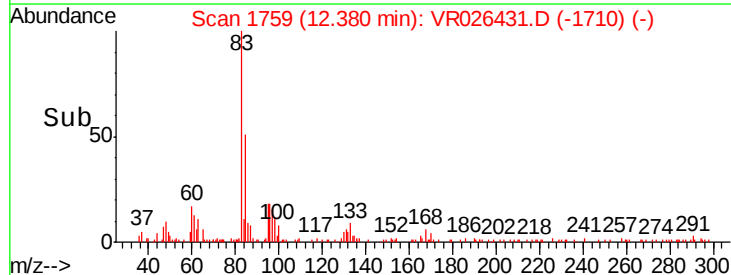
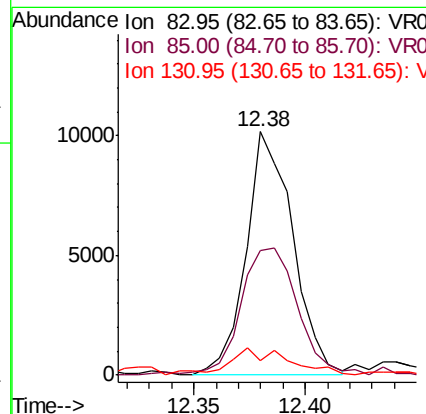
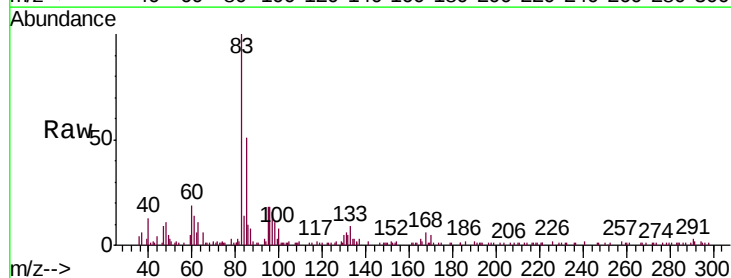
RT: 12.38 min Scan# 1759

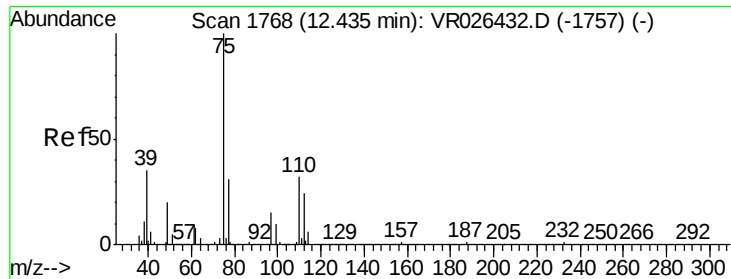
Delta R.T. -0.00 min

Lab File: VR026431.D

Acq: 3 Apr 2019 15:58

Tgt Ion:	83	Resp:	14864
Ion Ratio	Lower	Upper	
83	100		
85	51.2	45.1	83.7
131	6.0	6.9	10.3#





#59

1,2,3-Trichloropropane

Concen: 0.783 ug/L

RT: 12.43 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VR026431.D

Acq: 3 Apr 2019 15:58

Instrument :

MSVOA_R

ClientSampleId :

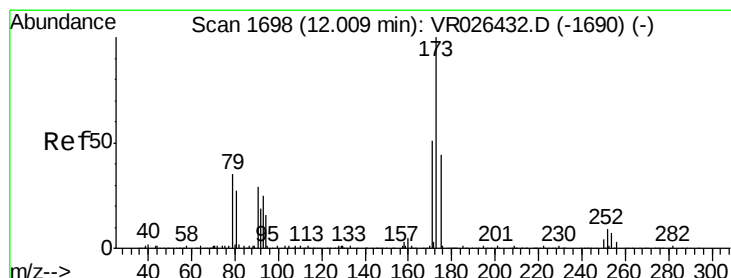
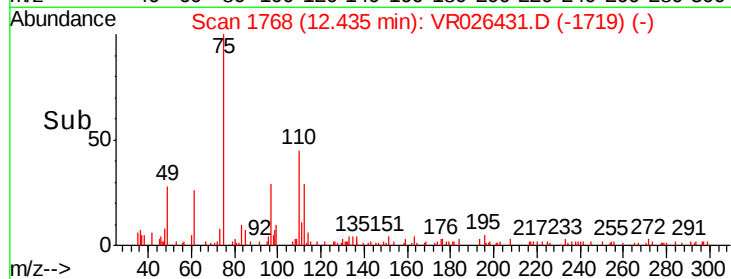
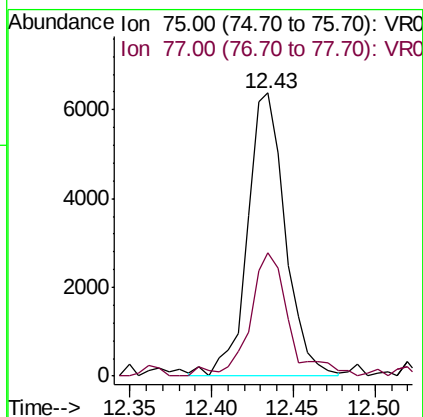
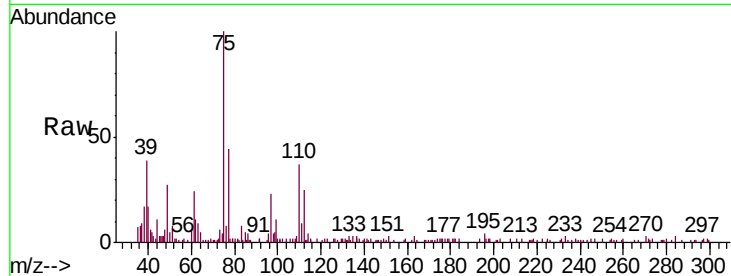
VSTD00183

Tgt Ion: 75 Resp: 10290

Ion Ratio Lower Upper

75 100

77 44.7 25.0 37.4#



#61

Bromoform

Concen: 0.794 ug/L

RT: 12.01 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VR026431.D

Acq: 3 Apr 2019 15:58

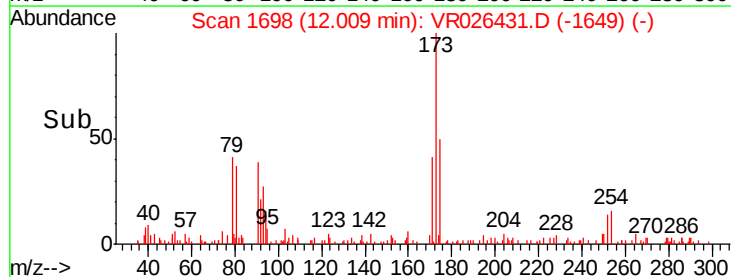
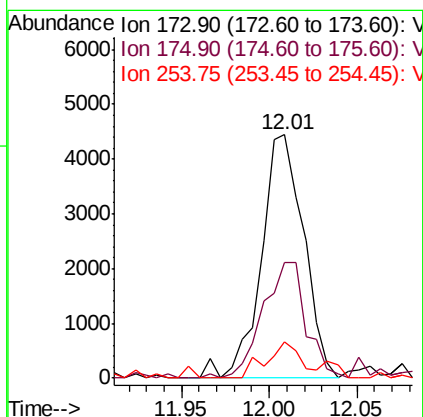
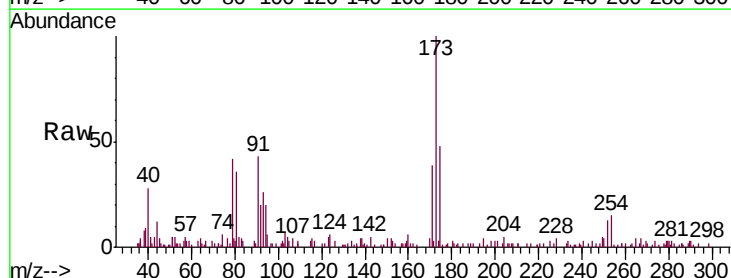
Tgt Ion: 173 Resp: 7517

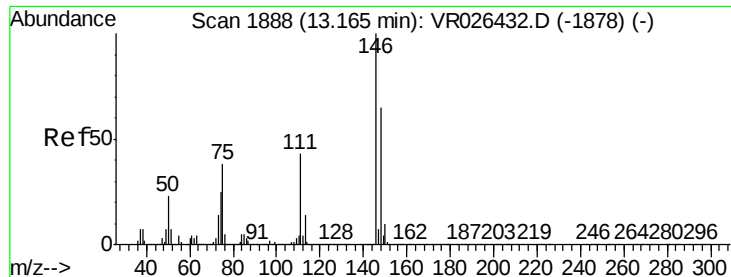
Ion Ratio Lower Upper

173 100

175 48.4 36.6 54.8

254 12.1 8.0 12.0#

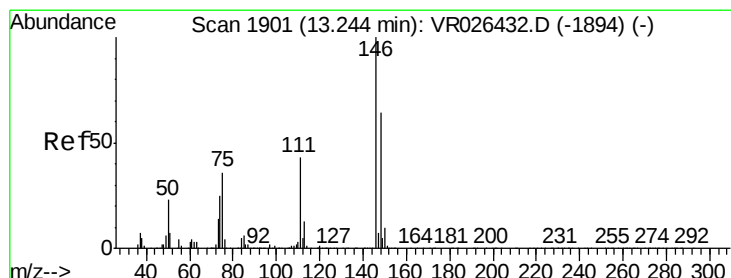
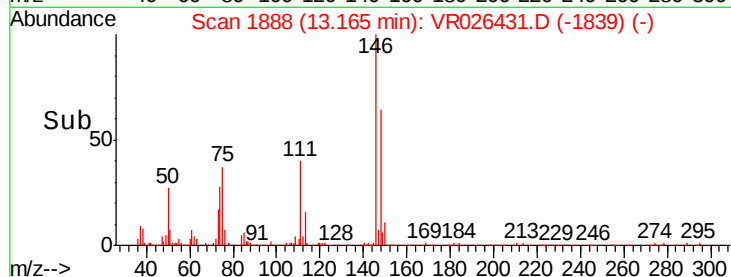
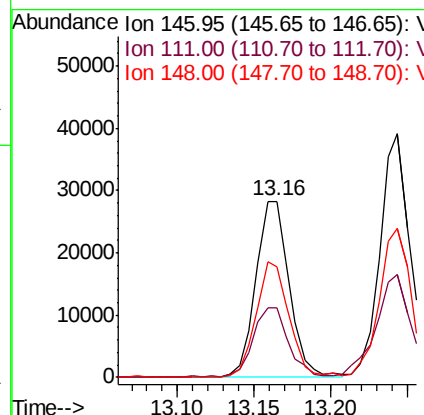
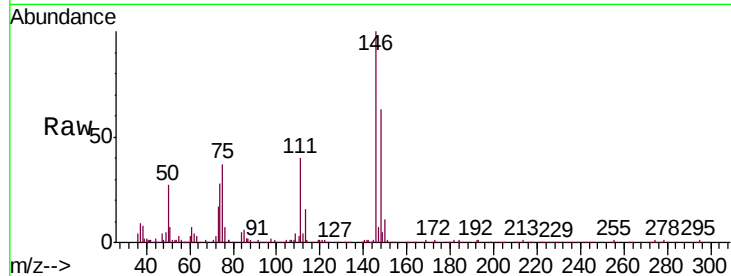




#62
 1,3-Dichlorobenzene
 Concen: 0.680 ug/L
 RT: 13.16 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VR026431.D
 Acq: 3 Apr 2019 15:58

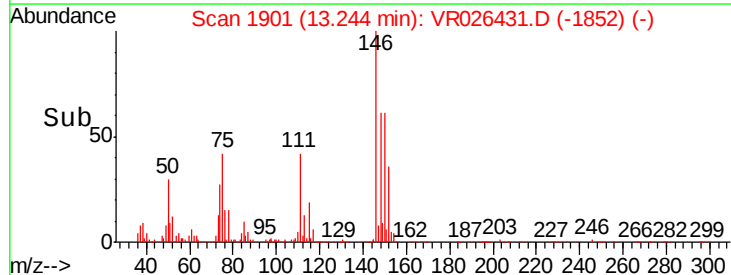
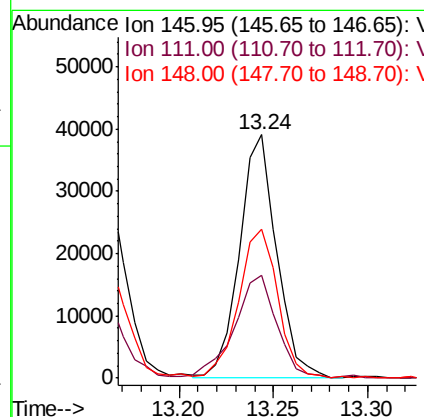
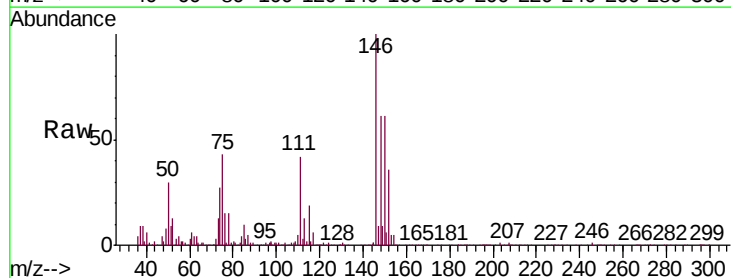
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00183

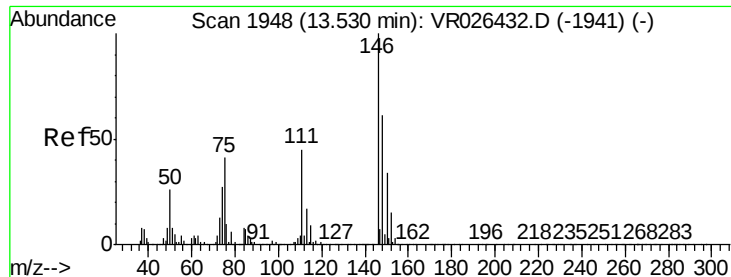
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	30.4	56.5
148	63.0	45.4	84.2



#63
 1,4-Dichlorobenzene
 Concen: 0.760 ug/L
 RT: 13.24 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VR026431.D
 Acq: 3 Apr 2019 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	30.5	56.7
148	61.1	45.0	83.6

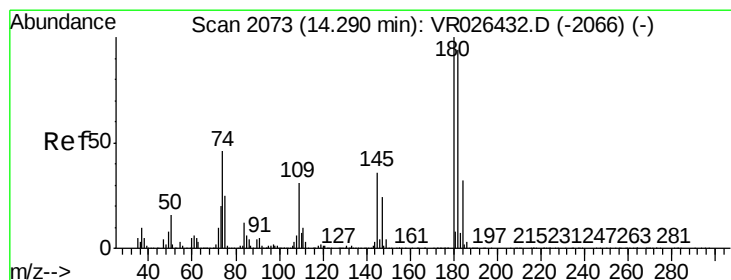
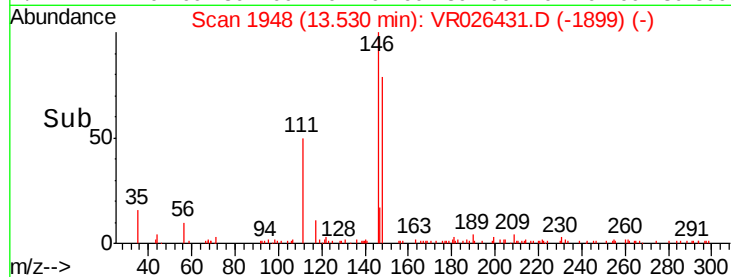
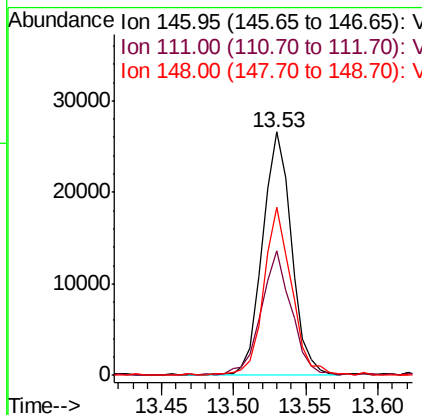
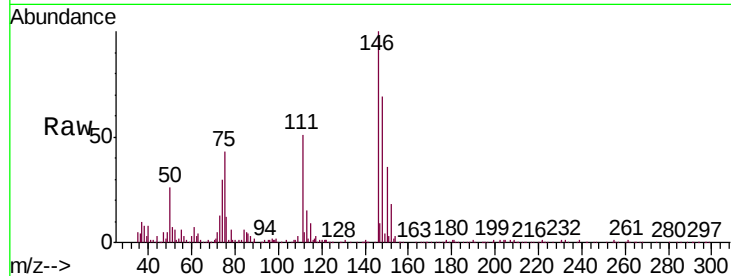




#65
 1,2-Dichlorobenzene
 Concen: 0.710 ug/L
 RT: 13.53 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: VR026431.D
 Acq: 3 Apr 2019 15:58

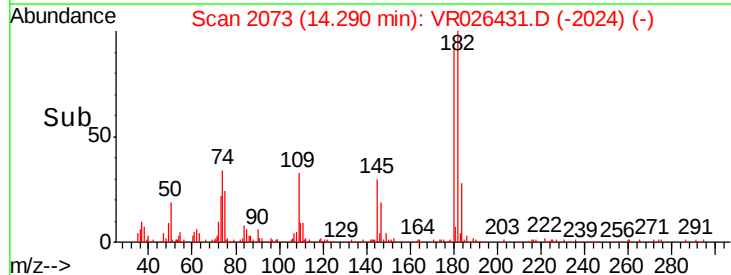
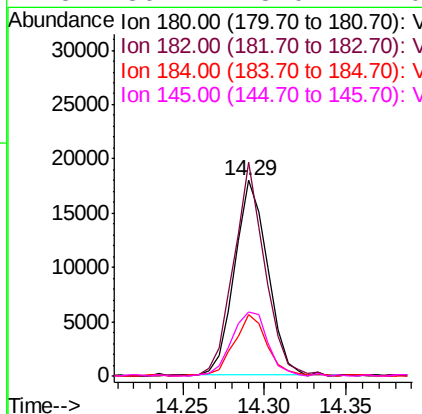
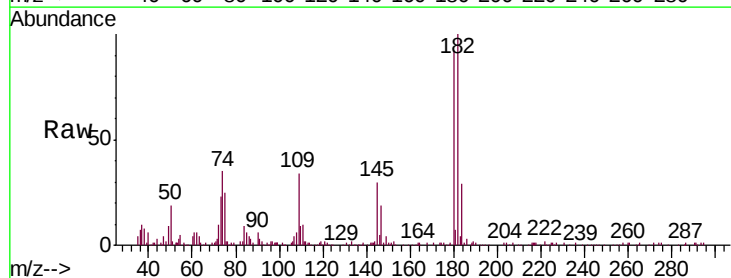
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00183

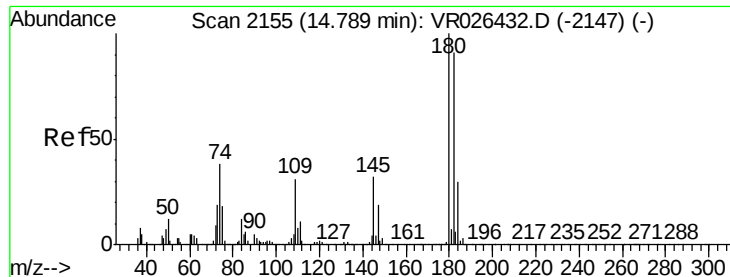
Tgt Ion:146 Resp: 36982
 Ion Ratio Lower Upper
 146 100
 111 50.9 35.8 53.6
 148 68.8 48.9 73.3



#67
 1,3,5-Trichlorobenzene
 Concen: 0.644 ug/L
 RT: 14.29 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: VR026431.D
 Acq: 3 Apr 2019 15:58

Tgt Ion:180 Resp: 25313
 Ion Ratio Lower Upper
 180 100
 182 103.7 75.8 113.6
 184 32.3 25.0 37.4
 145 36.1 28.0 42.0

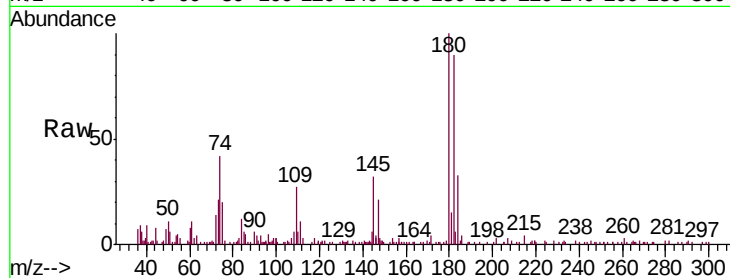




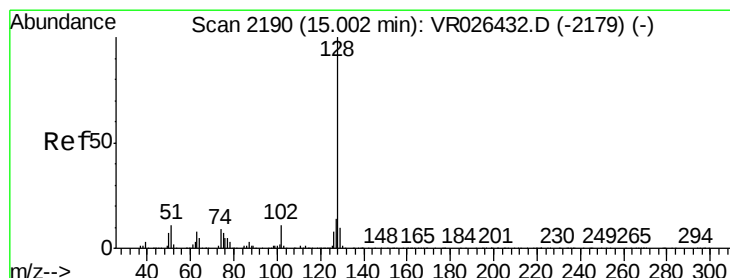
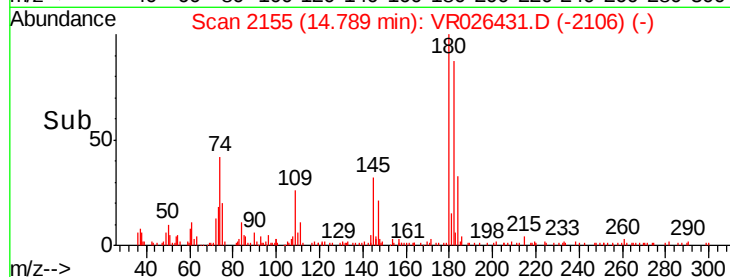
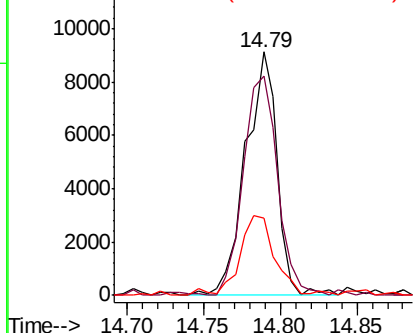
#68
 1,2,4-trichlorobenzene
 Concen: 0.579 ug/L
 RT: 14.79 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: VR026431.D
 Acq: 3 Apr 2019 15:58

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00183

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	73.0	109.6
145	36.3	26.7	40.1

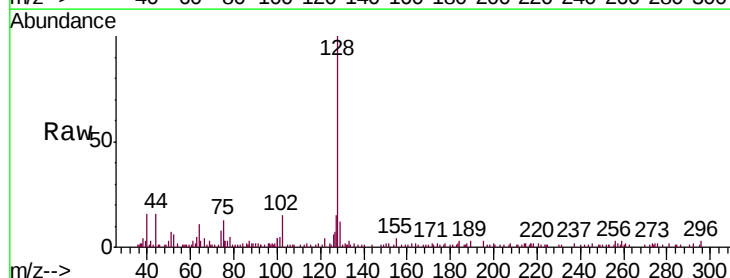


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

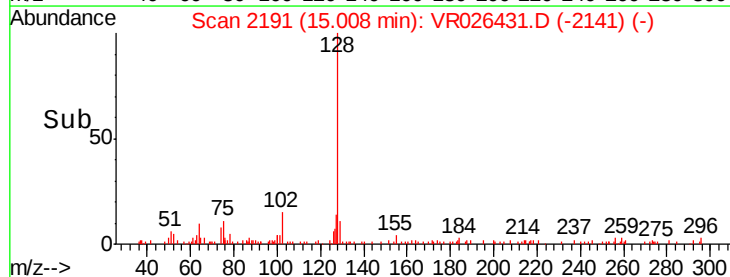
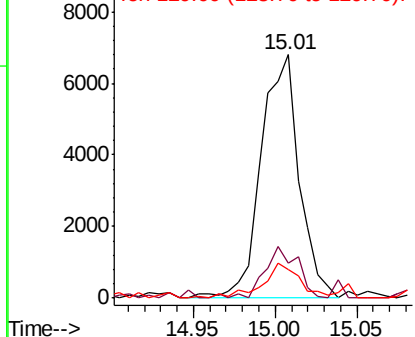


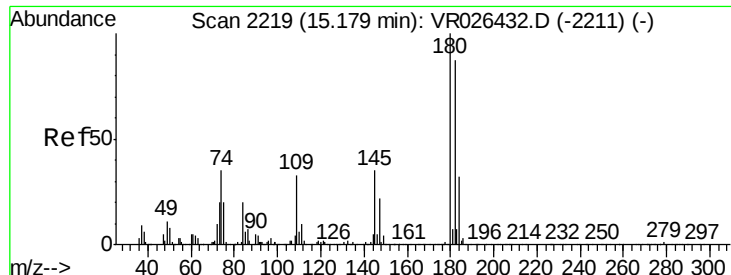
#69
 Naphthalene
 Concen: 0.527 ug/L
 RT: 15.01 min Scan# 2191
 Delta R.T. 0.01 min
 Lab File: VR026431.D
 Acq: 3 Apr 2019 15:58

Tgt Ion	Ratio	Lower	Upper
128	100		
127	18.0	11.4	17.0#
129	14.2	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

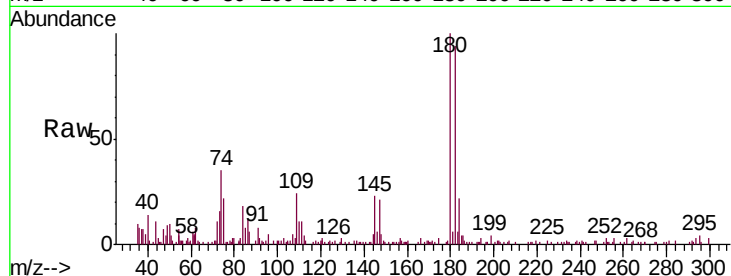




#70
 1,2,3-Trichlorobenzene
 Concen: 0.639 ug/L
 RT: 15.18 min Scan# 2220
 Delta R.T. 0.01 min
 Lab File: VR026431.D
 Acq: 3 Apr 2019 15:58

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00183

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.1	73.1	109.7
145	36.1	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

