

Data File : VR026236.D
Acq On : 20 Nov 2018 18:45
Operator : SY/MD
Sample : VSTDICV005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VICV93

Quant Time: Nov 21 03:19:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 18:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	673175	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	567401	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	227726	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	243536	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	2.63	69	214024	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	3.61	63	593579	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	6.59	46	215425	45.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.64%
24) Chloroform-d	7.20	84	456805	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	7.90	65	174742	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	7.85	84	897507	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	8.90	67	219987	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	9.97	98	836477	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	10.24	79	64090	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	10.59	63	170521	54.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.70%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	94622	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	186315	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	218495	4.636 ug/L	96
3) Chloromethane	2.01	50	280581	4.634 ug/L	94
5) Vinyl chloride	2.17	62	282882	4.752 ug/L	94
6) Bromomethane	2.52	94	183402	4.602 ug/L	96
8) Chloroethane	2.66	64	168078	4.513 ug/L	97
9) Trichlorofluoromethane	2.94	101	414082	4.581 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	231075	4.450 ug/L	100
12) 1,1-Dichloroethene	3.63	96	250670	4.438 ug/L	92
13) Acetone	3.70	43	143845	40.249 ug/L	93
14) Carbon disulfide	3.94	76	666477	4.726 ug/L	99
15) Methyl Acetate	4.20	43	39778	3.836 ug/L	95
16) Methylene chloride	4.41	84	218167	4.319 ug/L	98
17) Methyl tert-butyl Ether	4.90	73	274088	4.692 ug/L	99
18) trans-1,2-Dichloroethene	4.89	96	232160	4.474 ug/L	97
19) 1,1-Dichloroethane	5.70	63	417460	4.483 ug/L	98
21) 2-Butanone	6.69	43	224277	44.577 ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	215952	4.618 ug/L #	98

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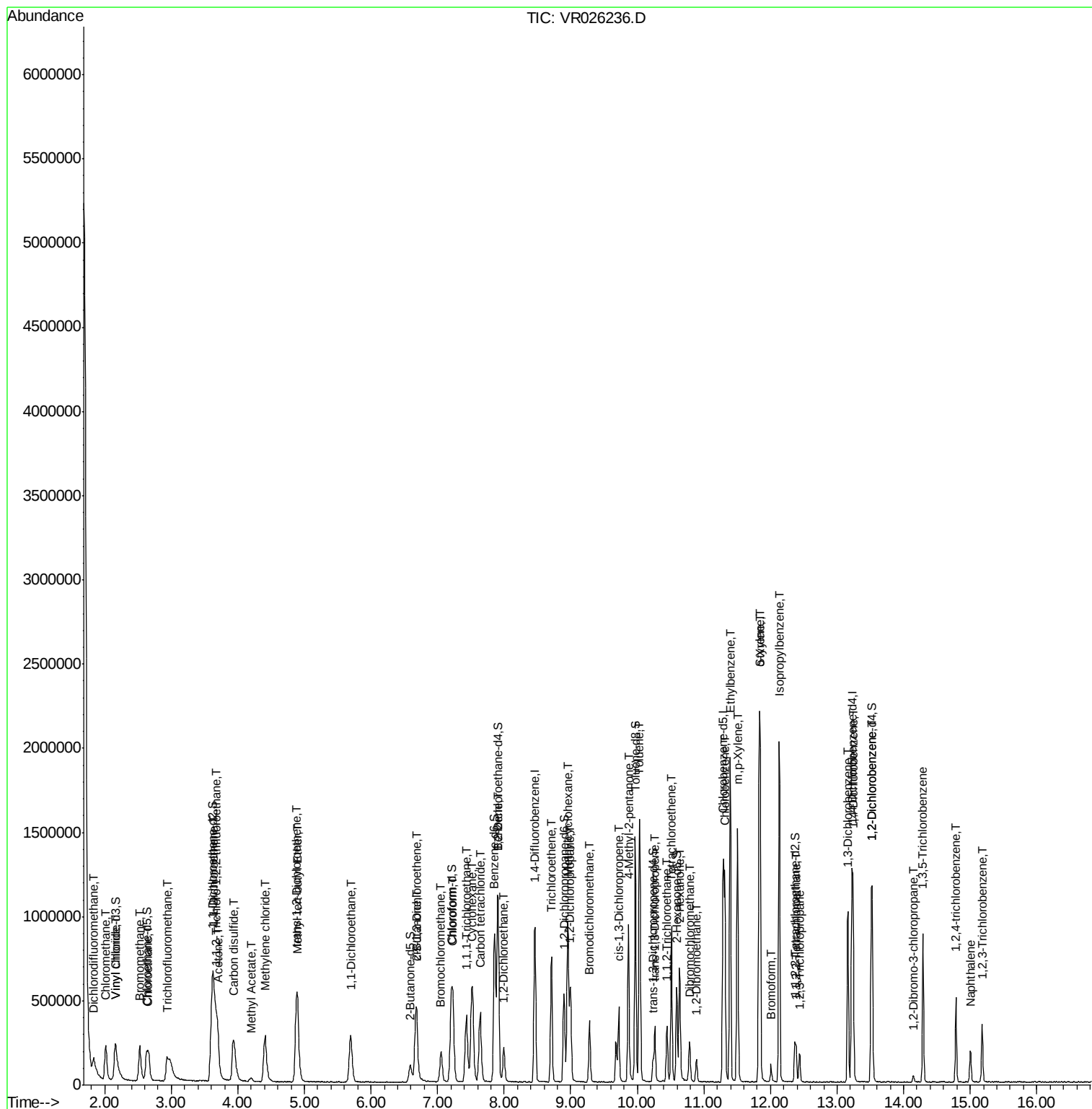
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.06	128	61615	4.377	ug/L	95
25) Chloroform	7.23	83	422501	4.182	ug/L	100
27) 1,2-Dichloroethane	7.99	62	184349	4.481	ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	352007	4.388	ug/L	100
30) Cyclohexane	7.52	56	339241	4.754	ug/L	98
31) Carbon tetrachloride	7.64	117	321011	4.402	ug/L	98
33) Benzene	7.91	78	924494	4.459	ug/L	100
34) Trichloroethene	8.71	95	238643	4.346	ug/L	95
35) Methylcyclohexane	8.95	83	345701	4.728	ug/L	99
37) 1,2-Dichloropropane	9.00	63	191373	4.460	ug/L	98
38) Bromodichloromethane	9.28	83	219477	4.382	ug/L	95
39) cis-1,3-Dichloropropene	9.72	75	235211	4.775	ug/L	97
40) 4-Methyl-2-pentanone	9.87	43	600634	50.368	ug/L	99
42) Toluene	10.04	91	1024548	4.136	ug/L	97
44) trans-1,3-Dichloropropene	10.26	75	156256	4.648	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	86034	4.659	ug/L	97
47) Tetrachloroethene	10.51	164	173750	4.308	ug/L	97
48) 2-Hexanone	10.63	43	401654	50.148	ug/L	99
49) Dibromochloromethane	10.79	129	105676	4.709	ug/L	96
50) 1,2-Dibromoethane	10.89	107	73606	4.571	ug/L	90
51) Chlorobenzene	11.32	112	551014	4.546	ug/L	97
52) Ethylbenzene	11.39	91	1146511	4.622	ug/L	100
53) m,p-Xylene	11.50	106	421962	4.613	ug/L	100
54) o-Xylene	11.83	106	392258	4.683	ug/L	92
55) Styrene	11.84	104	609908	4.771	ug/L	100
56) Isopropylbenzene	12.13	105	1087566	4.740	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.39	83	80455	4.476	ug/L	93
59) 1,2,3-Trichloropropane	12.43	75	62704	4.653	ug/L	96
61) Bromoform	12.01	173	39784	4.556	ug/L	98
62) 1,3-Dichlorobenzene	13.16	146	337949	4.661	ug/L	99
63) 1,4-Dichlorobenzene	13.24	146	349754	4.472	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	276379	4.642	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.14	75	8734	4.387	ug/L #	88
67) 1,3,5-Trichlorobenzene	14.29	180	209812	4.469	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	122549	4.616	ug/L	98
69) Naphthalene	15.00	128	128087	4.953	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	90297	4.755	ug/L	99

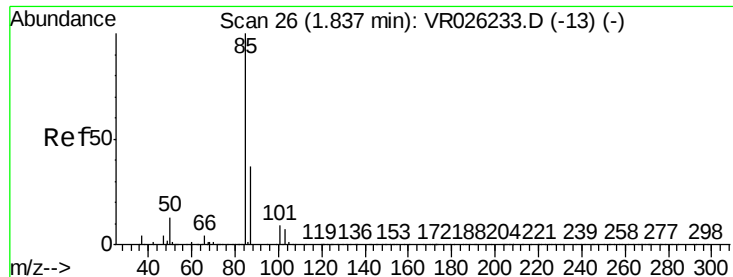
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.636 ug/L

RT: 1.83 min Scan# 25

Delta R.T. -0.01 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

Instrument :

MSVOA_R

ClientSampleId :

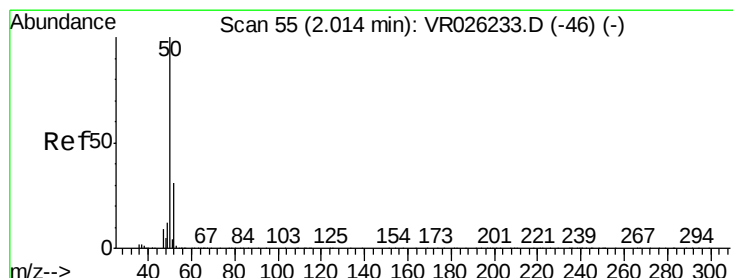
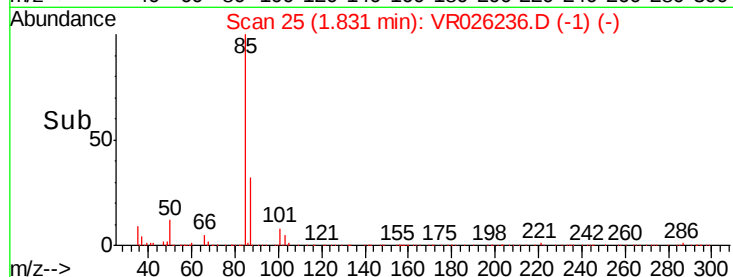
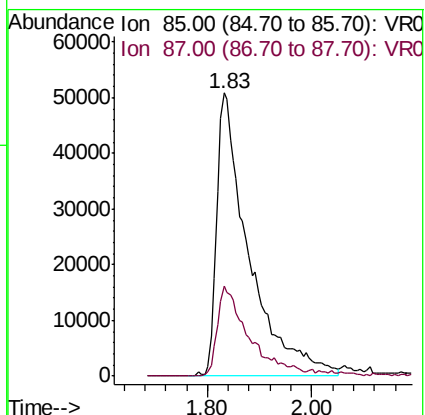
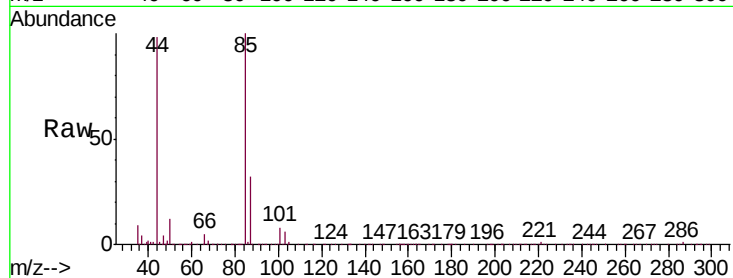
VICV93

Tgt Ion: 85 Resp: 218495

Ion Ratio Lower Upper

85 100

87 31.1 23.2 34.8



#3

Chloromethane

Concen: 4.634 ug/L

RT: 2.01 min Scan# 55

Delta R.T. -0.00 min

Lab File: VR026236.D

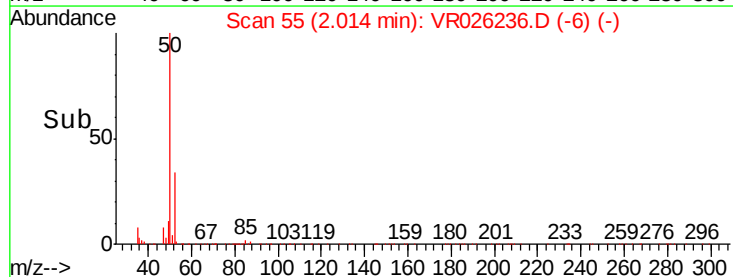
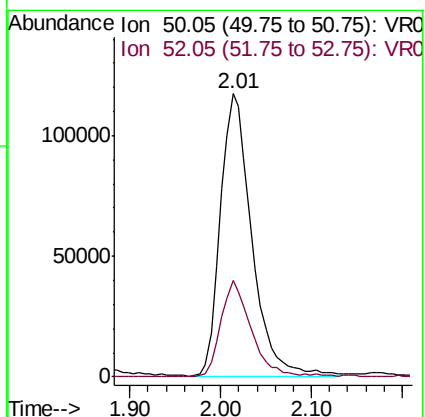
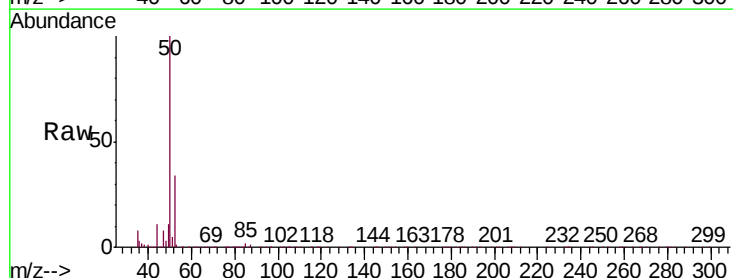
Acq: 20 Nov 2018 18:45

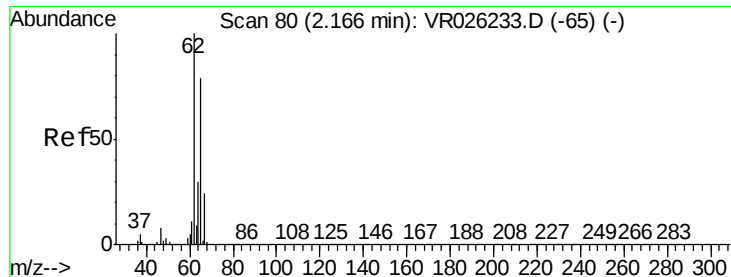
Tgt Ion: 50 Resp: 280581

Ion Ratio Lower Upper

50 100

52 33.9 21.4 39.8





#5

Vinyl chloride

Concen: 4.752 ug/L

RT: 2.17 min Scan# 80

Delta R.T. -0.00 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

Instrument :

MSVOA_R

ClientSampleId :

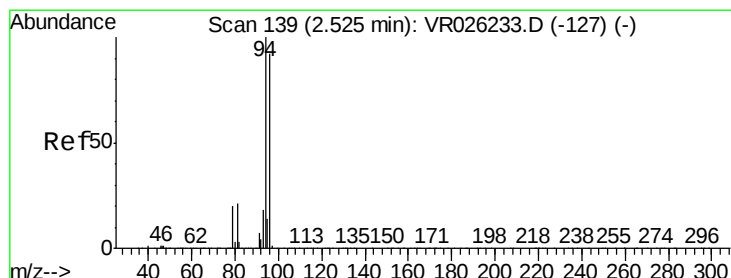
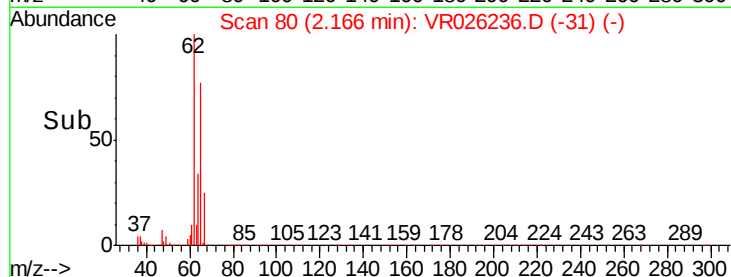
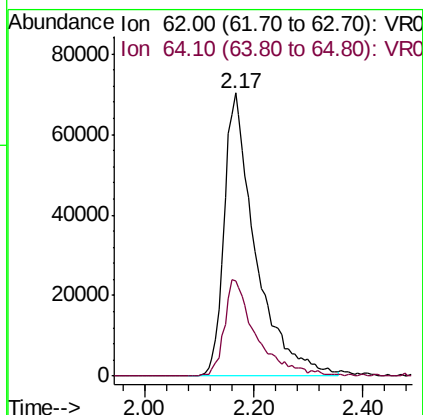
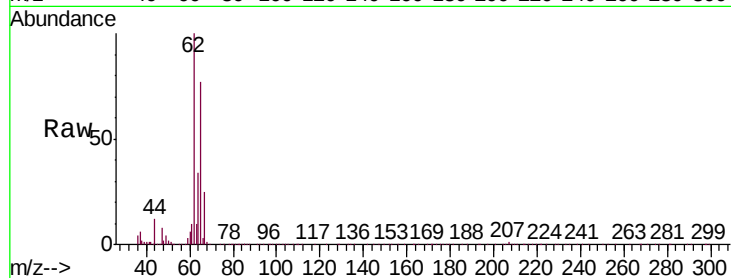
VICV93

Tgt Ion: 62 Resp: 282882

Ion Ratio Lower Upper

62 100

64 33.6 21.3 39.5



#6

Bromomethane

Concen: 4.602 ug/L

RT: 2.52 min Scan# 139

Delta R.T. -0.00 min

Lab File: VR026236.D

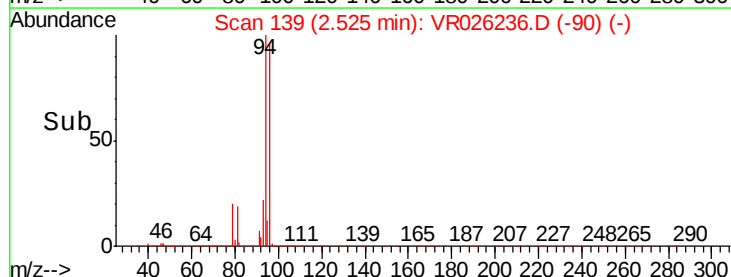
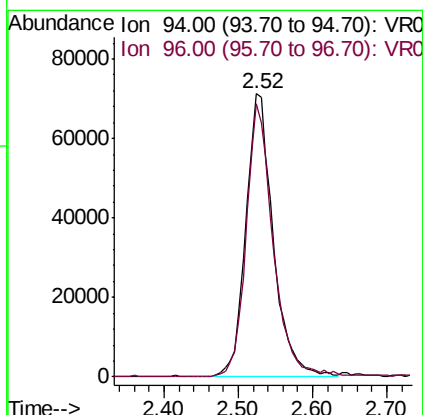
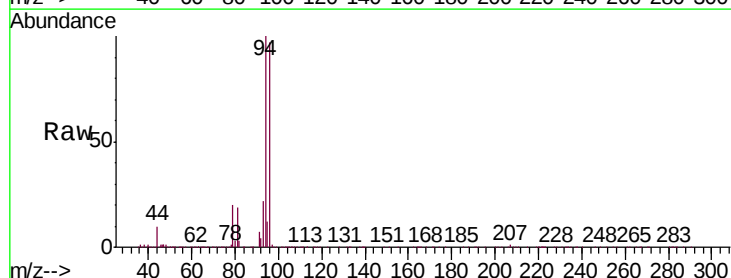
Acq: 20 Nov 2018 18:45

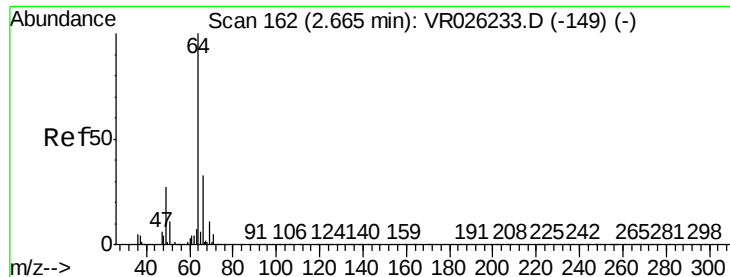
Tgt Ion: 94 Resp: 183402

Ion Ratio Lower Upper

94 100

96 96.6 64.6 120.0





#8

Chloroethane

Concen: 4.513 ug/L

RT: 2.66 min Scan# 161

Delta R.T. -0.01 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

Instrument :

MSVOA_R

ClientSampleId :

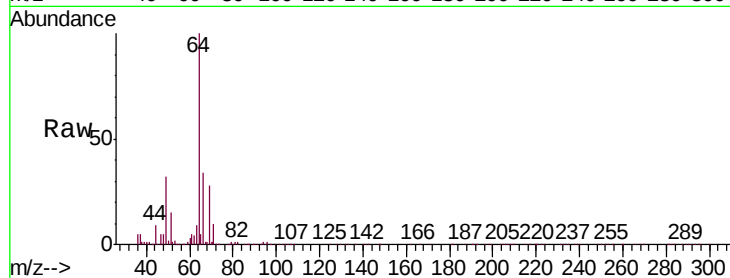
VICV93

Tgt Ion: 64 Resp: 168078

Ion Ratio Lower Upper

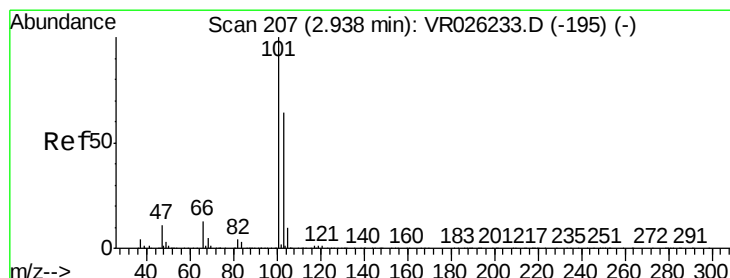
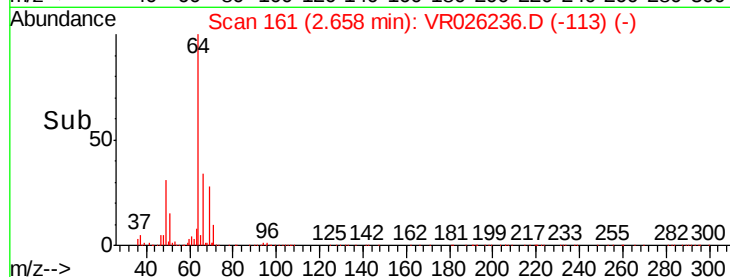
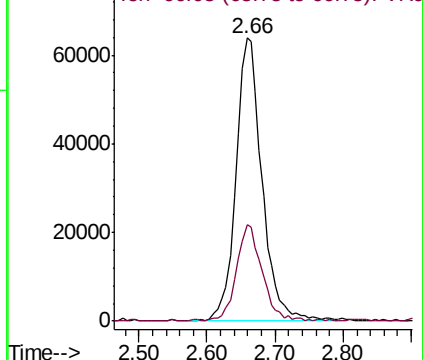
64 100

66 34.1 22.7 42.3



Abundance Ion 64.10 (63.80 to 64.80): VR0

Ion 66.05 (65.75 to 66.75): VR0



#9

Trichlorofluoromethane

Concen: 4.581 ug/L

RT: 2.94 min Scan# 207

Delta R.T. -0.00 min

Lab File: VR026236.D

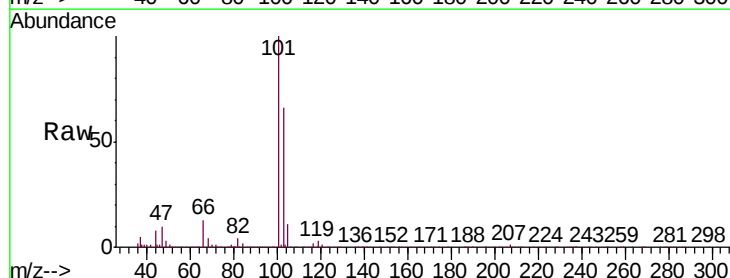
Acq: 20 Nov 2018 18:45

Tgt Ion: 101 Resp: 414082

Ion Ratio Lower Upper

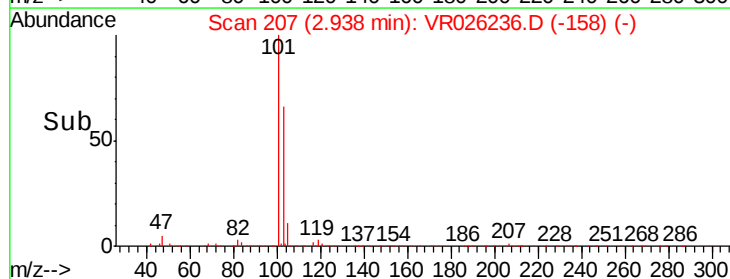
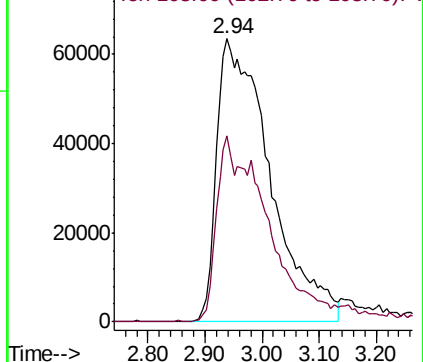
101 100

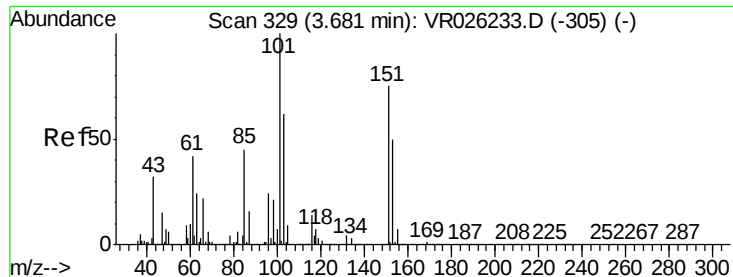
103 27.0 24.6 37.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 4.450 ug/L

RT: 3.68 min Scan# 329

Delta R.T. -0.00 min

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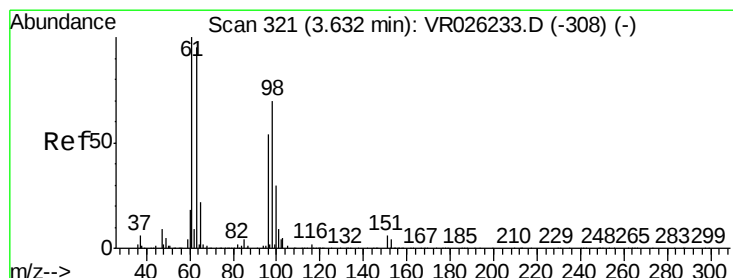
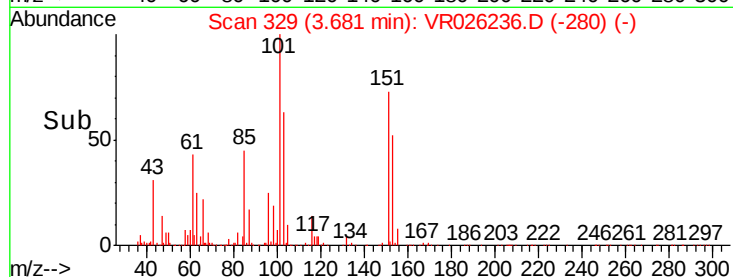
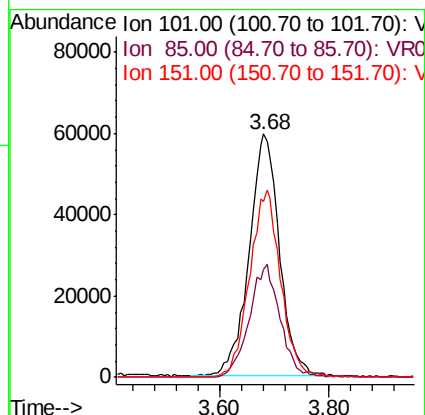
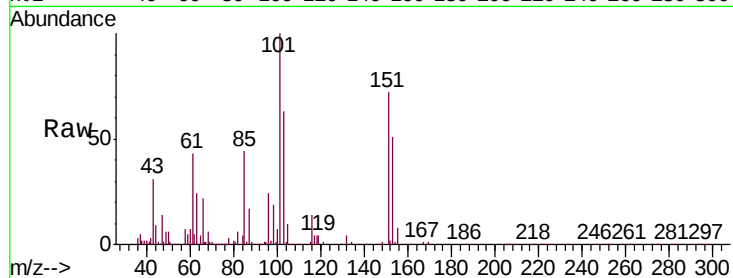
Tgt Ion: 101 Resp: 231075

Ion Ratio Lower Upper

101 100

85 46.8 37.4 56.0

151 78.7 63.3 94.9



#12

1,1-Dichloroethene

Concen: 4.438 ug/L

RT: 3.63 min Scan# 320

Delta R.T. -0.01 min

Lab File: VR026236.D

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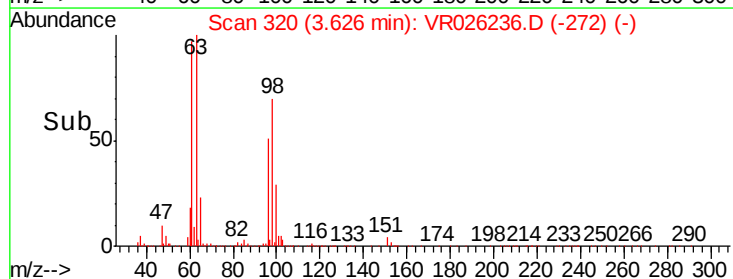
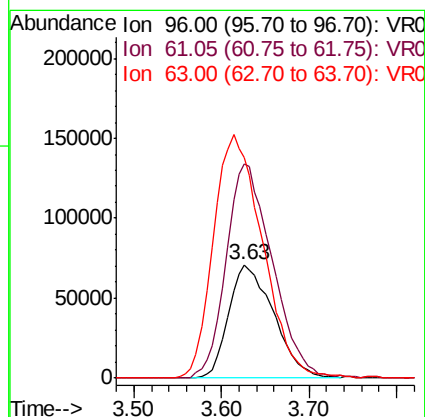
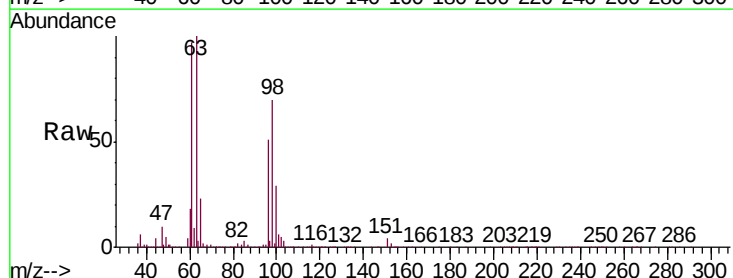
Tgt Ion: 96 Resp: 250670

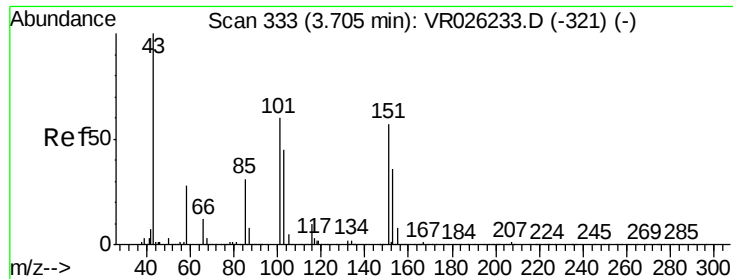
Ion Ratio Lower Upper

96 100

61 188.8 128.7 239.1

63 194.4 122.6 227.6





#13

Acetone

Concen: 40.249 ug/L

RT: 3.70 min Scan# 333

Delta R.T. -0.00 min

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ClientSampled :

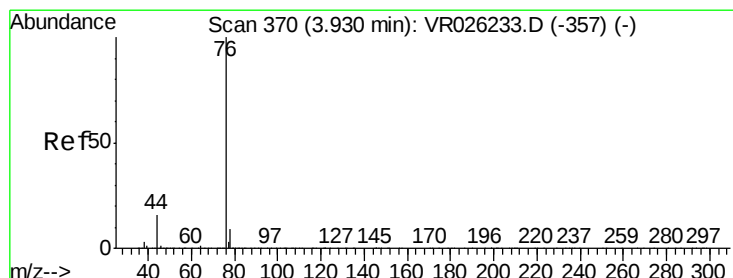
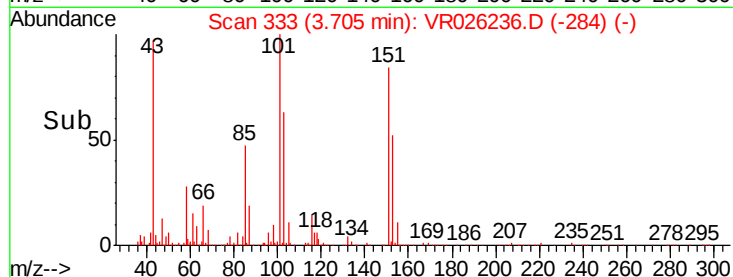
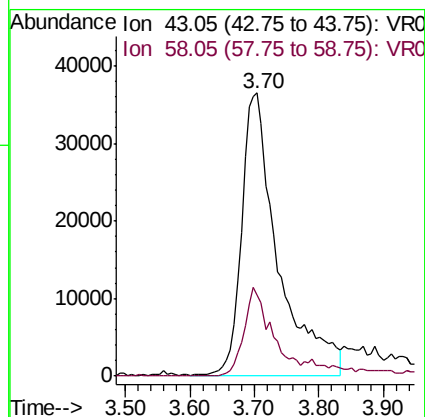
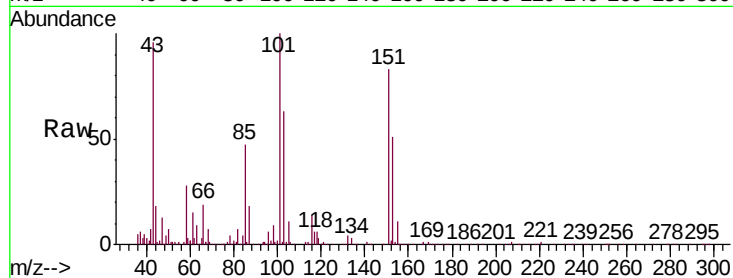
VICV93

Tgt Ion: 43 Resp: 143845

Ion Ratio Lower Upper

43 100

58 23.8 0.0 55.0



#14

Carbon disulfide

Concen: 4.726 ug/L

RT: 3.94 min Scan# 371

Delta R.T. 0.01 min

Lab File: VR026236.D

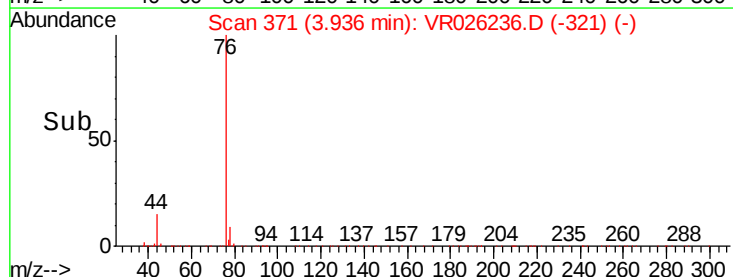
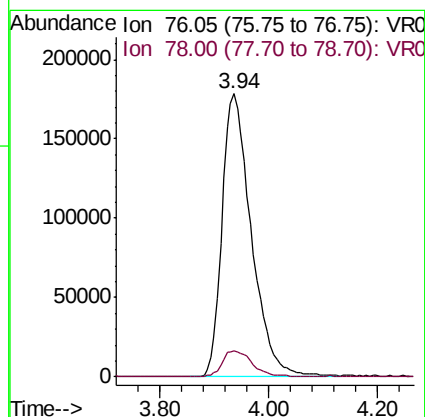
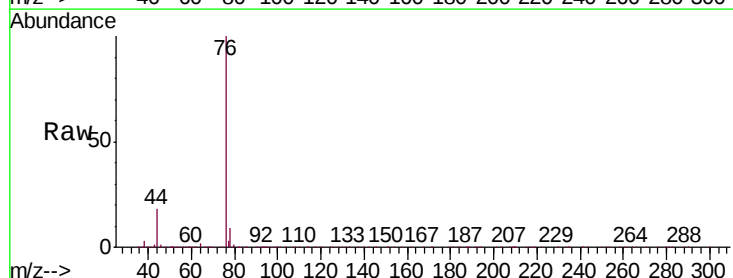
Acq: 20 Nov 2018 18:45

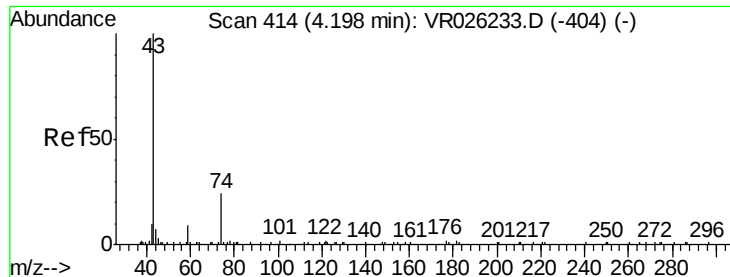
Tgt Ion: 76 Resp: 666477

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6

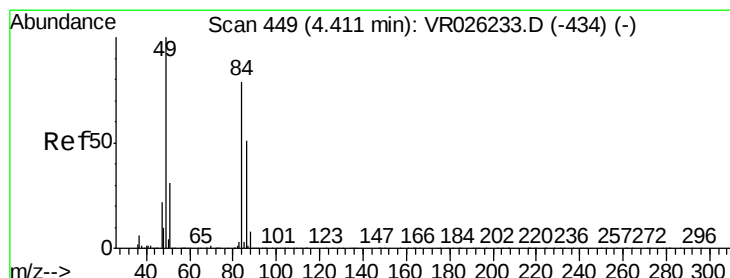
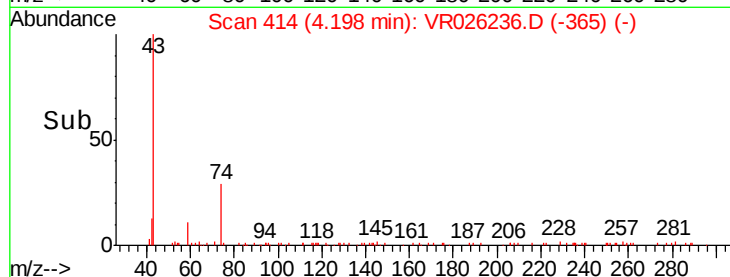
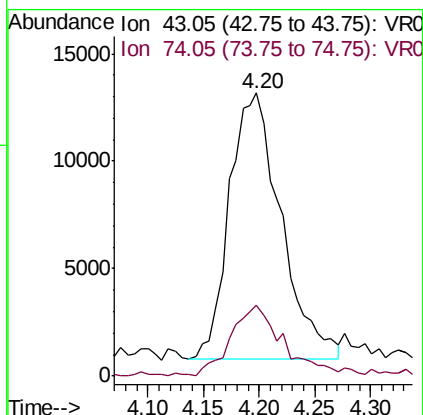
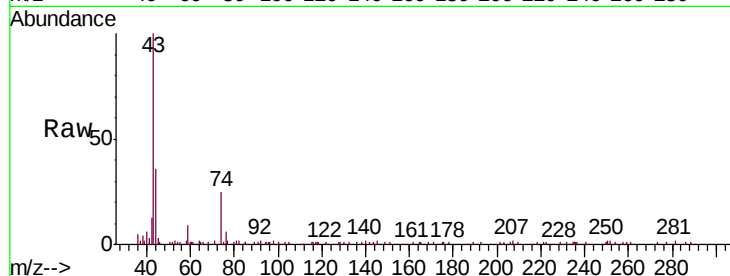




#15
Methyl Acetate
Concen: 3.836 ug/L
RT: 4.20 min Scan# 414
Delta R.T. -0.00 min
Lab File: VR026236.D
Acq: 20 Nov 2018 18:45

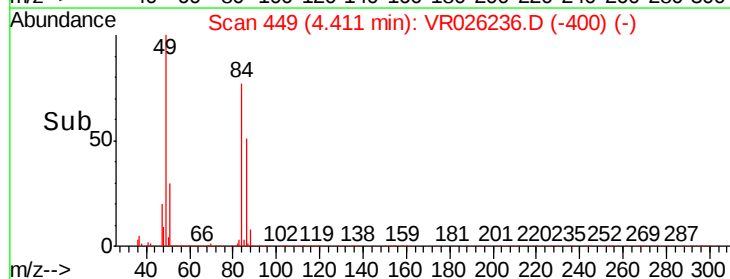
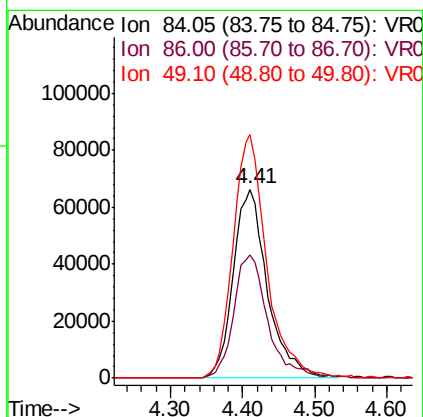
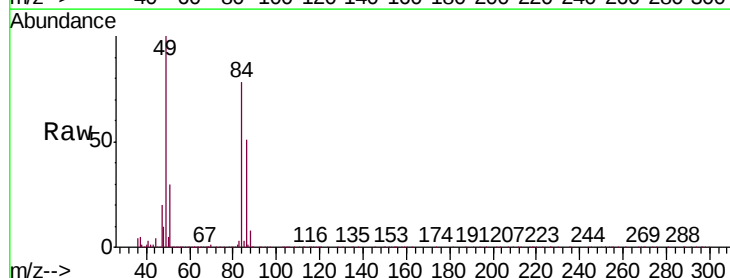
Instrument :
MSVOA_R
ClientSampled :
VICV93

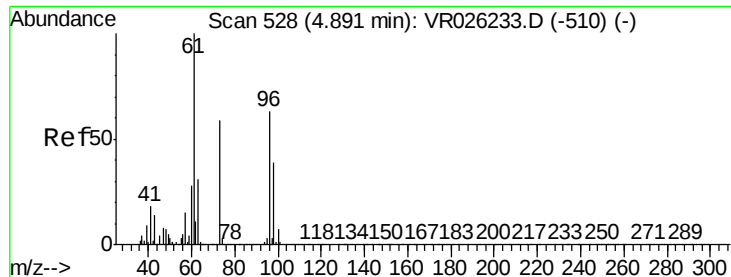
Tgt Ion: 43 Resp: 39778
Ion Ratio Lower Upper
43 100
74 26.9 19.4 29.0



#16
Methylene chloride
Concen: 4.319 ug/L
RT: 4.41 min Scan# 449
Delta R.T. -0.00 min
Lab File: VR026236.D
Acq: 20 Nov 2018 18:45

Tgt Ion: 84 Resp: 218167
Ion Ratio Lower Upper
84 100
86 65.2 45.2 84.0
49 129.0 88.3 164.1



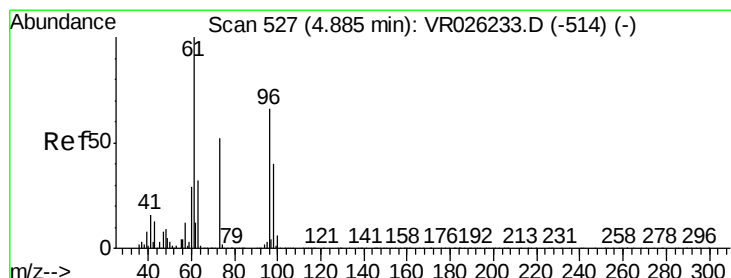
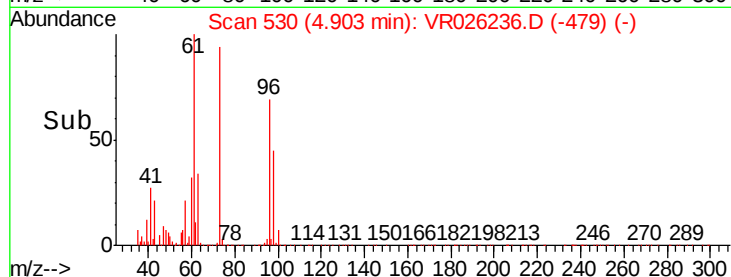
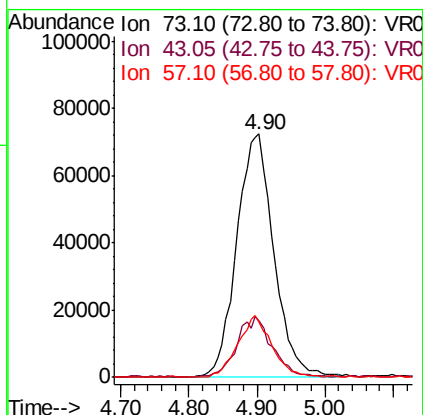
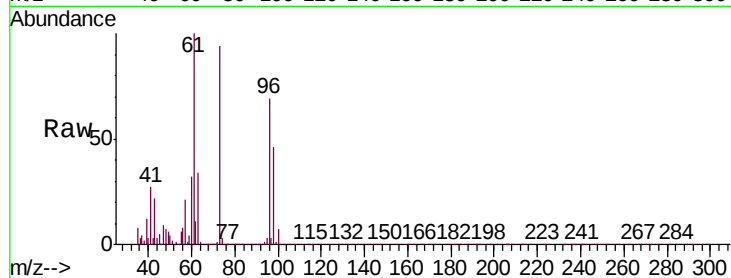


#17

Methyl tert-butyl Ether
Concen: 4.692 ug/L
RT: 4.90 min Scan# 530
Delta R.T. 0.01 min
Lab File: VR026236.D
Acq: 20 Nov 2018 18:45

Instrument :
MSVOA_R
ClientSampleId :
VICV93

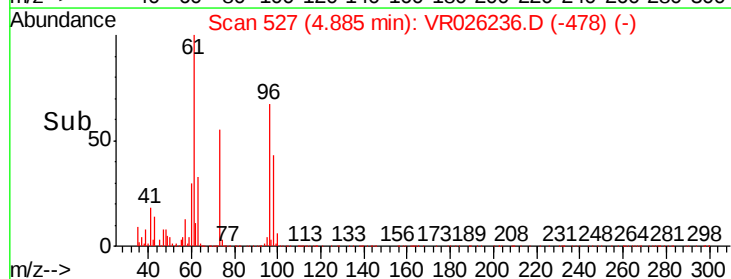
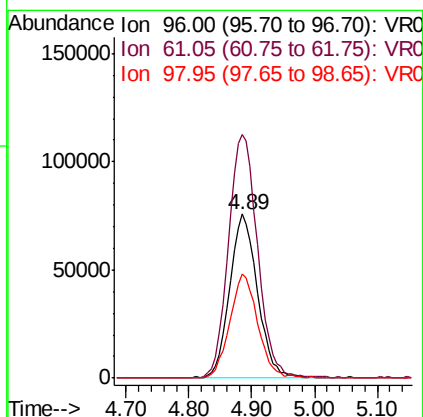
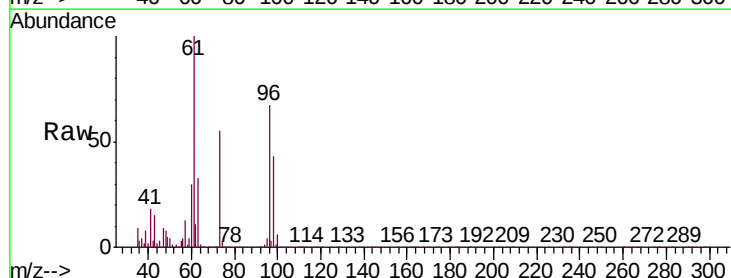
Tgt Ion:	73	Resp:	274088
Ion	Ratio	Lower	Upper
73	100		
43	23.5	19.0	28.4
57	23.2	17.9	26.9

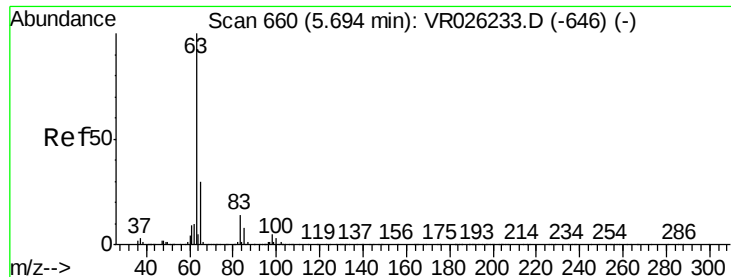


#18

trans-1,2-Dichloroethene
Concen: 4.474 ug/L
RT: 4.89 min Scan# 527
Delta R.T. -0.00 min
Lab File: VR026236.D
Acq: 20 Nov 2018 18:45

Tgt Ion:	96	Resp:	232160
Ion	Ratio	Lower	Upper
96	100		
61	148.6	105.4	195.8
98	63.9	42.1	78.1





#19

1,1-Dichloroethane

Concen: 4.483 ug/L

RT: 5.70 min Scan# 661

Delta R.T. 0.01 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

Instrument :

MSVOA_R

ClientSampleId :

VICV93

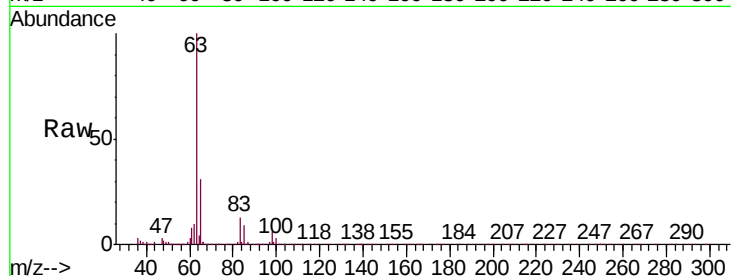
Tgt Ion: 63 Resp: 417460

Ion Ratio Lower Upper

63 100

65 31.0 21.1 39.3

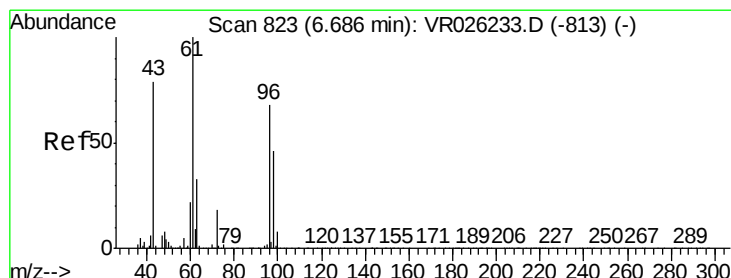
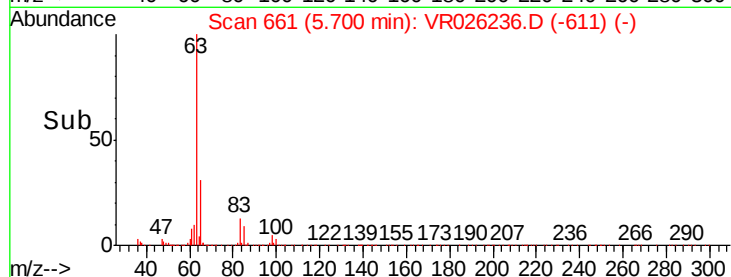
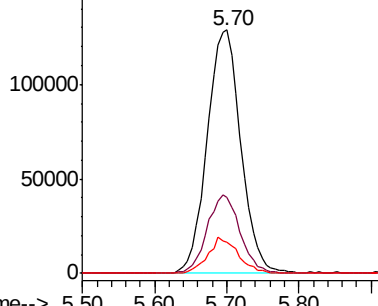
83 12.9 9.9 18.5



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: 44.577 ug/L

RT: 6.69 min Scan# 823

Delta R.T. -0.00 min

Lab File: VR026236.D

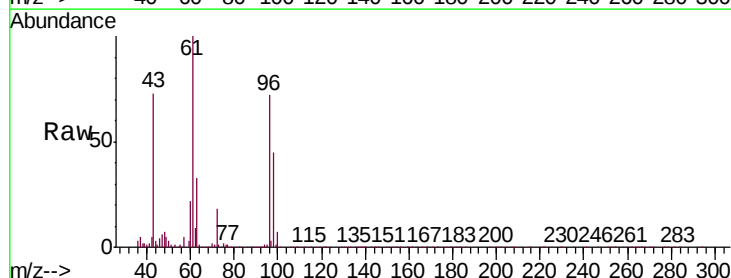
Acq: 20 Nov 2018 18:45

Tgt Ion: 43 Resp: 224277

Ion Ratio Lower Upper

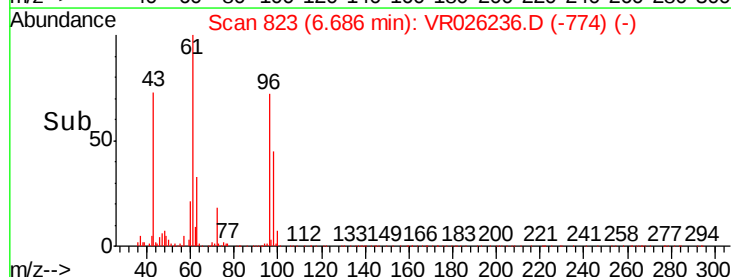
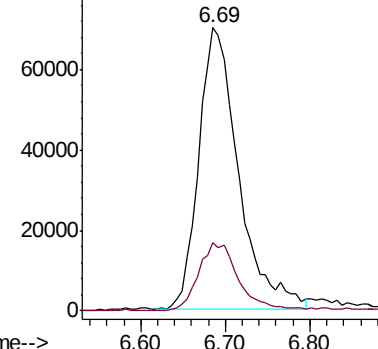
43 100

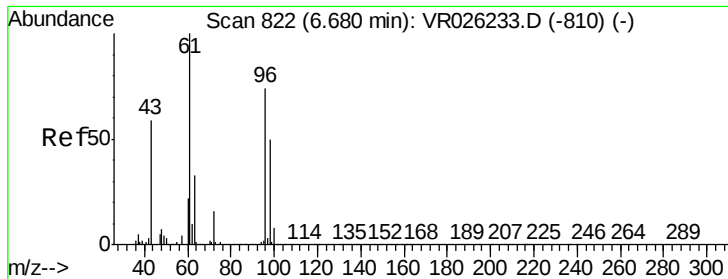
72 24.7 11.8 35.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0



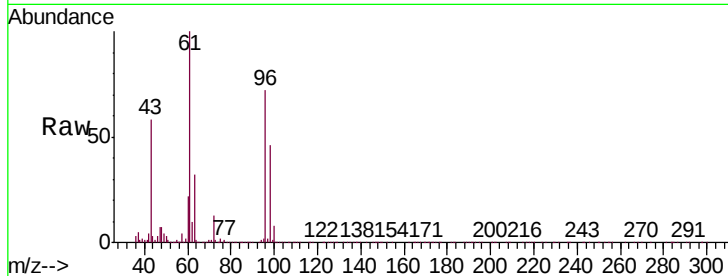


#22

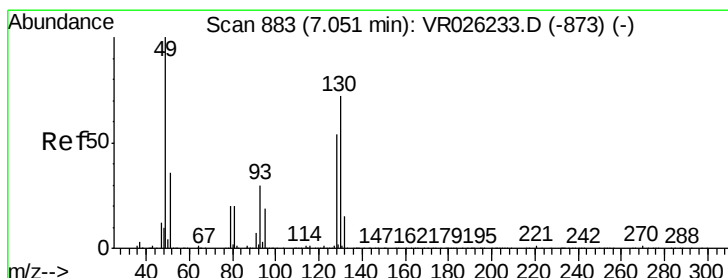
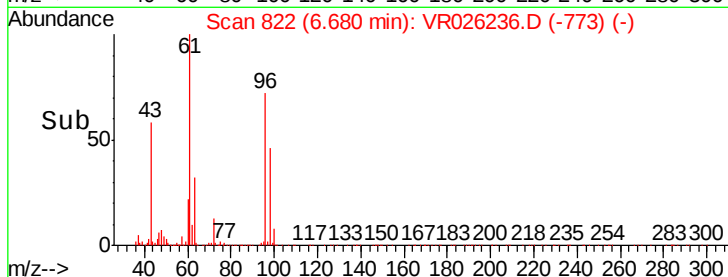
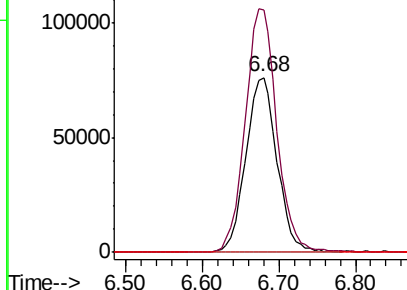
cis-1,2-Dichloroethene
Concen: 4.618 ug/L
RT: 6.68 min Scan# 822
Delta R.T. -0.00 min
Lab File: VR026236.D
Acq: 20 Nov 2018 18:45

Instrument :
MSVOA_R
ClientSampled :
VICV93

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.4	94.8	176.2
68	0.2	0.0	0.0#



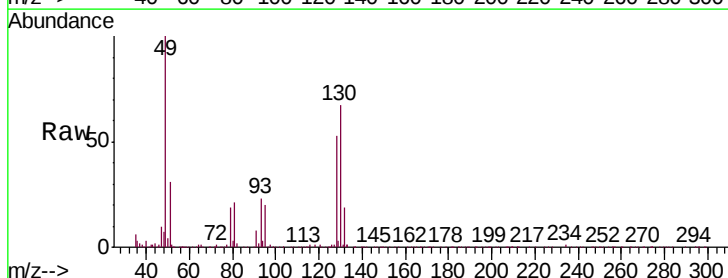
Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 68.15 (67.85 to 68.85): VR0



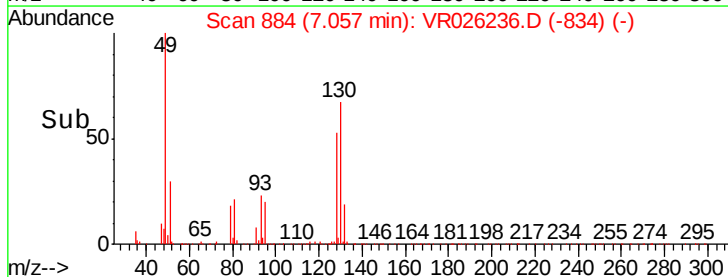
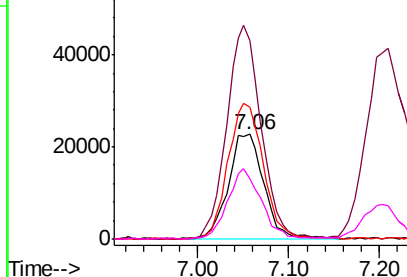
#23

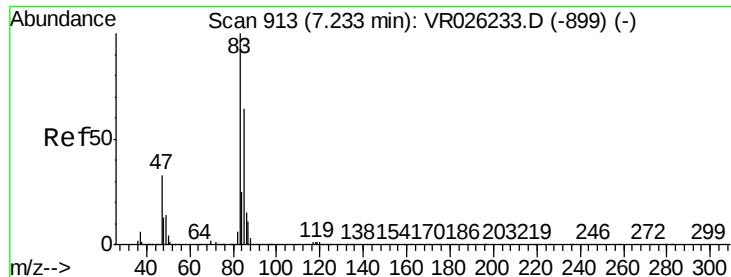
Bromochloromethane
Concen: 4.377 ug/L
RT: 7.06 min Scan# 884
Delta R.T. 0.01 min
Lab File: VR026236.D
Acq: 20 Nov 2018 18:45

Tgt Ion	Ratio	Lower	Upper
128	100		
49	189.7	129.6	240.6
130	126.2	93.1	172.9
51	58.2	52.7	79.1



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





#25

Chloroform

Concen: 4.182 ug/L

RT: 7.23 min Scan# 913

Delta R.T. -0.00 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

Instrument :

MSVOA_R

ClientSampleId :

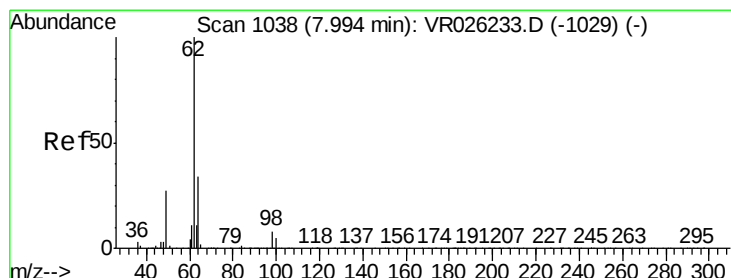
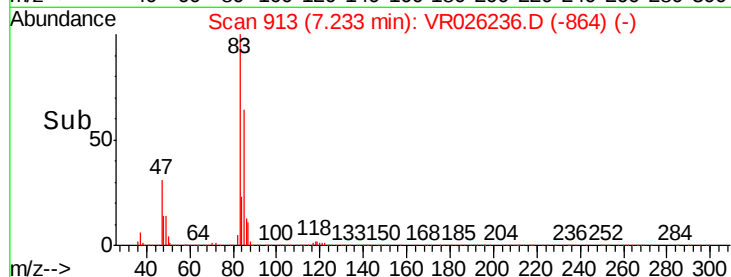
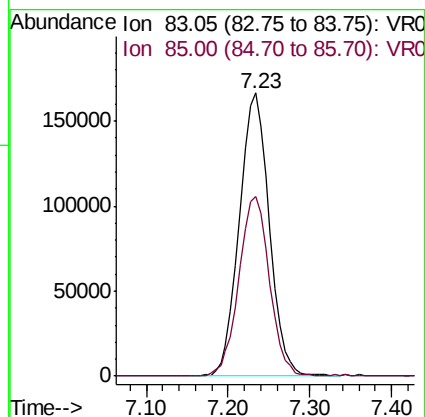
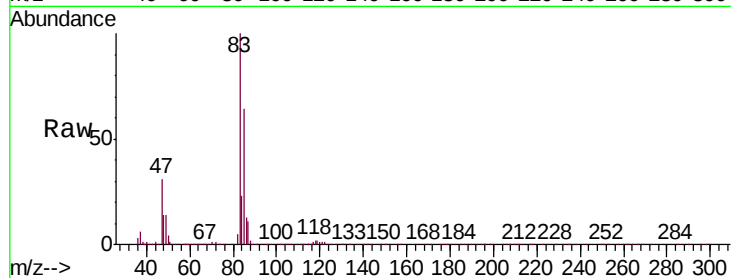
VICV93

Tgt Ion: 83 Resp: 422501

Ion Ratio Lower Upper

83 100

85 63.7 44.4 82.5



#27

1,2-Dichloroethane

Concen: 4.481 ug/L

RT: 7.99 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VR026236.D

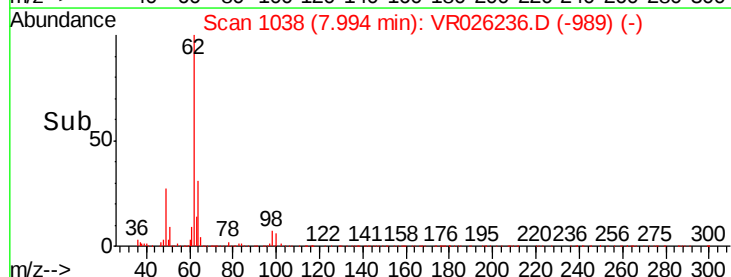
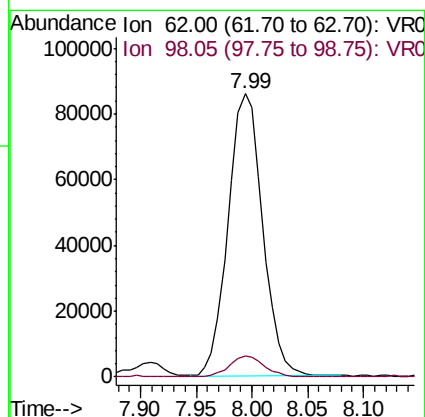
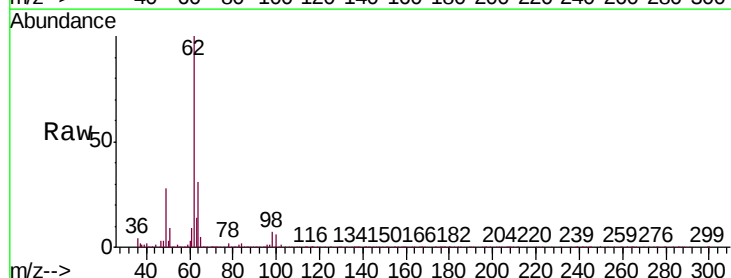
Acq: 20 Nov 2018 18:45

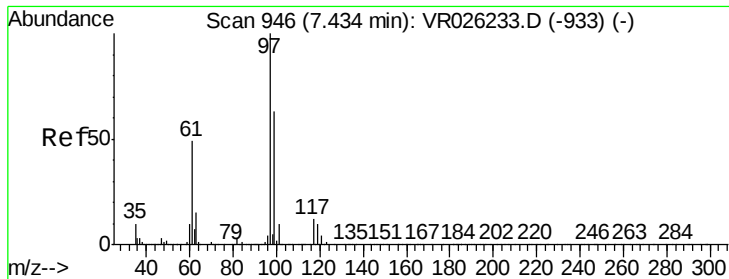
Tgt Ion: 62 Resp: 184349

Ion Ratio Lower Upper

62 100

98 7.4 6.1 9.1





#29

1,1,1-Trichloroethane

Concen: 4.388 ug/L

RT: 7.43 min Scan# 946

Delta R.T. -0.00 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

Instrument :

MSVOA_R

ClientSampleId :

VICV93

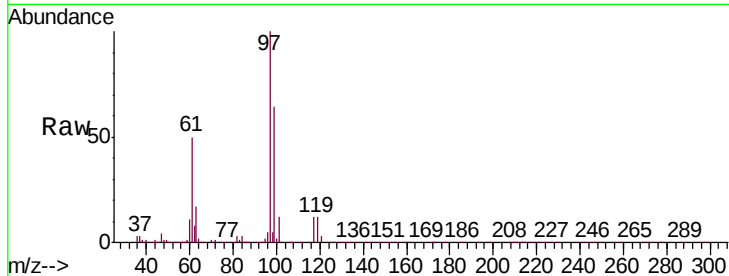
Tgt Ion: 97 Resp: 352007

Ion Ratio Lower Upper

97 100

99 64.8 51.9 77.9

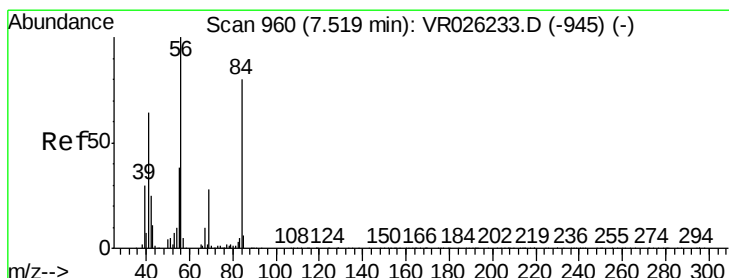
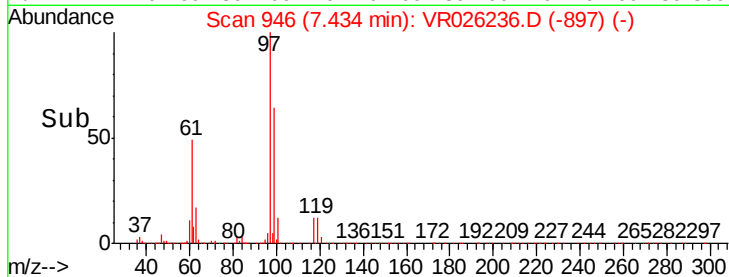
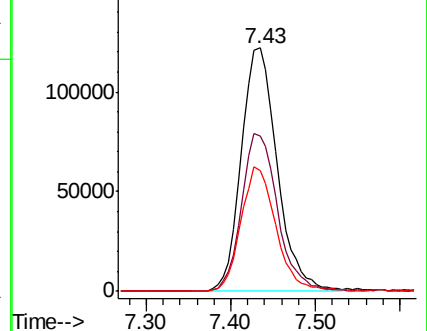
61 49.8 39.9 59.9



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: 4.754 ug/L

RT: 7.52 min Scan# 960

Delta R.T. -0.00 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

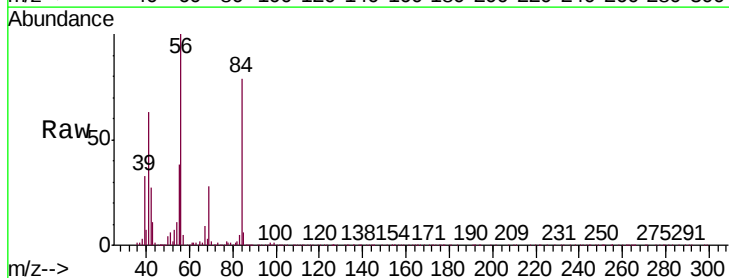
Tgt Ion: 56 Resp: 339241

Ion Ratio Lower Upper

56 100

69 28.6 23.6 35.4

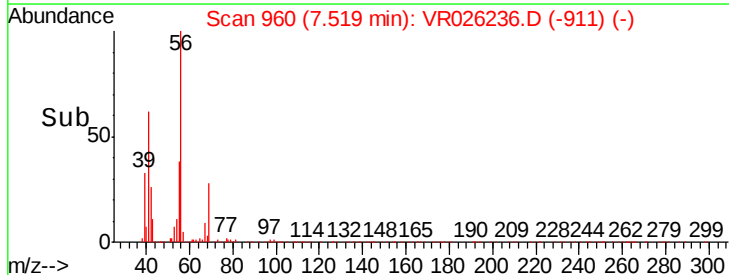
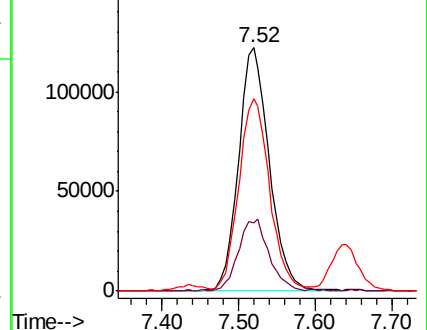
84 79.1 64.9 97.3

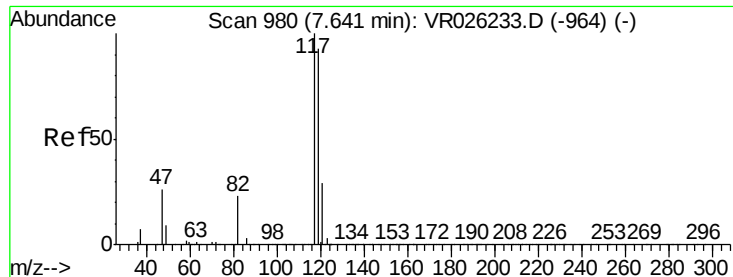


Abundance Ion 56.10 (55.80 to 56.80): VR0

Ion 69.15 (68.85 to 69.85): VR0

Ion 84.15 (83.85 to 84.85): VR0





#31

Carbon tetrachloride

Concen: 4.402 ug/L

RT: 7.64 min Scan# 980

Delta R.T. -0.00 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

Instrument :

MSVOA_R

ClientSampleId :

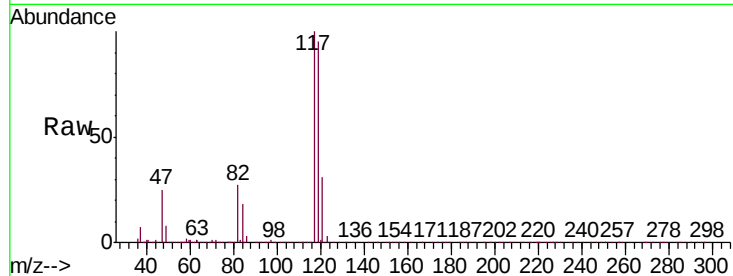
VICV93

Tgt Ion:117 Resp: 321011

Ion Ratio Lower Upper

117 100

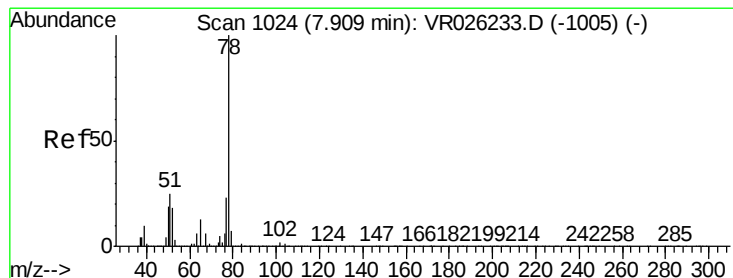
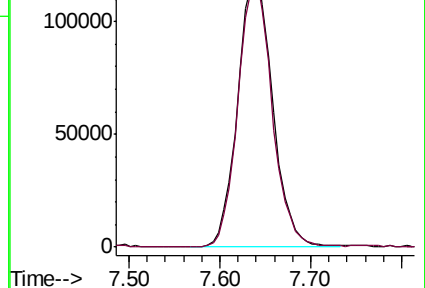
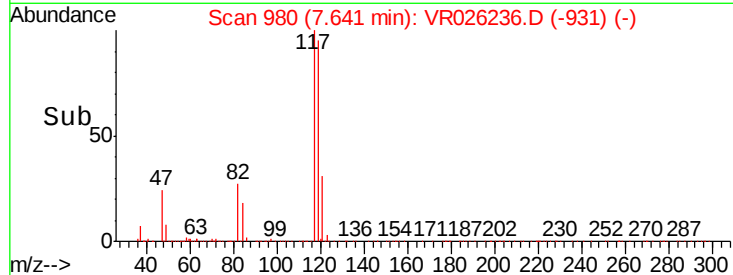
119 95.3 74.7 112.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

7.64



#33

Benzene

Concen: 4.459 ug/L

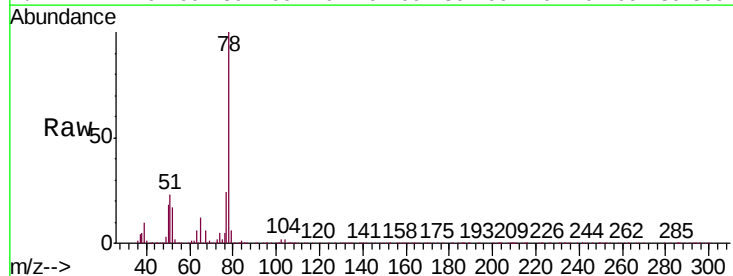
RT: 7.91 min Scan# 1024

Delta R.T. -0.00 min

Lab File: VR026236.D

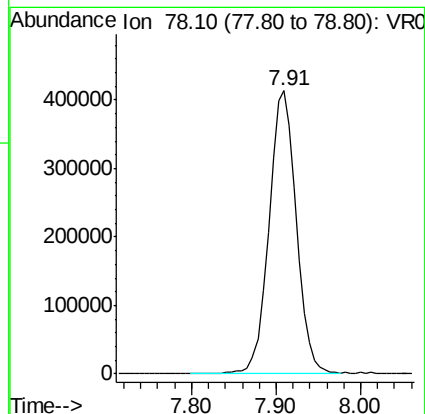
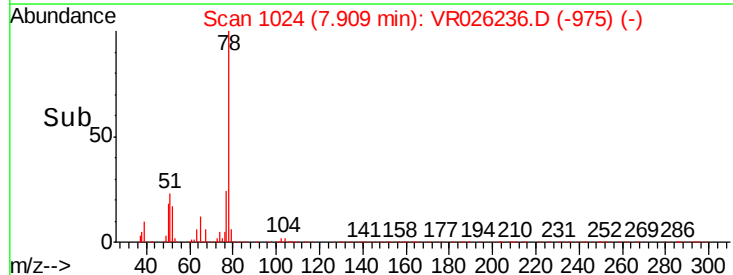
Acq: 20 Nov 2018 18:45

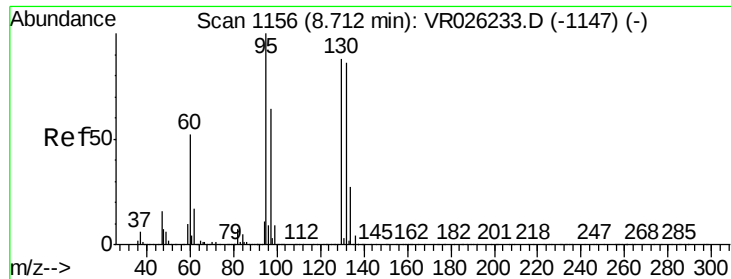
Tgt Ion: 78 Resp: 924494



Abundance Ion 78.10 (77.80 to 78.80): VR0

7.91





#34

Trichloroethene

Concen: 4.346 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

Instrument :

MSVOA_R

ClientSampleId :

VICV93

Tgt Ion: 95 Resp: 238643

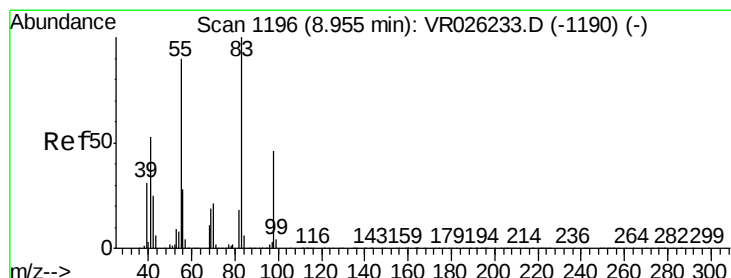
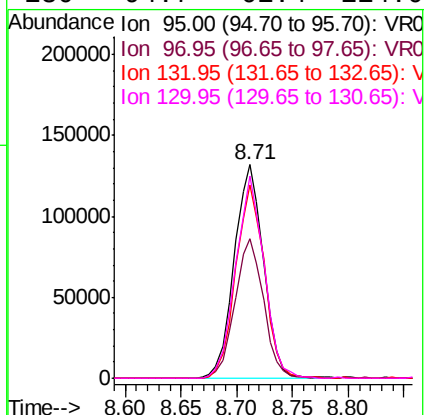
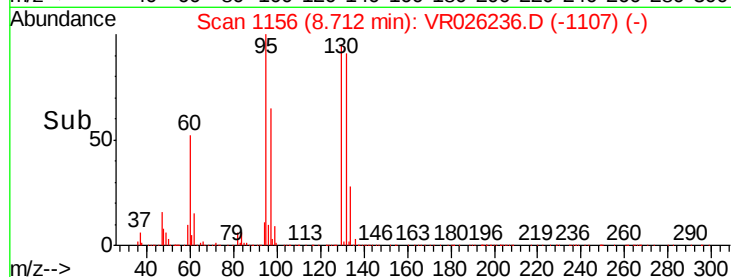
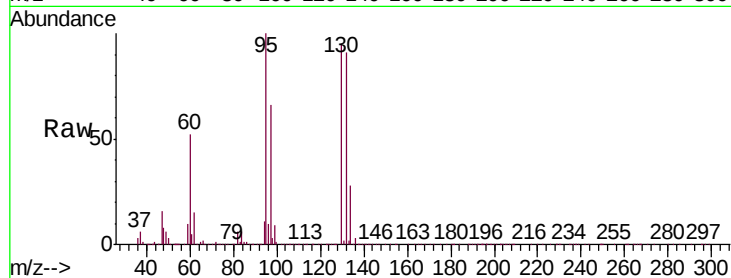
Ion Ratio Lower Upper

95 100

97 65.5 45.1 83.7

132 90.6 59.8 111.0

130 94.7 61.4 114.0



#35

Methylcyclohexane

Concen: 4.728 ug/L

RT: 8.95 min Scan# 1196

Delta R.T. -0.00 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

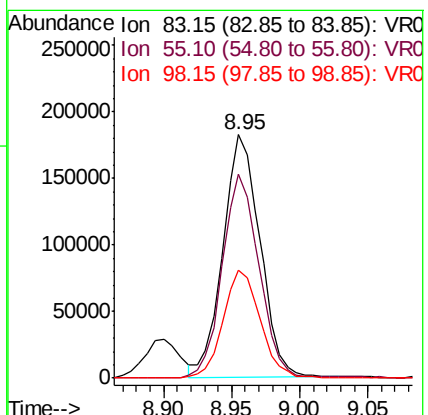
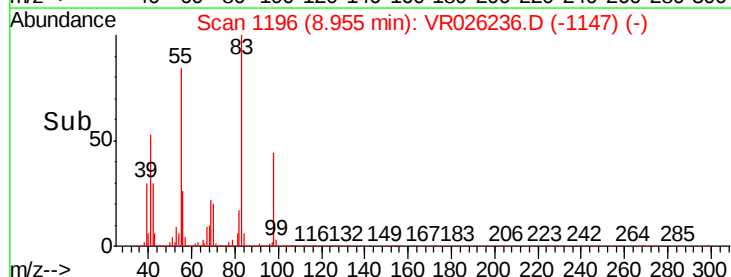
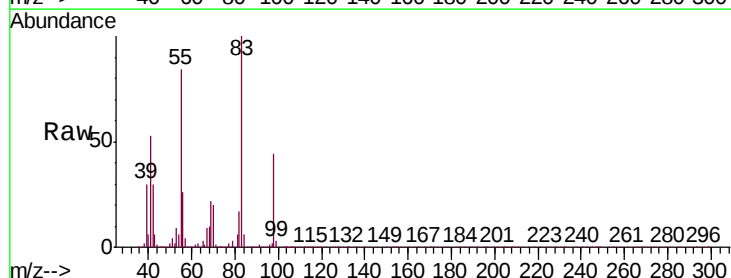
Tgt Ion: 83 Resp: 345701

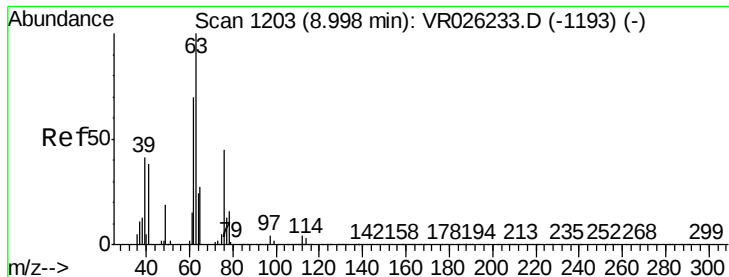
Ion Ratio Lower Upper

83 100

55 83.0 66.6 100.0

98 44.9 35.5 53.3





#37

1,2-Dichloropropane

Concen: 4.460 ug/L

RT: 9.00 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

Instrument :

MSVOA_R

ClientSampled :

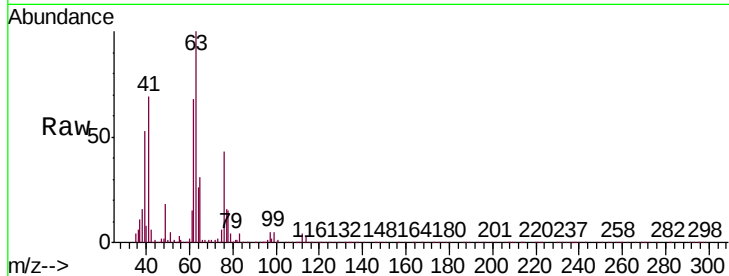
VICV93

Tgt Ion: 63 Resp: 191373

Ion Ratio Lower Upper

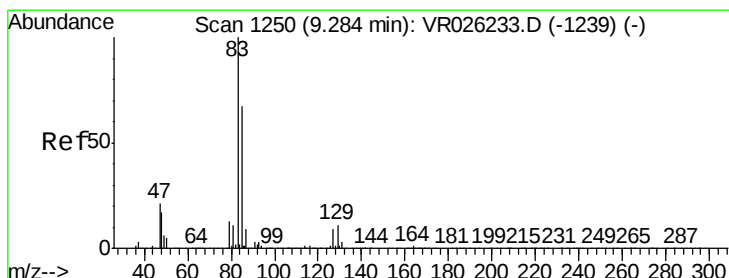
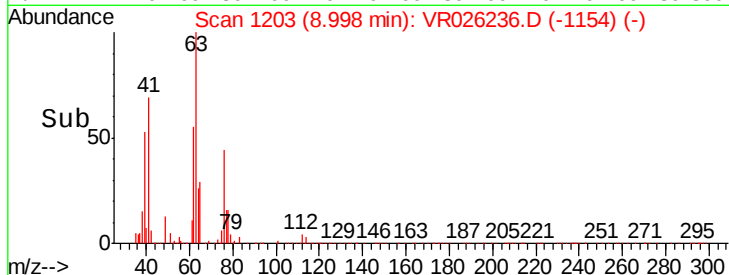
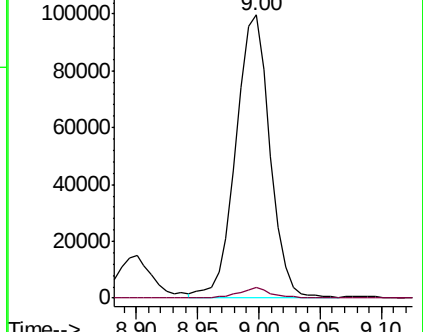
63 100

112 3.4 3.4 5.0



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V



#38

Bromodichloromethane

Concen: 4.382 ug/L

RT: 9.28 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

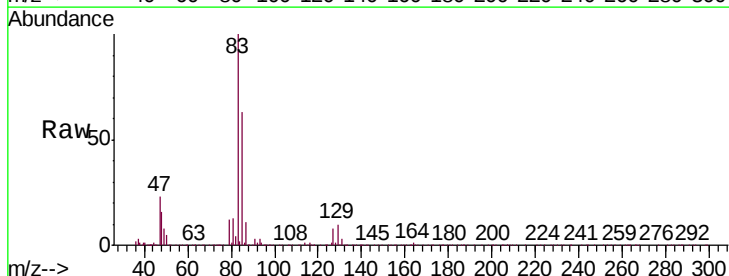
Tgt Ion: 83 Resp: 219477

Ion Ratio Lower Upper

83 100

85 62.7 46.8 86.8

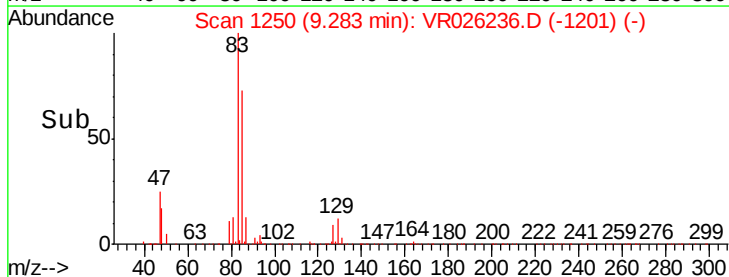
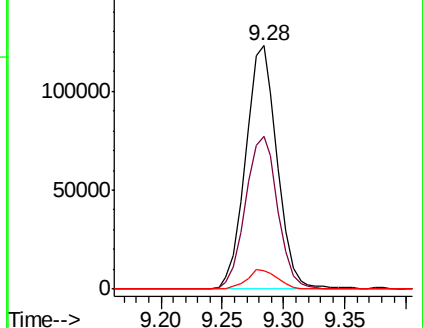
127 7.8 7.0 10.6

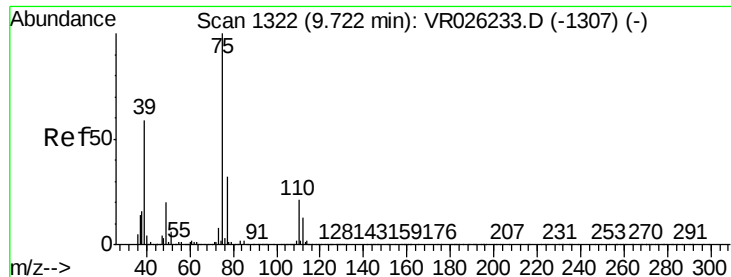


Abundance Ion 82.95 (82.65 to 83.65): VR0

Ion 85.00 (84.70 to 85.70): VR0

Ion 126.90 (126.60 to 127.60): V





#39

cis-1,3-Dichloropropene

Concen: 4.775 ug/L

RT: 9.72 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

Instrument :

MSVOA_R

ClientSampleId :

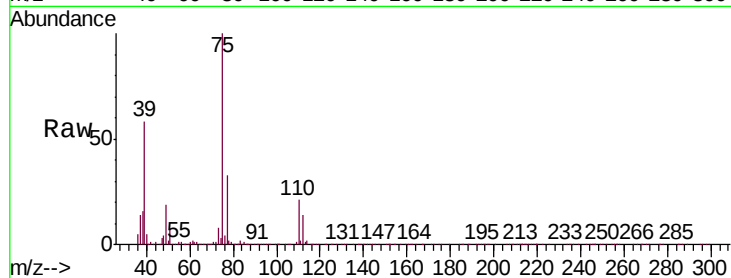
VICV93

Tgt Ion: 75 Resp: 235211

Ion Ratio Lower Upper

75 100

77 33.3 22.1 41.1



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0

9.72

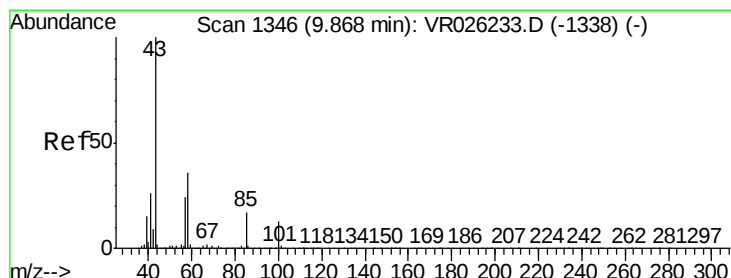
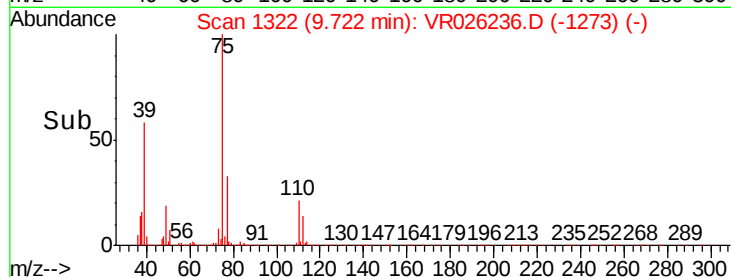
150000

100000

50000

0

Time-->



#40

4-Methyl-2-pentanone

Concen: 50.368 ug/L

RT: 9.87 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

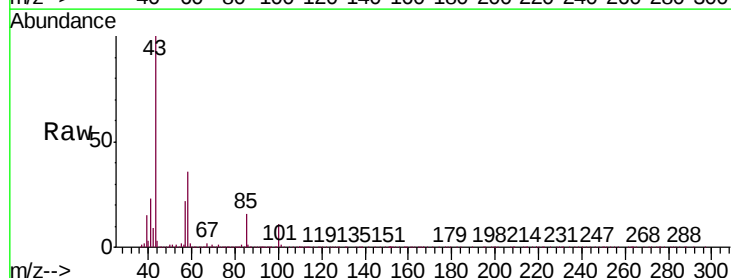
Tgt Ion: 43 Resp: 600634

Ion Ratio Lower Upper

43 100

58 35.4 28.0 42.0

100 12.1 10.0 15.0



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

500000

400000

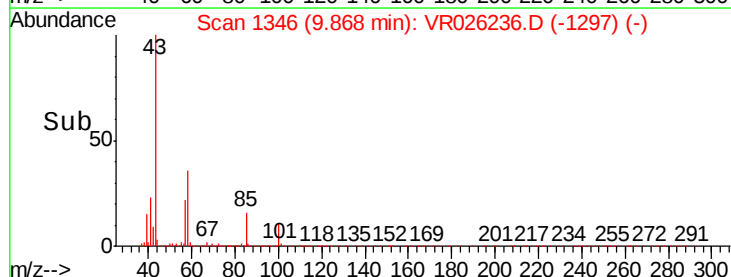
300000

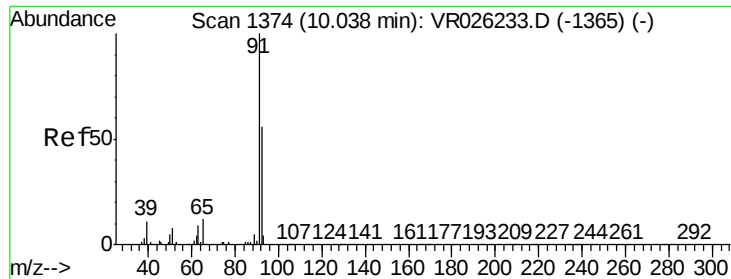
200000

100000

0

Time-->





#42

Toluene

Concen: 4.136 ug/L

RT: 10.04 min Scan# 1374

Delta R.T. -0.00 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

Instrument :

MSVOA_R

ClientSampleId :

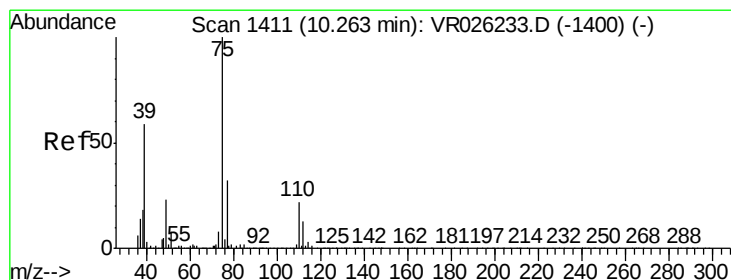
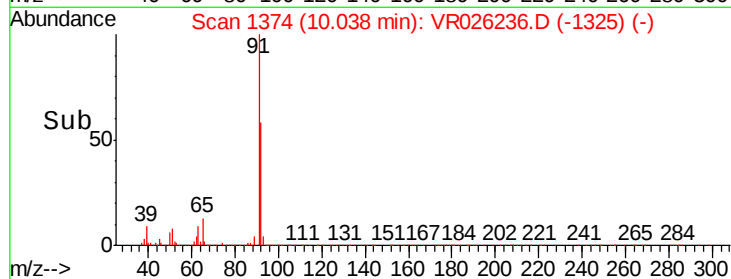
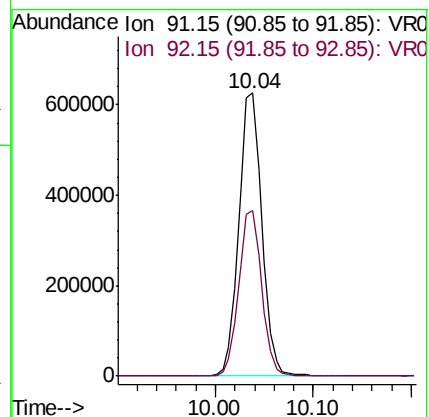
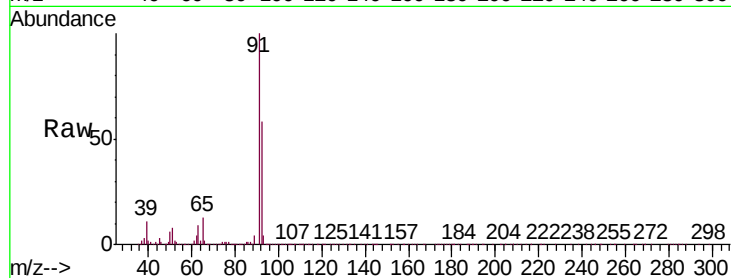
VICV93

Tgt Ion: 91 Resp: 1024548

Ion Ratio Lower Upper

91 100

92 58.5 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 4.648 ug/L

RT: 10.26 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VR026236.D

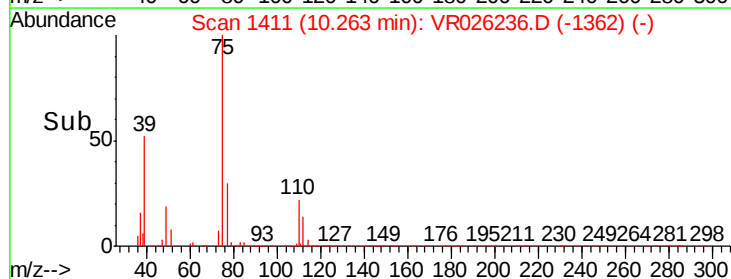
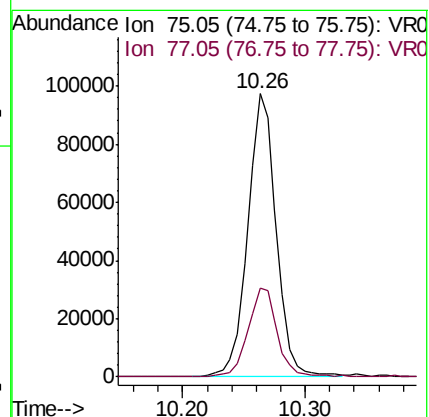
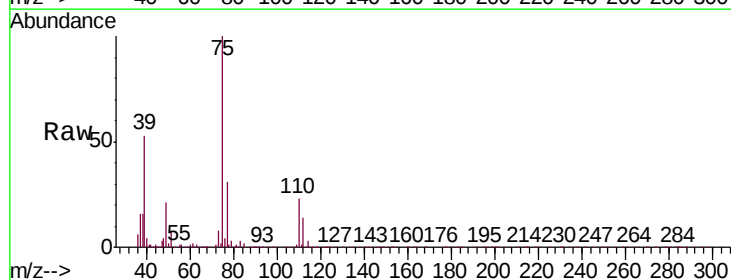
Acq: 20 Nov 2018 18:45

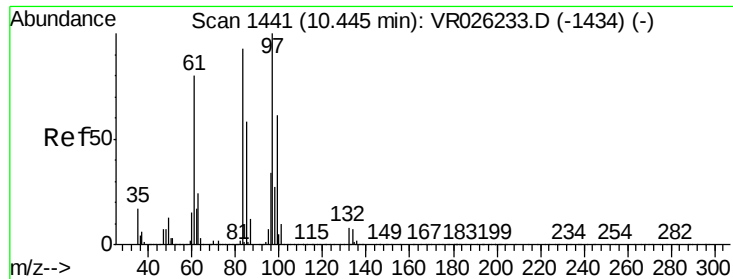
Tgt Ion: 75 Resp: 156256

Ion Ratio Lower Upper

75 100

77 31.2 22.3 41.3

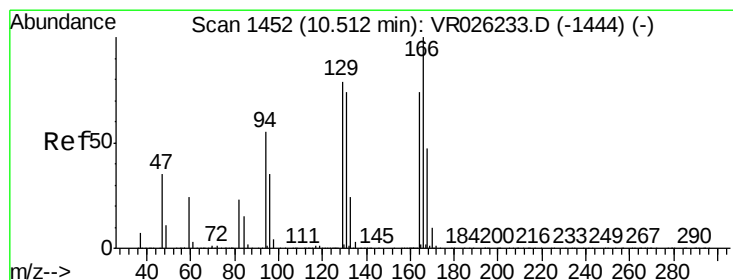
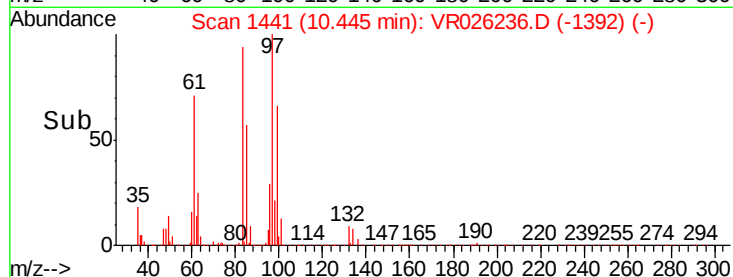
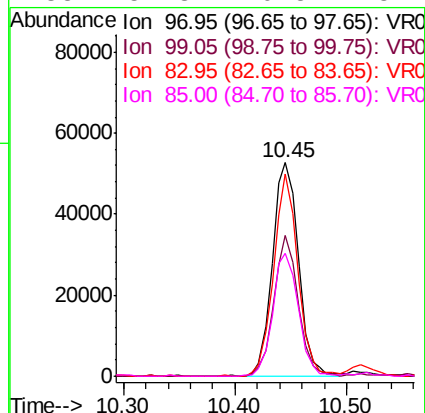
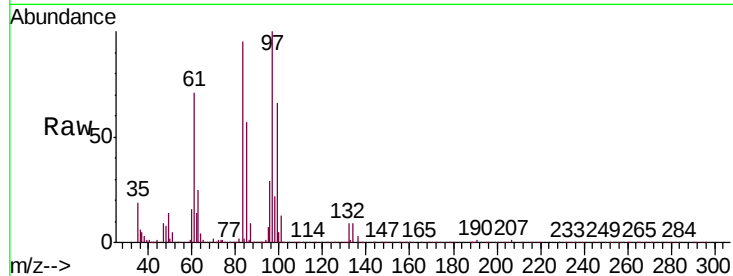




#45
1,1,2-Trichloroethane
Concen: 4.659 ug/L
RT: 10.45 min Scan# 1441
Delta R.T. -0.00 min
Lab File: VR026236.D
Acq: 20 Nov 2018 18:45

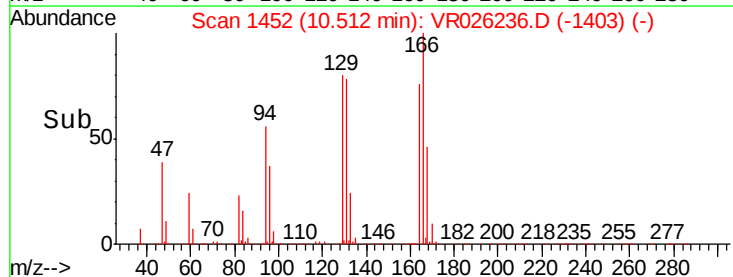
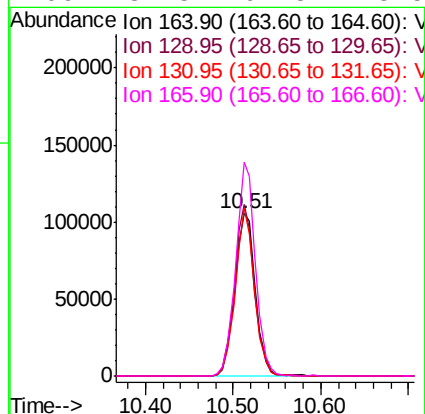
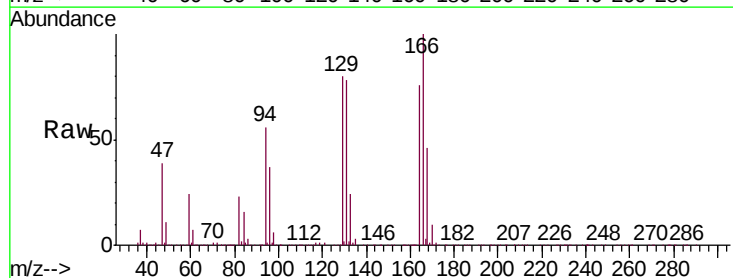
Instrument :
MSVOA_R
ClientSampleId :
VICV93

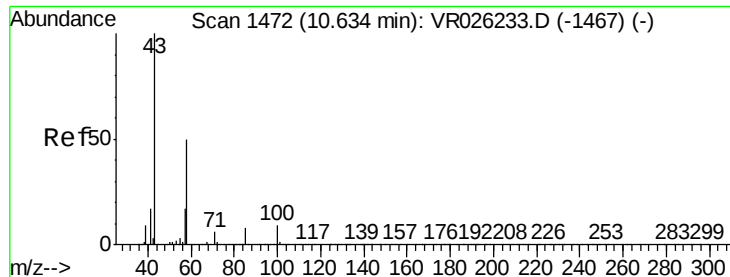
Tgt Ion:	97	Resp:	86034
Ion	Ratio	Lower	Upper
97	100		
99	65.9	43.0	80.0
83	94.8	65.0	120.8
85	57.3	40.5	75.1



#47
Tetrachloroethene
Concen: 4.308 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.00 min
Lab File: VR026236.D
Acq: 20 Nov 2018 18:45

Tgt Ion:	164	Resp:	173750
Ion	Ratio	Lower	Upper
164	100		
129	105.3	74.6	138.6
131	103.1	69.8	129.6
166	131.5	94.5	175.5

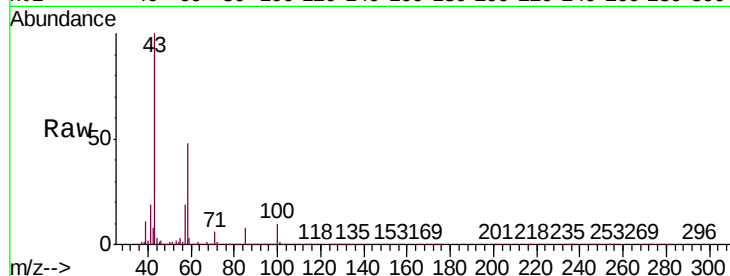




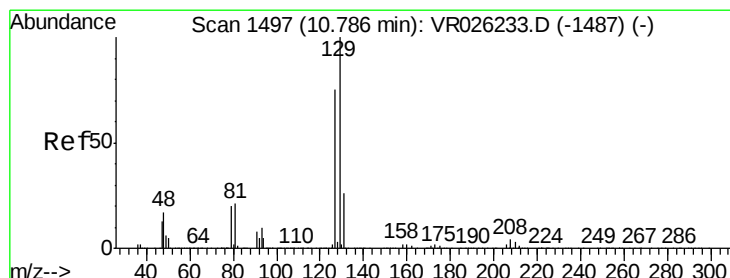
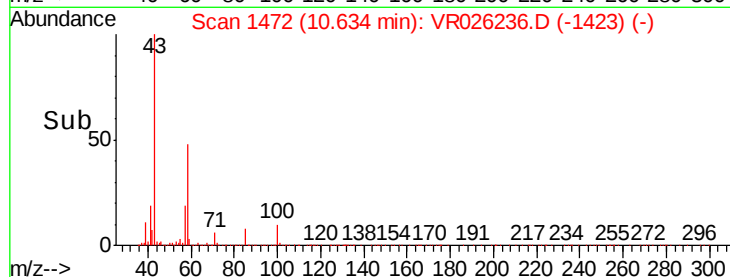
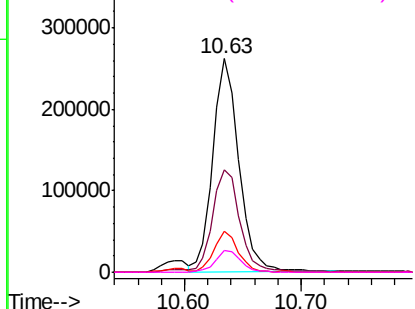
#48
2-Hexanone
Concen: 50.148 ug/L
RT: 10.63 min Scan# 1472
Delta R.T. -0.00 min
Lab File: VR026236.D
Acq: 20 Nov 2018 18:45

Instrument :
MSVOA_R
ClientSampleId :
VICV93

Tgt Ion:	43	Resp:	401654
Ion	Ratio	Lower	Upper
43	100		
58	52.4	41.3	61.9
57	17.4	14.5	21.7
100	10.0	7.5	11.3

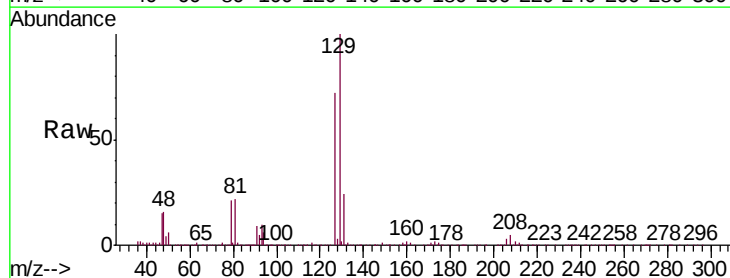


Abundance Ion 43.05 (42.75 to 43.75): VR0
Ion 58.05 (57.75 to 58.75): VR0
Ion 57.20 (56.90 to 57.90): VR0
Ion 100.15 (99.85 to 100.85): VR0

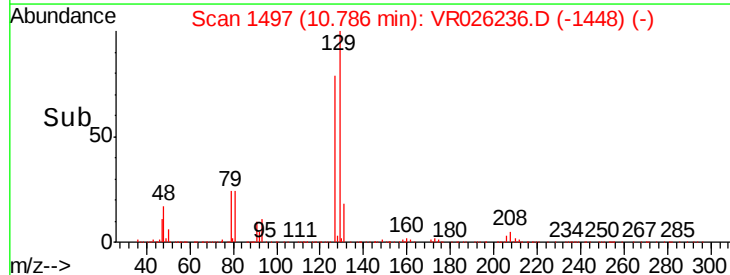
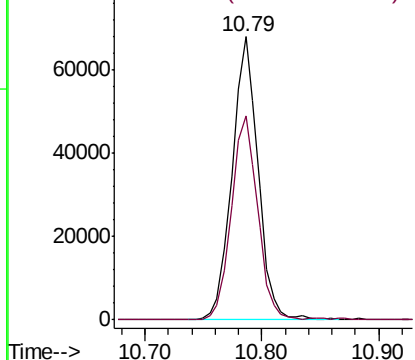


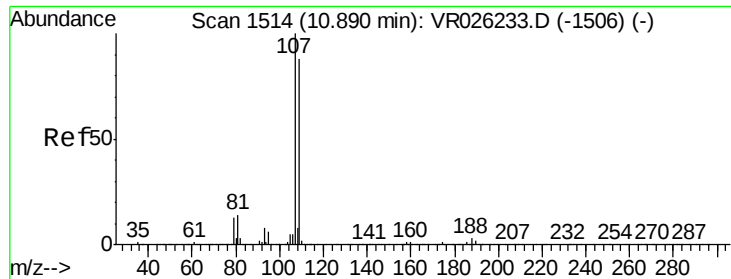
#49
Dibromochloromethane
Concen: 4.709 ug/L
RT: 10.79 min Scan# 1497
Delta R.T. -0.00 min
Lab File: VR026236.D
Acq: 20 Nov 2018 18:45

Tgt Ion:	129	Resp:	105676
Ion	Ratio	Lower	Upper
129	100		
127	72.1	52.8	98.0



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

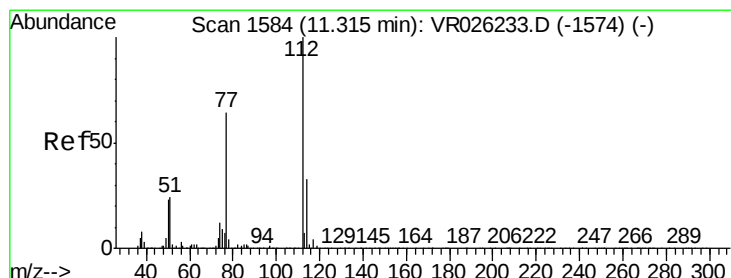
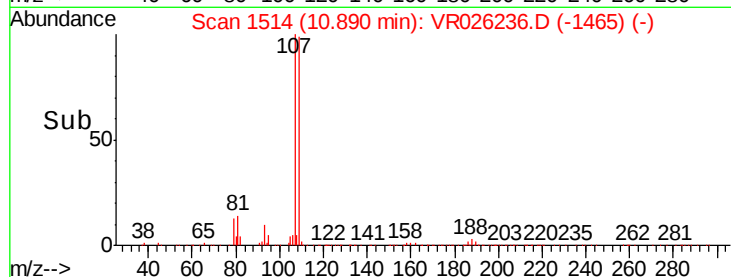
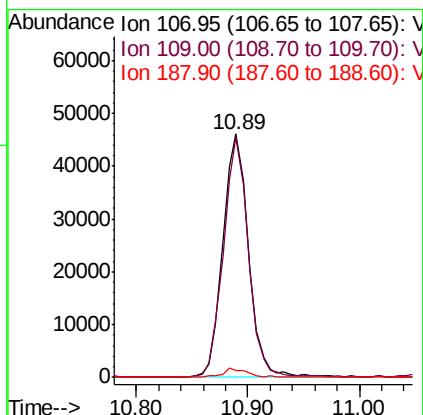
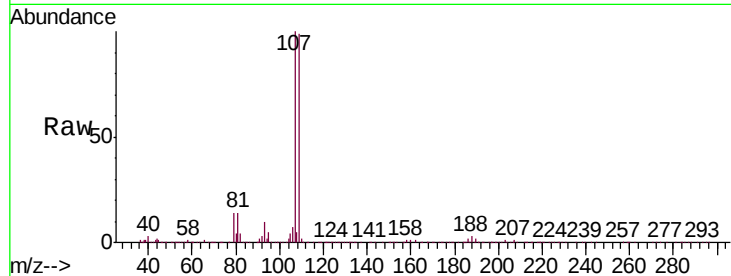




#50
1,2-Dibromoethane
Concen: 4.571 ug/L
RT: 10.89 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VR026236.D
Acq: 20 Nov 2018 18:45

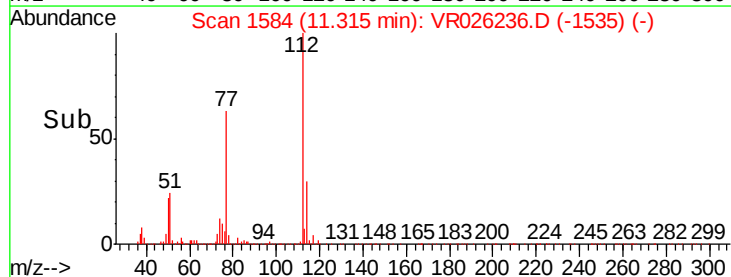
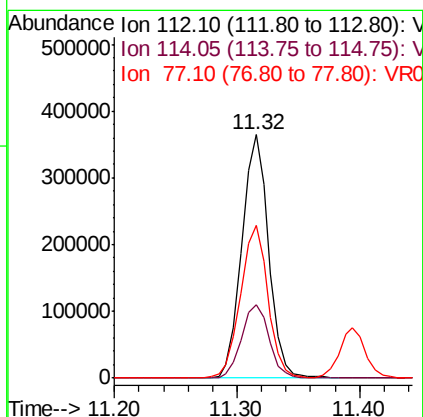
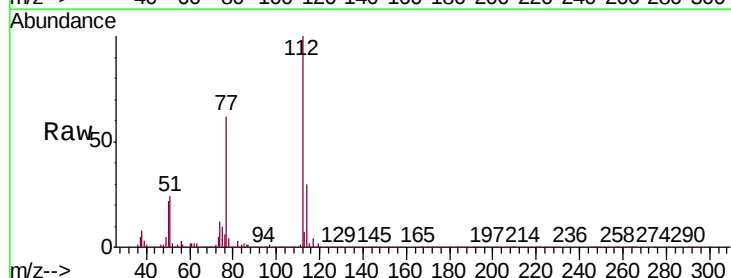
Instrument :
MSVOA_R
ClientSampleId :
VICV93

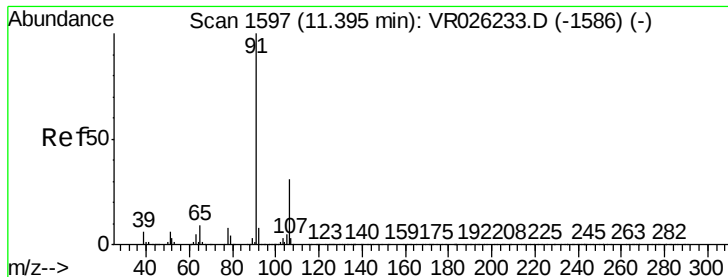
Tgt Ion:107 Resp: 73606
Ion Ratio Lower Upper
107 100
109 98.6 62.1 115.3
188 2.9 2.2 3.2



#51
Chlorobenzene
Concen: 4.546 ug/L
RT: 11.32 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VR026236.D
Acq: 20 Nov 2018 18:45

Tgt Ion:112 Resp: 551014
Ion Ratio Lower Upper
112 100
114 30.4 23.0 42.6
77 62.5 51.5 77.3





#52

Ethylbenzene

Concen: 4.622 ug/L

RT: 11.39 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

Instrument :

MSVOA_R

ClientSampleId :

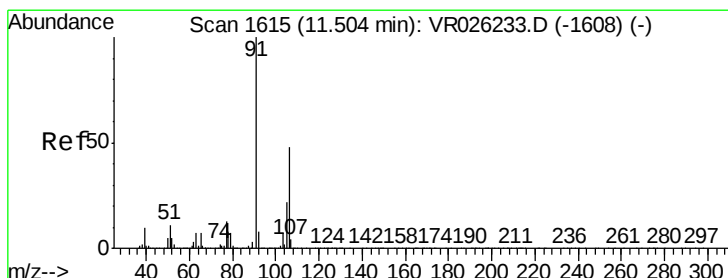
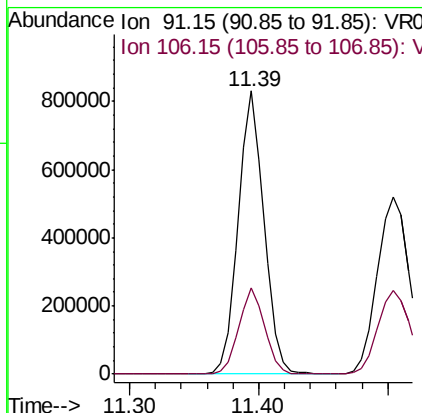
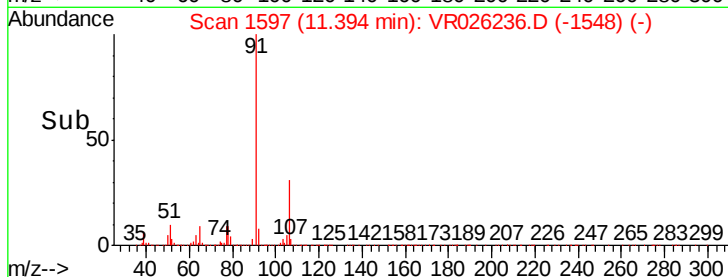
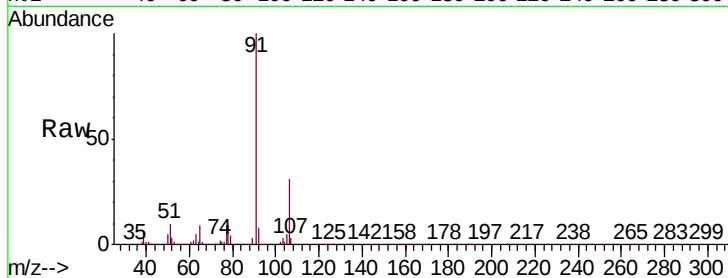
VICV93

Tgt Ion: 91 Resp: 1146511

Ion Ratio Lower Upper

91 100

106 30.6 21.3 39.6



#53

m,p-Xylene

Concen: 4.613 ug/L

RT: 11.50 min Scan# 1615

Delta R.T. -0.00 min

Lab File: VR026236.D

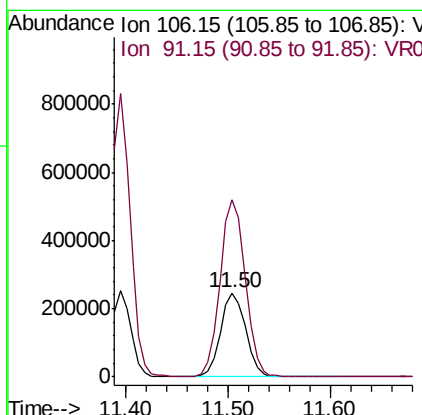
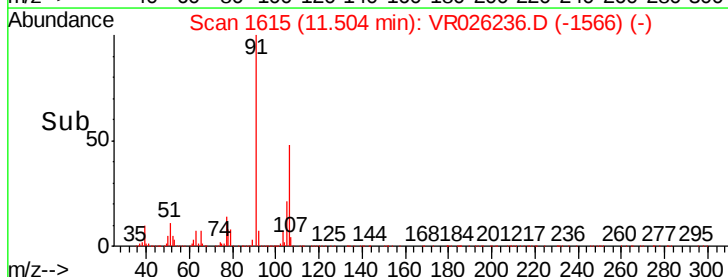
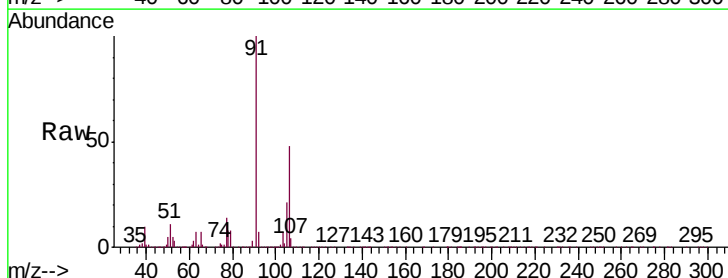
Acq: 20 Nov 2018 18:45

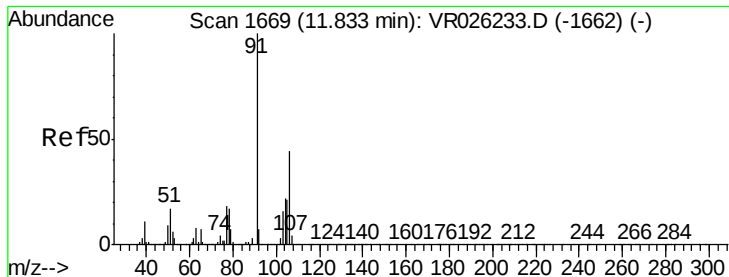
Tgt Ion: 106 Resp: 421962

Ion Ratio Lower Upper

106 100

91 210.0 147.2 273.4

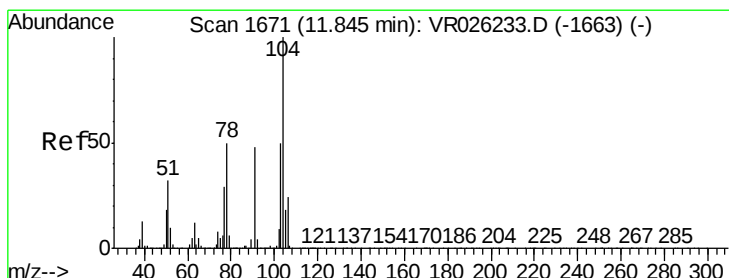
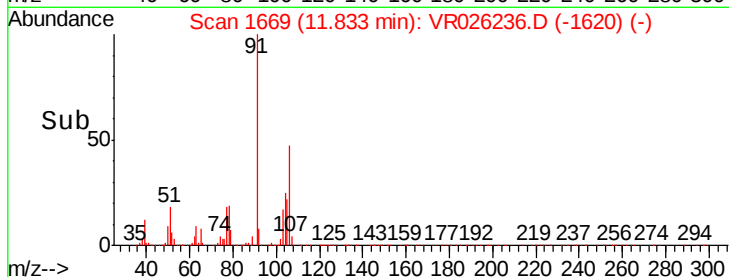
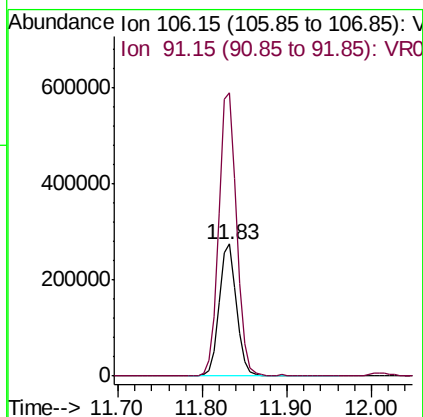
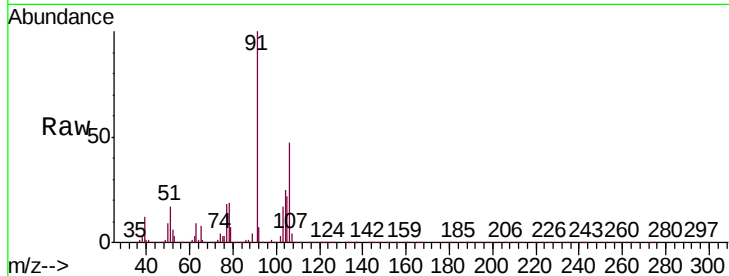




#54
o-Xylene
Concen: 4.683 ug/L
RT: 11.83 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VR026236.D
Acq: 20 Nov 2018 18:45

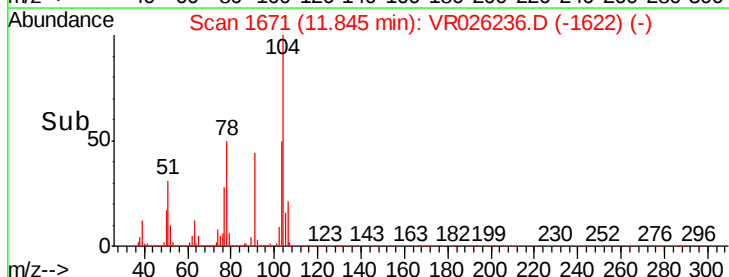
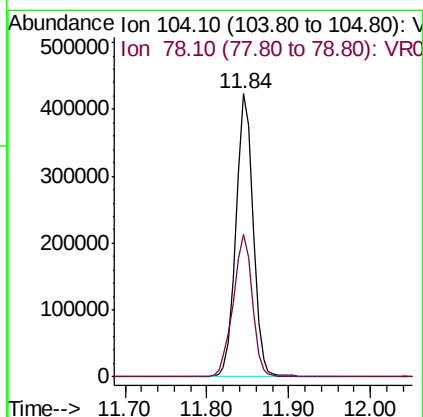
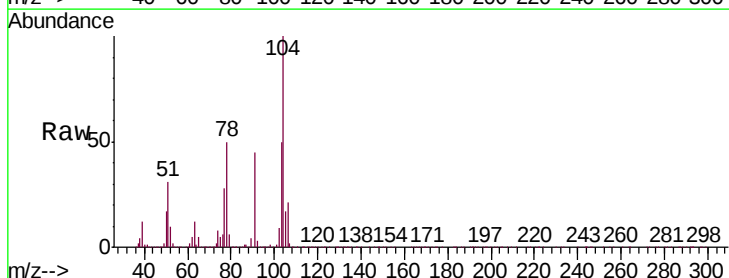
Instrument :
MSVOA_R
ClientSampleId :
VICV93

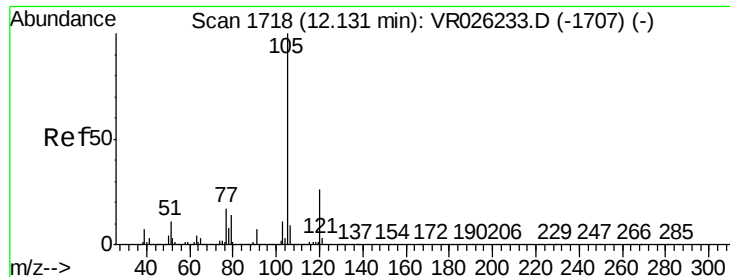
Tgt Ion:106 Resp: 392258
Ion Ratio Lower Upper
106 100
91 214.6 159.0 295.4



#55
Styrene
Concen: 4.771 ug/L
RT: 11.84 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VR026236.D
Acq: 20 Nov 2018 18:45

Tgt Ion:104 Resp: 609908
Ion Ratio Lower Upper
104 100
78 50.2 35.4 65.7





#56

Isopropylbenzene

Concen: 4.740 ug/L

RT: 12.13 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

Instrument :

MSVOA_R

ClientSampled :

VICV93

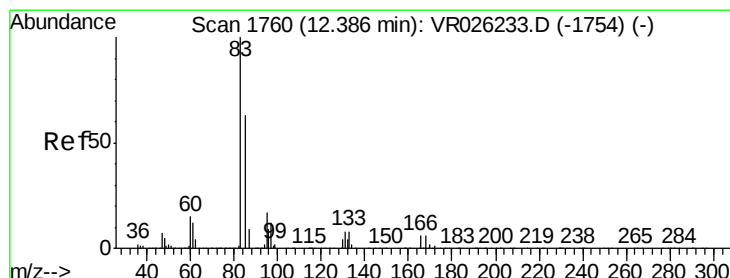
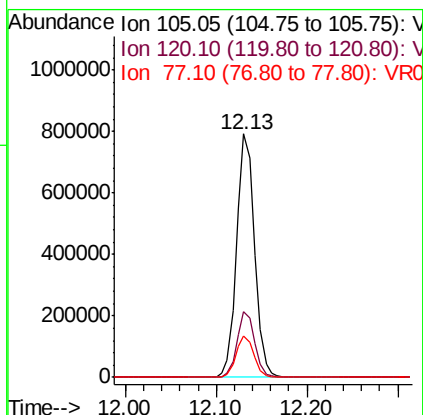
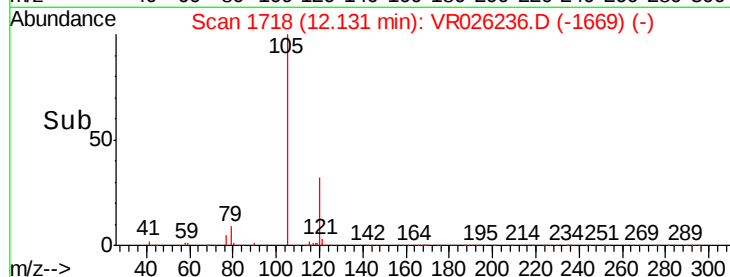
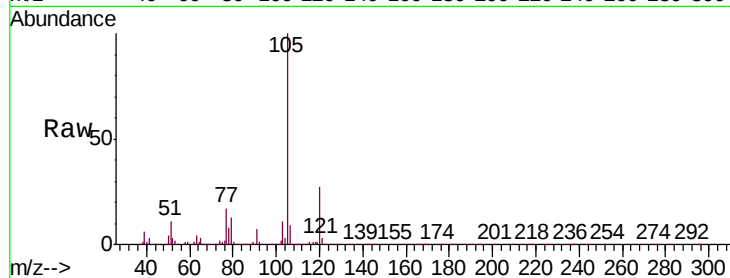
Tgt Ion:105 Resp: 1087566

Ion Ratio Lower Upper

105 100

120 26.2 20.9 31.3

77 17.0 13.8 20.6



#58

1,1,2,2-Tetrachloroethane

Concen: 4.476 ug/L

RT: 12.39 min Scan# 1760

Delta R.T. -0.00 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

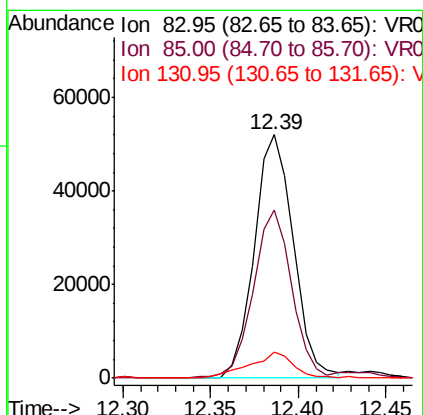
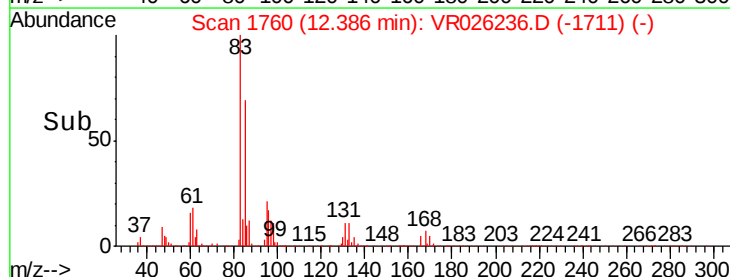
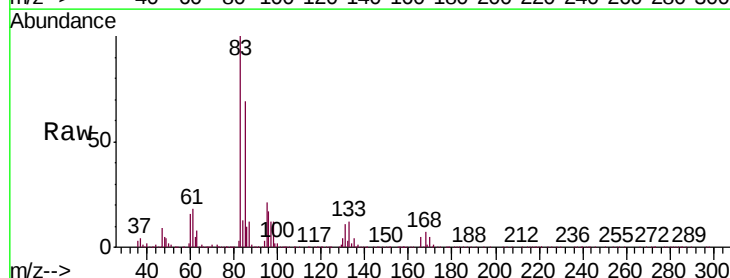
Tgt Ion: 83 Resp: 80455

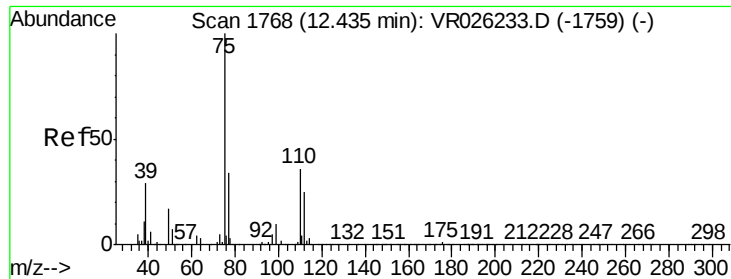
Ion Ratio Lower Upper

83 100

85 69.2 44.5 82.7

131 10.6 7.1 10.7

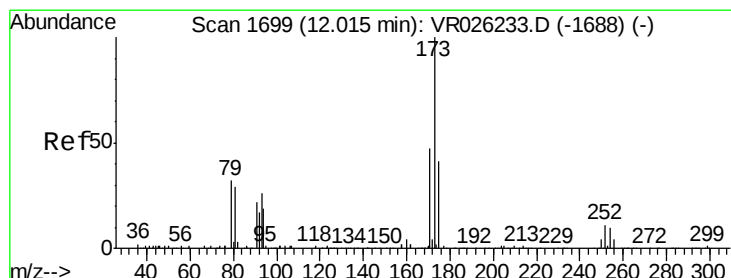
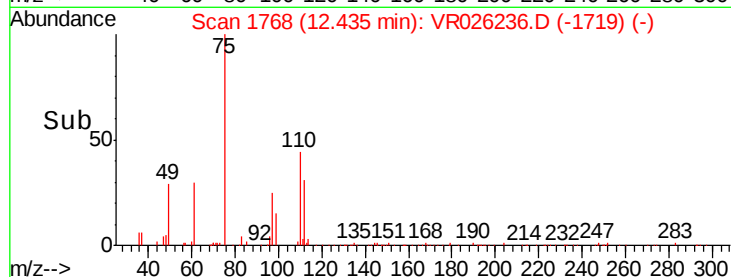
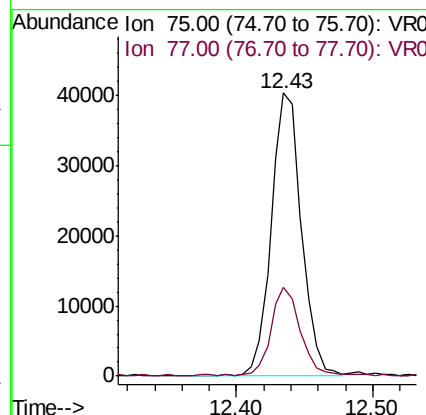
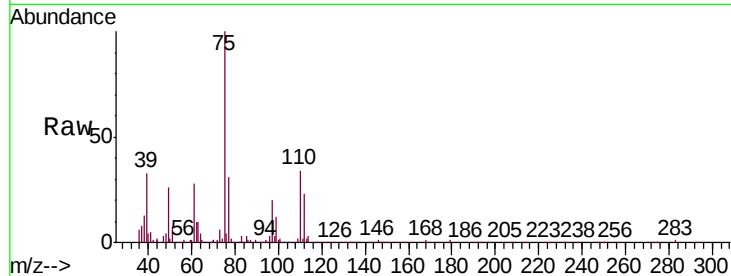




#59
 1,2,3-Trichloropropane
 Concen: 4.653 ug/L
 RT: 12.43 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: VR026236.D
 Acq: 20 Nov 2018 18:45

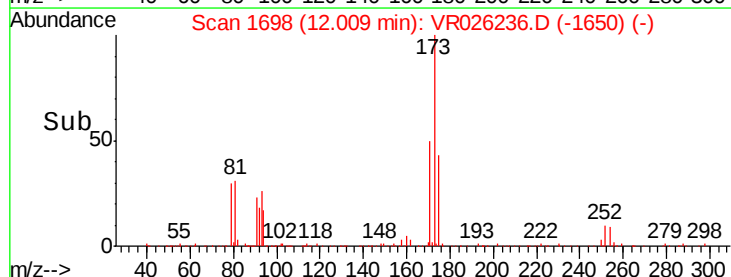
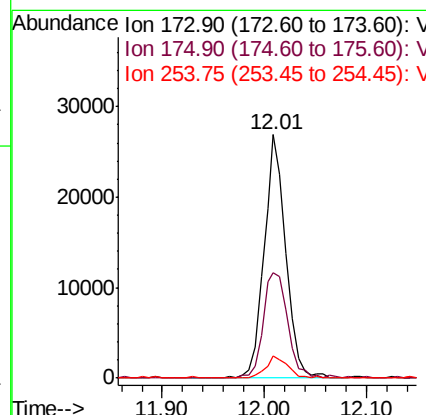
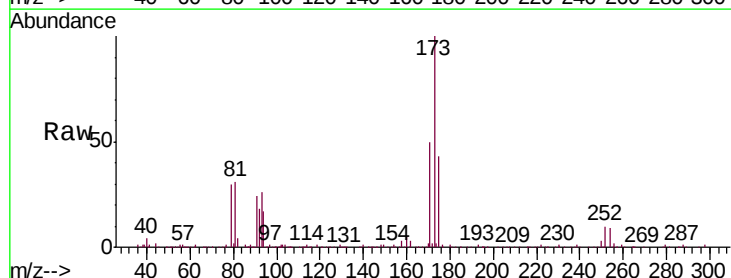
Instrument :
 MSVOA_R
 ClientSampled :
 VICV93

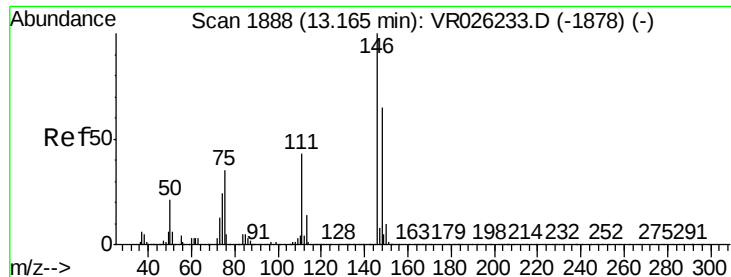
Tgt Ion: 75 Resp: 62704
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.1 39.1



#61
 Bromoform
 Concen: 4.556 ug/L
 RT: 12.01 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: VR026236.D
 Acq: 20 Nov 2018 18:45

Tgt Ion: 173 Resp: 39784
 Ion Ratio Lower Upper
 173 100
 175 49.0 37.8 56.8
 254 9.0 7.5 11.3





#62

1,3-Dichlorobenzene

Concen: 4.661 ug/L

RT: 13.16 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

Instrument :

MSVOA_R

ClientSampleId :

VICV93

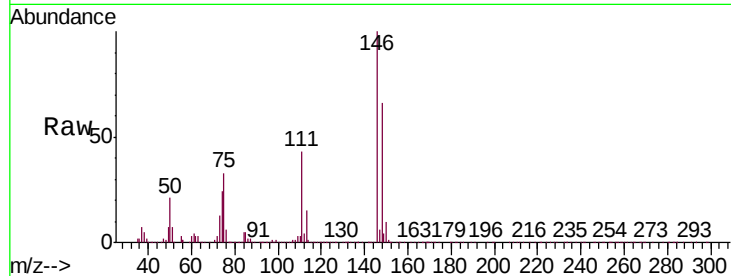
Tgt Ion:146 Resp: 337949

Ion Ratio Lower Upper

146 100

111 42.9 29.9 55.5

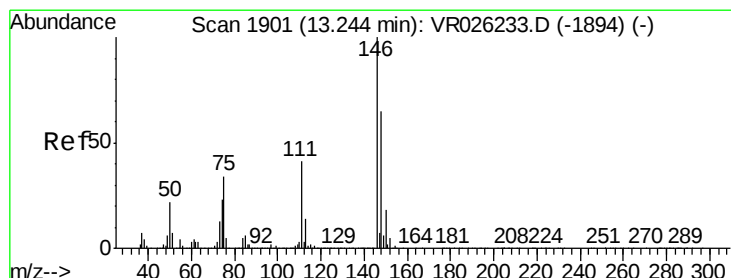
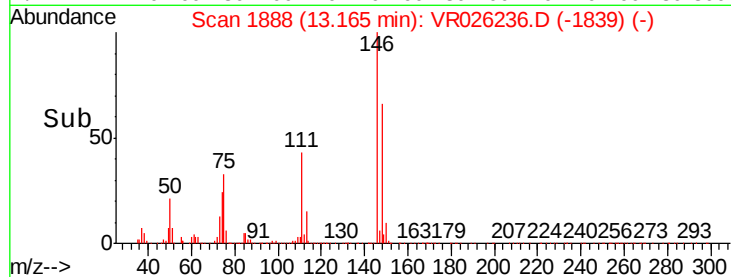
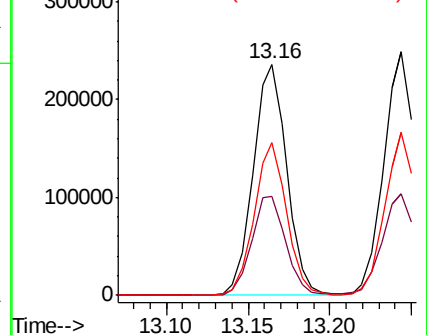
148 65.9 45.6 84.8



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: 4.472 ug/L

RT: 13.24 min Scan# 1901

Delta R.T. -0.00 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

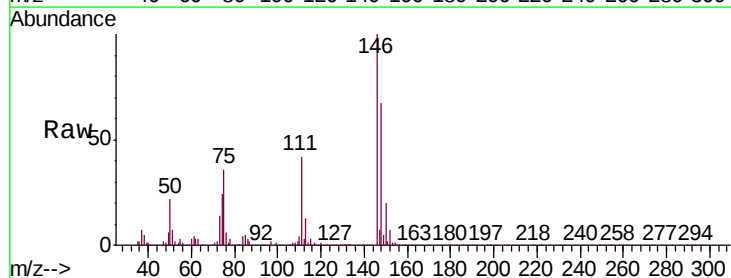
Tgt Ion:146 Resp: 349754

Ion Ratio Lower Upper

146 100

111 41.6 29.0 53.9

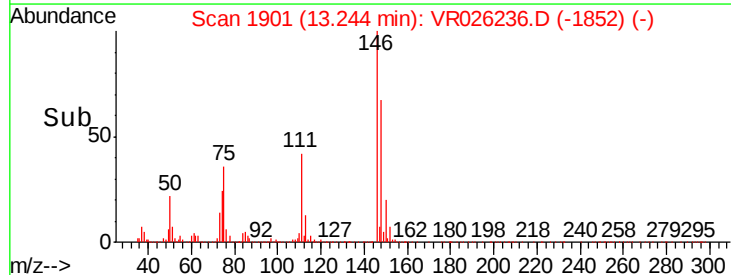
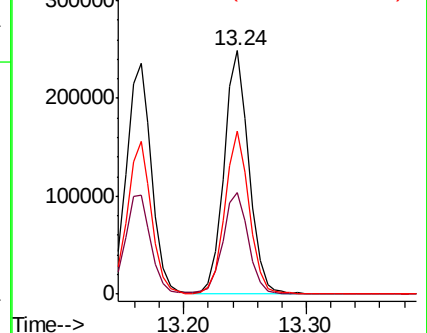
148 66.9 45.6 84.8

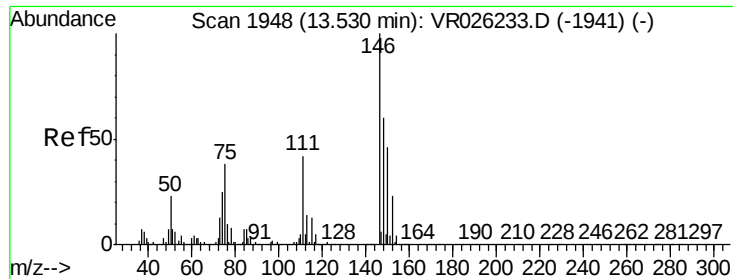


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

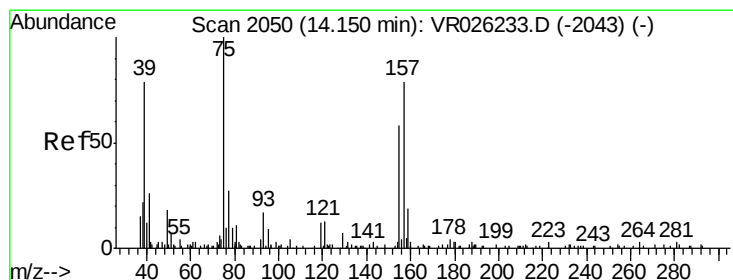
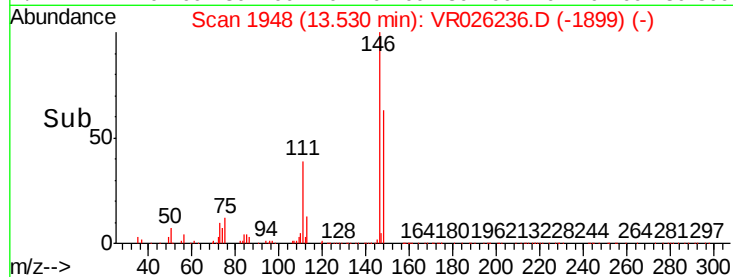
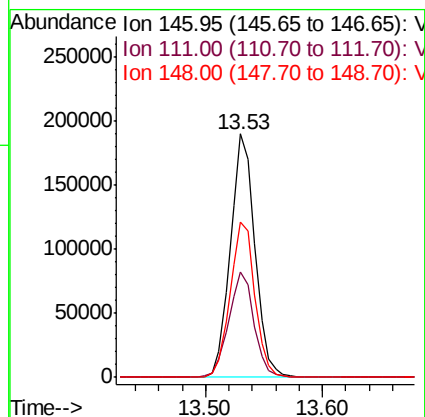
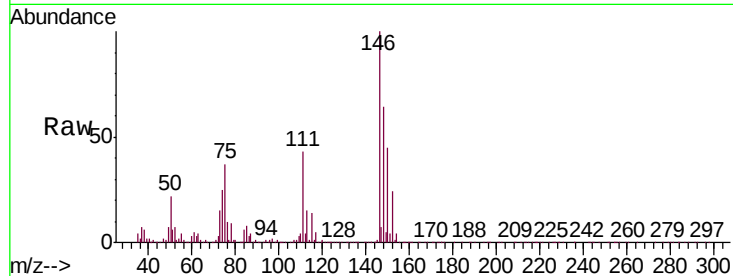




#65
 1,2-Dichlorobenzene
 Concen: 4.642 ug/L
 RT: 13.53 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: VR026236.D
 Acq: 20 Nov 2018 18:45

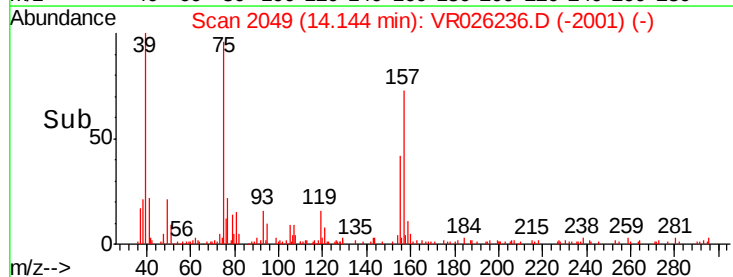
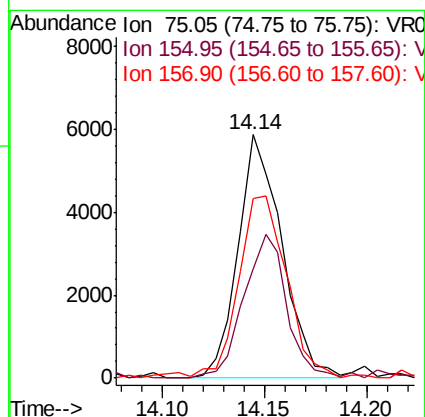
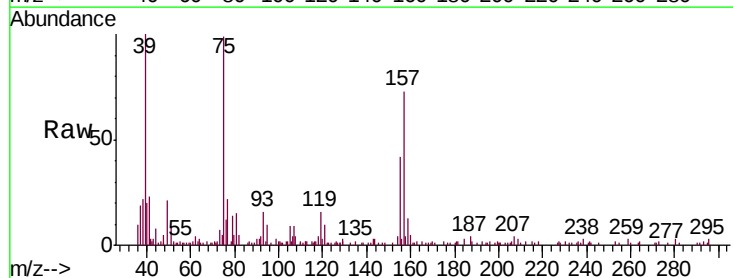
Instrument :
 MSVOA_R
 ClientSampleId :
 VICV93

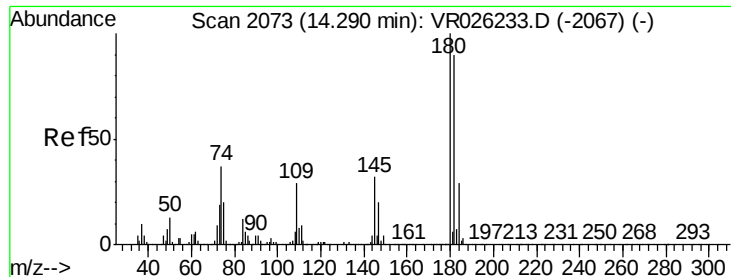
Tgt Ion:146 Resp: 276379
 Ion Ratio Lower Upper
 146 100
 111 43.3 33.7 50.5
 148 63.6 48.2 72.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.387 ug/L
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: VR026236.D
 Acq: 20 Nov 2018 18:45

Tgt Ion: 75 Resp: 8734
 Ion Ratio Lower Upper
 75 100
 155 45.1 46.0 69.0#
 157 73.8 65.5 98.3

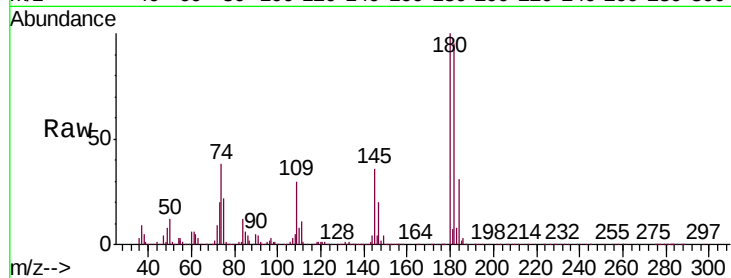




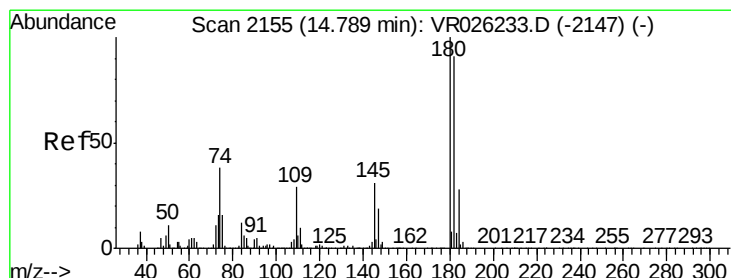
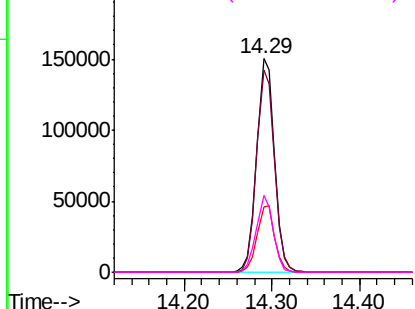
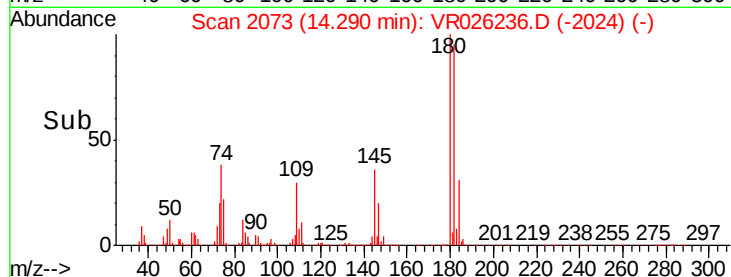
#67
 1,3,5-Trichlorobenzene
 Concen: 4.469 ug/L
 RT: 14.29 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: VR026236.D
 Acq: 20 Nov 2018 18:45

Instrument :
 MSVOA_R
 ClientSampleId :
 VICV93

Tgt Ion:	180	Resp:	209812
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.5	114.7
184	31.2	24.7	37.1
145	34.2	26.2	39.4

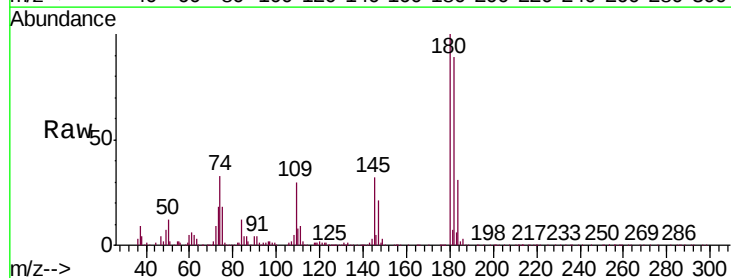


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

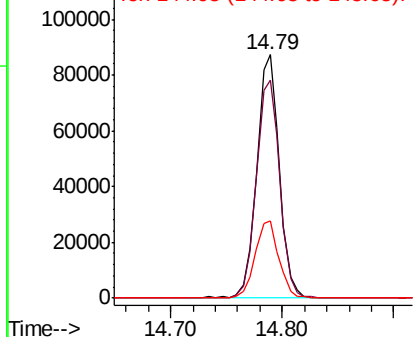
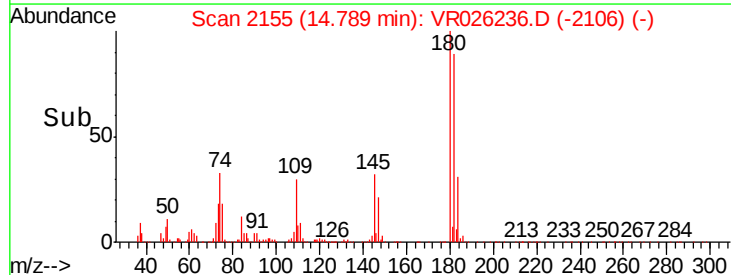


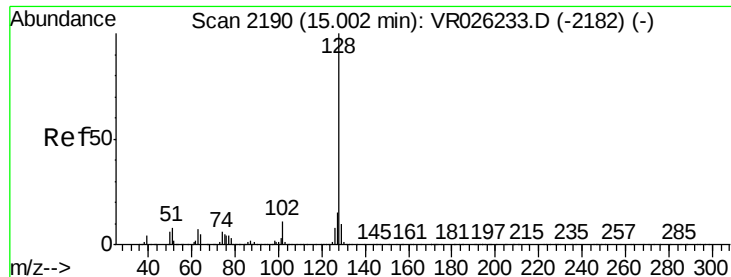
#68
 1,2,4-trichlorobenzene
 Concen: 4.616 ug/L
 RT: 14.79 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: VR026236.D
 Acq: 20 Nov 2018 18:45

Tgt Ion:	180	Resp:	122549
Ion Ratio	Lower	Upper	
180	100		
182	93.6	76.2	114.4
145	33.4	26.2	39.4



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: 4.953 ug/L

RT: 15.00 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

Instrument :

MSVOA_R

ClientSampled :

VICV93

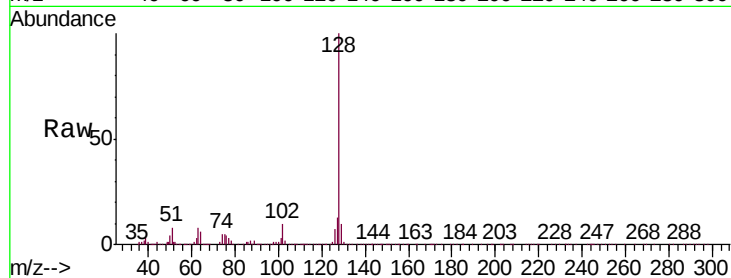
Tgt Ion:128 Resp: 128087

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

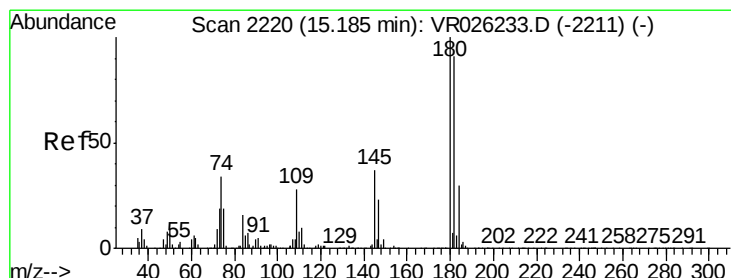
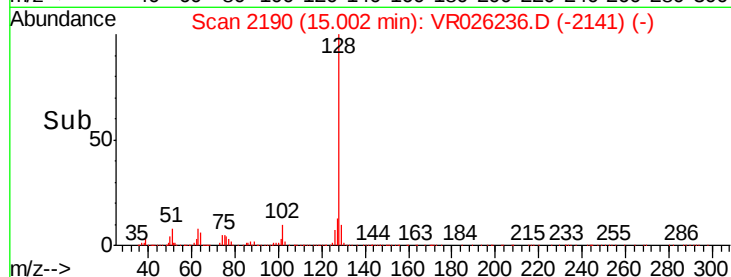
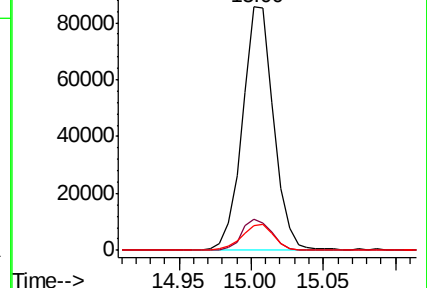
129 10.9 9.0 13.6



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: 4.755 ug/L

RT: 15.18 min Scan# 2219

Delta R.T. -0.01 min

Lab File: VR026236.D

Acq: 20 Nov 2018 18:45

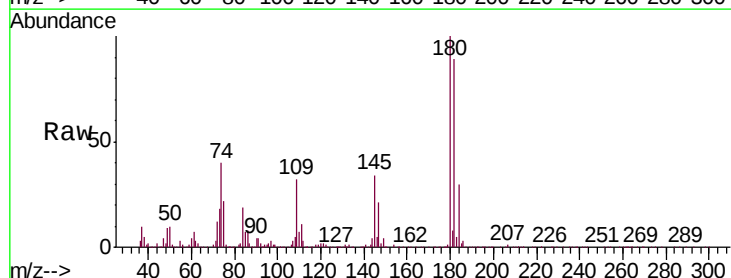
Tgt Ion:180 Resp: 90297

Ion Ratio Lower Upper

180 100

182 92.4 74.4 111.6

145 35.3 29.0 43.6



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

