

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080918\
 Data File : VW004527.D
 Acq On : 08 Aug 2018 11:31
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 09 01:58:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 08 05:39:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	1004935	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	987638	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	510185	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	252902	20.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.92%
7) Chloroethane-d5	2.90	69	227300	21.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.48%
10) 1,1-Dichloroethene-d2	4.01	63	565449	22.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.12%
20) 2-Butanone-d5	7.09	46	286131	51.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.84%
24) Chloroform-d	7.65	84	620017	22.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.16%
26) 1,2-Dichloroethane-d4	8.31	65	343832	22.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.68%
29) Benzene-d6	8.28	84	1156629	22.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.04%
33) 1,2-Dichloropropane-d6	9.28	67	386740	22.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.08%
37) Toluene-d8	10.33	98	1041326	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.92%
38) trans-1,3-Dichloropropene-	10.58	79	159415	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.32%
39) 2-Hexanone-d5	10.93	63	229873	54.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.98%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	454794	24.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	440598	22.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.96%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	241667	23.130	ug/L 98
3) Chloromethane	2.21	50	299851	21.727	ug/L 99
5) Vinyl chloride	2.37	62	455934	25.317	ug/L 96
6) Bromomethane	2.79	94	254074	24.394	ug/L 99
8) Chloroethane	2.93	64	274675	25.423	ug/L 98
9) Trichlorofluoromethane	3.26	101	207912	25.311	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	380011	26.644	ug/L 97
12) 1,1-Dichloroethene	4.03	96	348964	25.044	ug/L 97
13) Acetone	4.15	43	291412	61.030	ug/L 100
14) Carbon disulfide	4.38	76	1059171	24.781	ug/L 100
15) Methyl Acetate	4.68	43	241628	24.828	ug/L 99
16) Methylene chloride	4.91	84	477224	23.908	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	512817	27.189	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	356856	25.043	ug/L 96
19) 1,1-Dichloroethane	6.21	63	684216	25.303	ug/L 98
21) 2-Butanone	7.18	43	348584	53.335	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	401947	25.843	ug/L 98

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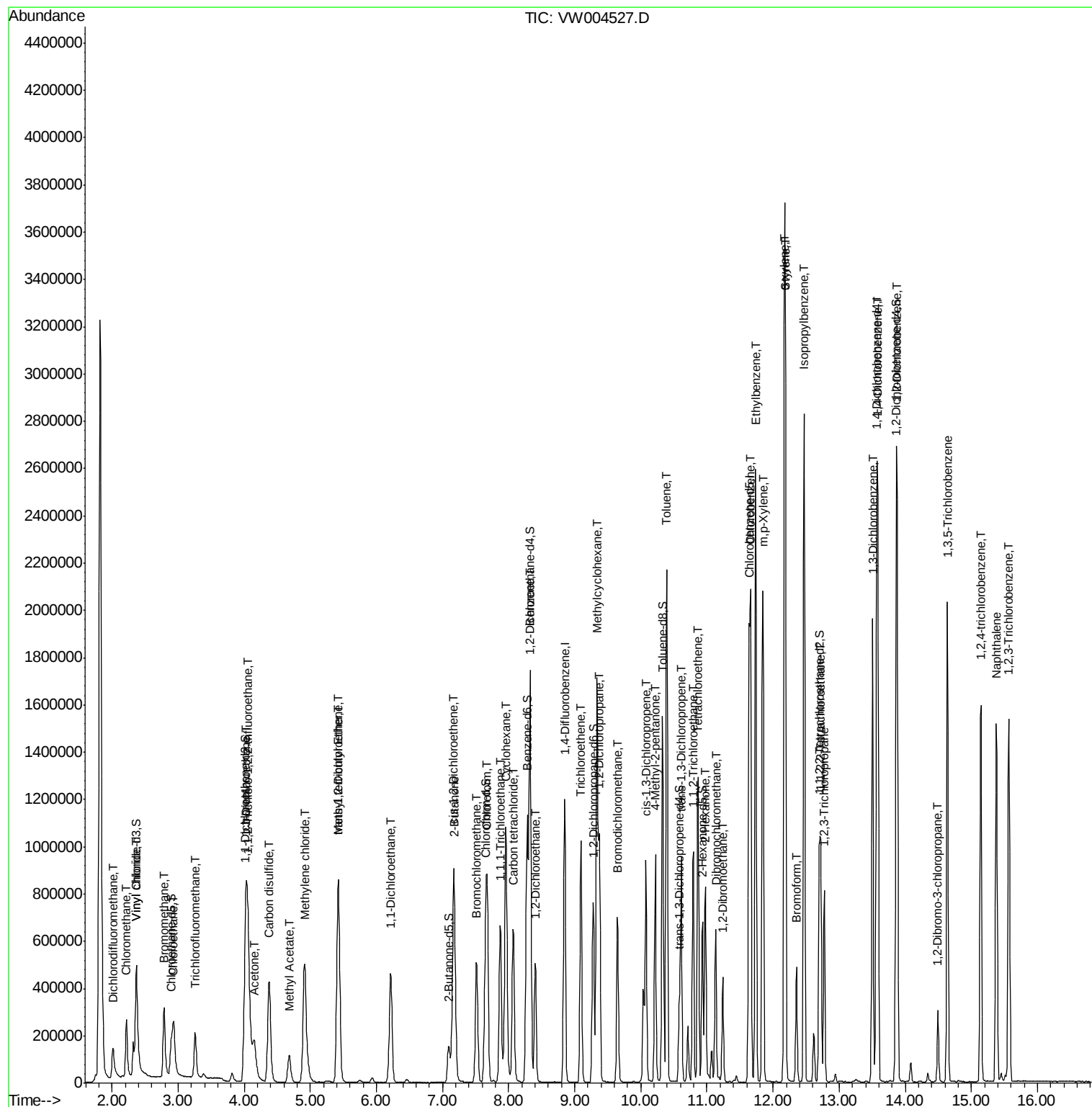
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	185677	24.942	ug/L	99
25) Chloroform	7.68	83	686616	24.876	ug/L	100
27) 1,2-Dichloroethane	8.40	62	451950	24.374	ug/L	99
30) Cyclohexane	7.96	56	629627	26.956	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	540233	25.745	ug/L	99
32) Carbon tetrachloride	8.07	117	507526	25.097	ug/L	100
34) Benzene	8.32	78	1528044	25.094	ug/L	100
35) Trichloroethene	9.09	95	370726	24.204	ug/L	99
36) Methylcyclohexane	9.34	83	702320	26.121	ug/L	99
40) 1,2-Dichloropropane	9.37	63	403407	25.014	ug/L	100
41) Bromodichloromethane	9.65	83	471005	24.313	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	570388	25.854	ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	640286	52.950	ug/L	100
44) Toluene	10.39	91	1600345	26.116	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	514111	25.924	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	314243	25.064	ug/L	99
47) Tetrachloroethene	10.87	164	300009	24.756	ug/L	99
49) 2-Hexanone	10.98	43	509835	56.105	ug/L	99
50) Dibromochloromethane	11.13	129	348176	25.034	ug/L	99
51) 1,2-Dibromoethane	11.24	107	300366	24.993	ug/L	99
52) Chlorobenzene	11.66	112	1042874	25.165	ug/L	100
53) Ethylbenzene	11.74	91	1809458	26.278	ug/L	99
54) m,p-Xylene	11.85	106	686716	26.730	ug/L	98
55) o-xylene	12.17	106	657685	27.018	ug/L	98
56) Styrene	12.19	104	1167980	27.535	ug/L	99
57) Isopropylbenzene	12.47	105	1806325	27.414	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	459342	25.242	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	346507	25.495	ug/L	98
62) Bromoform	12.35	173	225613	24.332	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	811044	25.548	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	863941	25.322	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	802556	25.231	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	77616	23.754	ug/L	92
67) 1,3,5-Trichlorobenzene	14.64	180	652626	25.933	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	542394	26.641	ug/L	100
69) Naphthalene	15.38	128	1284797	27.671	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	540701	27.271	ug/L	100

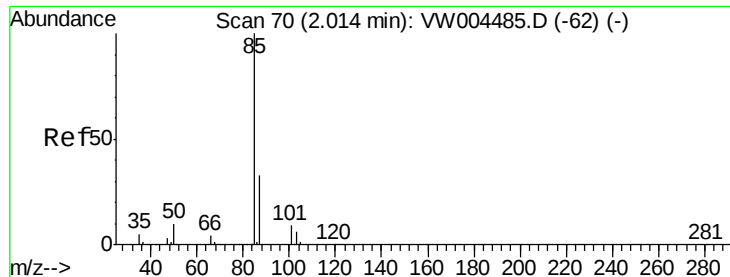
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 23.130 ug/L

RT: 2.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VW004527.D

Acq: 08 Aug 2018 11:31

Instrument :

MSVOA_W

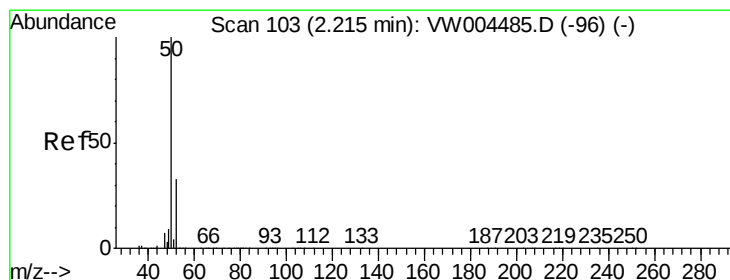
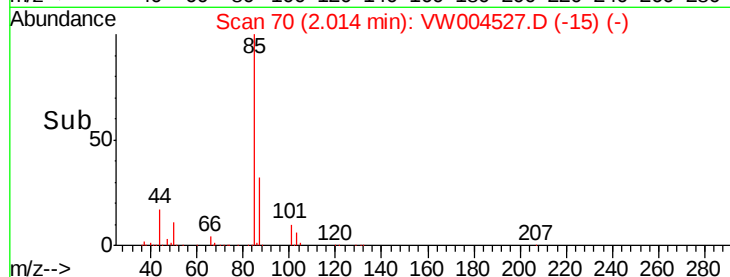
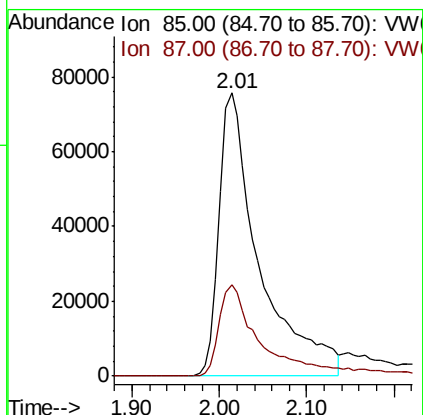
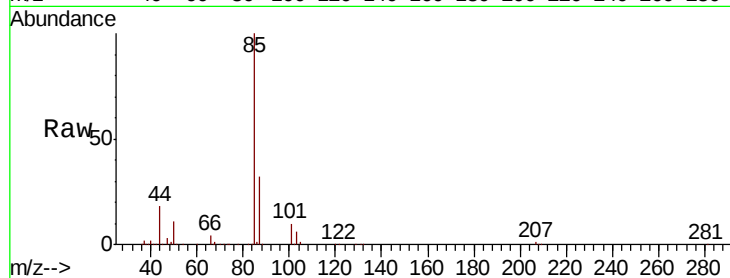
ClientSampleId :

Tot Ion: 85 Resp: 241667

Ion Ratio Lower Upper

85 100

87 29.9 20.2 37.4



#3

Chloromethane

Concen: 21.727 ug/L

RT: 2.21 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004527.D

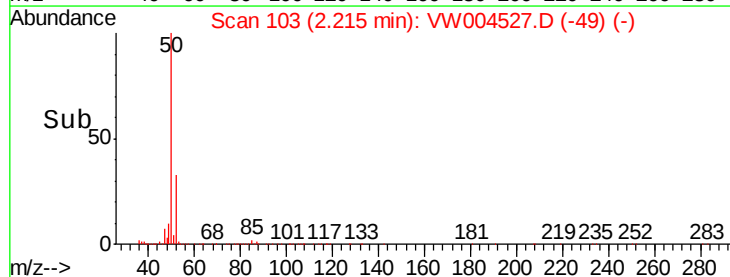
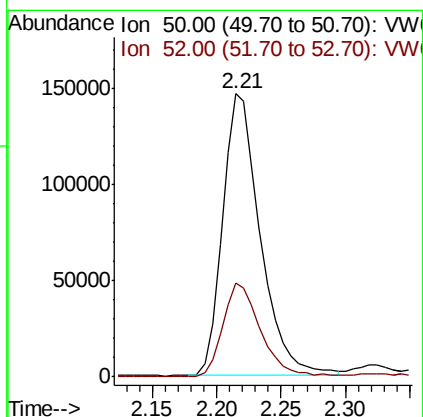
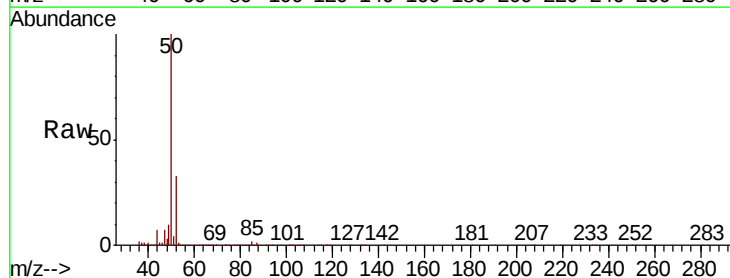
Acq: 08 Aug 2018 11:31

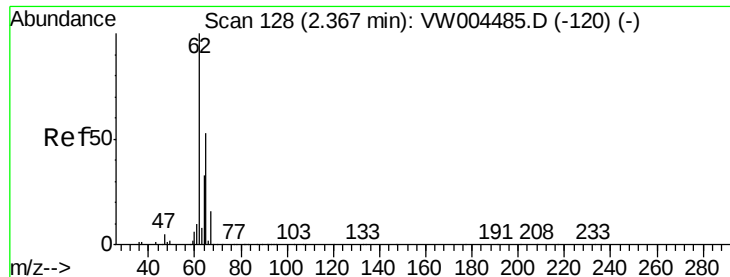
Tgt Ion: 50 Resp: 299851

Ion Ratio Lower Upper

50 100

52 33.0 23.4 43.6





#5

Vinyl chloride

Concen: 25.317 ug/L

RT: 2.37 min Scan# 129

Delta R.T. 0.01 min

Lab File: VW004527.D

Acq: 08 Aug 2018 11:31

Instrument :

MSVOA_W

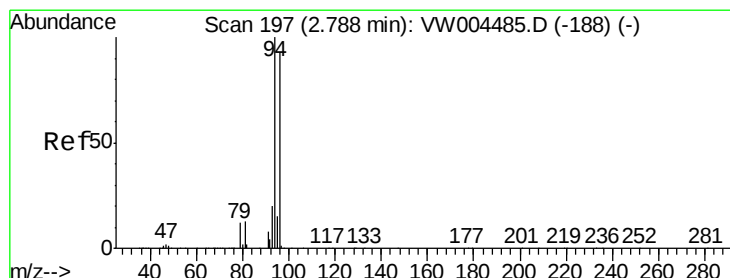
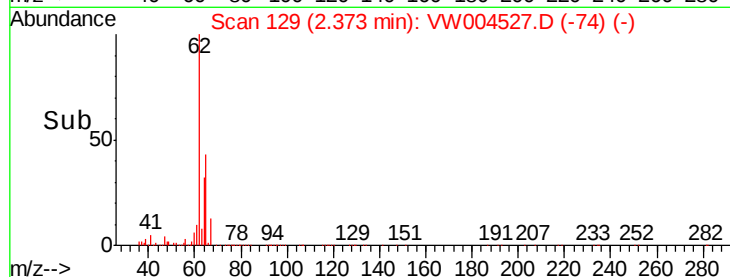
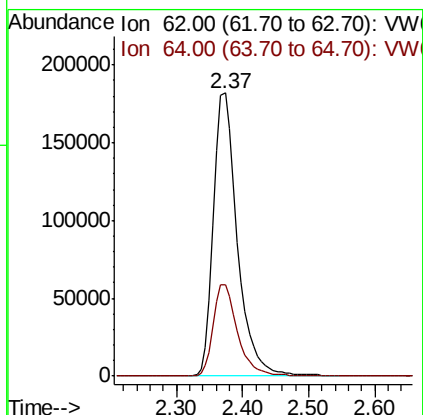
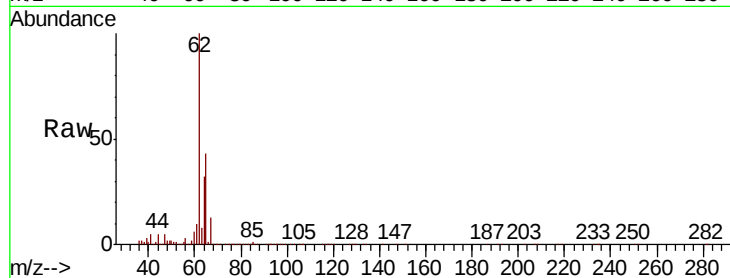
ClientSampled :

Tot Ion: 62 Resp: 455934

Ion Ratio Lower Upper

62 100

64 32.2 24.0 44.6



#6

Bromomethane

Concen: 24.394 ug/L

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VW004527.D

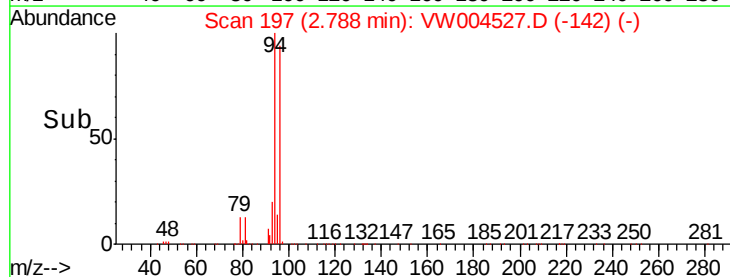
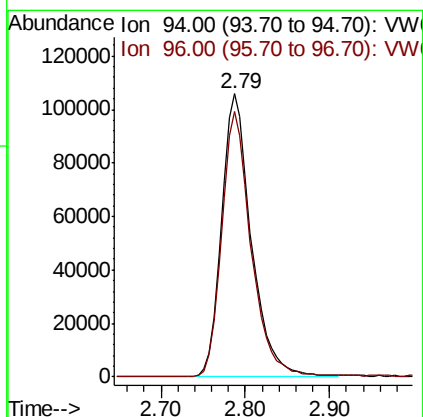
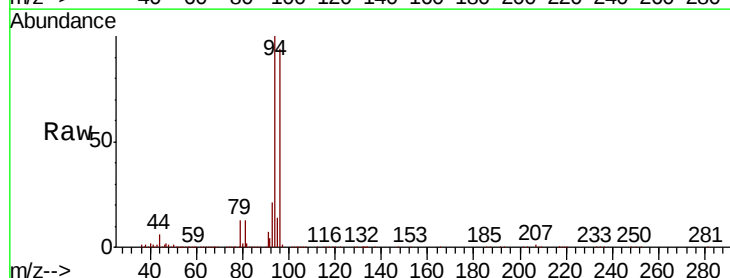
Acq: 08 Aug 2018 11:31

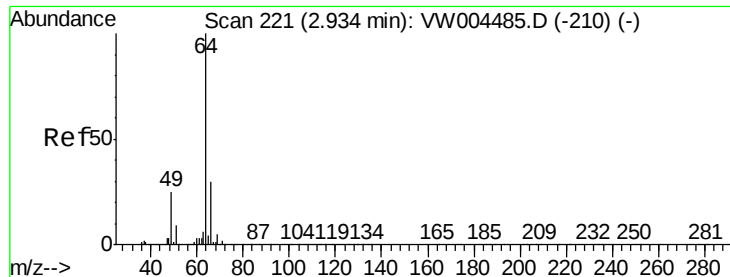
Tgt Ion: 94 Resp: 254074

Ion Ratio Lower Upper

94 100

96 93.0 9.2 175.2

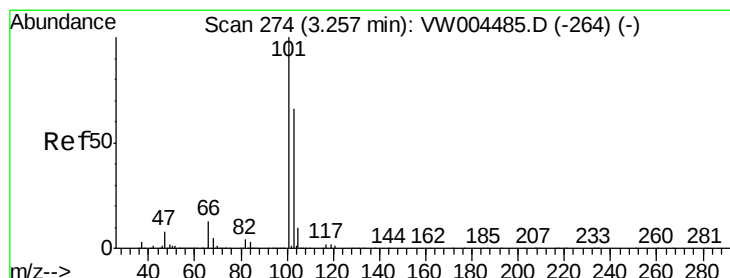
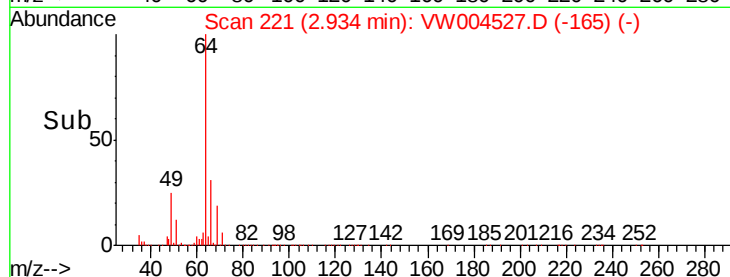
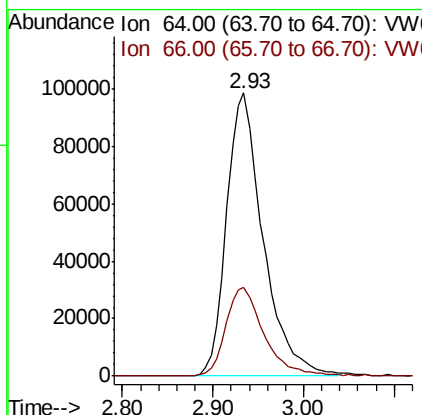
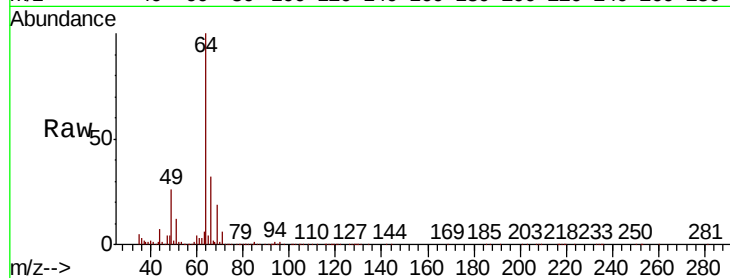




#8
Chloroethane
Concen: 25.423 ug/L
RT: 2.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VW004527.D
Acq: 08 Aug 2018 11:31

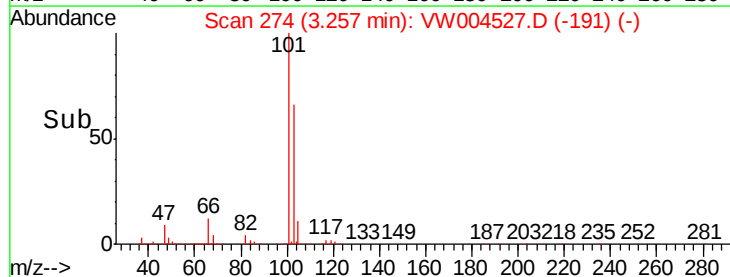
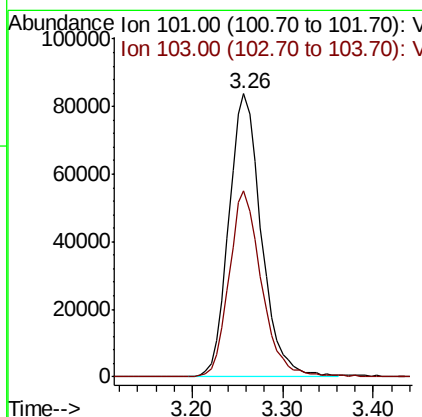
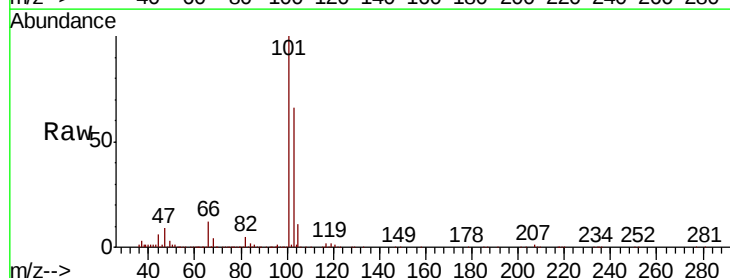
Instrument :
MSVOA_W
ClientSampled :

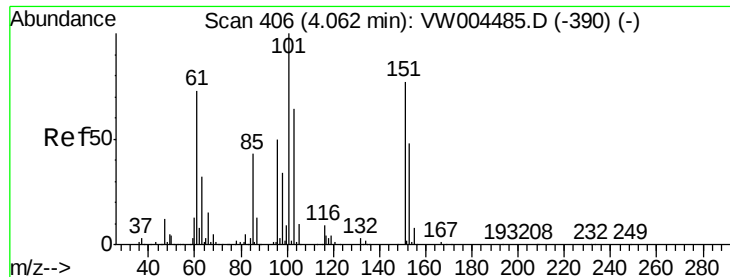
Tot Ion: 64 Resp: 274675
Ion Ratio Lower Upper
64 100
66 31.5 22.8 42.4



#9
Trichlorofluoromethane
Concen: 25.311 ug/L
RT: 3.26 min Scan# 274
Delta R.T. 0.01 min
Lab File: VW004527.D
Acq: 08 Aug 2018 11:31

Tgt Ion: 101 Resp: 207912
Ion Ratio Lower Upper
101 100
103 64.5 45.3 84.1





#11

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

Concen: 26.644 ug/L

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW004527.D

Acq: 08 Aug 2018 11:31

Instrument :

MSVOA_W

ClientSampleId :

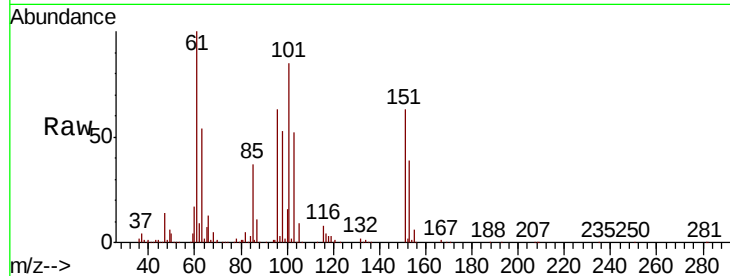
Tot Ion:101 Resp: 380011

Ion Ratio Lower Upper

101 100

85 42.8 35.6 53.4

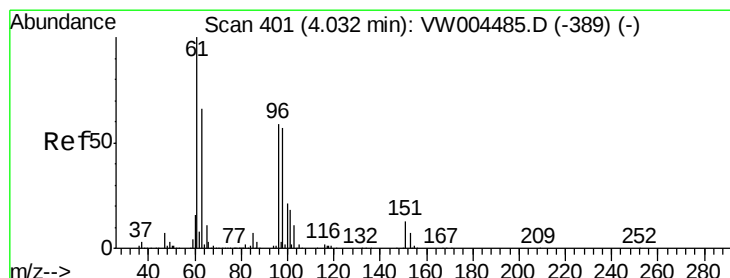
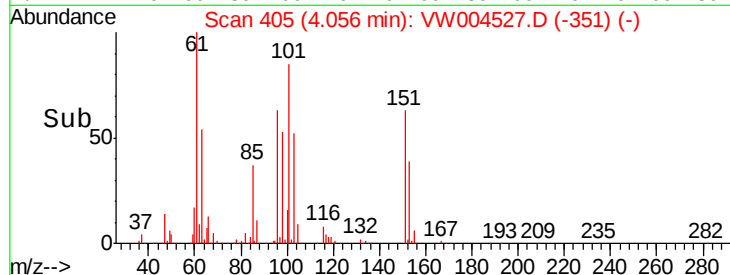
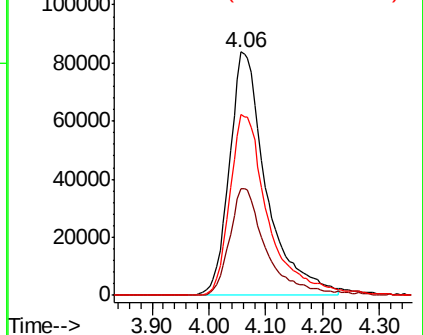
151 76.1 62.6 94.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 25.044 ug/L

RT: 4.03 min Scan# 401

Delta R.T. 0.01 min

Lab File: VW004527.D

Acq: 08 Aug 2018 11:31

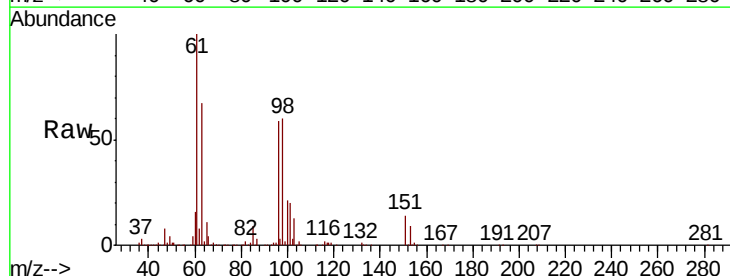
Tgt Ion: 96 Resp: 348964

Ion Ratio Lower Upper

96 100

61 170.5 115.9 215.3

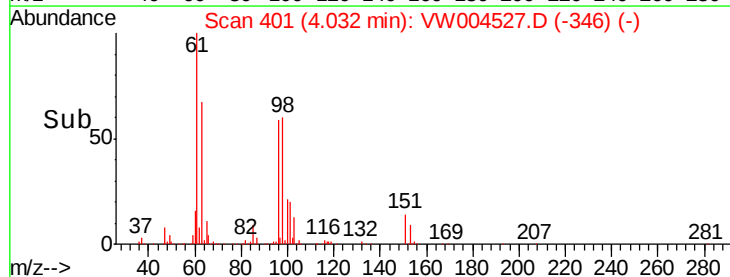
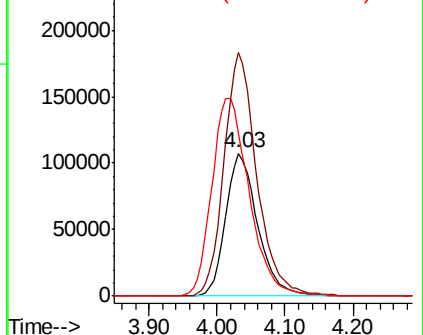
63 114.5 78.0 144.9

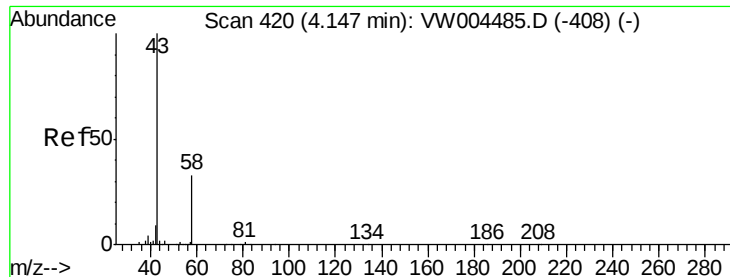


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 61.030 ug/L

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW004527.D

Acq: 08 Aug 2018 11:31

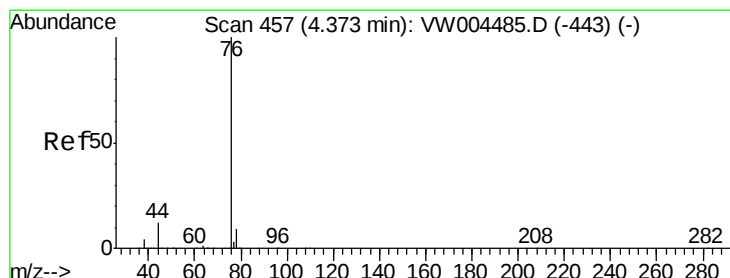
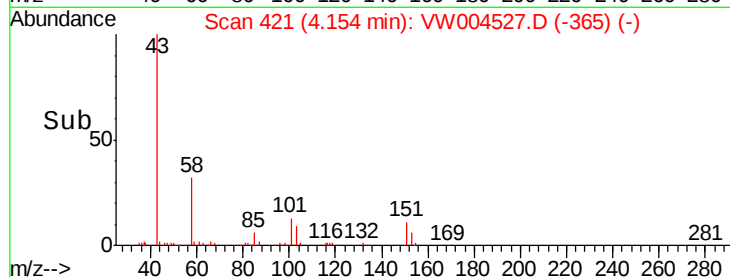
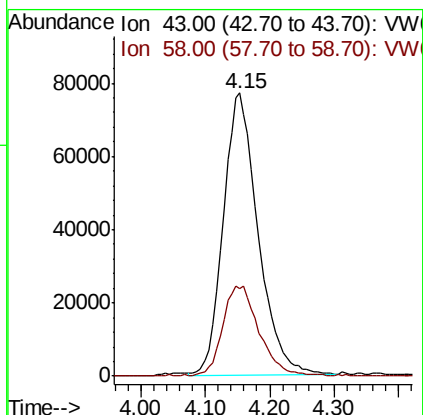
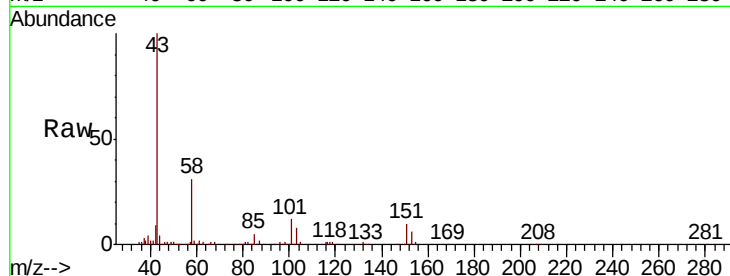
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 291412

Ion Ratio Lower Upper

43 100

58 33.1 0.0 66.4



#14

Carbon disulfide

Concen: 24.781 ug/L

RT: 4.38 min Scan# 458

Delta R.T. 0.01 min

Lab File: VW004527.D

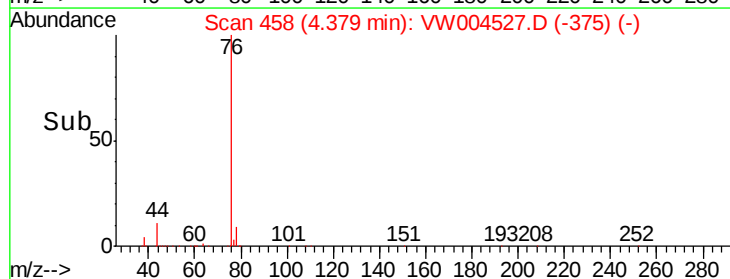
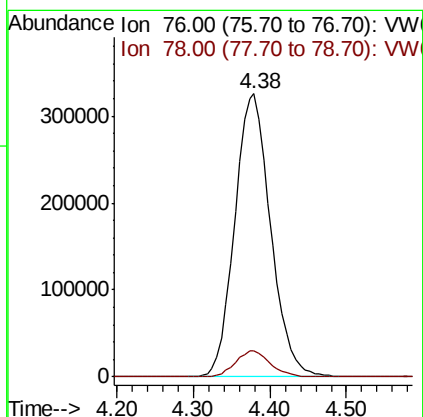
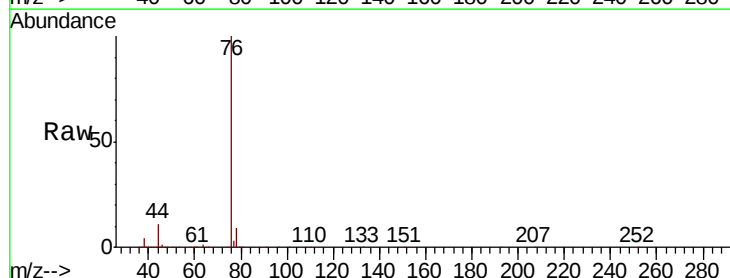
Acq: 08 Aug 2018 11:31

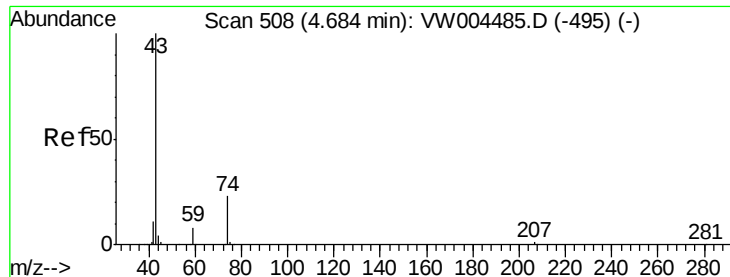
Tgt Ion: 76 Resp: 1059171

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

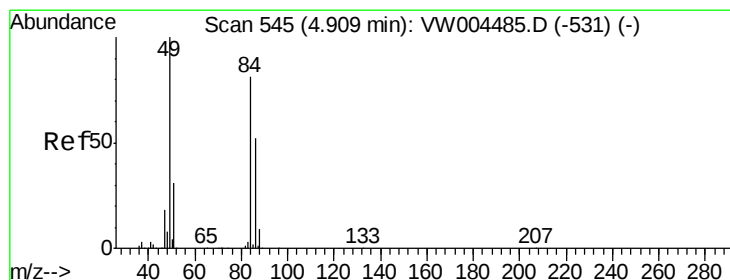
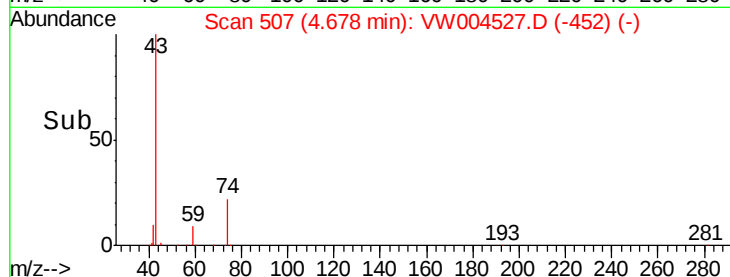
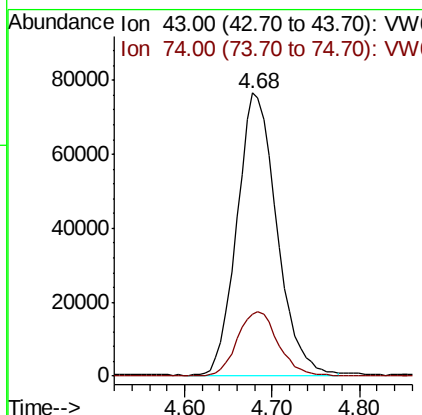
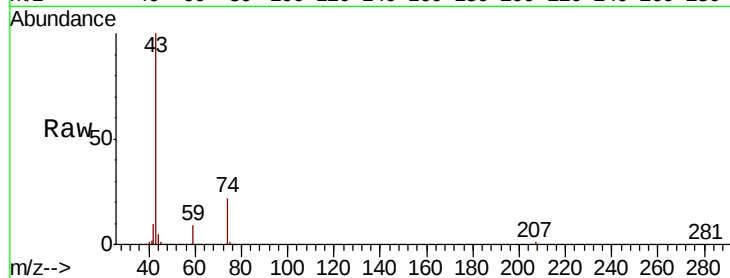




#15
Methvl Acetate
Concen: 24.828 ug/L
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004527.D
Acq: 08 Aug 2018 11:31

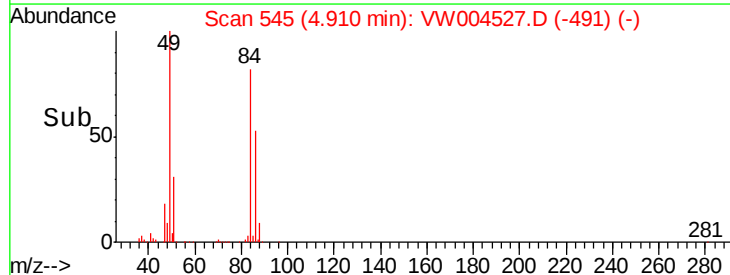
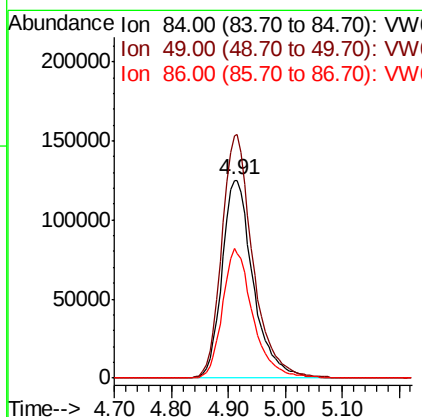
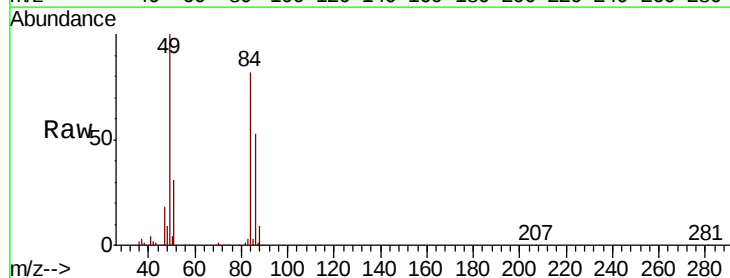
Instrument :
MSVOA_W
ClientSampleId :

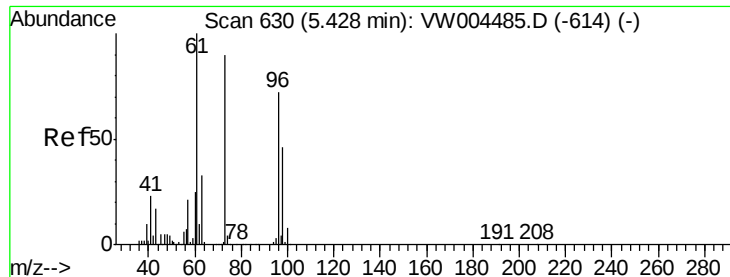
Tot Ion: 43 Resp: 241628
Ion Ratio Lower Upper
43 100
74 23.6 18.6 28.0



#16
Methylene chloride
Concen: 23.908 ug/L
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW004527.D
Acq: 08 Aug 2018 11:31

Tgt Ion: 84 Resp: 477224
Ion Ratio Lower Upper
84 100
49 122.6 86.0 159.6
86 65.2 43.5 80.9

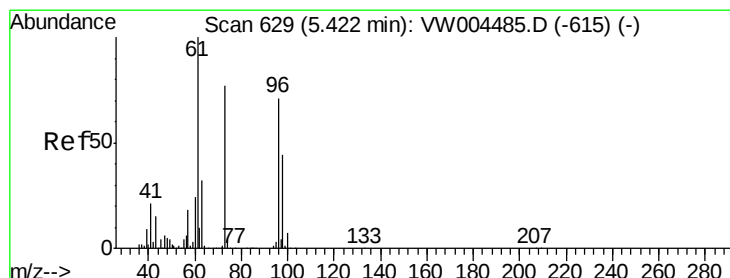
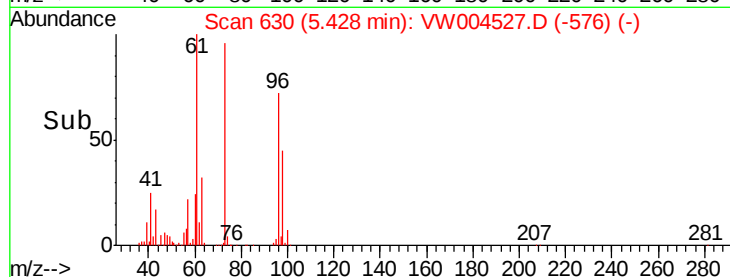
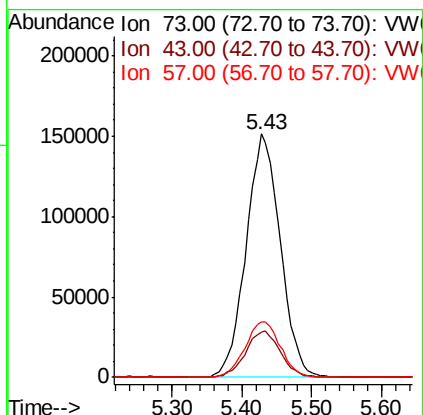
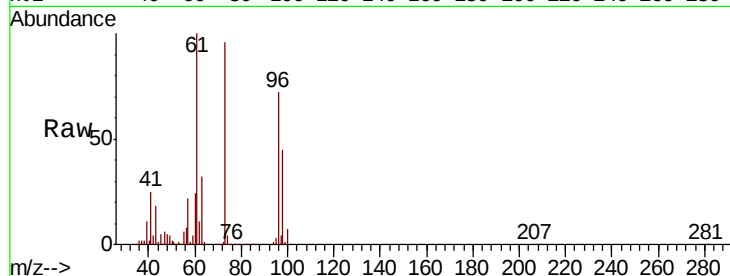




#17
Methvl tert-butvl Ether
Concen: 27.189 ug/L
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004527.D
Acq: 08 Aug 2018 11:31

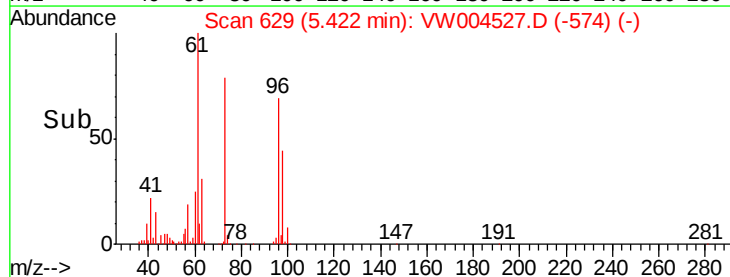
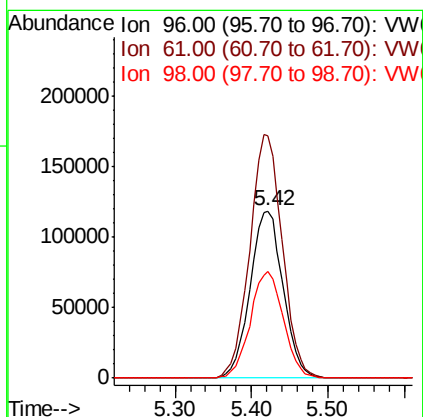
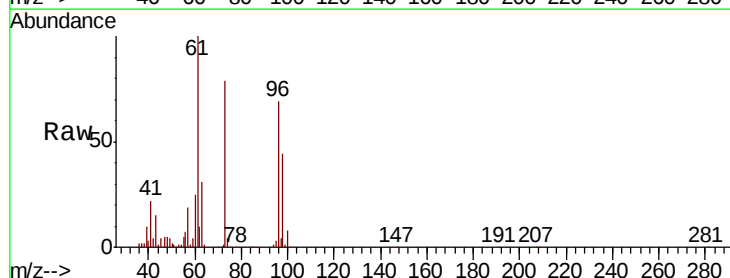
Instrument :
MSVOA_W
ClientSampleId :

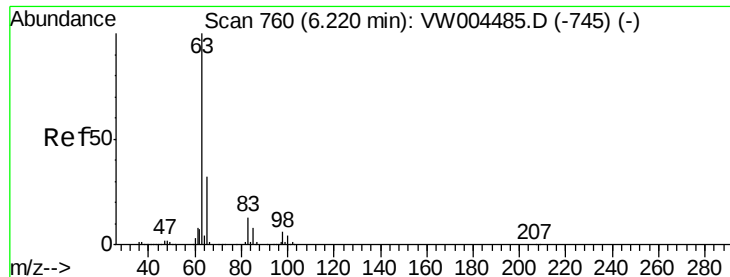
Tot Ion	Ratio	Lower	Upper
73	100		
43	19.2	16.2	24.2
57	23.6	18.9	28.3



#18
trans-1,2-Dichloroethene
Concen: 25.043 ug/L
RT: 5.42 min Scan# 629
Delta R.T. 0.01 min
Lab File: VW004527.D
Acq: 08 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.9	97.9	181.7
98	63.6	43.0	79.8

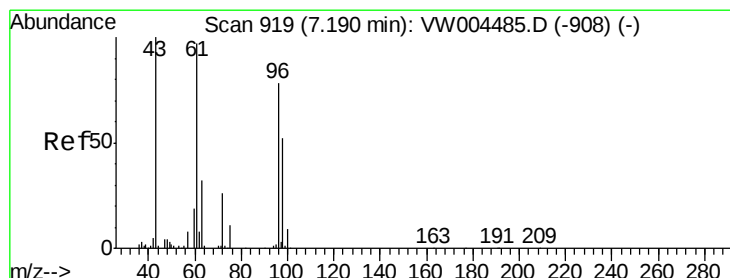
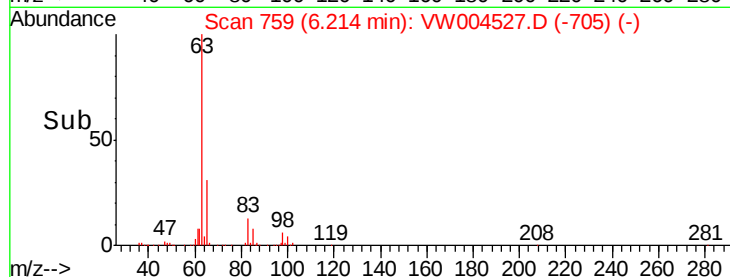
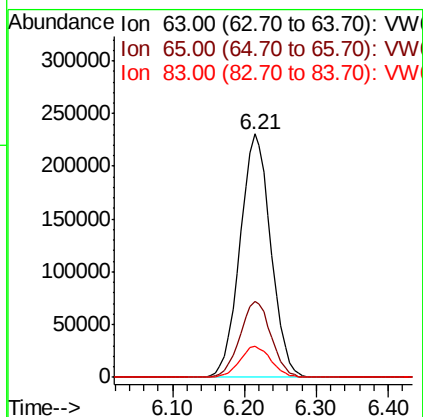
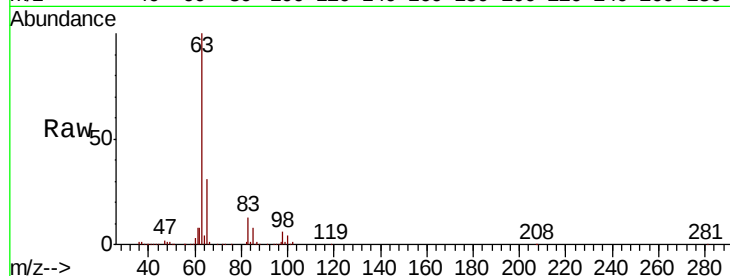




#19
 1,1-Dichloroethane
 Concen: 25.303 ug/L
 RT: 6.21 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VW004527.D
 Acq: 08 Aug 2018 11:31

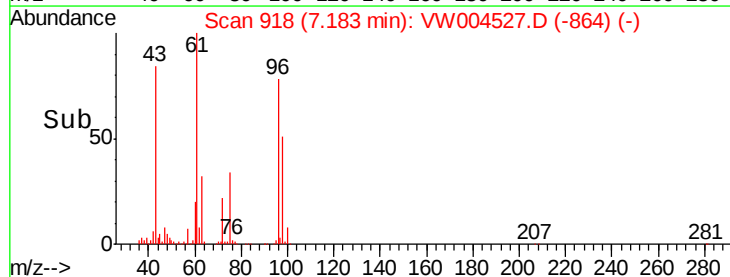
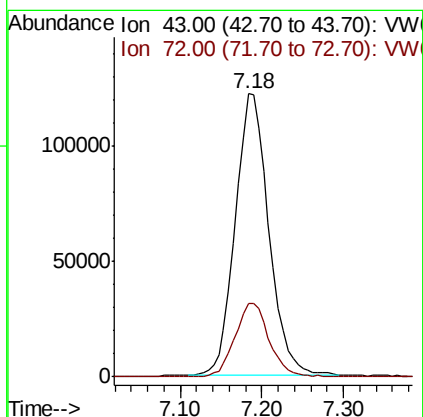
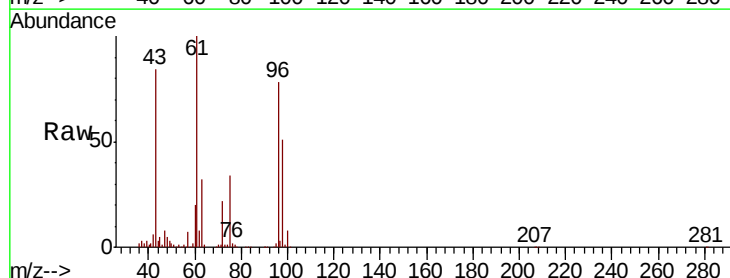
Instrument :
 MSVOA_W
 ClientSampled :

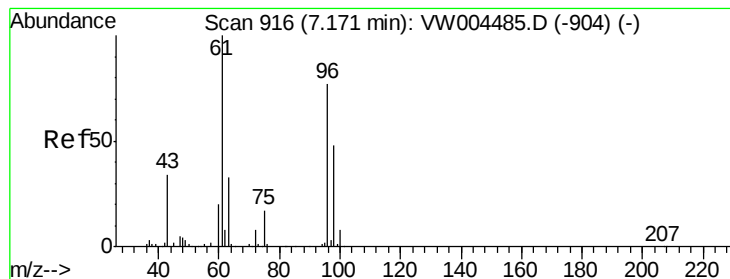
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.5	41.7
83	12.9	9.3	17.3



#21
 2-Butanone
 Concen: 53.335 ug/L
 RT: 7.18 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: VW004527.D
 Acq: 08 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
43	100		
72	26.7	13.2	39.6



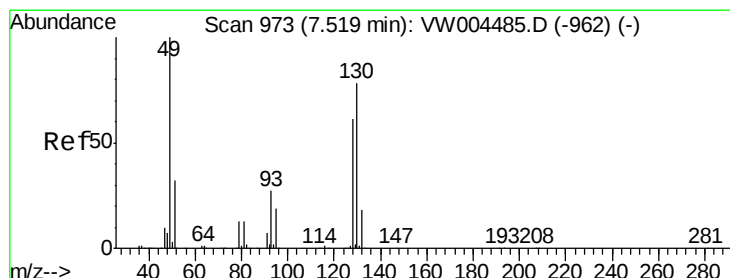
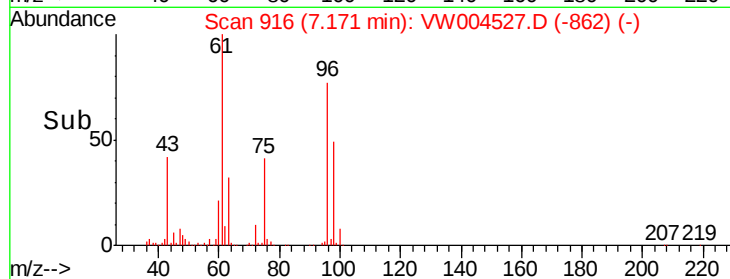
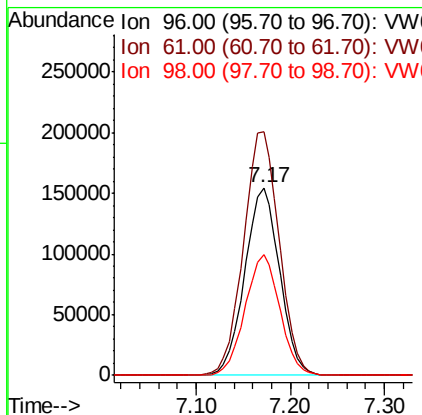
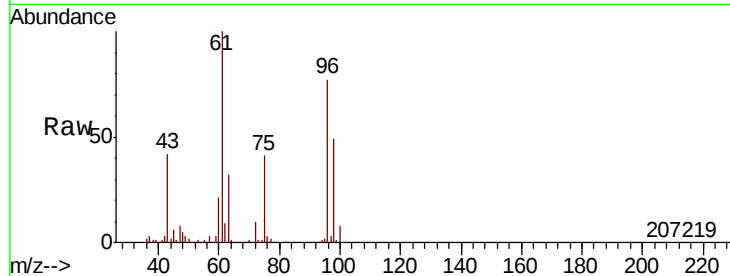


#22

cis-1,2-Dichloroethene
 Concen: 25.843 ug/L
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW004527.D
 Acq: 08 Aug 2018 11:31

Instrument :
 MSVOA_W
 ClientSampled :

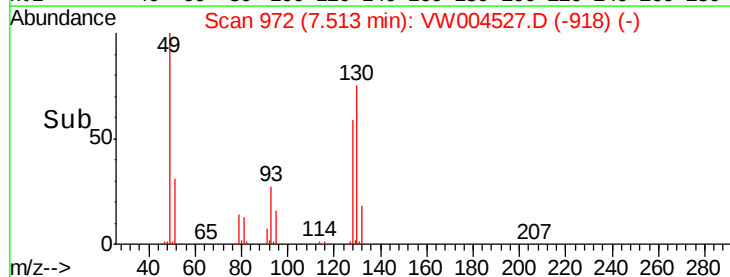
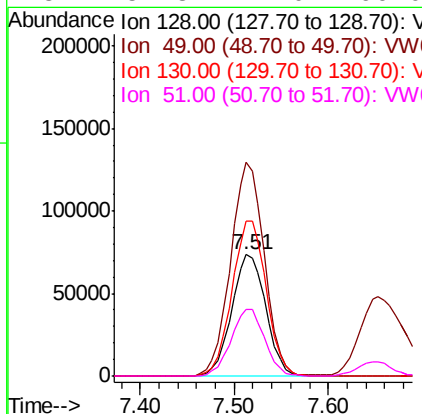
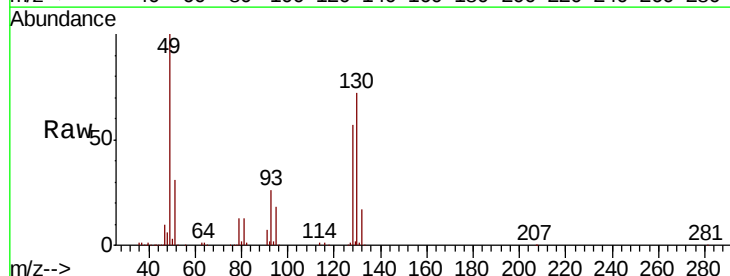
Tot Ion	96	Resp	401947
Ion	Ratio	Lower	Upper
96	100		
61	130.0	92.5	171.7
98	64.3	44.1	81.9

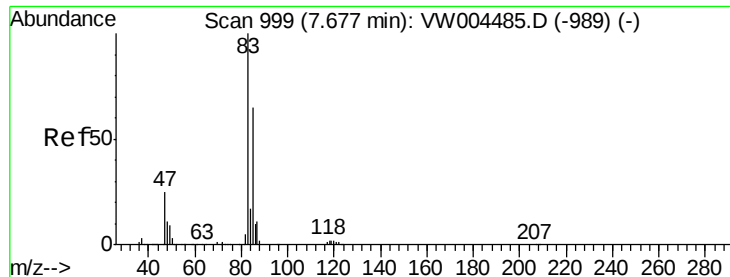


#23

Bromochloromethane
 Concen: 24.942 ug/L
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004527.D
 Acq: 08 Aug 2018 11:31

Tgt Ion	128	Resp	185677
Ion	Ratio	Lower	Upper
128	100		
49	175.8	122.0	226.6
130	127.3	88.8	164.8
51	54.8	44.0	66.0





#25

Chloroform

Concen: 24.876 ug/L

RT: 7.68 min Scan# 999

Delta R.T. -0.00 min

Lab File: VW004527.D

Acq: 08 Aug 2018 11:31

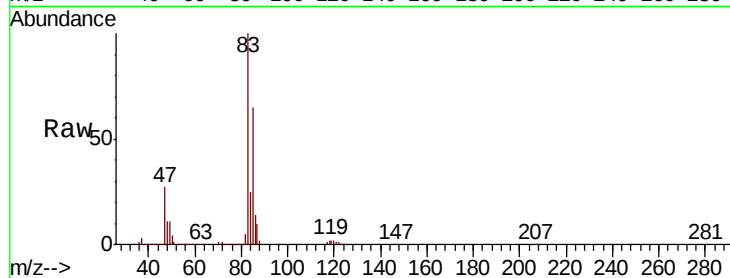
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 686616

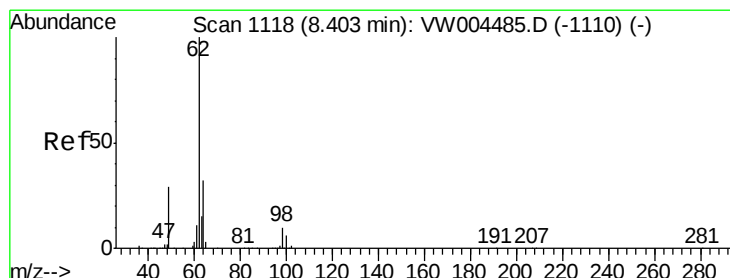
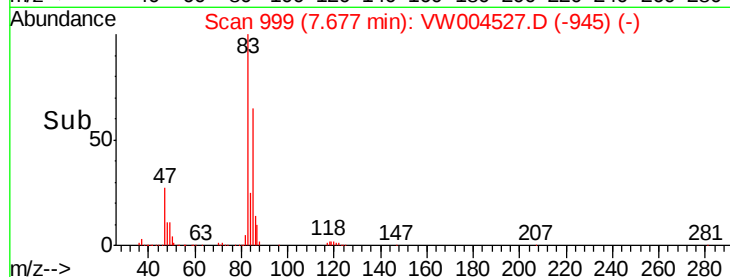
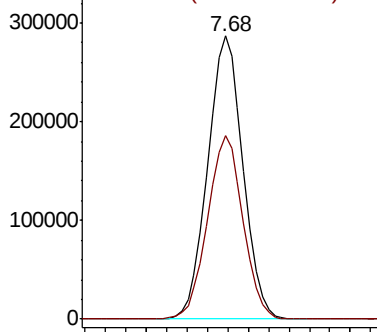
Ion Ratio Lower Upper

83 100

85 65.3 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 85.00 (84.70 to 85.70): VW



#27

1,2-Dichloroethane

Concen: 24.374 ug/L

RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW004527.D

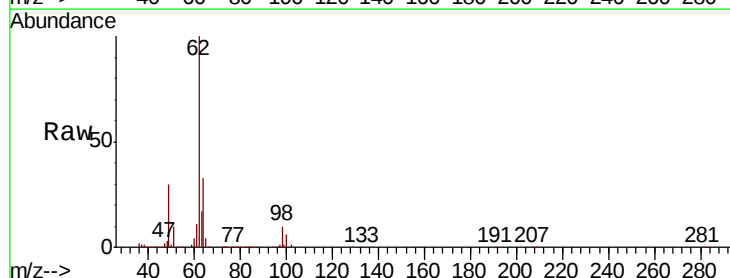
Acq: 08 Aug 2018 11:31

Tgt Ion: 62 Resp: 451950

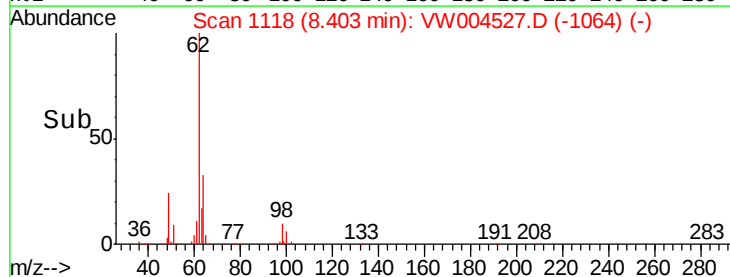
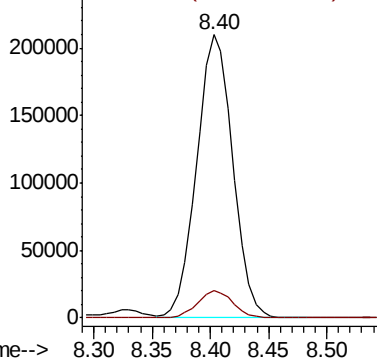
Ion Ratio Lower Upper

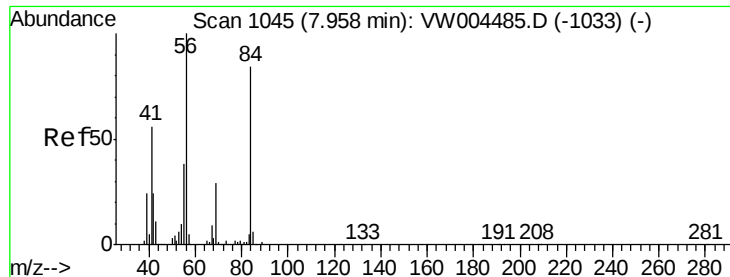
62 100

98 9.9 7.6 11.4



Abundance Ion 62.00 (61.70 to 62.70): VW
Ion 98.00 (97.70 to 98.70): VW

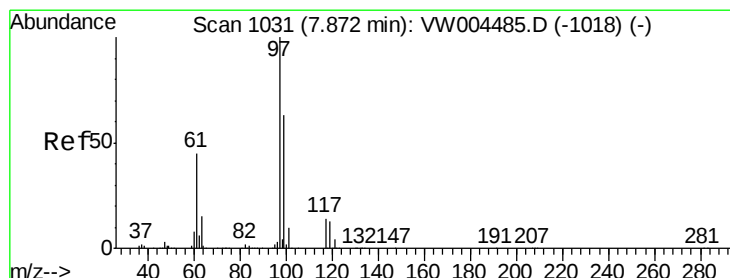
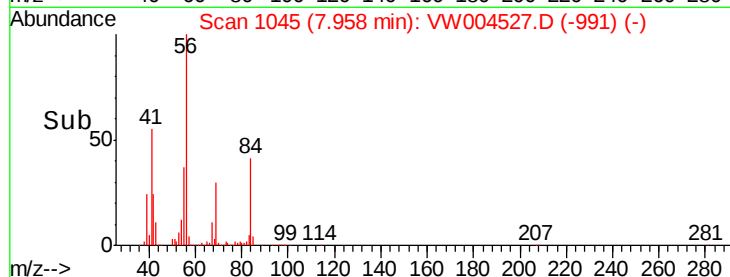
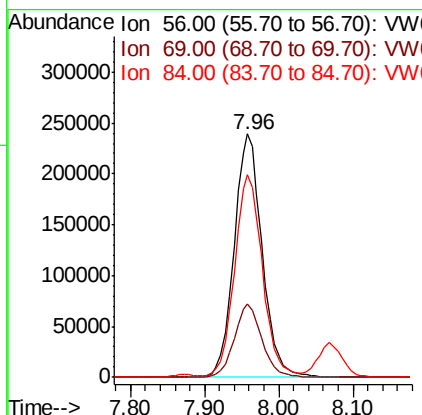
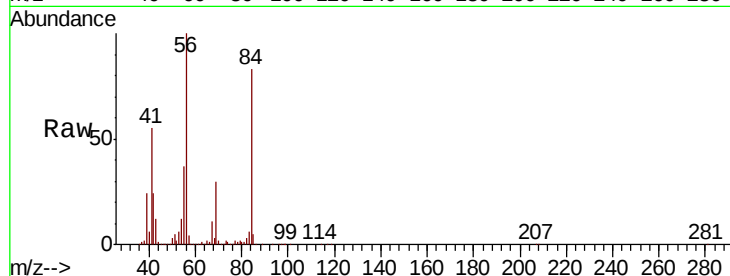




#30
Cyclohexane
Concen: 26.956 ug/L
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004527.D
Acq: 08 Aug 2018 11:31

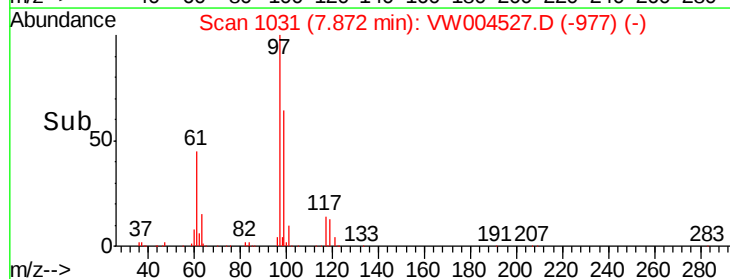
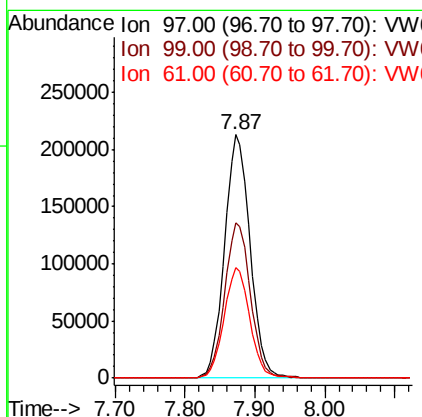
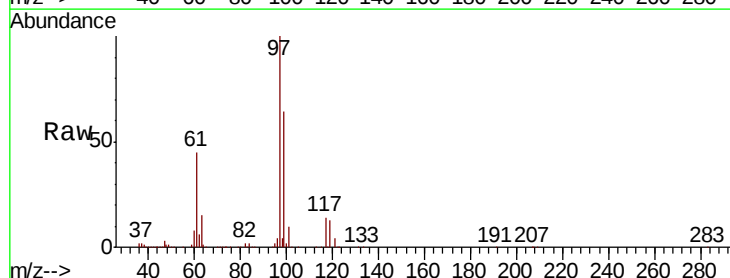
Instrument :
MSVOA_W
ClientSampleId :

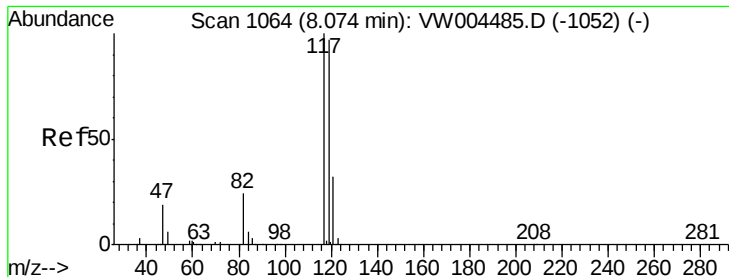
Tot Ion: 56 Resp: 629627
Ion Ratio Lower Upper
56 100
69 29.7 24.0 36.0
84 83.0 66.7 100.1



#31
1,1,1-Trichloroethane
Concen: 25.745 ug/L
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004527.D
Acq: 08 Aug 2018 11:31

Tgt Ion: 97 Resp: 540233
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.6
61 45.8 37.3 55.9





#32

Carbon tetrachloride

Concen: 25.097 ug/L

RT: 8.07 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VW004527.D

Acq: 08 Aug 2018 11:31

Instrument :

MSVOA_W

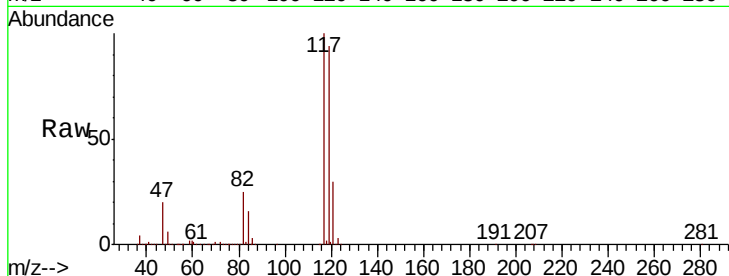
ClientSampleId :

Tot Ion:117 Resp: 507526

Ion Ratio Lower Upper

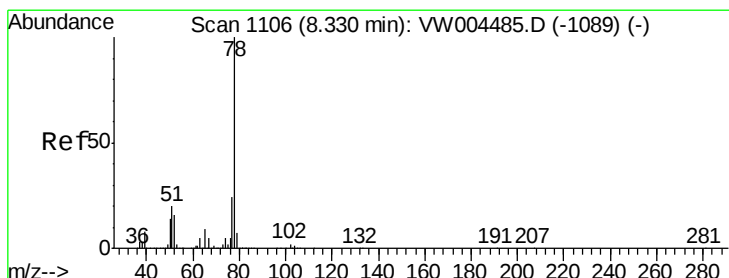
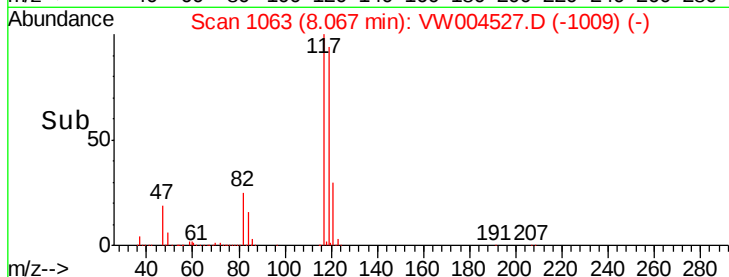
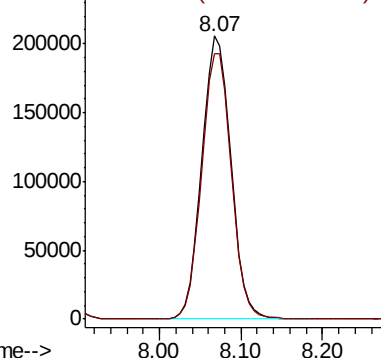
117 100

119 95.6 76.5 114.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 25.094 ug/L

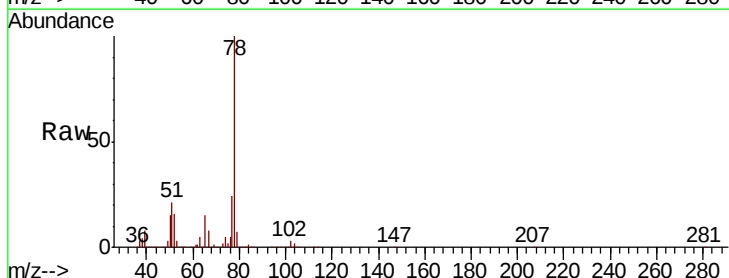
RT: 8.32 min Scan# 1105

Delta R.T. -0.00 min

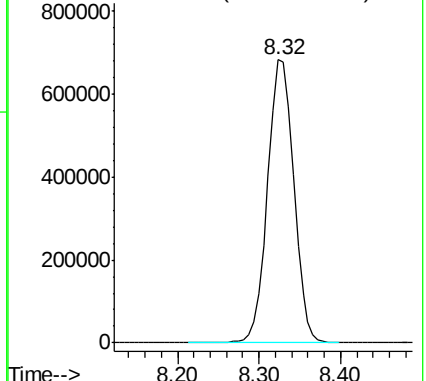
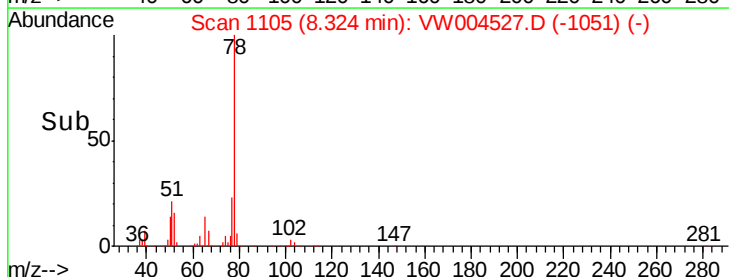
Lab File: VW004527.D

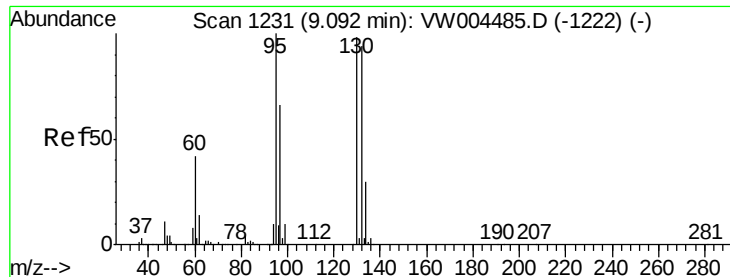
Acq: 08 Aug 2018 11:31

Tgt Ion: 78 Resp: 1528044



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 24.204 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW004527.D

Acq: 08 Aug 2018 11:31

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 370726

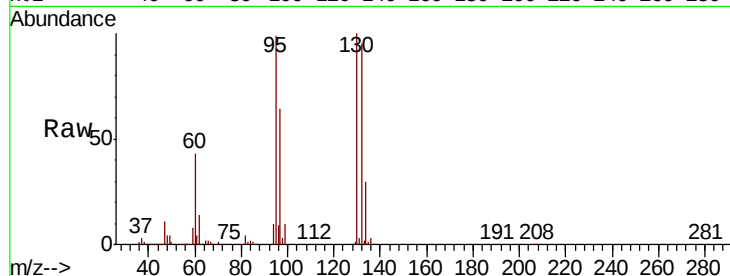
Ion Ratio Lower Upper

95 100

97 64.6 44.9 83.5

132 96.3 67.6 125.6

130 100.5 69.1 128.3

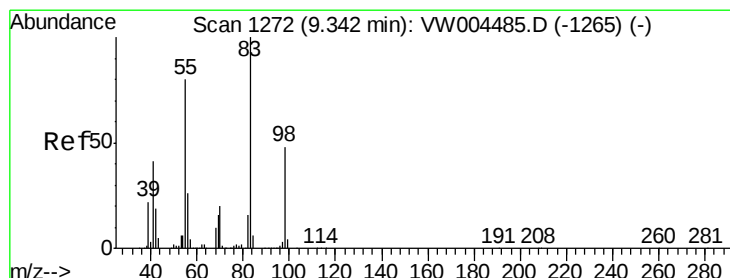
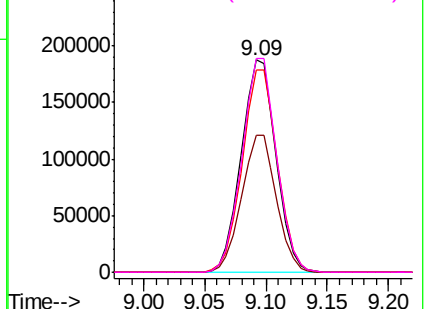
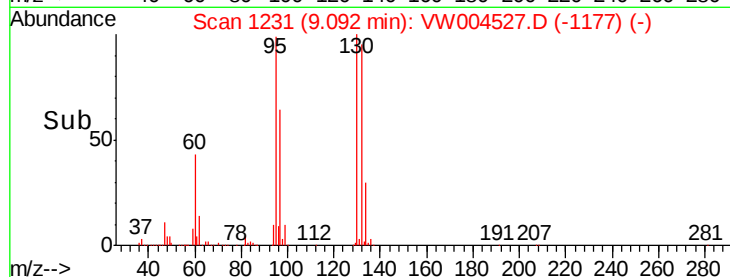


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 26.121 ug/L

RT: 9.34 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VW004527.D

Acq: 08 Aug 2018 11:31

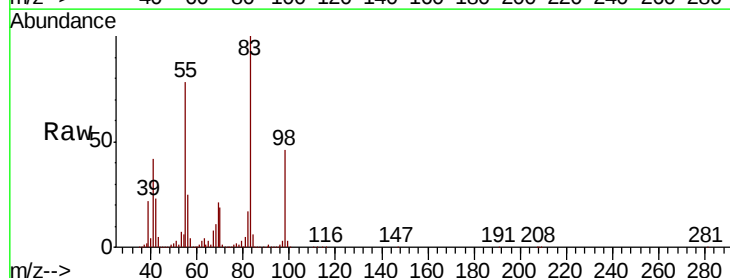
Tgt Ion: 83 Resp: 702320

Ion Ratio Lower Upper

83 100

55 78.9 62.8 94.2

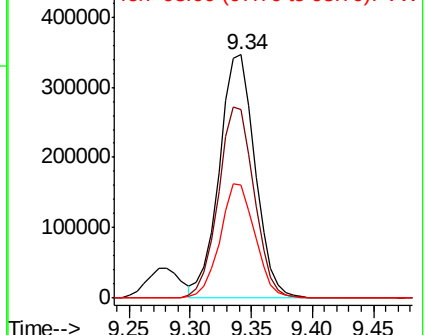
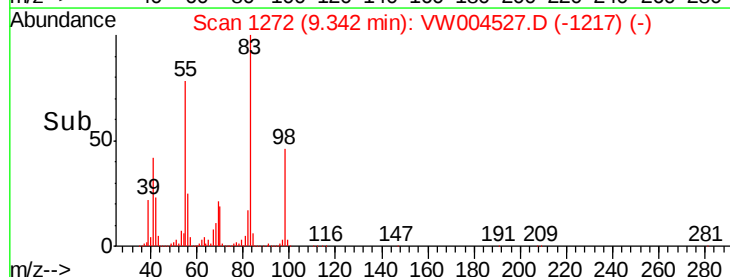
98 46.1 36.6 54.8

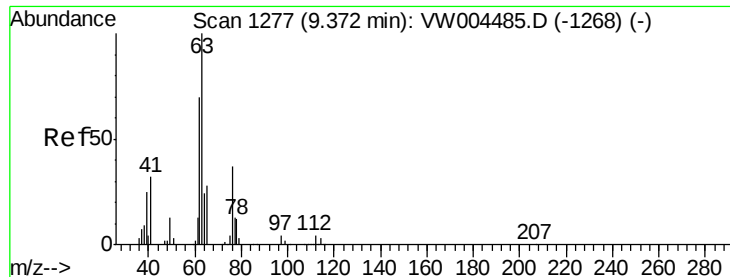


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

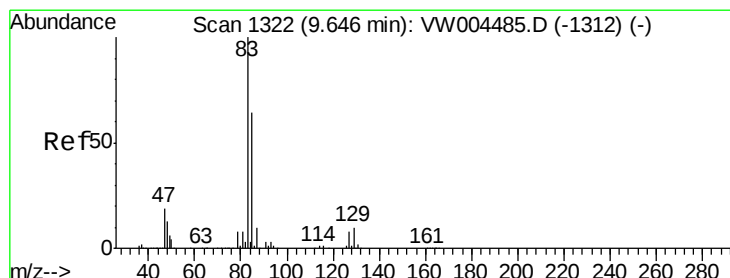
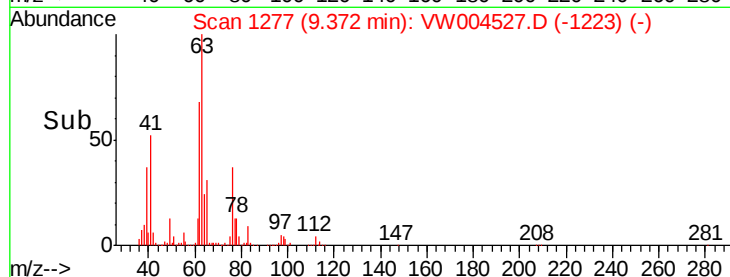
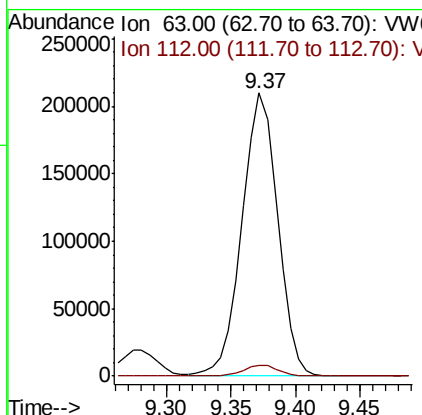
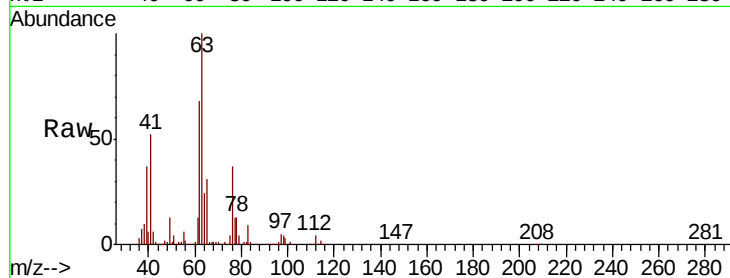




#40
 1,2-Dichloropropane
 Concen: 25.014 ug/L
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004527.D
 Acq: 08 Aug 2018 11:31

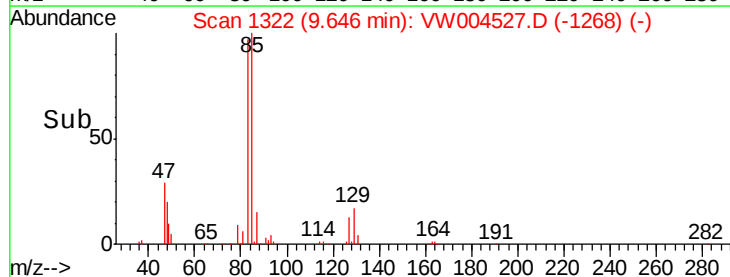
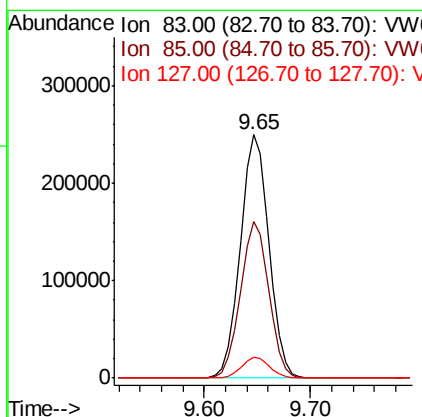
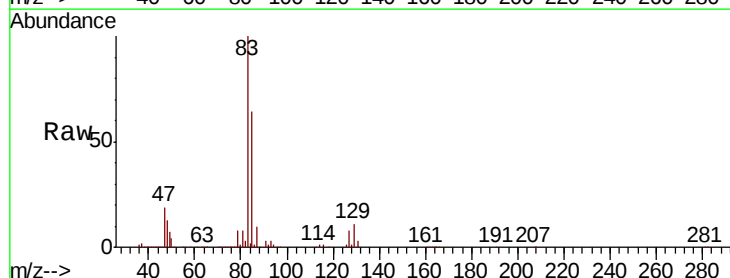
Instrument :
 MSVOA_W
 ClientSampleId :

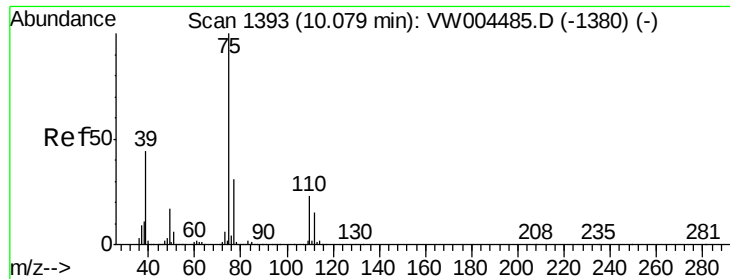
Tot Ion: 63 Resp: 403407
 Ion Ratio Lower Upper
 63 100
 112 3.7 3.0 4.6



#41
 Bromodichloromethane
 Concen: 24.313 ug/L
 RT: 9.65 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VW004527.D
 Acq: 08 Aug 2018 11:31

Tgt Ion: 83 Resp: 471005
 Ion Ratio Lower Upper
 83 100
 85 64.1 43.7 81.1
 127 8.3 6.6 10.0





#42

cis-1,3-Dichloropropene

Concen: 25.854 ug/L

RT: 10.08 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW004527.D

Acq: 08 Aug 2018 11:31

Instrument :

MSVOA_W

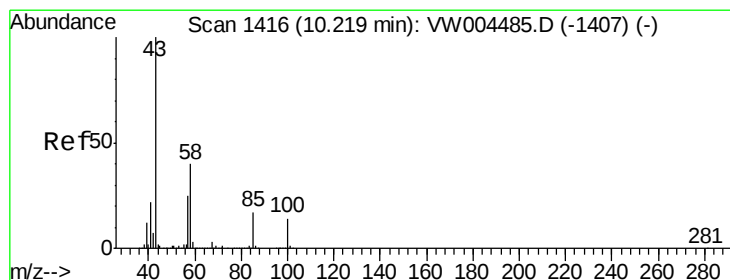
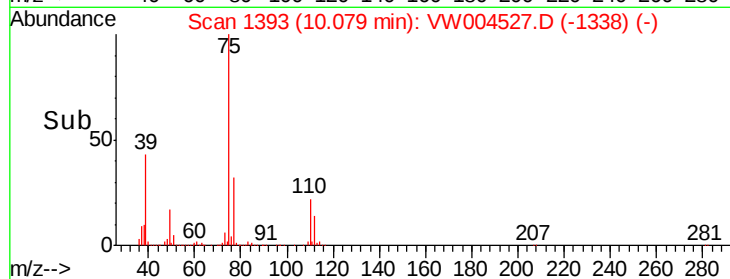
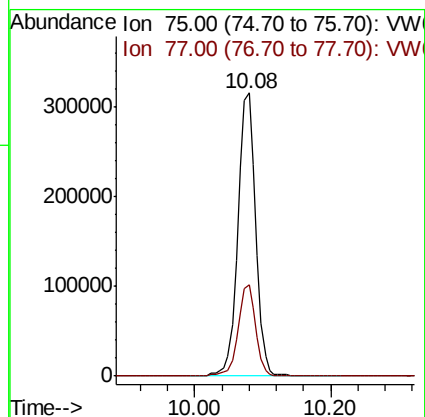
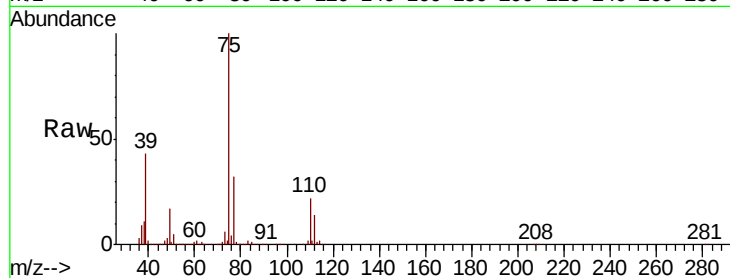
ClientSampleId :

Tot Ion: 75 Resp: 570388

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.7



#43

4-Methyl-2-pentanone

Concen: 52.950 ug/L

RT: 10.22 min Scan# 1416

Delta R.T. 0.01 min

Lab File: VW004527.D

Acq: 08 Aug 2018 11:31

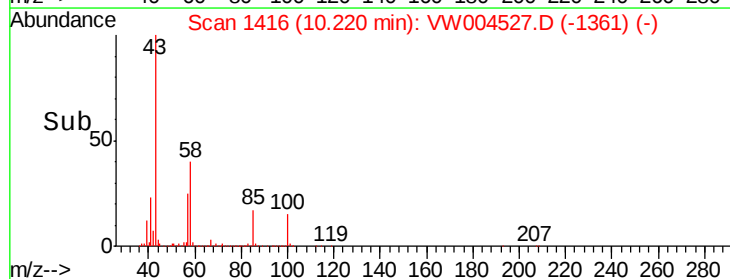
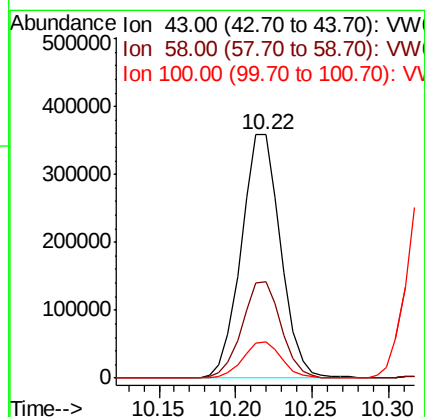
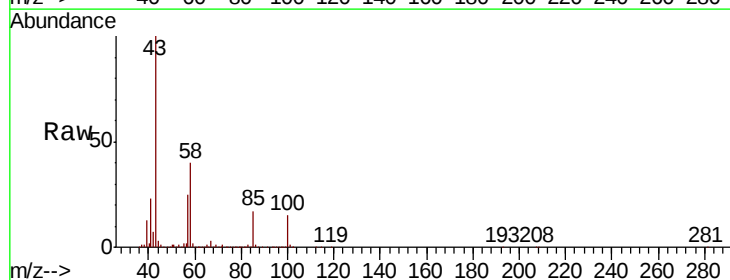
Tgt Ion: 43 Resp: 640286

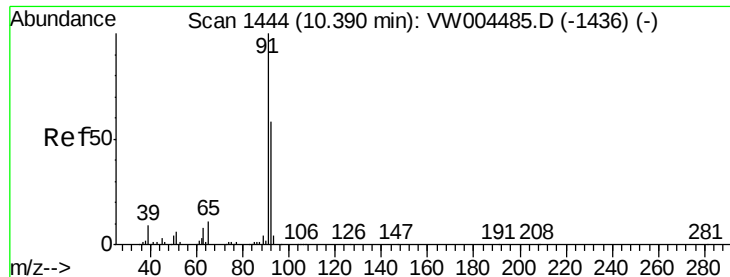
Ion Ratio Lower Upper

43 100

58 39.4 31.5 47.3

100 14.7 11.7 17.5





#44

Toluene

Concen: 26.116 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004527.D

Acq: 08 Aug 2018 11:31

Instrument :

MSVOA_W

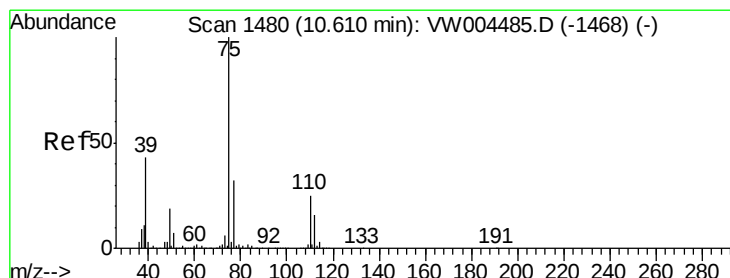
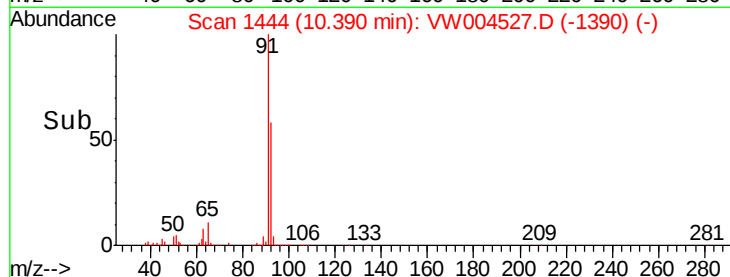
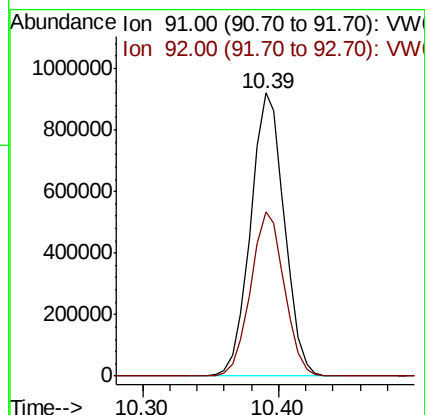
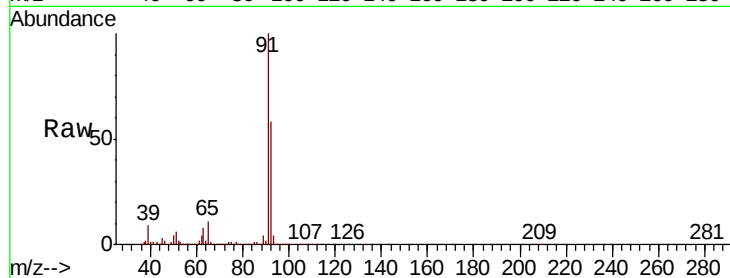
ClientSampled :

Tot Ion: 91 Resp: 1600345

Ion Ratio Lower Upper

91 100

92 58.2 40.8 75.8



#45

trans-1,3-Dichloropropene

Concen: 25.924 ug/L

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004527.D

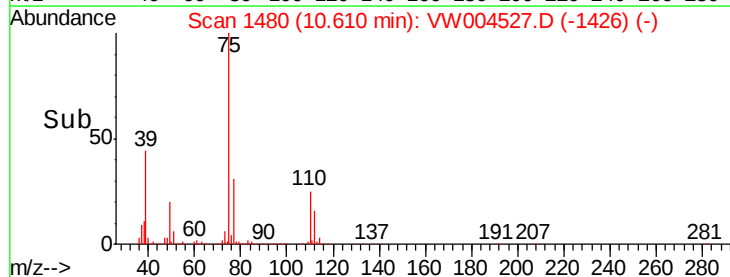
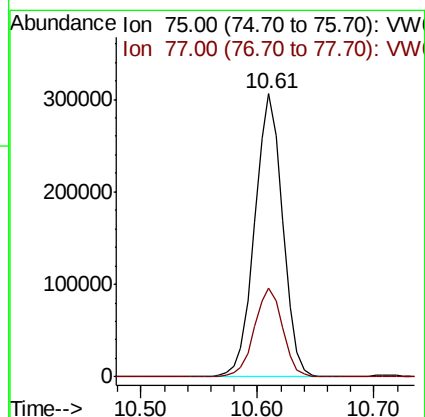
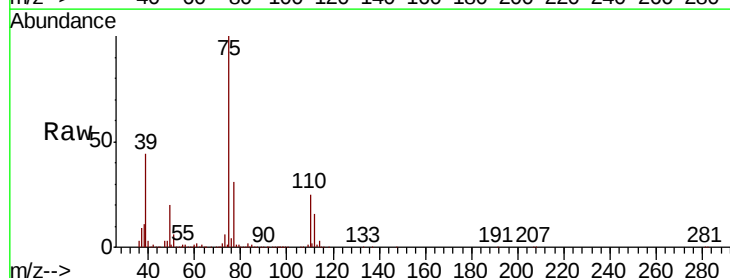
Acq: 08 Aug 2018 11:31

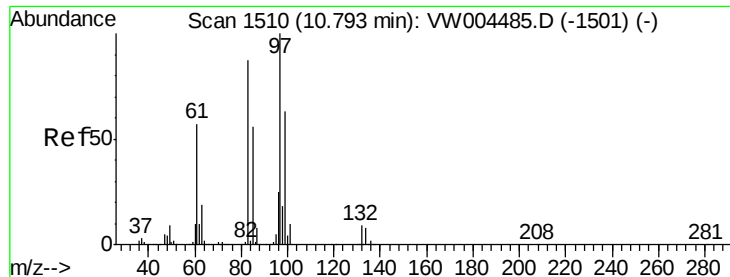
Tgt Ion: 75 Resp: 514111

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.6

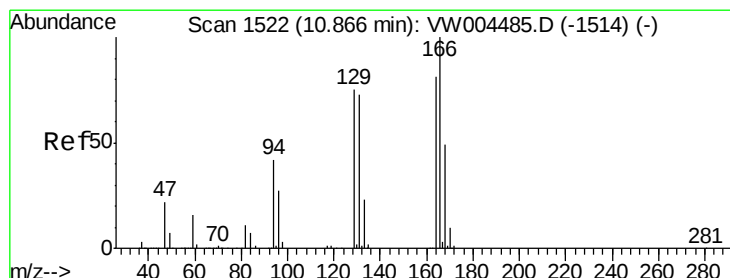
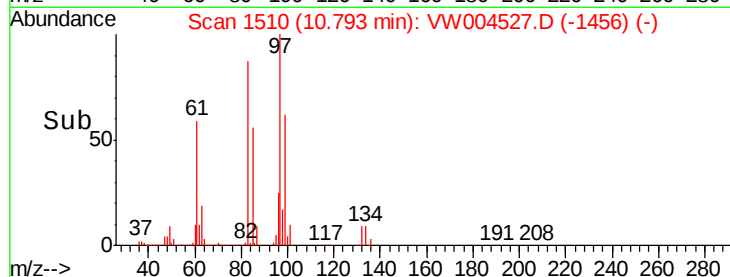
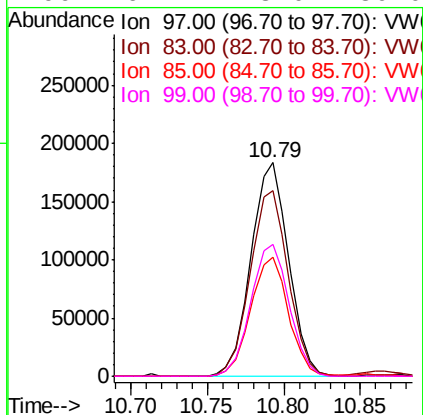
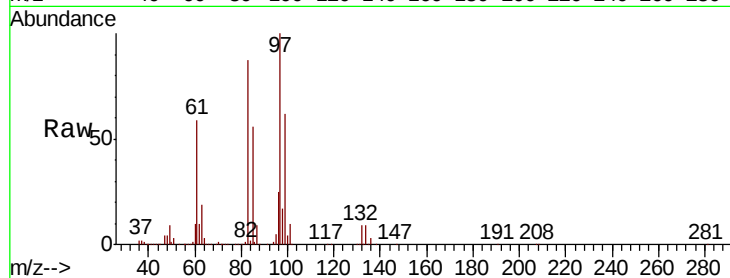




#46
 1,1,2-Trichloroethane
 Concen: 25.064 ug/L
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004527.D
 Acq: 08 Aug 2018 11:31

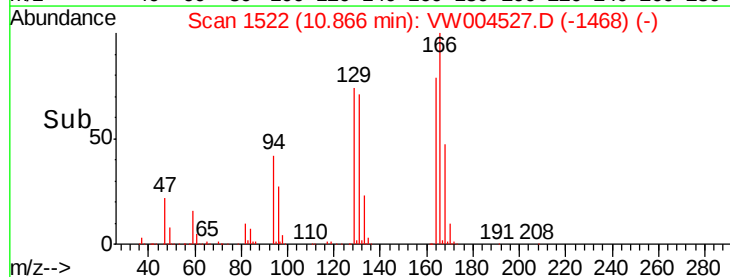
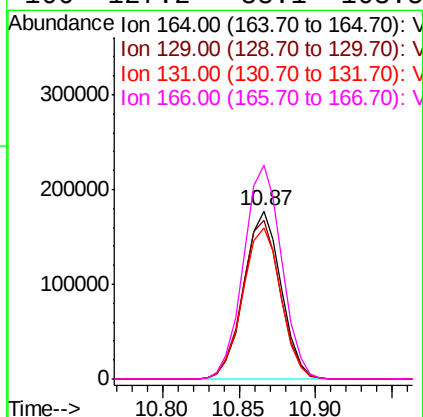
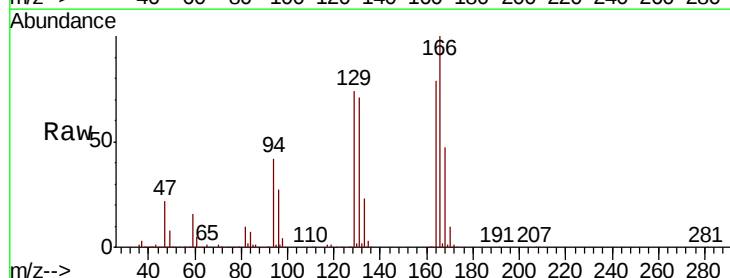
Instrument :
 MSVOA_W
 ClientSampleId :

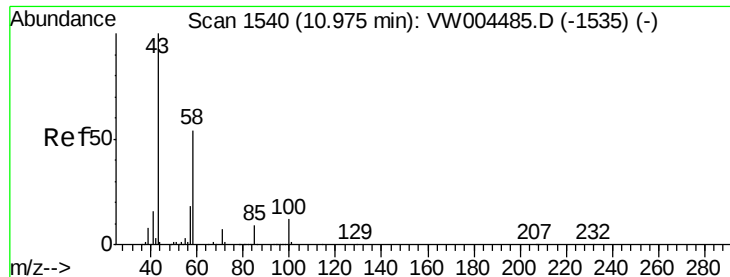
Tot Ion:	97	Resp:	314243
Ion	Ratio	Lower	Upper
97	100		
83	86.9	61.8	114.8
85	55.6	38.8	72.0
99	61.7	43.0	80.0



#47
 Tetrachloroethene
 Concen: 24.756 ug/L
 RT: 10.87 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: VW004527.D
 Acq: 08 Aug 2018 11:31

Tgt Ion:	164	Resp:	300009
Ion	Ratio	Lower	Upper
164	100		
129	94.5	65.4	121.4
131	90.3	63.8	118.6
166	127.2	88.1	163.5

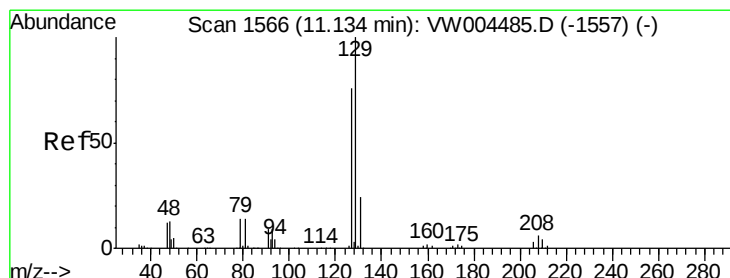
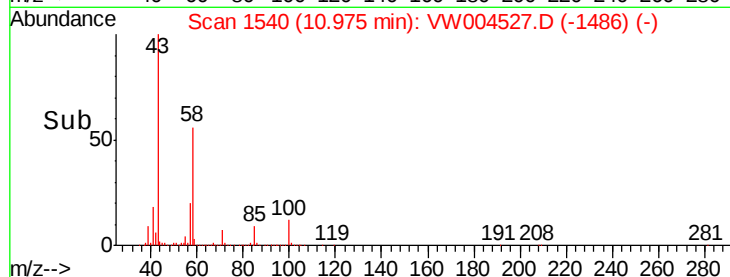
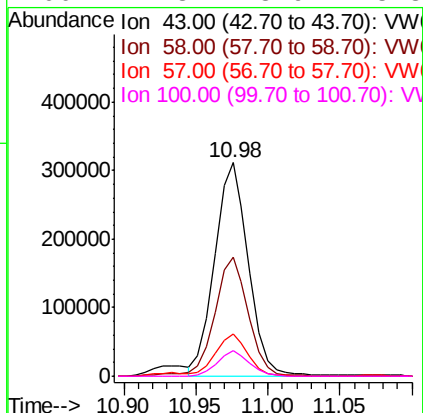
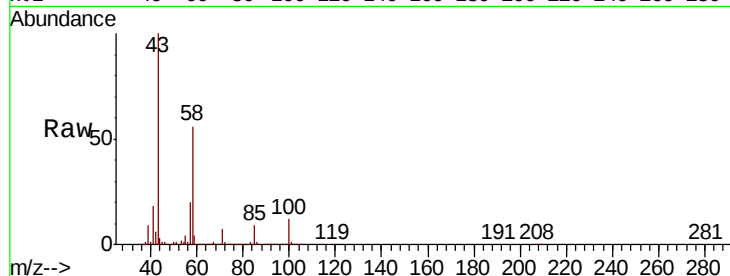




#49
2-Hexanone
Concen: 56.105 ug/L
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004527.D
Acq: 08 Aug 2018 11:31

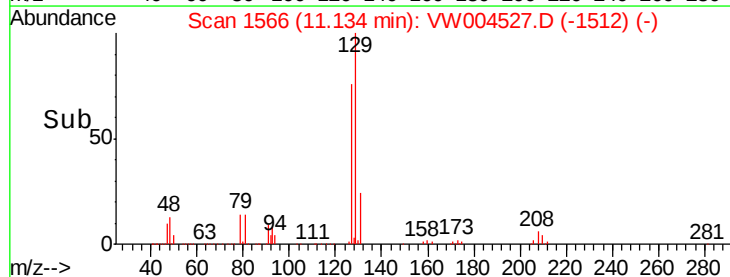
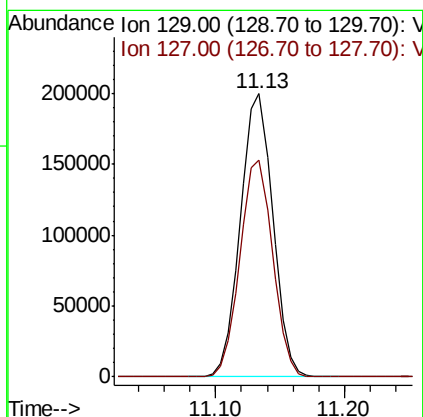
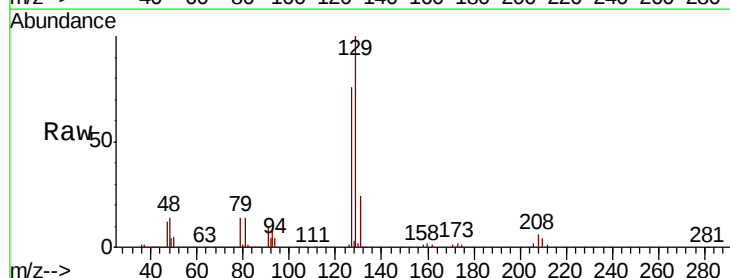
Instrument :
MSVOA_W
ClientSampled :

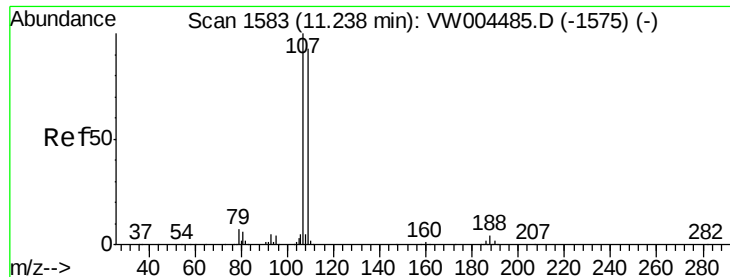
Tot Ion	Ratio	Lower	Upper
43	100		
58	54.9	43.4	65.0
57	19.0	15.0	22.6
100	11.3	8.9	13.3



#50
Dibromochloromethane
Concen: 25.034 ug/L
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004527.D
Acq: 08 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.5	54.1	100.5

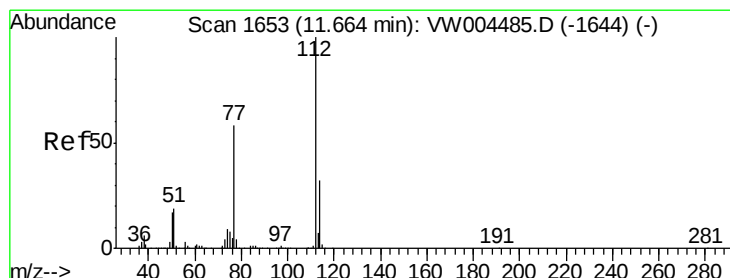
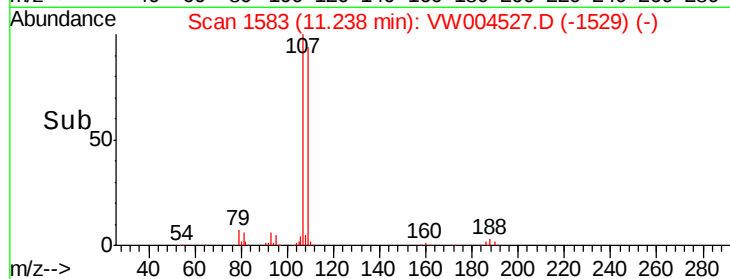
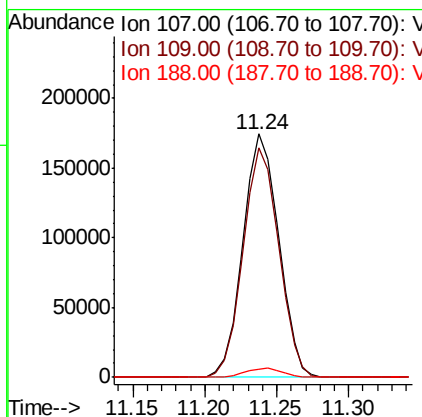
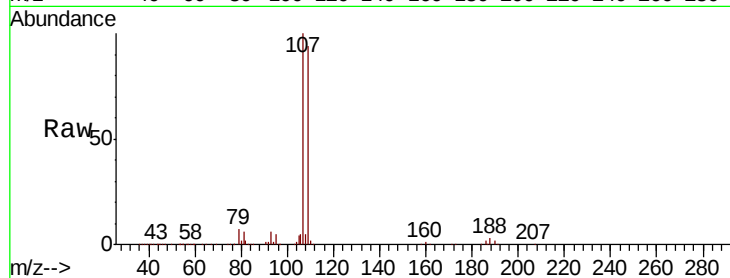




#51
 1,2-Dibromoethane
 Concen: 24.993 ug/L
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004527.D
 Acq: 08 Aug 2018 11:31

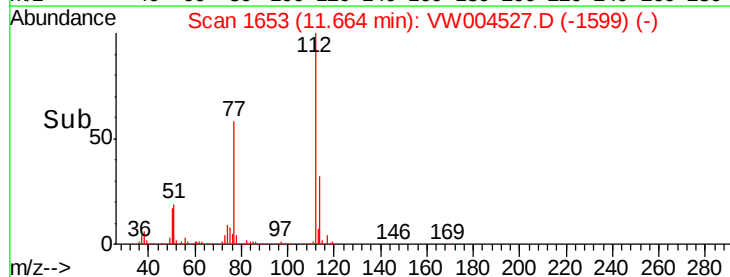
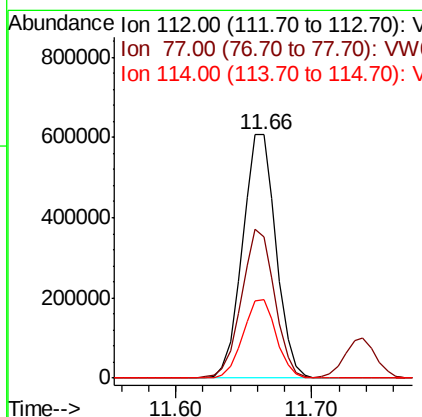
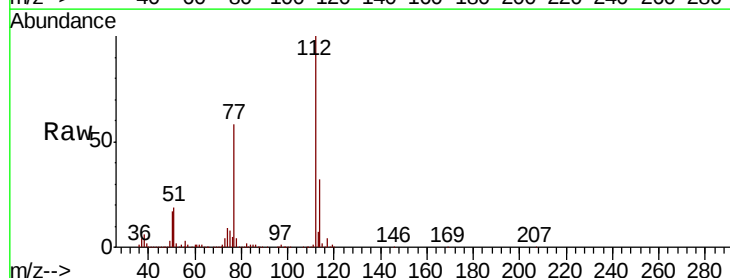
Instrument :
 MSVOA_W
 ClientSampleId :

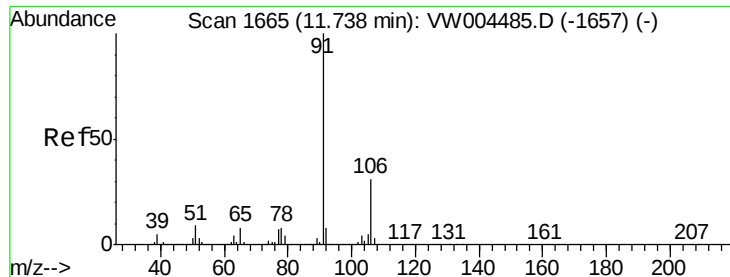
Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	66.8	124.2
188	3.3	2.6	3.8



#52
 Chlorobenzene
 Concen: 25.165 ug/L
 RT: 11.66 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: VW004527.D
 Acq: 08 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
112	100		
77	58.1	46.5	69.7
114	32.2	22.0	41.0

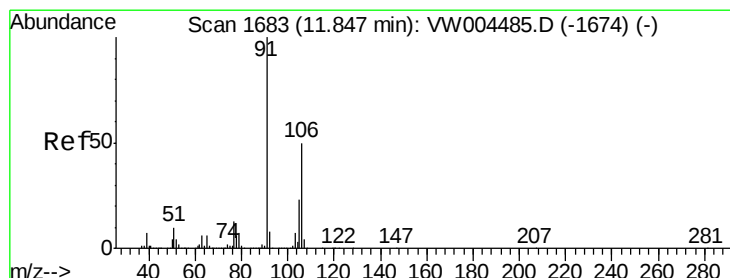
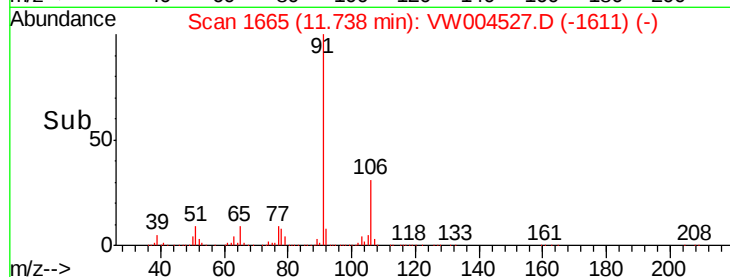
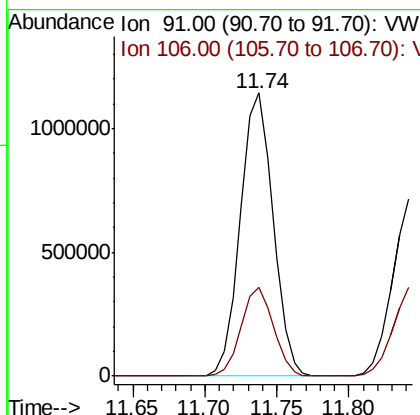
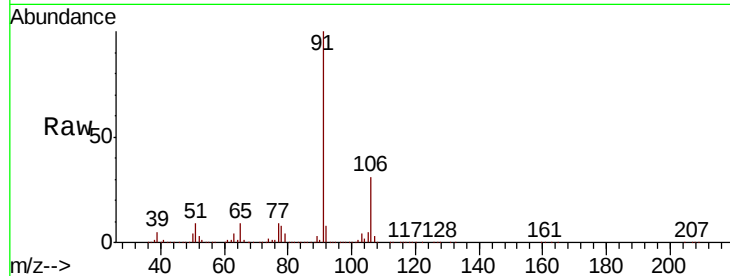




#53
Ethylbenzene
Concen: 26.278 ug/L
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004527.D
Acq: 08 Aug 2018 11:31

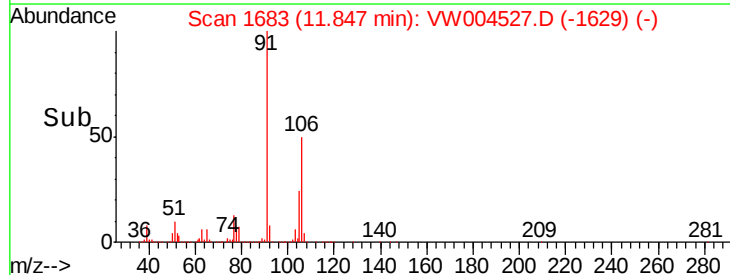
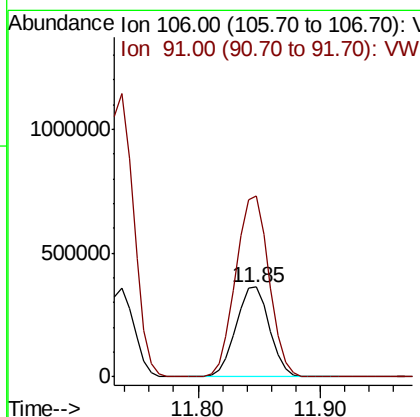
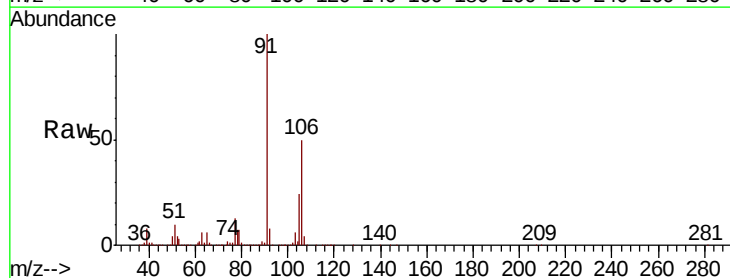
Instrument :
MSVOA_W
ClientSampled :

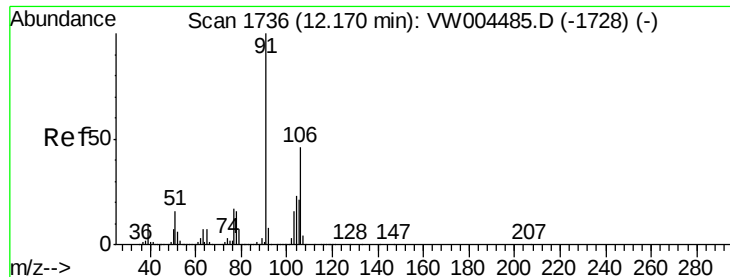
Tot Ion: 91 Resp: 1809458
Ion Ratio Lower Upper
91 100
106 31.3 21.6 40.0



#54
m,p-Xylene
Concen: 26.730 ug/L
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004527.D
Acq: 08 Aug 2018 11:31

Tgt Ion: 106 Resp: 686716
Ion Ratio Lower Upper
106 100
91 201.1 143.0 265.6





#55

o-xylene

Concen: 27.018 ug/L

RT: 12.17 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VW004527.D

Acq: 08 Aug 2018 11:31

Instrument :

MSVOA_W

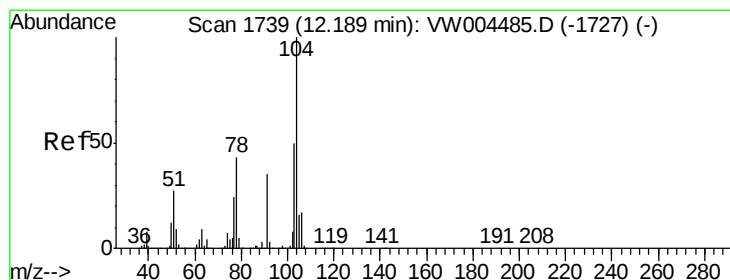
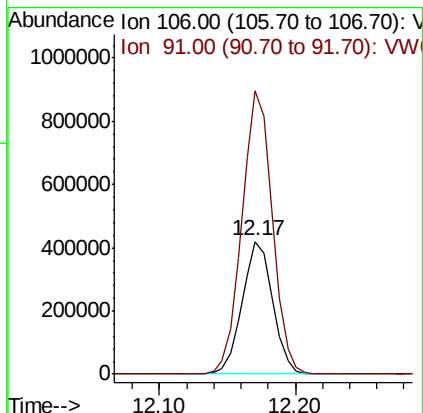
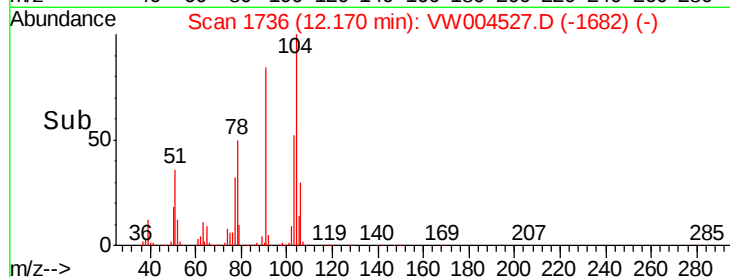
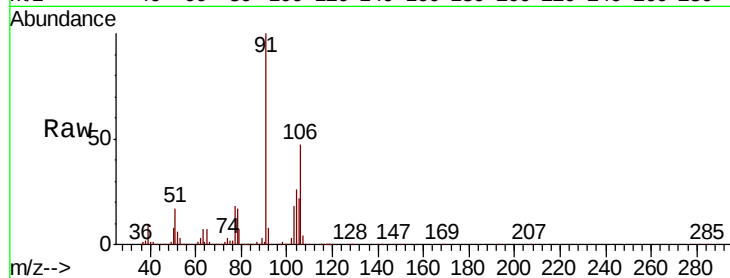
ClientSampled :

Tot Ion:106 Resp: 657685

Ion Ratio Lower Upper

106 100

91 213.4 152.0 282.4



#56

Styrene

Concen: 27.535 ug/L

RT: 12.19 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VW004527.D

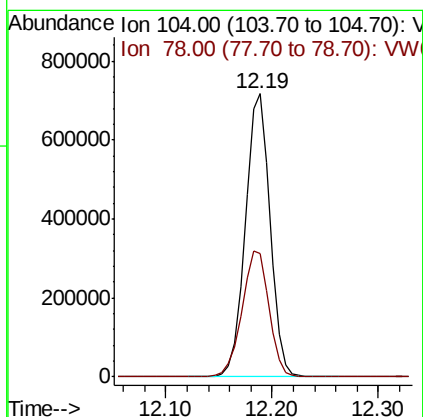
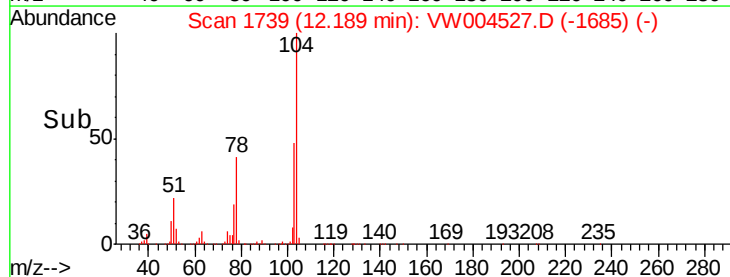
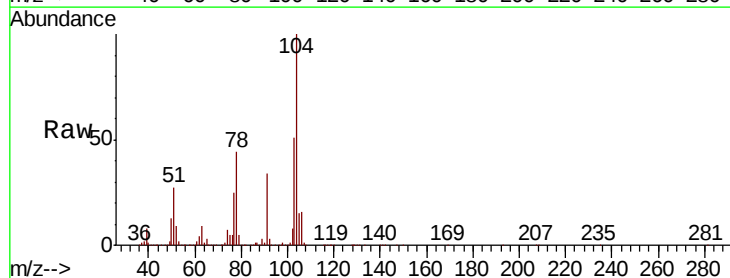
Acq: 08 Aug 2018 11:31

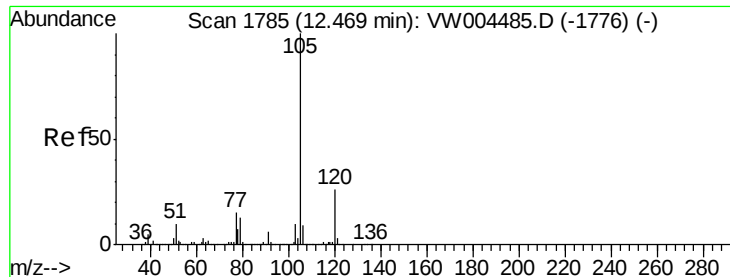
Tgt Ion:104 Resp: 1167980

Ion Ratio Lower Upper

104 100

78 43.7 30.8 57.2





#57

Isopropylbenzene

Concen: 27.414 ug/L

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004527.D

Acq: 08 Aug 2018 11:31

Instrument :

MSVOA_W

ClientSampleId :

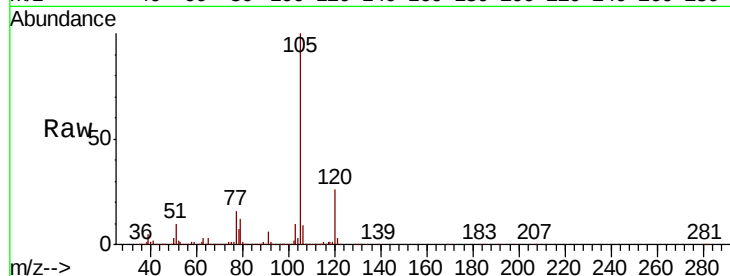
Tot Ion:105 Resp: 1806325

Ion Ratio Lower Upper

105 100

120 26.1 21.0 31.4

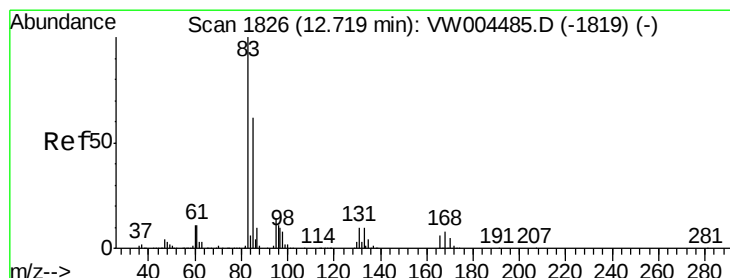
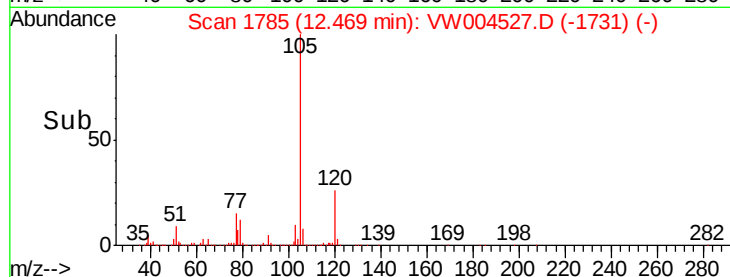
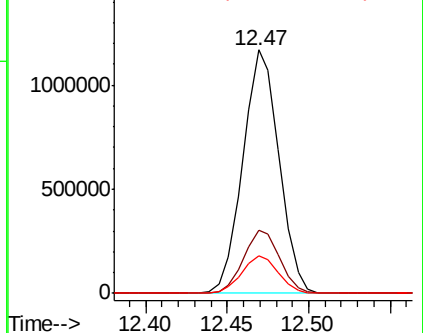
77 15.4 12.4 18.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 25.242 ug/L

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004527.D

Acq: 08 Aug 2018 11:31

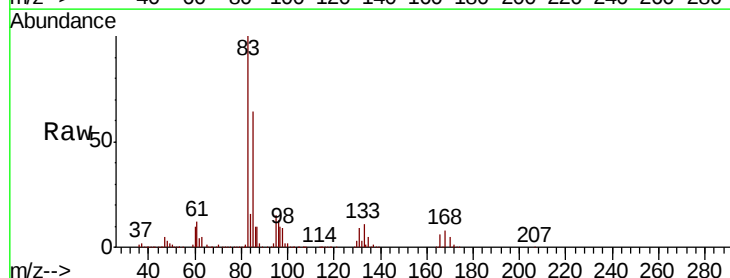
Tgt Ion: 83 Resp: 459342

Ion Ratio Lower Upper

83 100

85 64.1 46.1 85.5

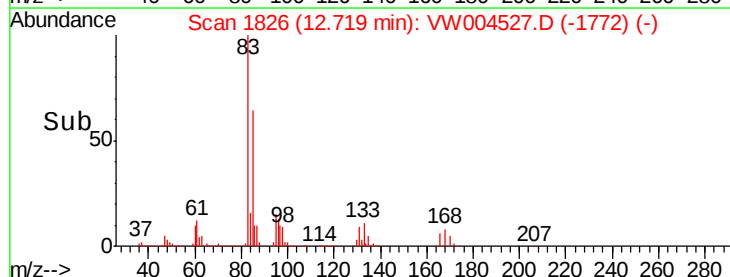
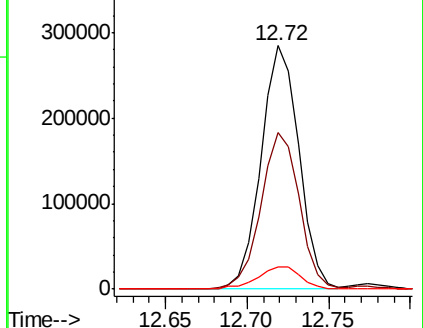
131 9.3 8.1 12.1

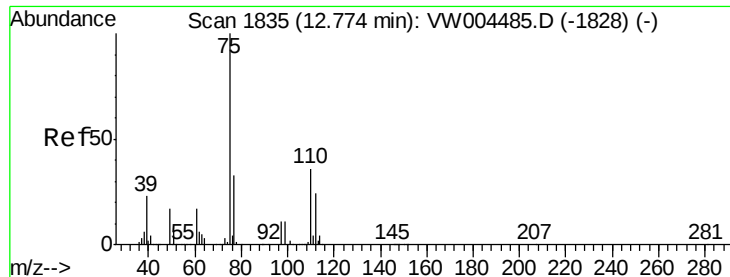


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 25.495 ug/L

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW004527.D

Acq: 08 Aug 2018 11:31

Instrument :

MSVOA_W

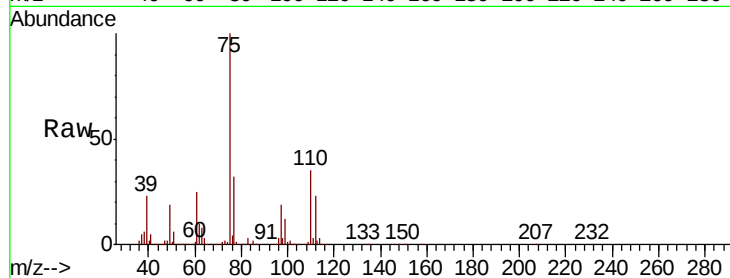
ClientSampled :

Tot Ion: 75 Resp: 346507

Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

12.77

200000

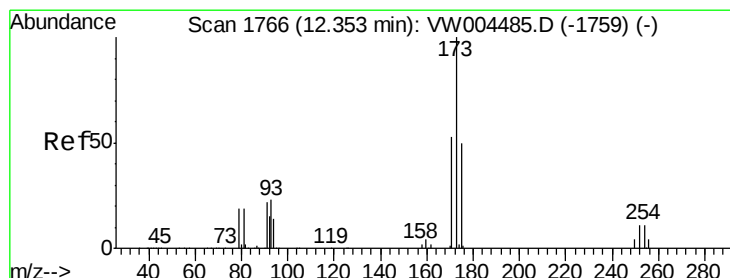
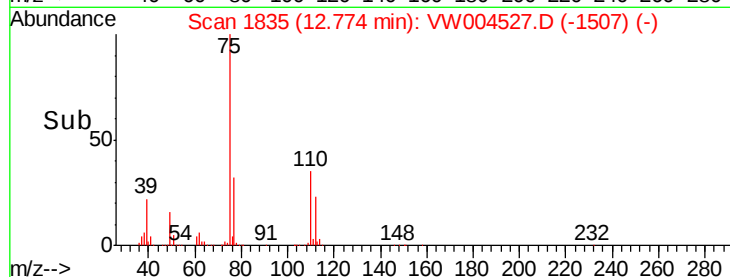
150000

100000

50000

0

Time-->



#62

Bromoform

Concen: 24.332 ug/L

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004527.D

Acq: 08 Aug 2018 11:31

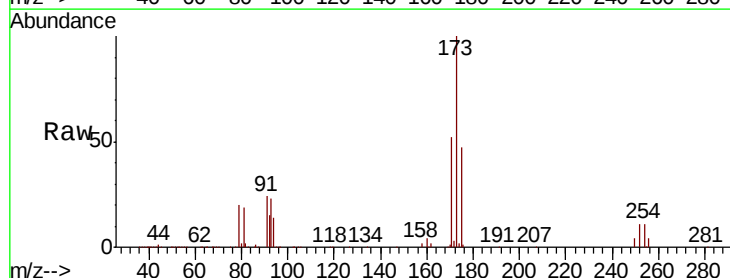
Tgt Ion: 173 Resp: 225613

Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.4

254 10.9 8.1 12.1



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

12.35

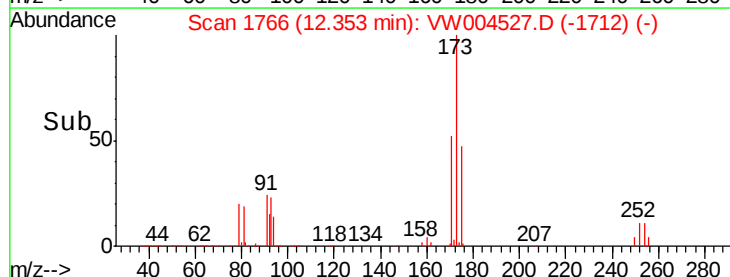
150000

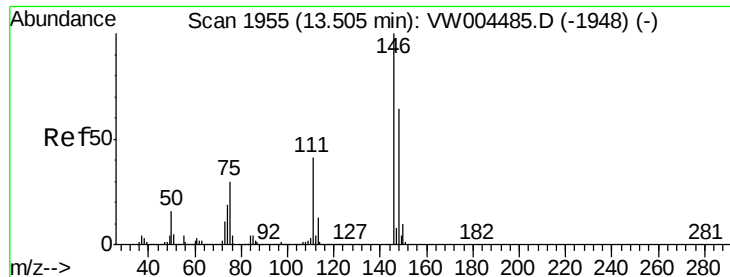
100000

50000

0

Time-->

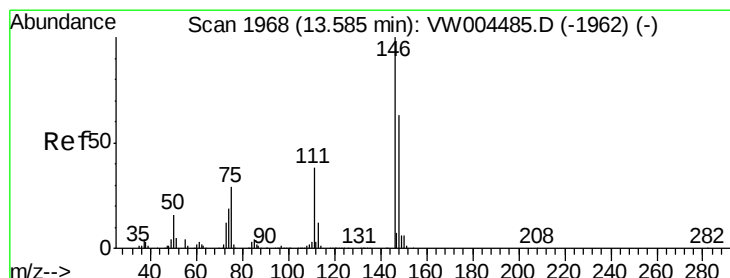
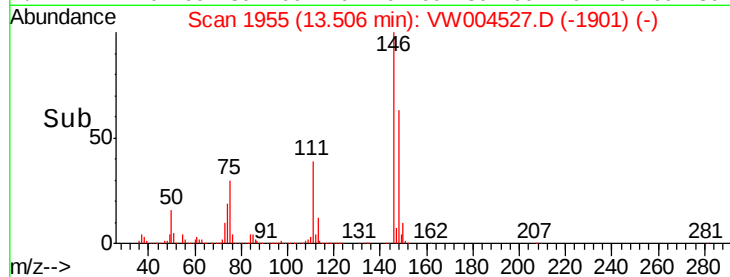
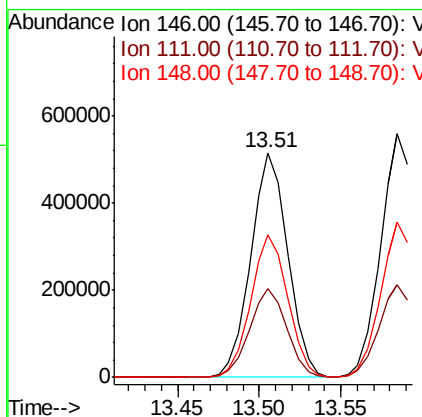
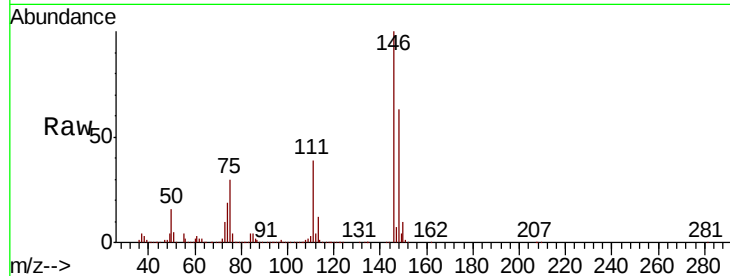




#63
 1,3-Dichlorobenzene
 Concen: 25.548 ug/L
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004527.D
 Acq: 08 Aug 2018 11:31

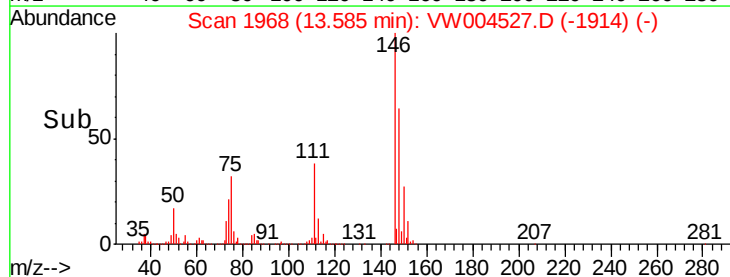
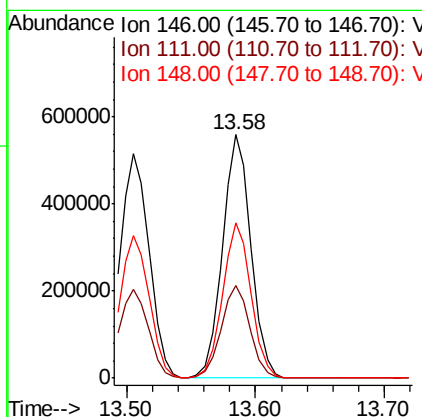
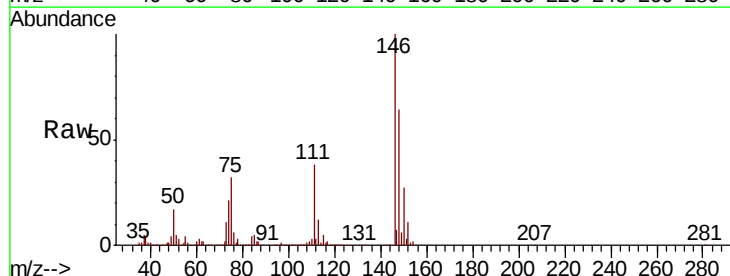
Instrument :
 MSVOA_W
 ClientSampleId :

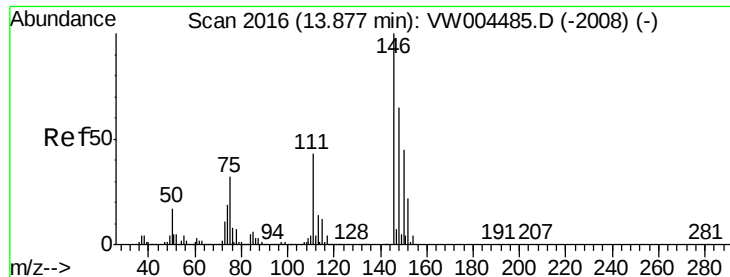
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	27.7	51.5
148	63.2	43.8	81.4



#64
 1,4-Dichlorobenzene
 Concen: 25.322 ug/L
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004527.D
 Acq: 08 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	27.7	51.5
148	63.8	45.5	84.5

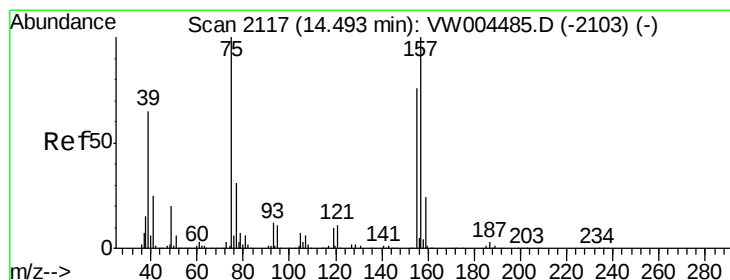
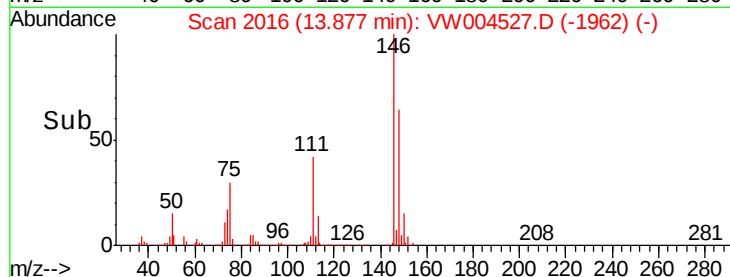
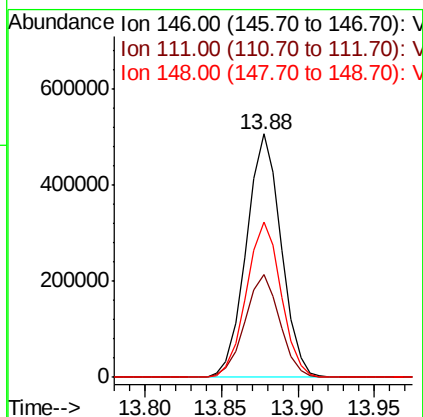
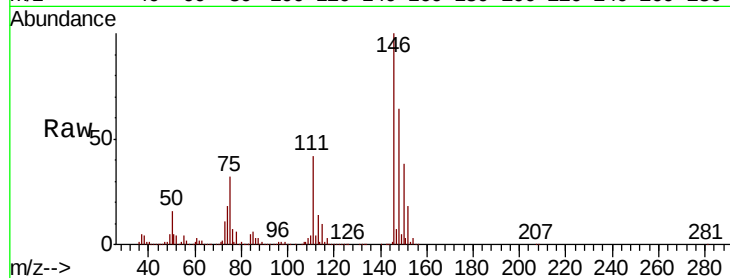




#65
 1,2-Dichlorobenzene
 Concen: 25.231 ug/L
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004527.D
 Acq: 08 Aug 2018 11:31

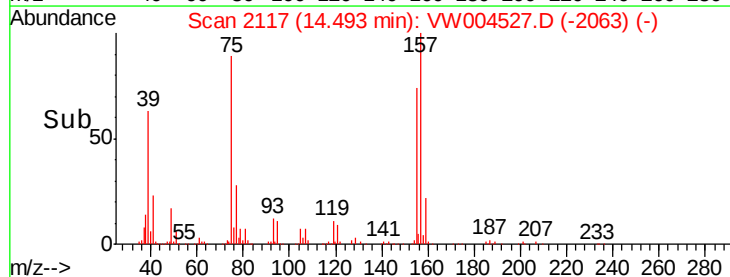
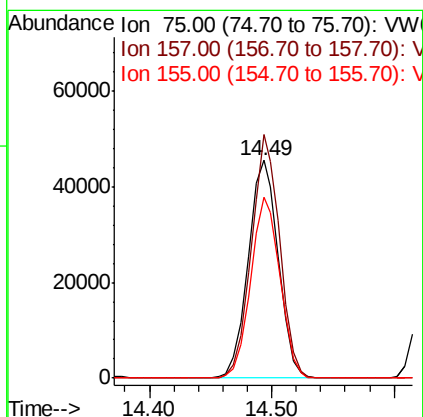
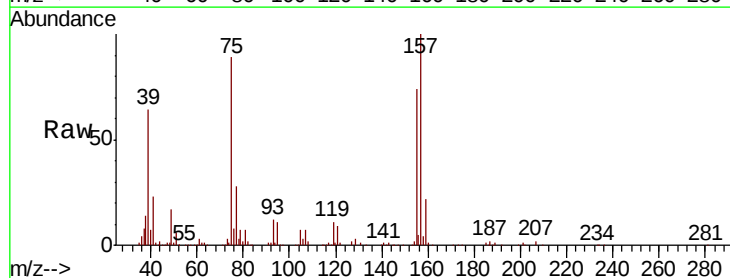
Instrument :
 MSVOA_W
 ClientSampleId :

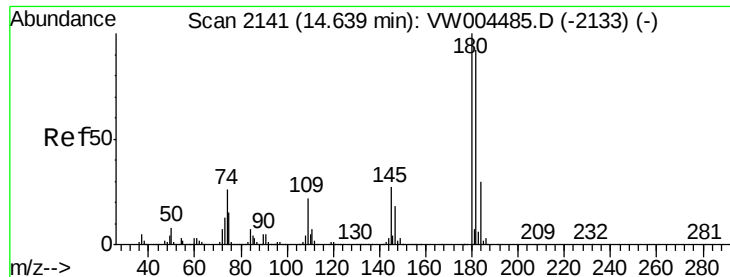
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	33.4	50.2
148	64.0	50.8	76.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 23.754 ug/L
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004527.D
 Acq: 08 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
75	100		
157	111.8	81.4	122.0
155	83.2	63.0	94.6

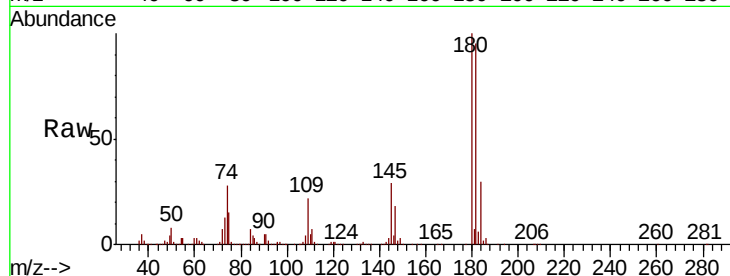




#67
 1,3,5-Trichlorobenzene
 Concen: 25.933 ug/L
 RT: 14.64 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VW004527.D
 Acq: 08 Aug 2018 11:31

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.1	112.7
184	29.9	24.0	36.0
145	28.9	23.0	34.6



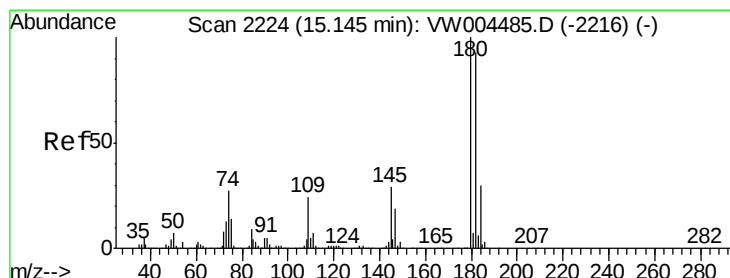
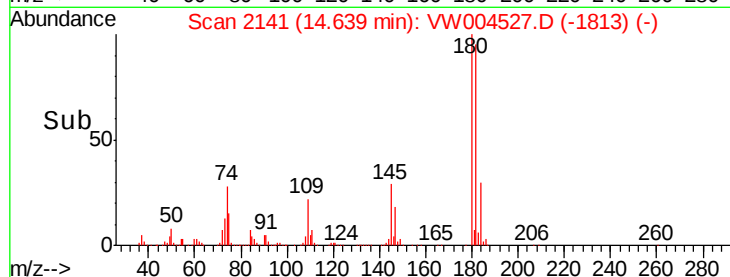
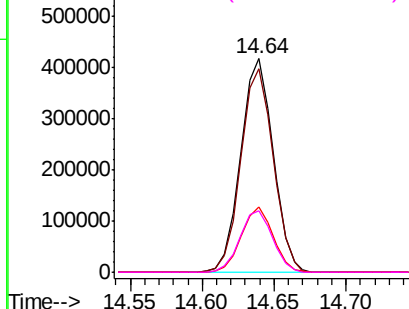
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

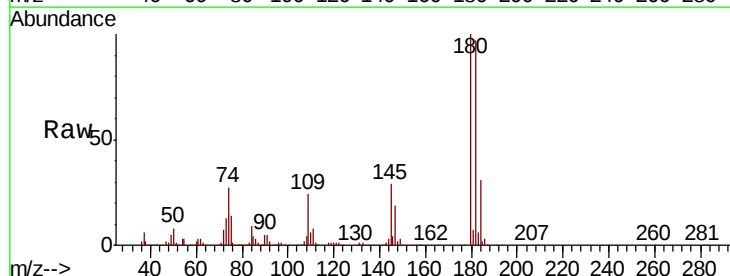
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 26.641 ug/L
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004527.D
 Acq: 08 Aug 2018 11:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.9	115.3
145	29.7	23.4	35.2

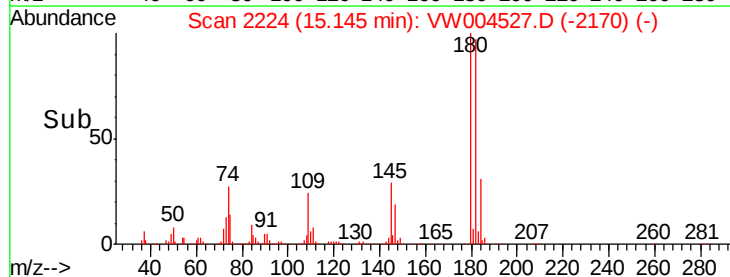
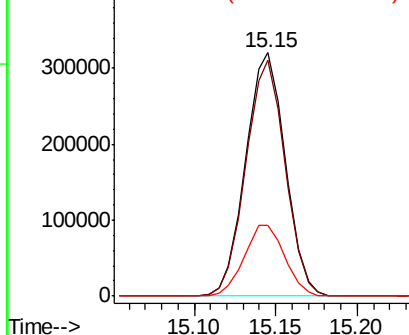


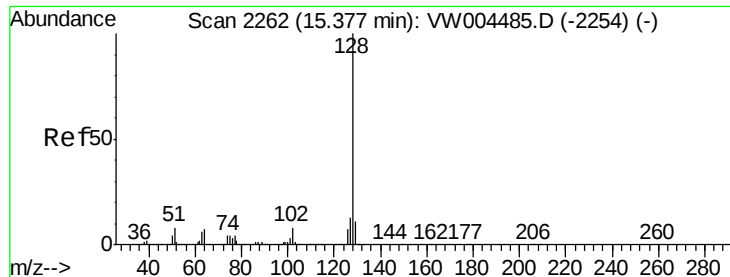
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 27.671 ug/L

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW004527.D

Acq: 08 Aug 2018 11:31

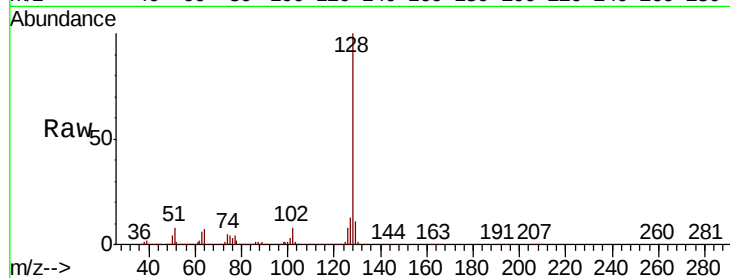
Instrument :

MSVOA_W

ClientSampled :

Tot Ion:128 Resp: 1284797

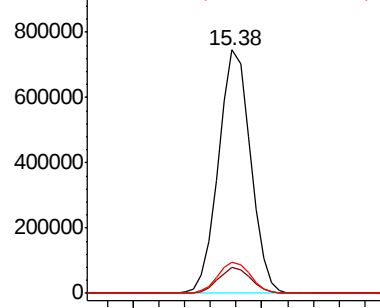
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.1	10.6	16.0



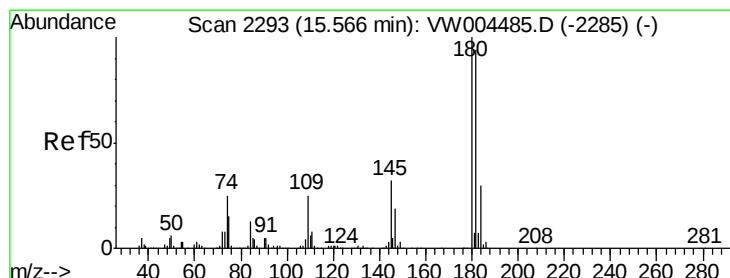
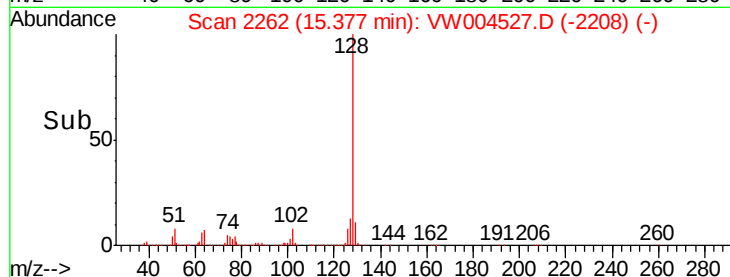
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#70

1,2,3-Trichlorobenzene

Concen: 27.271 ug/L

RT: 15.57 min Scan# 2293

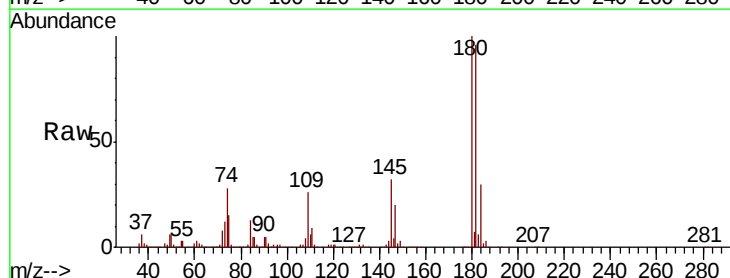
Delta R.T. -0.00 min

Lab File: VW004527.D

Acq: 08 Aug 2018 11:31

Tgt Ion:180 Resp: 540701

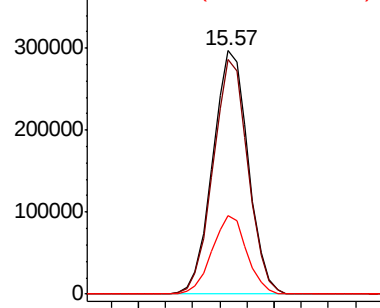
Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.0	114.0
145	31.5	25.2	37.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



Time-->

