

Data File : VW014780.D
Acq On : 27 Jan 2020 22:17
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

Quant Time: Jan 28 07:22:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 28 07:18:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	974250	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	881183	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	433426	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	379374	24.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.32%
7) Chloroethane-d5	2.89	69	307365	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.76%
10) 1,1-Dichloroethene-d2	4.02	63	674942	24.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.68%
20) 2-Butanone-d5	7.07	46	230983	52.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.44%
24) Chloroform-d	7.65	84	675293	25.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.44%
26) 1,2-Dichloroethane-d4	8.30	65	361797	24.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.92%
29) Benzene-d6	8.27	84	1371029	24.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.88%
33) 1,2-Dichloropropane-d6	9.27	67	431891	25.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.20%
37) Toluene-d8	10.32	98	1228144	24.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.44%
38) trans-1,3-Dichloropropene-	10.57	79	169462	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.68%
39) 2-Hexanone-d5	10.92	63	187389	57.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	346321	25.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	414665	24.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.64%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	317423	26.495	ug/L 99
3) Chloromethane	2.21	50	308973	22.107	ug/L 100
5) Vinyl chloride	2.36	62	527953	26.850	ug/L 94
6) Bromomethane	2.78	94	251510	24.469	ug/L 100
8) Chloroethane	2.92	64	268549	25.209	ug/L 98
9) Trichlorofluoromethane	3.26	101	208450	22.077	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	346208	25.670	ug/L 99
12) 1,1-Dichloroethene	4.04	96	347214	26.107	ug/L 88
13) Acetone	4.12	43	174886	37.267	ug/L 100
14) Carbon disulfide	4.39	76	1127457	25.897	ug/L 100
15) Methyl Acetate	4.67	43	201958	28.837	ug/L 99
16) Methylene chloride	4.92	84	390954	23.745	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	502859	28.603	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	364403	26.519	ug/L 99
19) 1,1-Dichloroethane	6.21	63	688704	26.726	ug/L 99
21) 2-Butanone	7.17	43	265074	50.448	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	387231	26.916	ug/L 99

Data File : VW014780.D
Acq On : 27 Jan 2020 22:17
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

Quant Time: Jan 28 07:22:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 28 07:18:57 2020
Response via : Initial Calibration

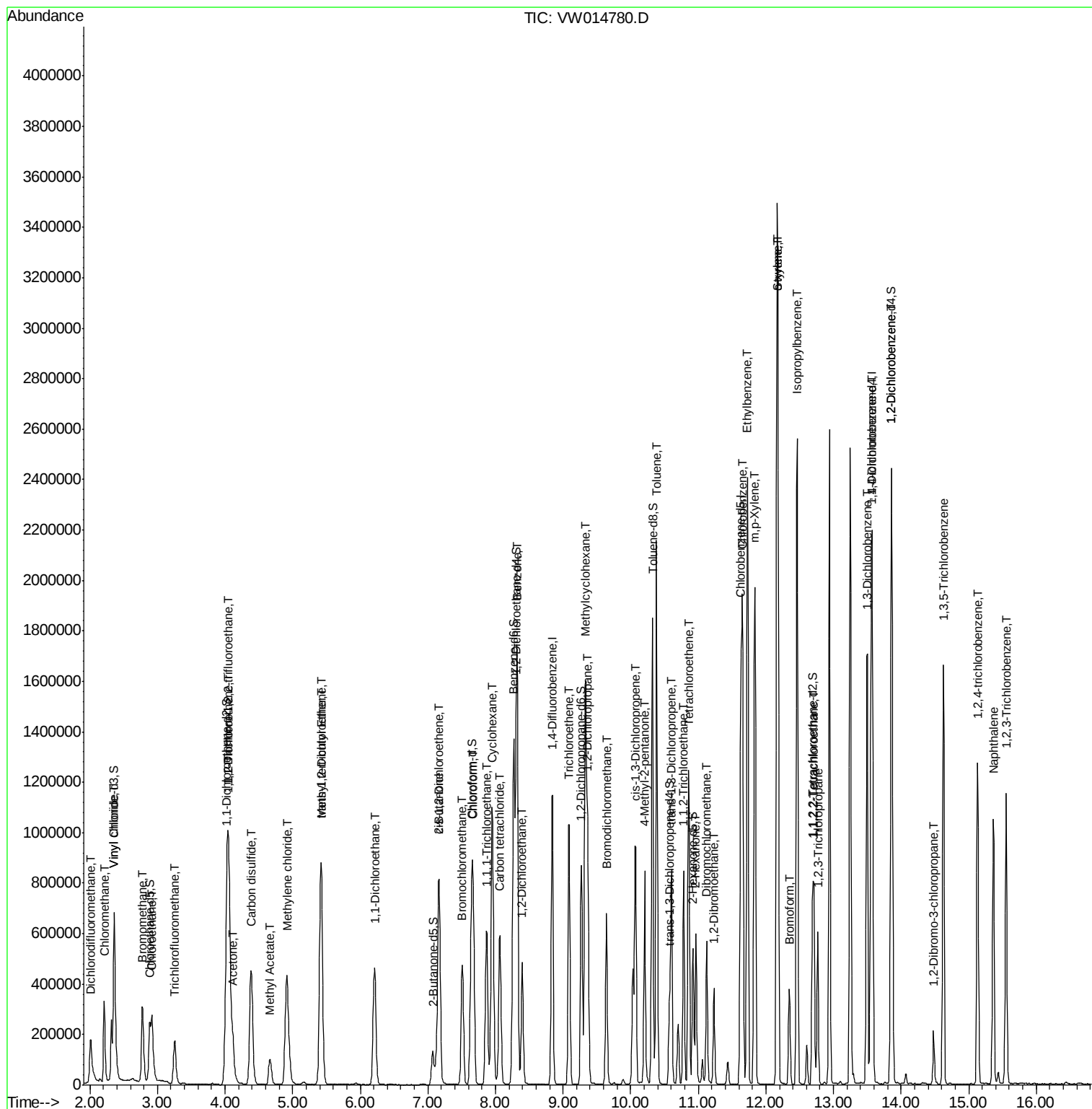
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	166251	26.445	ug/L	95
25) Chloroform	7.67	83	648143	26.957	ug/L	99
27) 1,2-Dichloroethane	8.40	62	434087	27.325	ug/L	100
30) Cyclohexane	7.95	56	652852	27.131	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	500230	25.998	ug/L	99
32) Carbon tetrachloride	8.07	117	459253	25.469	ug/L	100
34) Benzene	8.32	78	1513962	26.826	ug/L	100
35) Trichloroethene	9.09	95	371772	25.931	ug/L	99
36) Methylcyclohexane	9.34	83	658256	26.391	ug/L	99
40) 1,2-Dichloropropane	9.37	63	386234	26.997	ug/L	99
41) Bromodichloromethane	9.64	83	462756	27.064	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	583084	27.904	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	559551	59.481	ug/L	99
44) Toluene	10.38	91	1569591	27.371	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	460906	27.171	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	270807	27.729	ug/L	98
47) Tetrachloroethene	10.86	164	294637	25.721	ug/L	98
49) 2-Hexanone	10.96	43	386436	57.136	ug/L	99
50) Dibromochloromethane	11.13	129	308289	27.666	ug/L	98
51) 1,2-Dibromoethane	11.23	107	260185	27.695	ug/L	97
52) Chlorobenzene	11.65	112	955974	26.698	ug/L	99
53) Ethylbenzene	11.73	91	1718477	27.422	ug/L	100
54) m,p-Xylene	11.83	106	640616	27.347	ug/L	94
55) o-xylene	12.16	106	612277	27.856	ug/L	100
56) Styrene	12.18	104	1066447	28.608	ug/L	99
57) Isopropylbenzene	12.46	105	1627041	27.332	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	344338	27.365	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	258594	27.358	ug/L	99
62) Bromoform	12.35	173	178119	26.180	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	724044	25.875	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	732852	26.132	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	672108	26.407	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	56193	26.918	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	528209	25.485	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	431302	28.041	ug/L	99
69) Naphthalene	15.36	128	890700	32.018	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	409866	29.064	ug/L	98

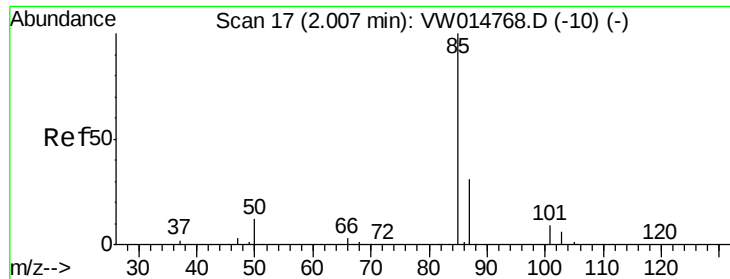
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW014780.D
Acq On : 27 Jan 2020 22:17
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sample ID :
VSTD02525

Quant Time: Jan 28 07:22:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 28 07:18:57 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 26.495 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014780.D

Acq: 27 Jan 2020 22:17

Instrument :

MSVOA_W

ClientSampleId :

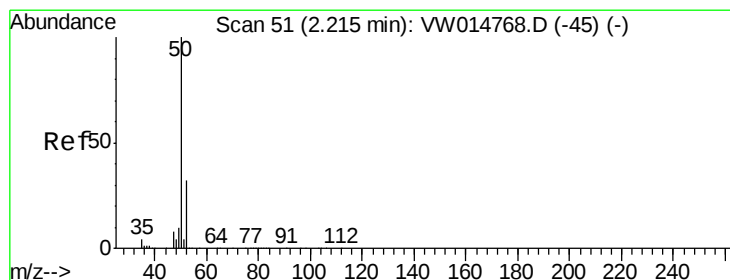
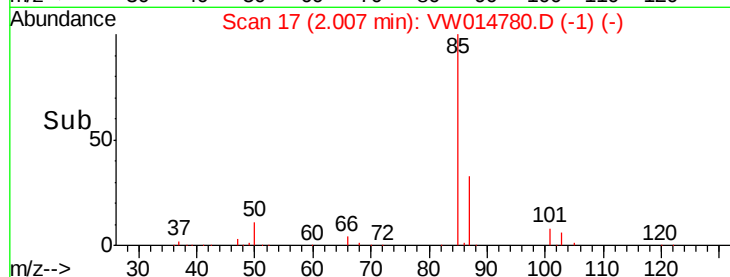
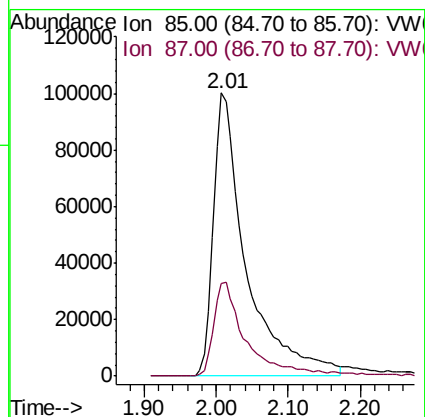
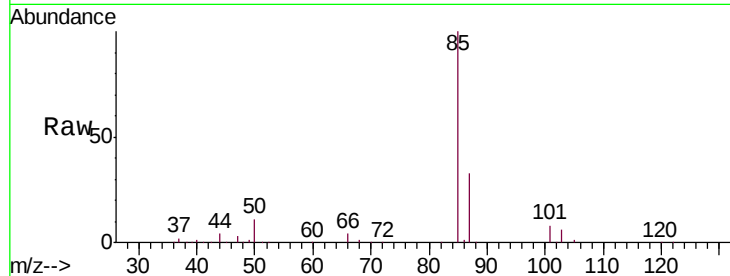
VSTD02525

Tgt Ion: 85 Resp: 317423

Ion Ratio Lower Upper

85 100

87 31.0 22.0 40.8



#3

Chloromethane

Concen: 22.107 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW014780.D

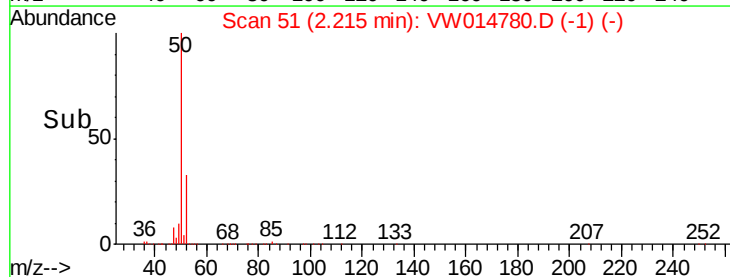
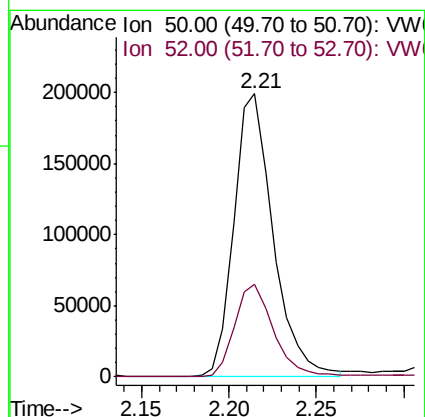
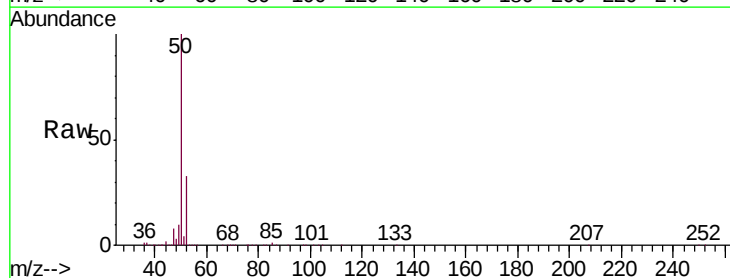
Acq: 27 Jan 2020 22:17

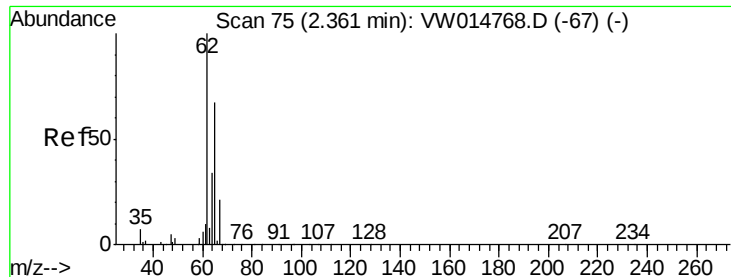
Tgt Ion: 50 Resp: 308973

Ion Ratio Lower Upper

50 100

52 32.7 22.9 42.5





#5

Vinyl chloride

Concen: 26.850 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014780.D

Acq: 27 Jan 2020 22:17

Instrument :

MSVOA_W

ClientSampleId :

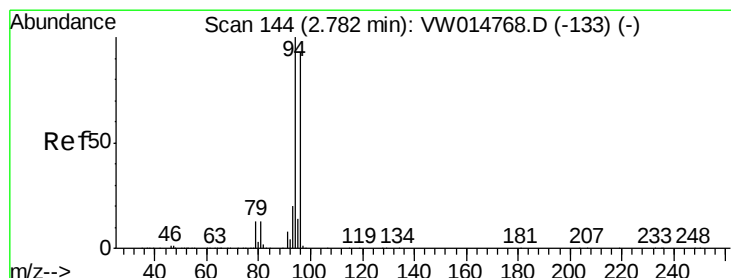
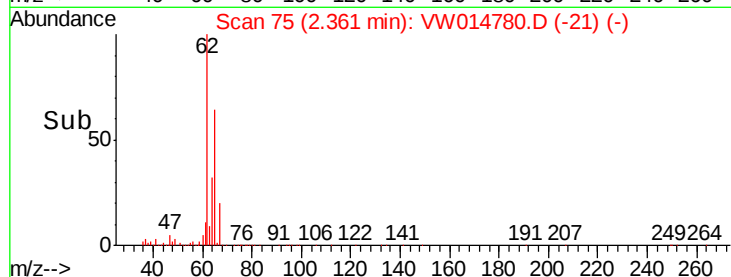
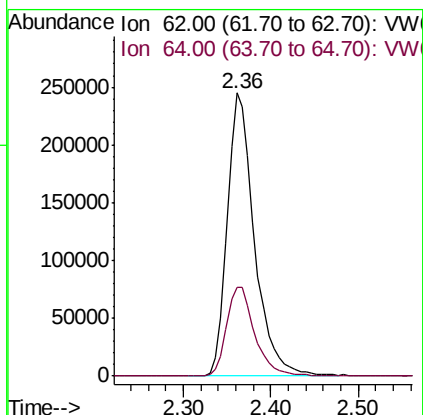
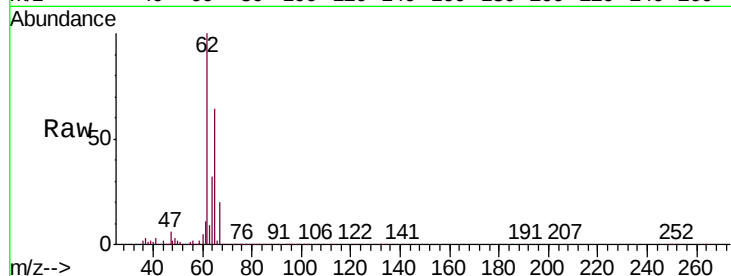
VSTD02525

Tgt Ion: 62 Resp: 527953

Ion Ratio Lower Upper

62 100

64 31.5 24.3 45.1



#6

Bromomethane

Concen: 24.469 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW014780.D

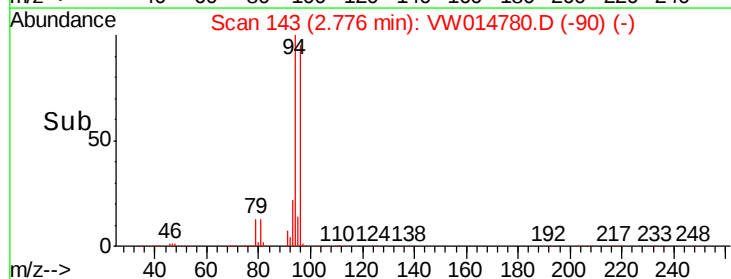
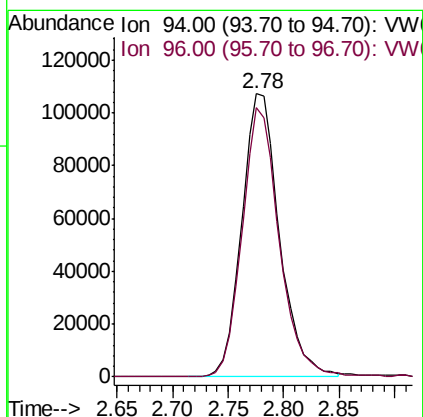
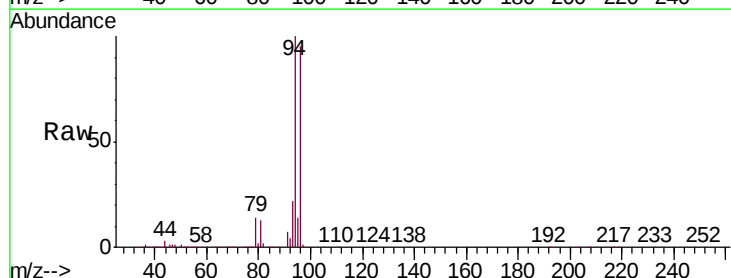
Acq: 27 Jan 2020 22:17

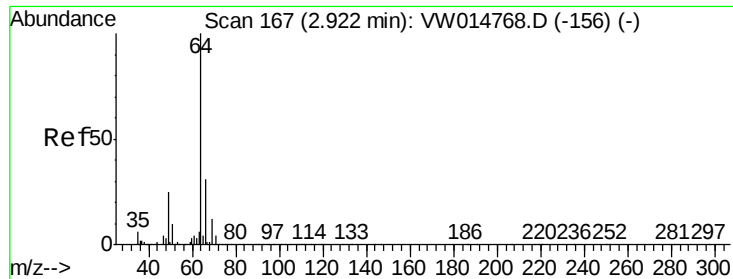
Tgt Ion: 94 Resp: 251510

Ion Ratio Lower Upper

94 100

96 93.7 9.3 177.7

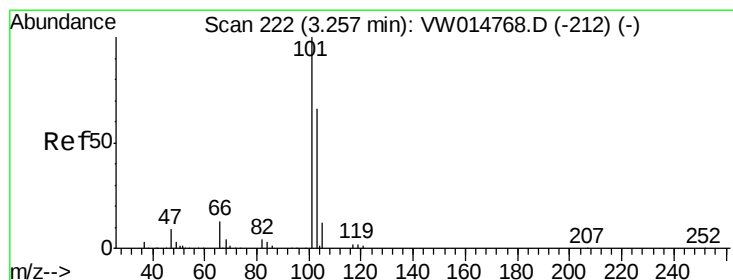
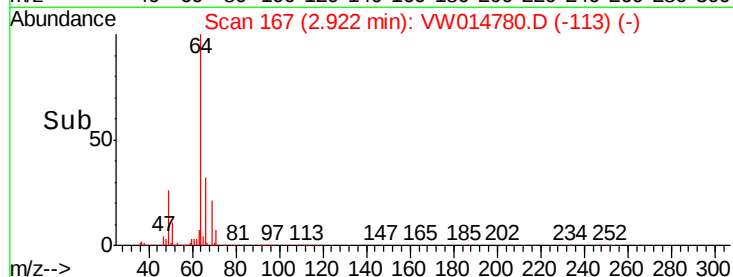
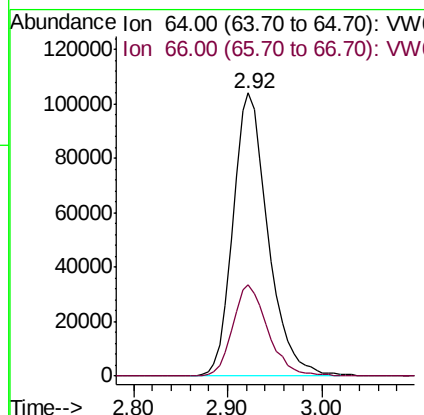
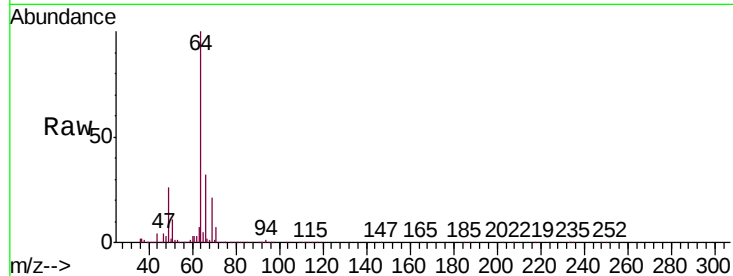




#8
Chloroethane
Concen: 25.209 ug/L
RT: 2.92 min Scan# 167
Delta R.T. -0.00 min
Lab File: VW014780.D
Acq: 27 Jan 2020 22:17

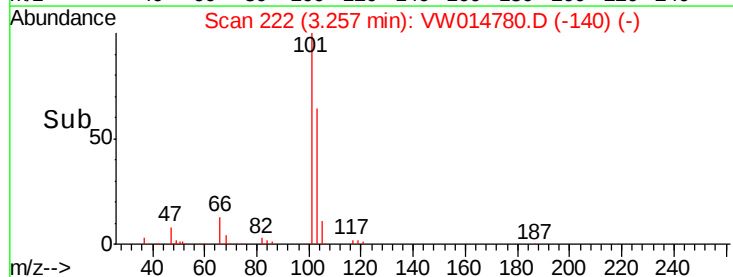
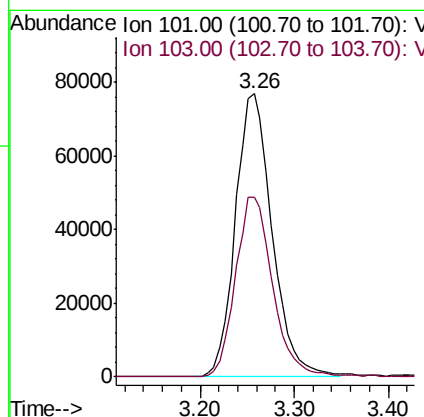
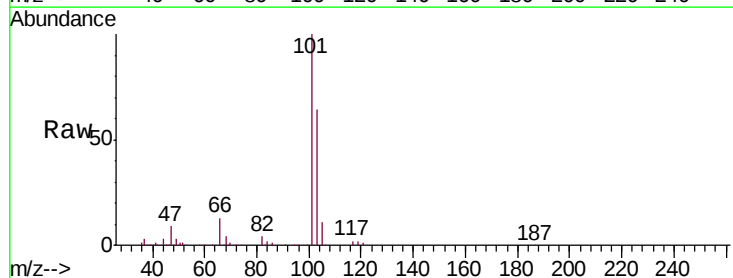
Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

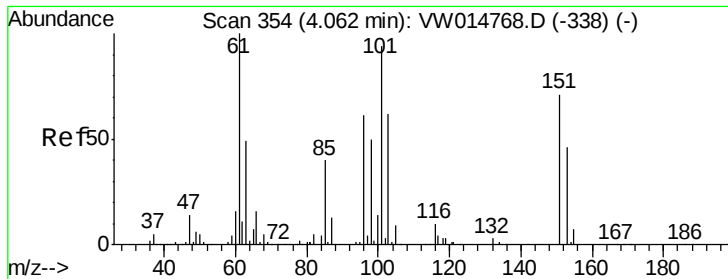
Tgt Ion: 64 Resp: 268549
Ion Ratio Lower Upper
64 100
66 32.1 21.8 40.4



#9
Trichlorofluoromethane
Concen: 22.077 ug/L
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW014780.D
Acq: 27 Jan 2020 22:17

Tgt Ion: 101 Resp: 208450
Ion Ratio Lower Upper
101 100
103 64.2 45.1 83.9





#11

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

Concen: 25.670 ug/L

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014780.D

Acq: 27 Jan 2020 22:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD02525

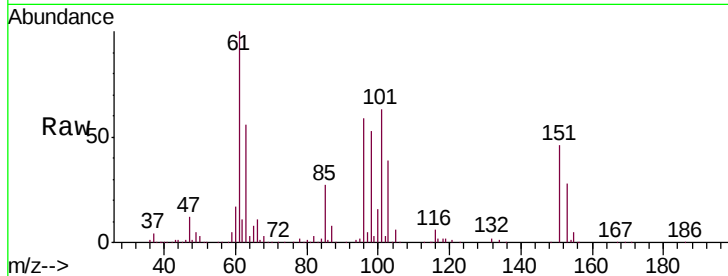
Tgt Ion: 101 Resp: 346208

Ion Ratio Lower Upper

101 100

85 42.6 33.8 50.6

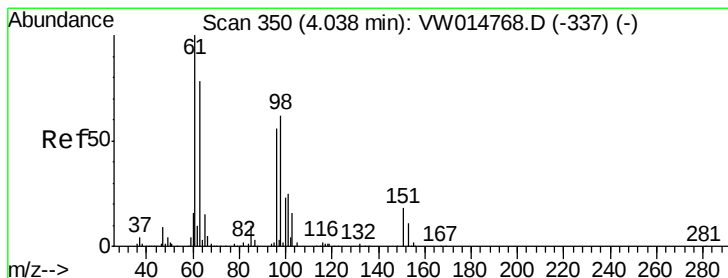
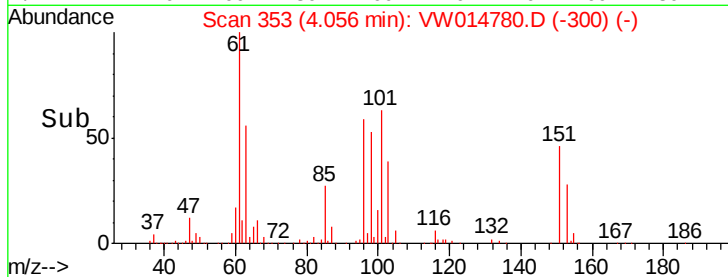
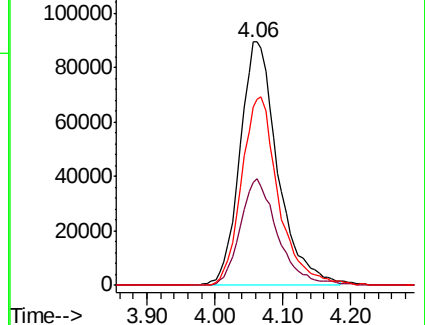
151 75.6 59.7 89.5



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: 26.107 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW014780.D

Acq: 27 Jan 2020 22:17

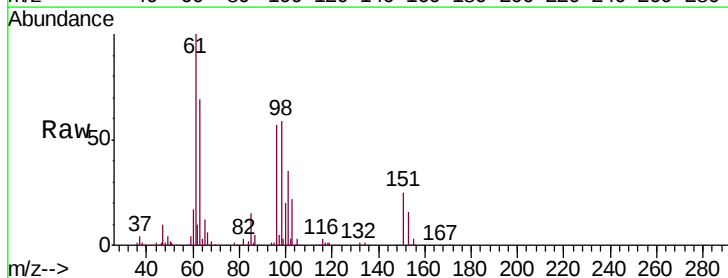
Tgt Ion: 96 Resp: 347214

Ion Ratio Lower Upper

96 100

61 175.9 124.3 230.9

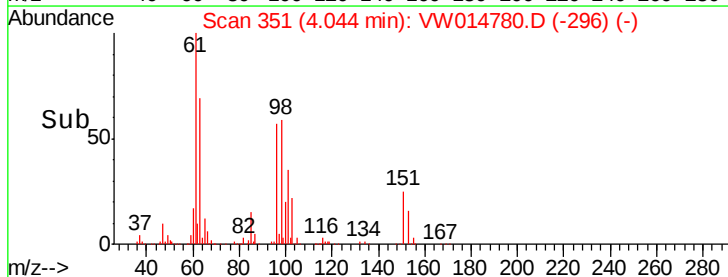
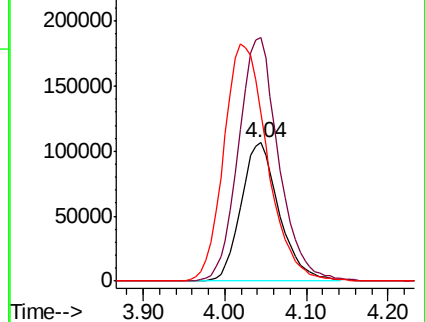
63 121.7 107.0 198.6

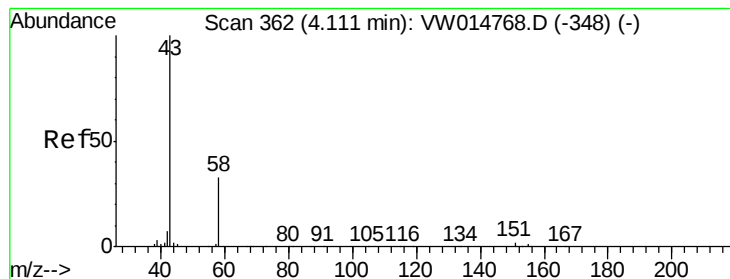


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 37.267 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW014780.D

Acq: 27 Jan 2020 22:17

Instrument :

MSVOA_W

ClientSampleId :

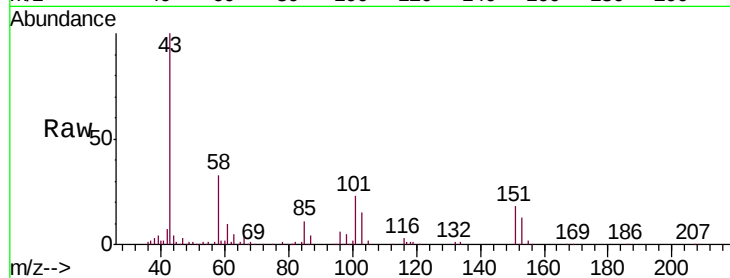
VSTD02525

Tgt Ion: 43 Resp: 174886

Ion Ratio Lower Upper

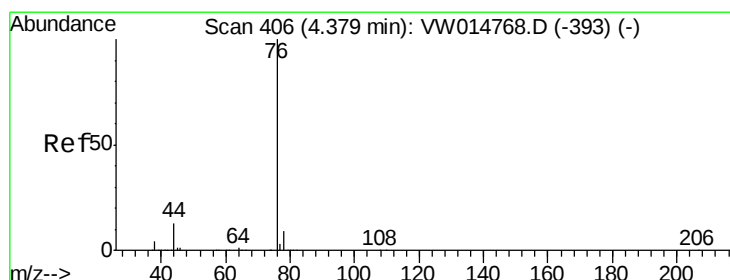
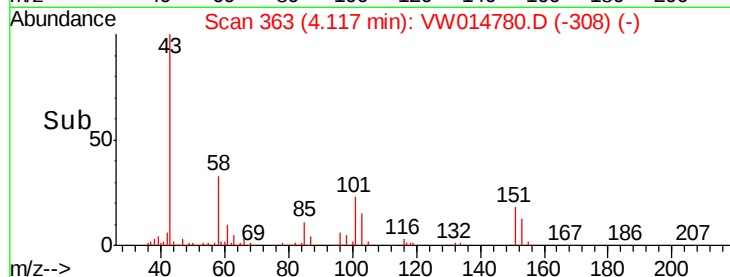
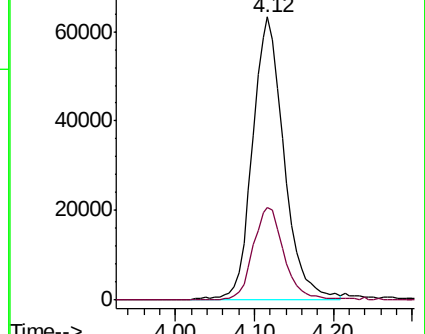
43 100

58 32.2 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 25.897 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW014780.D

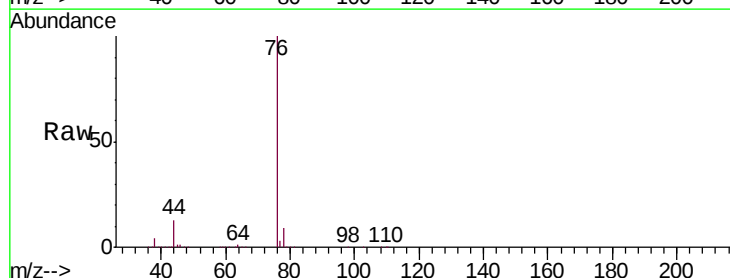
Acq: 27 Jan 2020 22:17

Tgt Ion: 76 Resp: 1127457

Ion Ratio Lower Upper

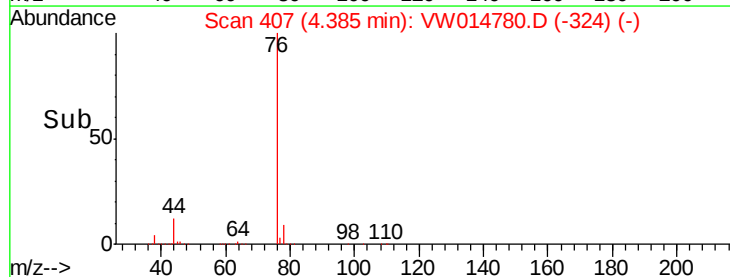
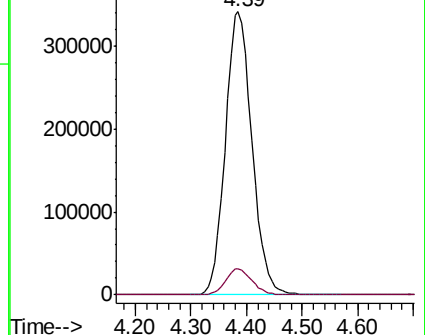
76 100

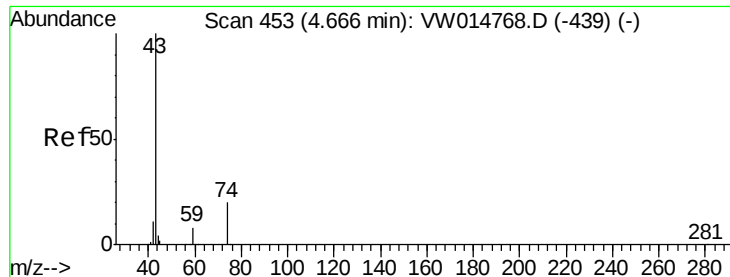
78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

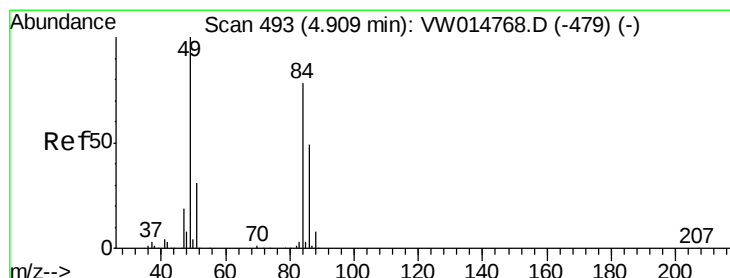
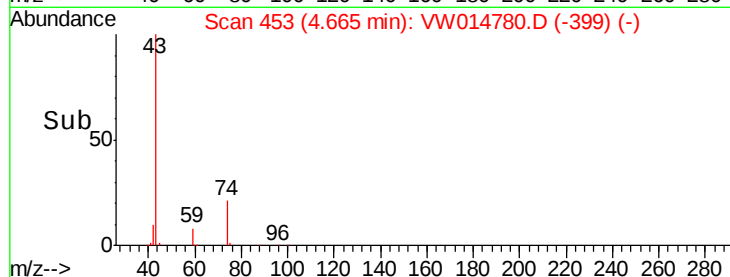
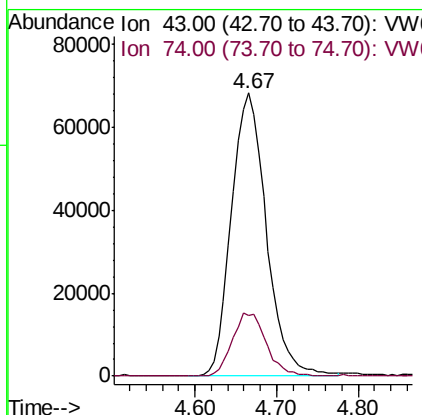
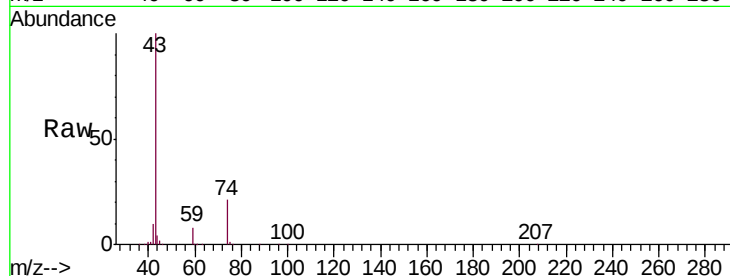




#15
Methyl Acetate
Concen: 28.837 ug/L
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW014780.D
Acq: 27 Jan 2020 22:17

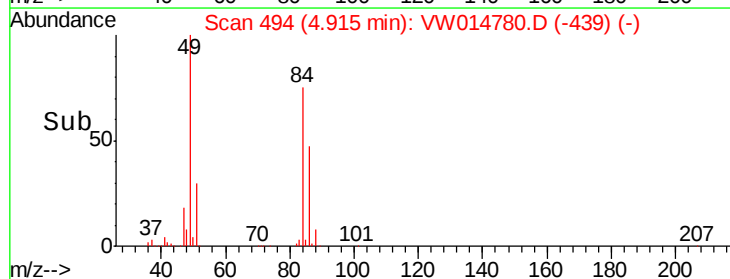
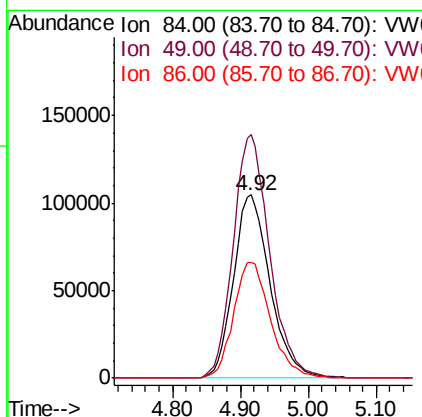
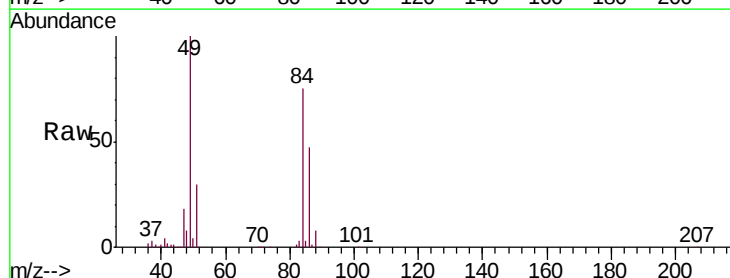
Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

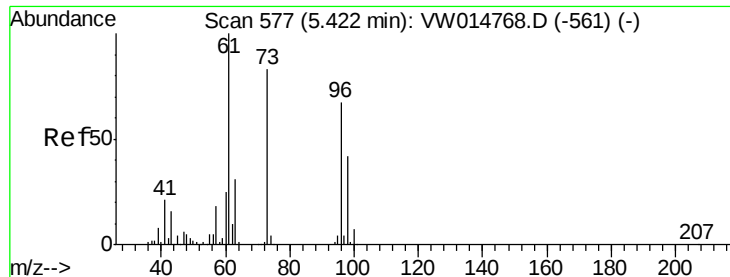
Tgt Ion: 43 Resp: 201958
Ion Ratio Lower Upper
43 100
74 21.9 18.0 27.0



#16
Methylene chloride
Concen: 23.745 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014780.D
Acq: 27 Jan 2020 22:17

Tgt Ion: 84 Resp: 390954
Ion Ratio Lower Upper
84 100
49 133.0 90.9 168.7
86 63.1 43.5 80.7

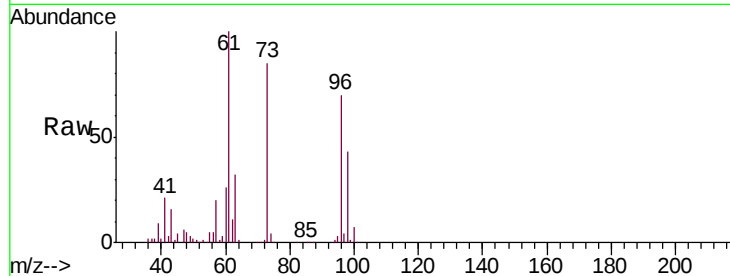




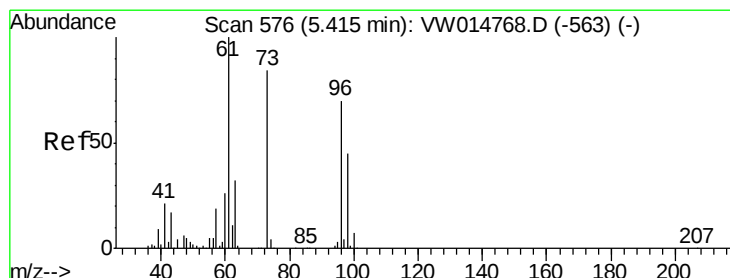
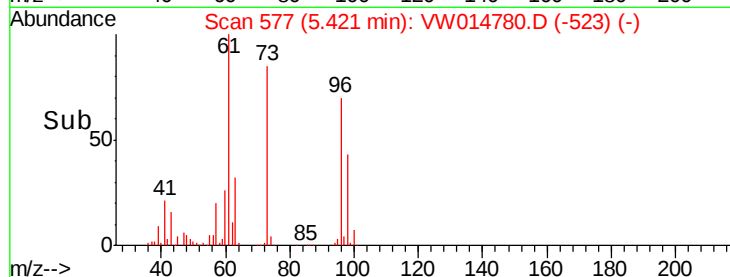
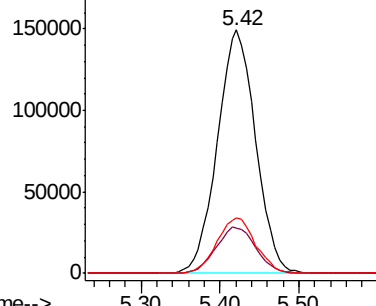
#17
Methyl tert-butyl Ether
Concen: 28.603 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW014780.D
Acq: 27 Jan 2020 22:17

Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

Tgt Ion	Ratio	Lower	Upper
73	100		
43	19.9	16.2	24.4
57	23.2	19.1	28.7

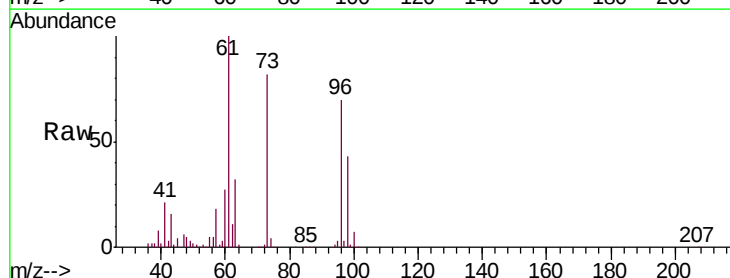


Abundance Ion 73.00 (72.70 to 73.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 57.00 (56.70 to 57.70): VW

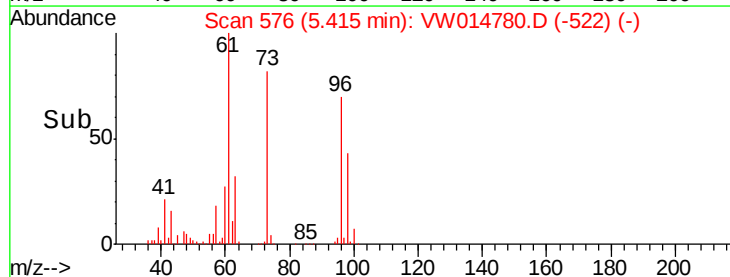
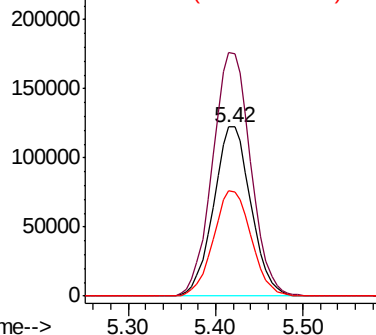


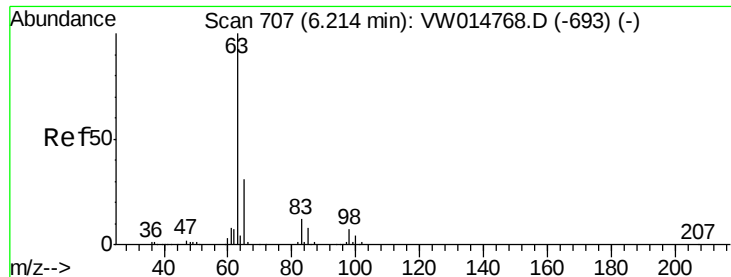
#18
trans-1,2-Dichloroethene
Concen: 26.519 ug/L
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW014780.D
Acq: 27 Jan 2020 22:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.8	100.2	186.0
98	62.1	43.1	80.1



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW

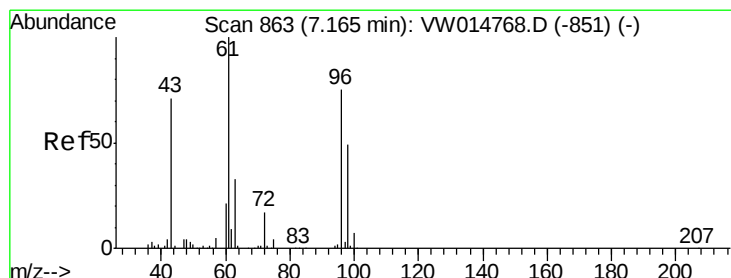
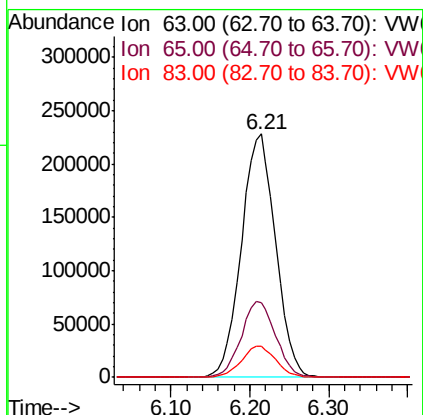
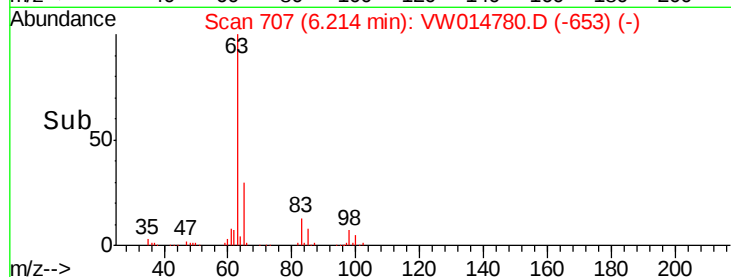
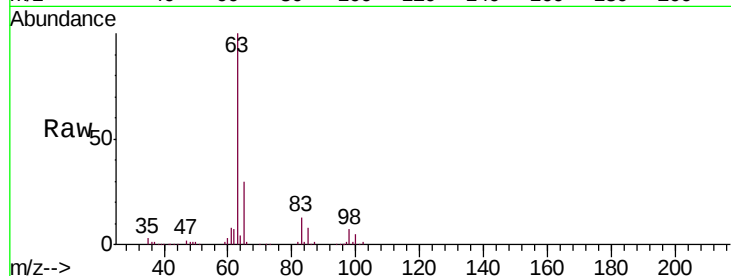




#19
 1,1-Dichloroethane
 Concen: 26.726 ug/L
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW014780.D
 Acq: 27 Jan 2020 22:17

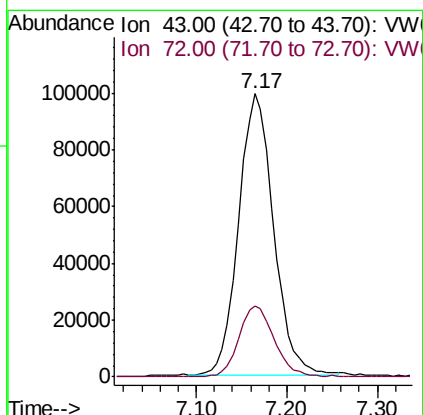
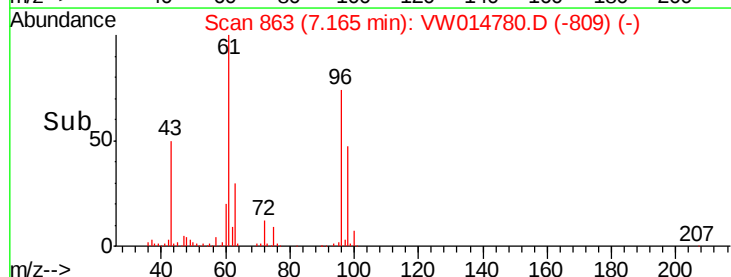
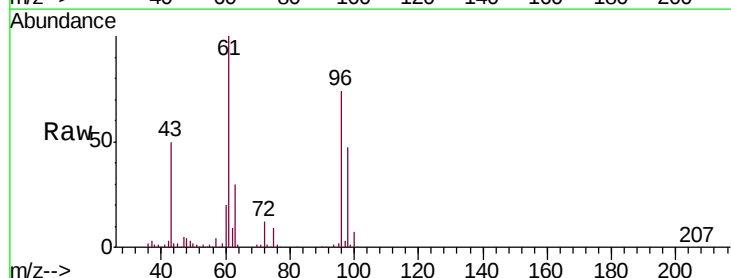
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

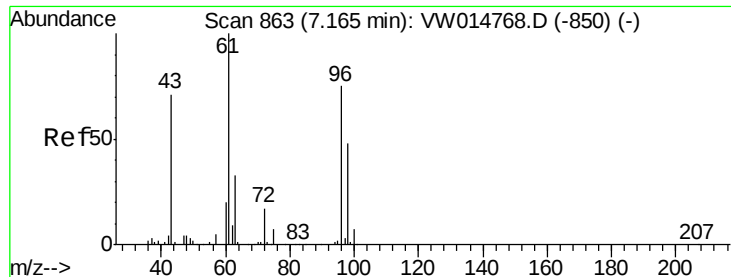
Tgt Ion: 63 Resp: 688704
 Ion Ratio Lower Upper
 63 100
 65 30.4 21.7 40.3
 83 12.7 8.8 16.4



#21
 2-Butanone
 Concen: 50.448 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW014780.D
 Acq: 27 Jan 2020 22:17

Tgt Ion: 43 Resp: 265074
 Ion Ratio Lower Upper
 43 100
 72 25.5 12.6 37.6



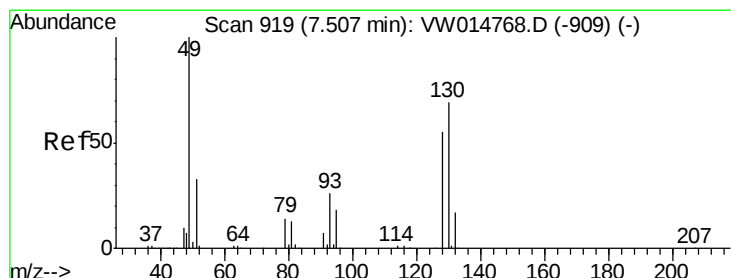
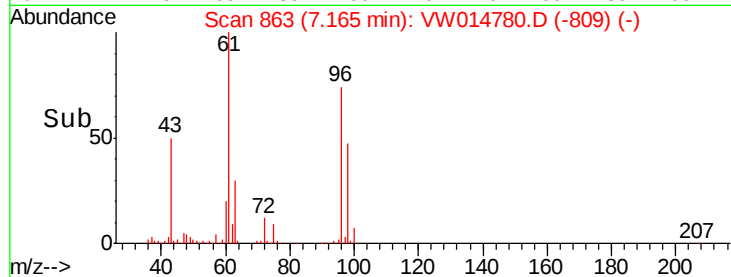
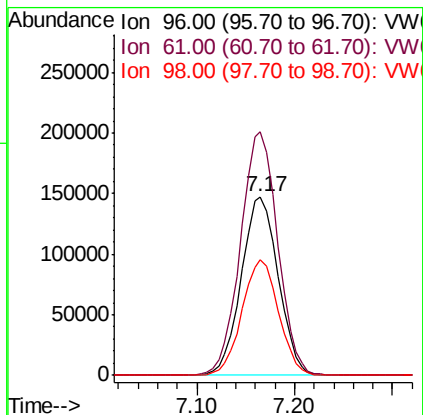
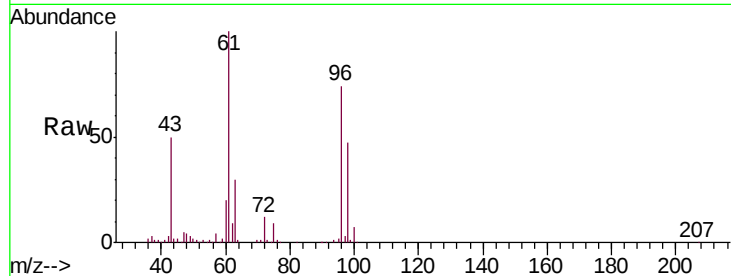


#22

cis-1,2-Dichloroethene
Concen: 26.916 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014780.D
Acq: 27 Jan 2020 22:17

Instrument :
MSVOA_W
ClientSampled :
VSTD02525

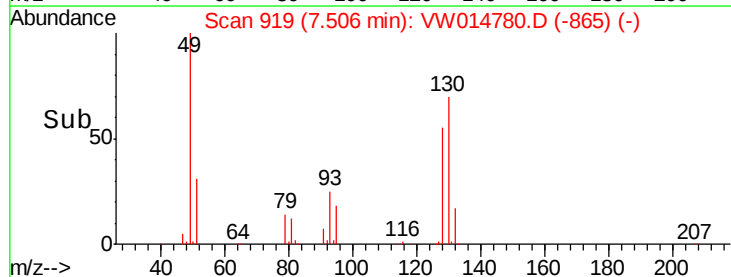
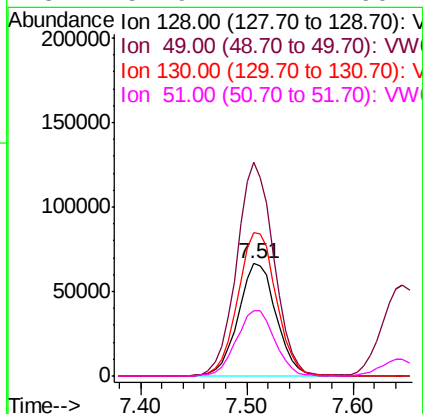
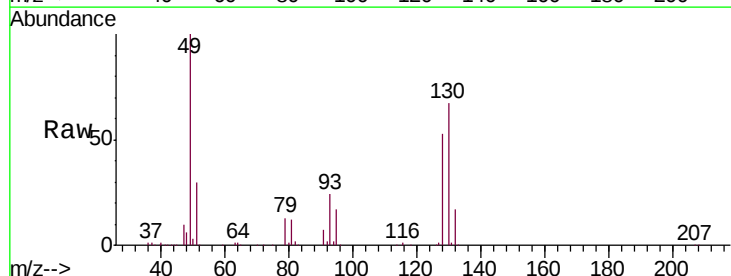
Tgt Ion: 96 Resp: 387231
Ion Ratio Lower Upper
96 100
61 136.0 94.1 174.7
98 64.5 44.9 83.3

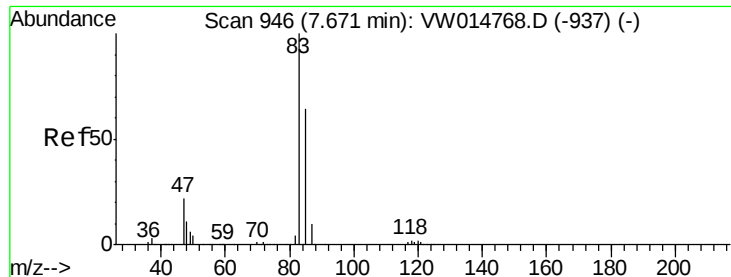


#23

Bromochloromethane
Concen: 26.445 ug/L
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW014780.D
Acq: 27 Jan 2020 22:17

Tgt Ion: 128 Resp: 166251
Ion Ratio Lower Upper
128 100
49 190.0 127.7 237.1
130 127.1 93.4 173.6
51 57.9 44.1 66.1

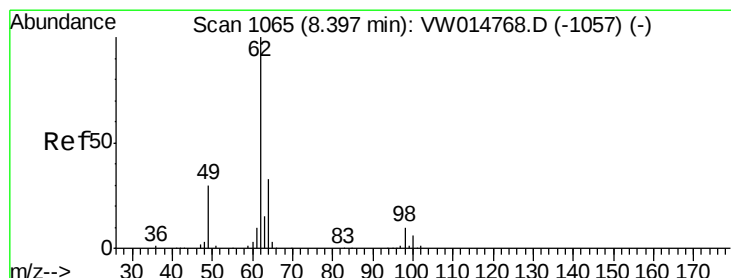
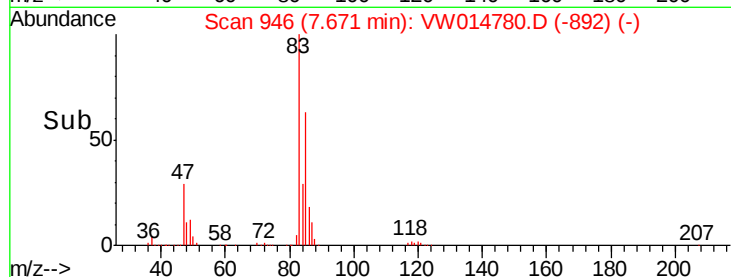
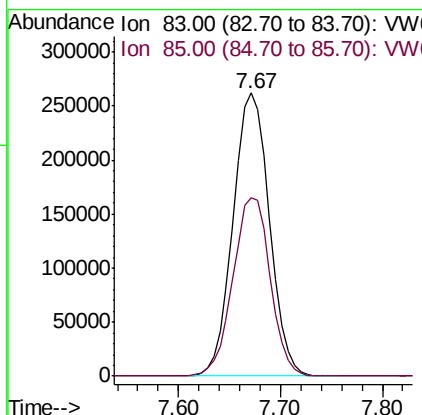
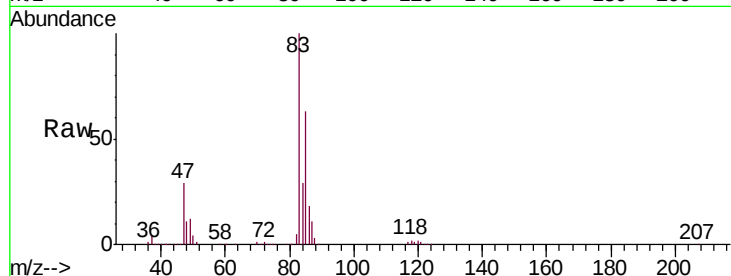




#25
Chloroform
Concen: 26.957 ug/L
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014780.D
Acq: 27 Jan 2020 22:17

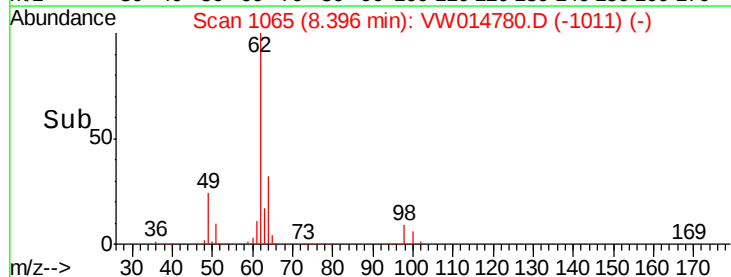
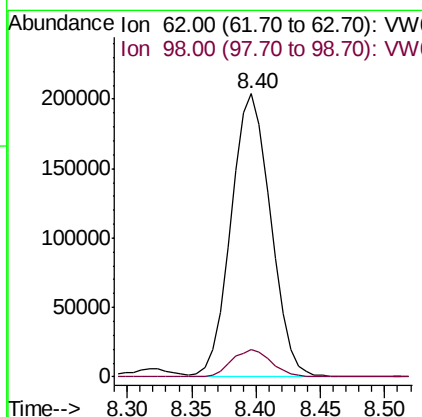
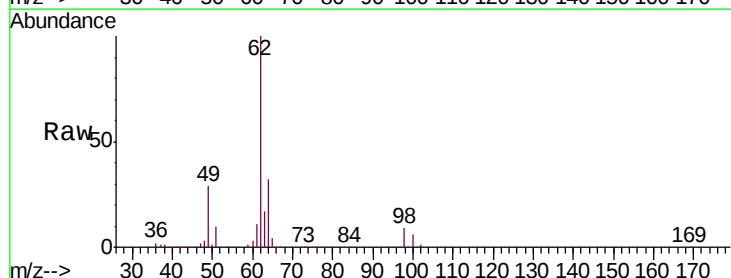
Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

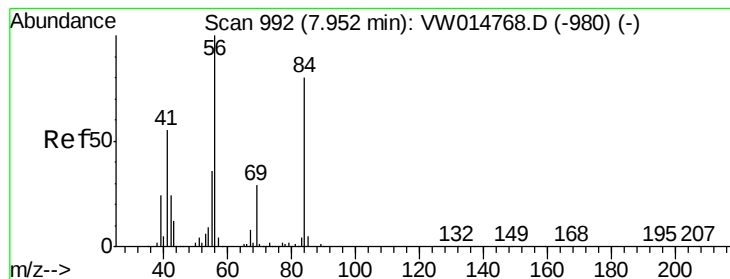
Tgt Ion: 83 Resp: 648143
Ion Ratio Lower Upper
83 100
85 64.9 46.0 85.4



#27
1,2-Dichloroethane
Concen: 27.325 ug/L
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014780.D
Acq: 27 Jan 2020 22:17

Tgt Ion: 62 Resp: 434087
Ion Ratio Lower Upper
62 100
98 9.5 7.5 11.3





#30

Cyclohexane

Concen: 27.131 ug/L

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014780.D

Acq: 27 Jan 2020 22:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD02525

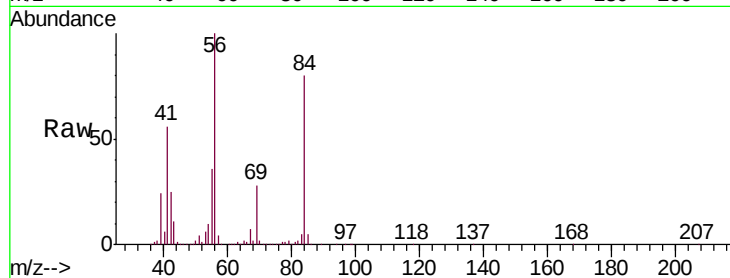
Tgt Ion: 56 Resp: 652852

Ion Ratio Lower Upper

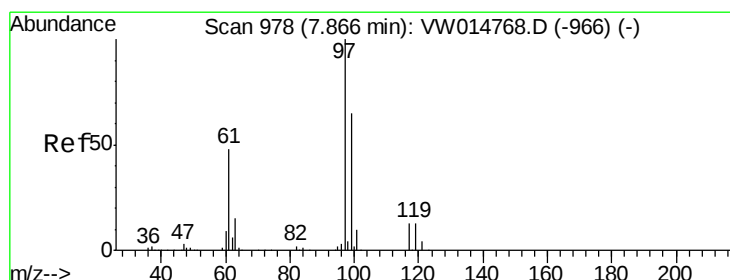
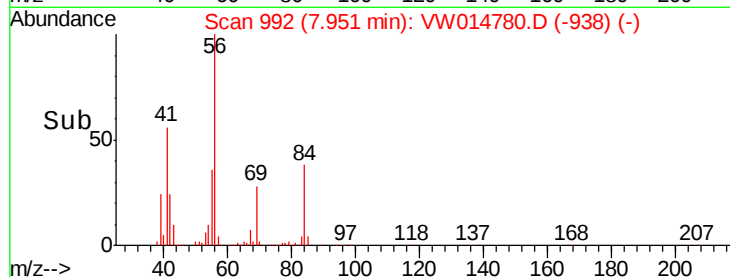
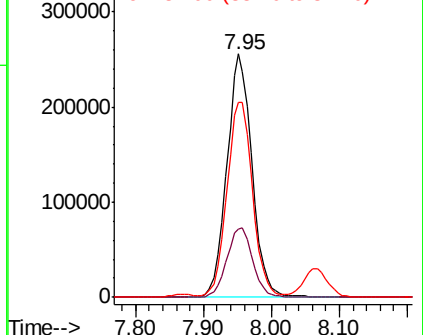
56 100

69 29.4 23.8 35.6

84 82.0 64.8 97.2



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#31

1,1,1-Trichloroethane

Concen: 25.998 ug/L

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW014780.D

Acq: 27 Jan 2020 22:17

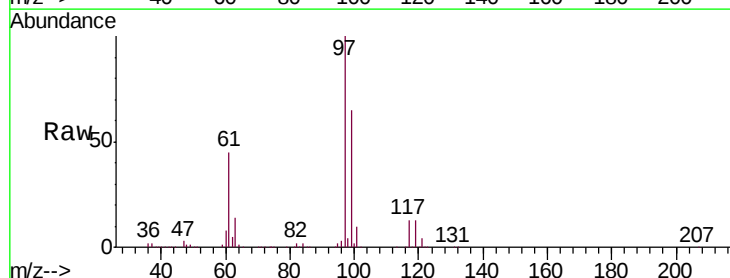
Tgt Ion: 97 Resp: 500230

Ion Ratio Lower Upper

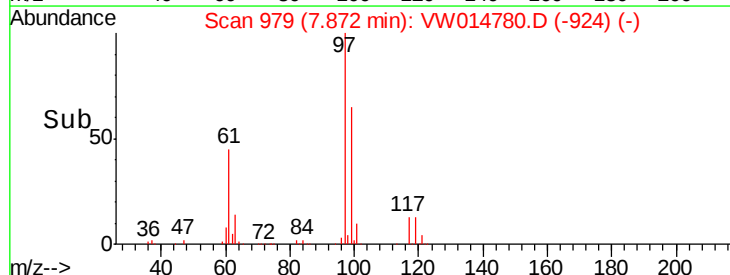
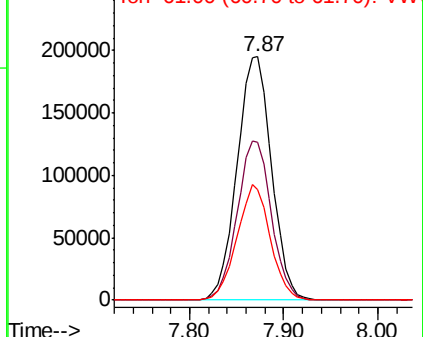
97 100

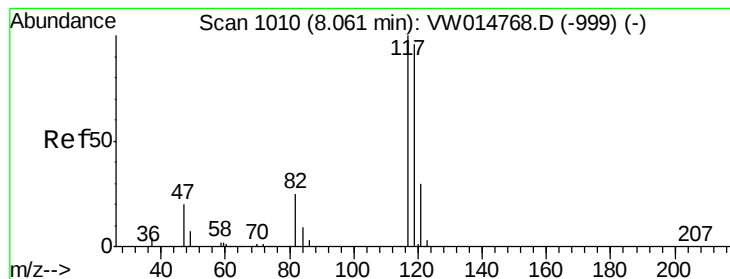
99 64.7 50.9 76.3

61 45.6 36.4 54.6



Abundance Ion 97.00 (96.70 to 97.70): VW
Ion 99.00 (98.70 to 99.70): VW
Ion 61.00 (60.70 to 61.70): VW





#32

Carbon tetrachloride

Concen: 25.469 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. 0.01 min

Lab File: VW014780.D

Acq: 27 Jan 2020 22:17

Instrument :

MSVOA_W

ClientSampleId :

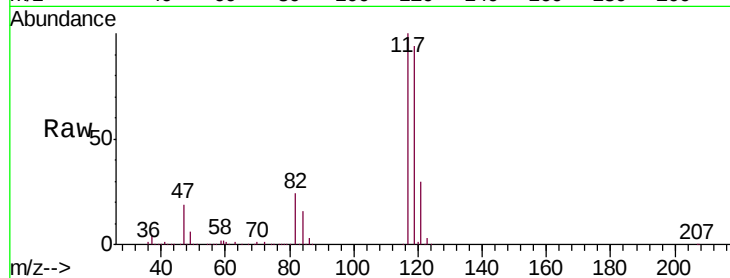
VSTD02525

Tgt Ion:117 Resp: 459253

Ion Ratio Lower Upper

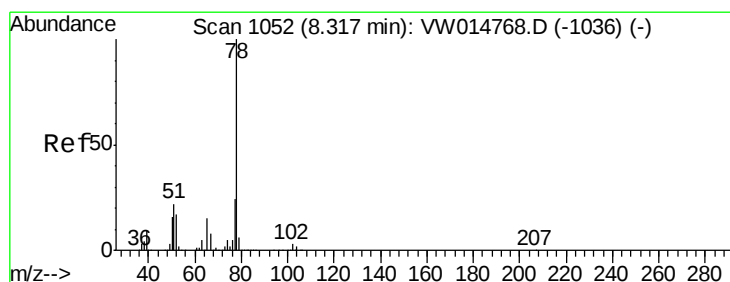
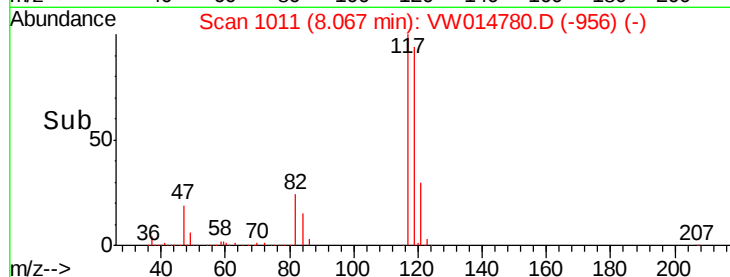
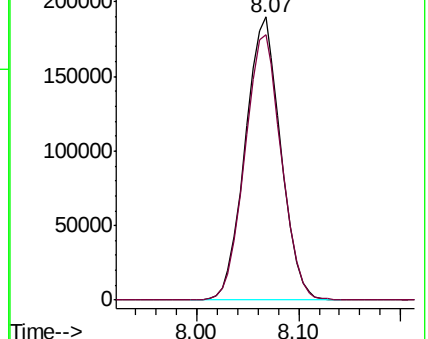
117 100

119 96.2 76.6 115.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 26.826 ug/L

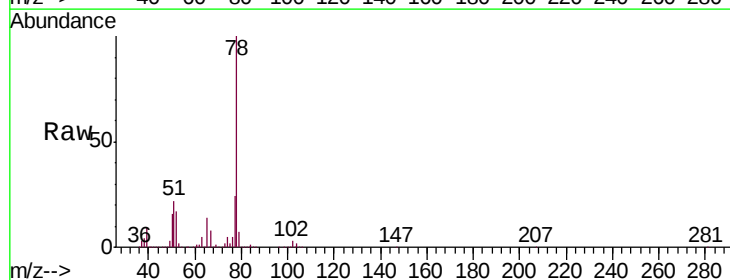
RT: 8.32 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VW014780.D

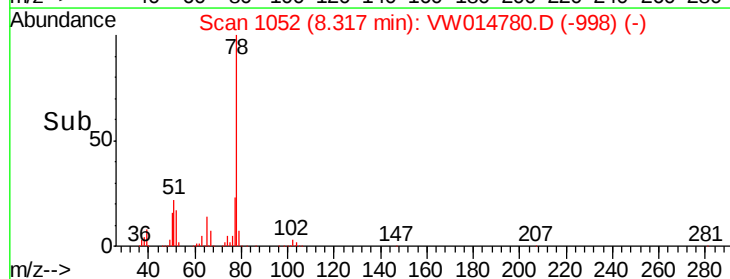
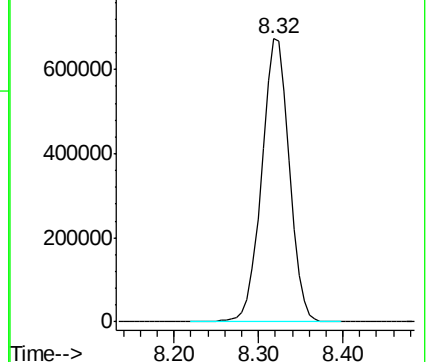
Acq: 27 Jan 2020 22:17

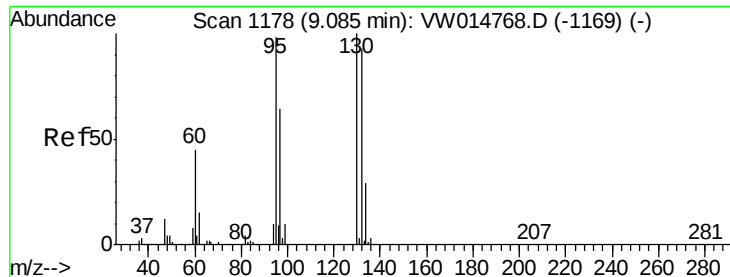
Tgt Ion: 78 Resp: 1513962



Abundance Ion 78.00 (77.70 to 78.70): VW

8.32

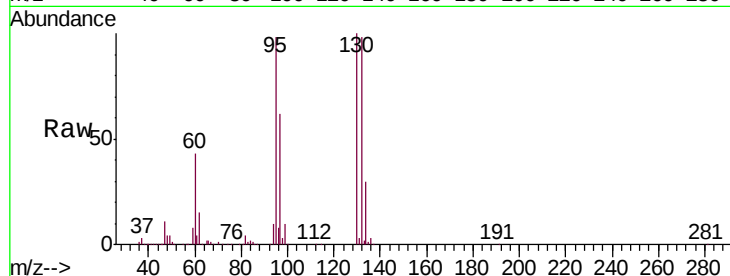




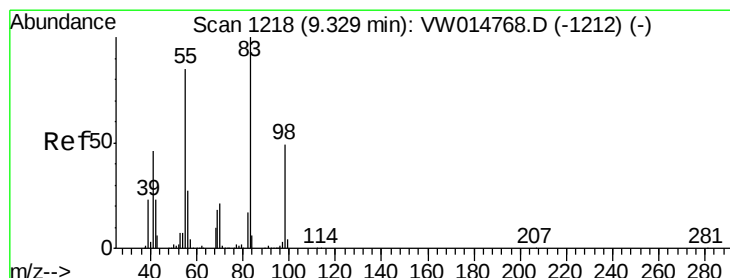
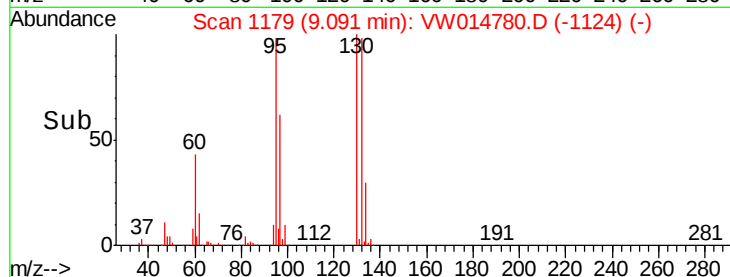
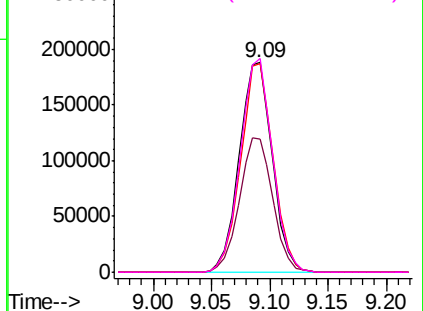
#35
 Trichloroethene
 Concen: 25.931 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW014780.D
 Acq: 27 Jan 2020 22:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

Tgt Ion:	95	Resp:	371772
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.3	82.3
132	97.4	67.1	124.7
130	99.6	69.9	129.7

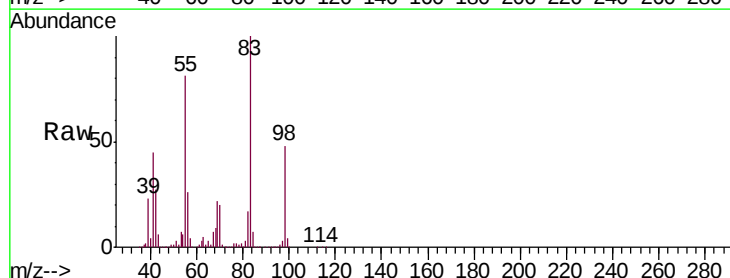


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

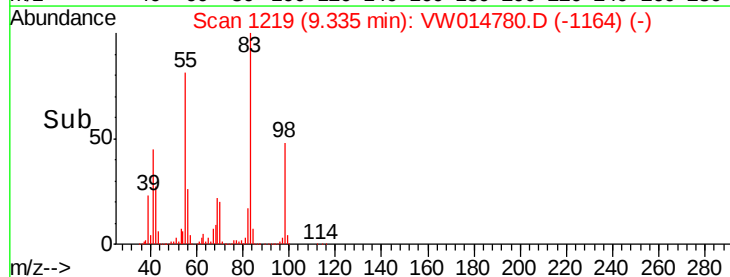
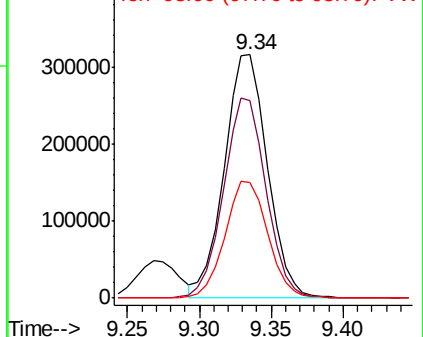


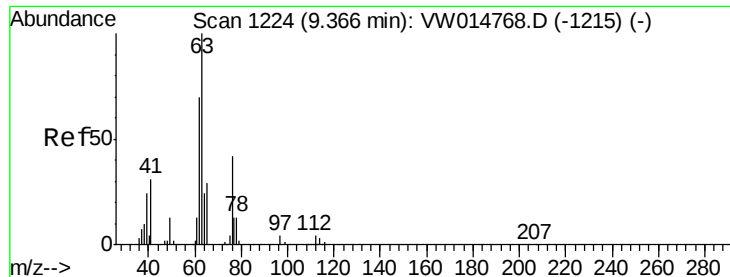
#36
 Methylcyclohexane
 Concen: 26.391 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: VW014780.D
 Acq: 27 Jan 2020 22:17

Tgt Ion:	83	Resp:	658256
Ion	Ratio	Lower	Upper
83	100		
55	81.4	65.6	98.4
98	47.8	38.0	57.0



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

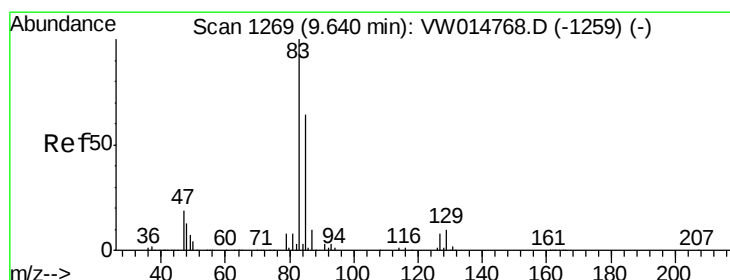
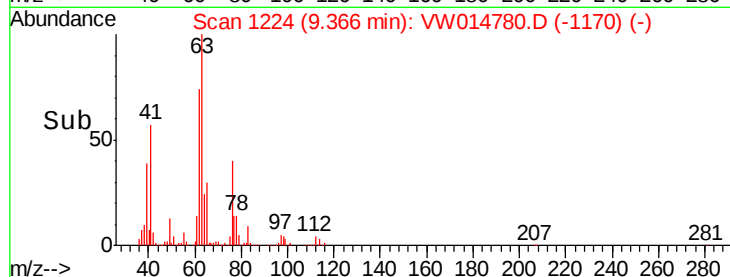
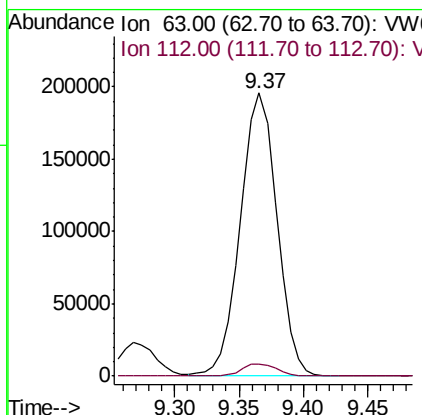
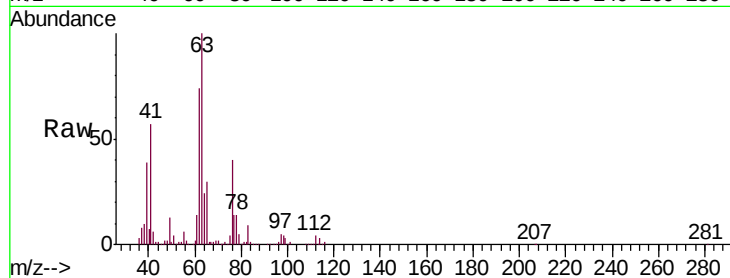




#40
 1,2-Dichloropropane
 Concen: 26.997 ug/L
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014780.D
 Acq: 27 Jan 2020 22:17

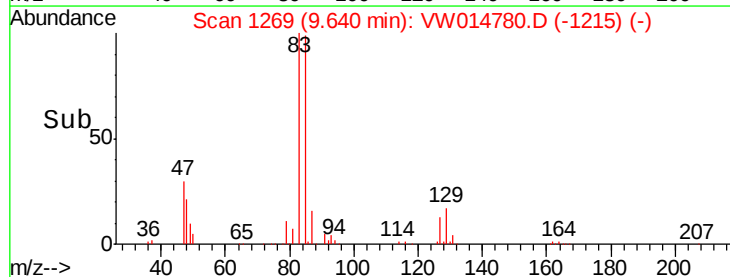
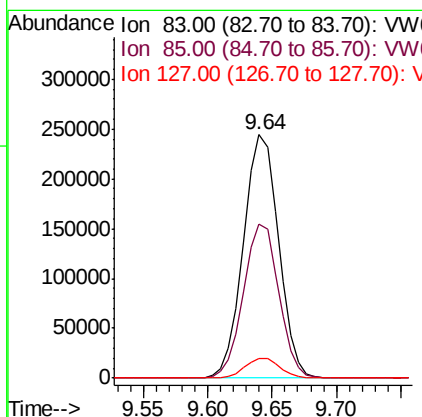
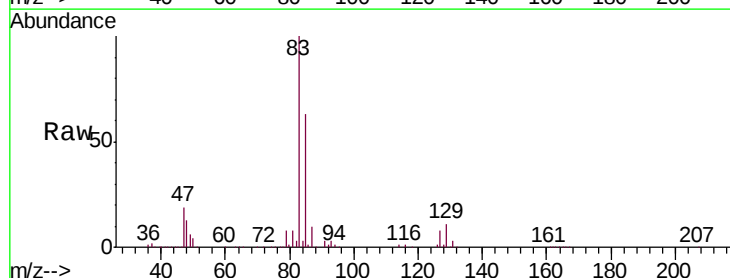
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

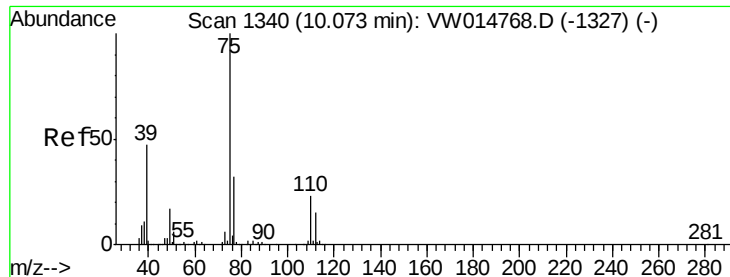
Tgt Ion: 63 Resp: 386234
 Ion Ratio Lower Upper
 63 100
 112 4.3 3.6 5.4



#41
 Bromodichloromethane
 Concen: 27.064 ug/L
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW014780.D
 Acq: 27 Jan 2020 22:17

Tgt Ion: 83 Resp: 462756
 Ion Ratio Lower Upper
 83 100
 85 63.0 45.7 84.9
 127 8.2 6.5 9.7





#42

cis-1,3-Dichloropropene

Concen: 27.904 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW014780.D

Acq: 27 Jan 2020 22:17

Instrument :

MSVOA_W

ClientSampleId :

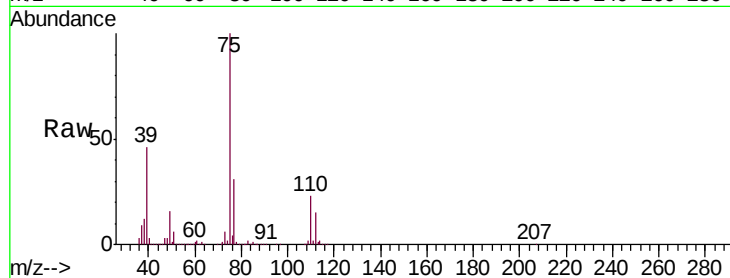
VSTD02525

Tgt Ion: 75 Resp: 583084

Ion Ratio Lower Upper

75 100

77 31.1 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.07

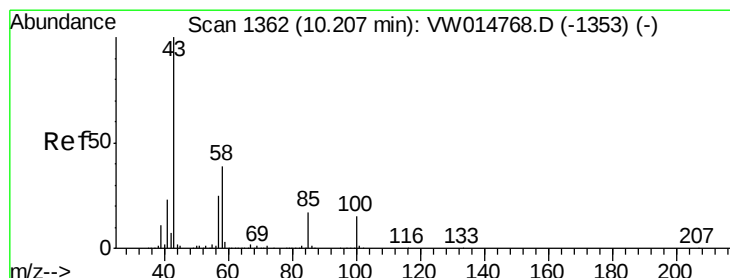
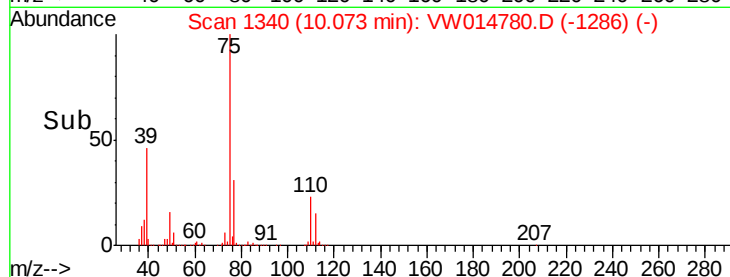
300000

200000

100000

0

Time-->



#43

4-Methyl-2-pentanone

Concen: 59.481 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW014780.D

Acq: 27 Jan 2020 22:17

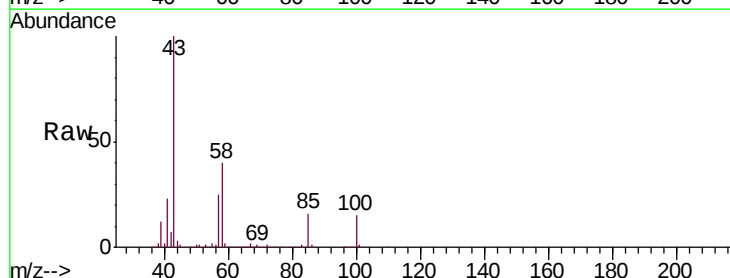
Tgt Ion: 43 Resp: 559551

Ion Ratio Lower Upper

43 100

58 39.0 30.9 46.3

100 14.6 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW

600000

500000

400000

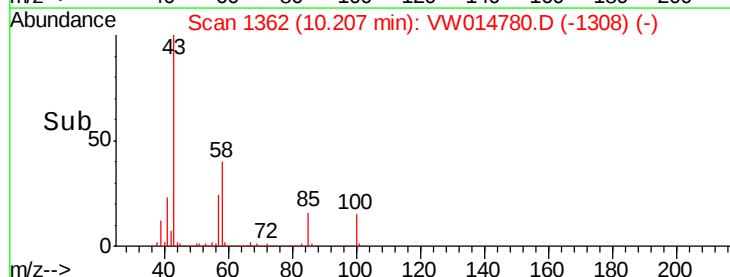
300000

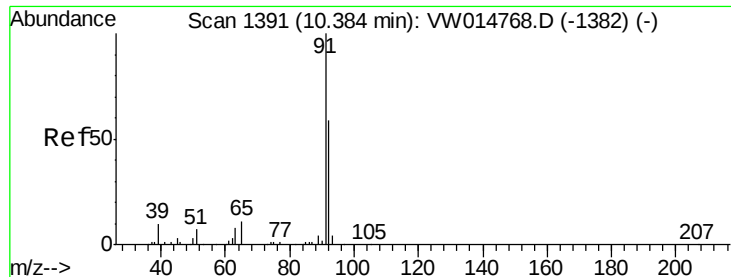
200000

100000

0

Time-->





#44

Toluene

Concen: 27.371 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014780.D

Acq: 27 Jan 2020 22:17

Instrument :

MSVOA_W

ClientSampled :

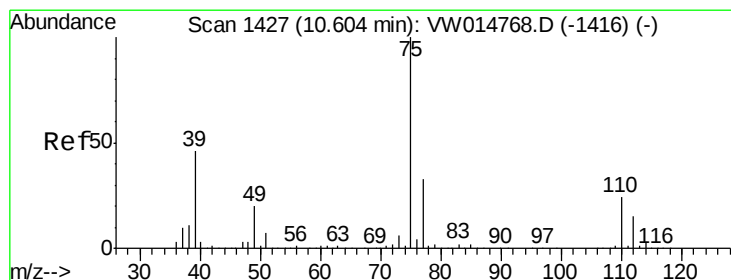
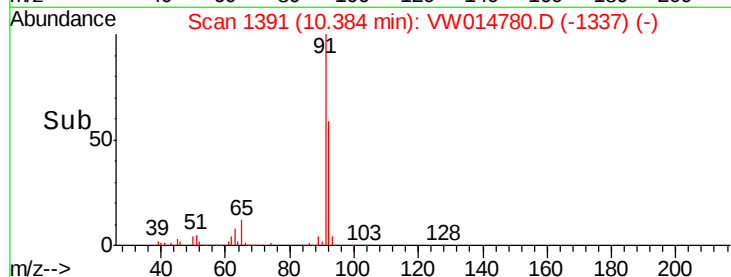
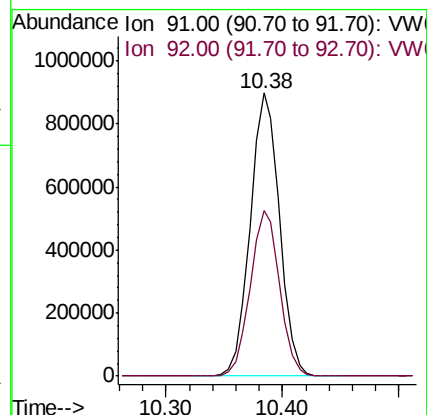
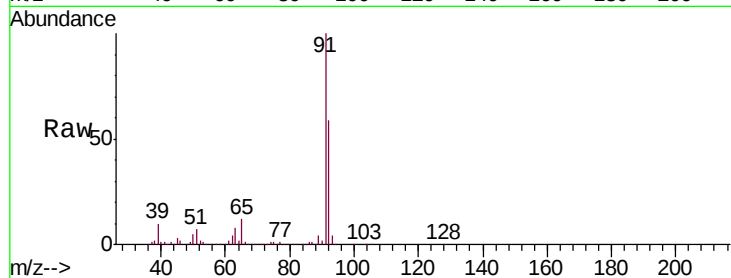
VSTD02525

Tgt Ion: 91 Resp: 1569591

Ion Ratio Lower Upper

91 100

92 58.5 40.7 75.7



#45

trans-1,3-Dichloropropene

Concen: 27.171 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014780.D

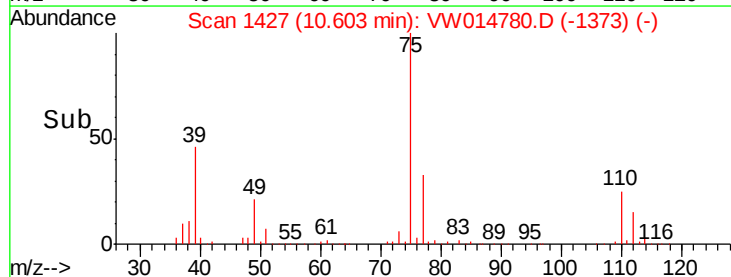
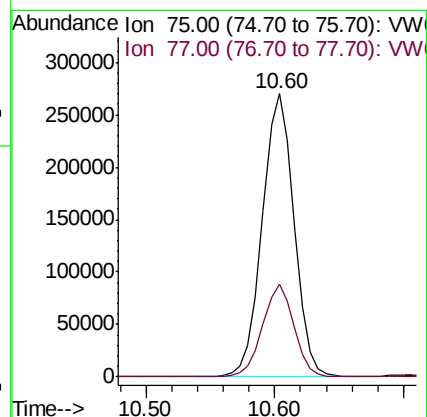
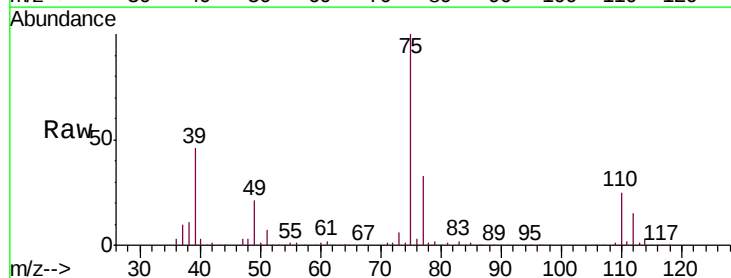
Acq: 27 Jan 2020 22:17

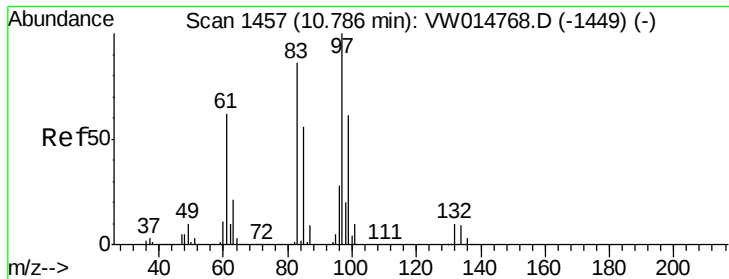
Tgt Ion: 75 Resp: 460906

Ion Ratio Lower Upper

75 100

77 32.8 21.6 40.0





#46

1,1,2-Trichloroethane

Concen: 27.729 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW014780.D

Acq: 27 Jan 2020 22:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD02525

Tgt Ion: 97 Resp: 270807

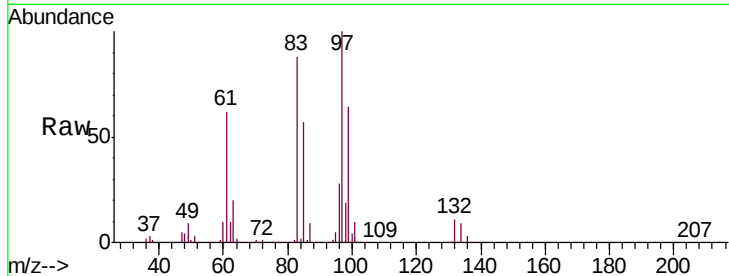
Ion Ratio Lower Upper

97 100

83 87.7 60.9 113.1

85 57.2 39.2 72.8

99 64.0 43.0 80.0

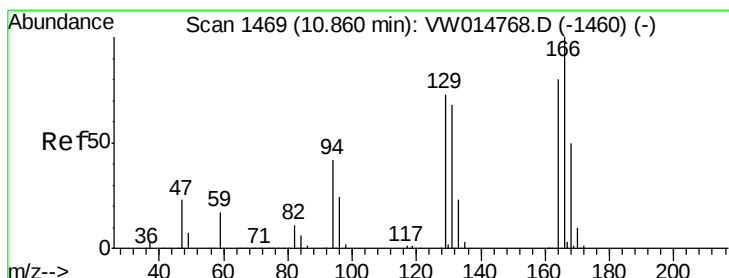
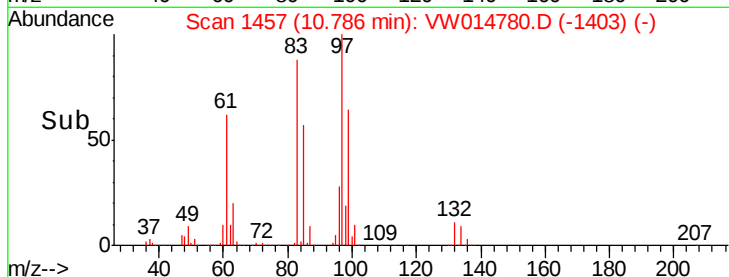
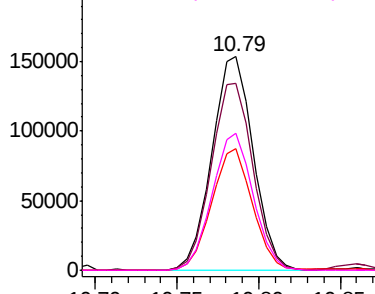


Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47

Tetrachloroethene

Concen: 25.721 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW014780.D

Acq: 27 Jan 2020 22:17

Tgt Ion: 164 Resp: 294637

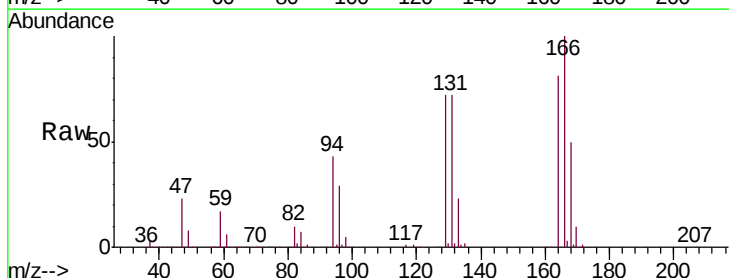
Ion Ratio Lower Upper

164 100

129 88.9 64.4 119.6

131 88.8 61.2 113.6

166 124.0 88.8 165.0

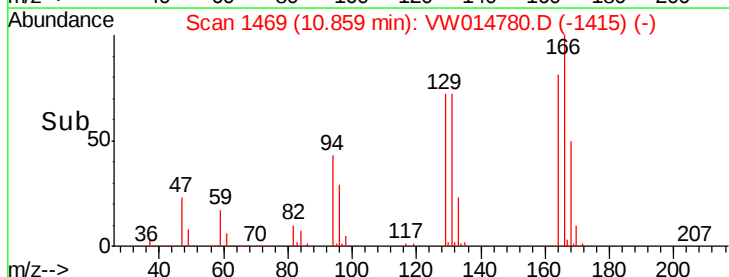
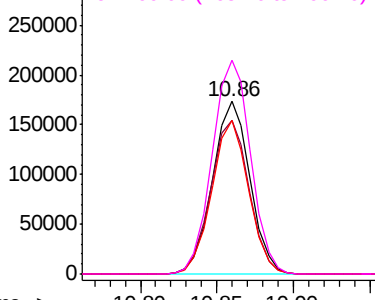


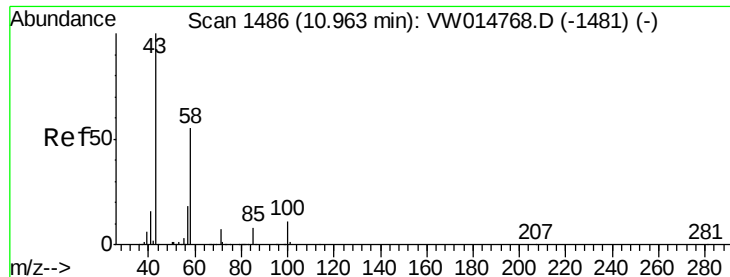
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

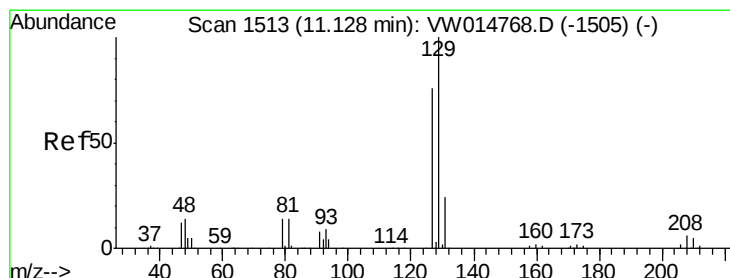
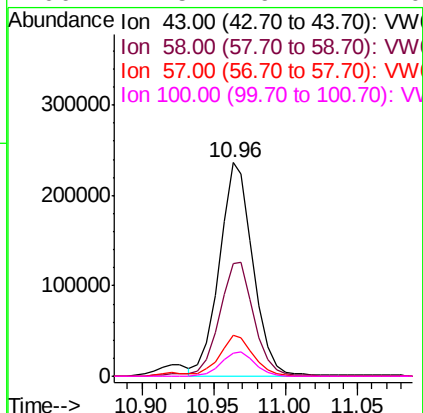
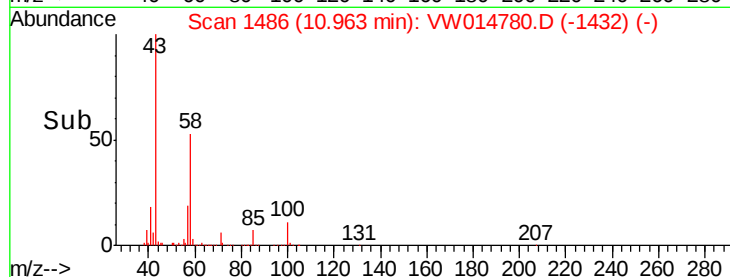
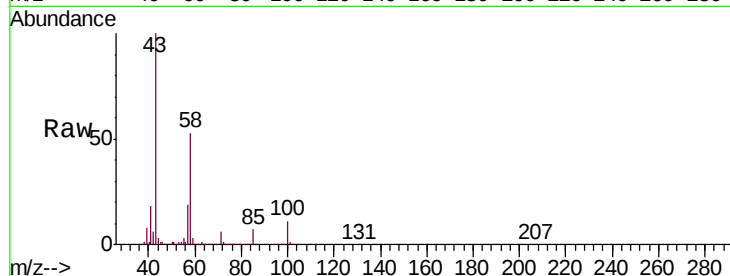




#49
2-Hexanone
Concen: 57.136 ug/L
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014780.D
Acq: 27 Jan 2020 22:17

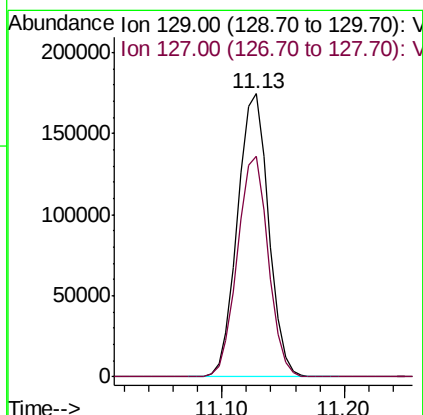
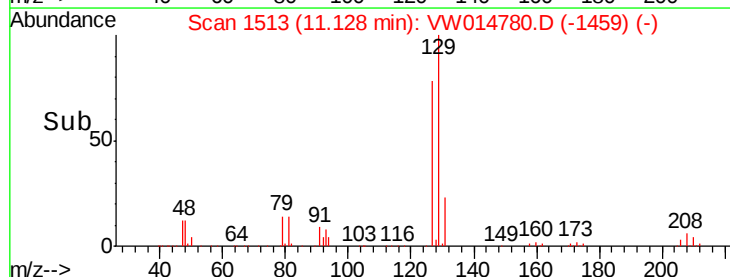
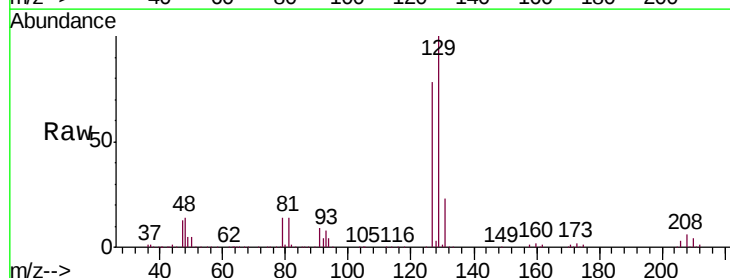
Instrument :
MSVOA_W
ClientSampleId :
VSTD02525

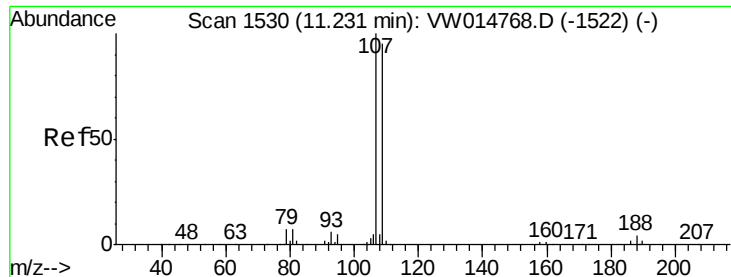
Tgt Ion:	43	Resp:	386436
Ion	Ratio	Lower	Upper
43	100		
58	54.6	43.2	64.8
57	18.8	14.7	22.1
100	11.5	9.4	14.0



#50
Dibromochloromethane
Concen: 27.666 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014780.D
Acq: 27 Jan 2020 22:17

Tgt Ion:	129	Resp:	308289
Ion	Ratio	Lower	Upper
129	100		
127	78.0	55.7	103.5

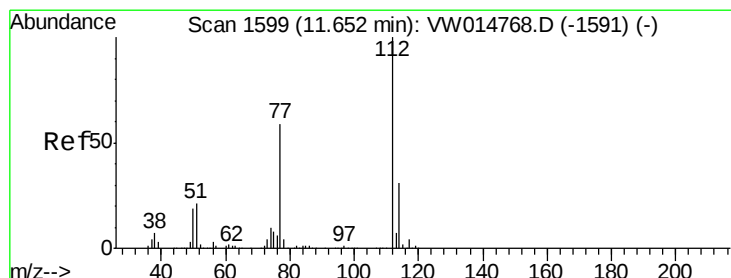
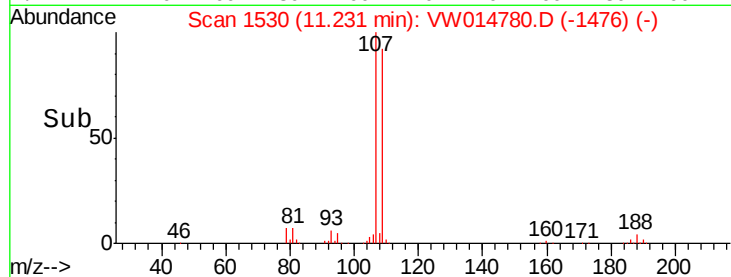
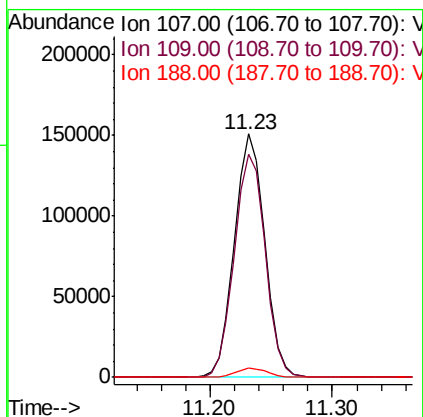
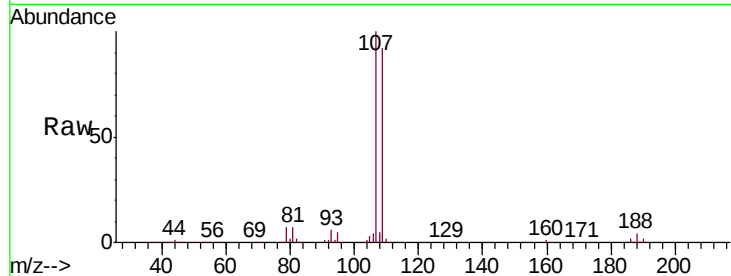




#51
 1,2-Dibromoethane
 Concen: 27.695 ug/L
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW014780.D
 Acq: 27 Jan 2020 22:17

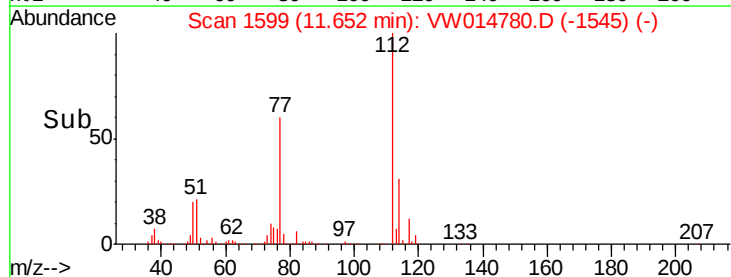
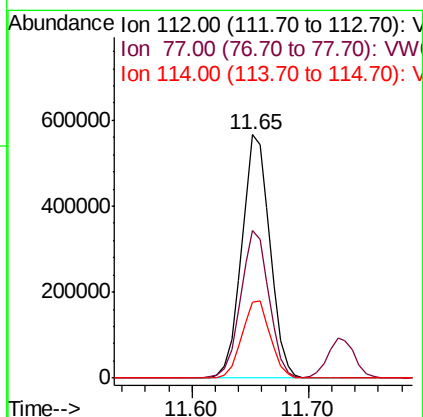
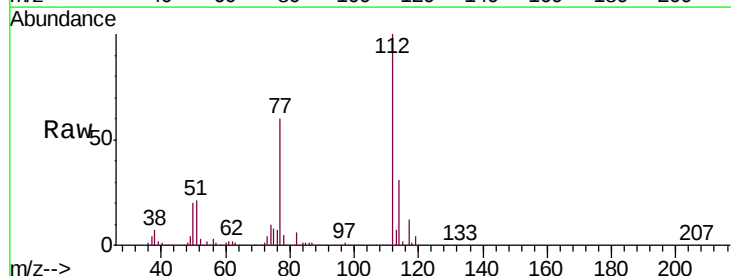
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

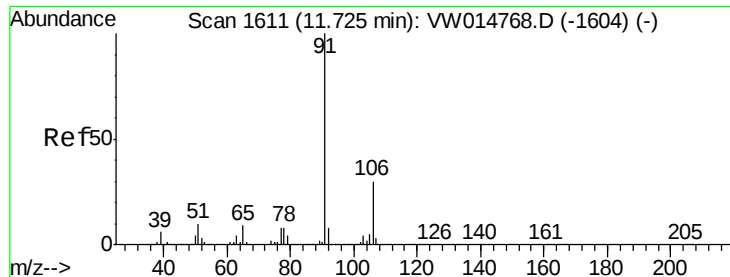
Tgt Ion:107 Resp: 260185
 Ion Ratio Lower Upper
 107 100
 109 91.9 66.6 123.8
 188 4.1 3.0 4.6



#52
 Chlorobenzene
 Concen: 26.698 ug/L
 RT: 11.65 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: VW014780.D
 Acq: 27 Jan 2020 22:17

Tgt Ion:112 Resp: 955974
 Ion Ratio Lower Upper
 112 100
 77 60.4 49.2 73.8
 114 31.4 22.5 41.7





#53

Ethylbenzene

Concen: 27.422 ug/L

RT: 11.73 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VW014780.D

Acq: 27 Jan 2020 22:17

Instrument :

MSVOA_W

ClientSampleId :

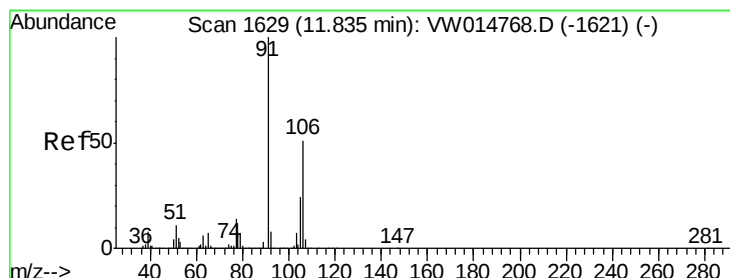
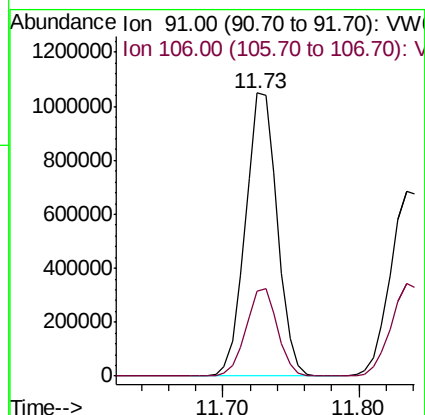
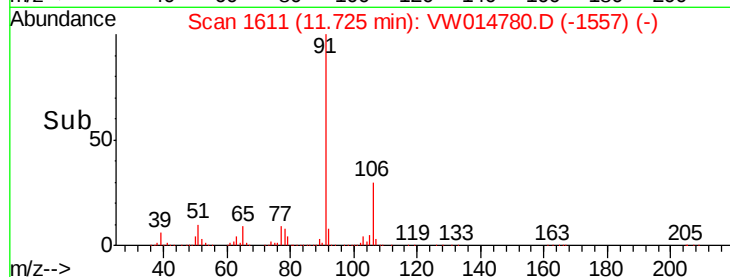
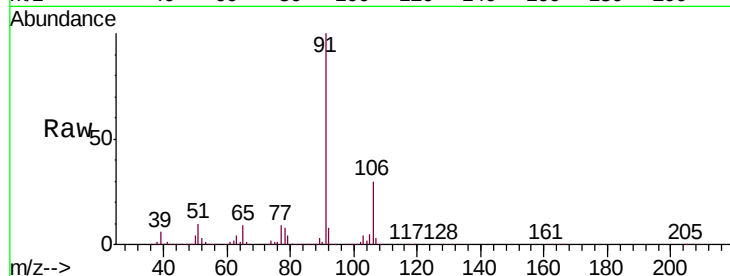
VSTD02525

Tgt Ion: 91 Resp: 1718477

Ion Ratio Lower Upper

91 100

106 30.2 21.1 39.3



#54

m,p-Xylene

Concen: 27.347 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VW014780.D

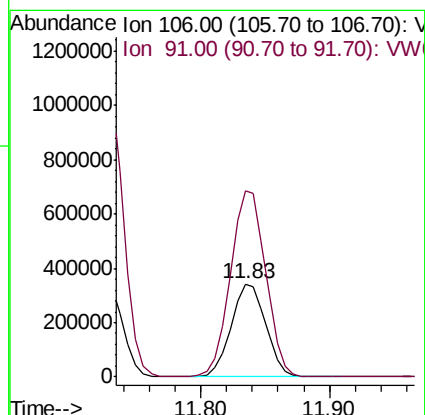
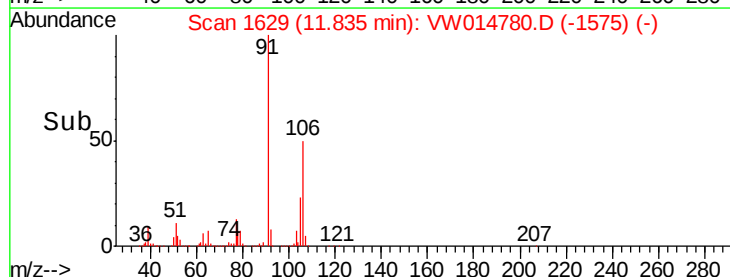
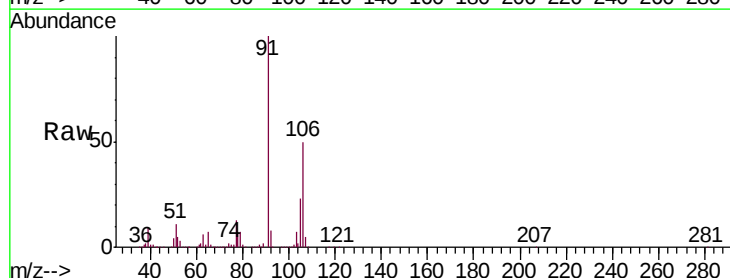
Acq: 27 Jan 2020 22:17

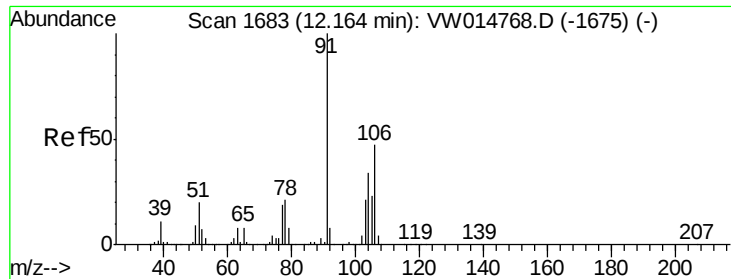
Tgt Ion: 106 Resp: 640616

Ion Ratio Lower Upper

106 100

91 199.0 146.2 271.6

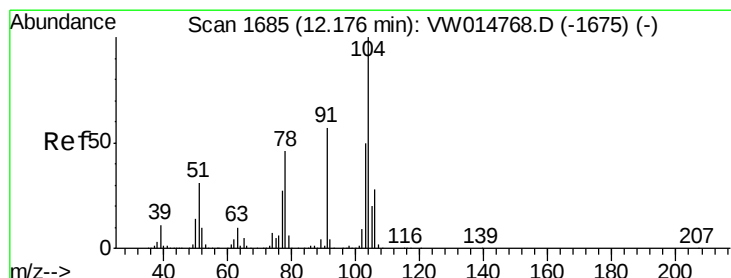
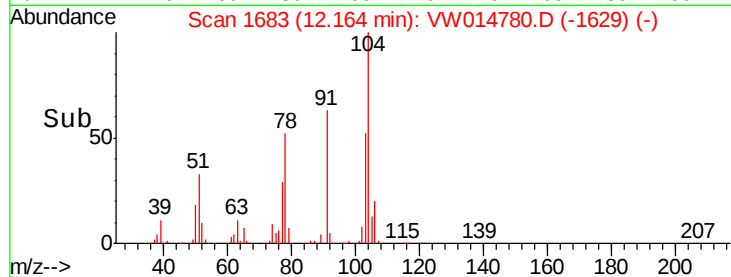
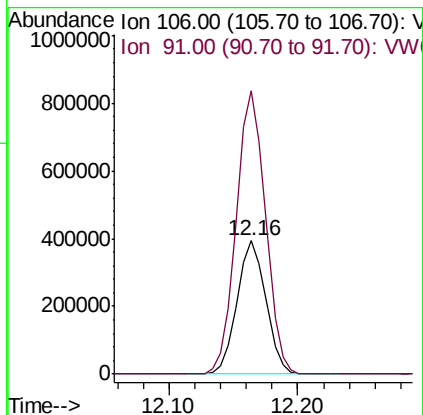
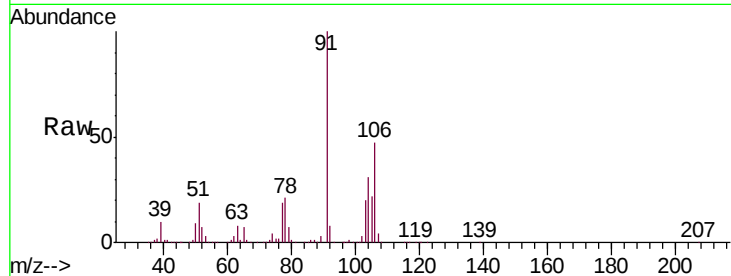




#55
o-xylene
Concen: 27.856 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014780.D
Acq: 27 Jan 2020 22:17

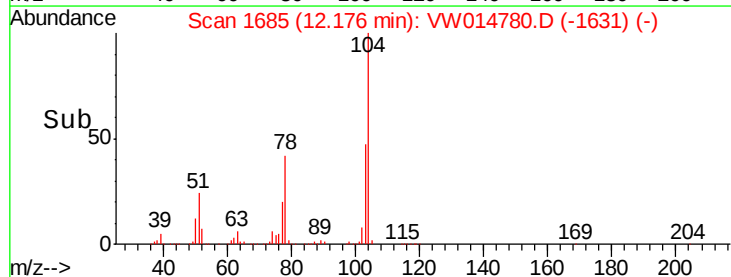
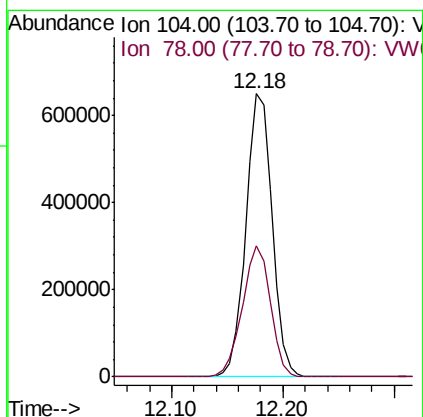
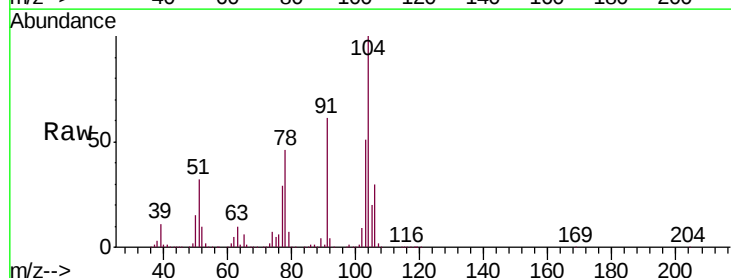
Instrument :
MSVOA_W
ClientSampled :
VSTD02525

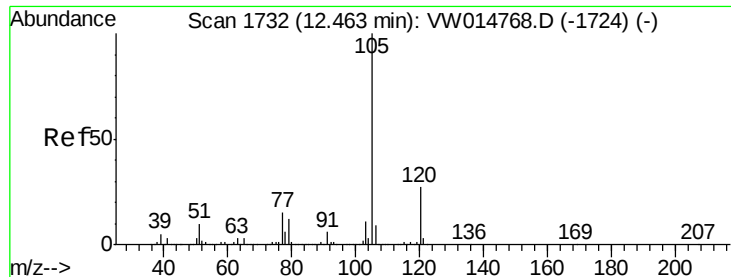
Tgt Ion:106 Resp: 612277
Ion Ratio Lower Upper
106 100
91 212.6 148.7 276.1



#56
Styrene
Concen: 28.608 ug/L
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014780.D
Acq: 27 Jan 2020 22:17

Tgt Ion:104 Resp: 1066447
Ion Ratio Lower Upper
104 100
78 46.3 32.0 59.4





#57

Isopropylbenzene

Concen: 27.332 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014780.D

Acq: 27 Jan 2020 22:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD02525

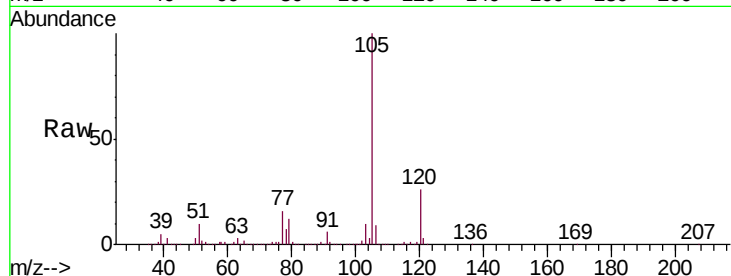
Tgt Ion: 105 Resp: 1627041

Ion Ratio Lower Upper

105 100

120 26.1 21.1 31.7

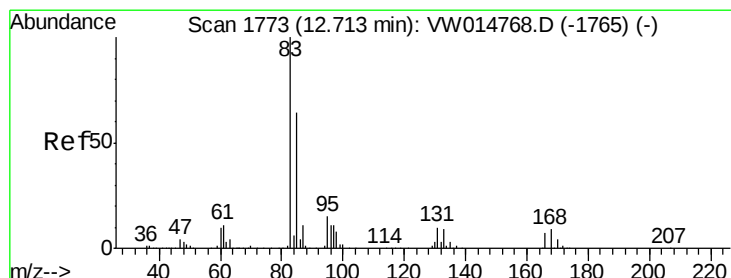
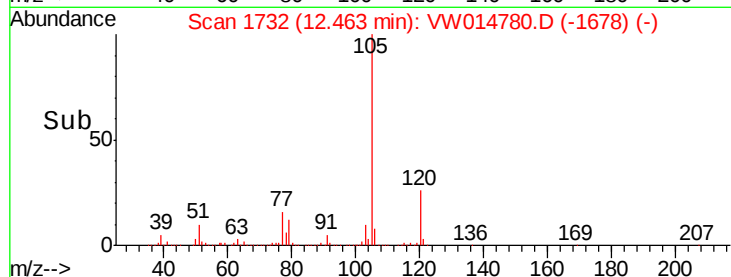
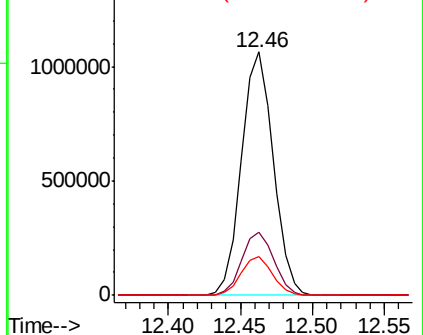
77 15.7 13.0 19.4



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: 27.365 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014780.D

Acq: 27 Jan 2020 22:17

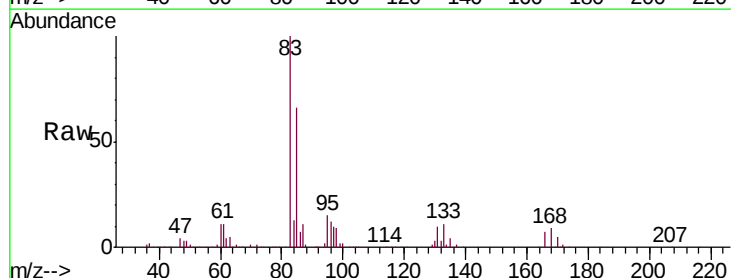
Tgt Ion: 83 Resp: 344338

Ion Ratio Lower Upper

83 100

85 65.8 45.0 83.6

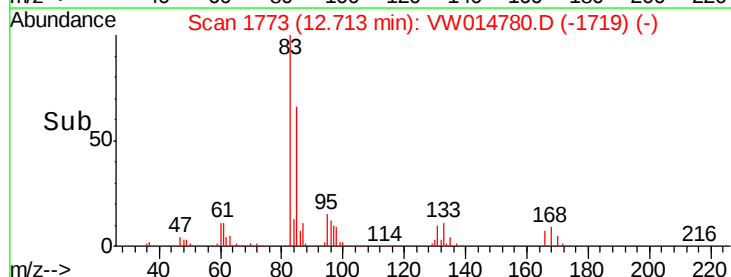
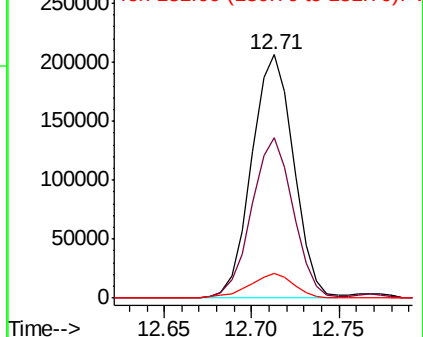
131 10.3 7.6 11.4

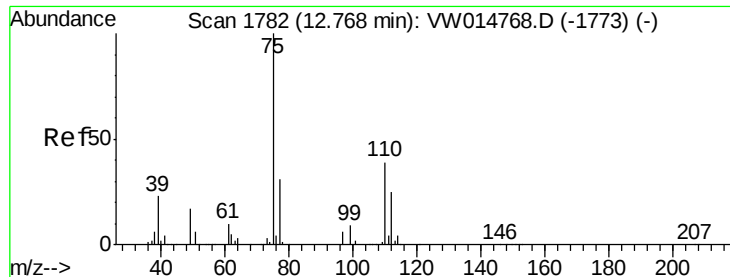


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V

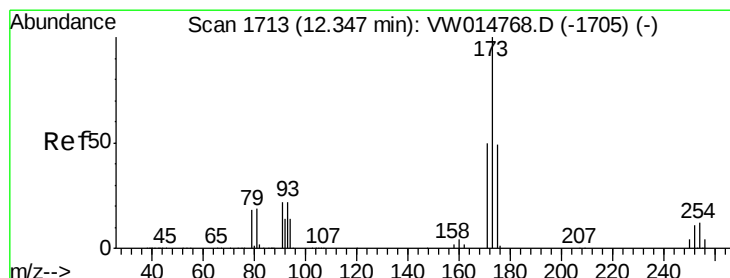
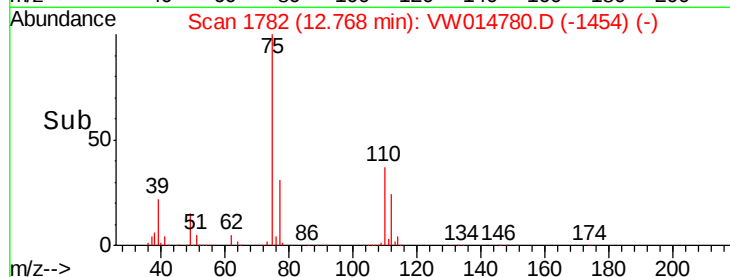
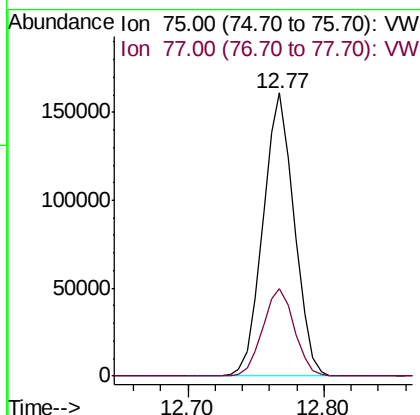
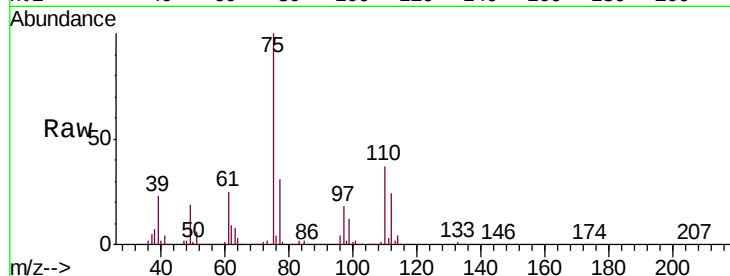




#59
 1,2,3-Trichloropropane
 Concen: 27.358 ug/L
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW014780.D
 Acq: 27 Jan 2020 22:17

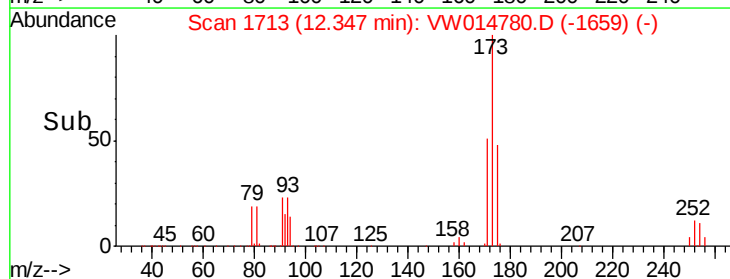
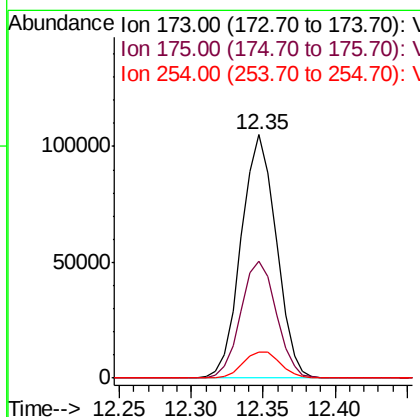
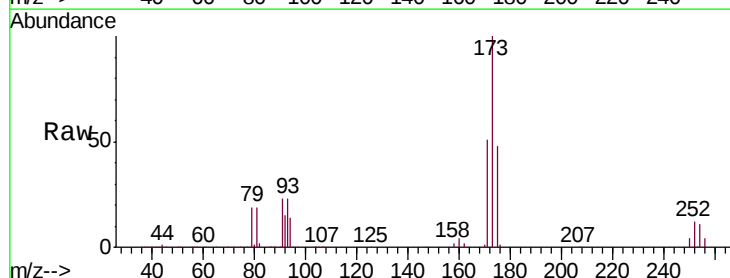
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

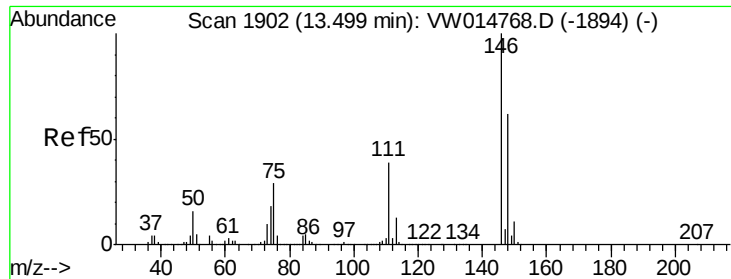
Tgt Ion: 75 Resp: 258594
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.8



#62
 Bromoform
 Concen: 26.180 ug/L
 RT: 12.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: VW014780.D
 Acq: 27 Jan 2020 22:17

Tgt Ion: 173 Resp: 178119
 Ion Ratio Lower Upper
 173 100
 175 48.6 39.8 59.8
 254 11.4 8.9 13.3

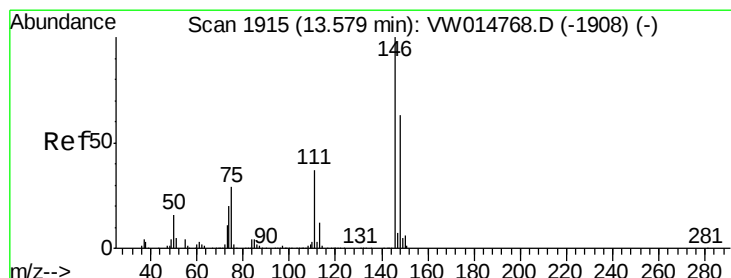
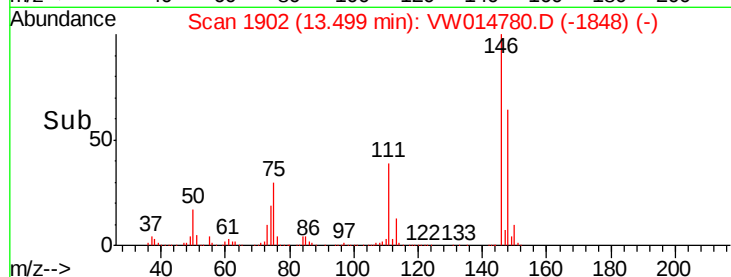
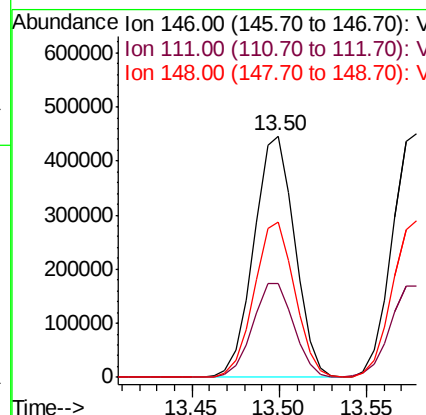
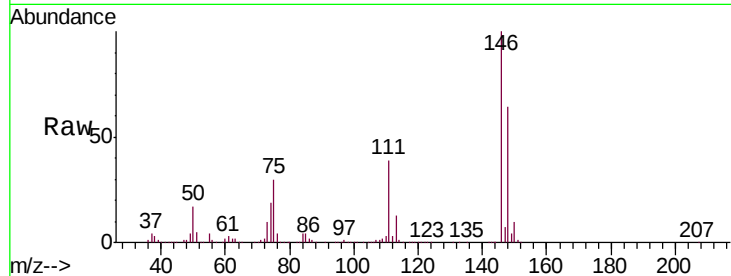




#63
 1,3-Dichlorobenzene
 Concen: 25.875 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW014780.D
 Acq: 27 Jan 2020 22:17

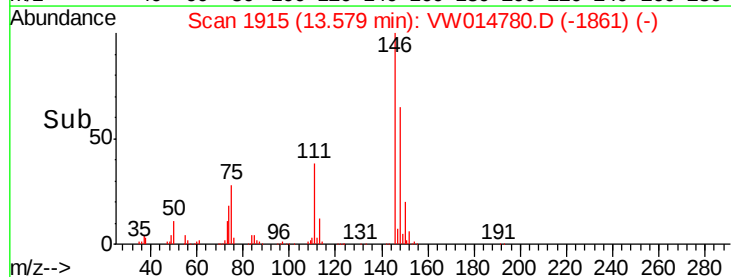
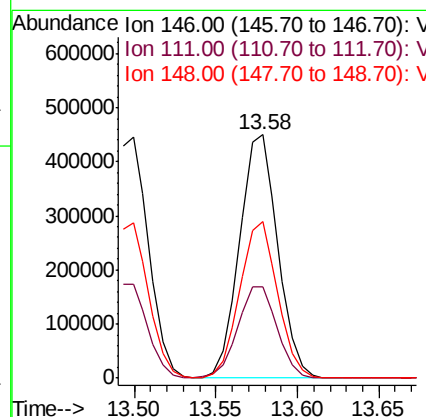
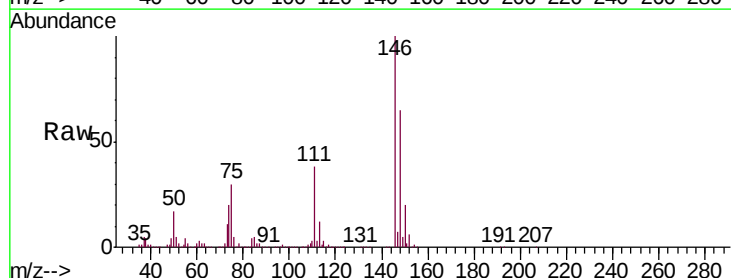
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

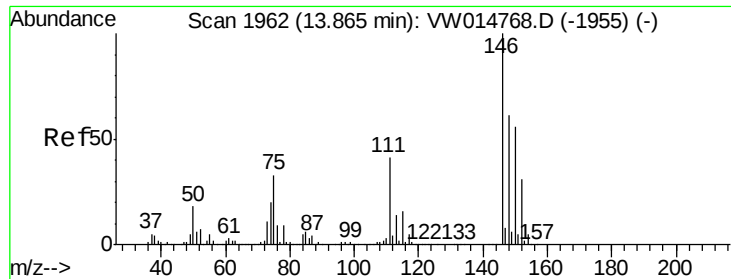
Tgt Ion:146 Resp: 724044
 Ion Ratio Lower Upper
 146 100
 111 38.9 27.1 50.3
 148 64.2 44.5 82.7



#64
 1,4-Dichlorobenzene
 Concen: 26.132 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014780.D
 Acq: 27 Jan 2020 22:17

Tgt Ion:146 Resp: 732852
 Ion Ratio Lower Upper
 146 100
 111 37.6 26.4 49.0
 148 64.5 43.9 81.5

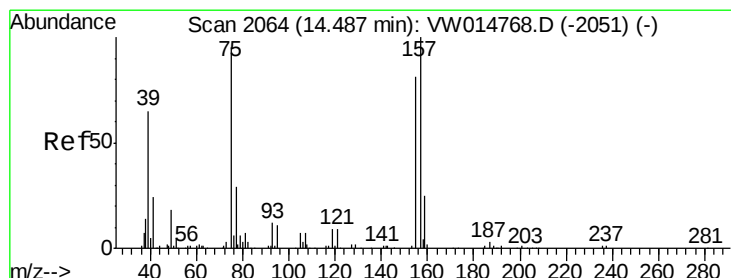
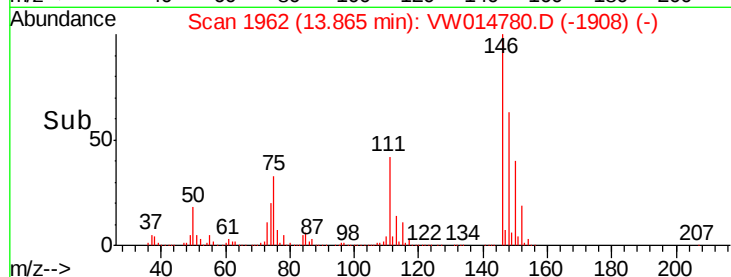
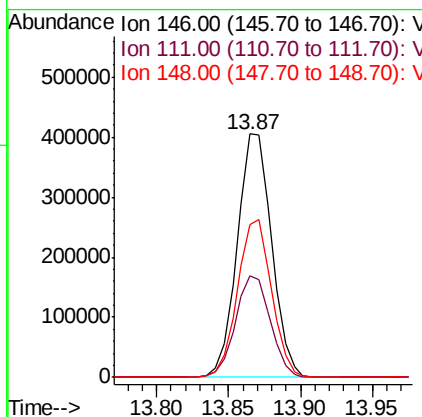
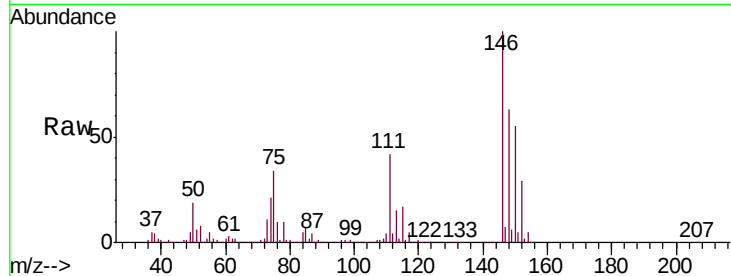




#65
 1,2-Dichlorobenzene
 Concen: 26.407 ug/L
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: VW014780.D
 Acq: 27 Jan 2020 22:17

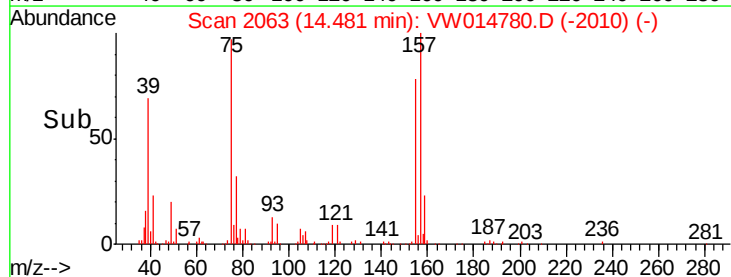
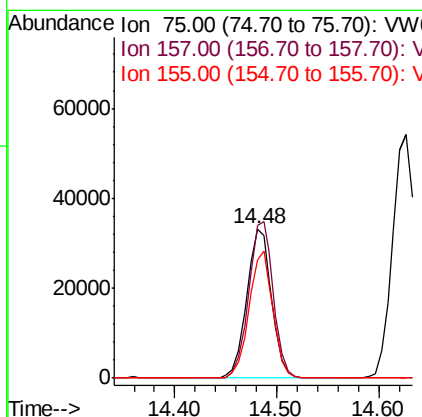
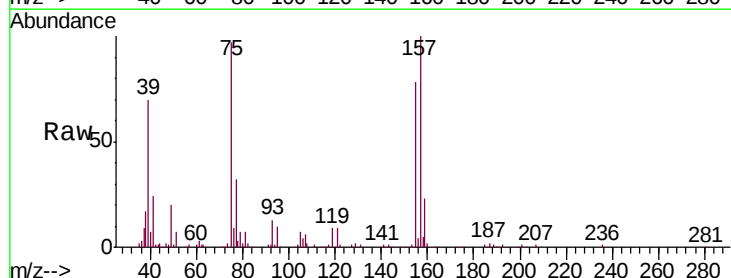
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

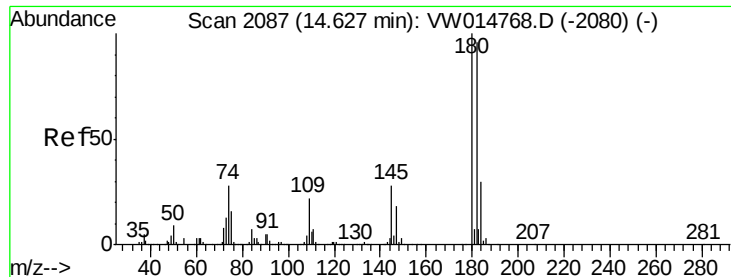
Tgt Ion: 146 Resp: 672108
 Ion Ratio Lower Upper
 146 100
 111 41.6 33.4 50.2
 148 62.7 51.4 77.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 26.918 ug/L
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW014780.D
 Acq: 27 Jan 2020 22:17

Tgt Ion: 75 Resp: 56193
 Ion Ratio Lower Upper
 75 100
 157 102.7 84.9 127.3
 155 79.8 67.1 100.7

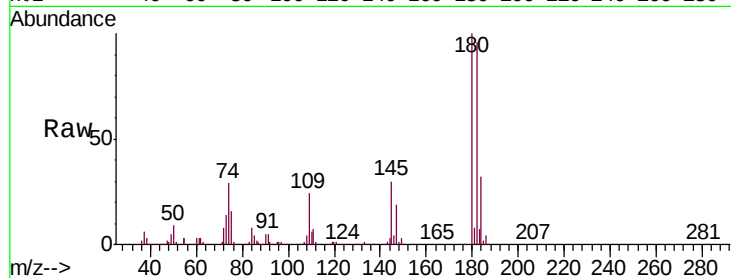




#67
 1,3,5-Trichlorobenzene
 Concen: 25.485 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: VW014780.D
 Acq: 27 Jan 2020 22:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

Tgt Ion:	180	Resp:	528209
Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.2	114.4
184	30.6	24.2	36.4
145	28.7	22.8	34.2



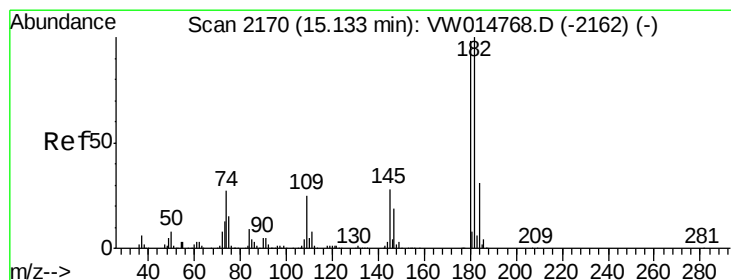
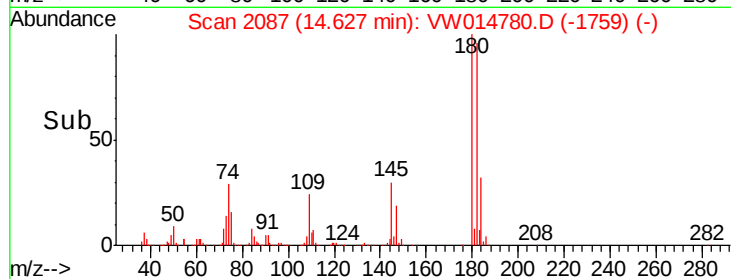
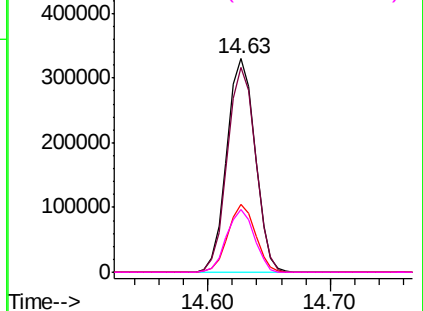
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

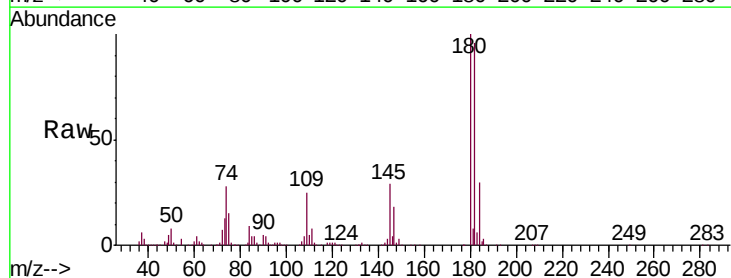
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 28.041 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014780.D
 Acq: 27 Jan 2020 22:17

Tgt Ion:	180	Resp:	431302
Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.2	115.8
145	29.0	23.3	34.9

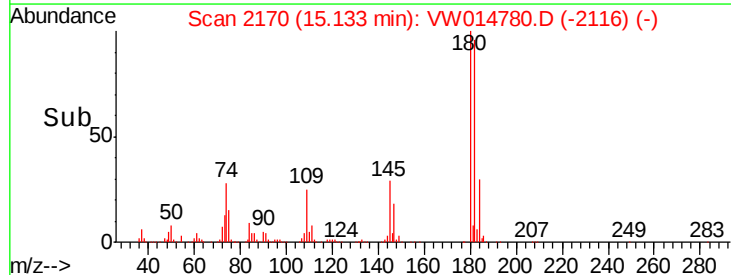
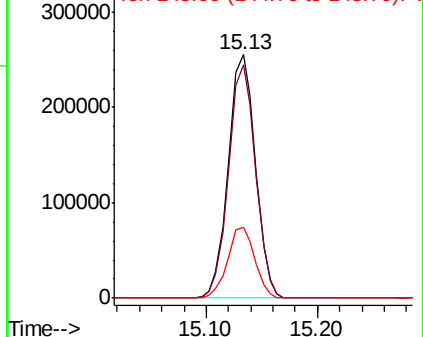


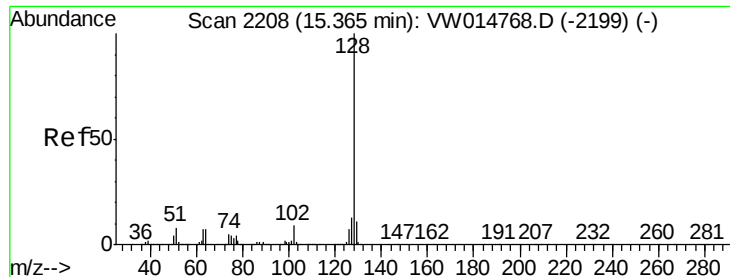
Abundance

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: 32.018 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW014780.D

Acq: 27 Jan 2020 22:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD02525

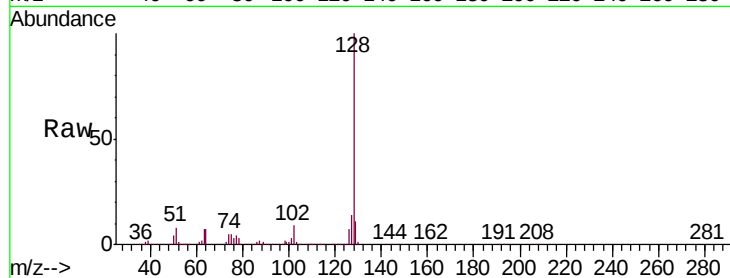
Tgt Ion:128 Resp: 890700

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

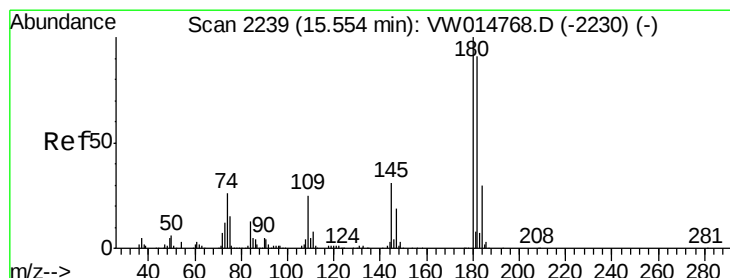
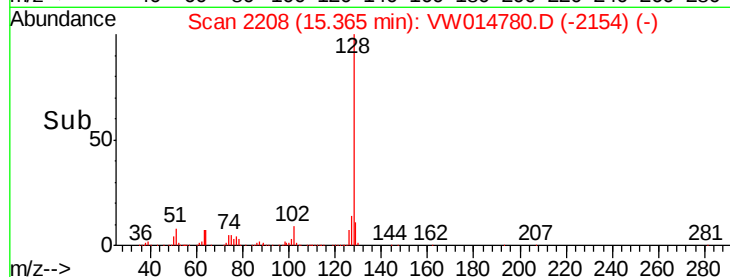
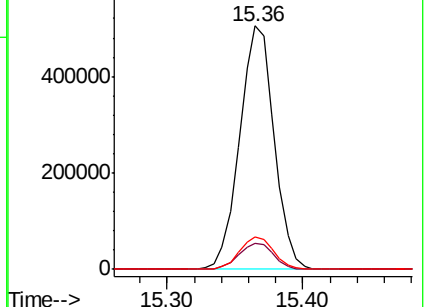
127 13.2 10.5 15.7



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



#70

1,2,3-Trichlorobenzene

Concen: 29.064 ug/L

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW014780.D

Acq: 27 Jan 2020 22:17

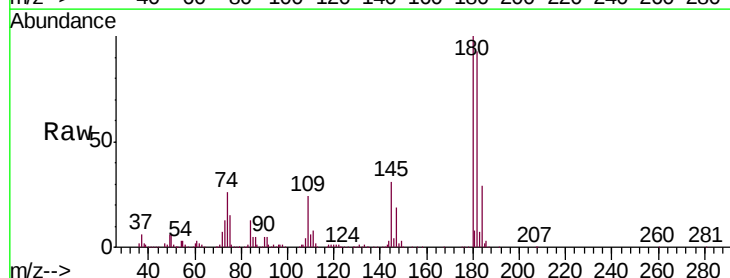
Tgt Ion:180 Resp: 409866

Ion Ratio Lower Upper

180 100

182 93.0 75.8 113.6

145 29.9 24.3 36.5



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

