

Data File : VW011160.D
Acq On : 08 Jul 2019 12:55
Operator : SY/VA
Sample : VSTDIC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Quant Time: Jul 09 05:51:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 05:44:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	391368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	167818	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	424248	143.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.98%	
35) Dibromofluoromethane	7.88	113	335138	143.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.34%	
50) Toluene-d8	10.32	98	1367179	144.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.98%	
62) 4-Bromofluorobenzene	12.62	95	501752	145.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	244266	139.188	ug/l	99
3) Chloromethane	2.21	50	333981	147.692	ug/l	97
4) Vinyl Chloride	2.36	62	401623	135.694	ug/l	97
5) Bromomethane	2.76	94	203807	137.035	ug/l	97
6) Chloroethane	2.91	64	229876	144.196	ug/l	98
7) Trichlorofluoromethane	3.24	101	161511	153.607	ug/l	99
8) Diethyl Ether	3.67	74	220408	151.499	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	353551	140.379	ug/l	100
10) Methyl Iodide	4.27	142	514270	148.464	ug/l	99
11) Tert butyl alcohol	5.17	59	159983	730.830	ug/l	97
12) 1,1-Dichloroethene	4.04	96	381089	145.786	ug/l	96
13) Acrolein	3.89	56	137559	789.149	ug/l	99
14) Allyl chloride	4.66	41	684423	143.582	ug/l	98
15) Acrylonitrile	5.36	53	554663	748.595	ug/l	100
16) Acetone	4.12	43	508136	714.255	ug/l	100
17) Carbon Disulfide	4.38	76	1162856	146.735	ug/l	99
18) Methyl Acetate	4.66	43	299372	134.560	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	568448	143.318	ug/l	99
20) Methylene Chloride	4.91	84	397457	141.620	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	400363	147.398	ug/l	97
22) Diisopropyl ether	6.31	45	1502552	146.555	ug/l	96
23) Vinyl Acetate	6.25	43	5054554	796.625	ug/l	99
24) 1,1-Dichloroethane	6.21	63	800509	148.691	ug/l	99
25) 2-Butanone	7.16	43	855389	765.968	ug/l	99
26) 2,2-Dichloropropane	7.16	77	387393	138.428	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	437974	149.478	ug/l	99
28) Bromochloromethane	7.51	49	346395	141.503	ug/l #	100
29) Tetrahydrofuran	7.52	42	559422	763.968	ug/l	100
30) Chloroform	7.67	83	718984	144.205	ug/l	98
31) Cyclohexane	7.95	56	780039	136.192	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	546931	144.205	ug/l	100
36) 1,1-Dichloropropene	8.08	75	598393	143.579	ug/l	100
37) Ethyl Acetate	7.25	43	366451	146.342	ug/l	100
38) Carbon Tetrachloride	8.06	117	520279	147.260	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	730328	144.578	ug/l	99
40) Benzene	8.32	78	1658146	143.962	ug/l	99
41) Methacrylonitrile	7.48	41	214900	150.053	ug/l	98
42) 1,2-Dichloroethane	8.40	62	542204	145.116	ug/l	100
43) Isopropyl Acetate	8.42	43	728880	154.174	ug/l	99
44) Trichloroethene	9.09	130	406530	146.672	ug/l	100
45) 1,2-Dichloropropane	9.37	63	462406	148.254	ug/l	99
46) Dibromomethane	9.46	93	217465	148.425	ug/l	99
47) Bromodichloromethane	9.64	83	569024	151.786	ug/l	100
48) Methyl methacrylate	9.43	41	364620	160.311	ug/l	100
49) 1,4-Dioxane	9.45	88	72140	2949.785	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	1898571	768.778	ug/l	100
52) Toluene	10.38	92	1029457	147.341	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	628333	157.461	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	722906	153.911	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	305985	147.210	ug/l	98
56) Ethyl methacrylate	10.65	69	505763	159.821	ug/l	99
57) 1,3-Dichloropropane	10.93	76	588247	149.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	1182579	806.073	ug/l	99
59) 2-Hexanone	10.97	43	1334312	779.085	ug/l	99
60) Dibromochloromethane	11.13	129	359451	157.704	ug/l	99
61) 1,2-Dibromoethane	11.23	107	298037	151.375	ug/l	100
64) Tetrachloroethene	10.86	164	335269	140.132	ug/l	98
65) Chlorobenzene	11.66	112	1043056	144.694	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	377112	148.576	ug/l	99
67) Ethyl Benzene	11.73	91	2014373	145.969	ug/l	99
68) m/p-Xylenes	11.84	106	1451043	290.592	ug/l	99
69) o-Xylene	12.16	106	689897	146.588	ug/l	100
70) Styrene	12.18	104	1214290	149.500	ug/l	100
71) Bromoform	12.35	173	209604	155.319	ug/l #	99
73) Isopropylbenzene	12.46	105	1858457	148.143	ug/l	99
74) N-amyl acetate	12.27	43	686080	157.030	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	382683	148.814	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	514640	264.650	ug/l #	100
77) Bromobenzene	12.75	156	419391	148.967	ug/l	99
78) n-propylbenzene	12.80	91	2255646	145.962	ug/l	99
79) 2-Chlorotoluene	12.89	91	1303871	146.620	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1558813	146.262	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	138472	161.496	ug/l	96
82) 4-Chlorotoluene	12.99	91	1346152	145.334	ug/l	100
83) tert-Butylbenzene	13.21	119	1300664	146.333	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1560616	145.831	ug/l	100
85) sec-Butylbenzene	13.38	105	1846384	143.962	ug/l	99
86) p-Isopropyltoluene	13.50	119	1661977	144.477	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	784506	144.832	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	775564	142.188	ug/l	99
89) n-Butylbenzene	13.82	91	1659737	144.632	ug/l	99
90) Hexachloroethane	14.10	117	313241	149.014	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	697978	142.036	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	67341	147.634	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070819\
Quantitation Report (Not Reviewed)

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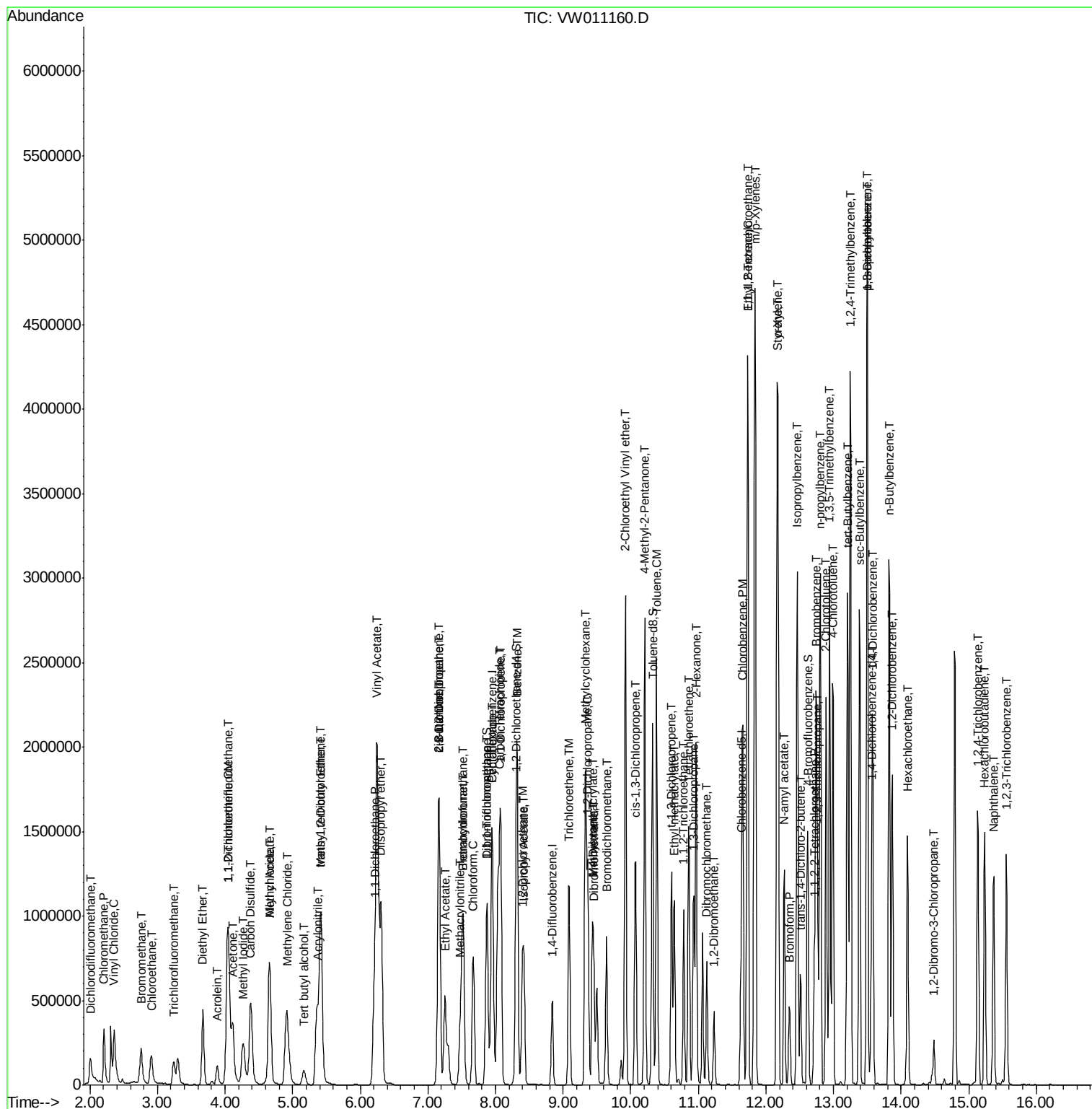
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	501494	148.165	ug/l	97
94) Hexachlorobutadiene	15.24	225	284820	137.065	ug/l	99
95) Naphthalene	15.37	128	1025342	158.085	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	444703	148.870	ug/l	99

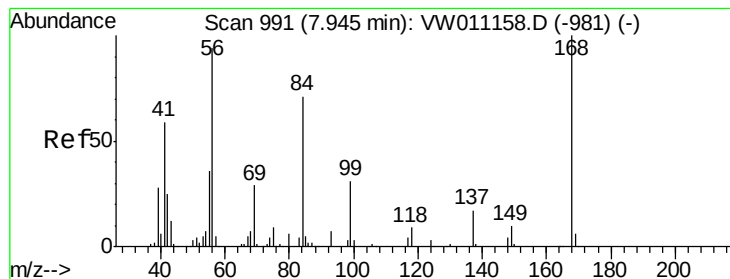
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VSTDIC150

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

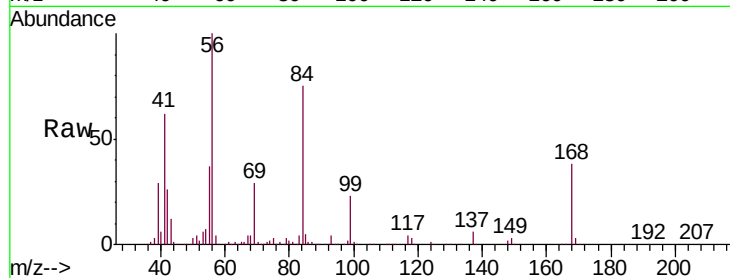
VSTDIC150

Tgt Ion:168 Resp: 235307

Ion Ratio Lower Upper

168 100

99 59.2 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

150000

100000

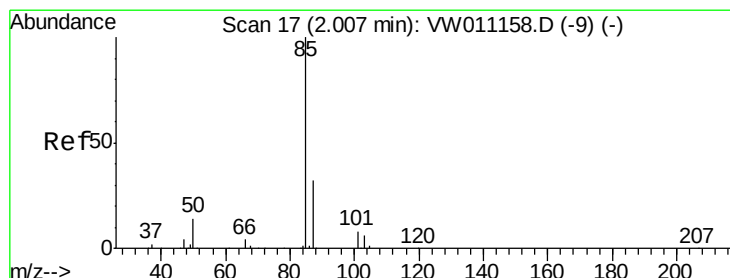
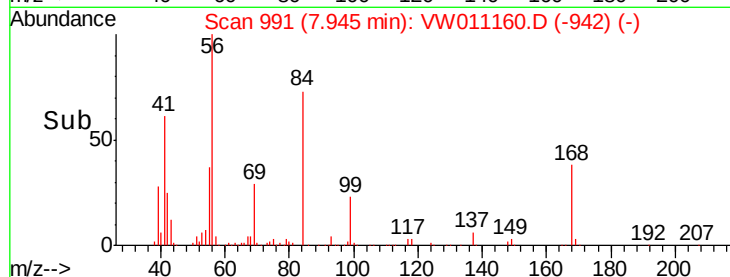
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 139.188 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW011160.D

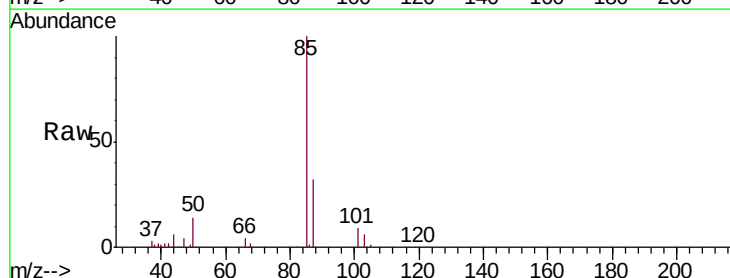
Acq: 08 Jul 2019 12:55

Tgt Ion: 85 Resp: 244266

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

80000

60000

40000

20000

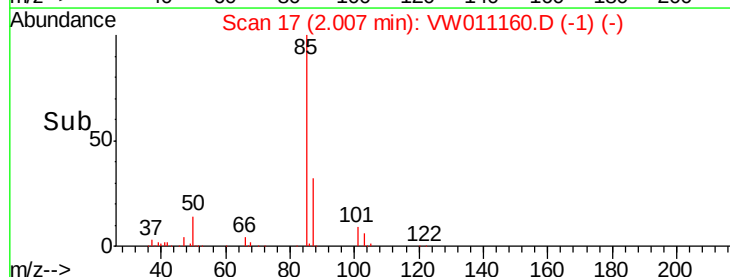
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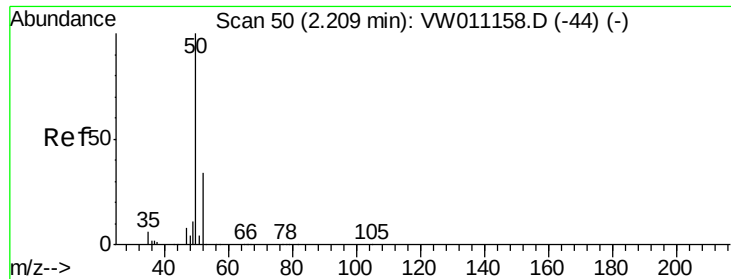
2.00

2.20

2.40

Time-->





#3

Chloromethane

Concen: 147.692 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

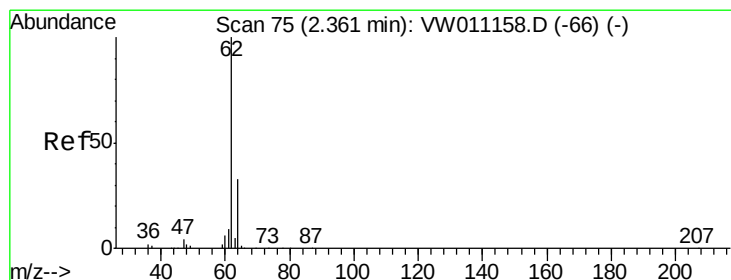
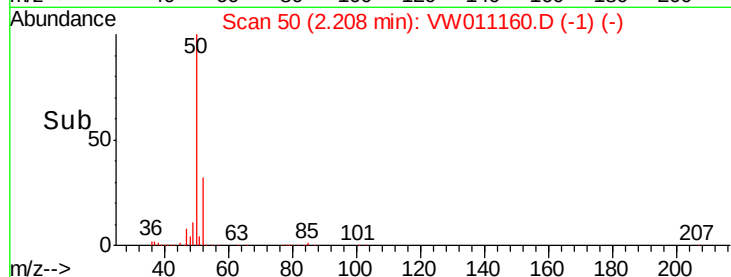
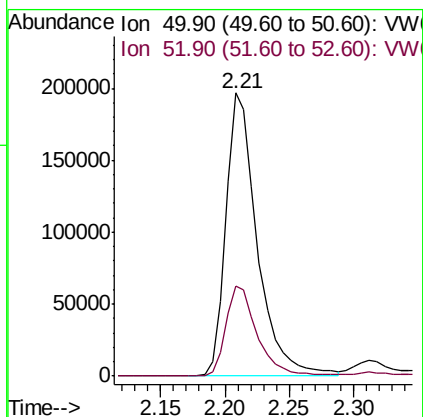
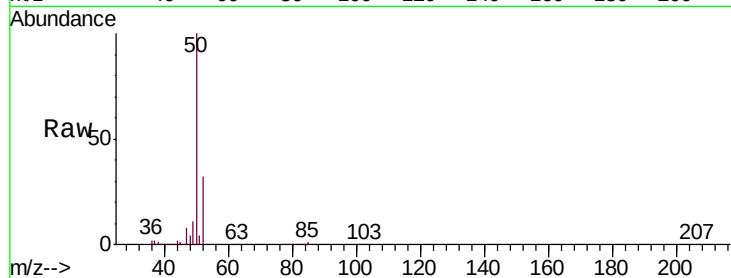
VSTDIC150

Tgt Ion: 50 Resp: 333981

Ion Ratio Lower Upper

50 100

52 31.7 26.9 40.3



#4

Vinyl Chloride

Concen: 135.694 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011160.D

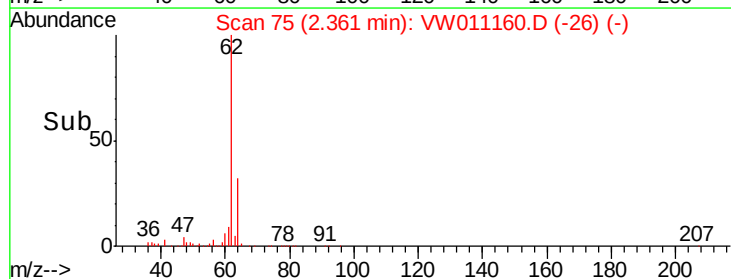
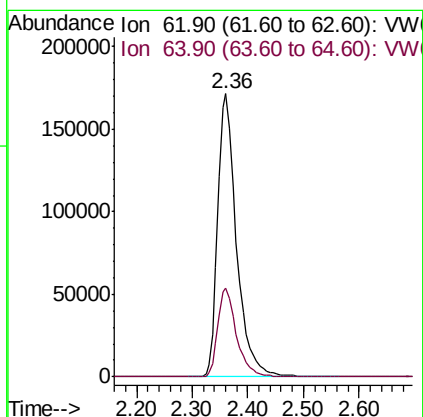
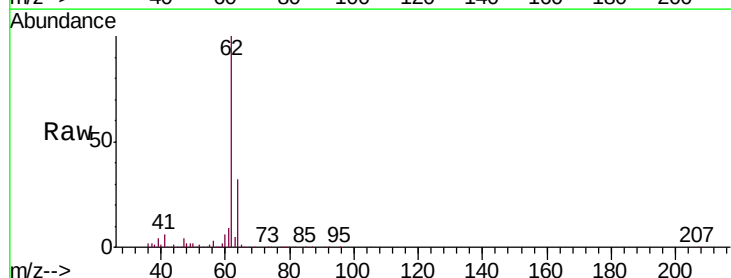
Acq: 08 Jul 2019 12:55

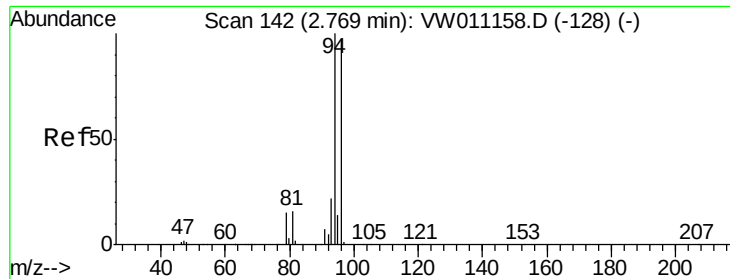
Tgt Ion: 62 Resp: 401623

Ion Ratio Lower Upper

62 100

64 31.6 26.6 40.0





#5

Bromomethane

Concen: 137.035 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

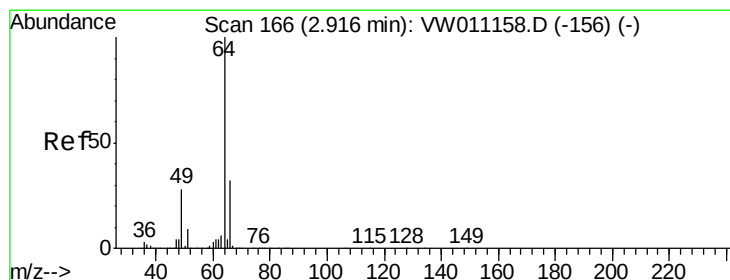
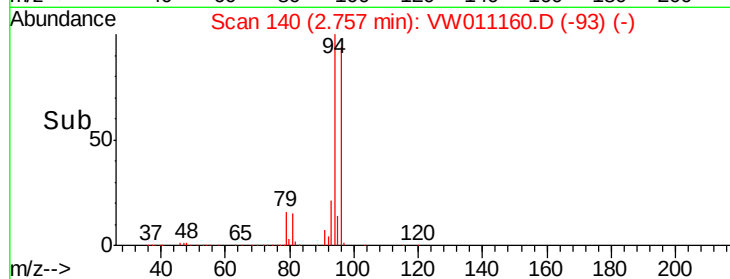
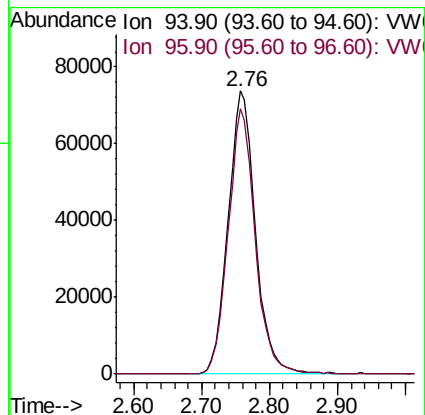
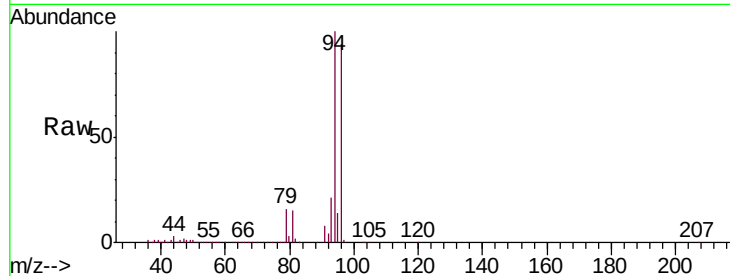
VSTDIC150

Tgt Ion: 94 Resp: 203807

Ion Ratio Lower Upper

94 100

96 94.1 77.4 116.0



#6

Chloroethane

Concen: 144.196 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW011160.D

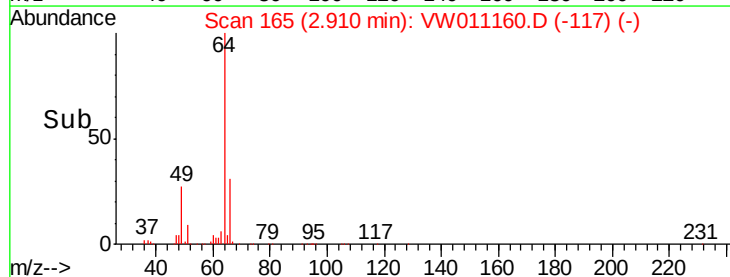
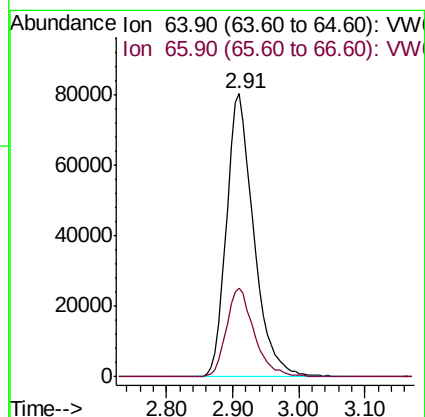
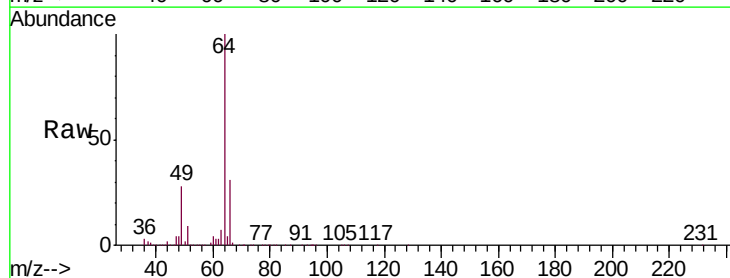
Acq: 08 Jul 2019 12:55

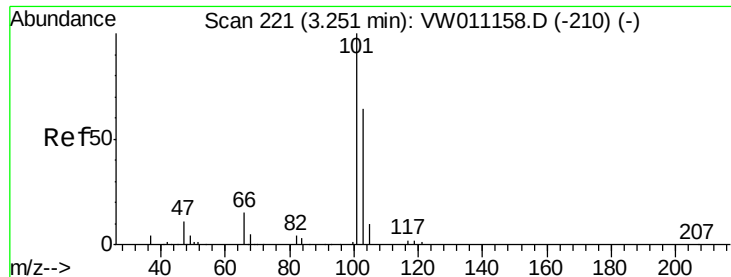
Tgt Ion: 64 Resp: 229876

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.8



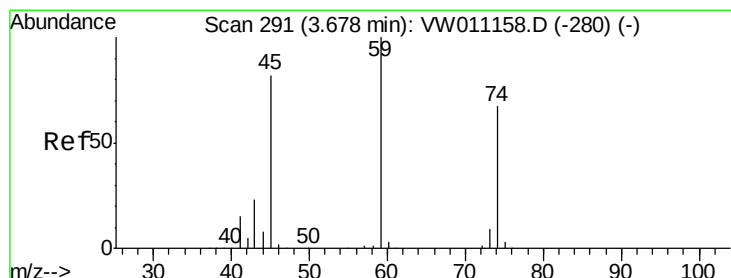
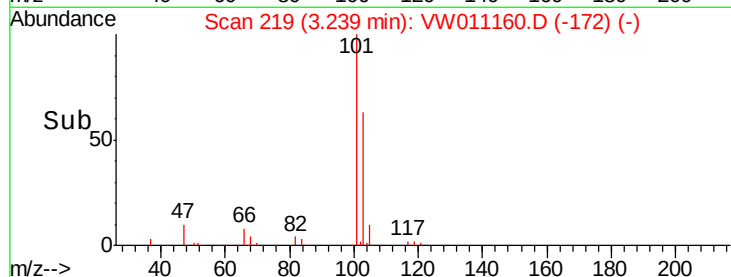
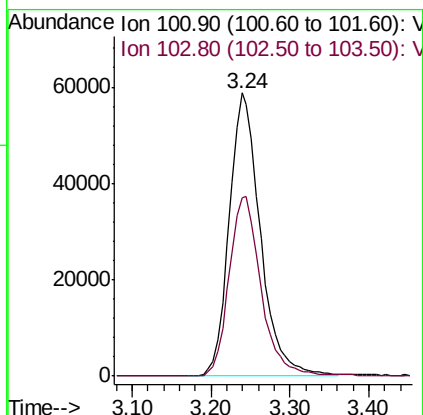
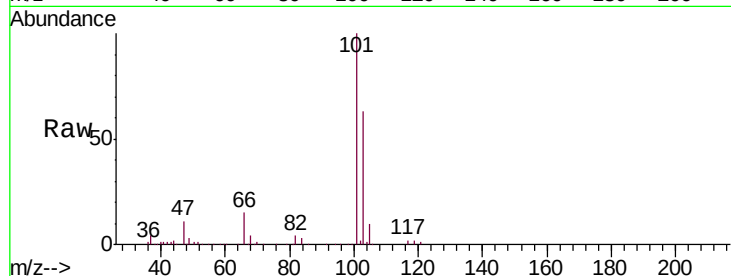


#7

Trichlorofluoromethane
 Concen: 153.607 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.01 min
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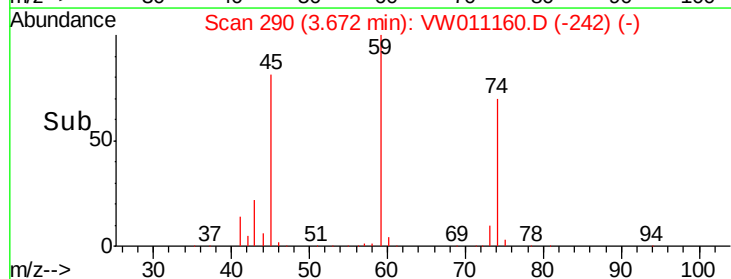
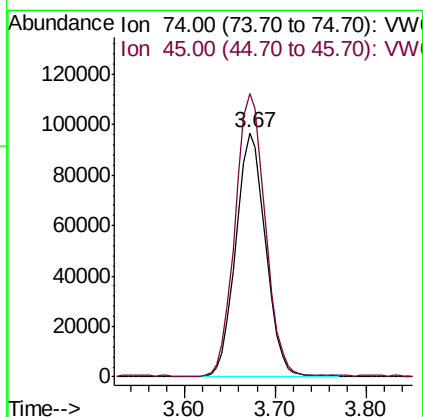
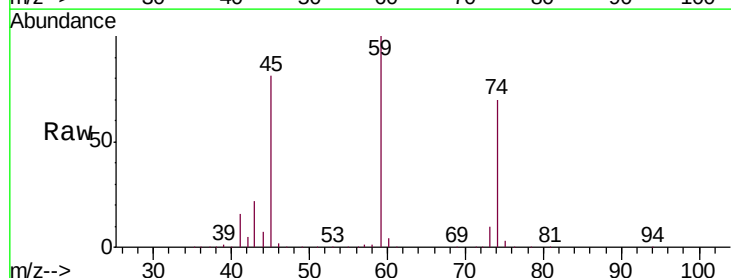
Tgt Ion: 101 Resp: 161511
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.3 76.9

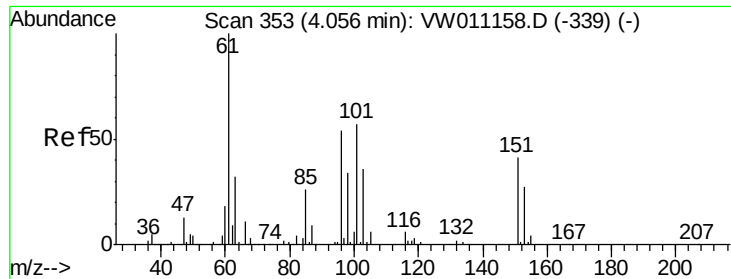


#8

Diethyl Ether
 Concen: 151.499 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

Tgt Ion: 74 Resp: 220408
 Ion Ratio Lower Upper
 74 100
 45 117.2 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 140.379 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

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MSVOA_W

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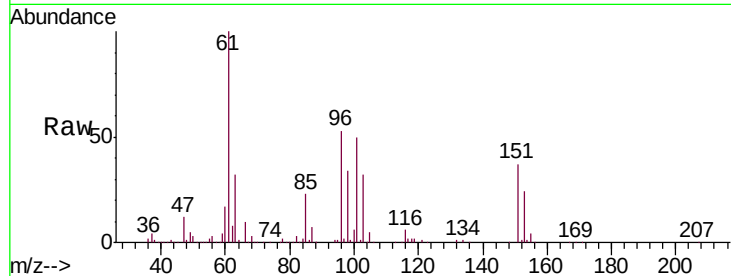
Tgt Ion:101 Resp: 353551

Ion Ratio Lower Upper

101 100

85 45.4 36.5 54.7

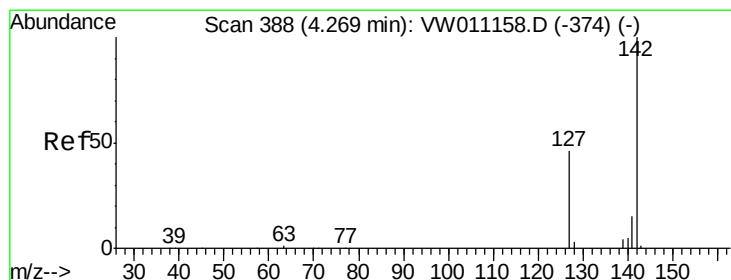
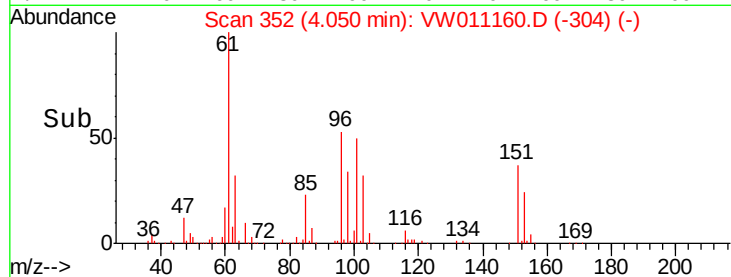
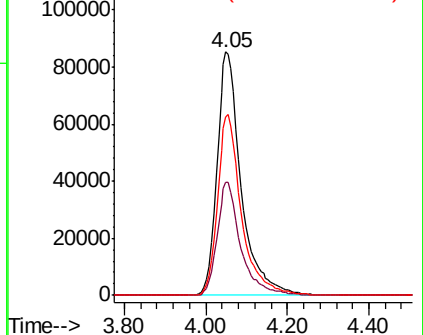
151 73.6 59.1 88.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 148.464 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

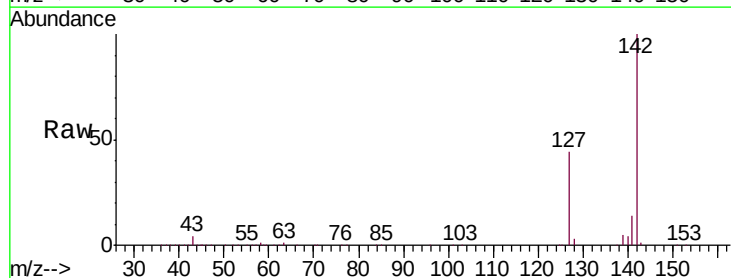
Tgt Ion:142 Resp: 514270

Ion Ratio Lower Upper

142 100

127 44.0 35.7 53.5

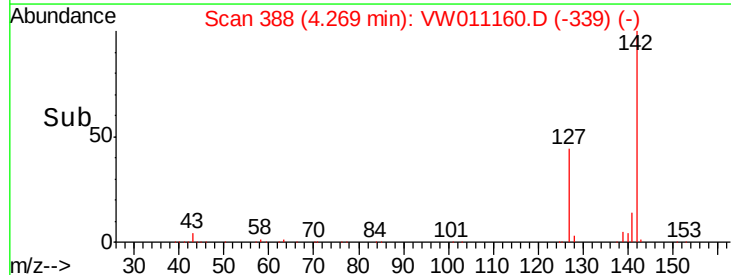
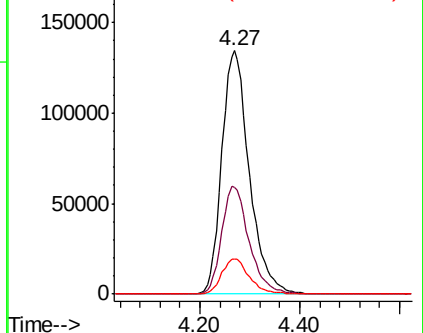
141 14.5 11.5 17.3

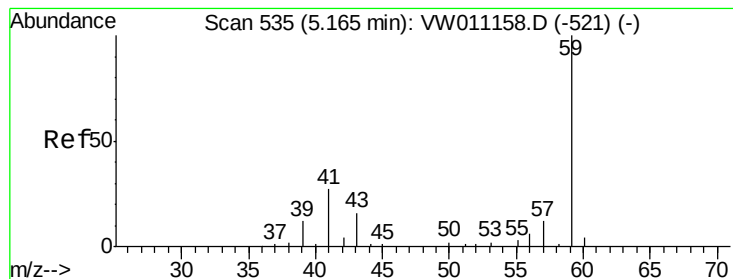


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



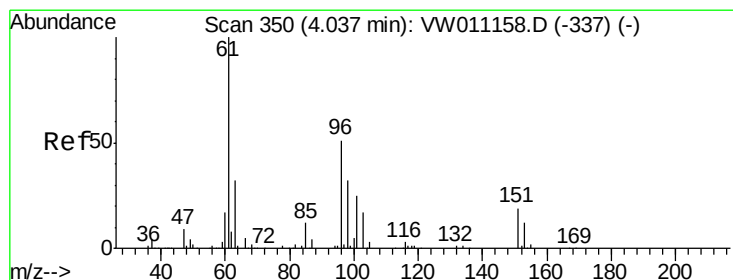
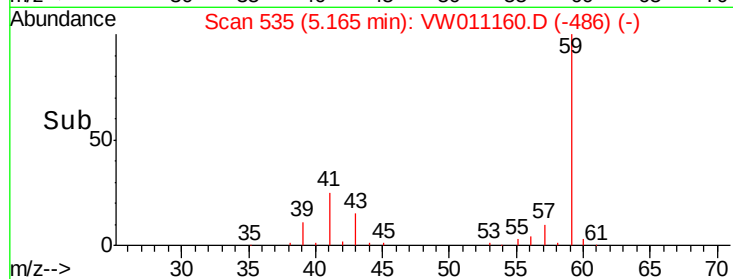
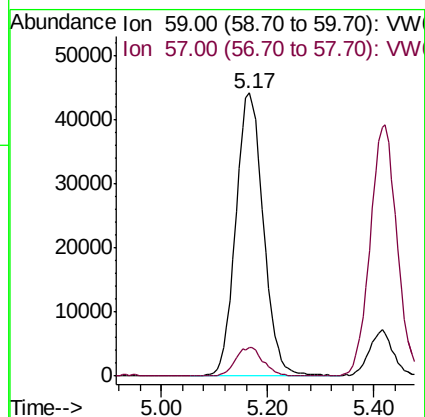
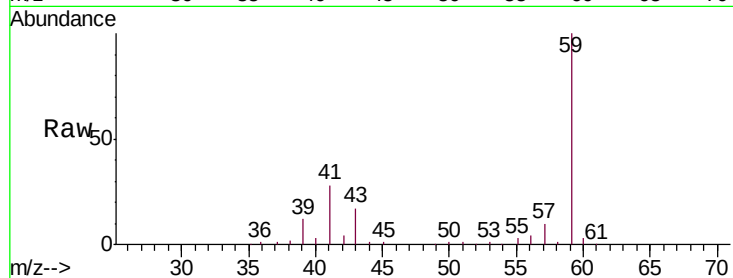


#11

Tert butyl alcohol
Concen: 730.830 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

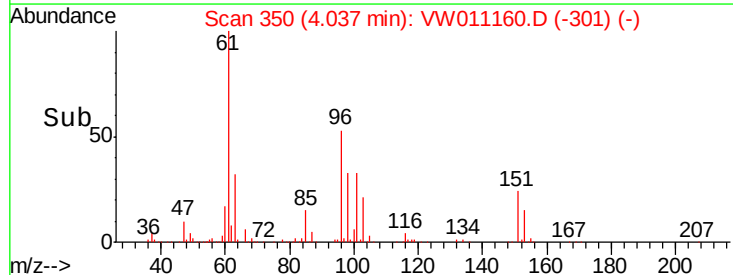
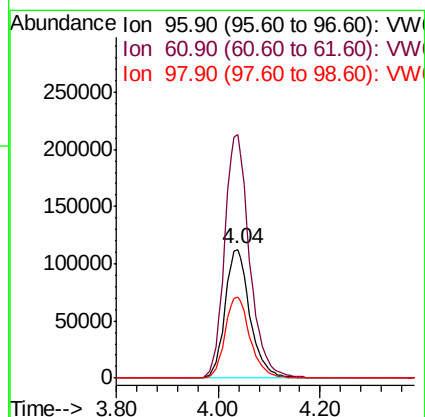
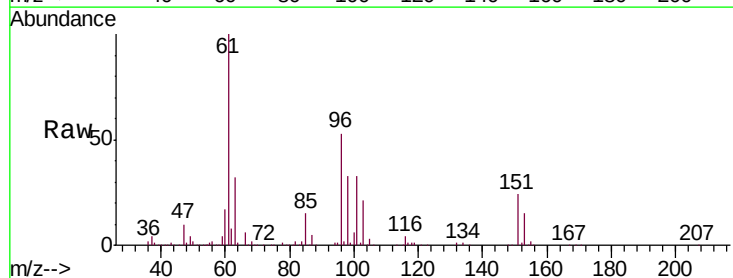
Tgt Ion: 59 Resp: 159983
Ion Ratio Lower Upper
59 100
57 10.3 9.0 13.6

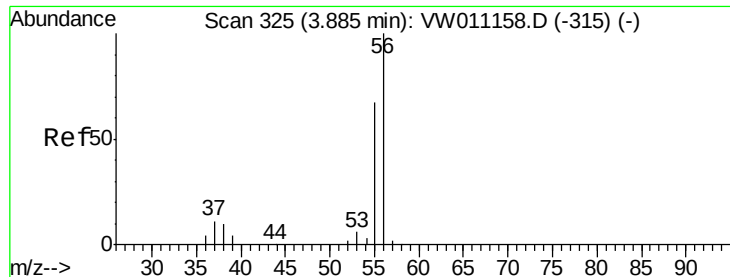


#12

1,1-Dichloroethene
Concen: 145.786 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

Tgt Ion: 96 Resp: 381089
Ion Ratio Lower Upper
96 100
61 189.5 157.7 236.5
98 63.1 50.9 76.3





#13

Acrolein

Concen: 789.149 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

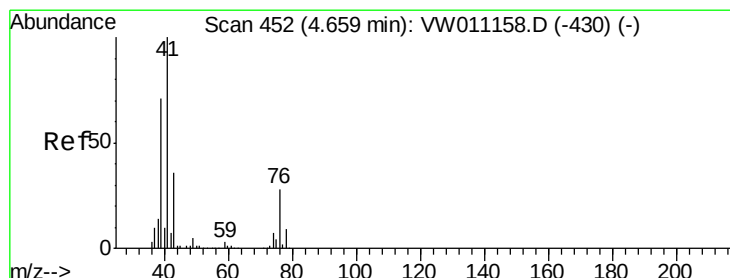
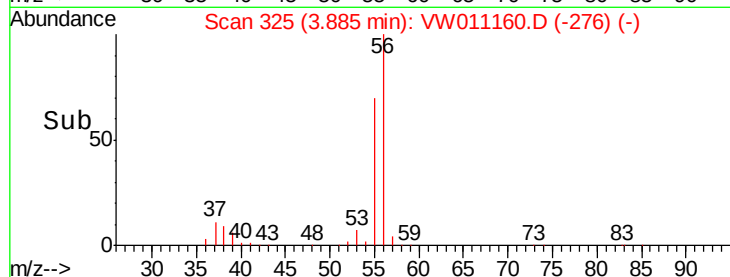
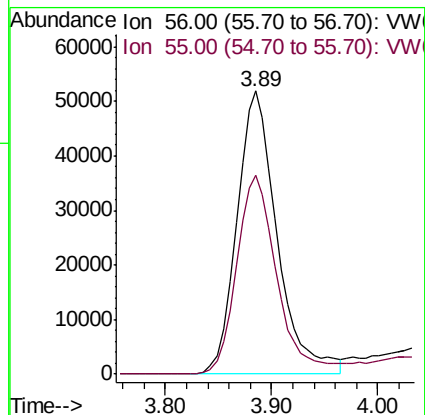
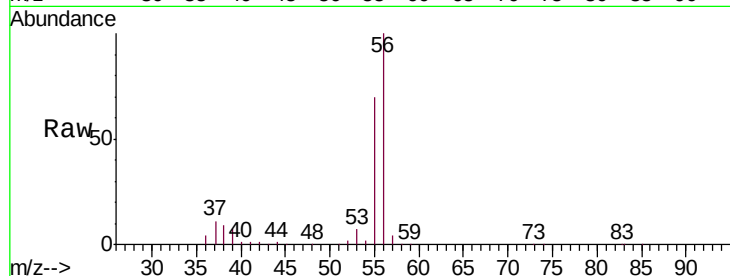
VSTDIC150

Tgt Ion: 56 Resp: 137559

Ion Ratio Lower Upper

56 100

55 70.0 56.4 84.6



#14

Allyl chloride

Concen: 143.582 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

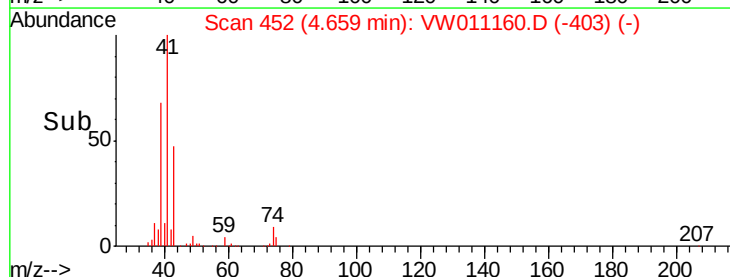
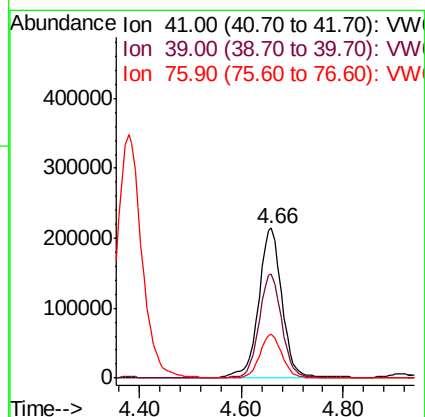
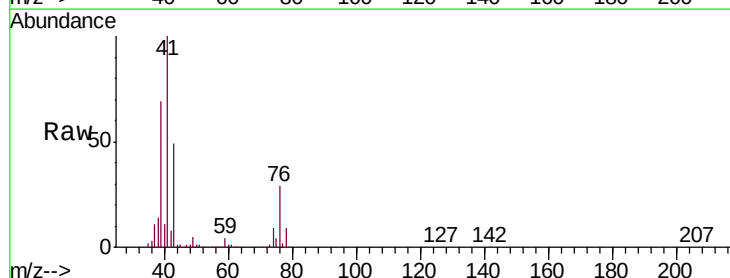
Tgt Ion: 41 Resp: 684423

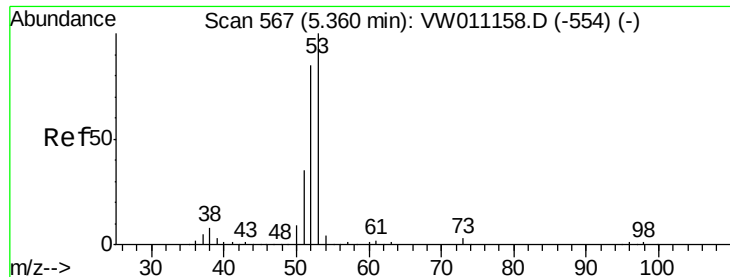
Ion Ratio Lower Upper

41 100

39 67.4 55.1 82.7

76 27.4 22.5 33.7





#15

Acrylonitrile

Concen: 748.595 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

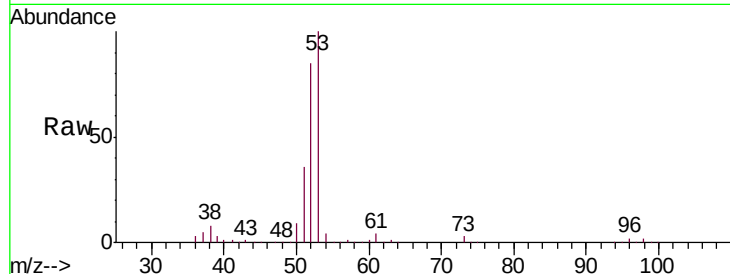
Tgt Ion: 53 Resp: 554663

Ion Ratio Lower Upper

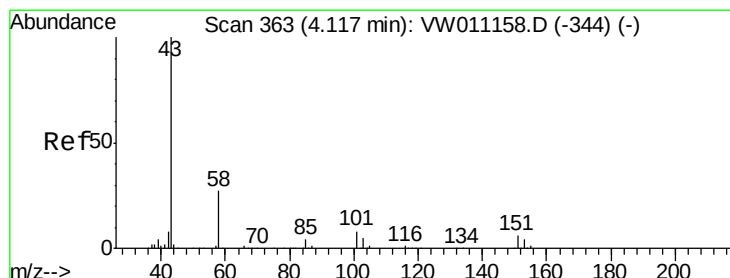
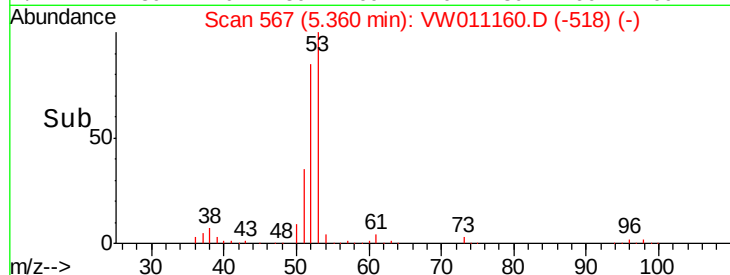
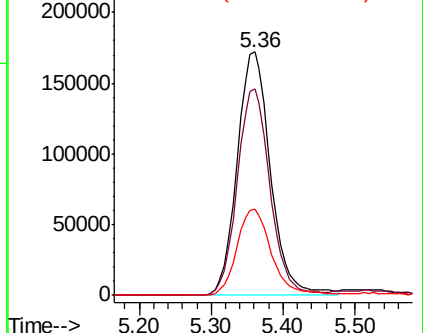
53 100

52 83.2 66.2 99.4

51 36.6 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 714.255 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011160.D

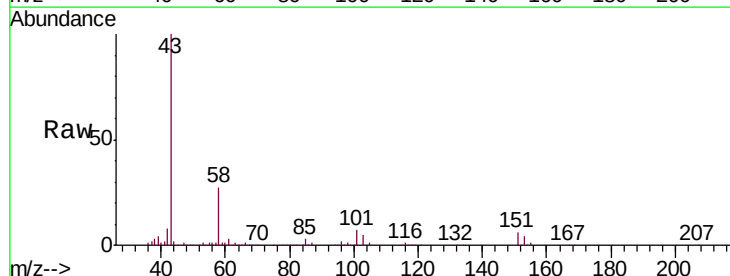
Acq: 08 Jul 2019 12:55

Tgt Ion: 43 Resp: 508136

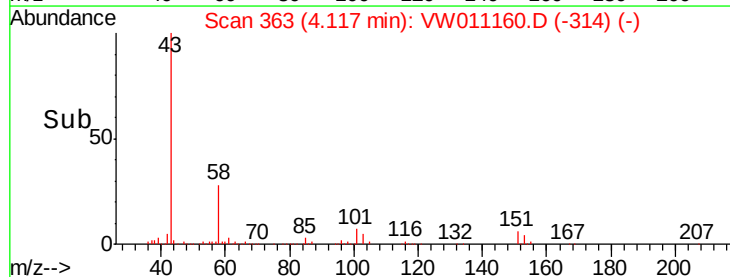
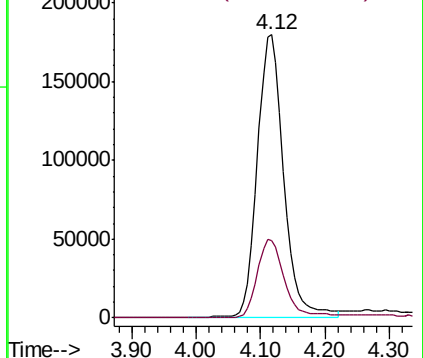
Ion Ratio Lower Upper

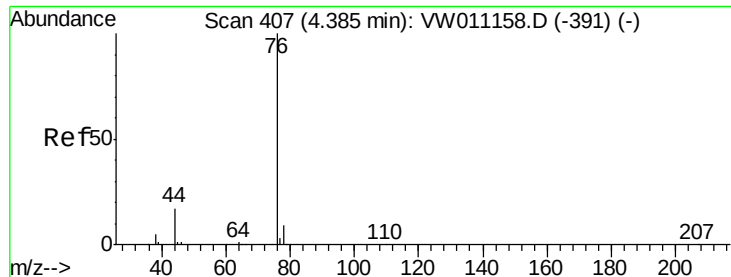
43 100

58 27.3 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 146.735 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

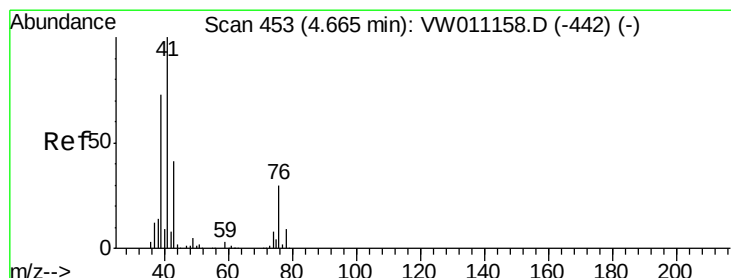
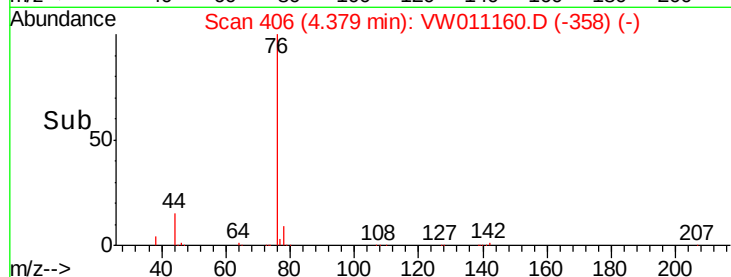
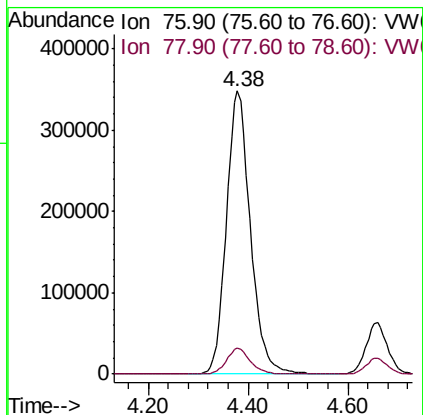
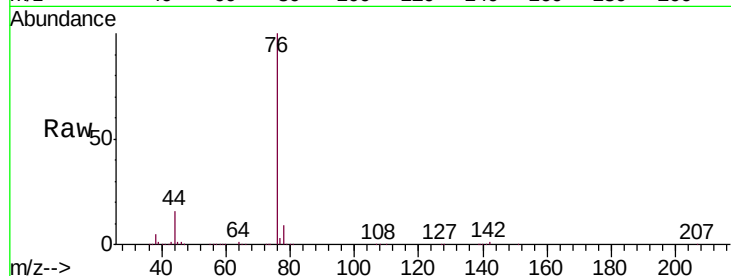
VSTDIC150

Tgt Ion: 76 Resp: 1162856

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



#18

Methyl Acetate

Concen: 134.560 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW011160.D

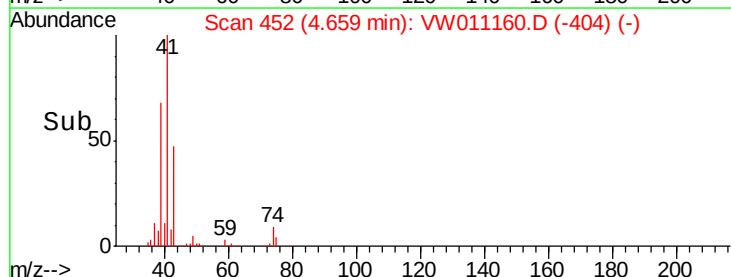
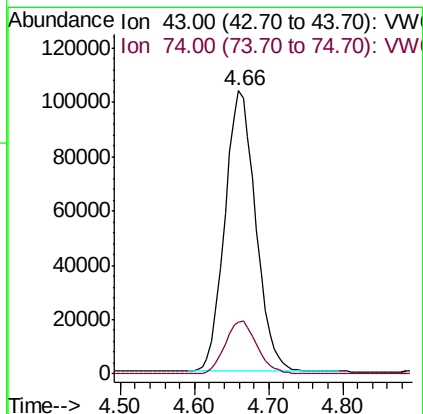
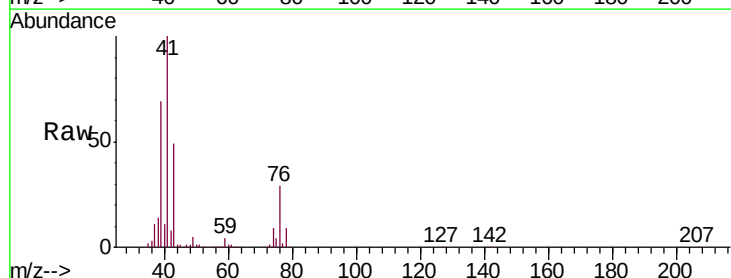
Acq: 08 Jul 2019 12:55

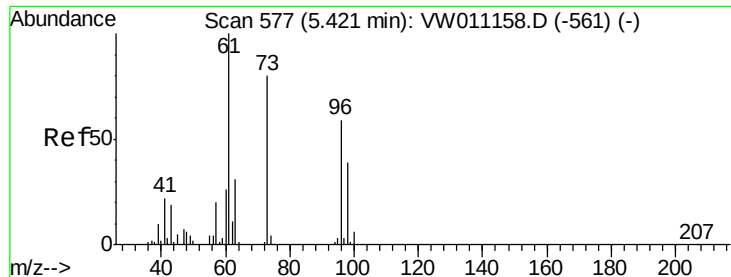
Tgt Ion: 43 Resp: 299372

Ion Ratio Lower Upper

43 100

74 19.6 15.7 23.5

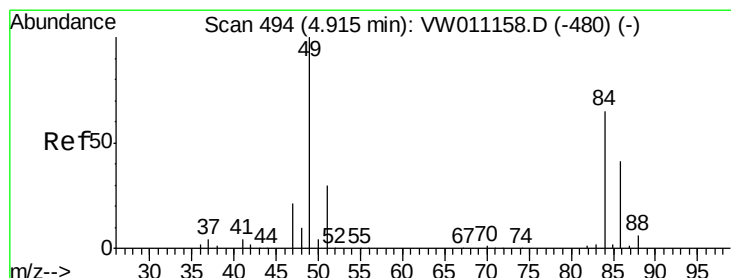
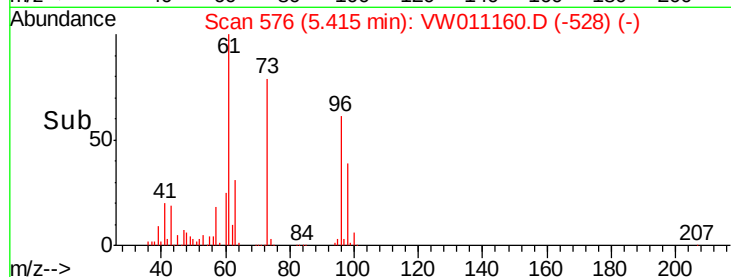
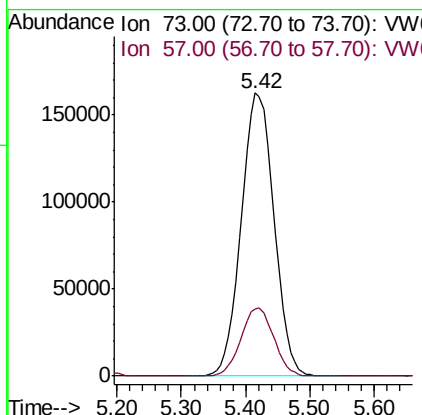
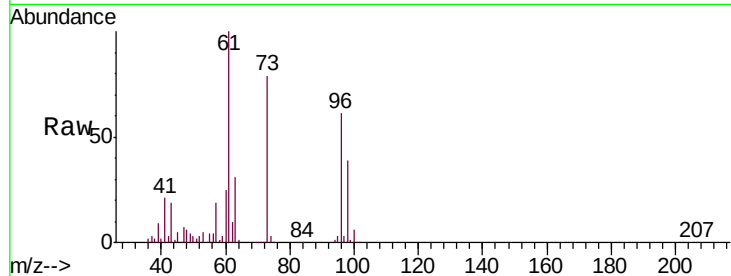




#19
Methyl tert-butyl Ether
Concen: 143.318 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

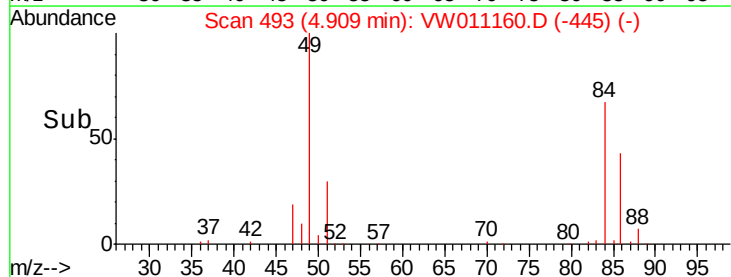
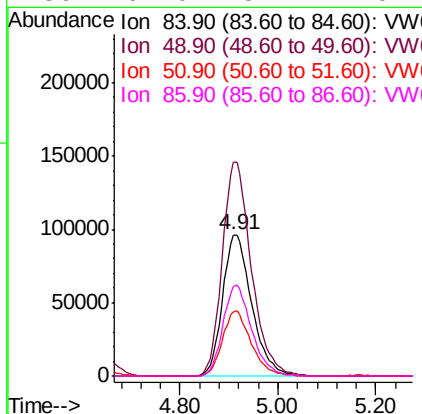
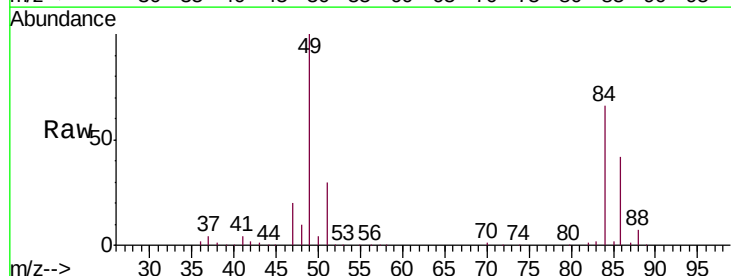
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

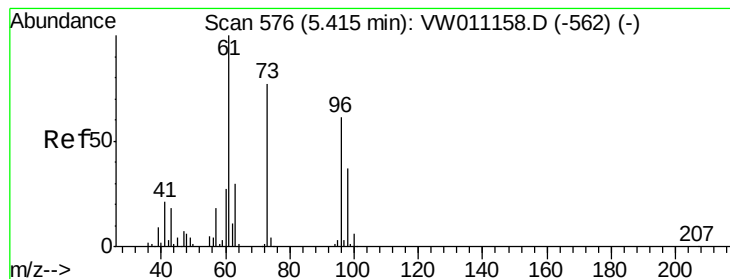
Tgt Ion: 73 Resp: 568448
Ion Ratio Lower Upper
73 100
57 23.9 19.7 29.5



#20
Methylene Chloride
Concen: 141.620 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

Tgt Ion: 84 Resp: 397457
Ion Ratio Lower Upper
84 100
49 151.4 123.8 185.6
51 45.2 37.4 56.2
86 64.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 147.398 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

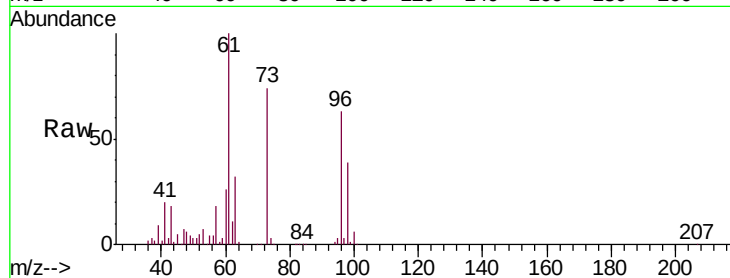
Tgt Ion: 96 Resp: 400363

Ion Ratio Lower Upper

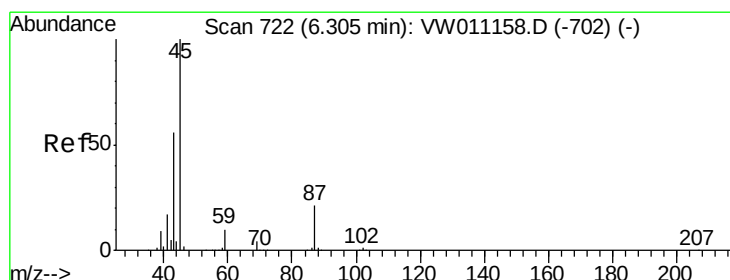
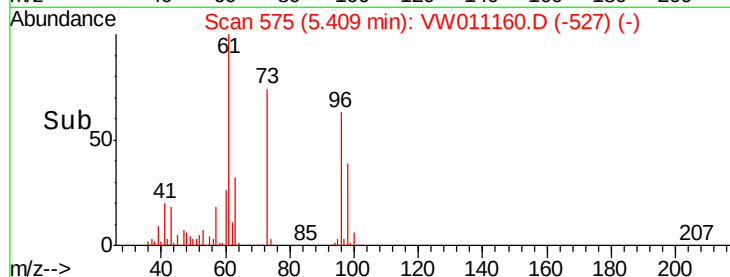
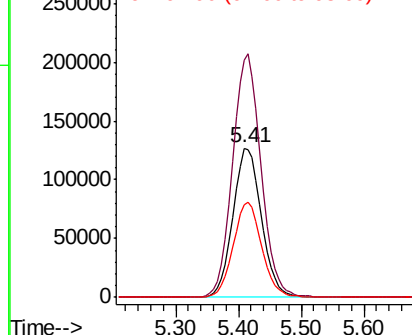
96 100

61 159.4 132.2 198.2

98 62.0 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 146.555 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

Tgt Ion: 45 Resp: 1502552

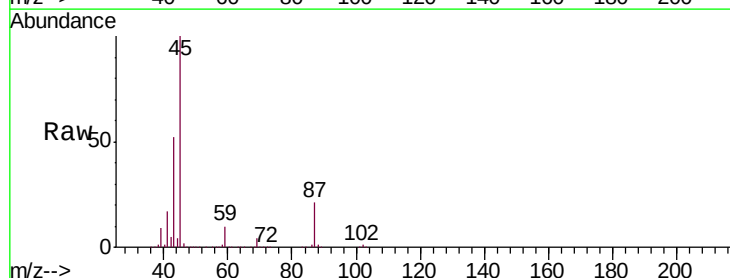
Ion Ratio Lower Upper

45 100

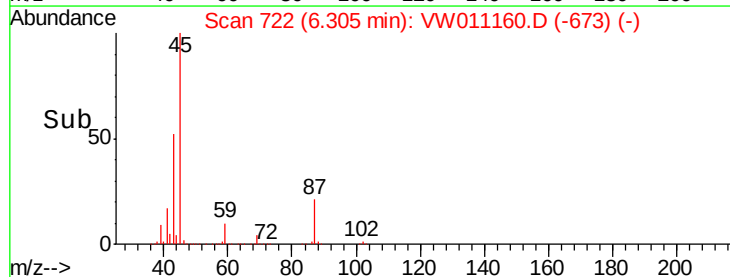
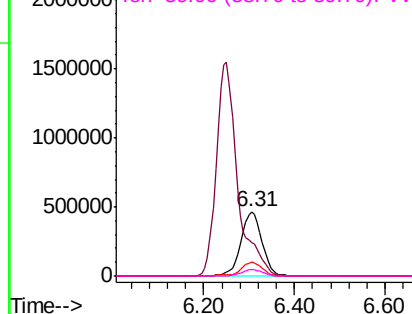
43 52.0 44.6 66.8

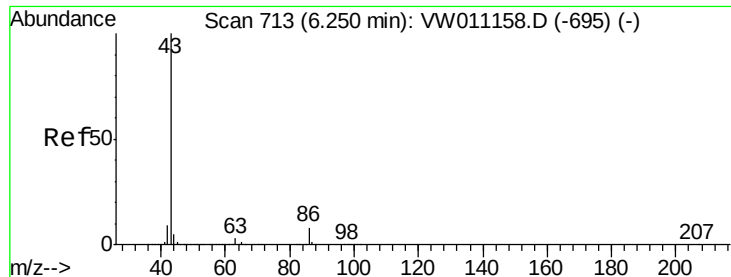
87 21.1 17.3 25.9

59 10.1 8.2 12.2



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW

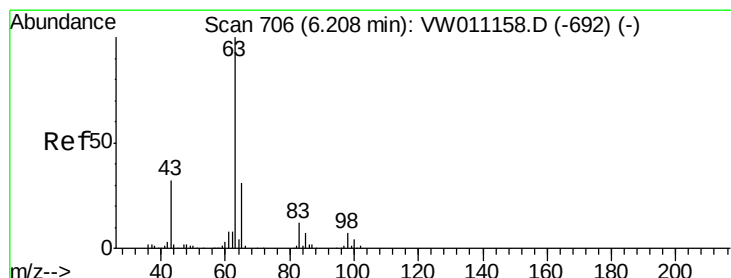
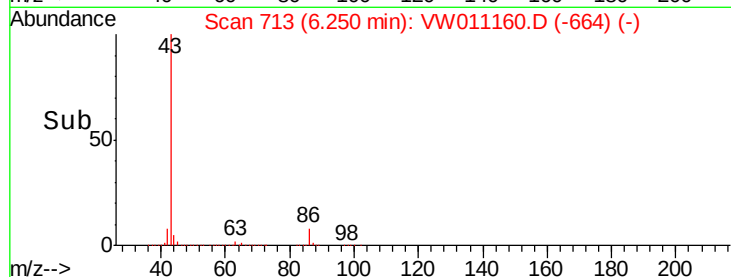
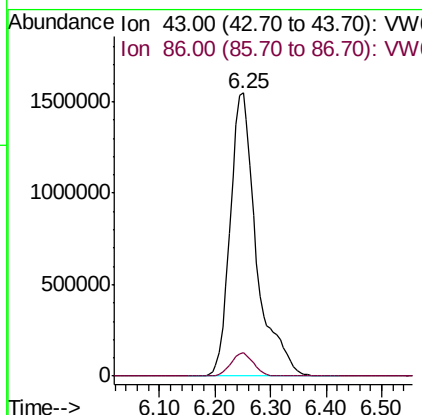
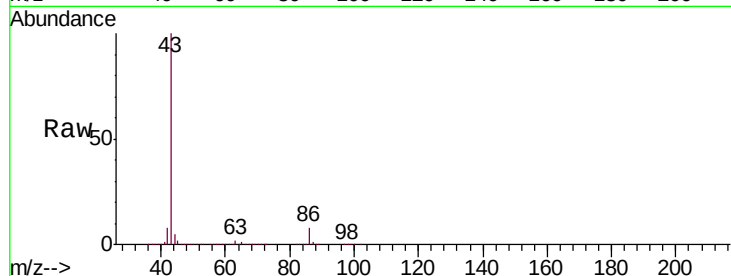




#23
 Vinyl Acetate
 Concen: 796.625 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

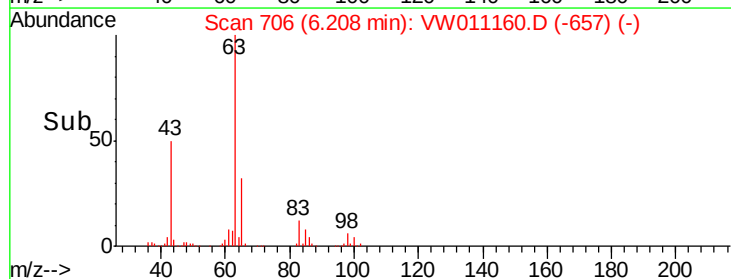
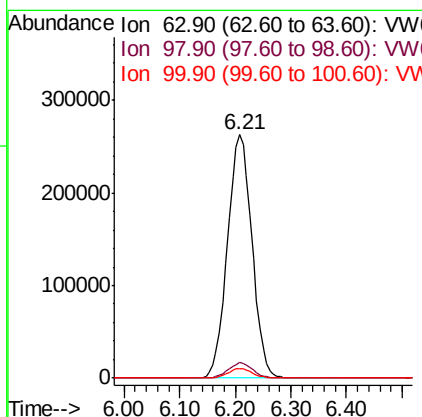
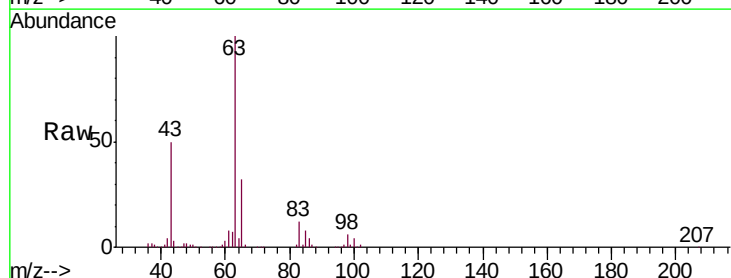
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

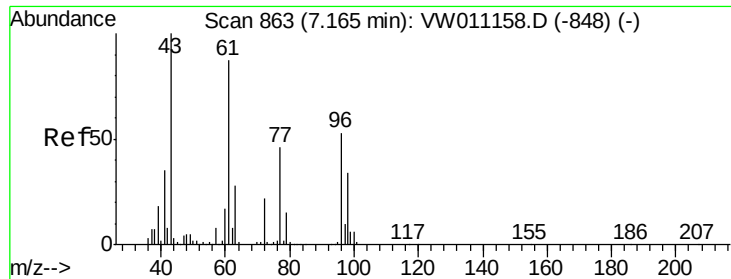
Tgt Ion: 43 Resp: 5054554
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 148.691 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

Tgt Ion: 63 Resp: 800509
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.9
 100 3.9 2.1 6.2

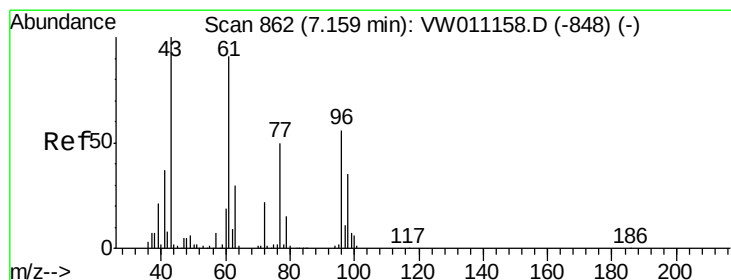
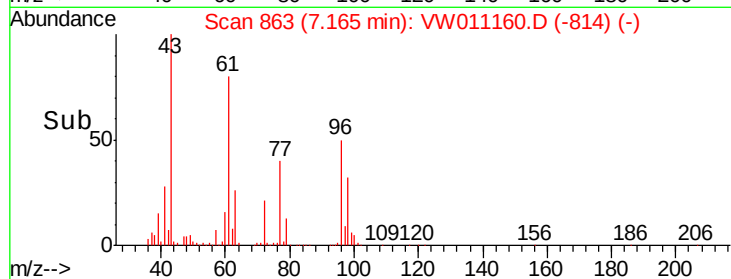
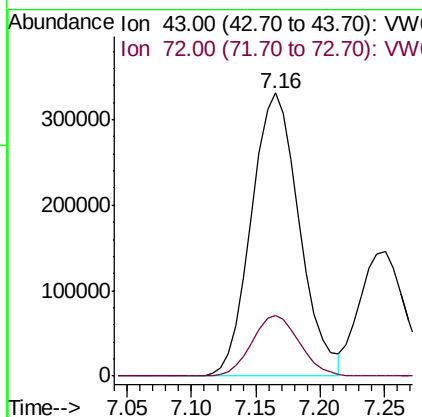
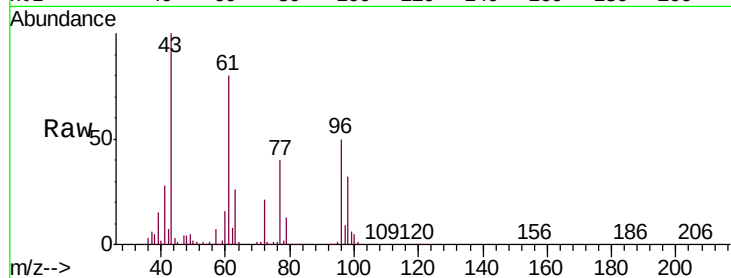




#25
2-Butanone
Concen: 765.968 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

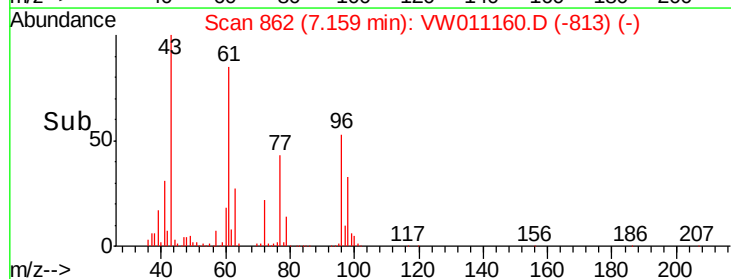
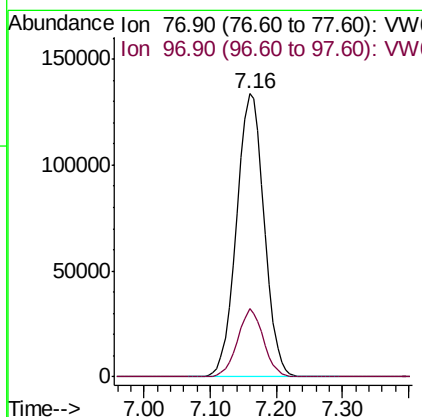
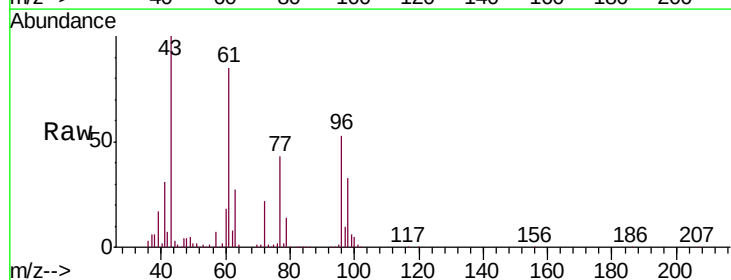
Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

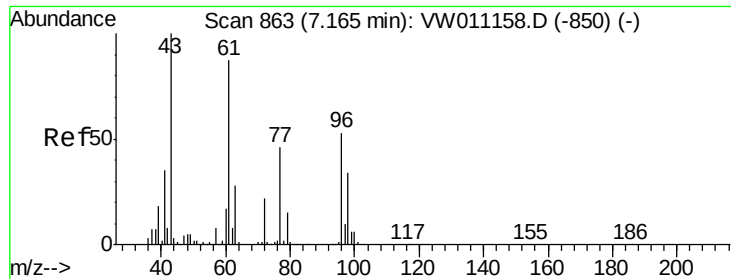
Tgt Ion: 43 Resp: 855389
Ion Ratio Lower Upper
43 100
72 21.4 17.6 26.4



#26
2,2-Dichloropropane
Concen: 138.428 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

Tgt Ion: 77 Resp: 387393
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.5



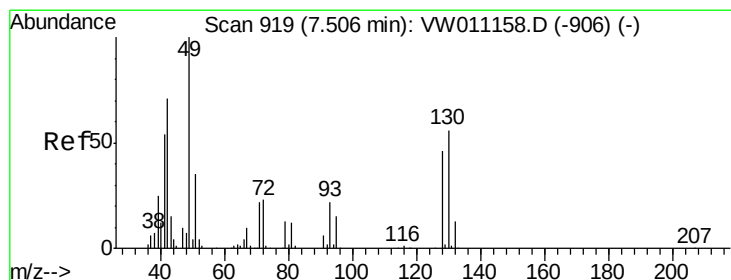
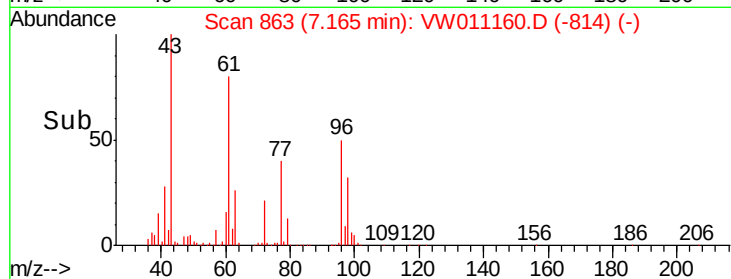
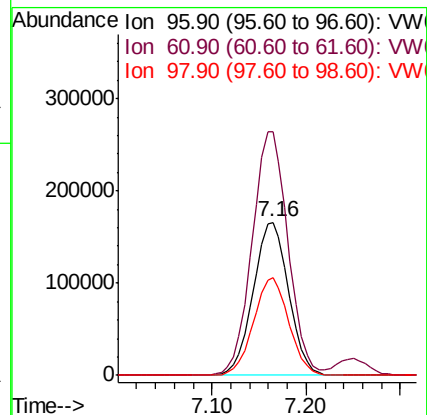
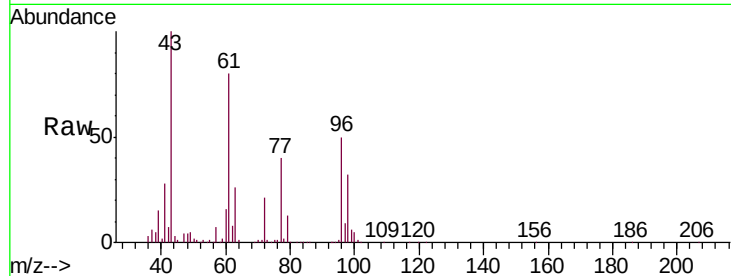


#27

cis-1,2-Dichloroethene
 Concen: 149.478 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

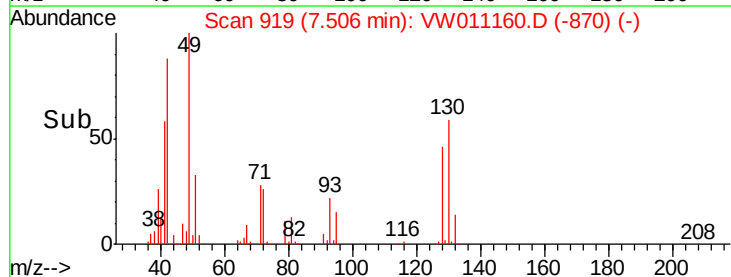
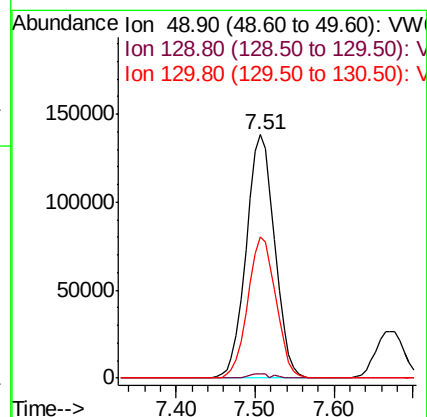
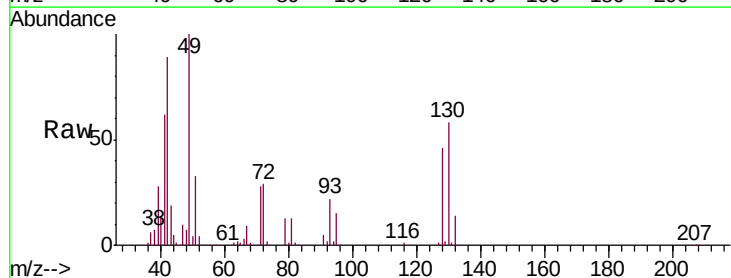
Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.3	0.0	325.6
98	63.6	0.0	128.2

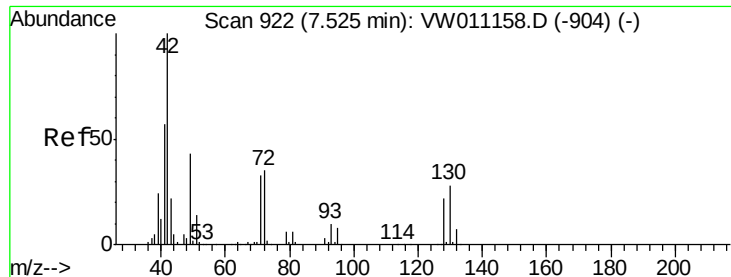


#28

Bromochloromethane
 Concen: 141.503 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	1.4#
130	57.4	45.8	68.8

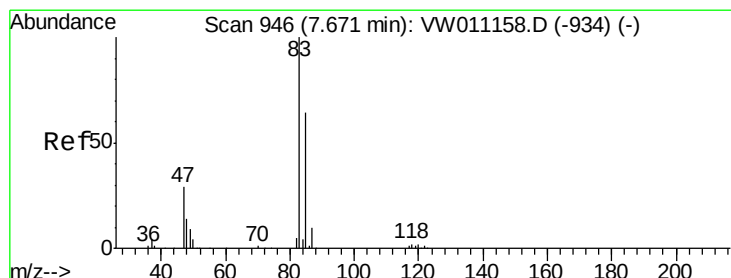
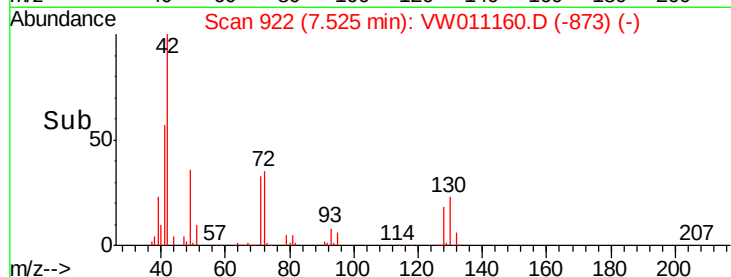
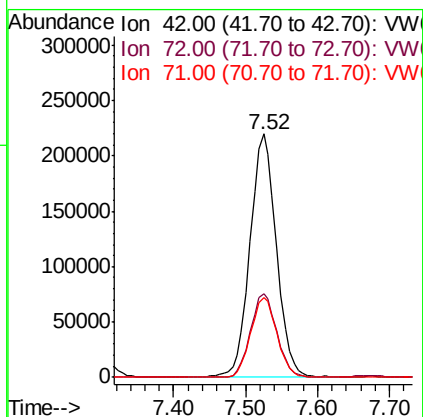
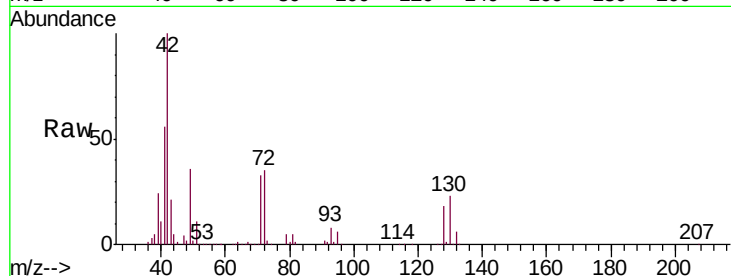




#29
Tetrahydrofuran
Concen: 763.968 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

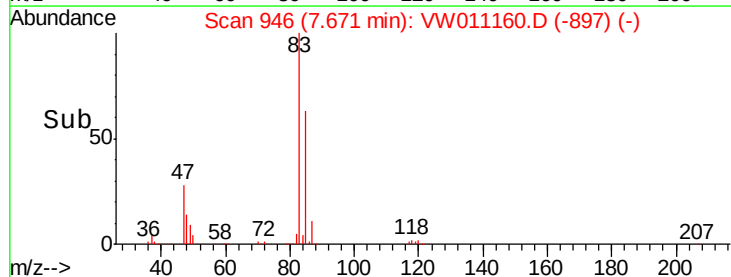
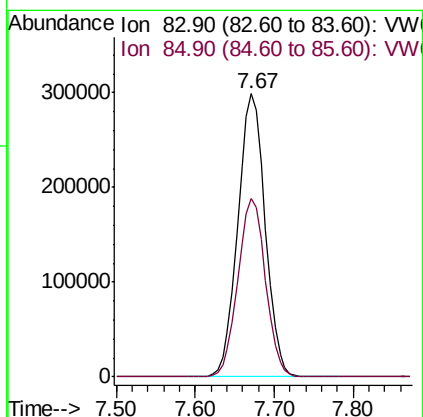
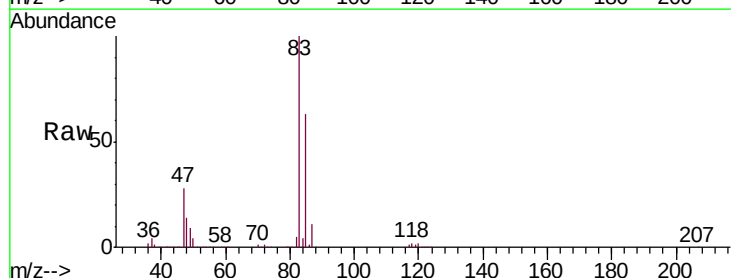
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

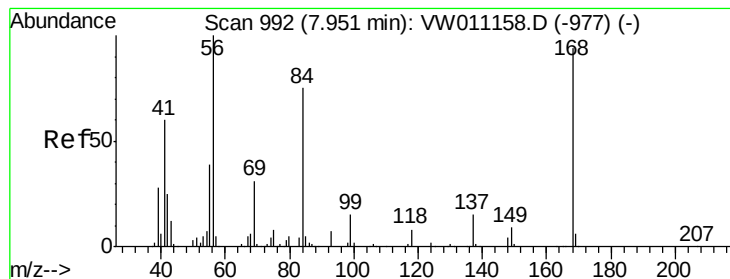
Tgt Ion: 42 Resp: 559422
Ion Ratio Lower Upper
42 100
72 34.2 27.4 41.2
71 32.6 25.9 38.9



#30
Chloroform
Concen: 144.205 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

Tgt Ion: 83 Resp: 718984
Ion Ratio Lower Upper
83 100
85 63.0 51.4 77.2





#31

Cyclohexane

Concen: 136.192 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

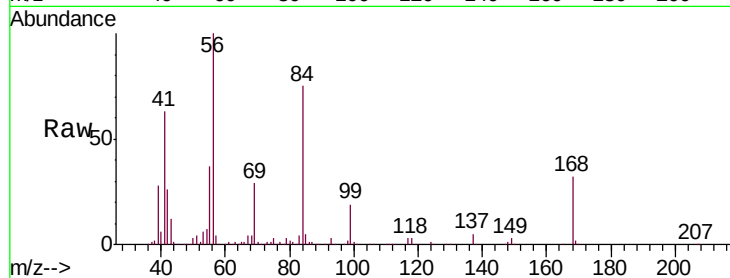
Tgt Ion: 56 Resp: 780039

Ion Ratio Lower Upper

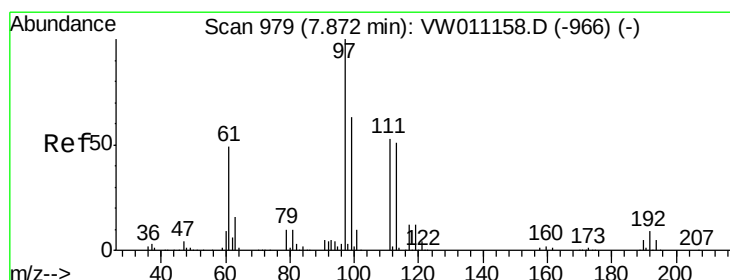
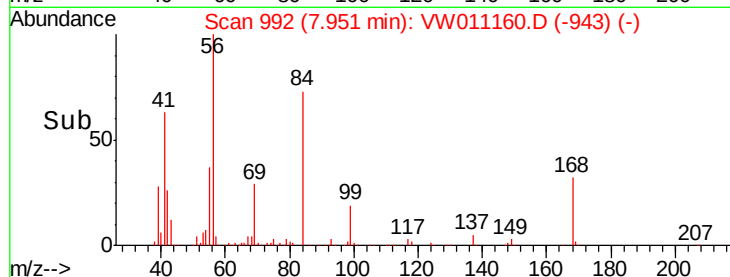
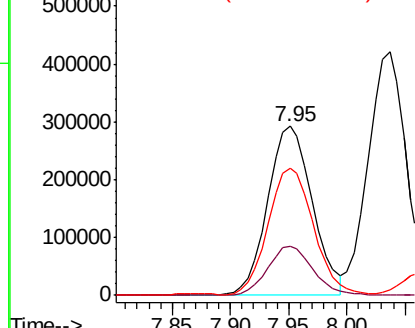
56 100

69 28.9 24.6 36.8

84 73.8 60.1 90.1



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



#32

1,1,1-Trichloroethane

Concen: 144.205 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

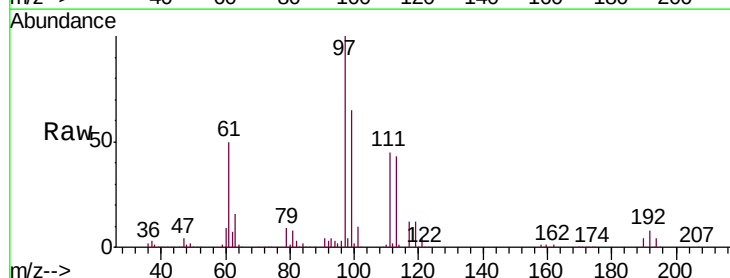
Tgt Ion: 97 Resp: 546931

Ion Ratio Lower Upper

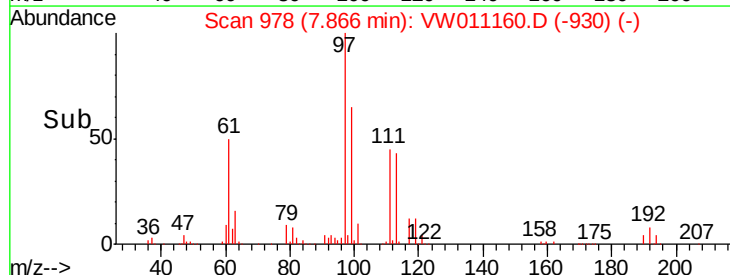
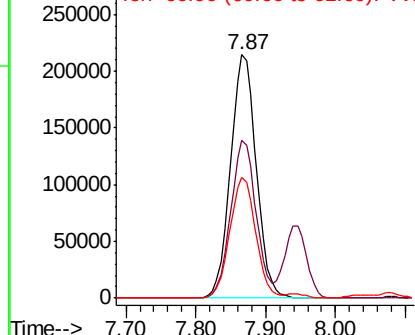
97 100

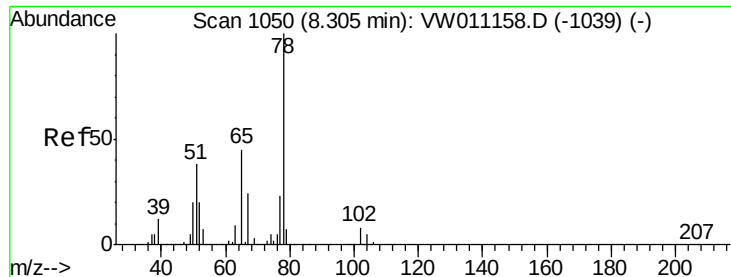
99 64.0 51.0 76.4

61 50.1 40.4 60.6



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

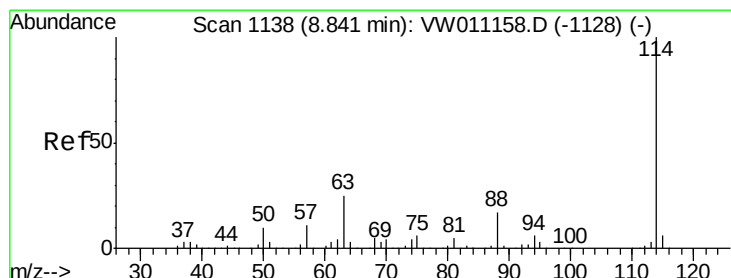
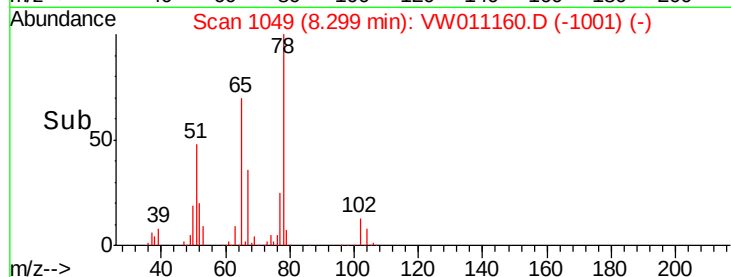
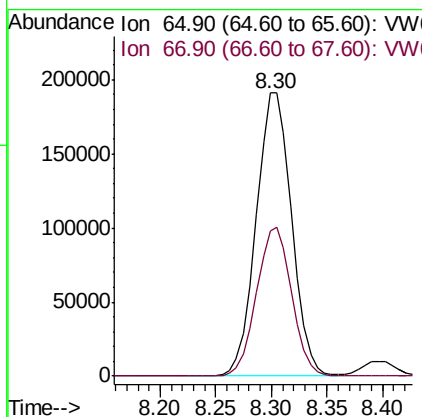
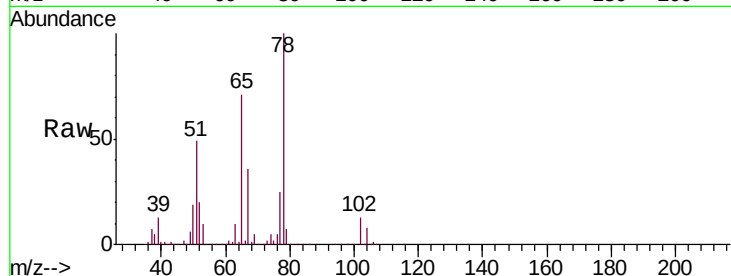




#33
 1,2-Dichloroethane-d4
 Concen: 143.486 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

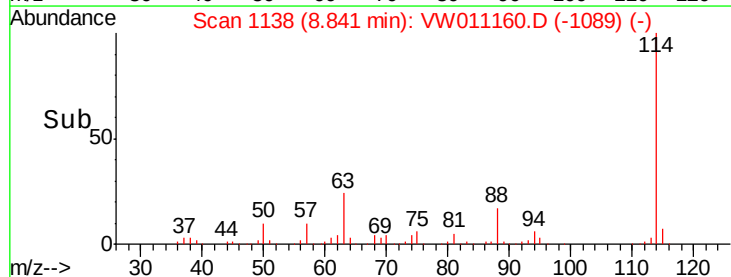
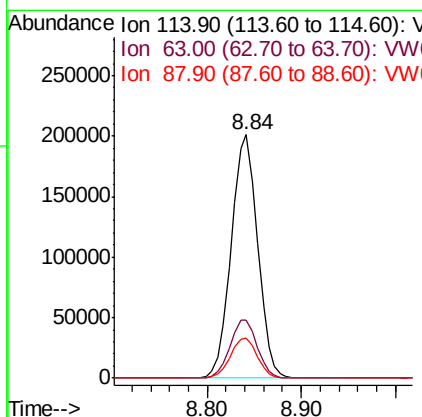
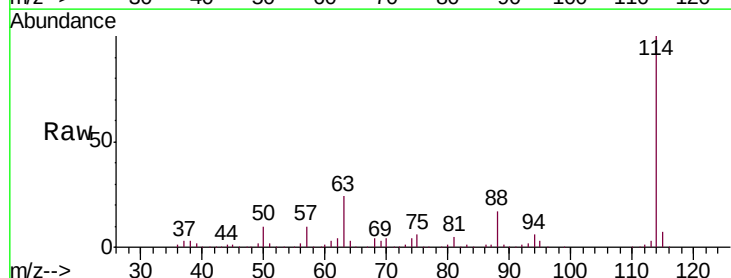
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

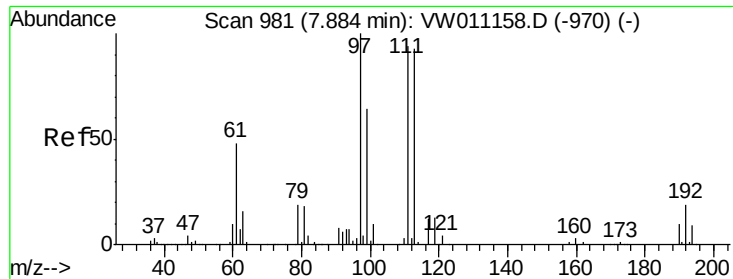
Tgt Ion: 65 Resp: 424248
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

Tgt Ion: 114 Resp: 391368
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 50.8
 88 16.7 0.0 34.2





#35

Dibromofluoromethane

Concen: 143.668 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

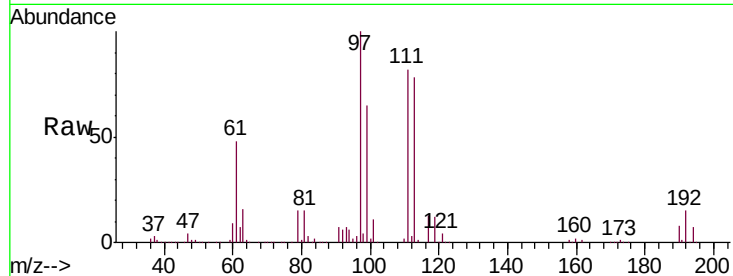
Tgt Ion:113 Resp: 335138

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

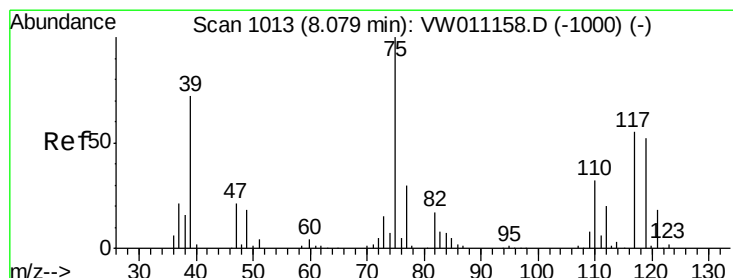
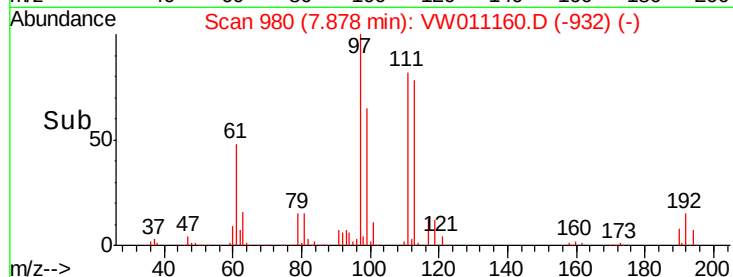
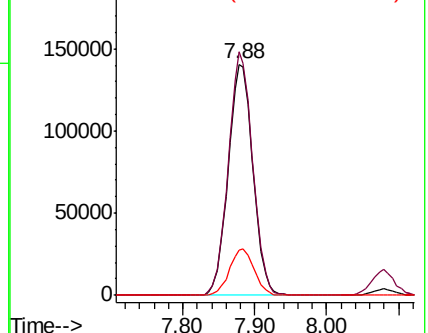
192 19.9 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 143.579 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

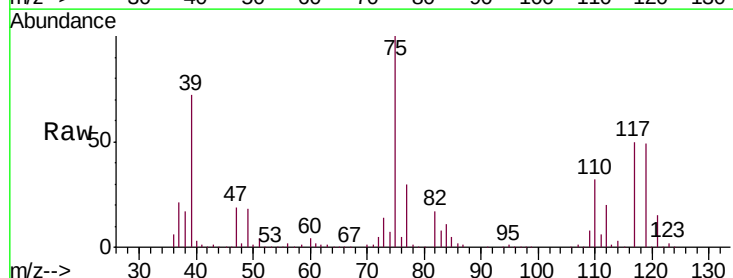
Tgt Ion: 75 Resp: 598393

Ion Ratio Lower Upper

75 100

110 31.6 15.9 47.6

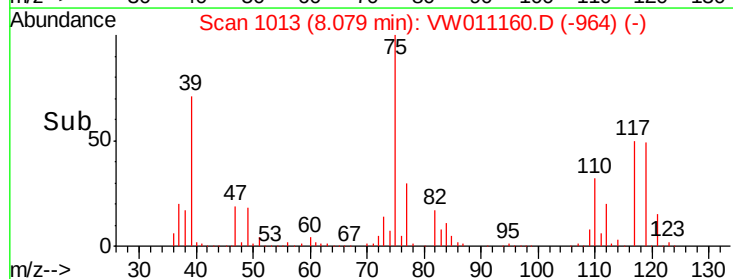
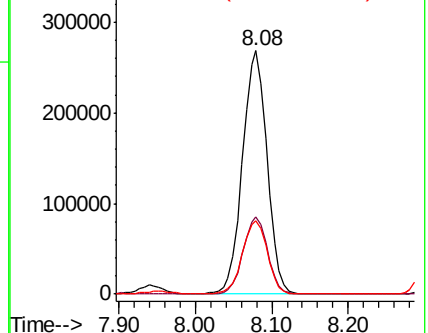
77 30.8 24.6 36.8

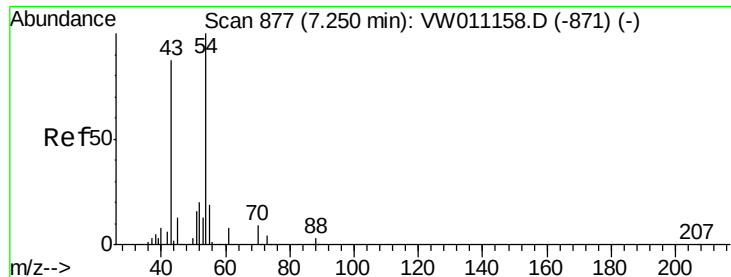


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

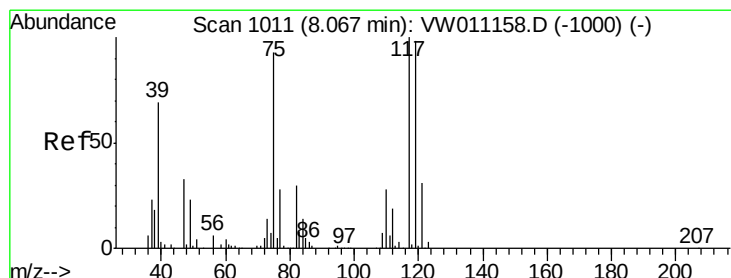
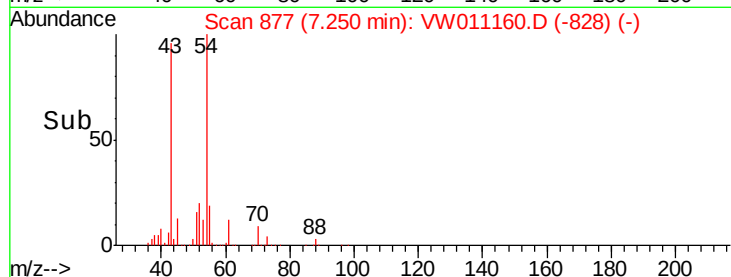
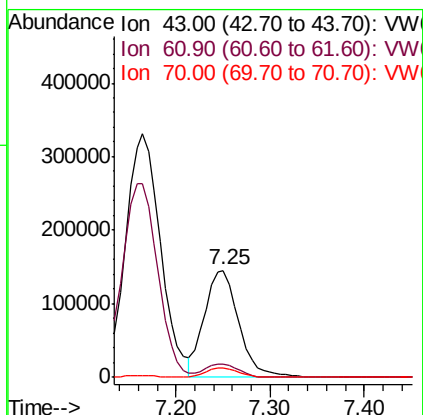
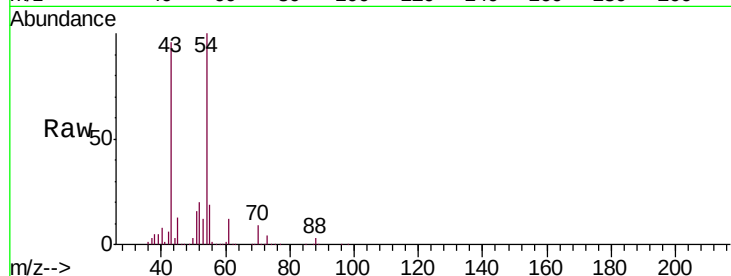




#37
Ethyl Acetate
Concen: 146.342 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

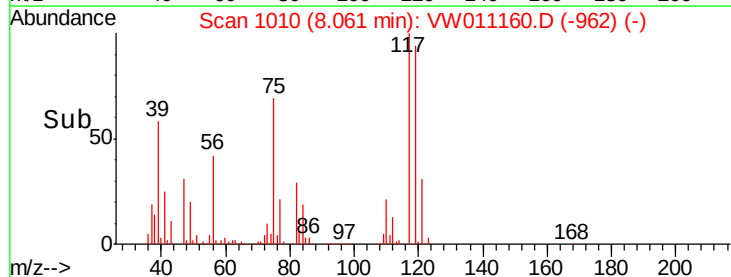
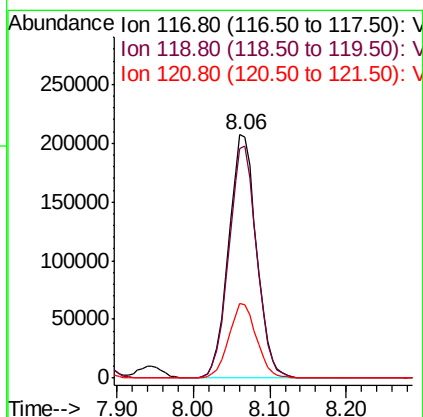
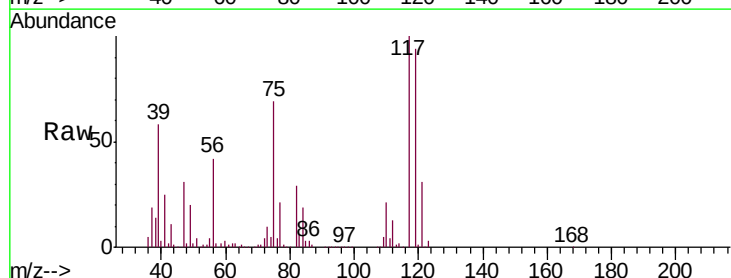
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

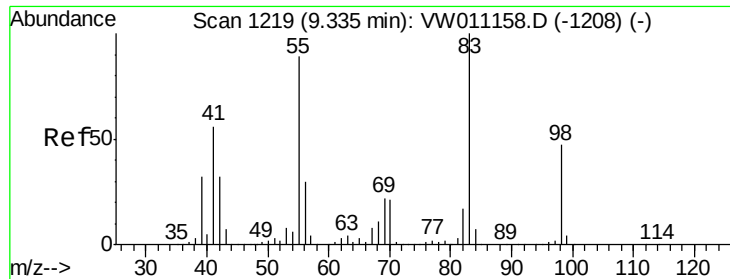
Tgt Ion: 43 Resp: 366451
Ion Ratio Lower Upper
43 100
61 11.7 9.5 14.3
70 8.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 147.260 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

Tgt Ion: 117 Resp: 520279
Ion Ratio Lower Upper
117 100
119 94.2 78.1 117.1
121 30.8 25.1 37.7

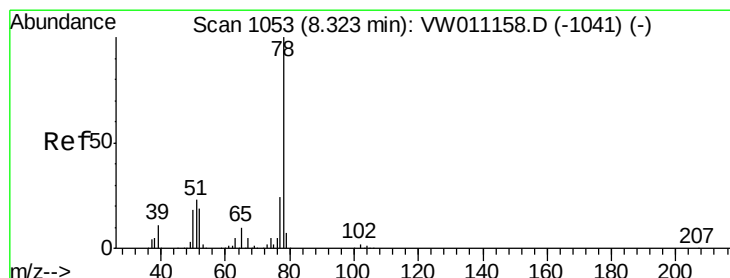
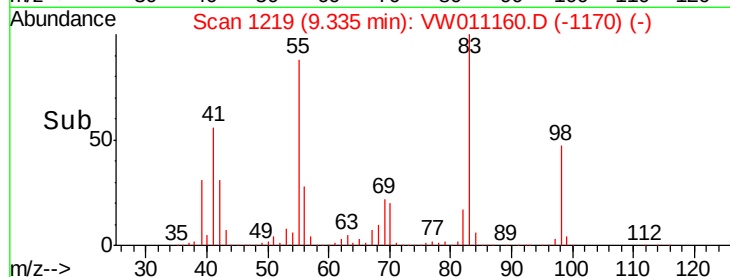
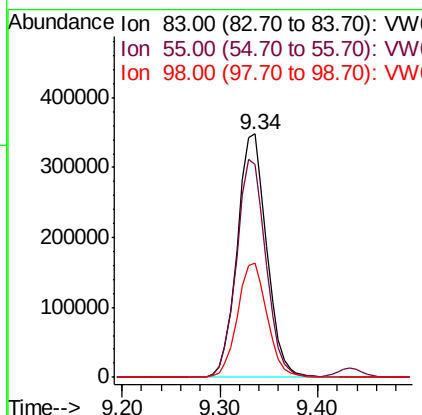
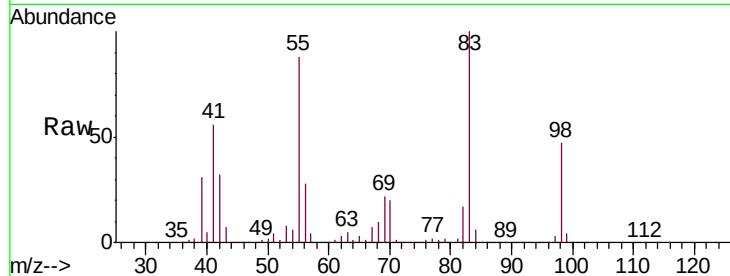




#39
Methylcyclohexane
Concen: 144.578 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

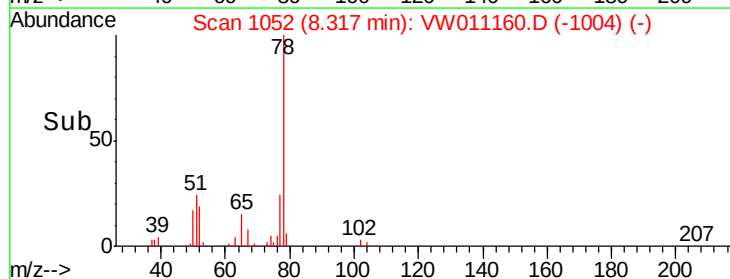
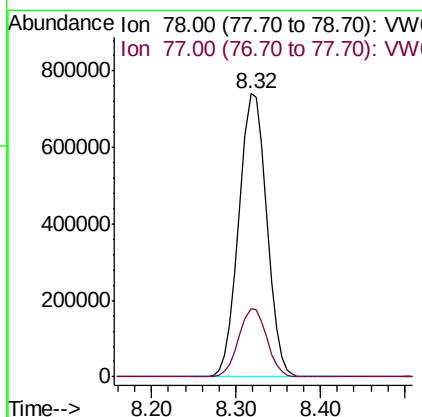
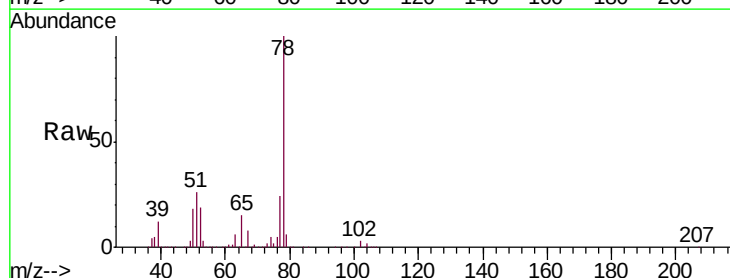
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

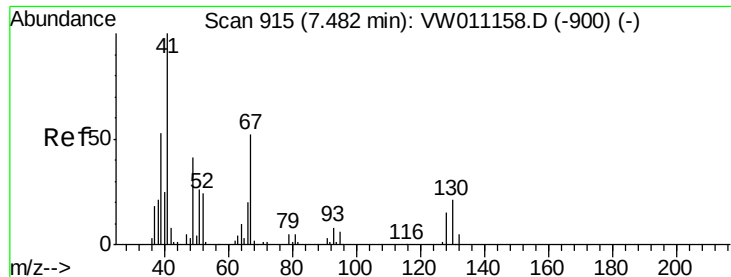
Tgt Ion: 83 Resp: 730328
Ion Ratio Lower Upper
83 100
55 87.6 71.2 106.8
98 47.1 37.5 56.3



#40
Benzene
Concen: 143.962 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

Tgt Ion: 78 Resp: 1658146
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6

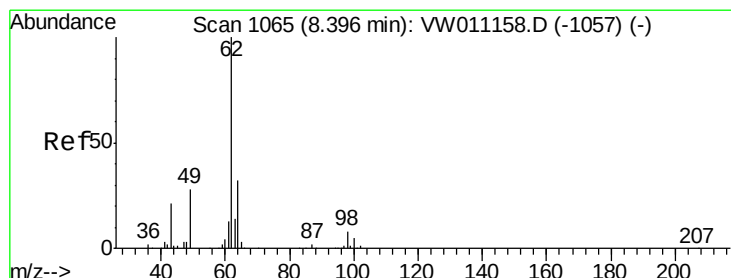
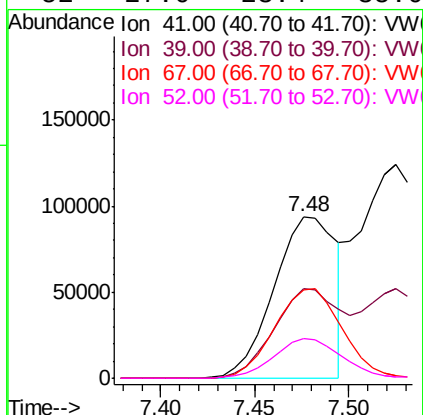
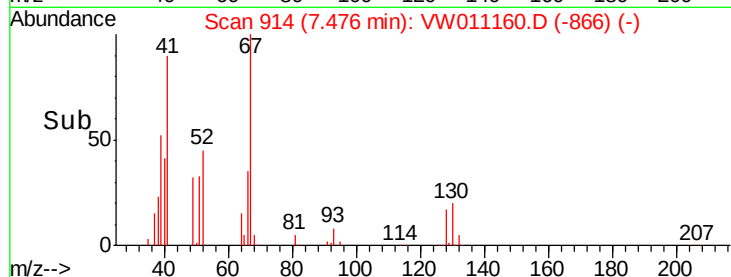
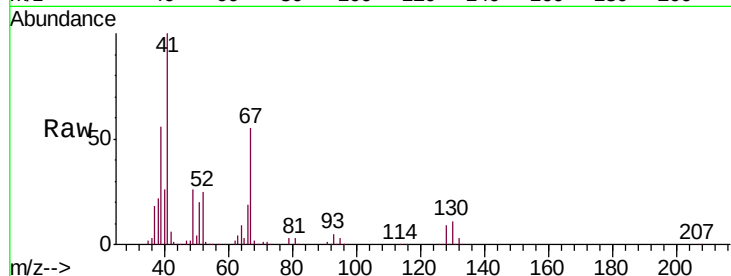




#41
Methacrylonitrile
Concen: 150.053 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

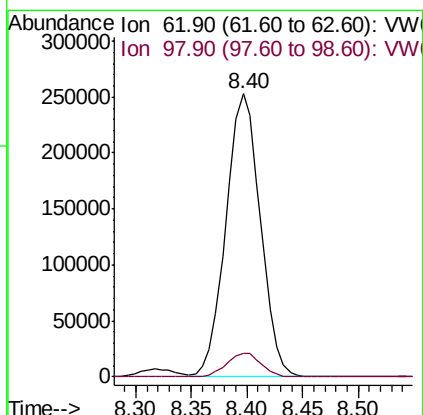
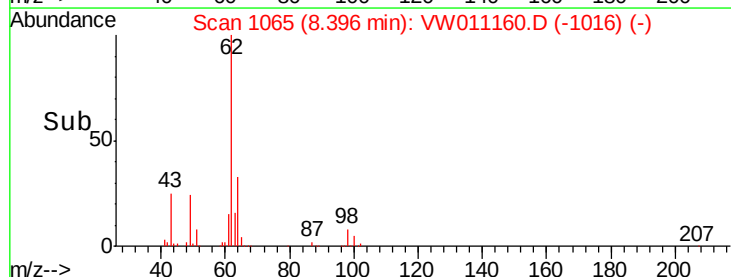
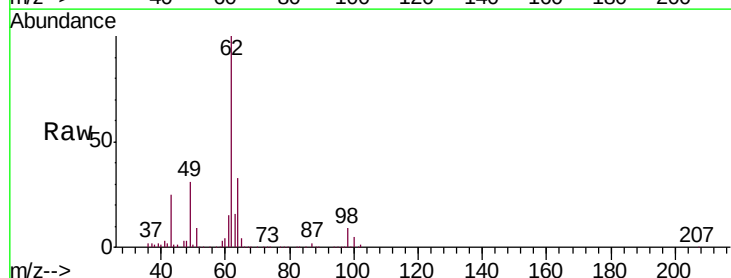
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

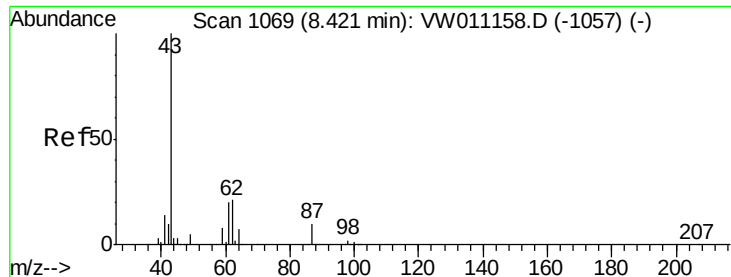
Tgt Ion:	41	Resp:	214900
Ion	Ratio	Lower	Upper
41	100		
39	60.2	48.0	72.0
67	60.3	49.7	74.5
52	27.0	23.4	35.0



#42
1,2-Dichloroethane
Concen: 145.116 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

Tgt Ion:	62	Resp:	542204
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.8





#43

Isopropyl Acetate

Concen: 154.174 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

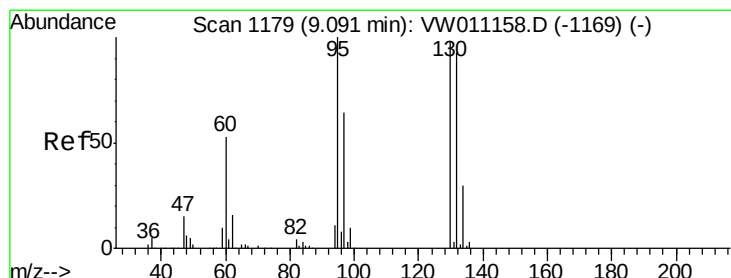
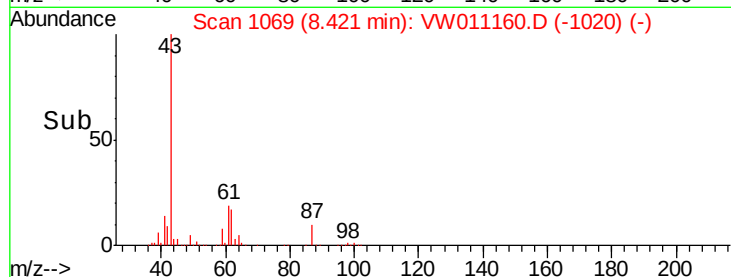
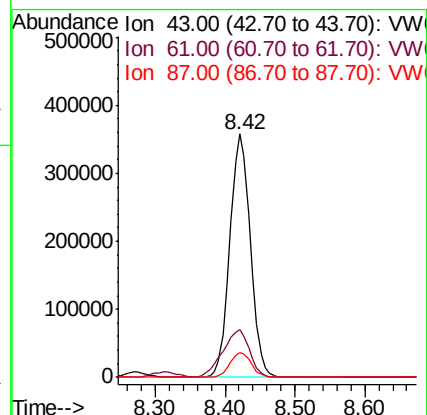
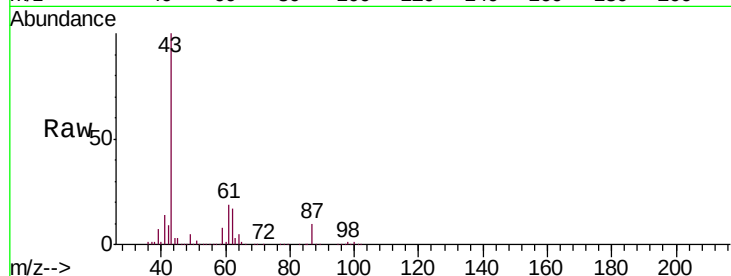
Tgt Ion: 43 Resp: 728880

Ion Ratio Lower Upper

43 100

61 25.5 20.7 31.1

87 10.4 8.1 12.1



#44

Trichloroethene

Concen: 146.672 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011160.D

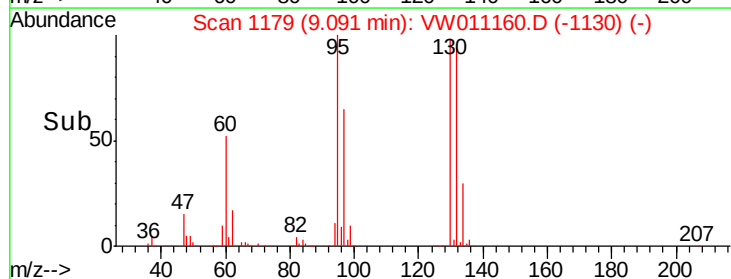
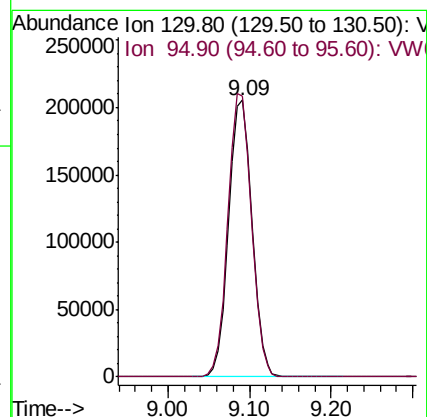
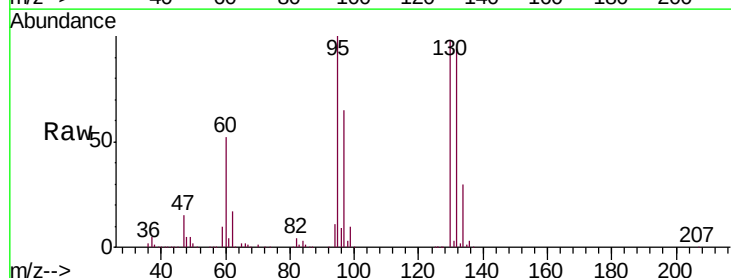
Acq: 08 Jul 2019 12:55

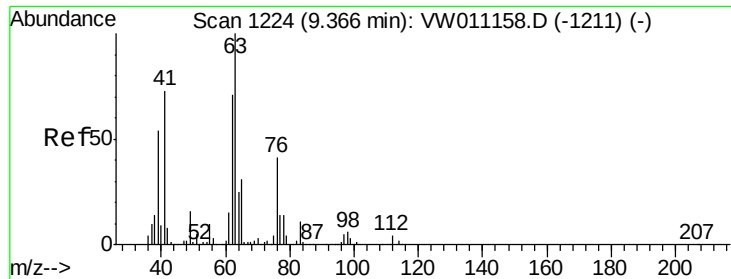
Tgt Ion: 130 Resp: 406530

Ion Ratio Lower Upper

130 100

95 101.5 0.0 203.6

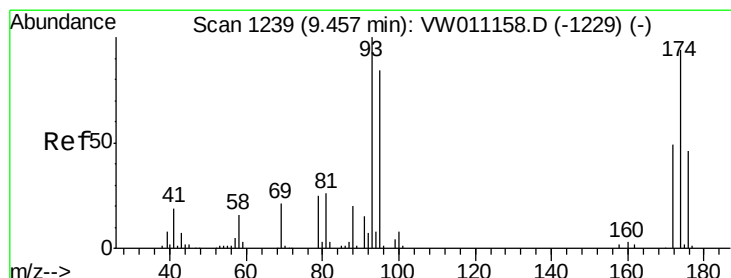
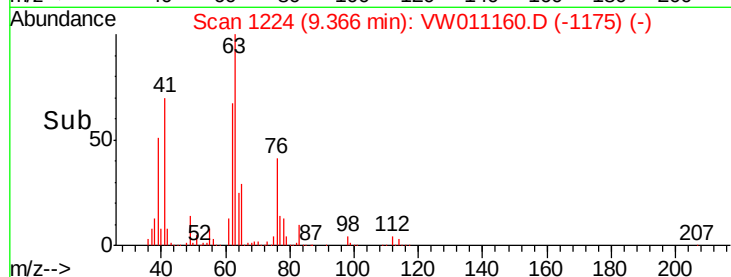
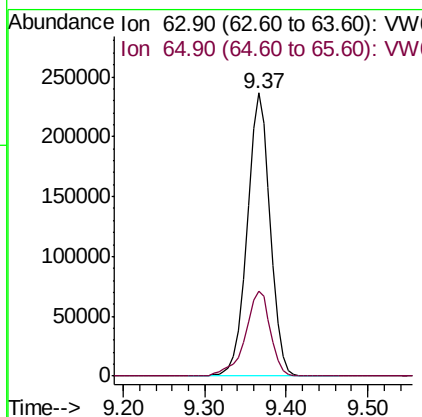
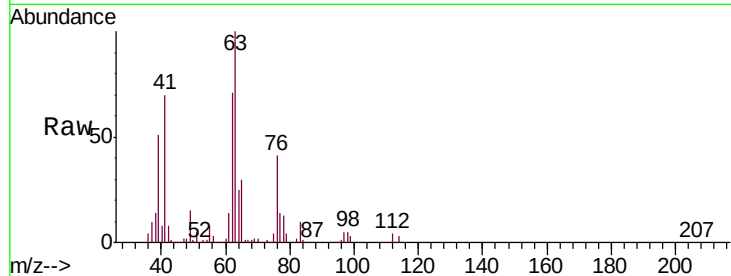




#45
 1,2-Dichloropropane
 Concen: 148.254 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

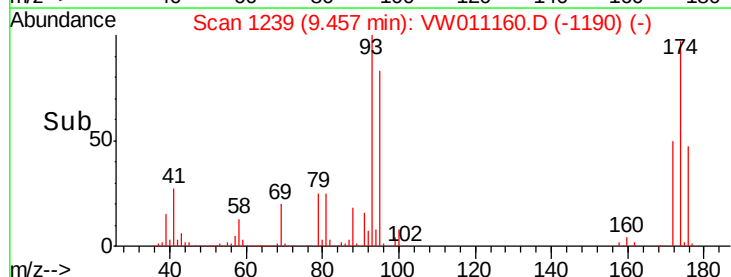
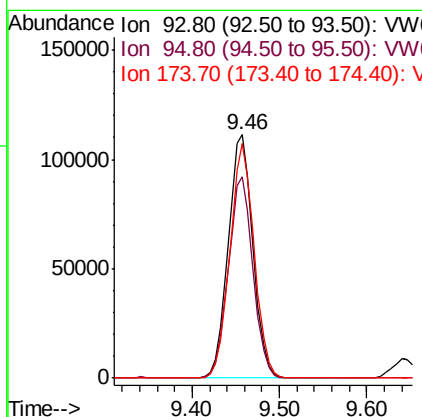
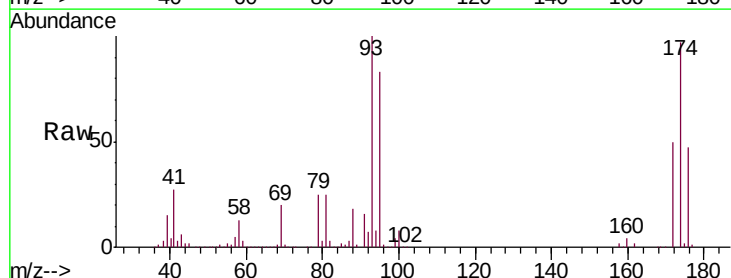
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

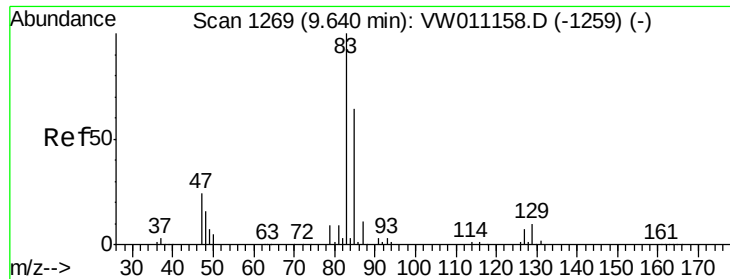
Tgt Ion: 63 Resp: 462406
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.4 36.6



#46
 Dibromomethane
 Concen: 148.425 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

Tgt Ion: 93 Resp: 217465
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.2 100.8
 174 94.9 76.3 114.5

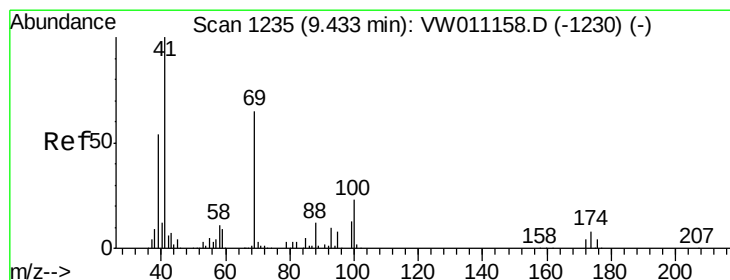
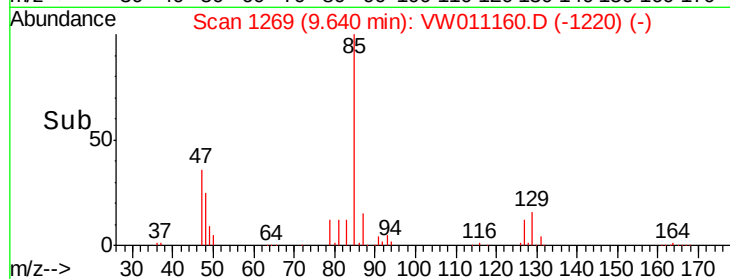
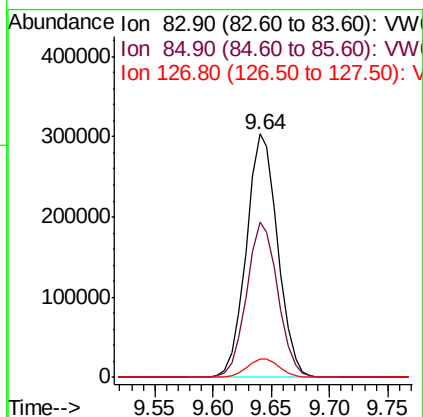
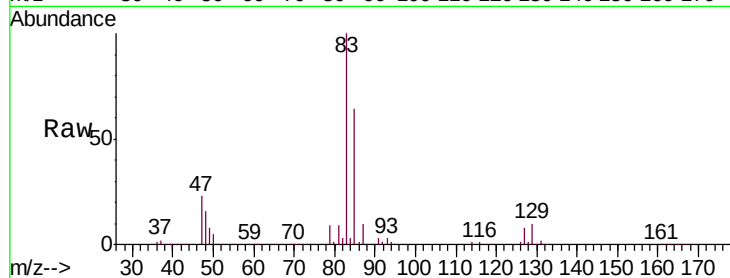




#47
 Bromodichloromethane
 Concen: 151.786 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

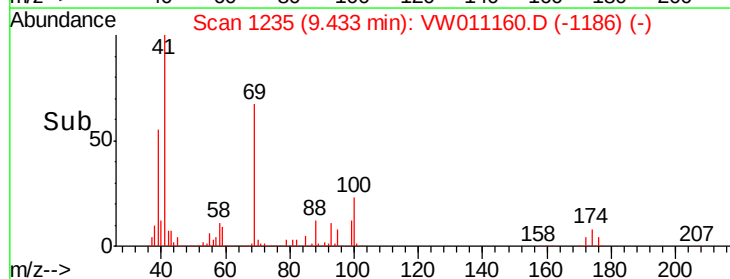
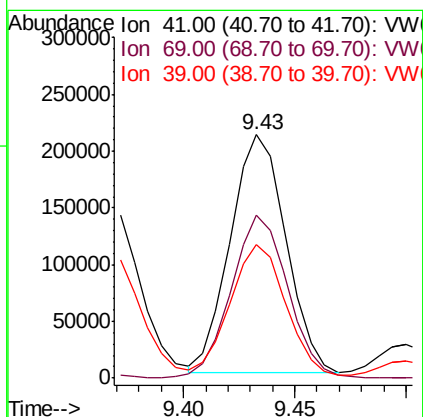
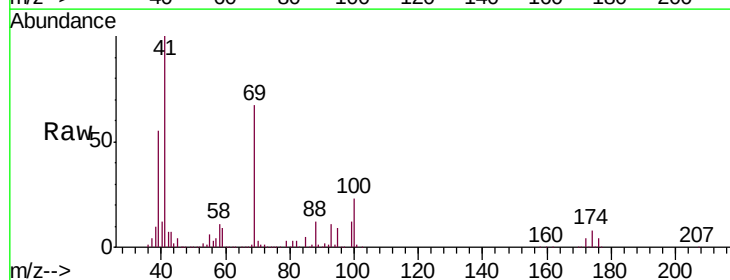
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

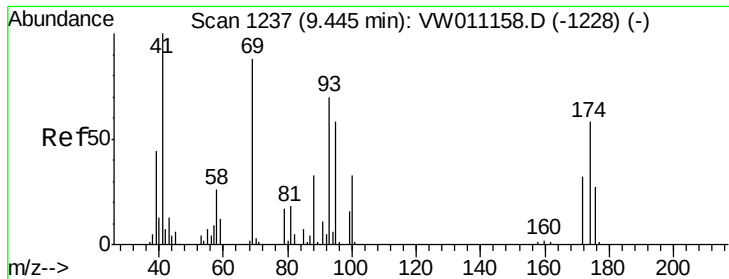
Tgt Ion: 83 Resp: 569024
 Ion Ratio Lower Upper
 83 100
 85 63.9 51.0 76.4
 127 7.8 6.0 9.0



#48
 Methyl methacrylate
 Concen: 160.311 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

Tgt Ion: 41 Resp: 364620
 Ion Ratio Lower Upper
 41 100
 69 70.0 56.0 84.0
 39 54.3 43.5 65.3

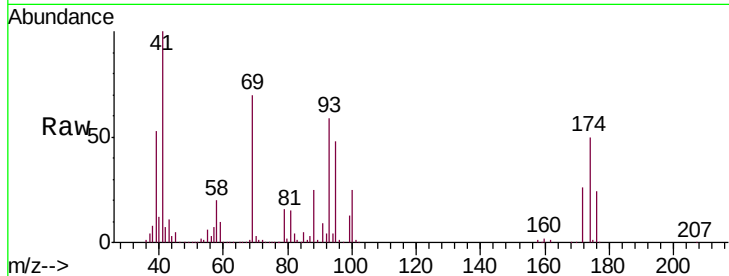




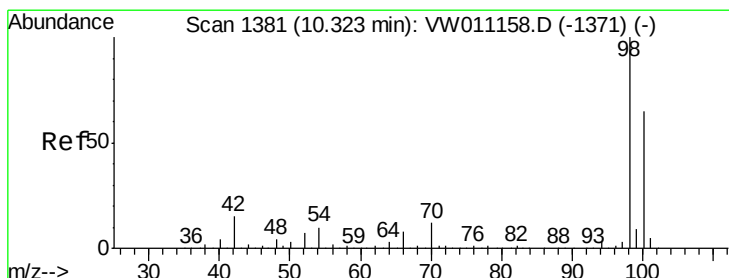
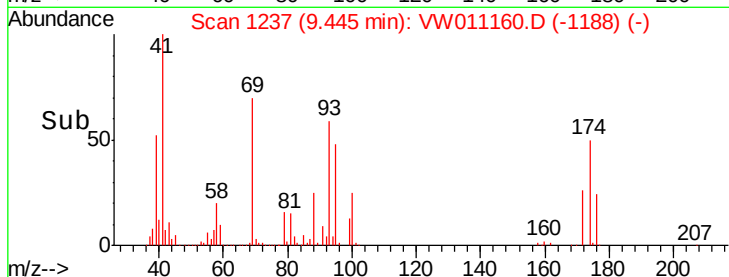
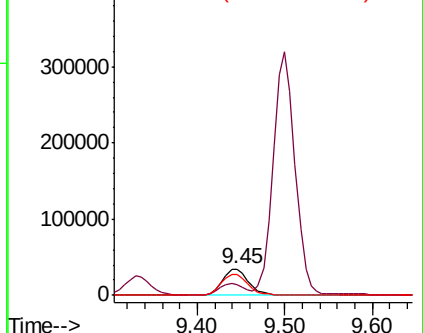
#49
1,4-Dioxane
Concen: 2949.785 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 72140
Ion Ratio Lower Upper
88 100
43 44.0 33.4 50.0
58 84.2 64.5 96.7

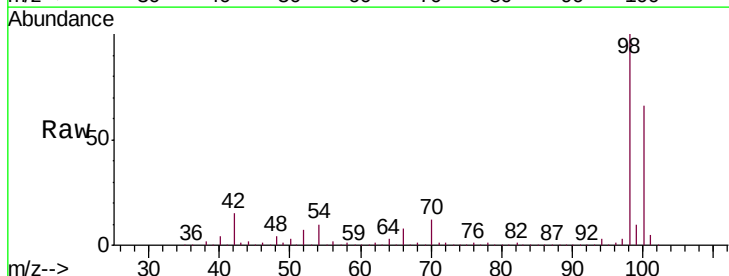


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

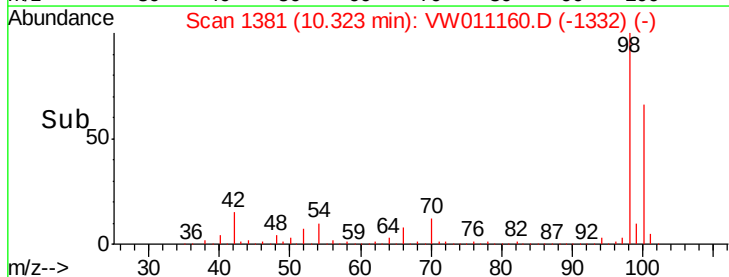
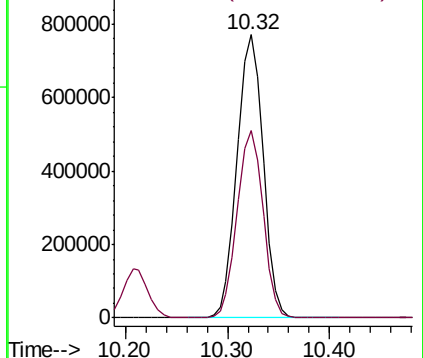


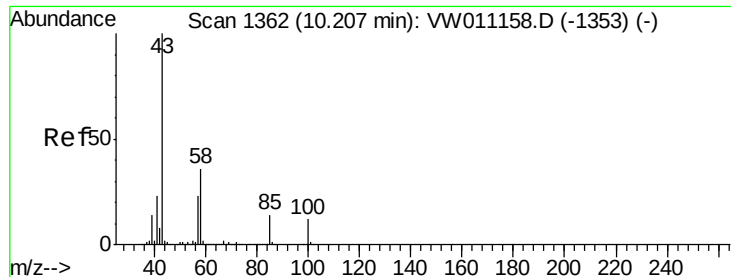
#50
Toluene-d8
Concen: 144.994 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

Tgt Ion: 98 Resp: 1367179
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

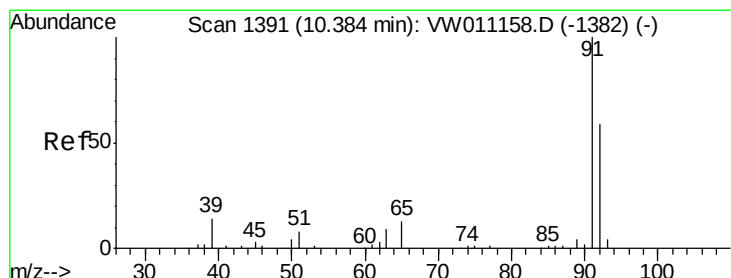
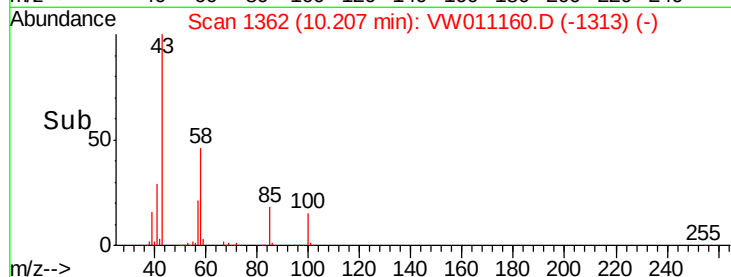
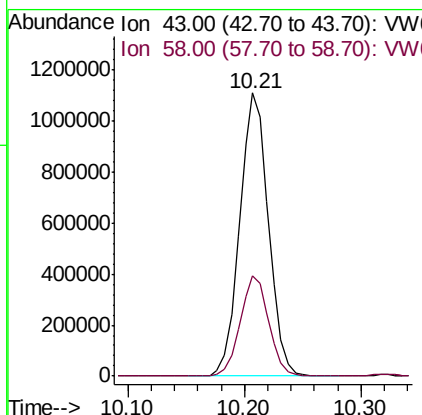
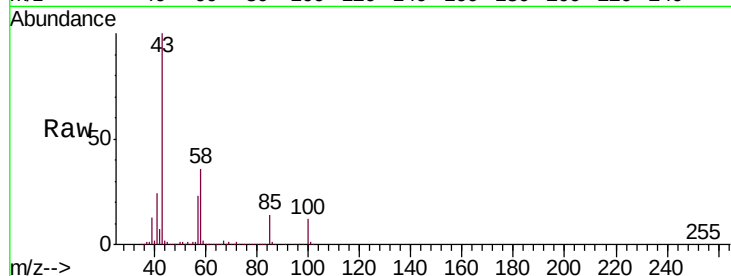




#51
4-Methyl-2-Pentanone
Concen: 768.778 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

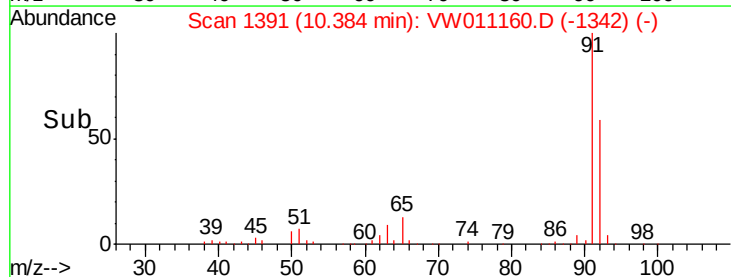
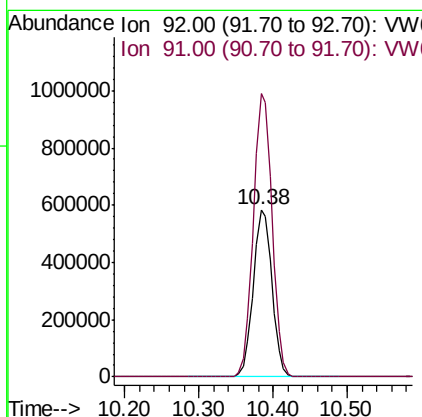
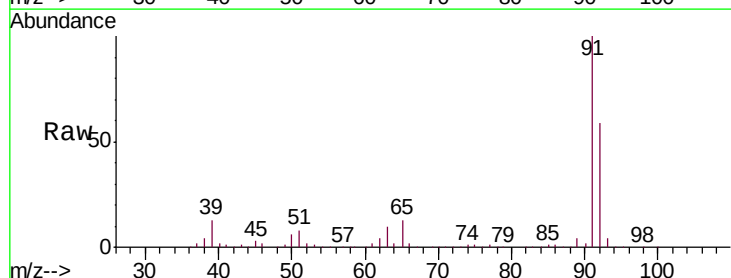
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

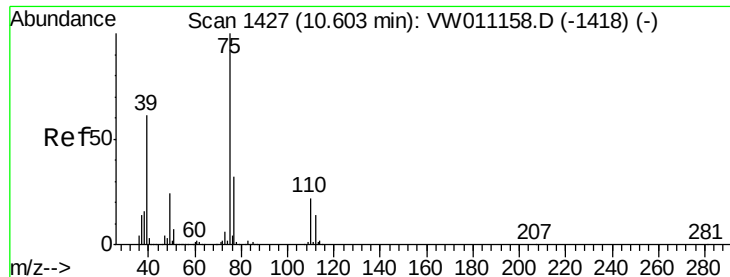
Tgt Ion: 43 Resp: 1898571
Ion Ratio Lower Upper
43 100
58 35.3 28.2 42.2



#52
Toluene
Concen: 147.341 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

Tgt Ion: 92 Resp: 1029457
Ion Ratio Lower Upper
92 100
91 170.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 157.461 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

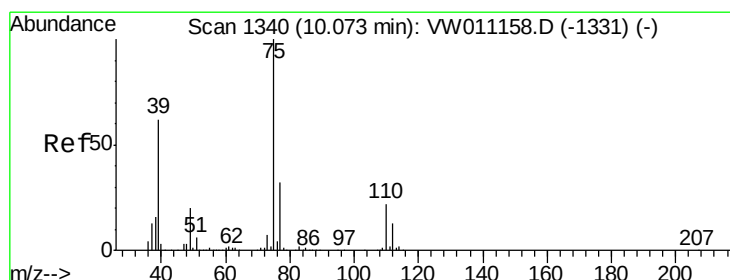
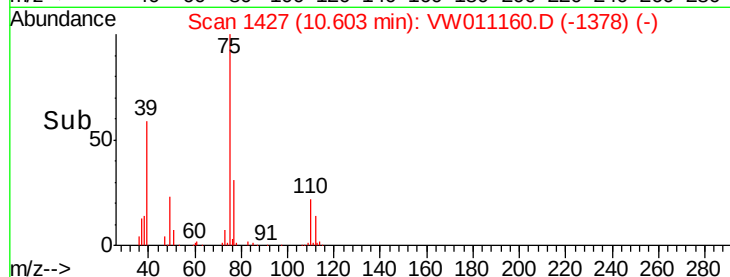
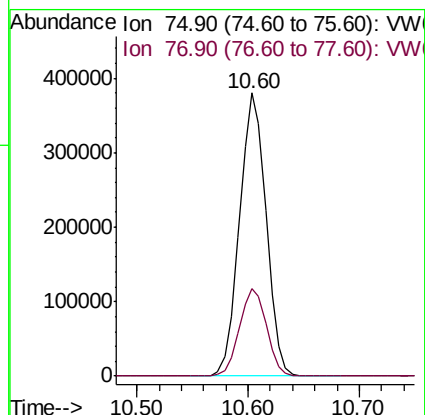
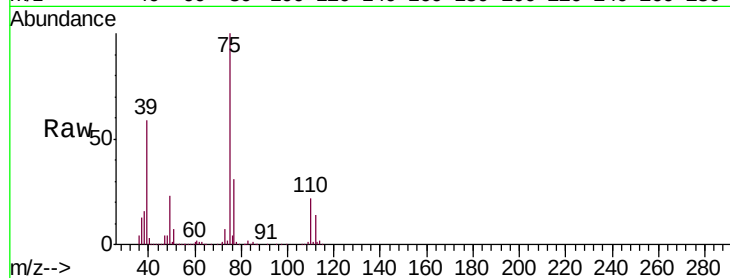
VSTDIC150

Tgt Ion: 75 Resp: 628333

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 153.911 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

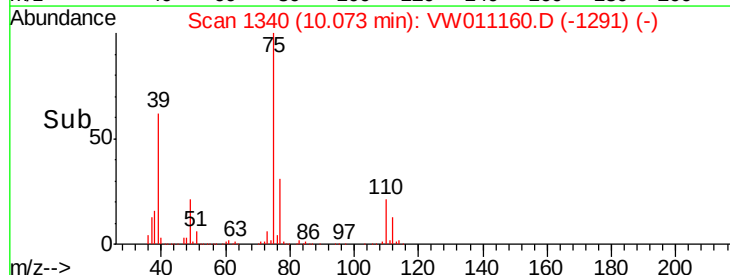
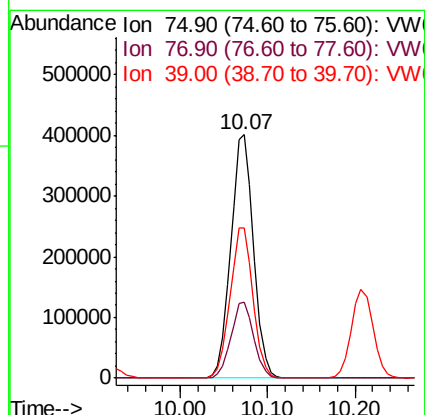
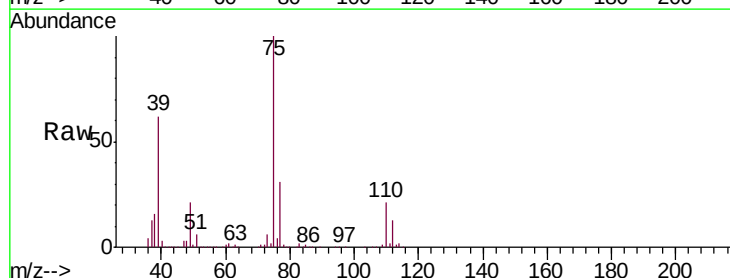
Tgt Ion: 75 Resp: 722906

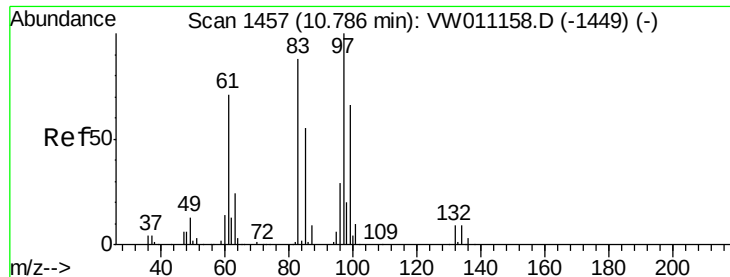
Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5

39 61.7 49.8 74.8

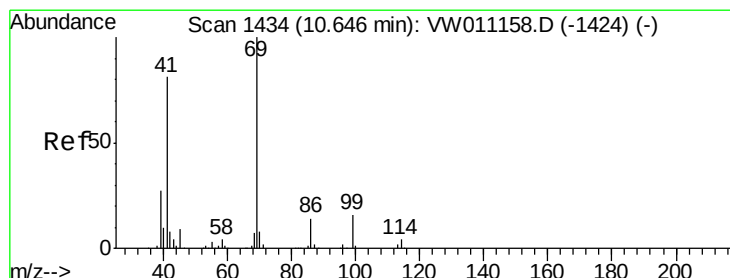
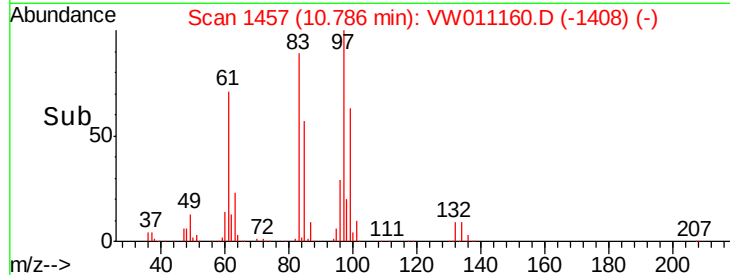
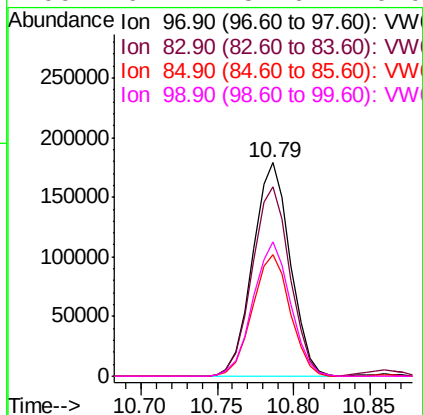
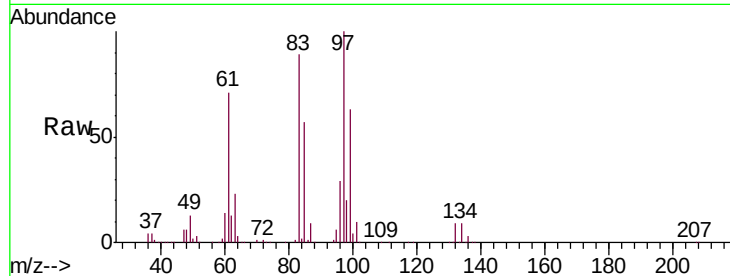




#55
 1,1,2-Trichloroethane
 Concen: 147.210 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

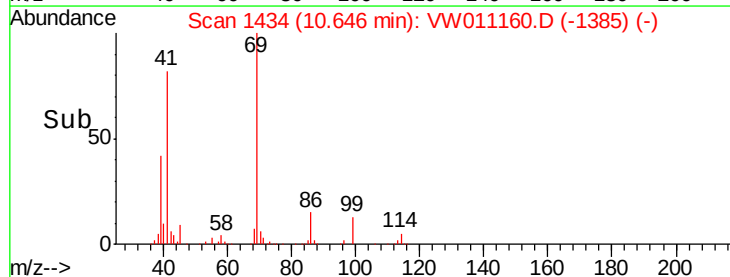
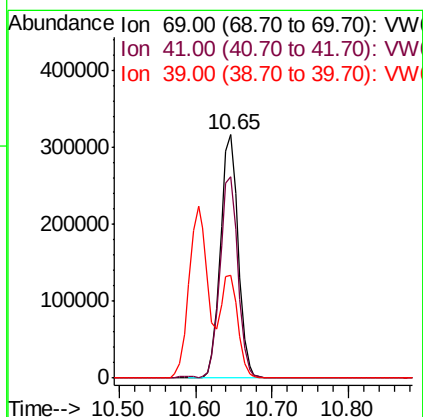
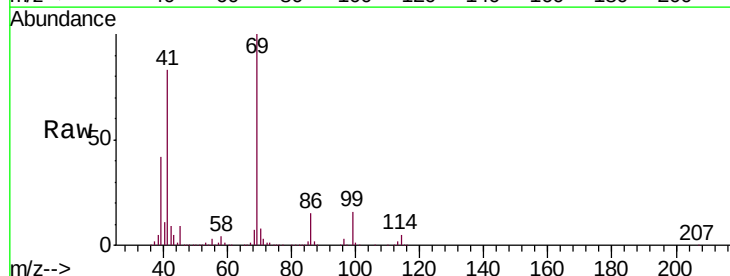
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

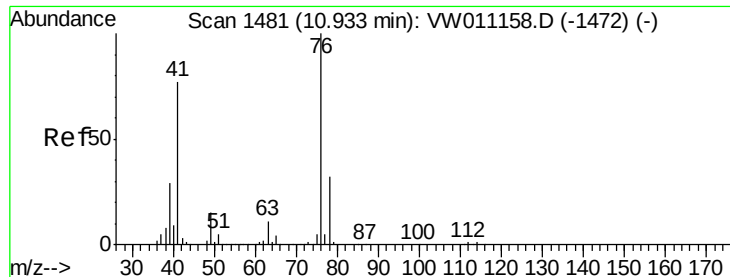
Tgt Ion:	97	Resp:	305985
Ion	Ratio	Lower	Upper
97	100		
83	89.0	70.2	105.4
85	57.1	44.2	66.2
99	62.7	52.6	79.0



#56
 Ethyl methacrylate
 Concen: 159.821 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

Tgt Ion:	69	Resp:	505763
Ion	Ratio	Lower	Upper
69	100		
41	83.3	66.5	99.7
39	39.1	32.5	48.7

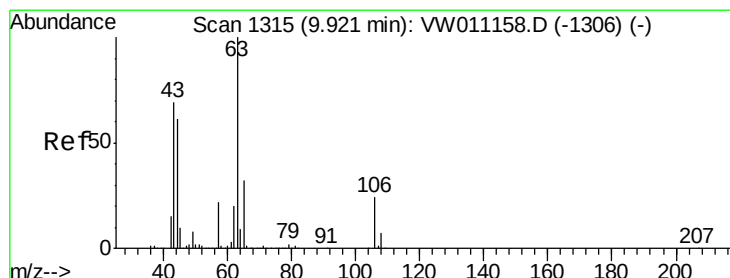
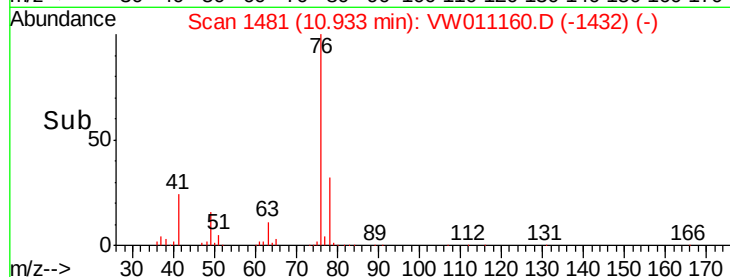
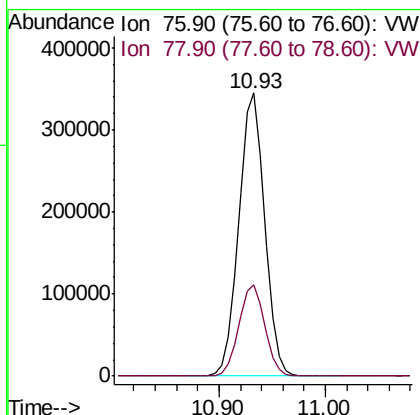
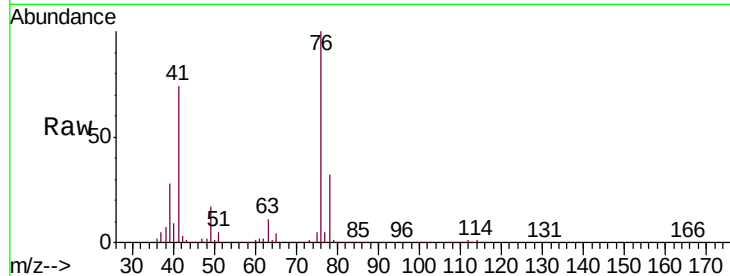




#57
 1,3-Dichloropropane
 Concen: 149.661 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

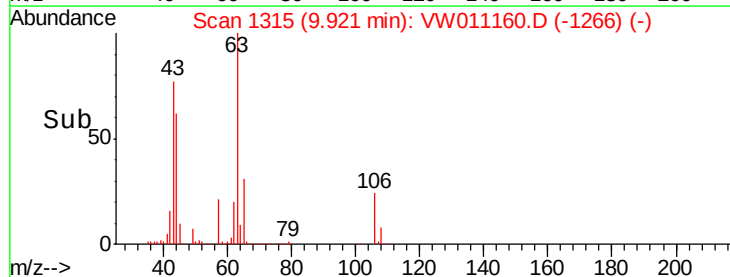
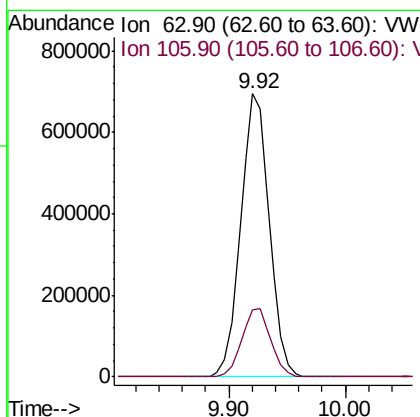
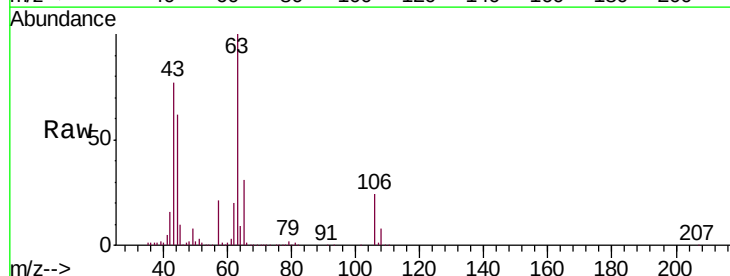
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

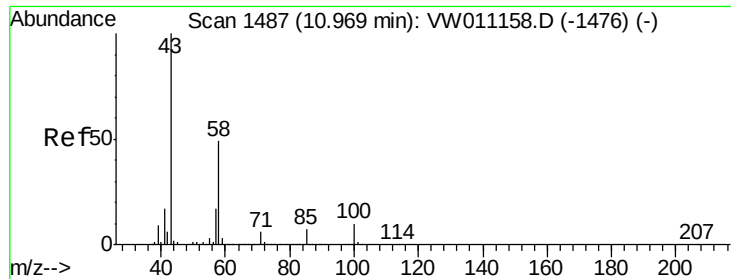
Tgt Ion: 76 Resp: 588247
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 806.073 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

Tgt Ion: 63 Resp: 1182579
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.4 29.0

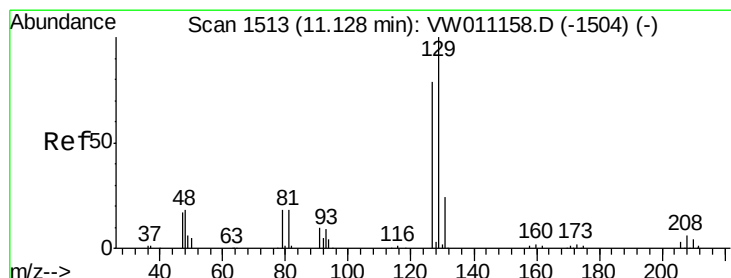
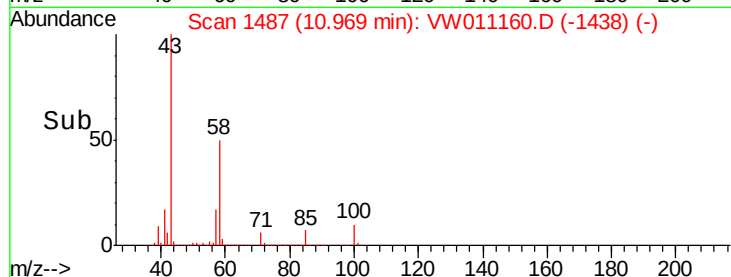
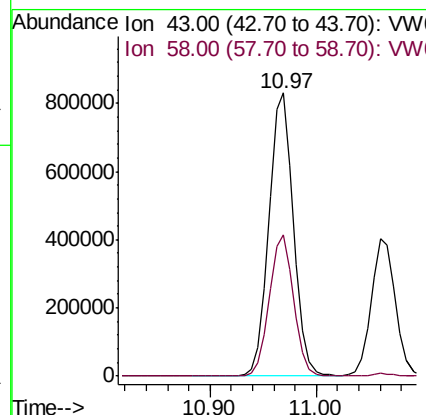
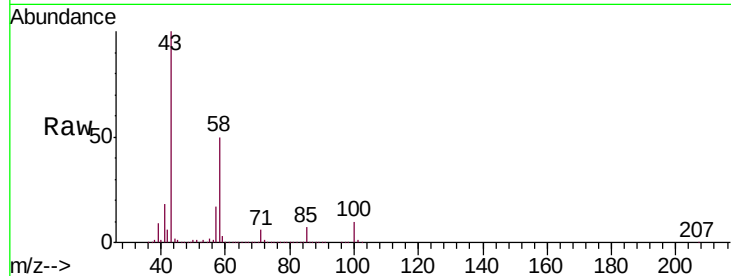




#59
2-Hexanone
Concen: 779.085 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

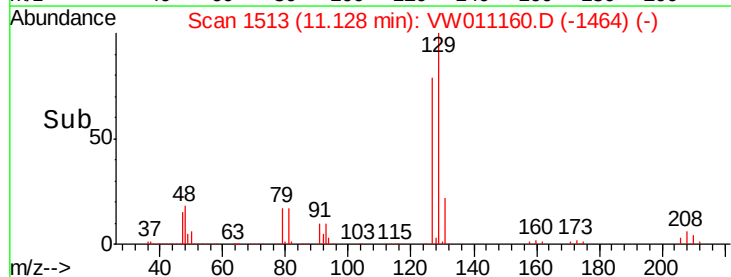
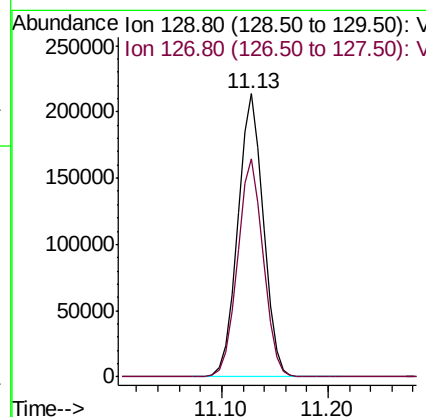
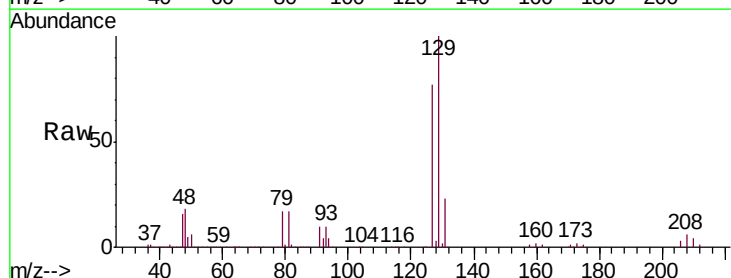
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

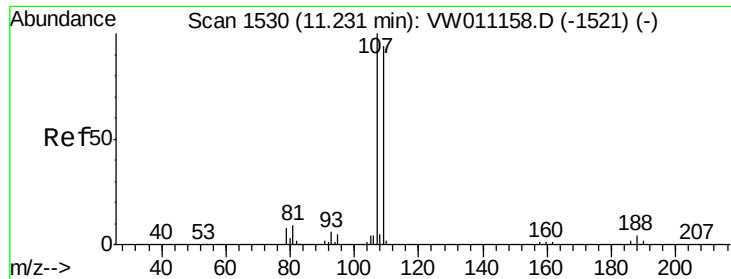
Tgt Ion: 43 Resp: 1334312
Ion Ratio Lower Upper
43 100
58 49.6 24.4 73.4



#60
Dibromochloromethane
Concen: 157.704 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

Tgt Ion: 129 Resp: 359451
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.3

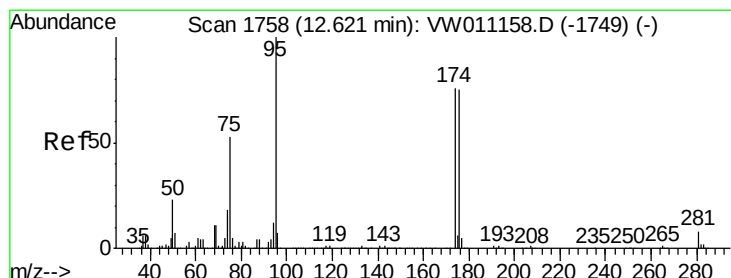
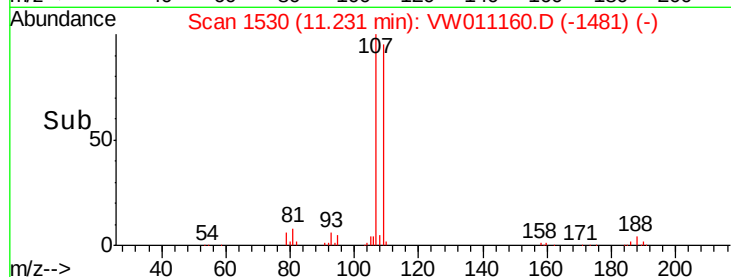
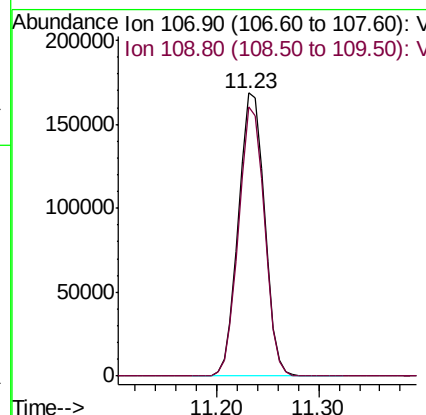
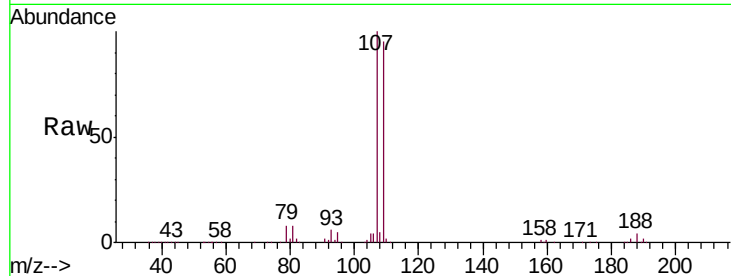




#61
 1,2-Dibromoethane
 Concen: 151.375 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

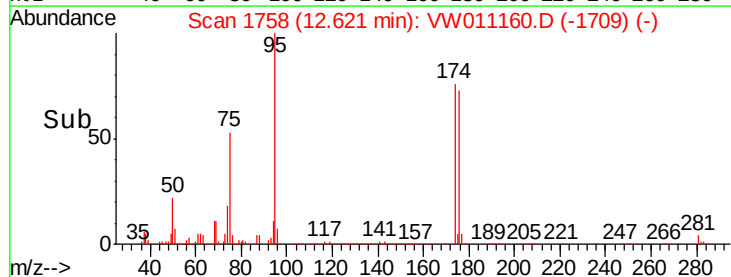
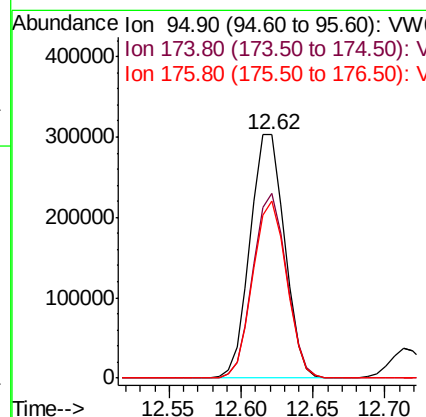
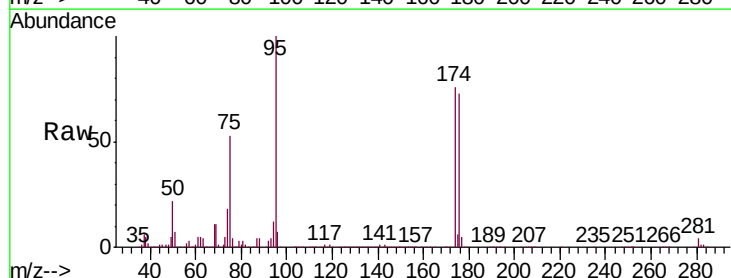
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

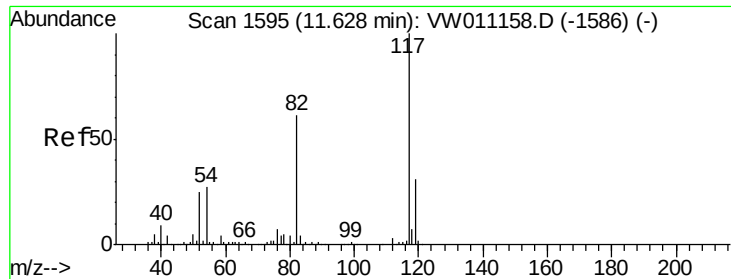
Tgt Ion: 107 Resp: 298037
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 145.177 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

Tgt Ion: 95 Resp: 501752
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 147.6
 176 71.7 0.0 144.6

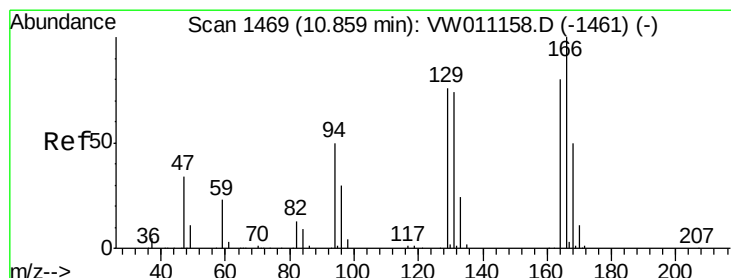
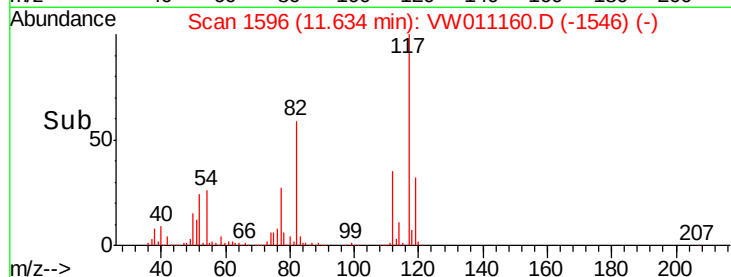
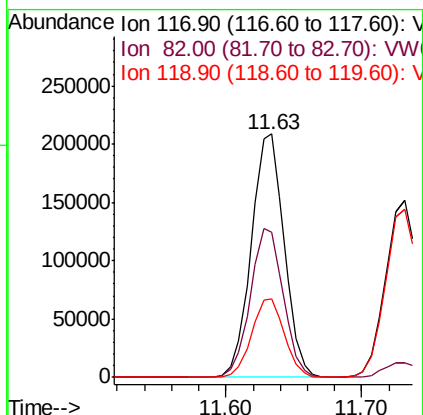
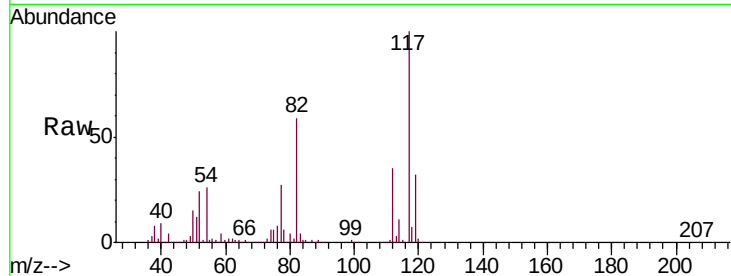




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

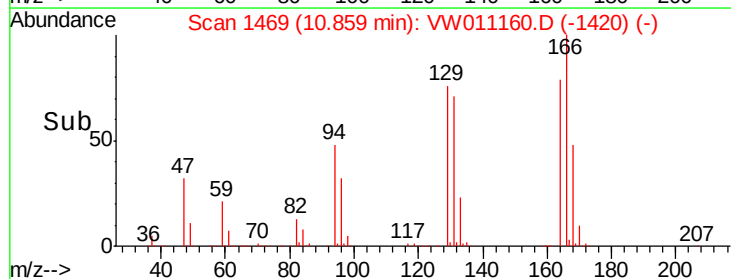
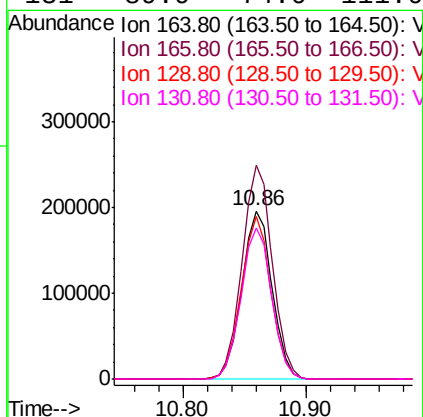
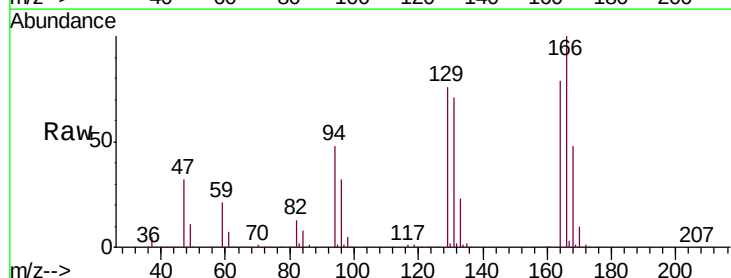
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

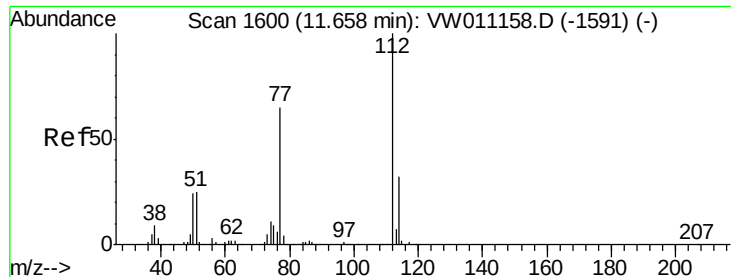
Tgt Ion:117 Resp: 354563
Ion Ratio Lower Upper
117 100
82 59.4 48.9 73.3
119 32.4 25.0 37.6



#64
Tetrachloroethene
Concen: 140.132 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

Tgt Ion:164 Resp: 335269
Ion Ratio Lower Upper
164 100
166 127.0 99.7 149.5
129 96.9 76.2 114.2
131 89.9 74.0 111.0

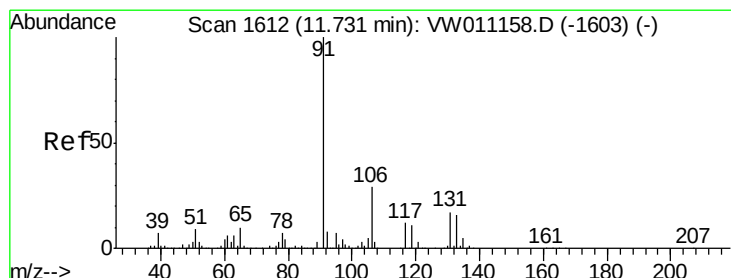
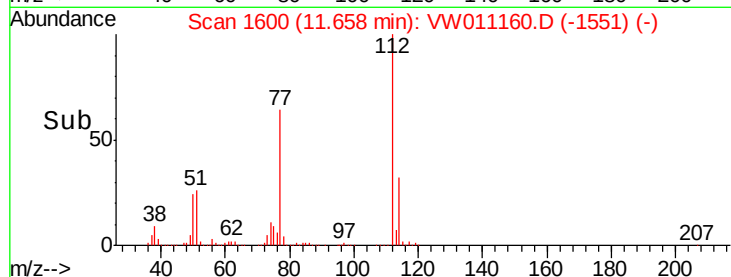
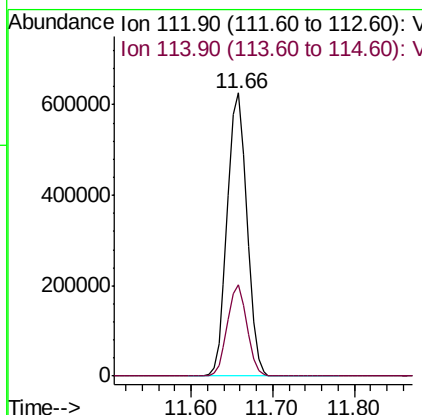
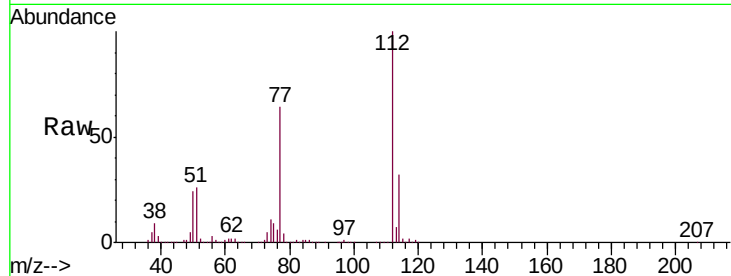




#65
Chlorobenzene
Concen: 144.694 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

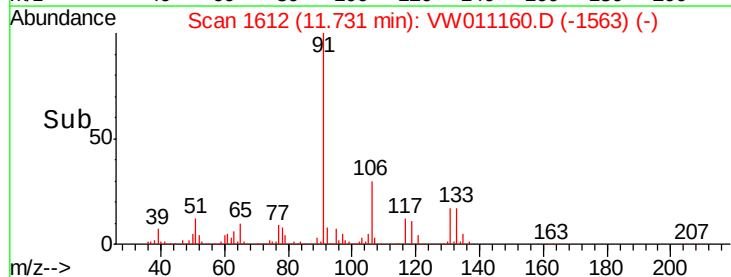
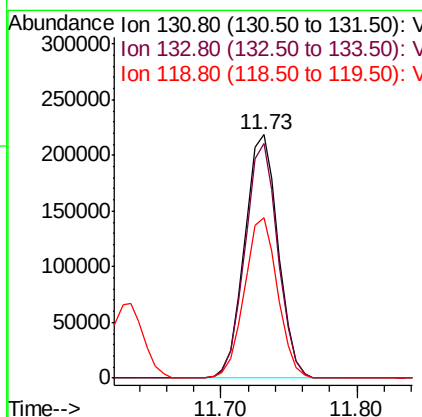
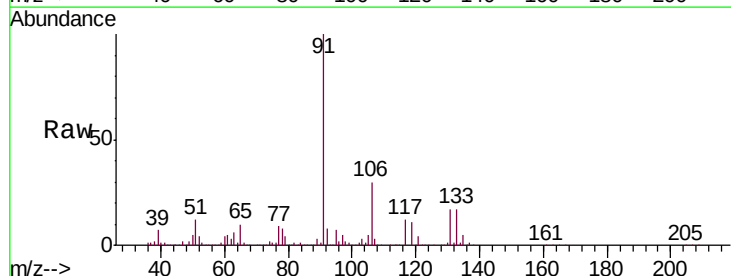
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

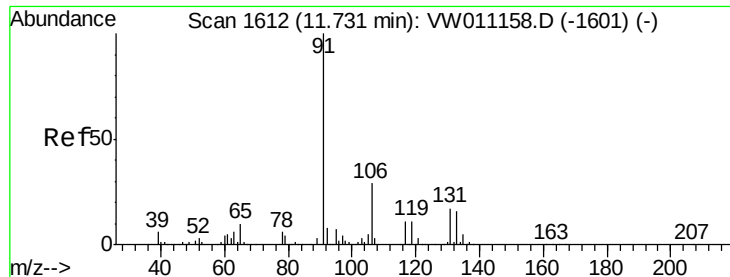
Tgt Ion:112 Resp: 1043056
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 148.576 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

Tgt Ion:131 Resp: 377112
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.8
119 65.2 33.1 99.2





#67

Ethyl Benzene

Concen: 145.969 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

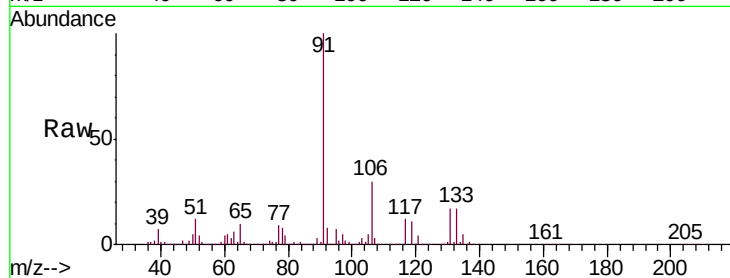
VSTDIC150

Tgt Ion: 91 Resp: 2014373

Ion Ratio Lower Upper

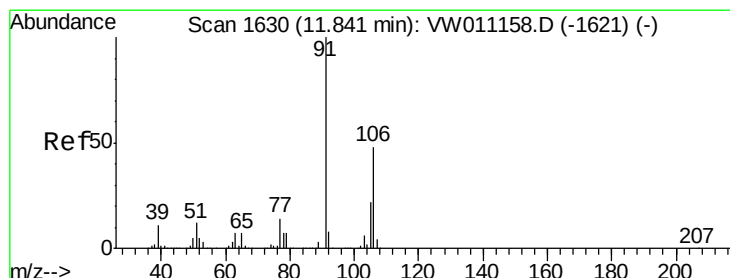
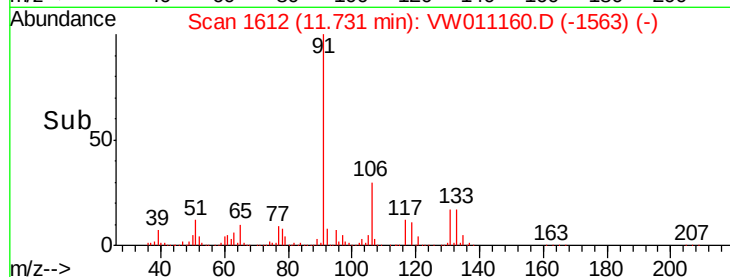
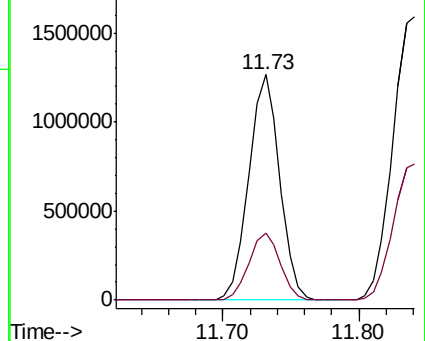
91 100

106 29.8 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 290.592 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW011160.D

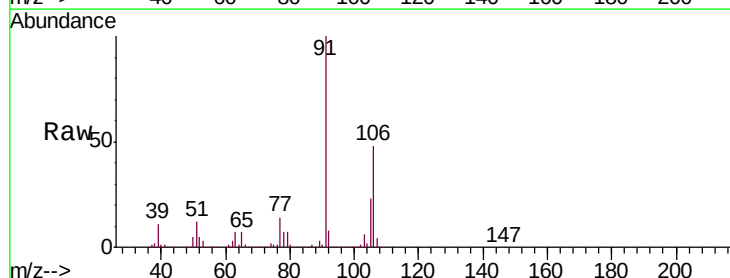
Acq: 08 Jul 2019 12:55

Tgt Ion: 106 Resp: 1451043

Ion Ratio Lower Upper

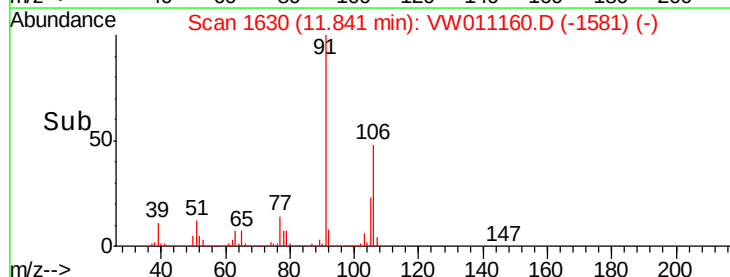
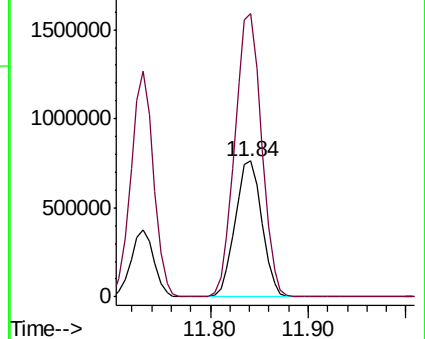
106 100

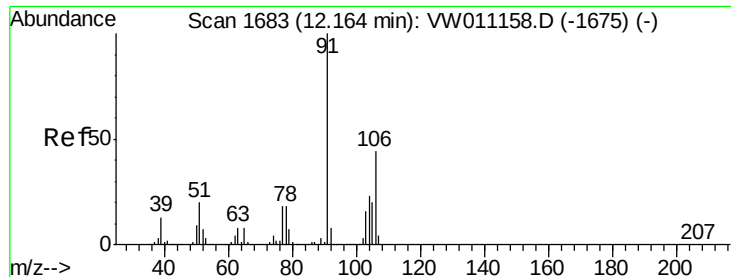
91 207.9 167.7 251.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

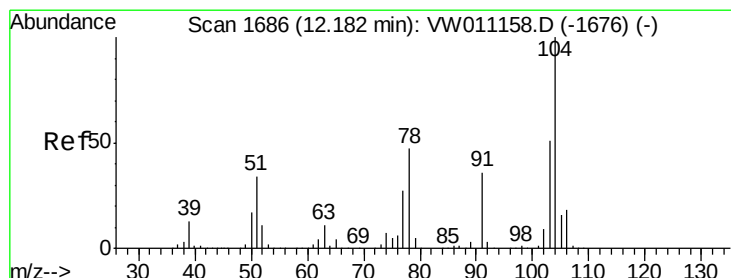
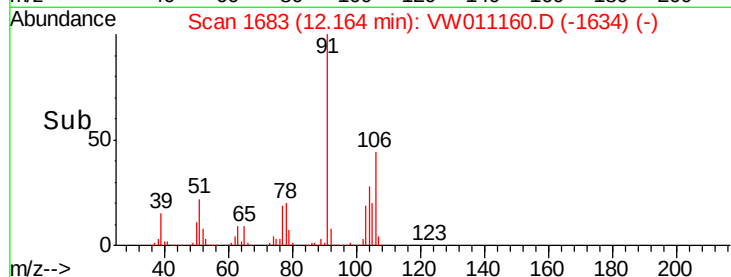
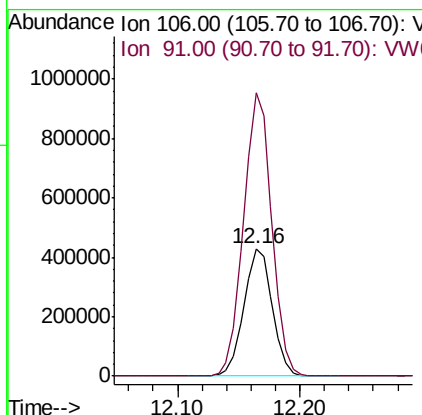
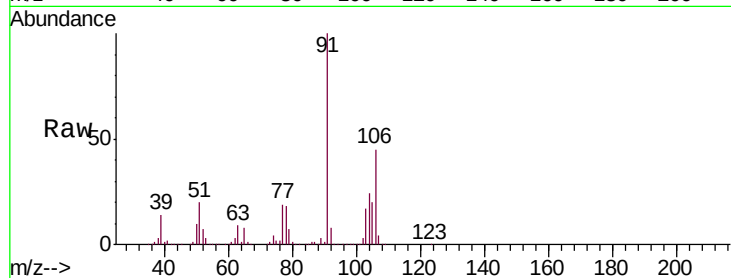




#69
o-Xylene
Concen: 146.588 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

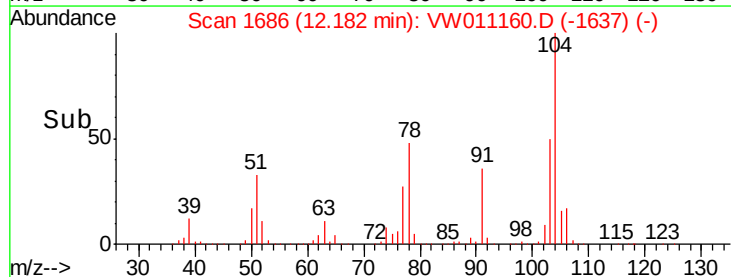
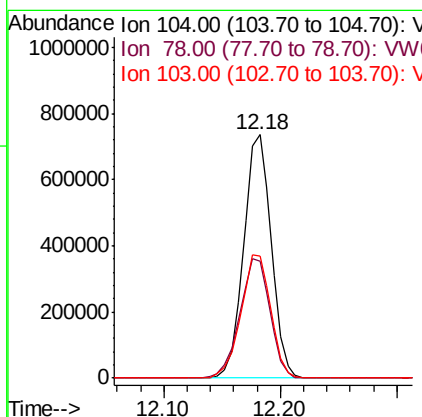
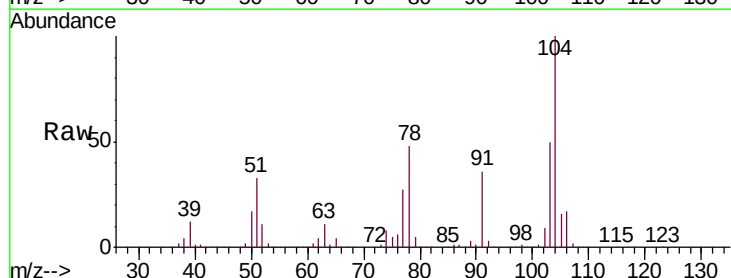
Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

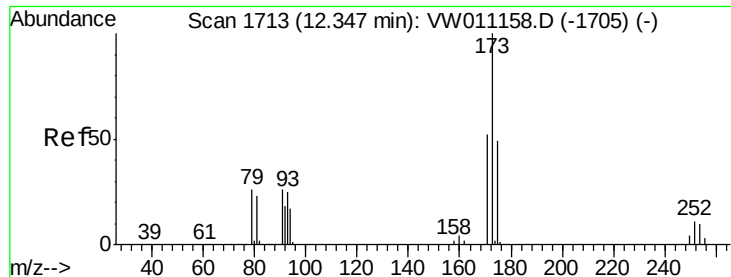
Tgt Ion:106 Resp: 689897
Ion Ratio Lower Upper
106 100
91 221.0 110.7 332.1



#70
Styrene
Concen: 149.500 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

Tgt Ion:104 Resp: 1214290
Ion Ratio Lower Upper
104 100
78 53.9 43.1 64.7
103 54.7 44.1 66.1

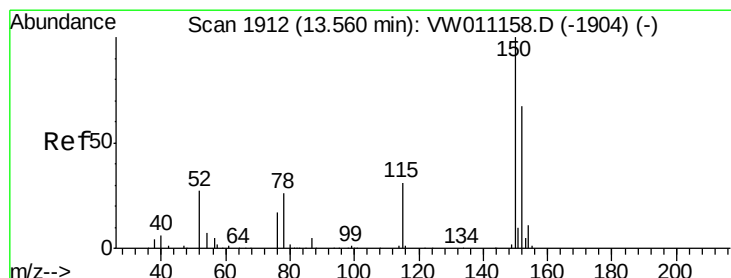
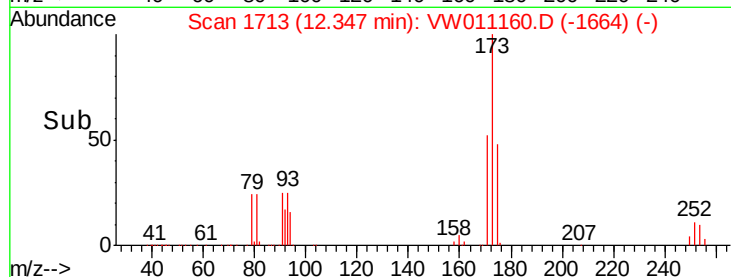
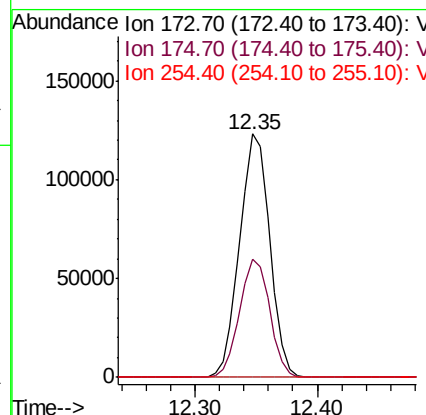
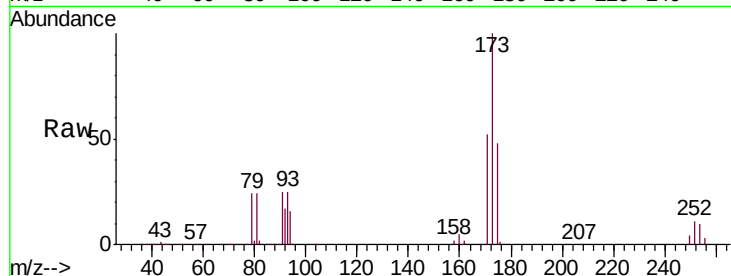




#71
Bromoform
Concen: 155.319 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

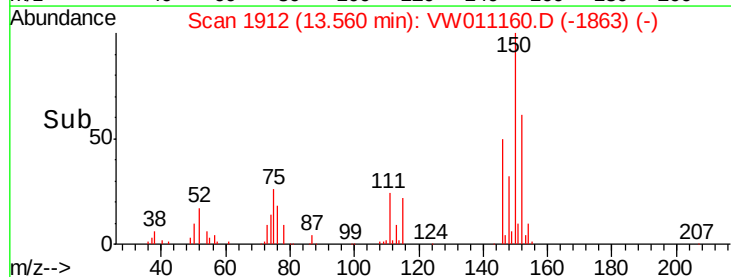
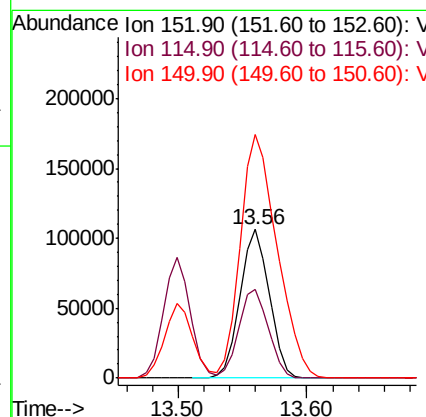
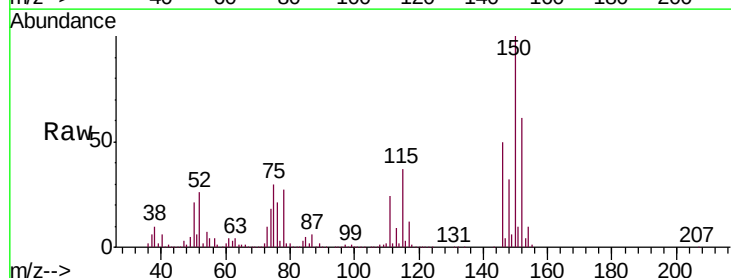
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

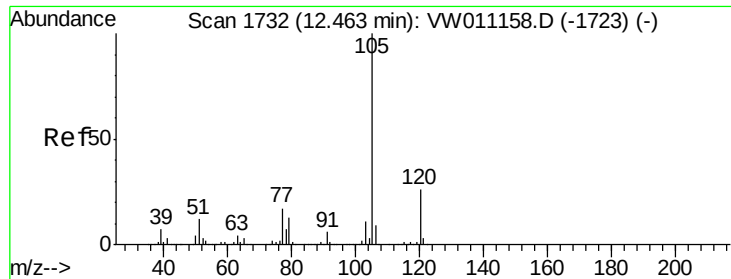
Tgt Ion:173 Resp: 209604
Ion Ratio Lower Upper
173 100
175 48.6 24.8 74.3
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

Tgt Ion:152 Resp: 167818
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.3
150 204.2 0.0 346.0





#73

Isopropylbenzene

Concen: 148.143 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

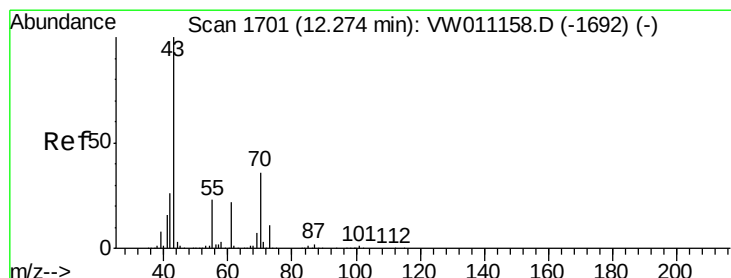
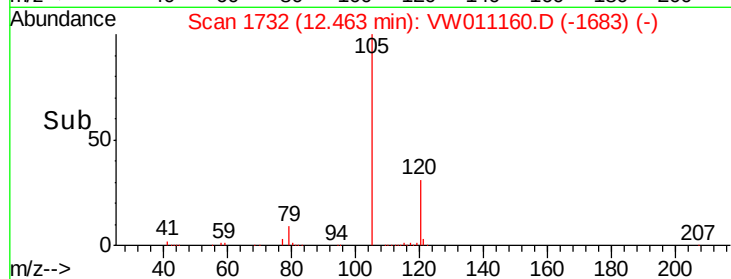
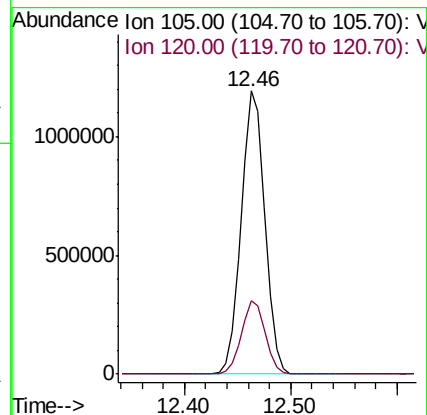
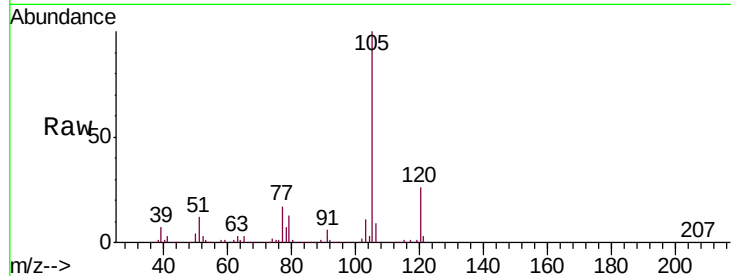
VSTDIC150

Tgt Ion:105 Resp: 1858457

Ion Ratio Lower Upper

105 100

120 26.0 12.8 38.3



#74

N-ethyl acetate

Concen: 157.030 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

Tgt Ion: 43 Resp: 686080

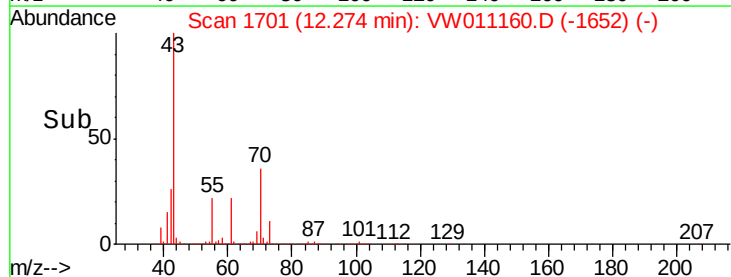
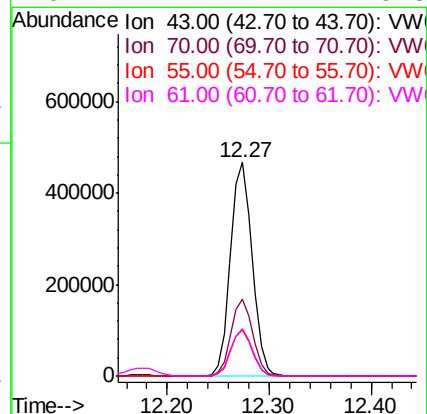
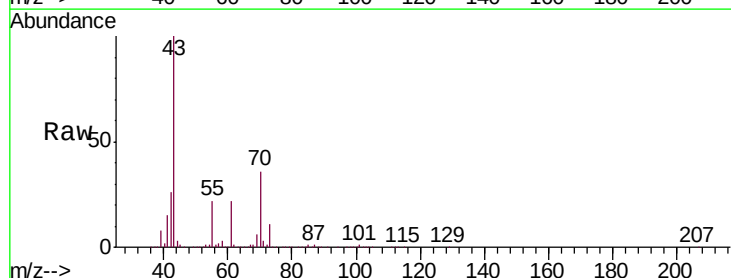
Ion Ratio Lower Upper

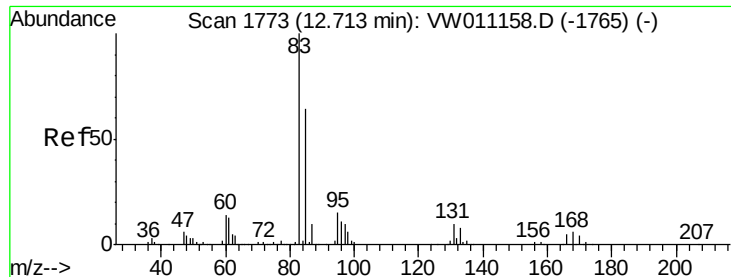
43 100

70 35.9 28.5 42.7

55 21.7 18.1 27.1

61 21.7 17.2 25.8





#75

1,1,2,2-Tetrachloroethane

Concen: 148.814 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

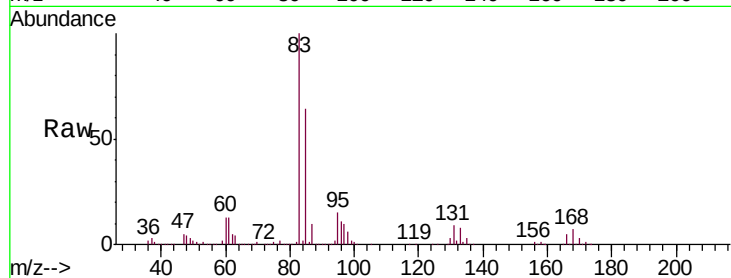
Tgt Ion: 83 Resp: 382683

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

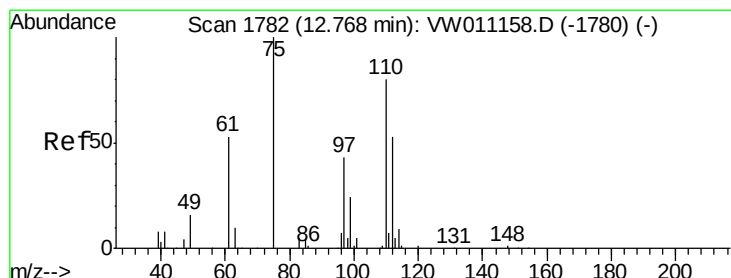
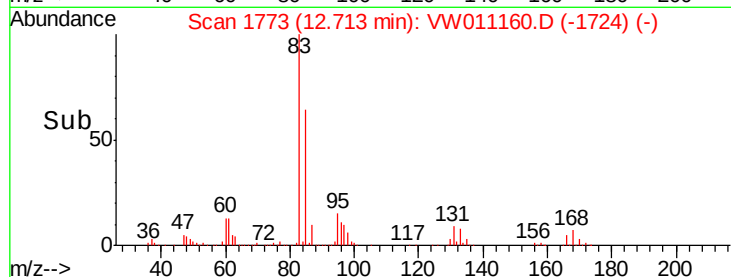
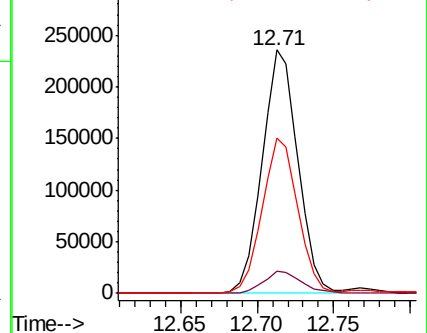
85 63.8 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 264.650 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011160.D

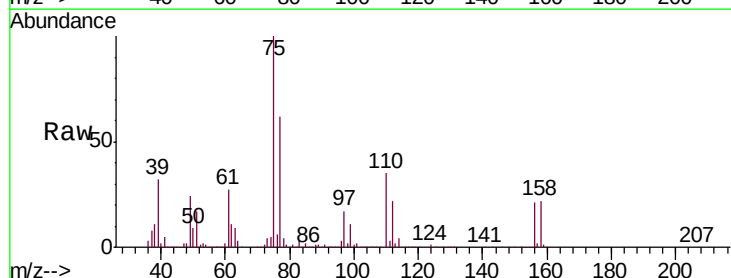
Acq: 08 Jul 2019 12:55

Tgt Ion: 75 Resp: 514640

Ion Ratio Lower Upper

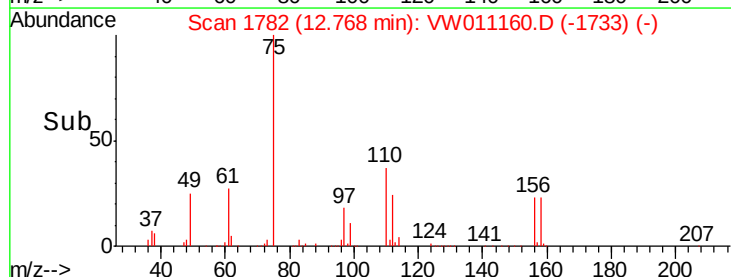
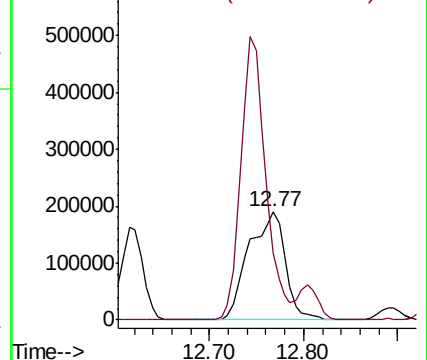
75 100

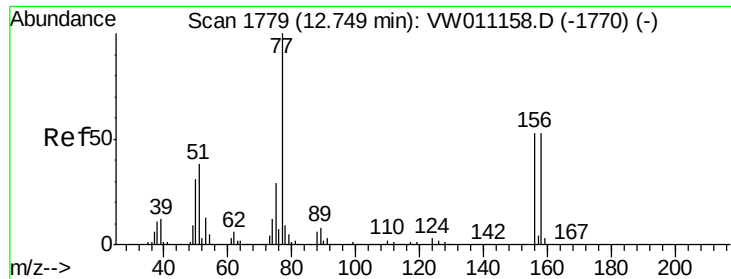
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

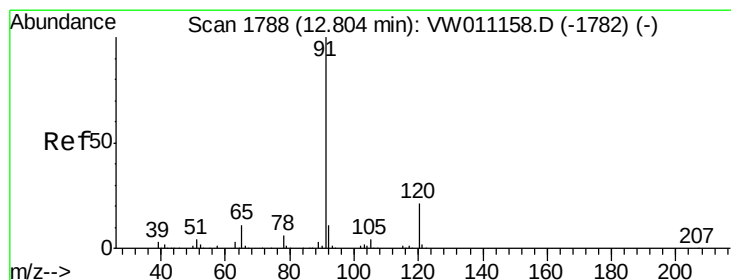
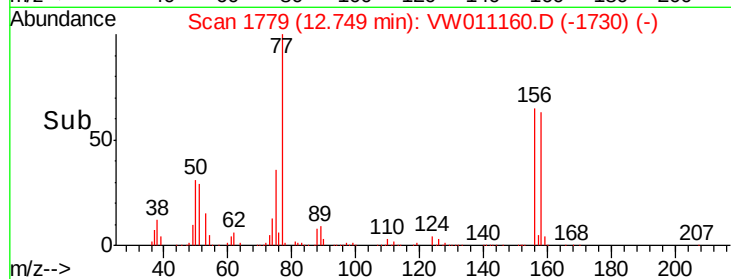
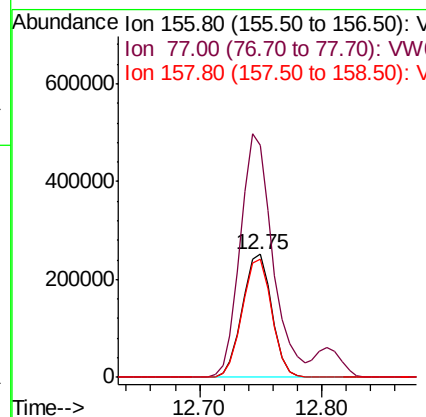
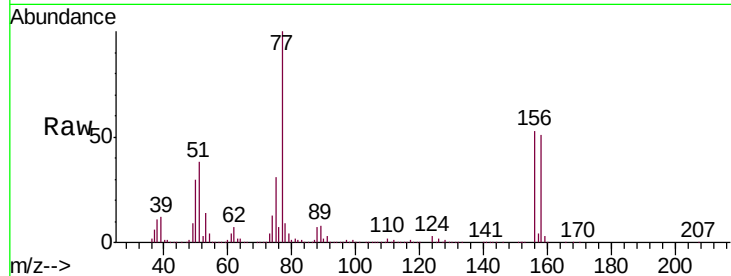




#77
Bromobenzene
Concen: 148.967 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

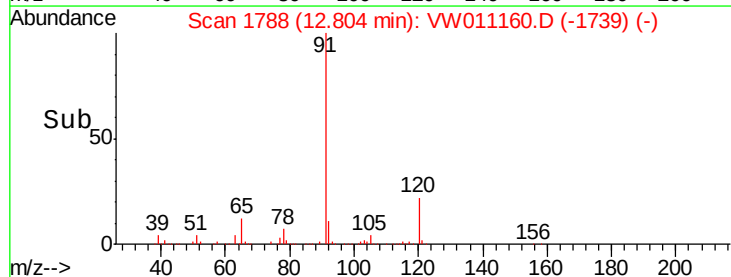
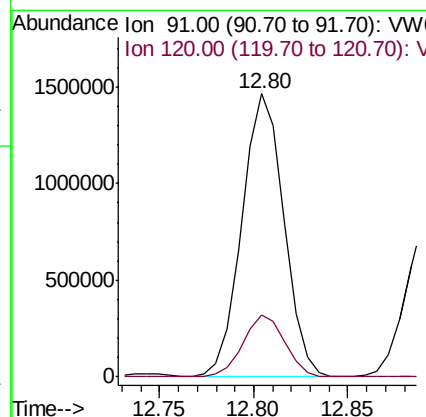
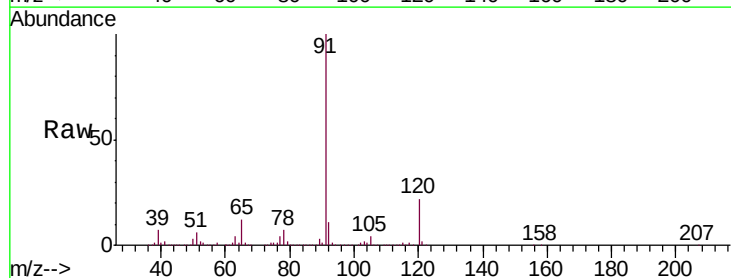
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

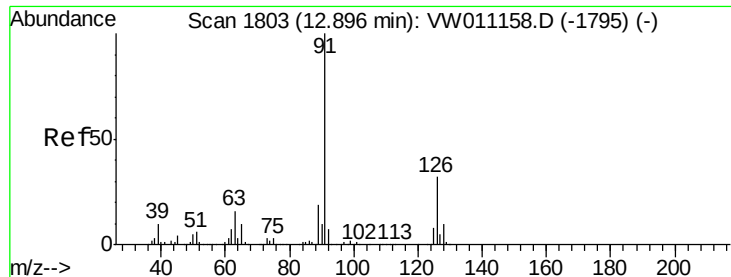
Tgt Ion:156 Resp: 419391
Ion Ratio Lower Upper
156 100
77 217.3 109.0 327.0
158 96.6 48.8 146.3



#78
n-propylbenzene
Concen: 145.962 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

Tgt Ion: 91 Resp: 2255646
Ion Ratio Lower Upper
91 100
120 21.9 10.8 32.3





#79

2-Chlorotoluene

Concen: 146.620 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

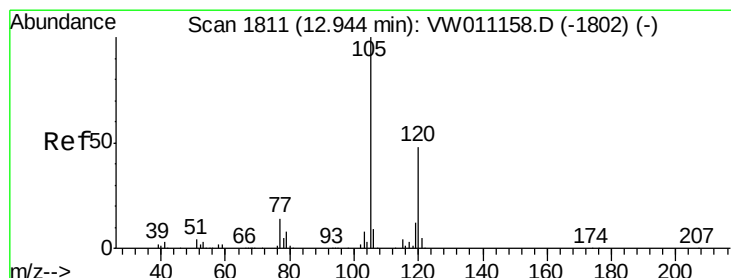
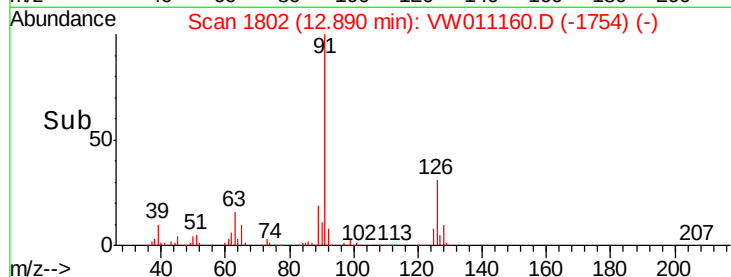
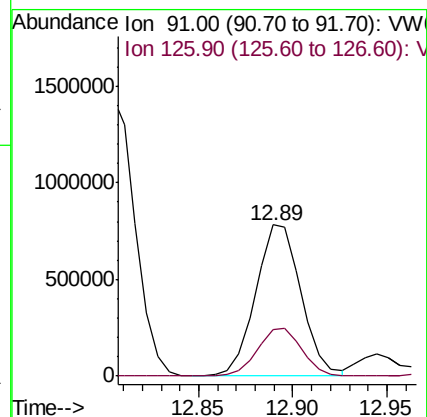
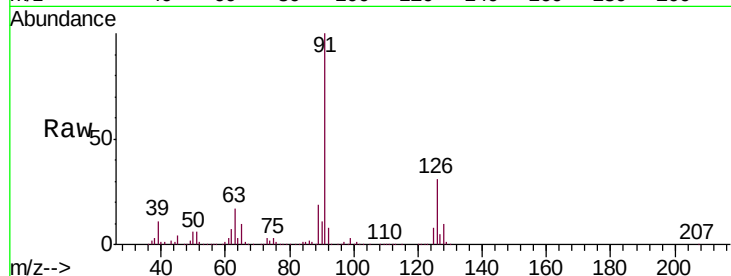
VSTDIC150

Tgt Ion: 91 Resp: 1303871

Ion Ratio Lower Upper

91 100

126 31.3 15.8 47.3



#80

1,3,5-Trimethylbenzene

Concen: 146.262 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011160.D

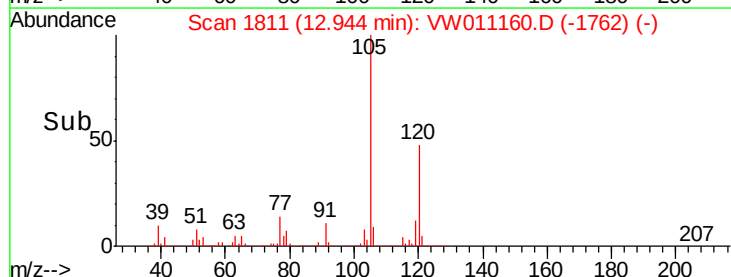
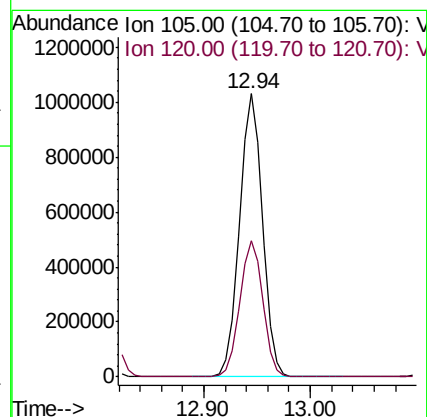
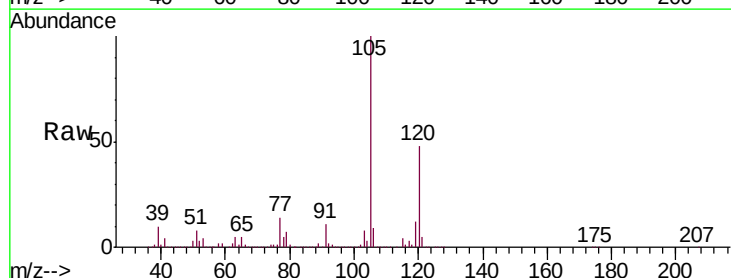
Acq: 08 Jul 2019 12:55

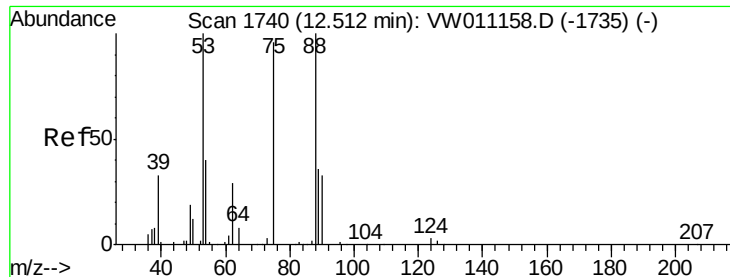
Tgt Ion: 105 Resp: 1558813

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 161.496 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

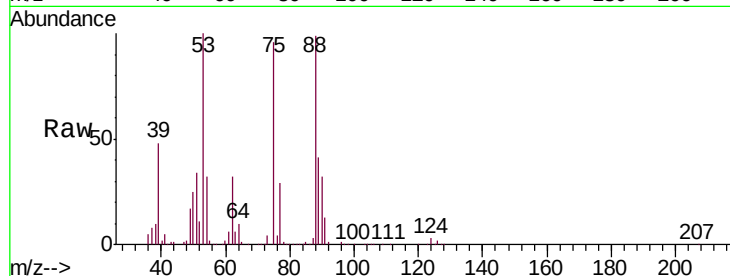
Tgt Ion: 75 Resp: 138472

Ion Ratio Lower Upper

75 100

53 106.4 89.8 134.6

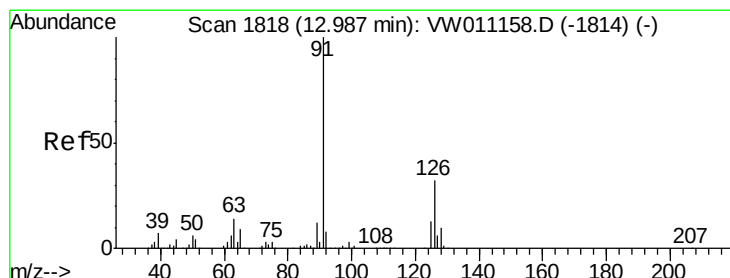
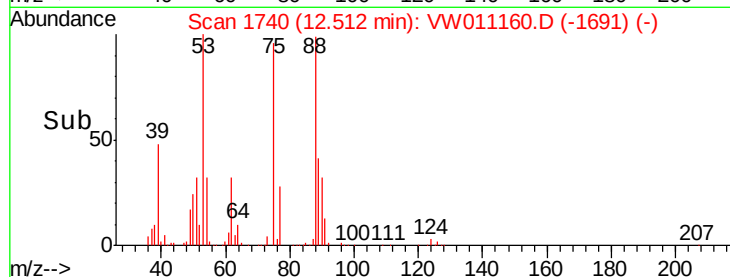
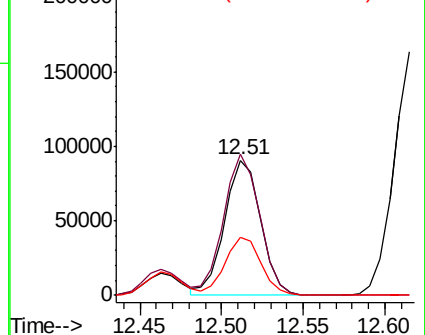
89 43.3 34.3 51.5



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 145.334 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW011160.D

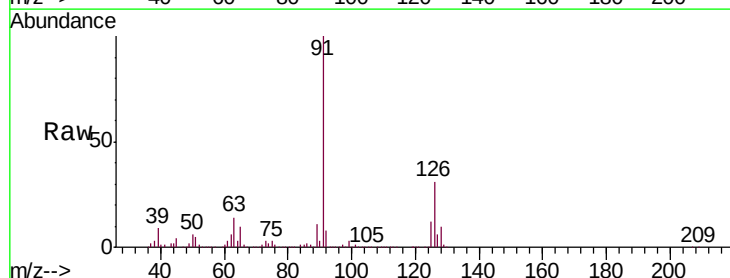
Acq: 08 Jul 2019 12:55

Tgt Ion: 91 Resp: 1346152

Ion Ratio Lower Upper

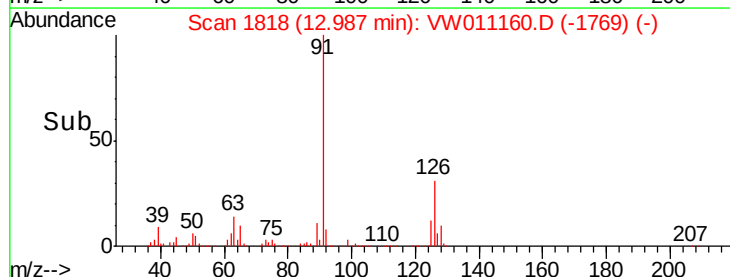
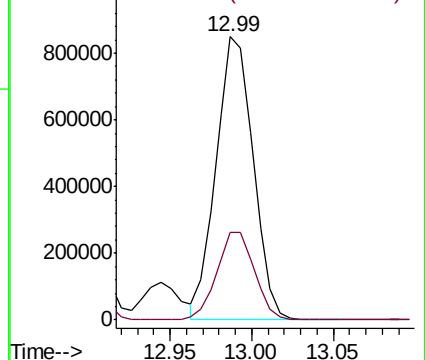
91 100

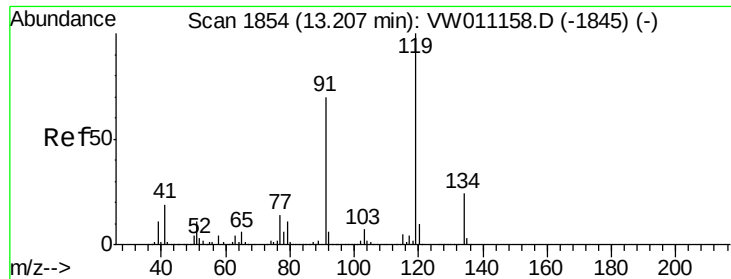
126 31.6 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): VW

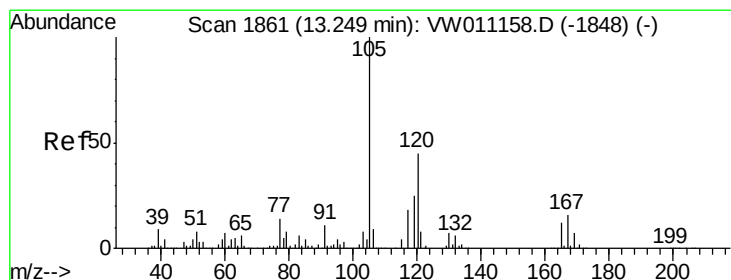
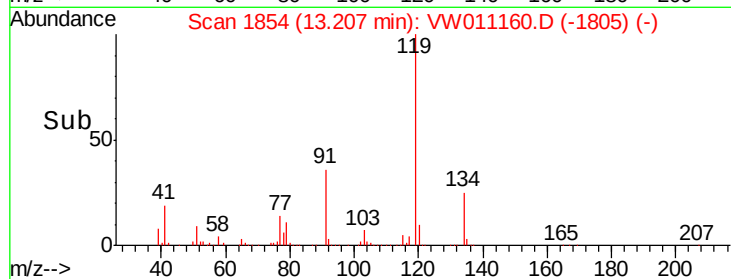
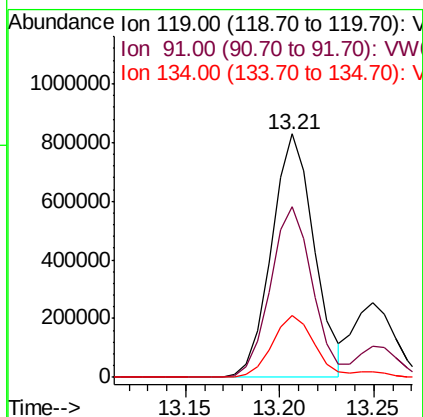
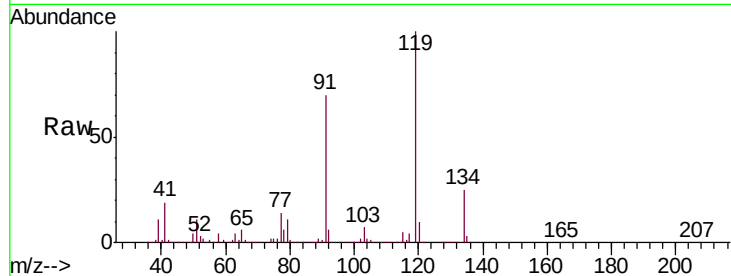




#83
 tert-Butylbenzene
 Concen: 146.333 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

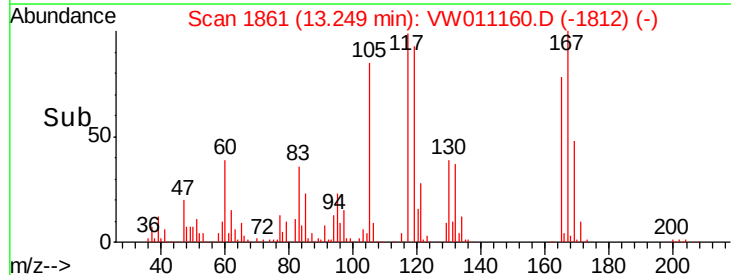
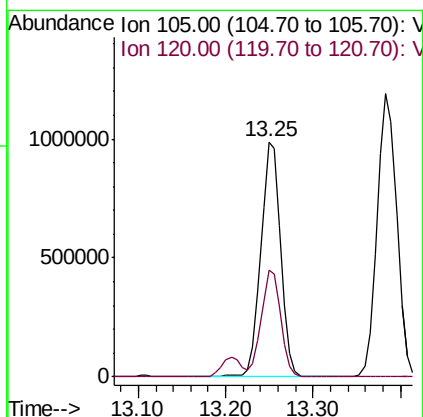
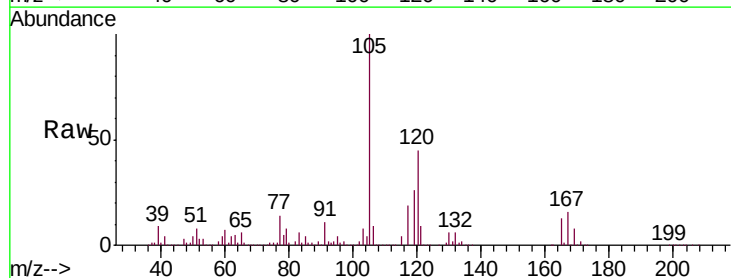
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

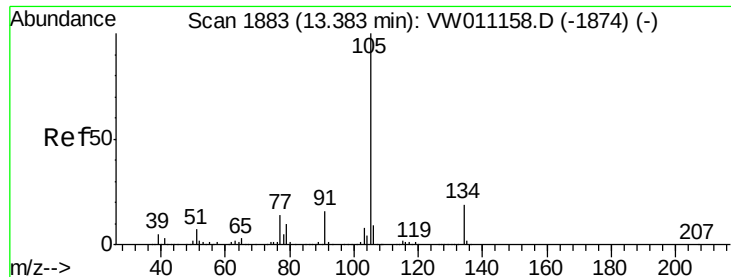
Tgt Ion:119 Resp: 1300664
 Ion Ratio Lower Upper
 119 100
 91 70.1 35.4 106.3
 134 25.2 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 145.831 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

Tgt Ion:105 Resp: 1560616
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.3 66.9

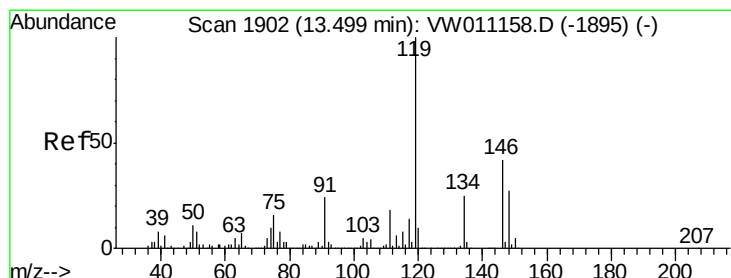
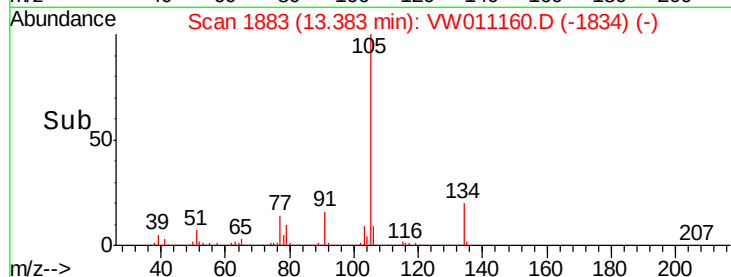
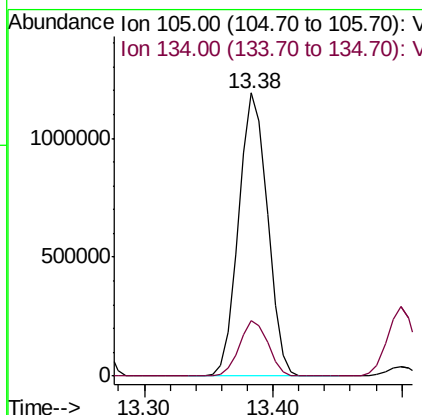
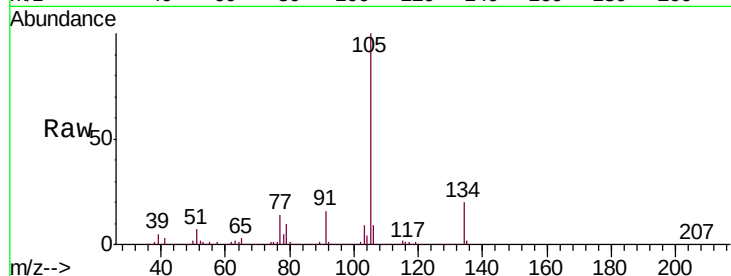




#85
 sec-Butylbenzene
 Concen: 143.962 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

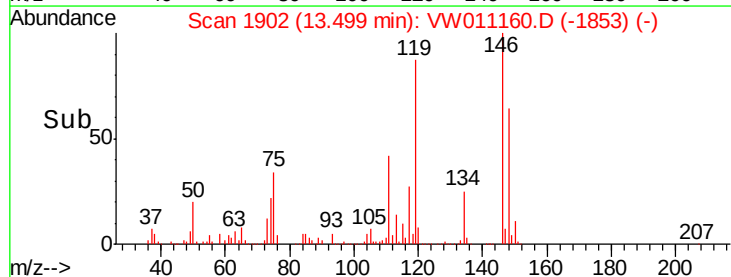
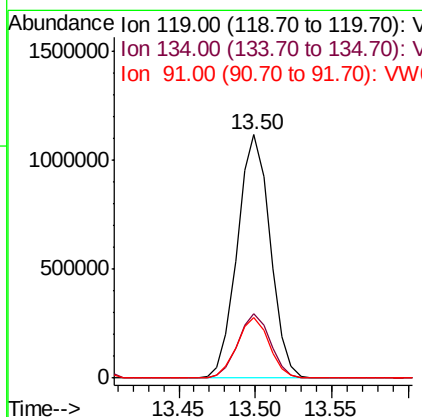
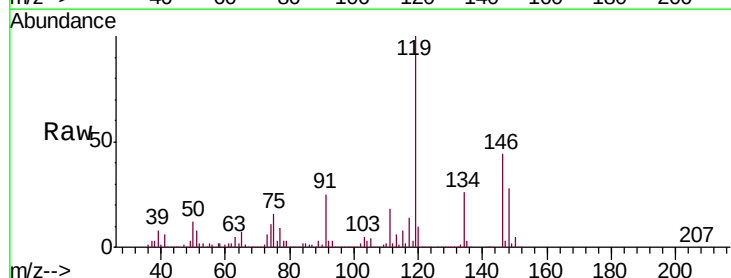
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

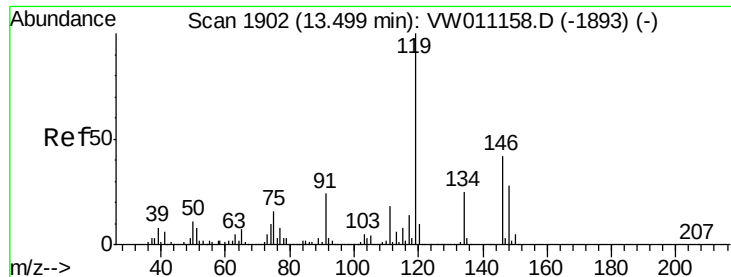
Tgt Ion:105 Resp: 1846384
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 144.477 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

Tgt Ion:119 Resp: 1661977
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 24.5 12.3 36.8

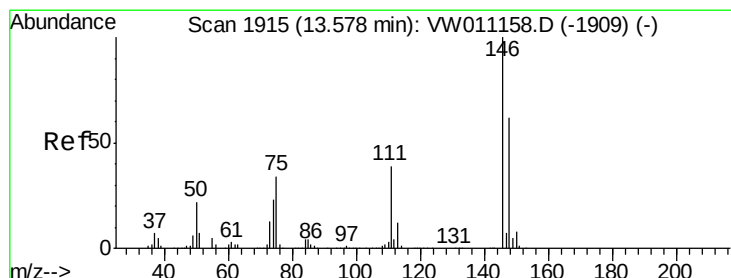
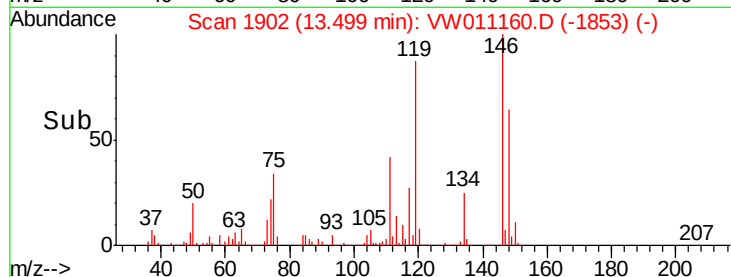
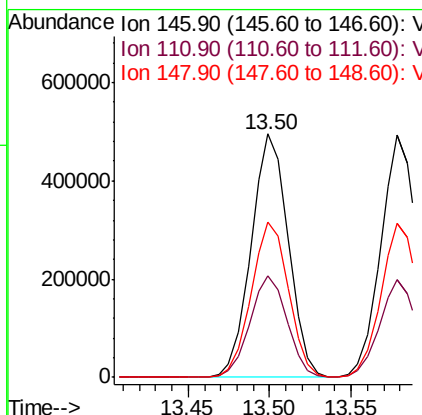
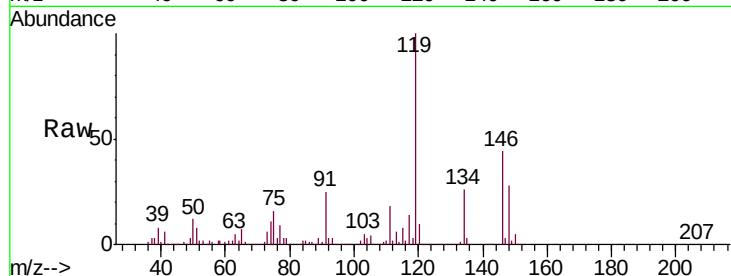




#87
 1,3-Dichlorobenzene
 Concen: 144.832 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

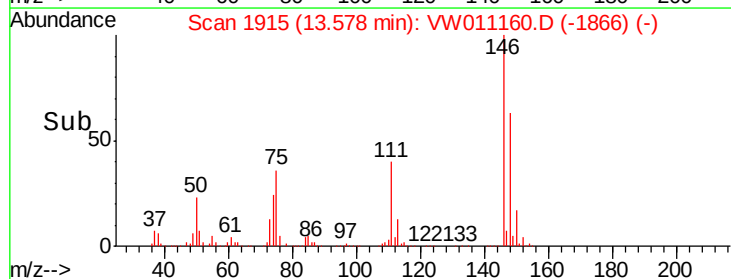
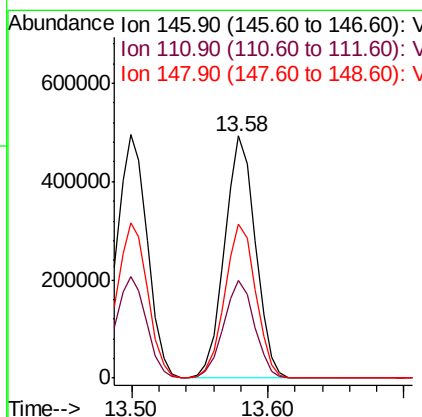
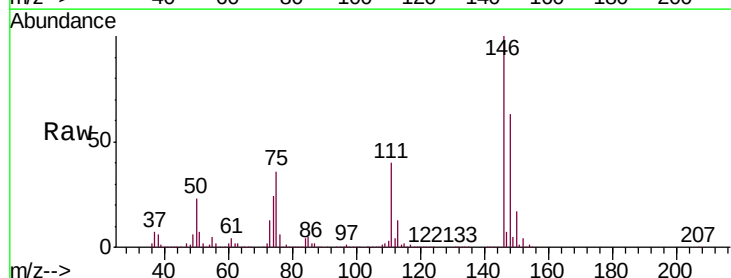
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

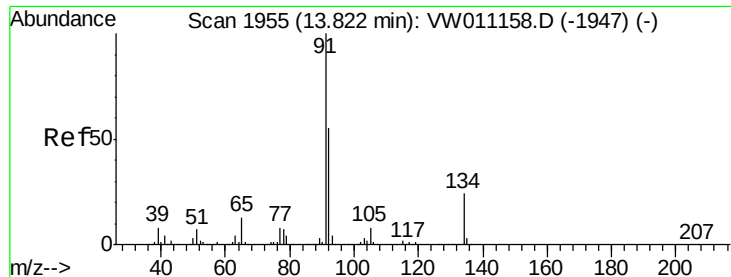
Tgt Ion:146 Resp: 784506
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.1 63.1
 148 64.2 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 142.188 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

Tgt Ion:146 Resp: 775564
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.9 59.7
 148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 144.632 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011160.D

Acq: 08 Jul 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

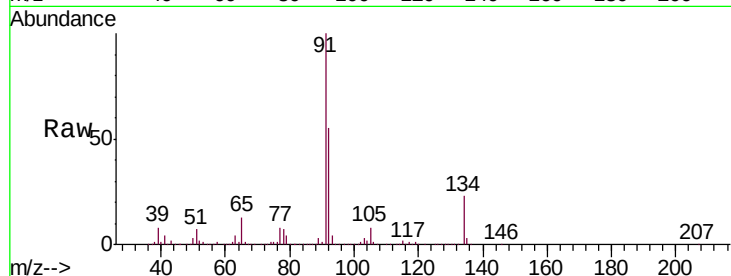
Tgt Ion: 91 Resp: 1659737

Ion Ratio Lower Upper

91 100

92 54.8 26.9 80.7

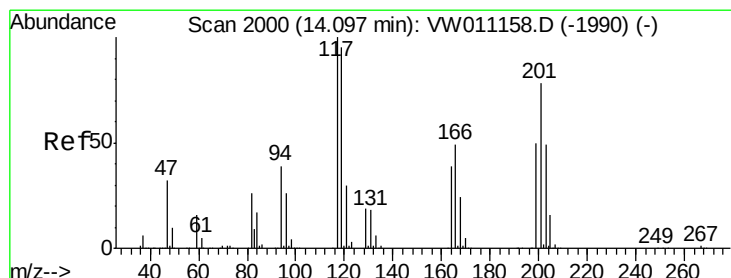
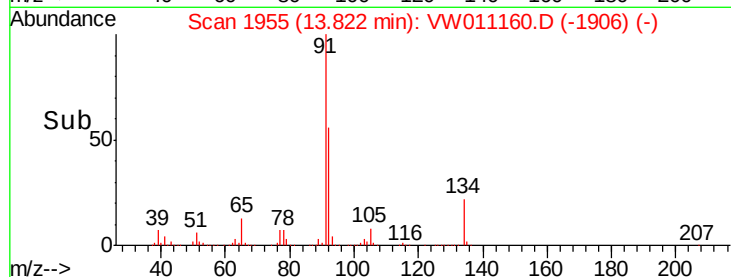
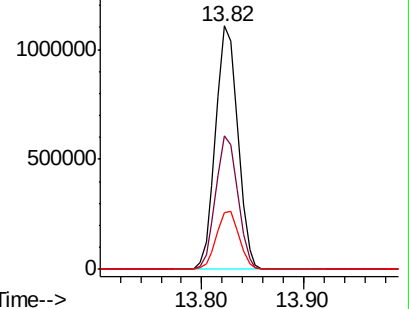
134 24.4 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW

1500000 Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 149.014 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW011160.D

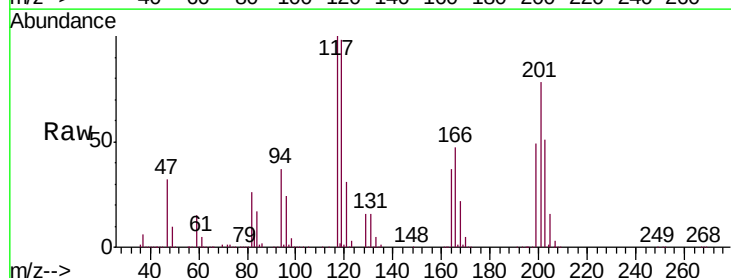
Acq: 08 Jul 2019 12:55

Tgt Ion: 117 Resp: 313241

Ion Ratio Lower Upper

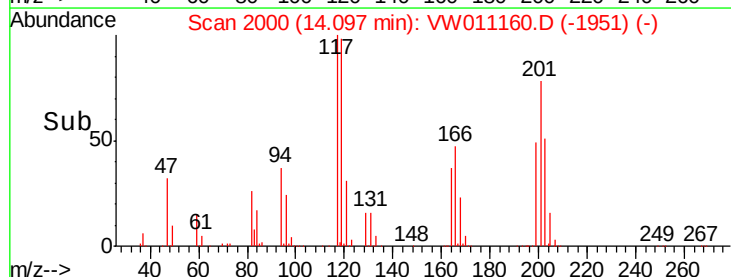
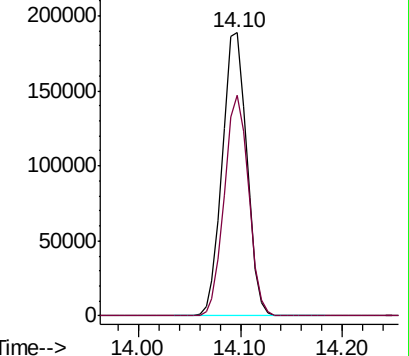
117 100

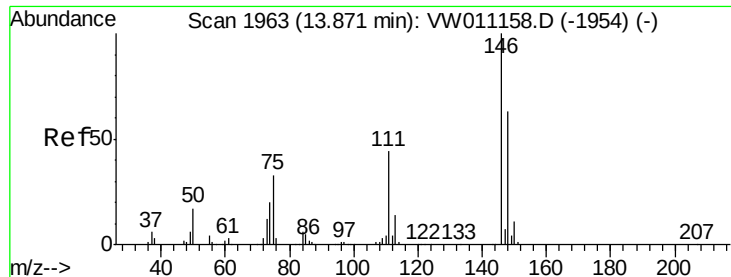
201 76.9 38.3 114.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

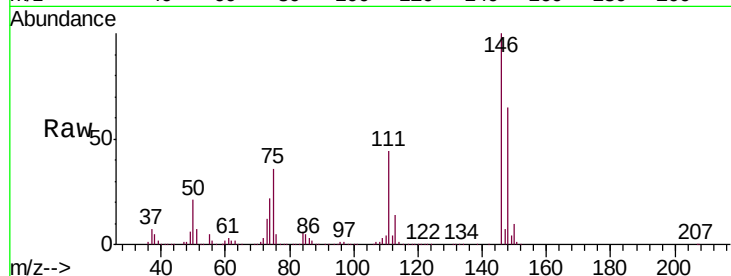




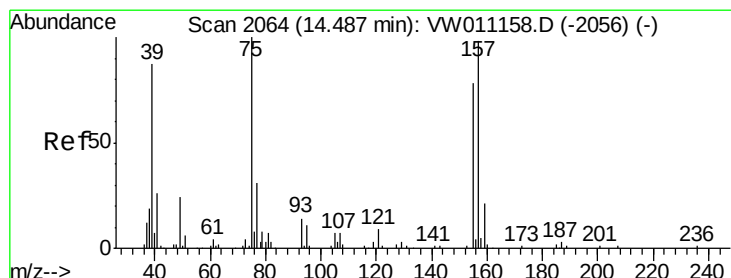
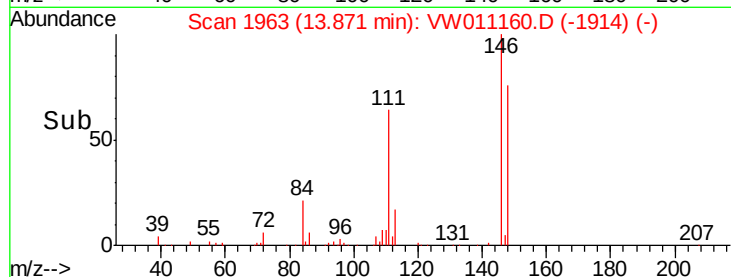
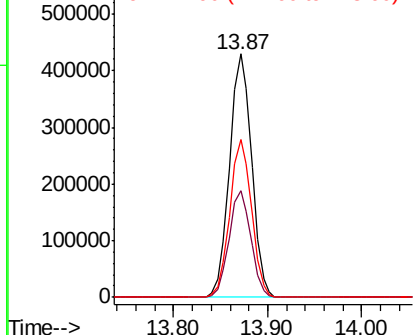
#91
 1,2-Dichlorobenzene
 Concen: 142.036 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 146 Resp: 697978
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.6 65.0
 148 64.0 31.9 95.5

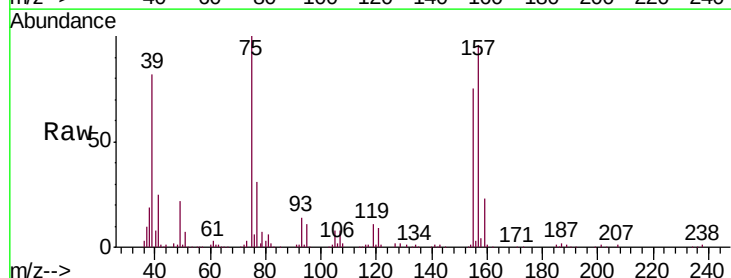


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

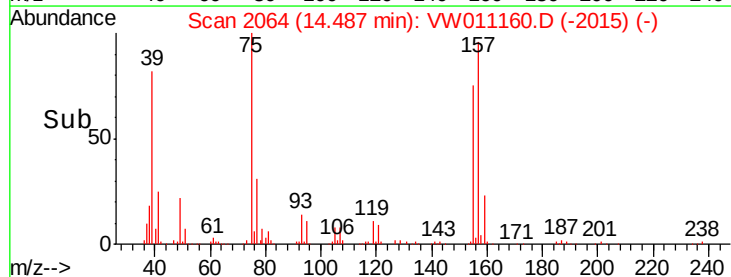
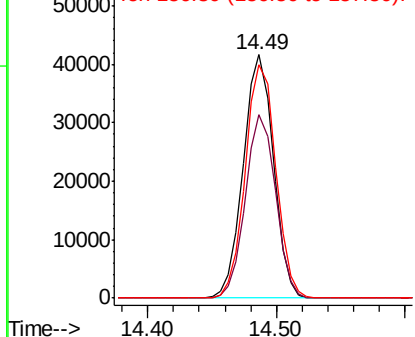


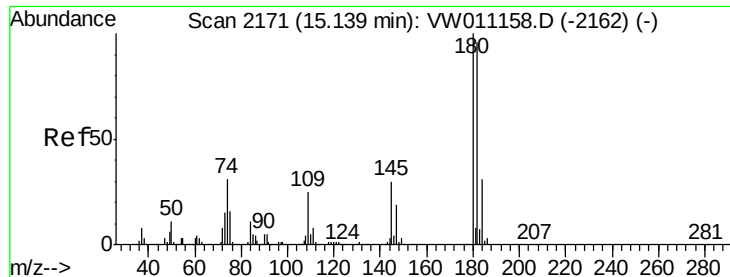
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 147.634 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

Tgt Ion: 75 Resp: 67341
 Ion Ratio Lower Upper
 75 100
 155 75.3 37.1 111.3
 157 96.7 48.5 145.6



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

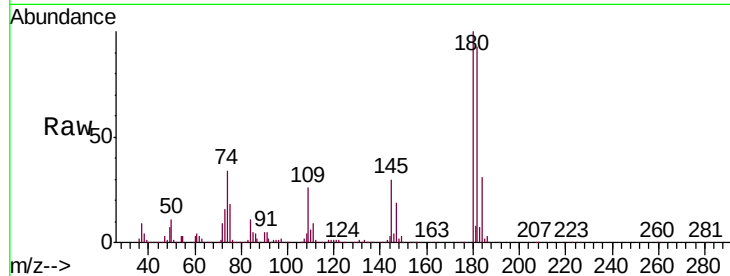




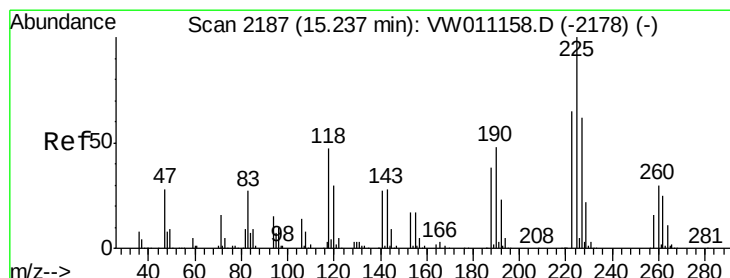
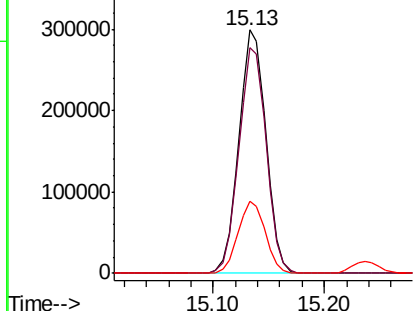
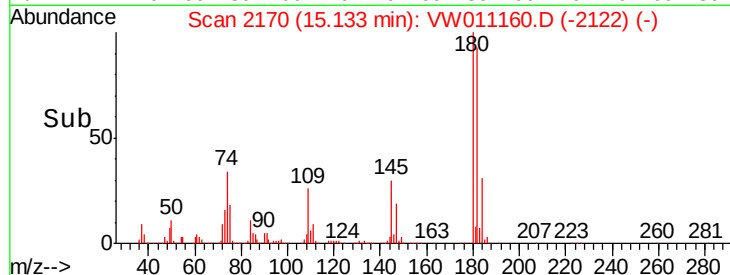
#93
 1,2,4-Trichlorobenzene
 Concen: 148.165 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.3	144.9
145	29.8	15.5	46.5

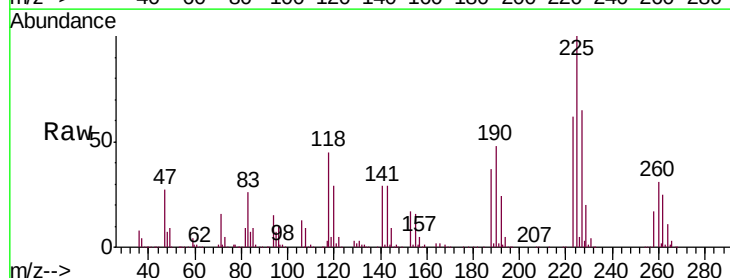


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

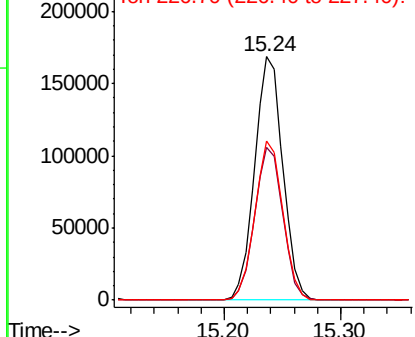
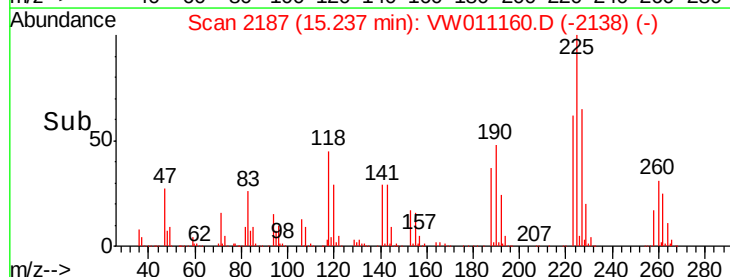


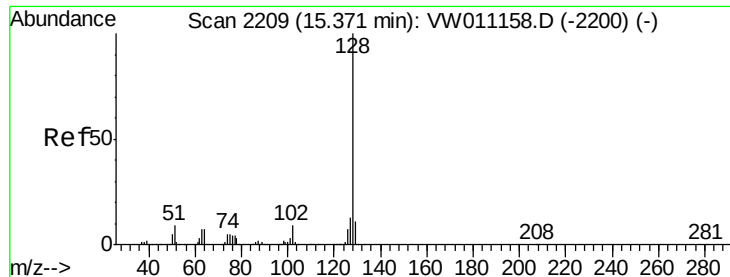
#94
 Hexachlorobutadiene
 Concen: 137.065 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011160.D
 Acq: 08 Jul 2019 12:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.6	95.0
227	64.5	32.0	96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

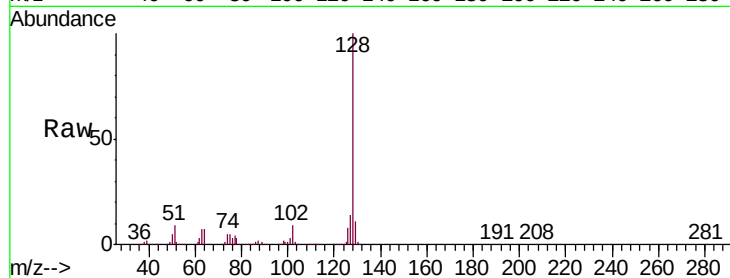




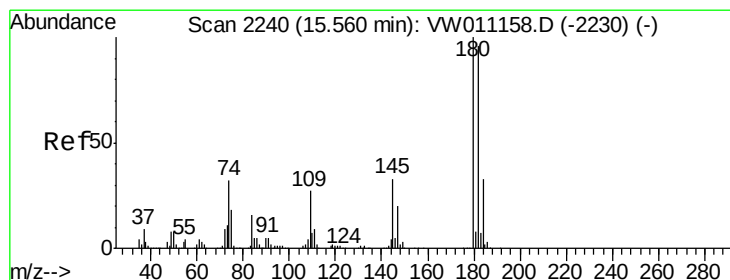
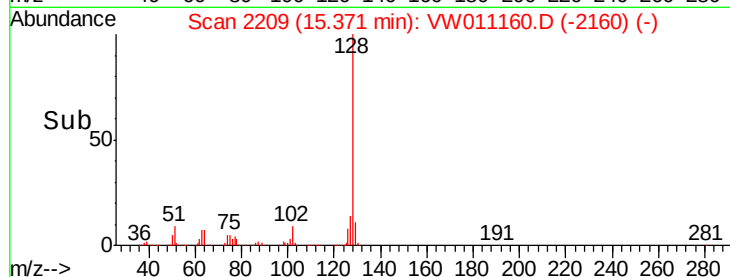
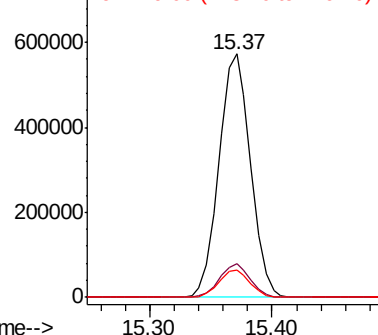
#95
Naphthalene
Concen: 158.085 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1025342
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.0 8.7 13.1

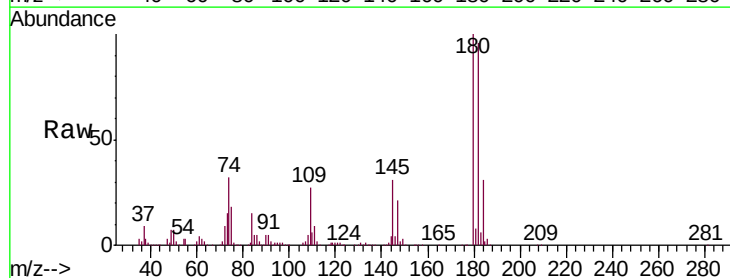


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 148.870 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011160.D
Acq: 08 Jul 2019 12:55

Tgt Ion:180 Resp: 444703
Ion Ratio Lower Upper
180 100
182 94.7 47.6 142.8
145 31.8 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

