

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092419\
 Data File : VW013270.D
 Acq On : 24 Sep 2019 12:36
 Operator : SY/VA
 Sample : VW0924SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBSD01

Quant Time: Sep 25 07:09:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	333888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	478048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	208592	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130065	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
35) Dibromofluoromethane	7.88	113	127649	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	10.32	98	537311	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.62	95	187353	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	38562	20.022	ug/l	98
3) Chloromethane	2.21	50	48456	19.572	ug/l	96
4) Vinyl Chloride	2.35	62	63462	19.883	ug/l	93
5) Bromomethane	2.77	94	37562	18.570	ug/l	93
6) Chloroethane	2.91	64	35933	19.099	ug/l	99
7) Trichlorofluoromethane	3.25	101	33923	18.432	ug/l	95
8) Diethyl Ether	3.68	74	31071	19.765	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	59639	19.903	ug/l	98
10) Methyl Iodide	4.26	142	91016	19.592	ug/l	99
11) Tert butyl alcohol	5.18	59	26368	129.548	ug/l #	91
12) 1,1-Dichloroethene	4.04	96	61415	19.793	ug/l	92
13) Acrolein	3.89	56	16214	103.362	ug/l	97
14) Allyl chloride	4.67	41	96022	19.445	ug/l	99
15) Acrylonitrile	5.37	53	74946	110.453	ug/l	98
16) Acetone	4.12	43	63475	103.292	ug/l	99
17) Carbon Disulfide	4.38	76	172997	19.290	ug/l	99
18) Methyl Acetate	4.67	43	38055	22.030	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	97214	20.442	ug/l	99
20) Methylene Chloride	4.92	84	63608	18.403	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	66679	19.882	ug/l	98
22) Diisopropyl ether	6.31	45	184174	19.613	ug/l	96
23) Vinyl Acetate	6.25	43	569206	102.174	ug/l	98
24) 1,1-Dichloroethane	6.21	63	112903	19.925	ug/l	98
25) 2-Butanone	7.17	43	101668	110.210	ug/l	100
26) 2,2-Dichloropropane	7.16	77	71708	19.090	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	70206	19.837	ug/l	99
28) Bromochloromethane	7.51	49	36981	17.004	ug/l	99
29) Tetrahydrofuran	7.53	42	64000	113.127	ug/l	99
30) Chloroform	7.67	83	105486	19.014	ug/l	98
31) Cyclohexane	7.95	56	119803	20.282	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	88645	19.729	ug/l	97
36) 1,1-Dichloropropene	8.08	75	92606	20.000	ug/l	98
37) Ethyl Acetate	7.25	43	43894	22.305	ug/l	100
38) Carbon Tetrachloride	8.07	117	80698	19.442	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	120863	20.312	ug/l	96
40) Benzene	8.32	78	258891	20.046	ug/l	100
41) Methacrylonitrile	7.48	41	24240	20.639	ug/l	93
42) 1,2-Dichloroethane	8.40	62	66613	19.187	ug/l	99
43) Isopropyl Acetate	8.42	43	79651	21.119	ug/l	98
44) Trichloroethene	9.09	130	72387	19.977	ug/l	99
45) 1,2-Dichloropropane	9.37	63	62108	19.697	ug/l	98
46) Dibromomethane	9.46	93	30581	19.977	ug/l	99
47) Bromodichloromethane	9.65	83	73589	18.892	ug/l	98
48) Methyl methacrylate	9.44	41	37290	21.026	ug/l	97
49) 1,4-Dioxane	9.46	88	11588	504.291	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	211371	111.791	ug/l	99
52) Toluene	10.38	92	162187	19.594	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	80298	20.065	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	94991	19.522	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	44560	19.475	ug/l	96
56) Ethyl methacrylate	10.65	69	63974	21.364	ug/l	98
57) 1,3-Dichloropropane	10.93	76	79963	20.027	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.92	63	148653	107.231	ug/l	100
59) 2-Hexanone	10.97	43	147128	113.102	ug/l	100
60) Dibromochloromethane	11.13	129	51401	19.784	ug/l	100
61) 1,2-Dibromoethane	11.23	107	45606	20.963	ug/l	99
64) Tetrachloroethene	10.86	164	61976	19.761	ug/l	99
65) Chlorobenzene	11.66	112	169904	19.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	57342	19.445	ug/l	98
67) Ethyl Benzene	11.73	91	314174	20.088	ug/l	98
68) m/p-Xylenes	11.84	106	240207	40.305	ug/l	99
69) o-Xylene	12.16	106	110995	20.032	ug/l	97
70) Styrene	12.18	104	189735	19.946	ug/l	99
71) Bromoform	12.35	173	30772	19.752	ug/l #	98
73) Isopropylbenzene	12.46	105	307885	19.981	ug/l	99
74) N-amyl acetate	12.27	43	71510	20.914	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	54815	21.271	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	68667	37.276	ug/l #	100
77) Bromobenzene	12.75	156	71157	19.487	ug/l	97
78) n-propylbenzene	12.80	91	364662	20.218	ug/l	99
79) 2-Chlorotoluene	12.89	91	203846	20.173	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	262696	20.281	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	17725	21.591	ug/l	99
82) 4-Chlorotoluene	12.99	91	212360	19.929	ug/l	100
83) tert-Butylbenzene	13.21	119	230687	20.291	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	262436	20.361	ug/l	97
85) sec-Butylbenzene	13.38	105	318393	20.313	ug/l	100
86) p-Isopropyltoluene	13.50	119	292982	20.153	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	137318	19.540	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	139297	20.211	ug/l	99
89) n-Butylbenzene	13.82	91	271177	20.429	ug/l	99
90) Hexachloroethane	14.09	117	47762	19.557	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	122159	20.093	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8810	22.351	ug/l	93

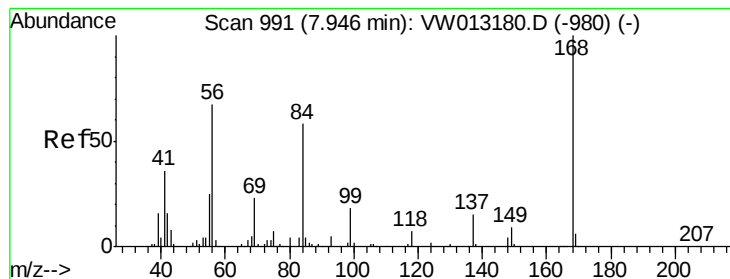
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092419\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	94263	21.637	ug/l	99
94) Hexachlorobutadiene	15.24	225	61260	20.553	ug/l	99
95) Naphthalene	15.36	128	173393	24.335	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	82227	21.843	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

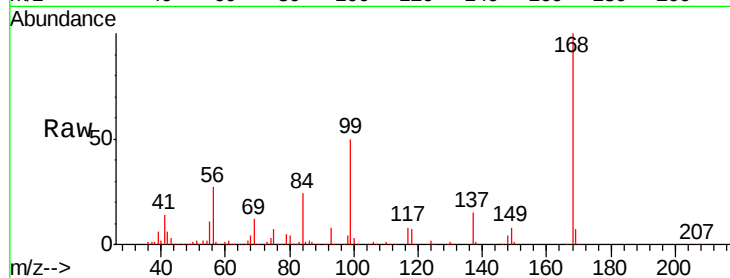
VW0924SBSD01

Tgt Ion:168 Resp: 333888

Ion Ratio Lower Upper

168 100

99 49.9 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

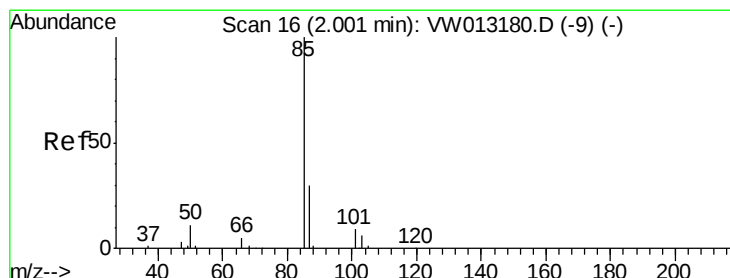
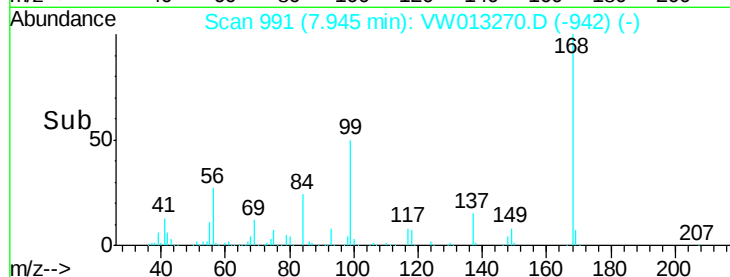
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 20.022 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.01 min

Lab File: VW013270.D

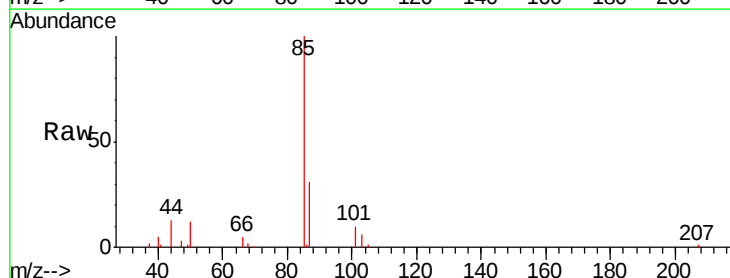
Acq: 24 Sep 2019 12:36

Tgt Ion: 85 Resp: 38562

Ion Ratio Lower Upper

85 100

87 31.3 15.1 45.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

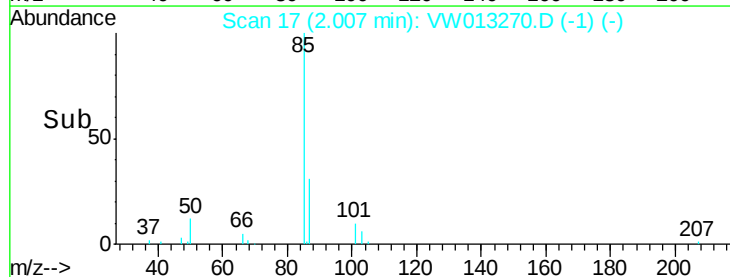
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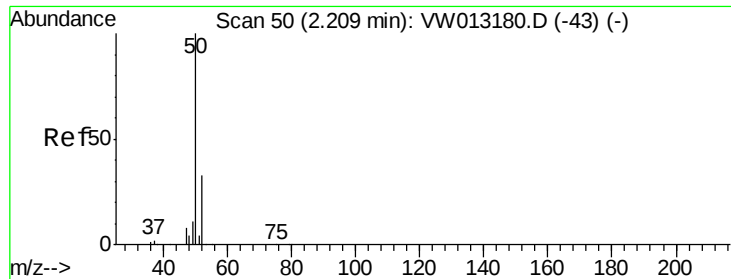
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 19.572 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

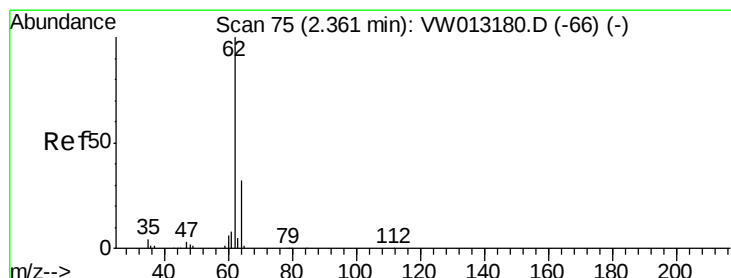
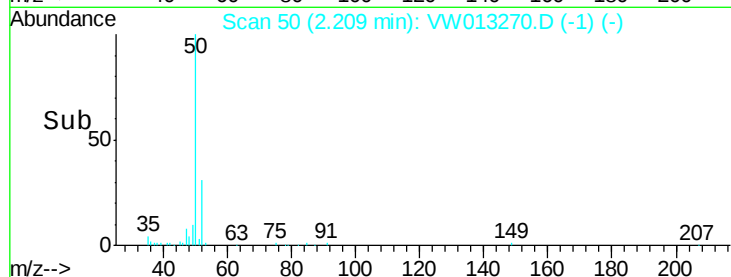
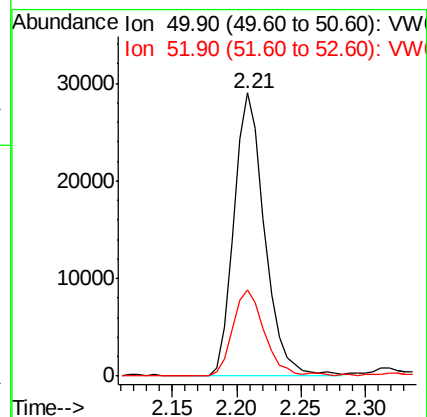
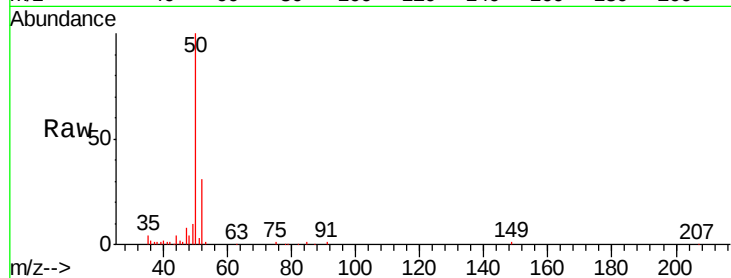
VW0924SBSD01

Tgt Ion: 50 Resp: 48456

Ion Ratio Lower Upper

50 100

52 30.6 26.1 39.1



#4

Vinyl Chloride

Concen: 19.883 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW013270.D

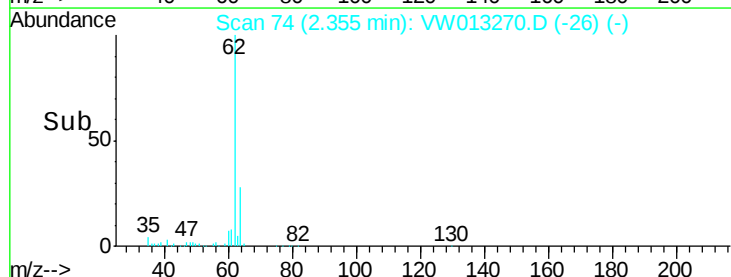
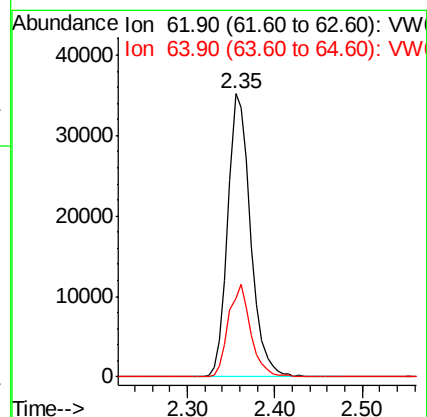
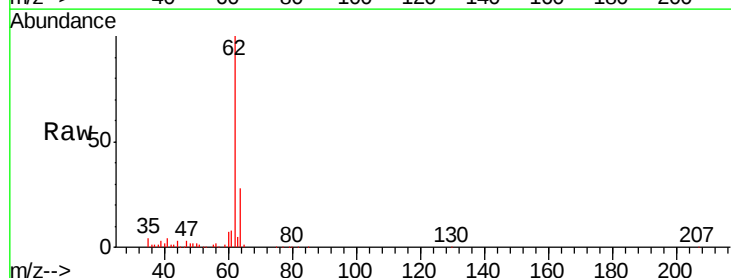
Acq: 24 Sep 2019 12:36

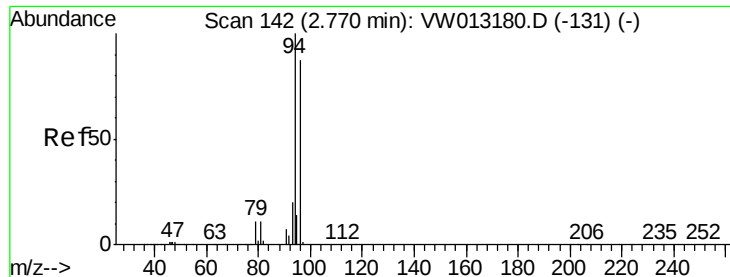
Tgt Ion: 62 Resp: 63462

Ion Ratio Lower Upper

62 100

64 27.9 25.3 37.9





#5

Bromomethane

Concen: 18.570 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

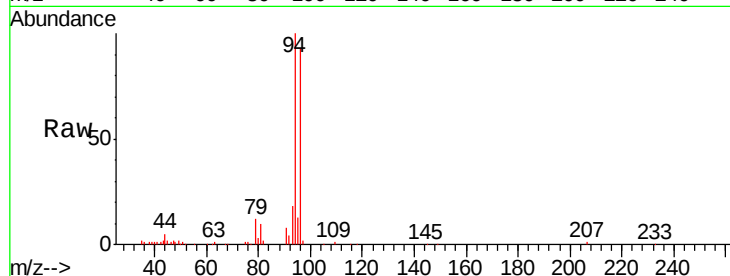
VW0924SBSD01

Tgt Ion: 94 Resp: 37562

Ion Ratio Lower Upper

94 100

96 93.4 69.7 104.5



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

20000

15000

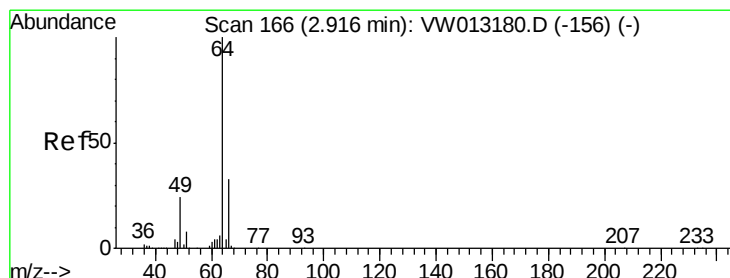
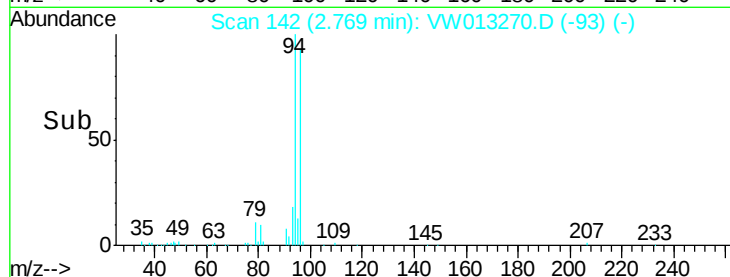
10000

5000

0

Time-->

2.70 2.80



#6

Chloroethane

Concen: 19.099 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW013270.D

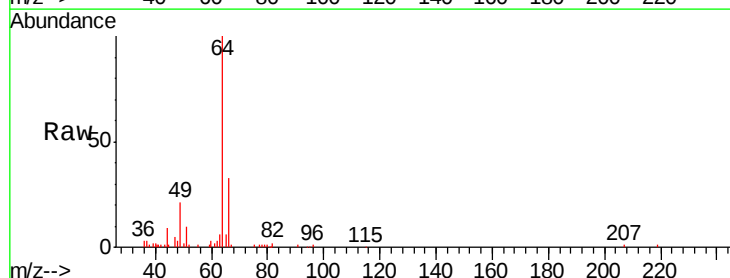
Acq: 24 Sep 2019 12:36

Tgt Ion: 64 Resp: 35933

Ion Ratio Lower Upper

64 100

66 32.7 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.91

15000

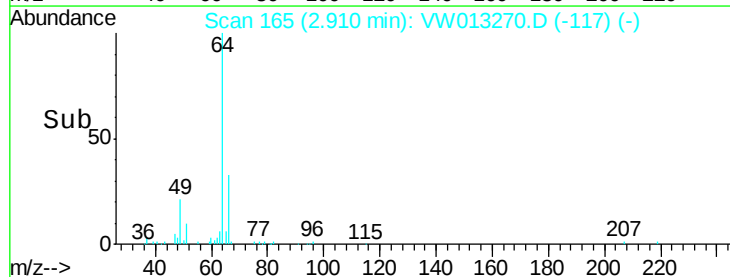
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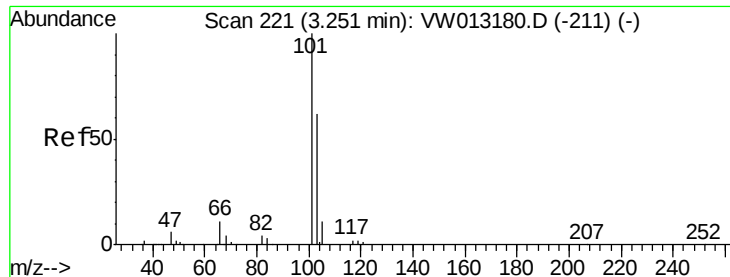
5000

0

Time-->

2.80 2.90 3.00 3.10



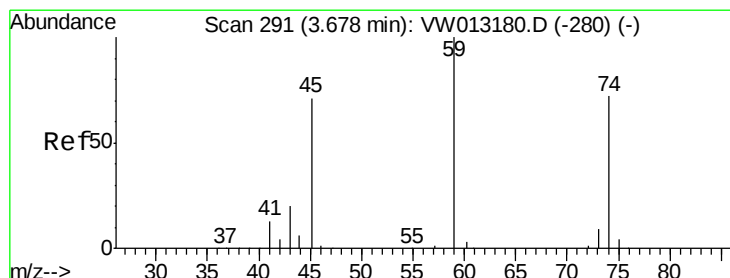
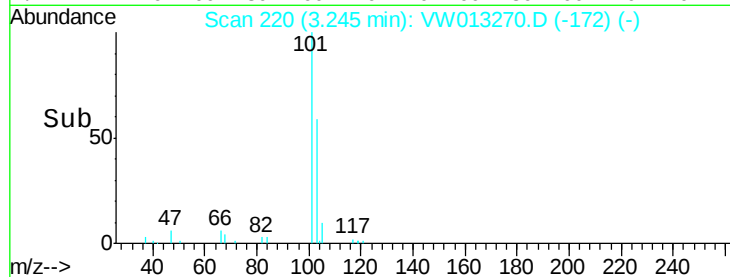
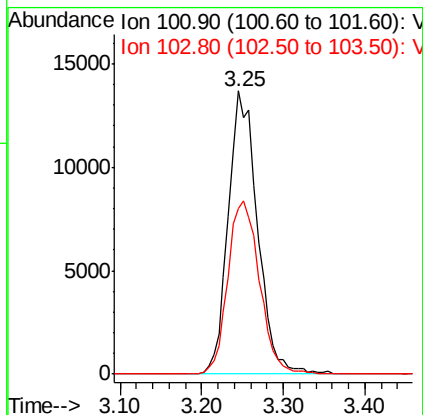
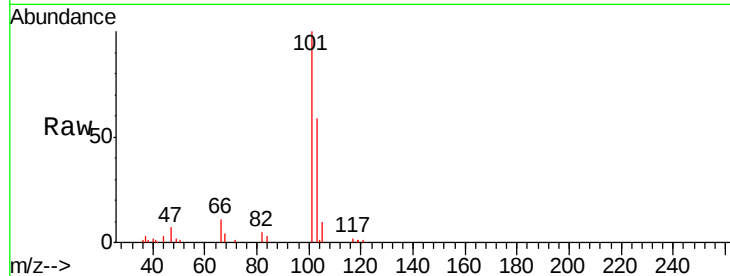


#7

Trichlorofluoromethane
 Concen: 18.432 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW013270.D
 Acq: 24 Sep 2019 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBSD01

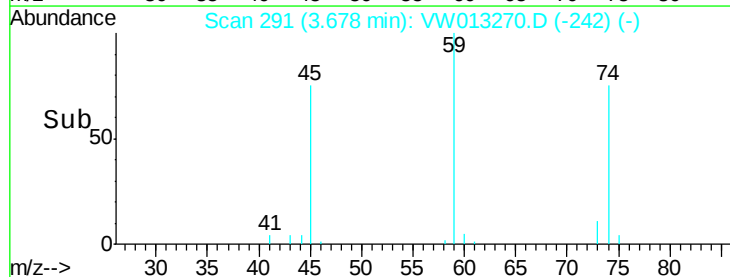
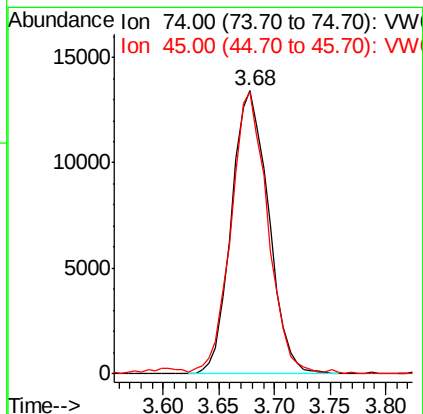
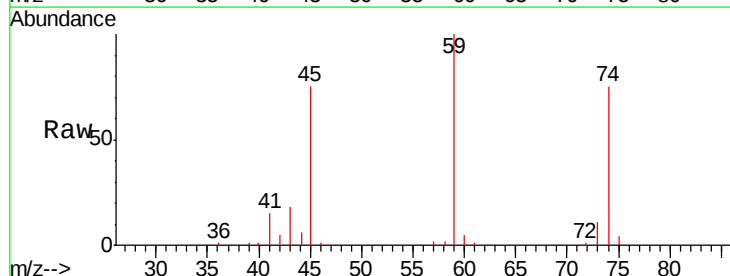
Tgt Ion: 101 Resp: 33923
 Ion Ratio Lower Upper
 101 100
 103 58.6 49.7 74.5

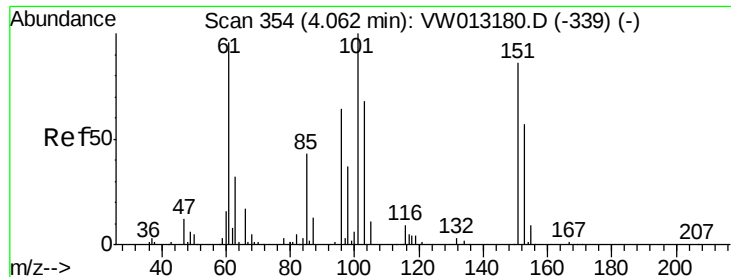


#8

Diethyl Ether
 Concen: 19.765 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW013270.D
 Acq: 24 Sep 2019 12:36

Tgt Ion: 74 Resp: 31071
 Ion Ratio Lower Upper
 74 100
 45 97.0 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.903 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBSD01

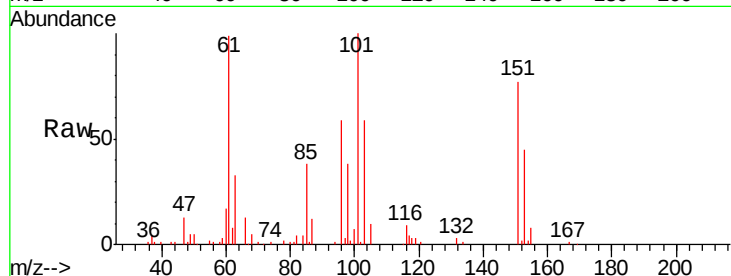
Tgt Ion:101 Resp: 59639

Ion Ratio Lower Upper

101 100

85 41.7 33.4 50.0

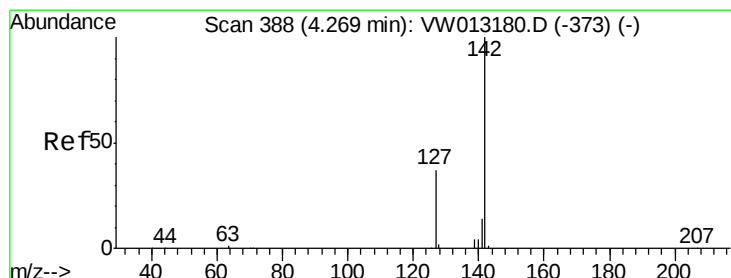
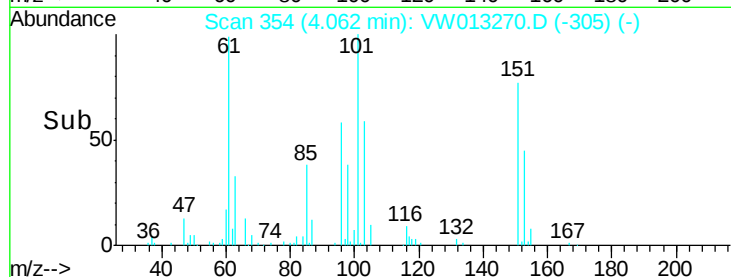
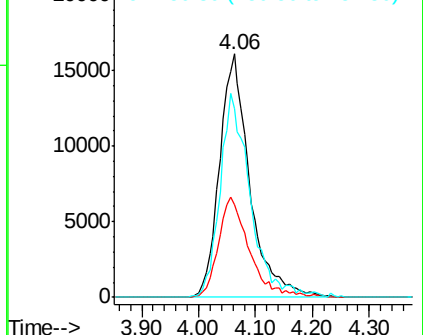
151 80.4 66.9 100.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.592 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

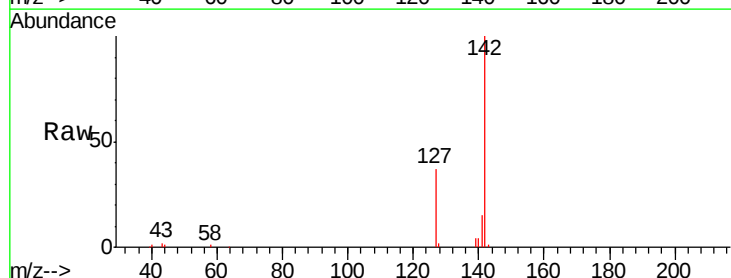
Tgt Ion:142 Resp: 91016

Ion Ratio Lower Upper

142 100

127 38.0 30.9 46.3

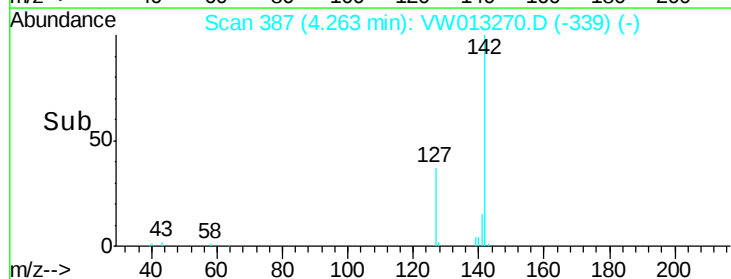
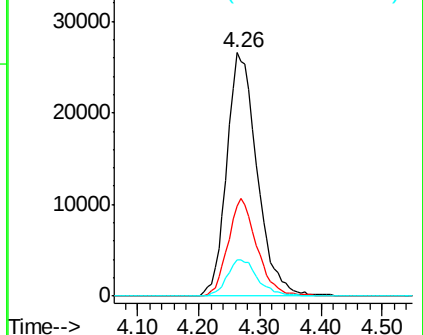
141 15.1 11.7 17.5

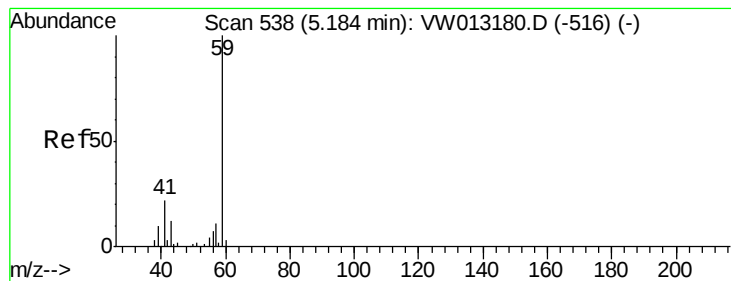


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



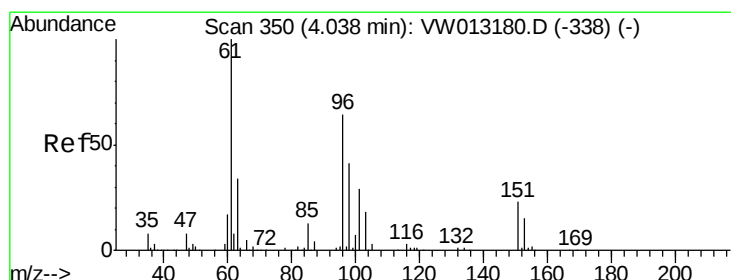
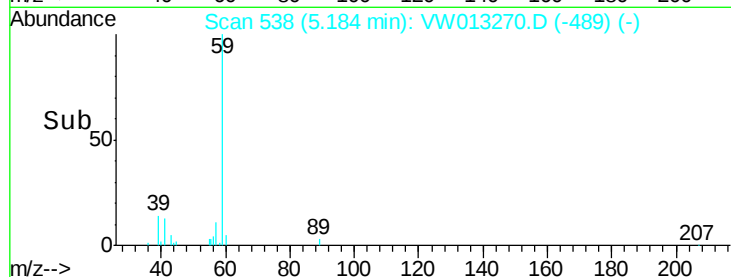
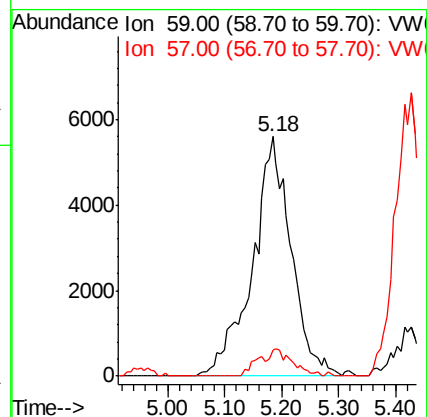
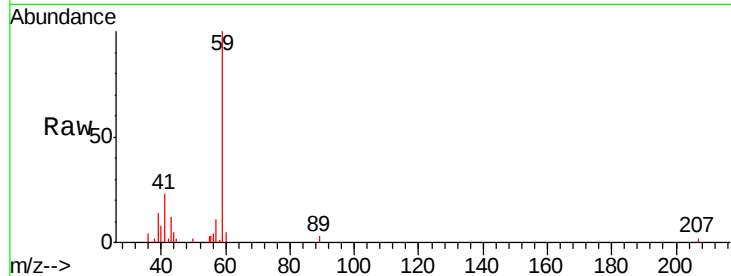


#11

Tert butyl alcohol
Concen: 129.548 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.00 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBSD01

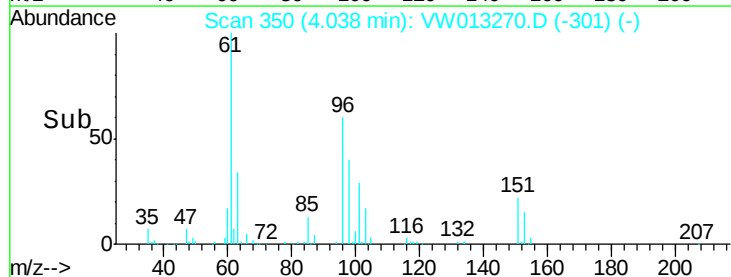
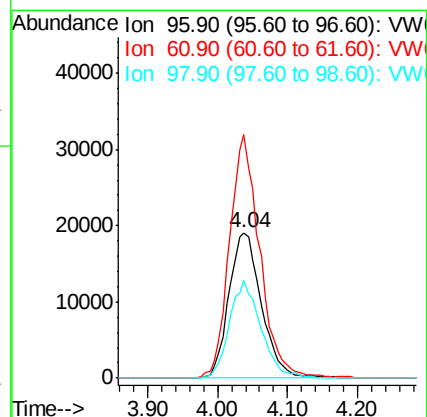
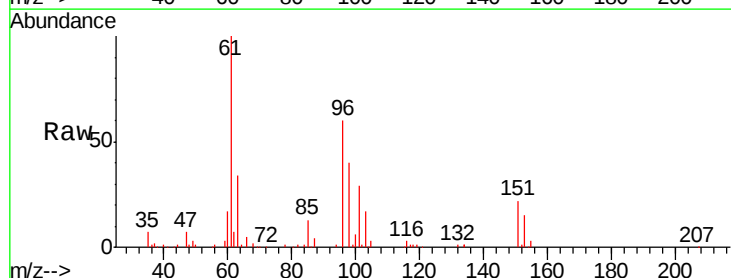
Tgt Ion: 59 Resp: 26368
Ion Ratio Lower Upper
59 100
57 6.7 8.2 12.2#

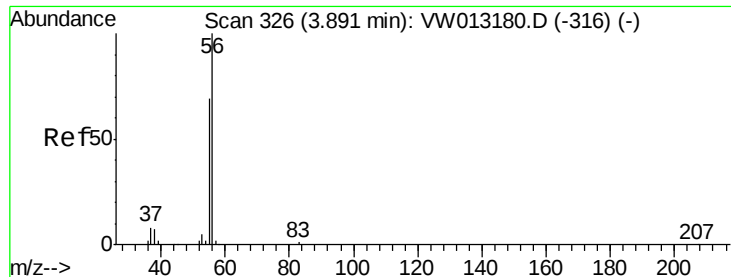


#12

1,1-Dichloroethene
Concen: 19.793 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

Tgt Ion: 96 Resp: 61415
Ion Ratio Lower Upper
96 100
61 167.6 125.1 187.7
98 67.5 50.8 76.2





#13

Acrolein

Concen: 103.362 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

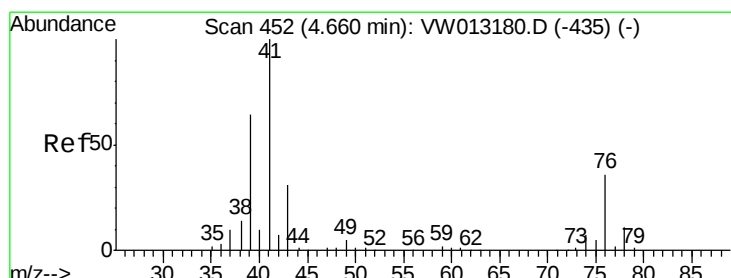
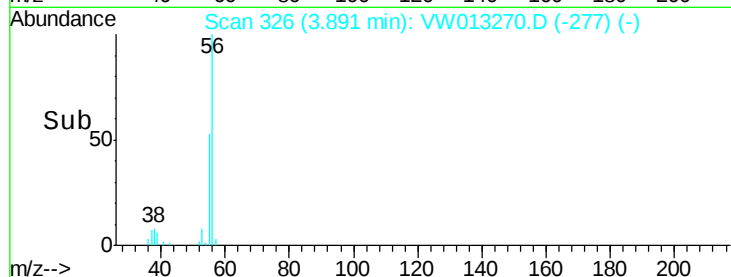
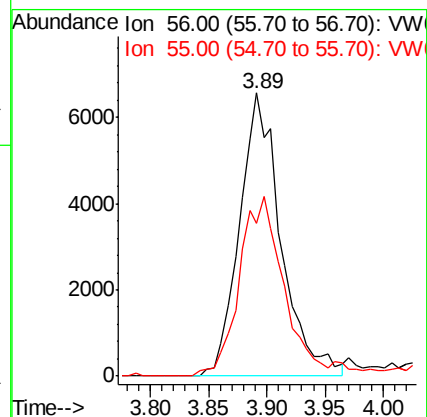
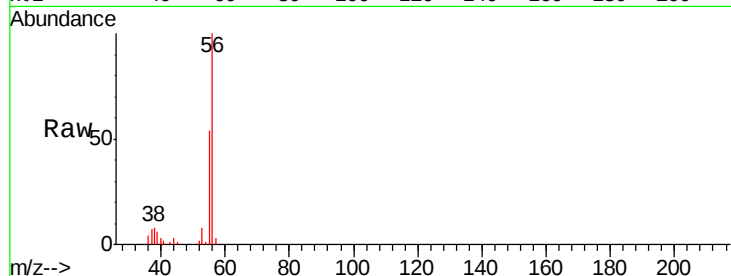
VW0924SBSD01

Tgt Ion: 56 Resp: 16214

Ion Ratio Lower Upper

56 100

55 67.0 55.4 83.0



#14

Allyl chloride

Concen: 19.445 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

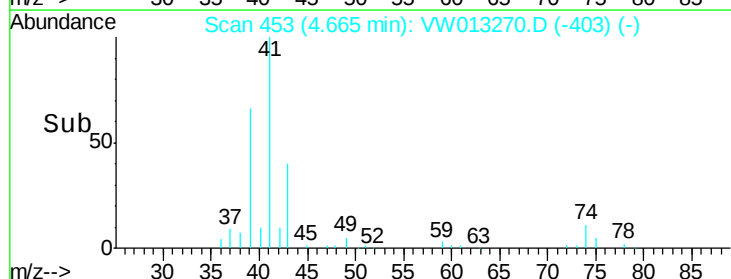
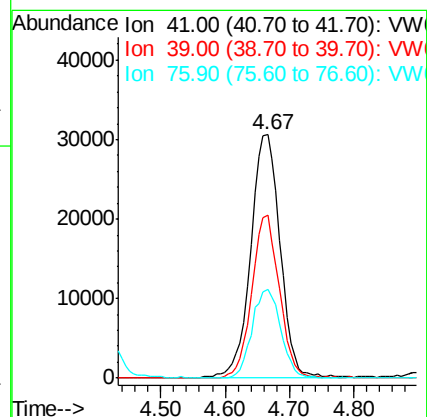
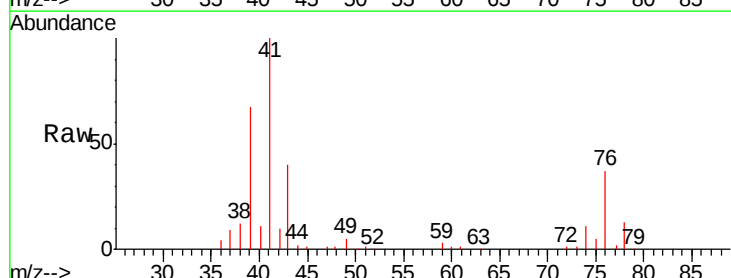
Tgt Ion: 41 Resp: 96022

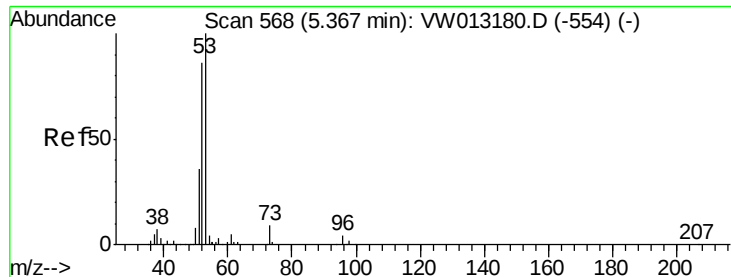
Ion Ratio Lower Upper

41 100

39 62.2 51.0 76.4

76 35.2 28.4 42.6





#15

Acrylonitrile

Concen: 110.453 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBSD01

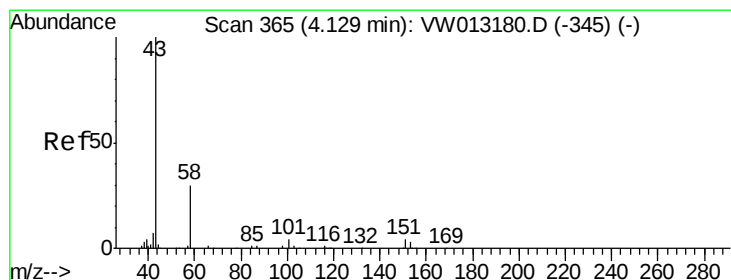
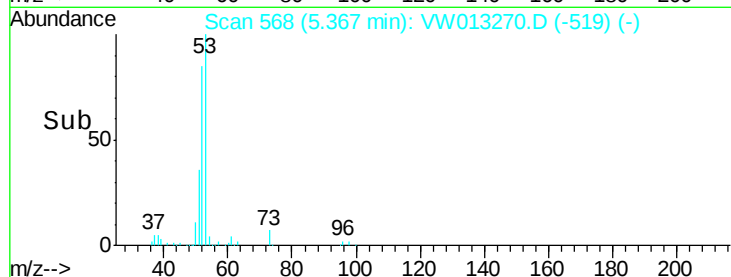
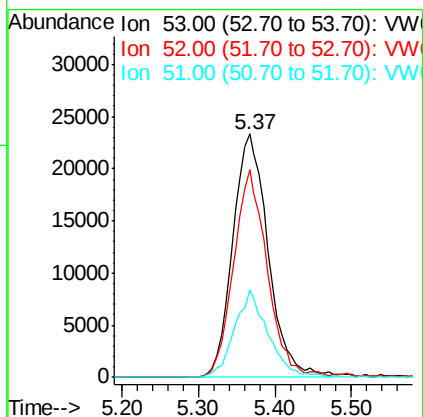
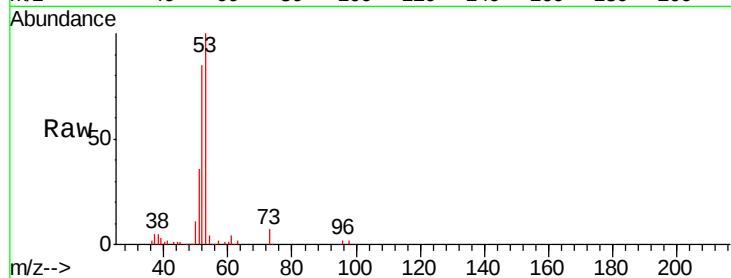
Tgt Ion: 53 Resp: 74946

Ion Ratio Lower Upper

53 100

52 81.0 65.3 97.9

51 34.2 29.0 43.4



#16

Acetone

Concen: 103.292 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013270.D

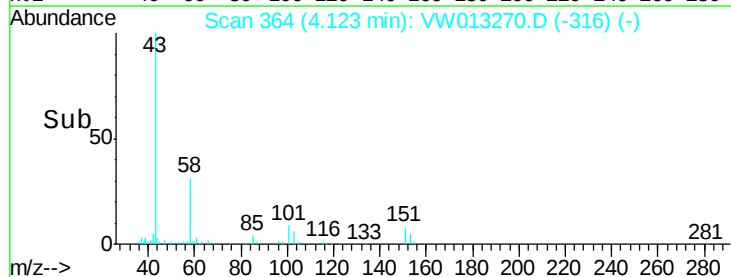
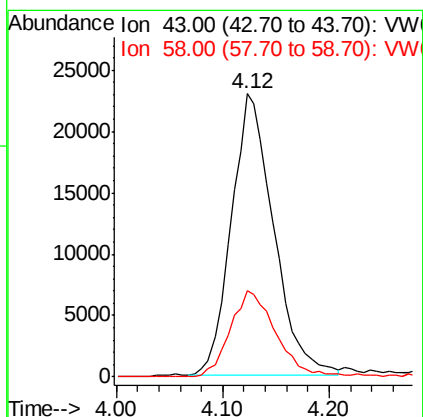
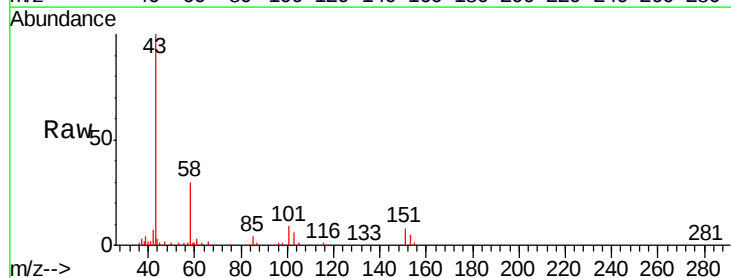
Acq: 24 Sep 2019 12:36

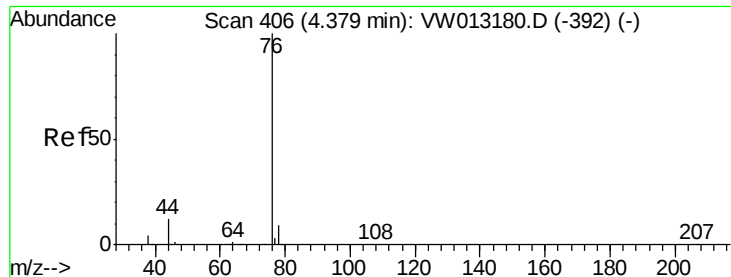
Tgt Ion: 43 Resp: 63475

Ion Ratio Lower Upper

43 100

58 30.7 24.1 36.1

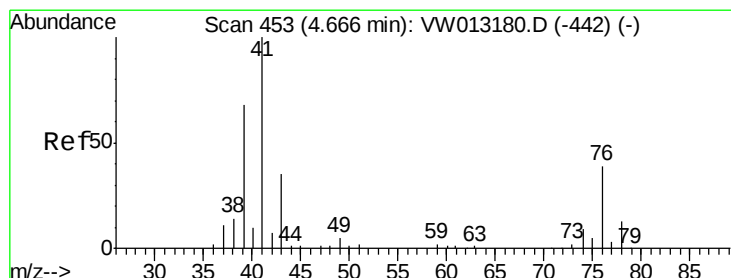
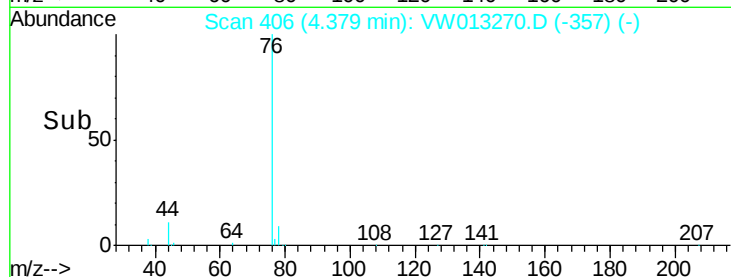
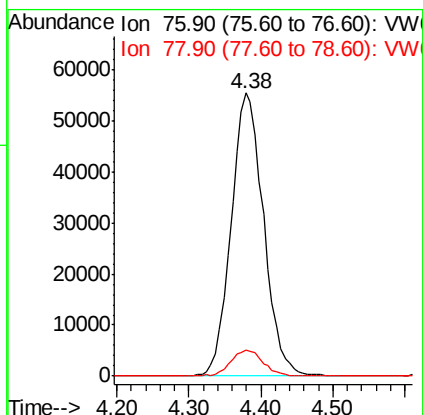
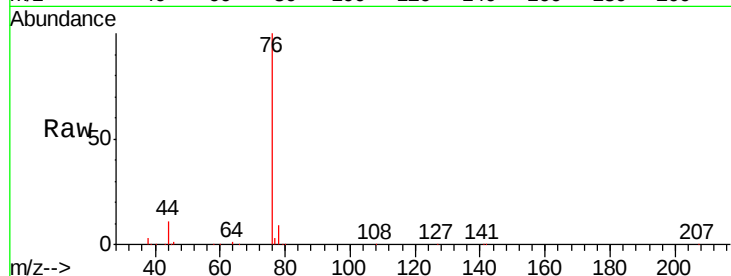




#17
Carbon Disulfide
Concen: 19.290 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

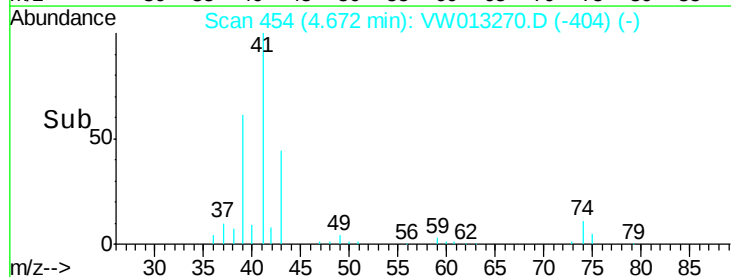
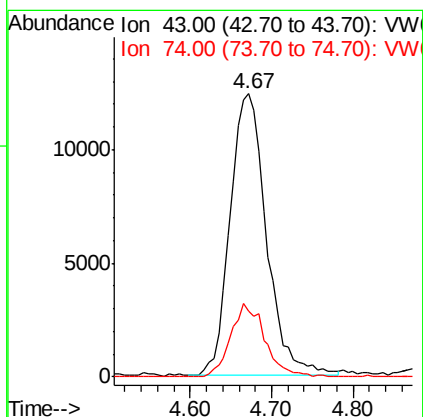
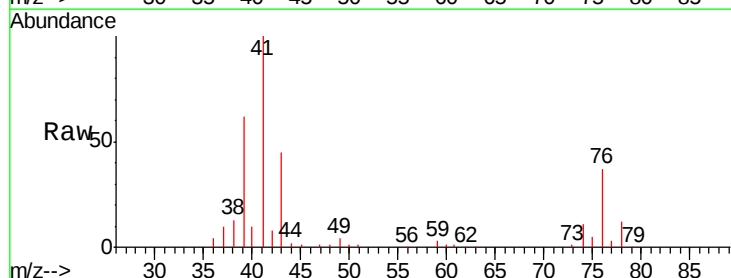
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBSD01

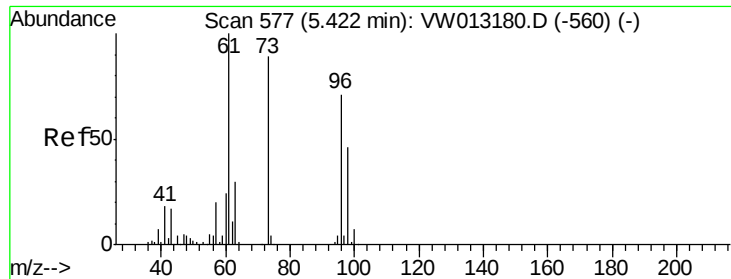
Tgt Ion: 76 Resp: 172997
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 22.030 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

Tgt Ion: 43 Resp: 38055
Ion Ratio Lower Upper
43 100
74 24.6 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 20.442 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

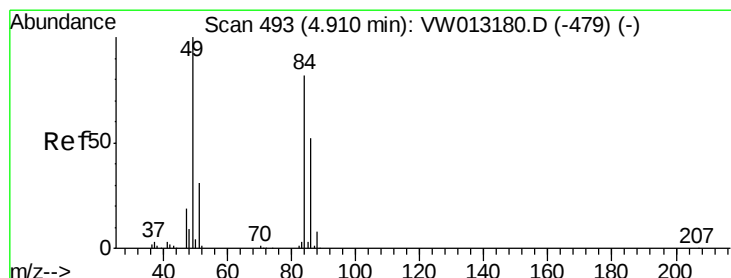
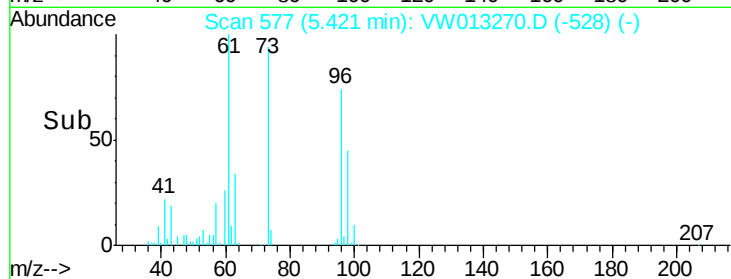
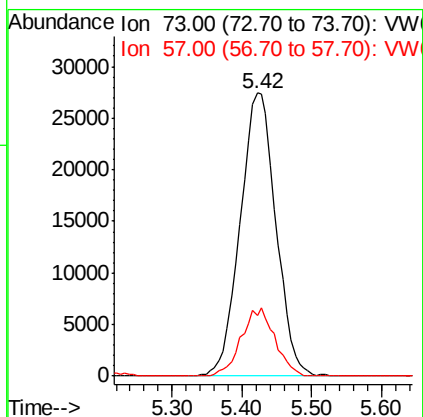
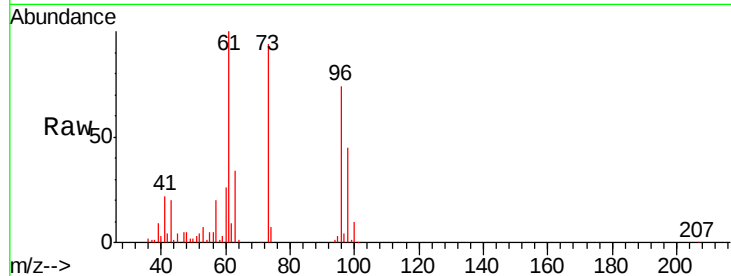
VW0924SBSD01

Tgt Ion: 73 Resp: 97214

Ion Ratio Lower Upper

73 100

57 21.4 17.6 26.4



#20

Methylene Chloride

Concen: 18.403 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Tgt Ion: 84 Resp: 63608

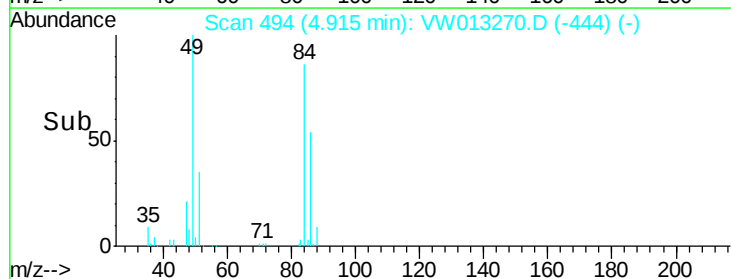
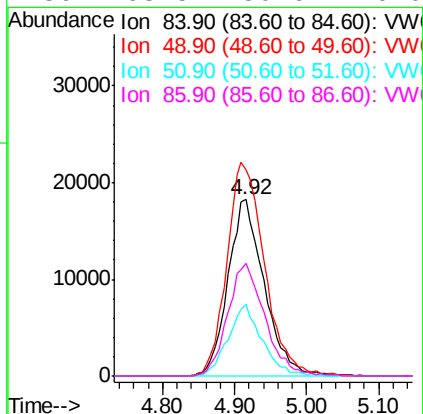
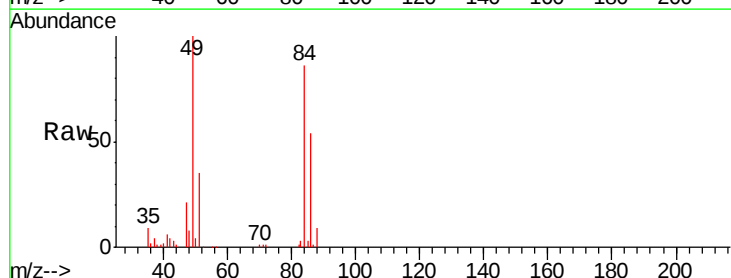
Ion Ratio Lower Upper

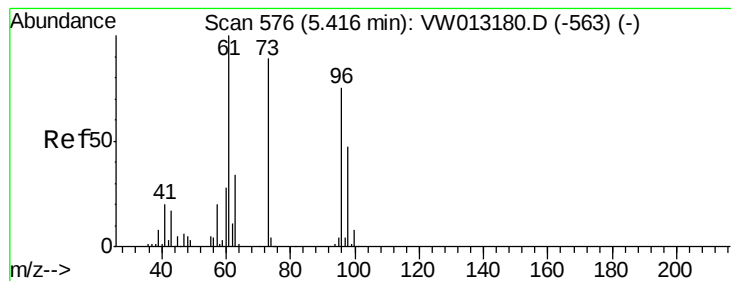
84 100

49 116.9 97.6 146.4

51 40.7 30.2 45.2

86 63.5 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 19.882 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBSD01

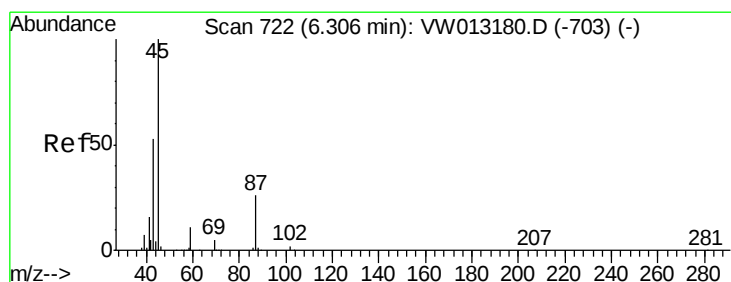
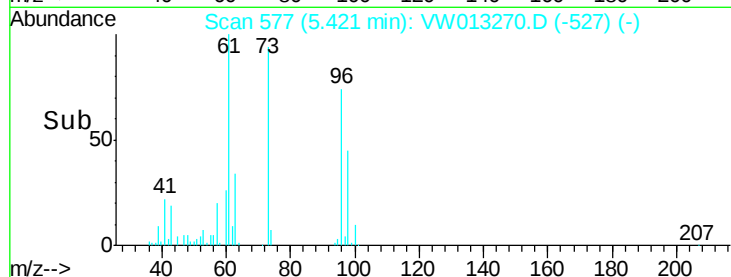
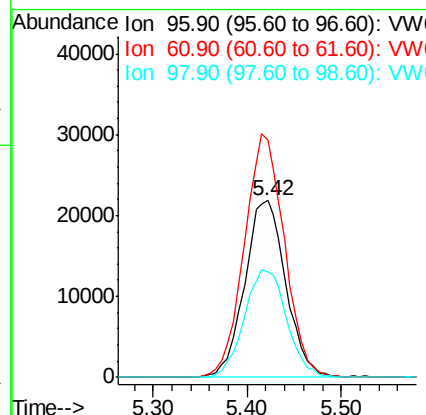
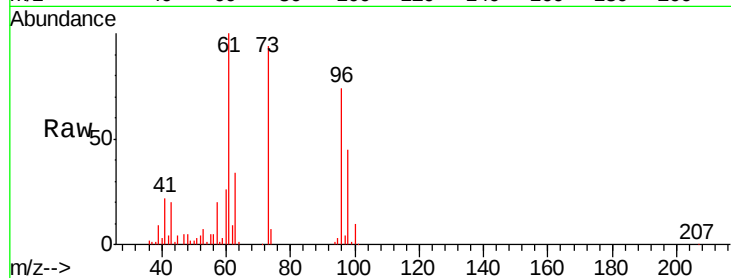
Tgt Ion: 96 Resp: 66679

Ion Ratio Lower Upper

96 100

61 134.4 106.6 159.8

98 60.0 49.8 74.8



#22

Diisopropyl ether

Concen: 19.613 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Tgt Ion: 45 Resp: 184174

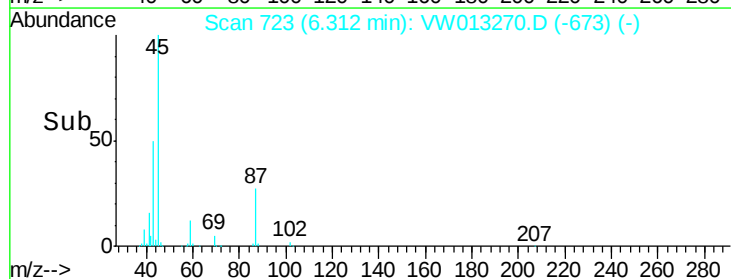
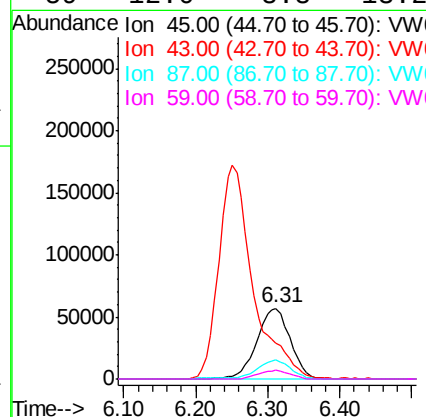
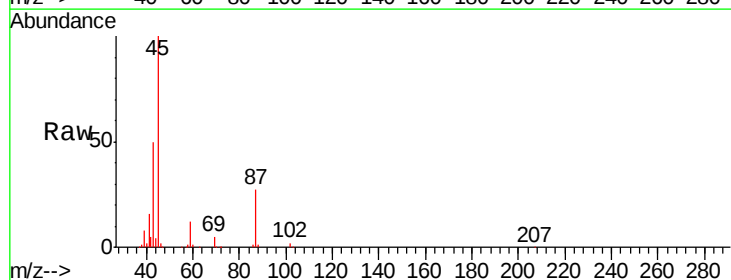
Ion Ratio Lower Upper

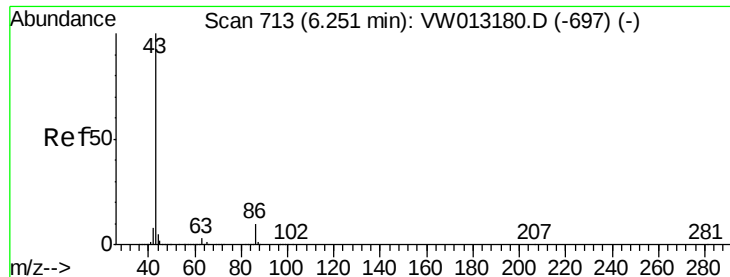
45 100

43 49.1 42.4 63.6

87 26.6 20.4 30.6

59 12.0 8.8 13.2





#23

Vinyl Acetate

Concen: 102.174 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

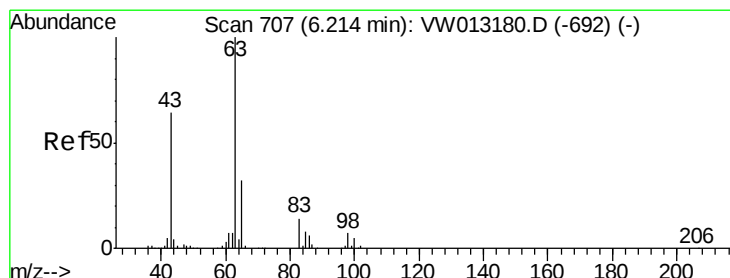
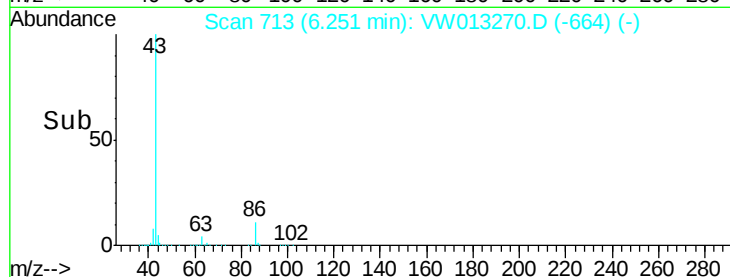
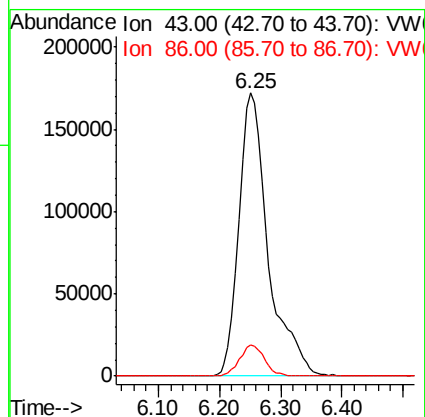
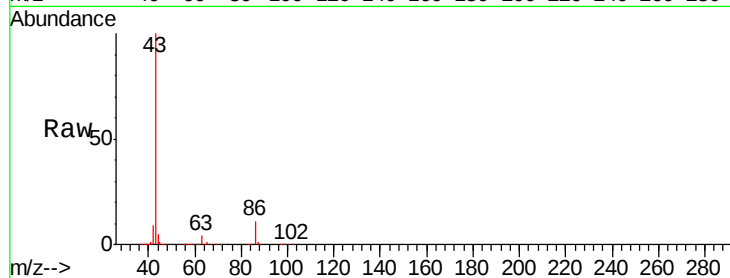
VW0924SBSD01

Tgt Ion: 43 Resp: 569206

Ion Ratio Lower Upper

43 100

86 11.2 8.3 12.5



#24

1,1-Dichloroethane

Concen: 19.925 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

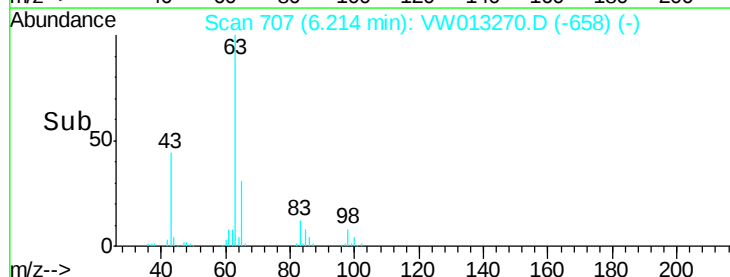
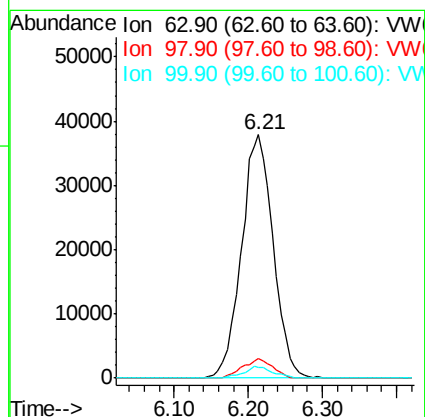
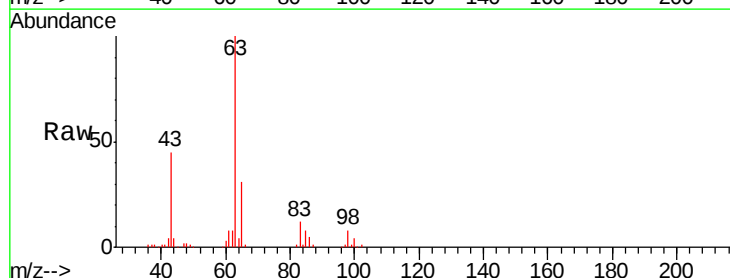
Tgt Ion: 63 Resp: 112903

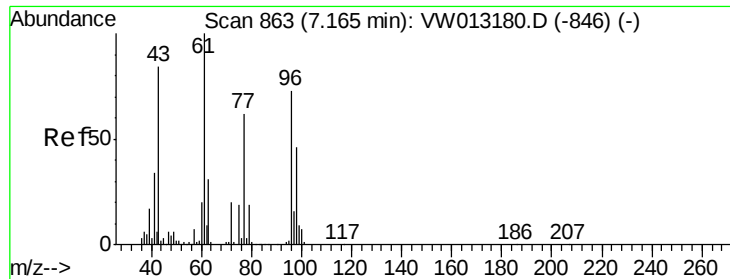
Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.5

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 110.210 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

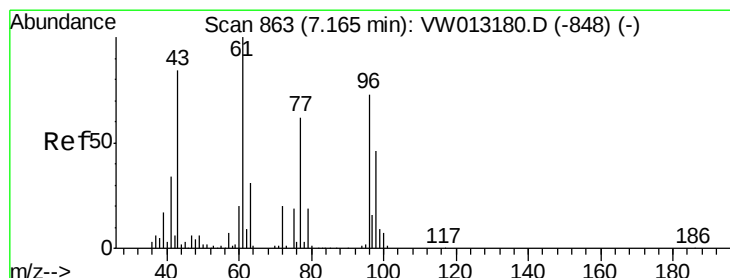
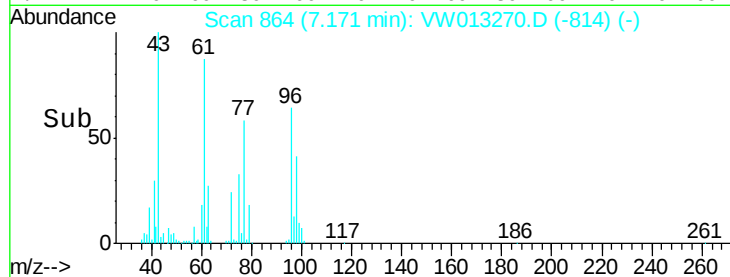
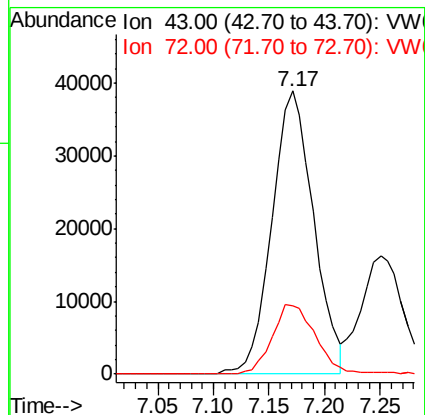
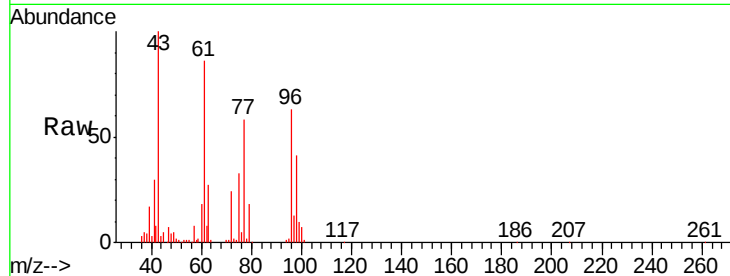
VW0924SBSD01

Tgt Ion: 43 Resp: 101668

Ion Ratio Lower Upper

43 100

72 24.1 19.4 29.0



#26

2,2-Dichloropropane

Concen: 19.090 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013270.D

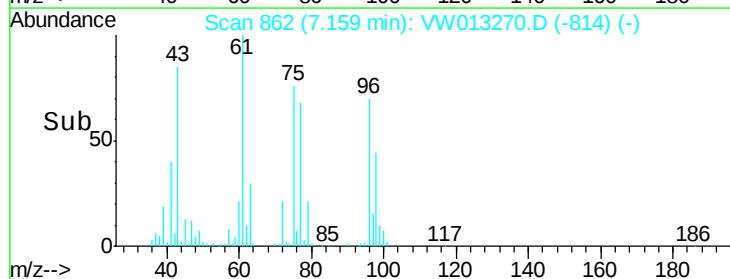
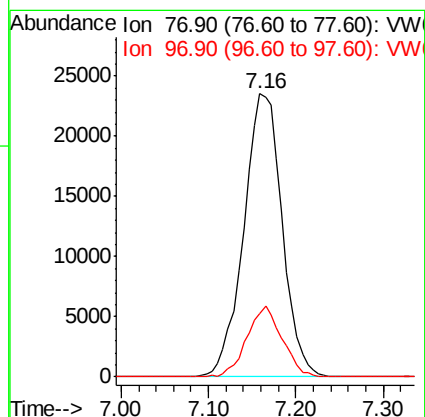
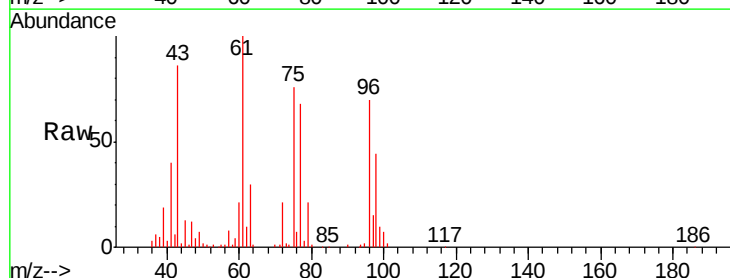
Acq: 24 Sep 2019 12:36

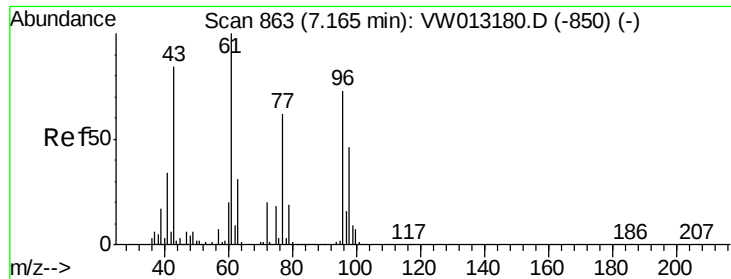
Tgt Ion: 77 Resp: 71708

Ion Ratio Lower Upper

77 100

97 22.9 11.8 35.4



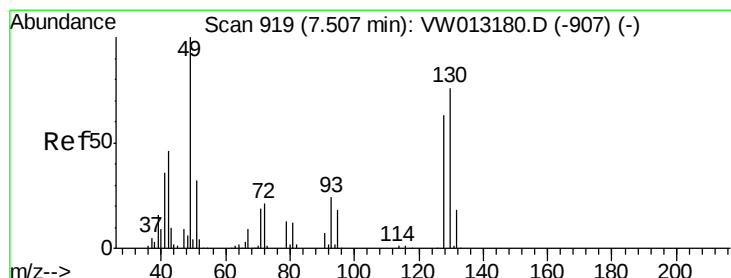
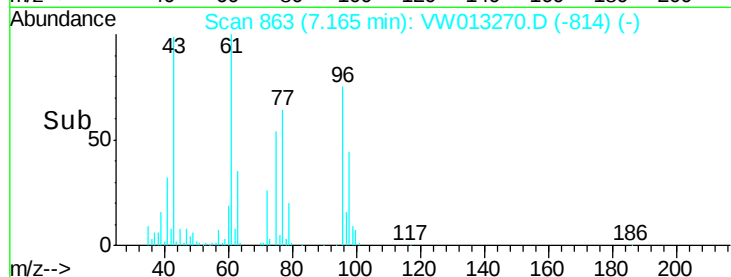
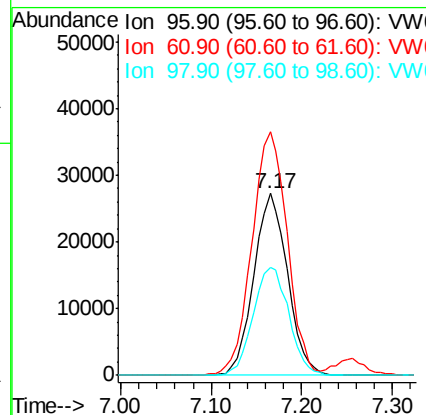
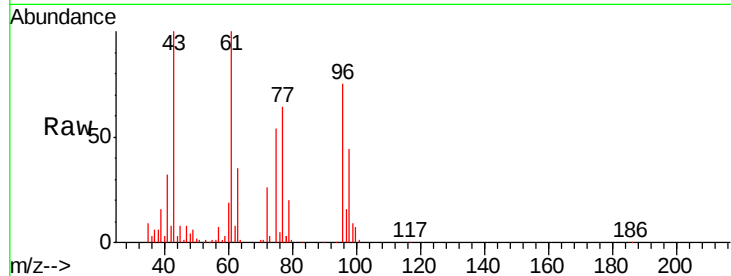


#27

cis-1,2-Dichloroethene
 Concen: 19.837 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW013270.D
 Acq: 24 Sep 2019 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBSD01

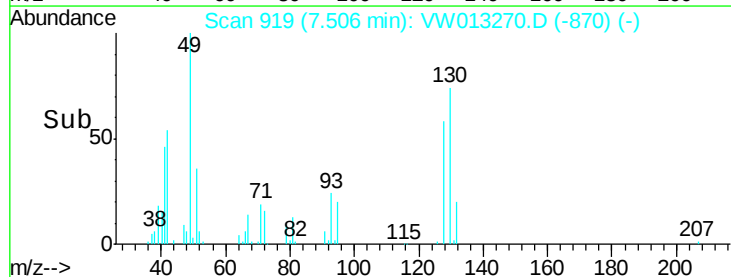
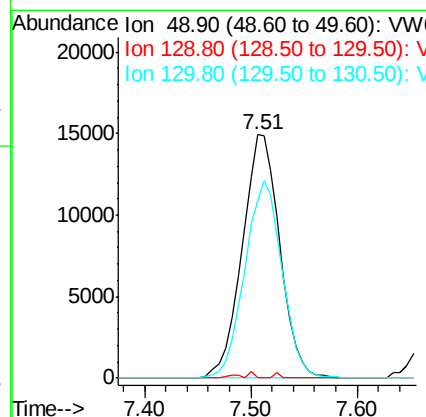
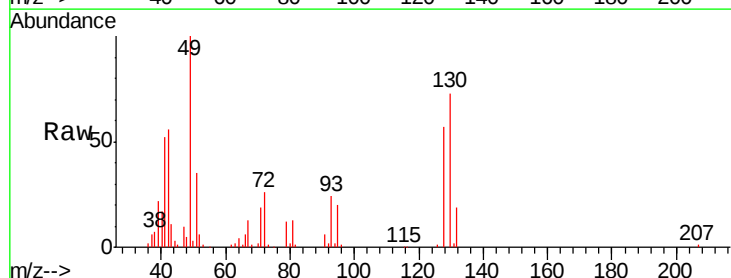
Tgt Ion: 96 Resp: 70206
 Ion Ratio Lower Upper
 96 100
 61 140.1 0.0 282.4
 98 62.8 0.0 128.2



#28

Bromochloromethane
 Concen: 17.004 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW013270.D
 Acq: 24 Sep 2019 12:36

Tgt Ion: 49 Resp: 36981
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 1.0
 130 80.4 63.4 95.2

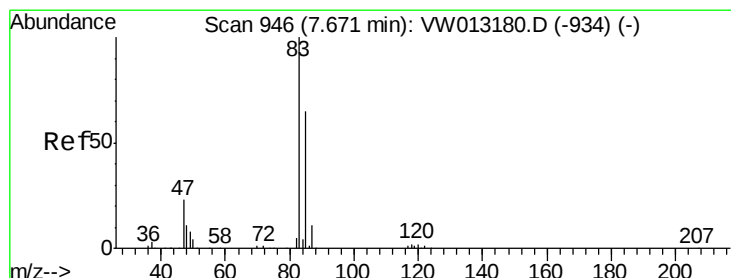
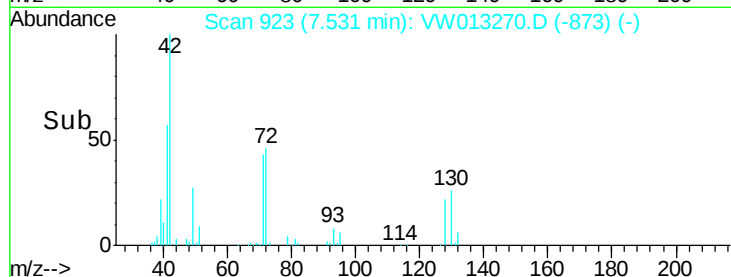
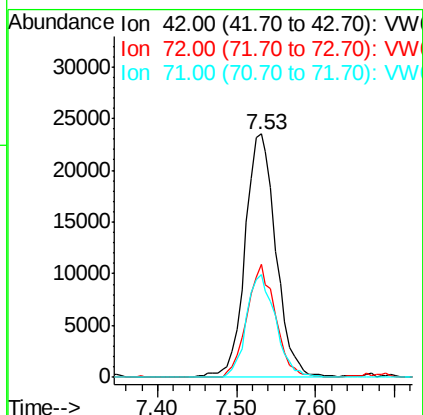
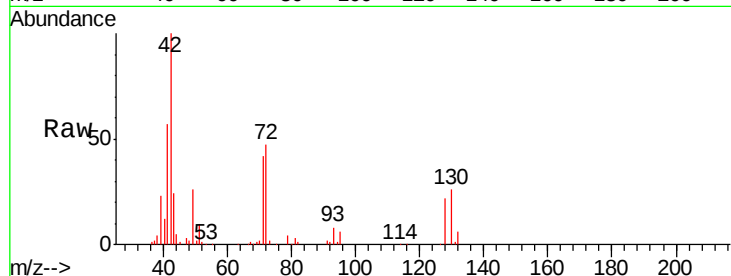




#29
Tetrahydrofuran
Concen: 113.127 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

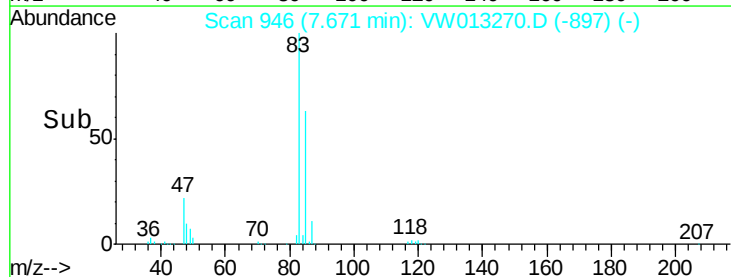
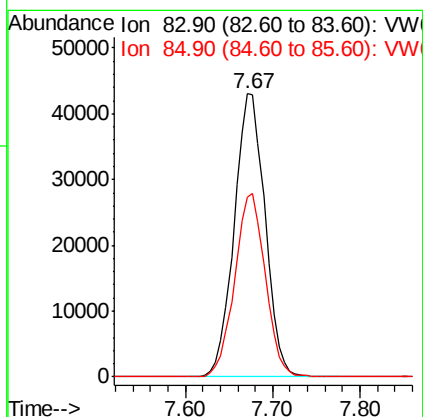
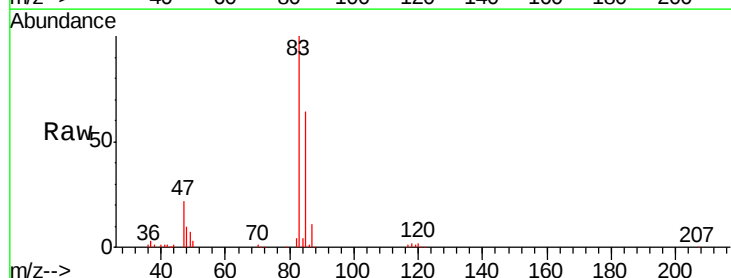
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

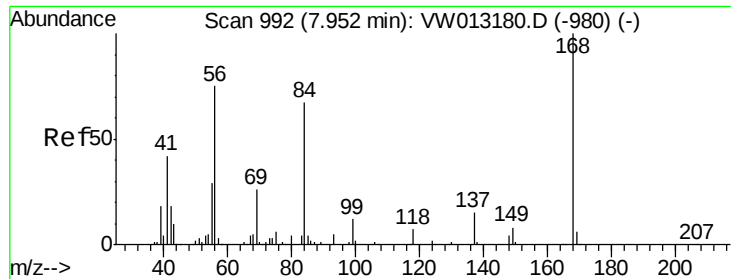
Tgt Ion: 42 Resp: 64000
Ion Ratio Lower Upper
42 100
72 42.9 33.9 50.9
71 40.1 31.9 47.9



#30
Chloroform
Concen: 19.014 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

Tgt Ion: 83 Resp: 105486
Ion Ratio Lower Upper
83 100
85 63.5 52.3 78.5

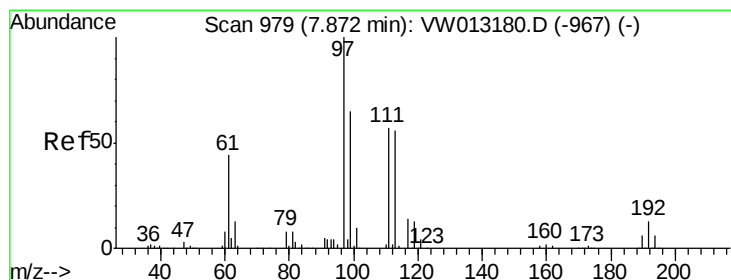
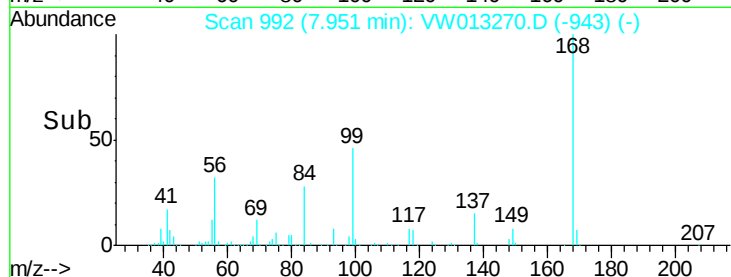
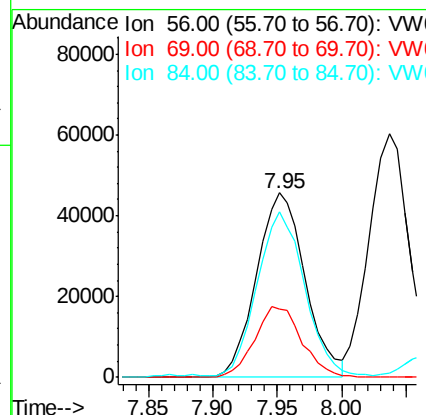
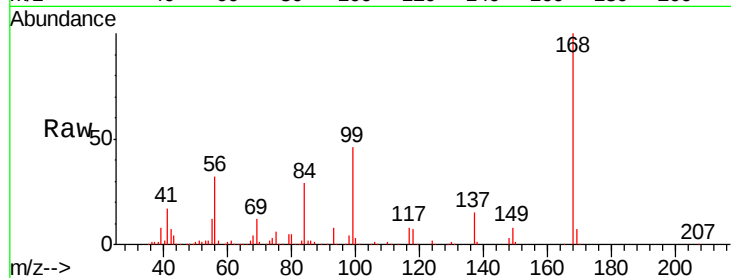




#31
Cyclohexane
Concen: 20.282 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

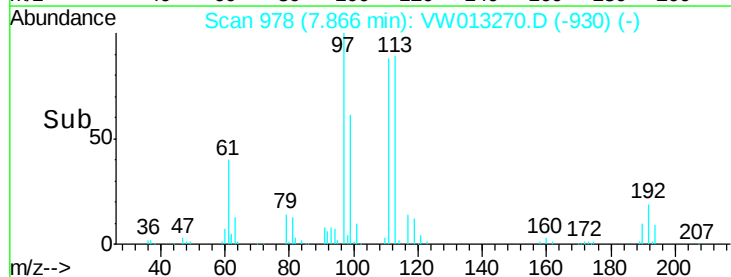
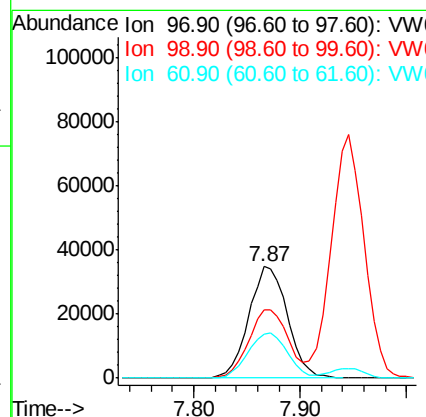
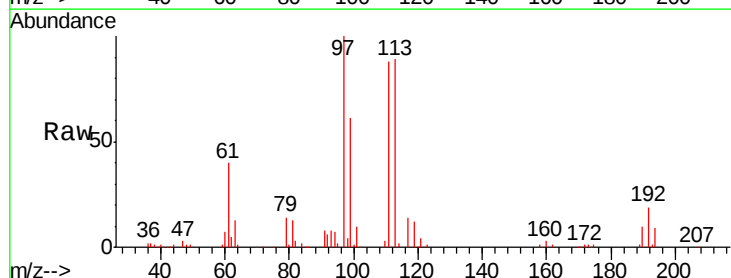
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBSD01

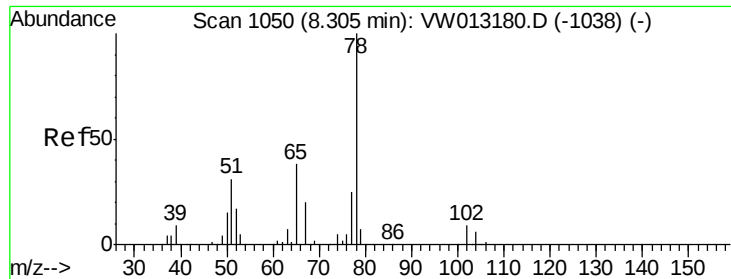
Tgt Ion: 56 Resp: 119803
Ion Ratio Lower Upper
56 100
69 36.9 27.2 40.8
84 88.1 70.8 106.2



#32
1,1,1-Trichloroethane
Concen: 19.729 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

Tgt Ion: 97 Resp: 88645
Ion Ratio Lower Upper
97 100
99 62.1 51.7 77.5
61 41.7 34.6 51.8





#33

1,2-Dichloroethane-d4

Concen: 47.730 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

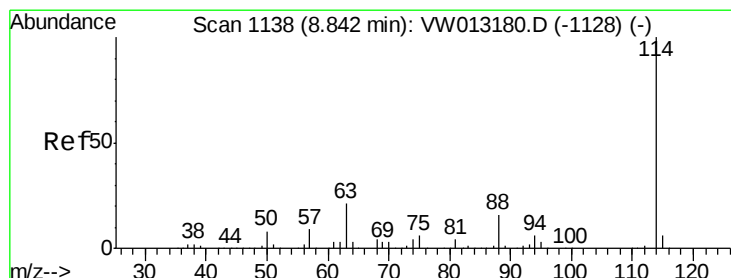
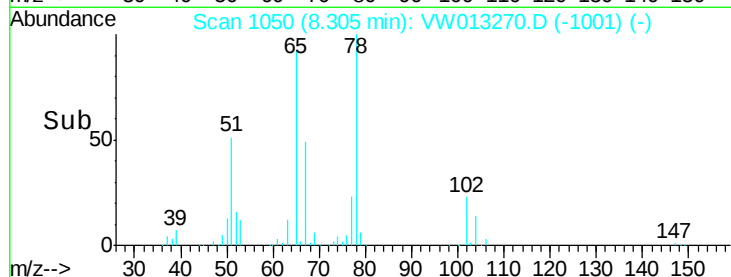
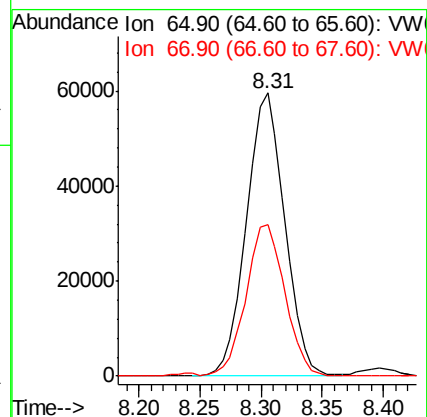
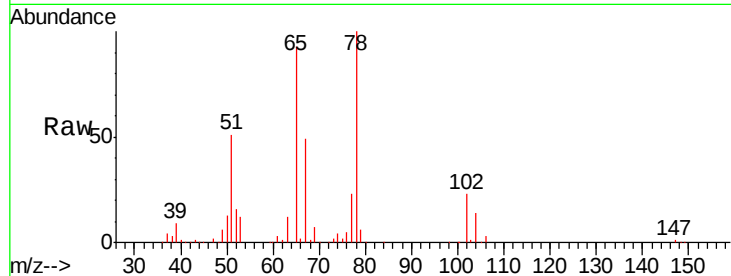
VW0924SBSD01

Tgt Ion: 65 Resp: 130065

Ion Ratio Lower Upper

65 100

67 54.2 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

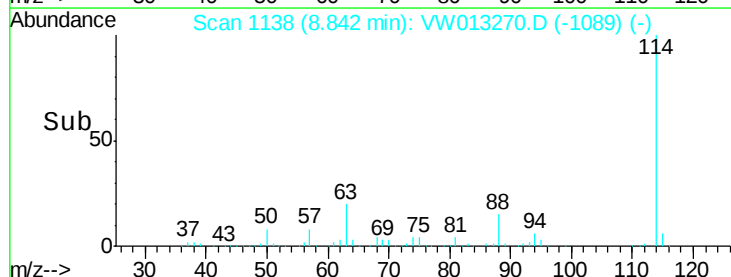
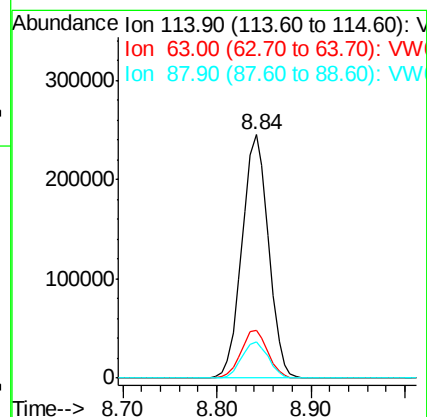
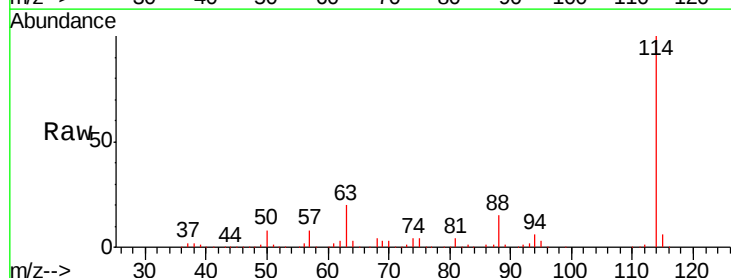
Tgt Ion: 114 Resp: 478048

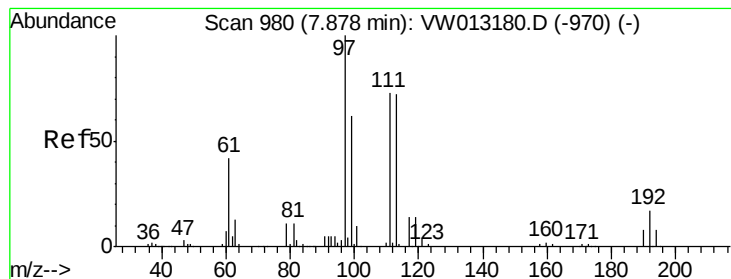
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

88 14.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.549 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampled :

VW0924SBSD01

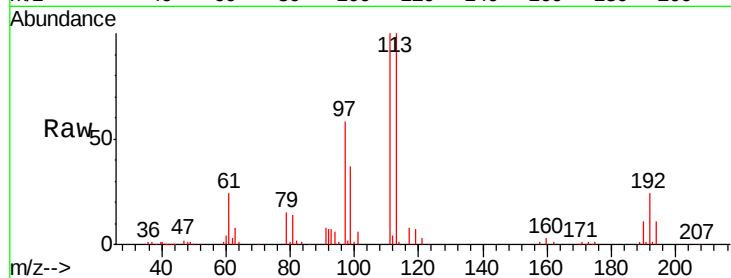
Tgt Ion: 113 Resp: 127649

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

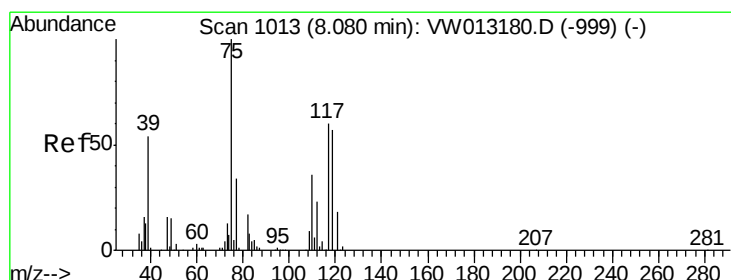
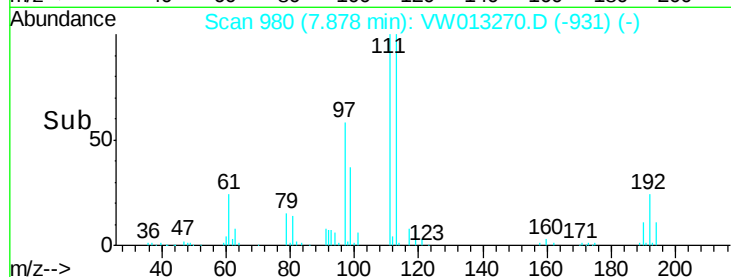
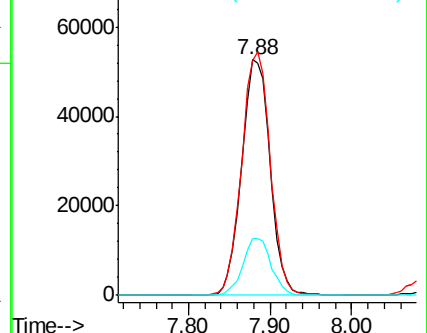
192 24.0 19.1 28.7



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: 20.000 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

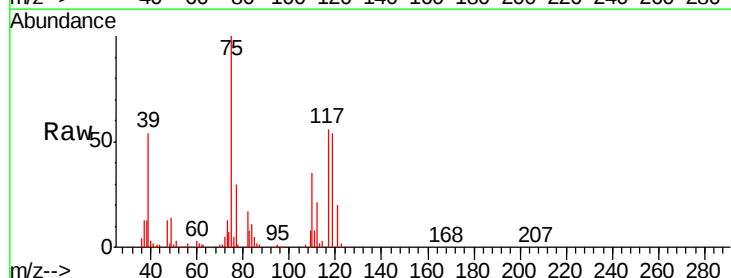
Tgt Ion: 75 Resp: 92606

Ion Ratio Lower Upper

75 100

110 36.1 18.1 54.3

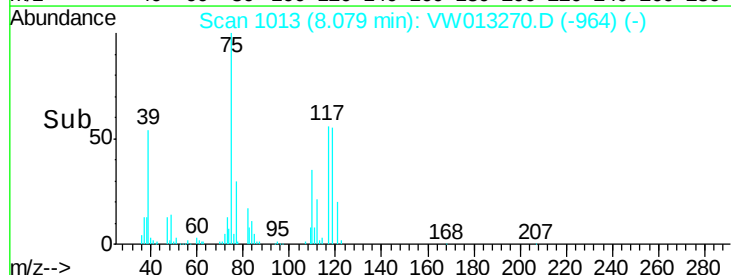
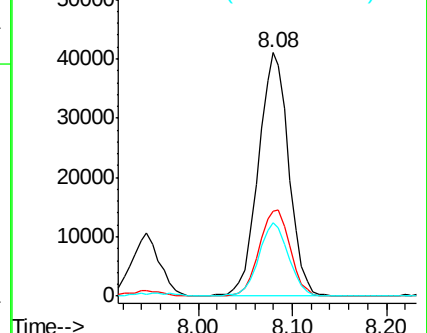
77 29.9 25.8 38.6

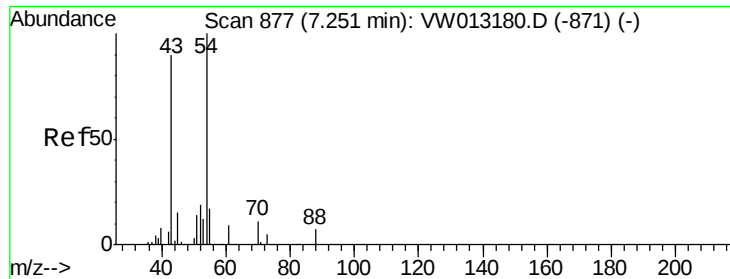


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

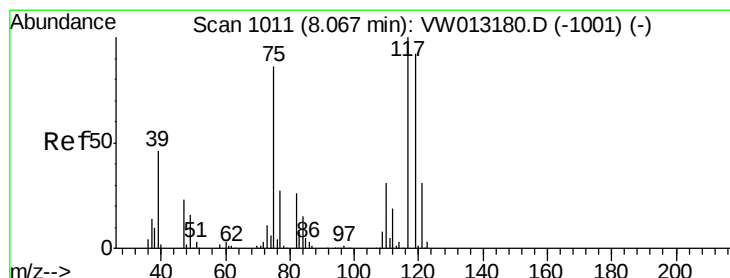
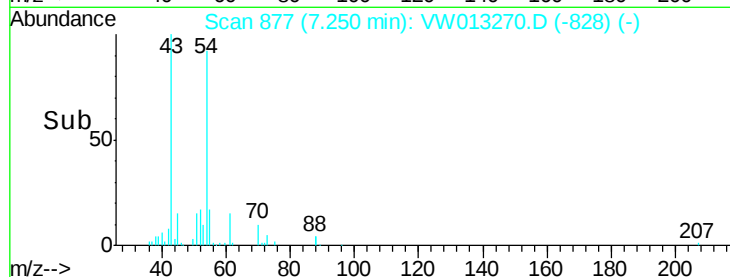
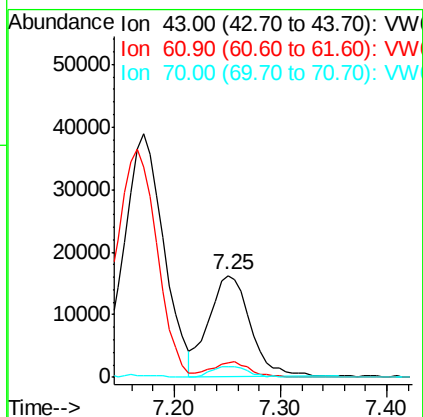
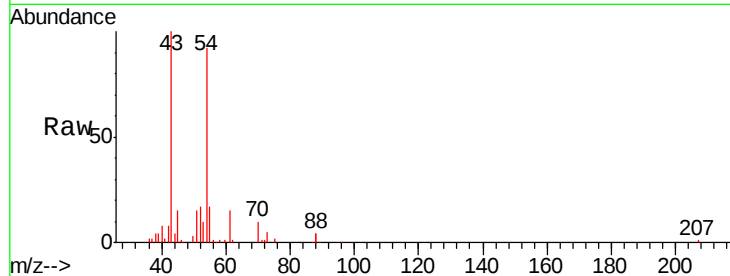




#37
Ethyl Acetate
Concen: 22.305 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

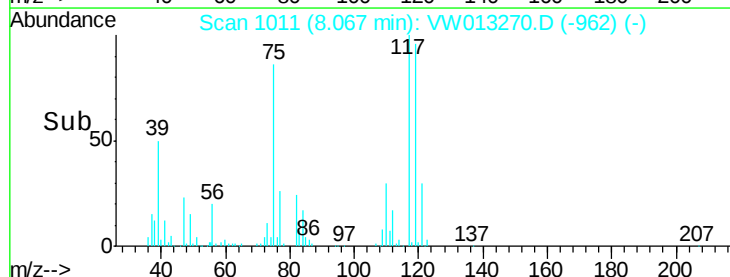
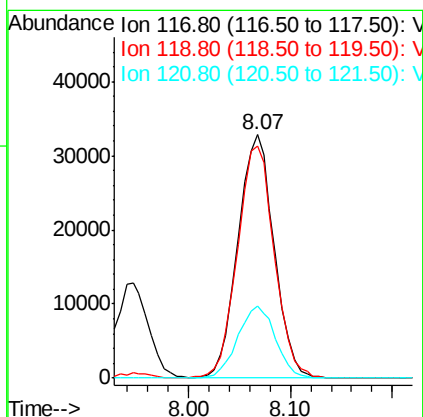
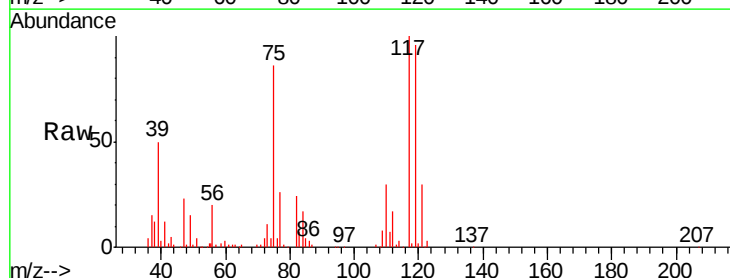
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBSD01

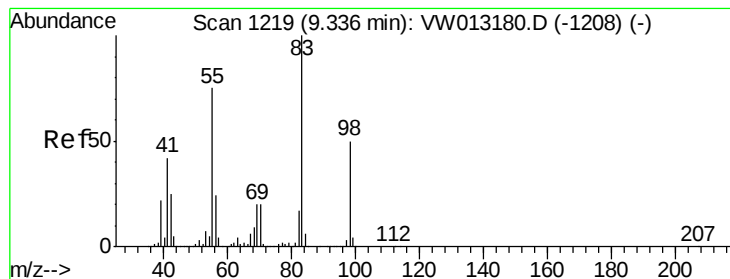
Tgt Ion: 43 Resp: 43894
Ion Ratio Lower Upper
43 100
61 13.8 10.9 16.3
70 10.1 8.2 12.2



#38
Carbon Tetrachloride
Concen: 19.442 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

Tgt Ion: 117 Resp: 80698
Ion Ratio Lower Upper
117 100
119 95.5 73.5 110.3
121 29.6 25.0 37.6





#39

Methylcyclohexane

Concen: 20.312 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBSD01

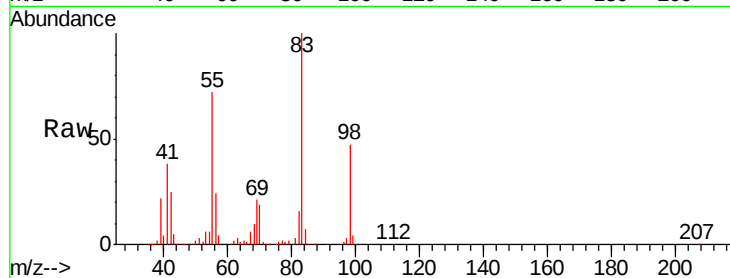
Tgt Ion: 83 Resp: 120863

Ion Ratio Lower Upper

83 100

55 72.0 60.4 90.6

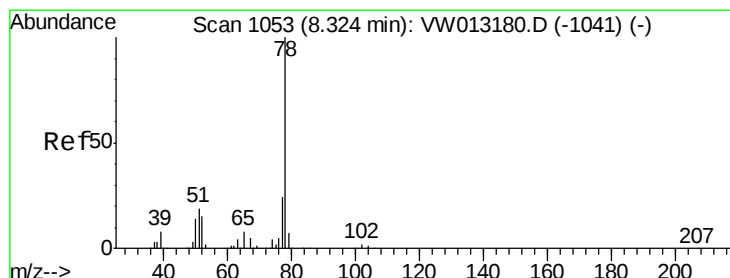
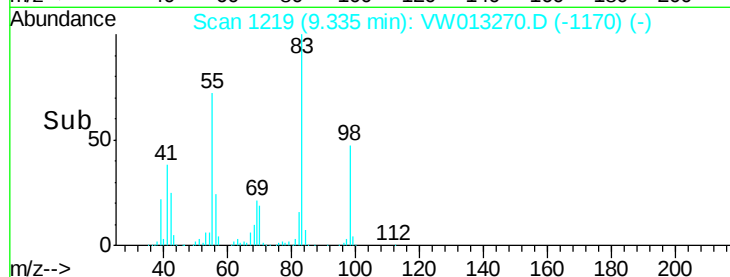
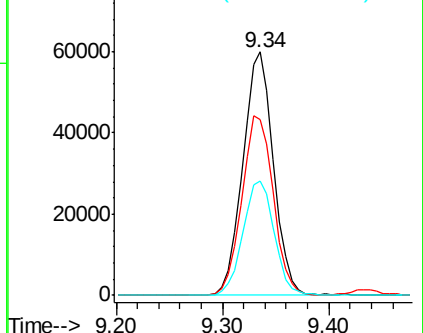
98 47.0 40.0 60.0



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 20.046 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW013270.D

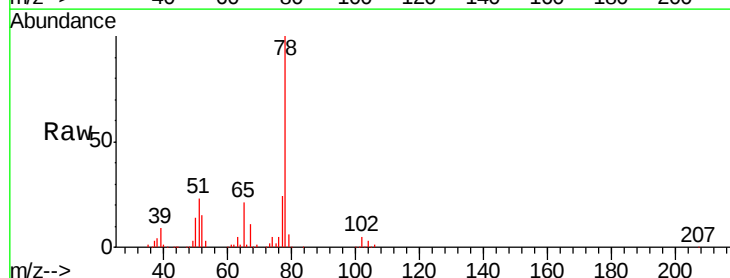
Acq: 24 Sep 2019 12:36

Tgt Ion: 78 Resp: 258891

Ion Ratio Lower Upper

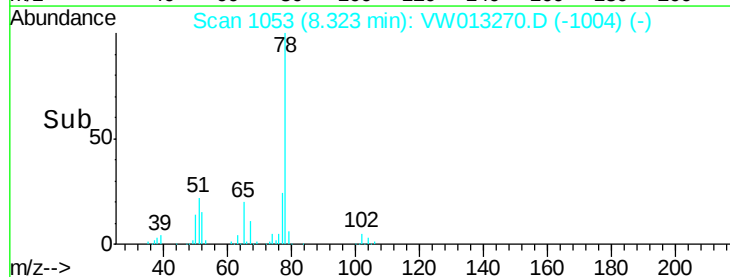
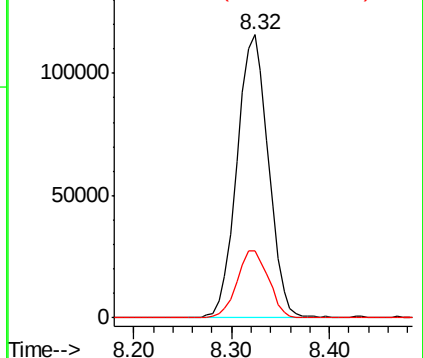
78 100

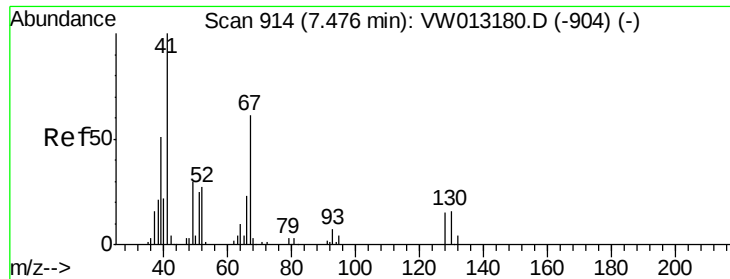
77 23.8 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 20.639 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBSD01

Tgt Ion: 41 Resp: 24240

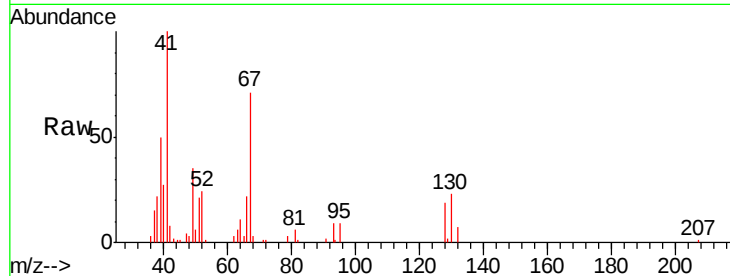
Ion Ratio Lower Upper

41 100

39 51.0 45.9 68.9

67 74.5 54.5 81.7

52 27.7 22.5 33.7

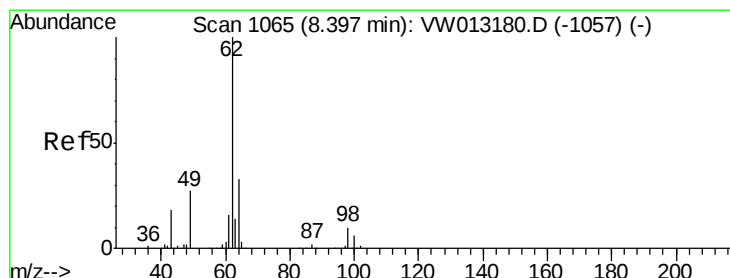
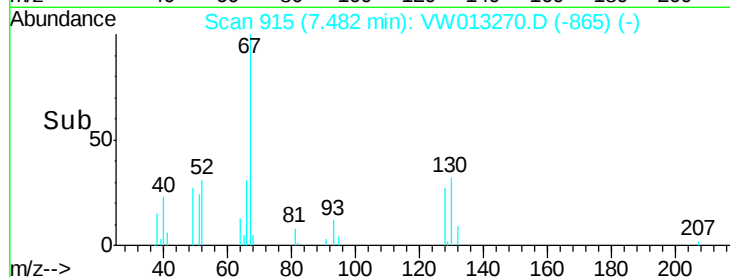
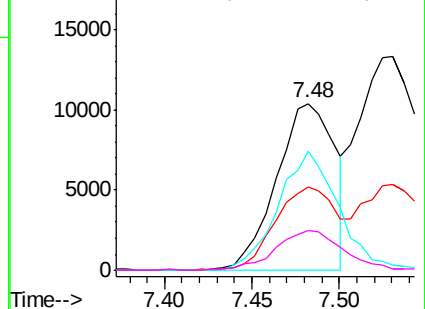


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 19.187 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW013270.D

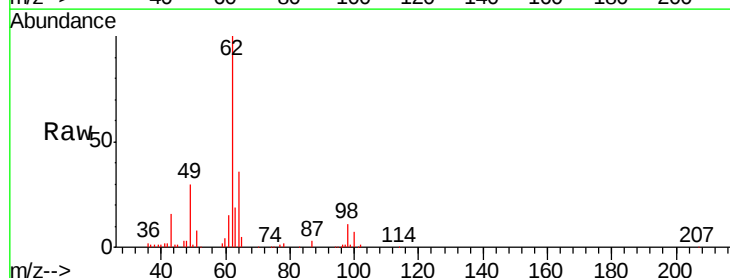
Acq: 24 Sep 2019 12:36

Tgt Ion: 62 Resp: 66613

Ion Ratio Lower Upper

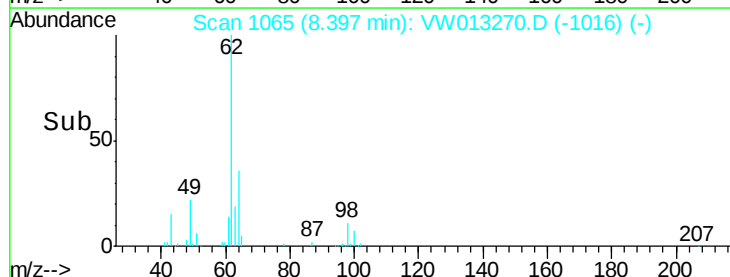
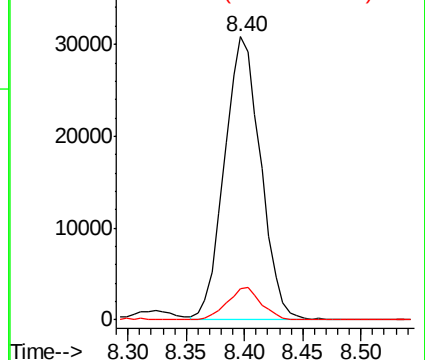
62 100

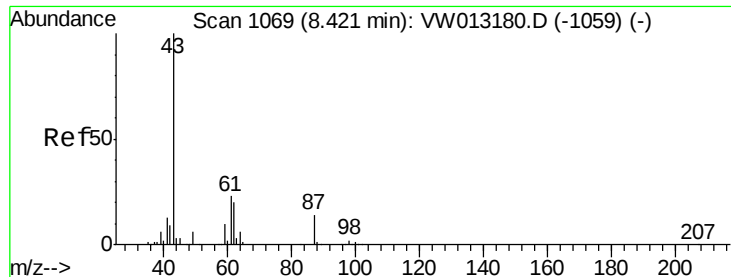
98 10.8 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.119 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBSD01

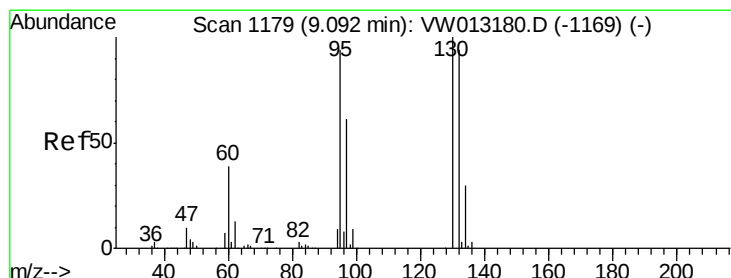
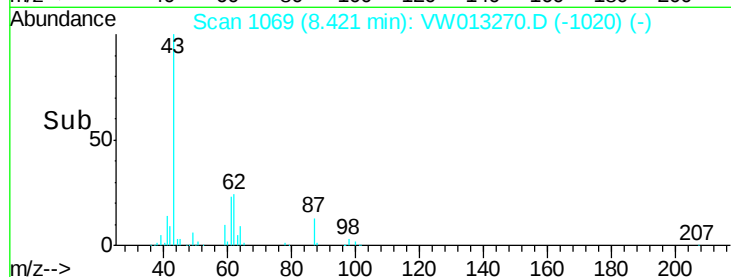
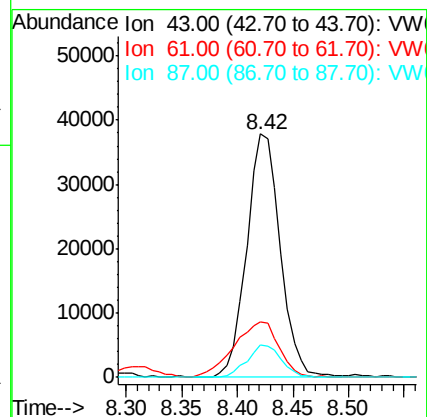
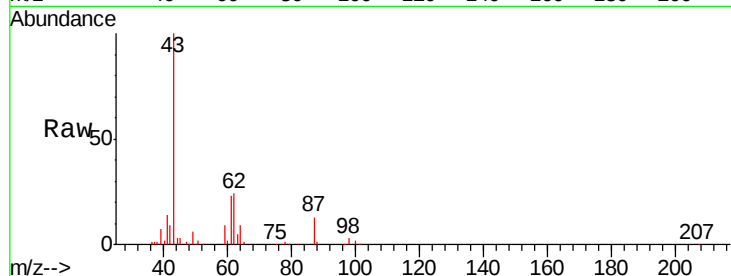
Tgt Ion: 43 Resp: 79651

Ion Ratio Lower Upper

43 100

61 30.5 25.5 38.3

87 13.6 11.0 16.4



#44

Trichloroethene

Concen: 19.977 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW013270.D

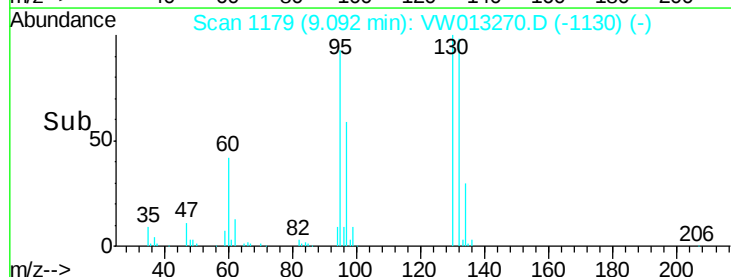
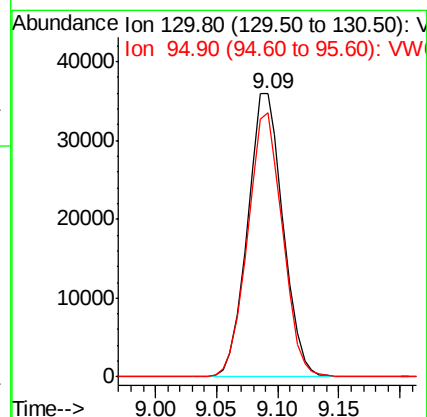
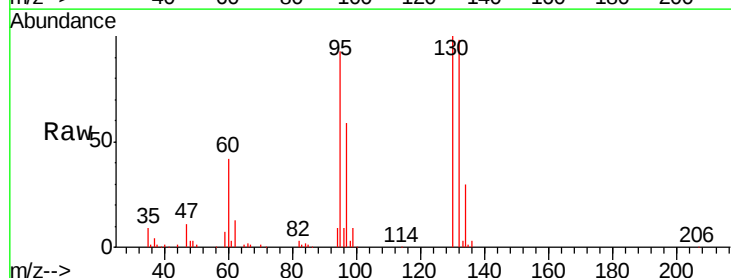
Acq: 24 Sep 2019 12:36

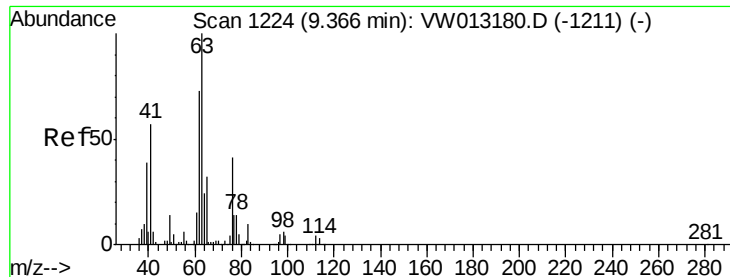
Tgt Ion: 130 Resp: 72387

Ion Ratio Lower Upper

130 100

95 93.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.697 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

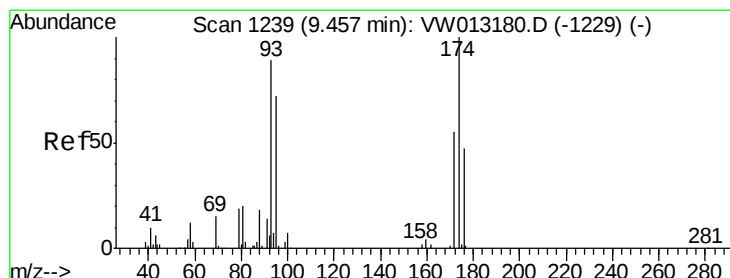
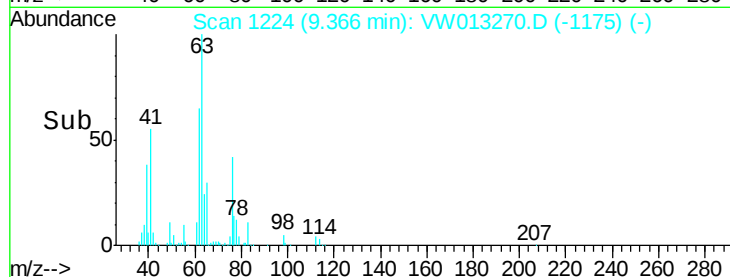
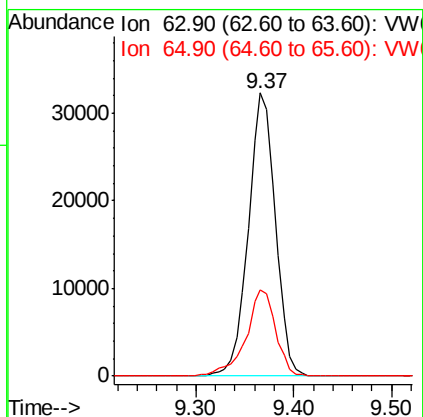
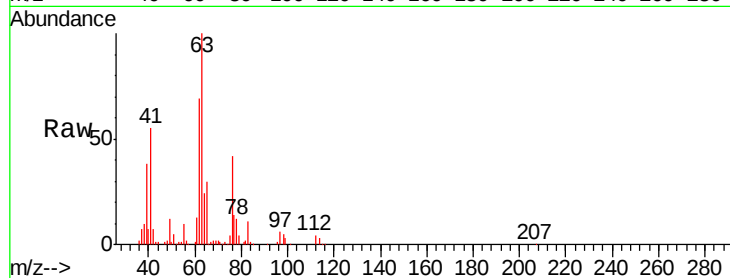
VW0924SBSD01

Tgt Ion: 63 Resp: 62108

Ion Ratio Lower Upper

63 100

65 30.4 25.3 37.9



#46

Dibromomethane

Concen: 19.977 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

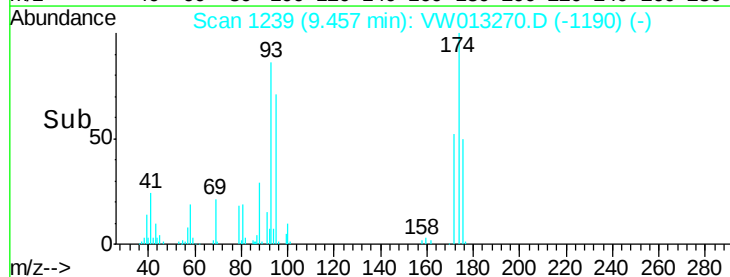
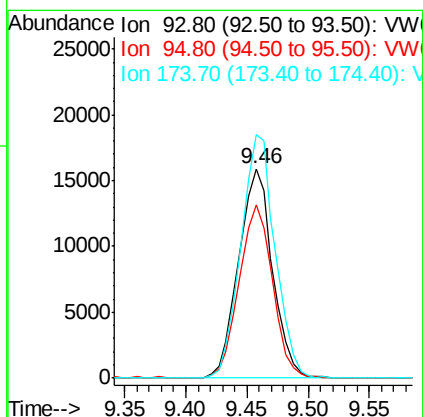
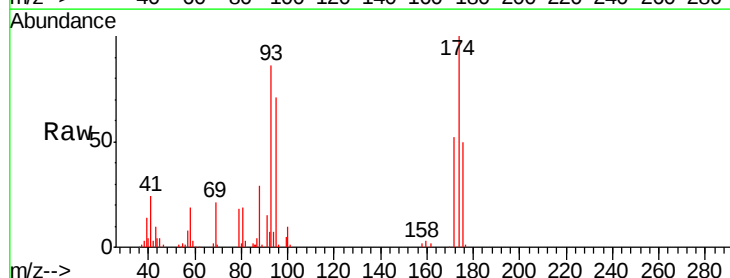
Tgt Ion: 93 Resp: 30581

Ion Ratio Lower Upper

93 100

95 81.6 66.4 99.6

174 117.5 93.0 139.6





#47

Bromodichloromethane

Concen: 18.892 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBSD01

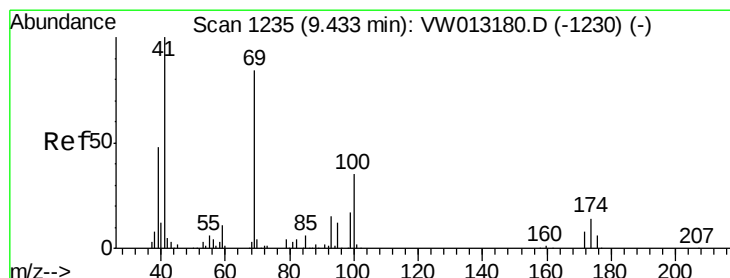
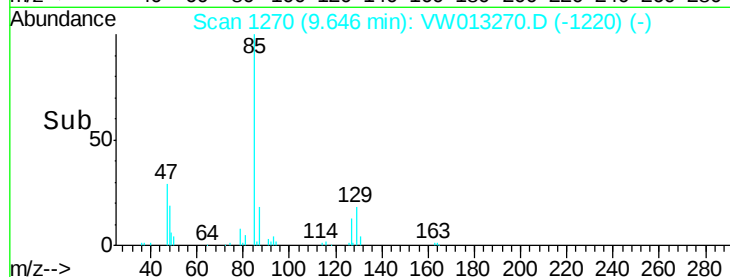
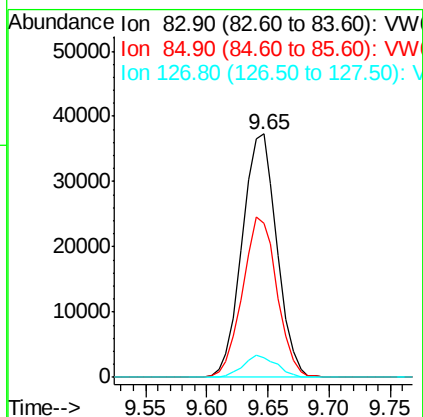
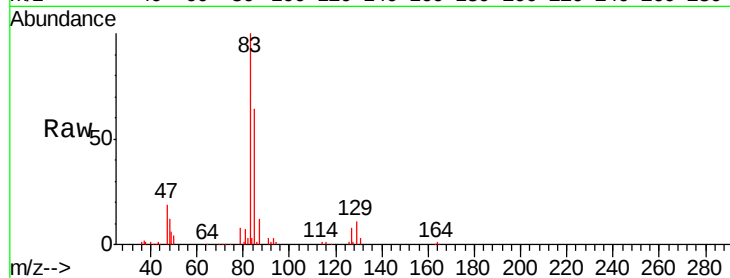
Tgt Ion: 83 Resp: 73589

Ion Ratio Lower Upper

83 100

85 63.5 49.4 74.2

127 8.0 6.5 9.7



#48

Methyl methacrylate

Concen: 21.026 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

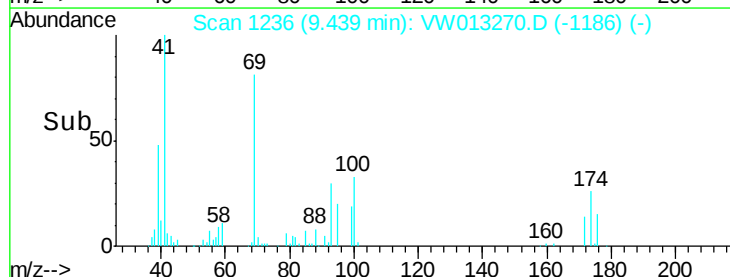
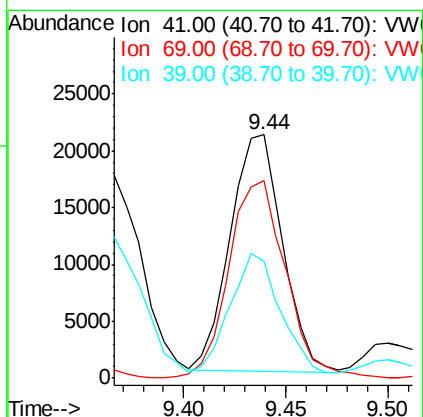
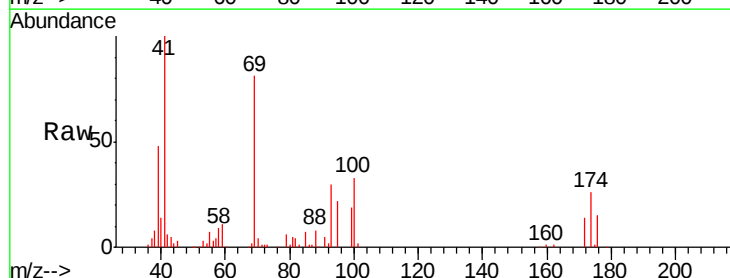
Tgt Ion: 41 Resp: 37290

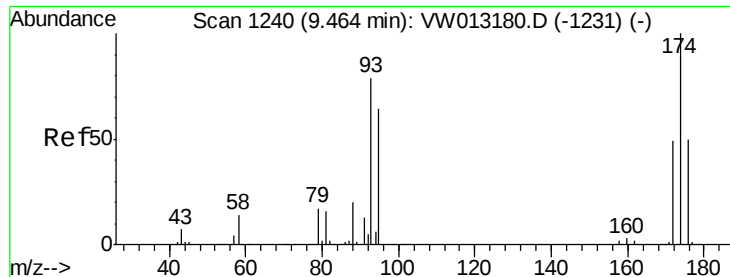
Ion Ratio Lower Upper

41 100

69 90.3 69.7 104.5

39 49.0 41.1 61.7





#49

1,4-Dioxane

Concen: 504.291 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBSD01

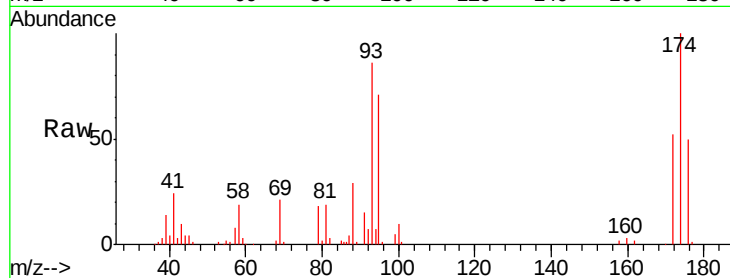
Tgt Ion: 88 Resp: 11588

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

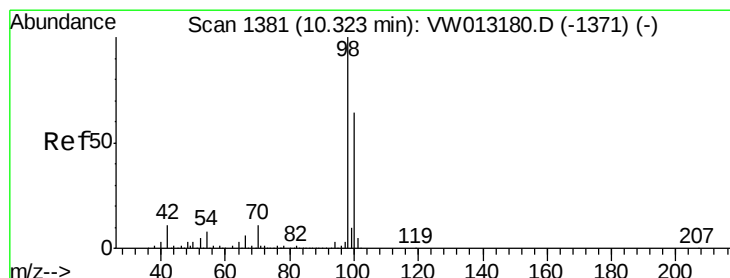
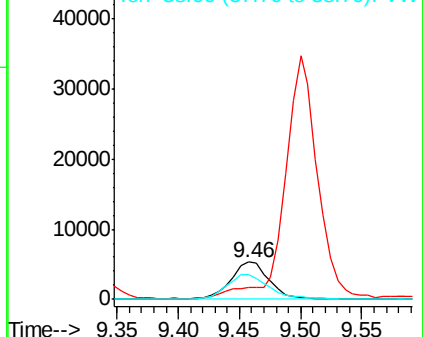
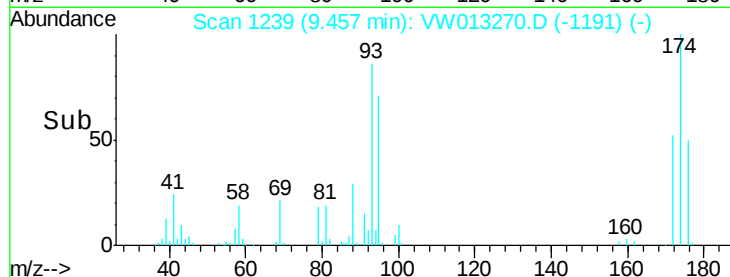
58 75.8 65.4 98.0



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: 48.830 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013270.D

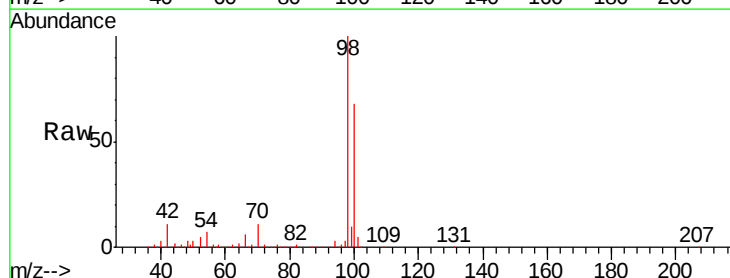
Acq: 24 Sep 2019 12:36

Tgt Ion: 98 Resp: 537311

Ion Ratio Lower Upper

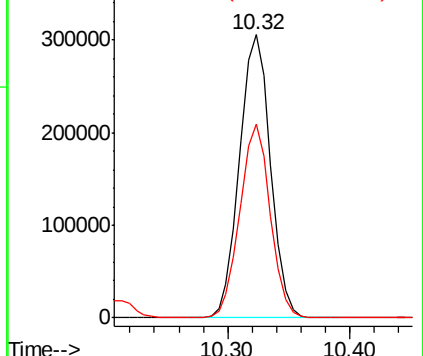
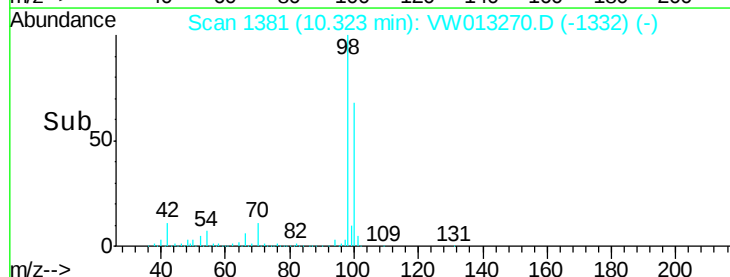
98 100

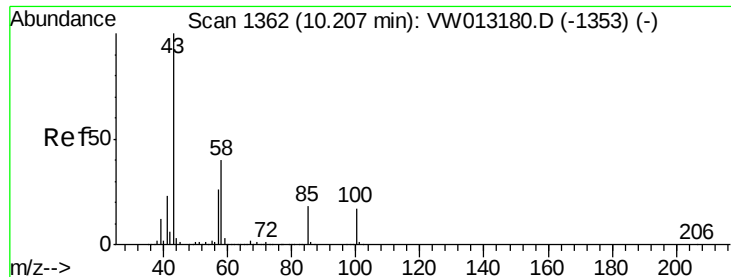
100 67.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

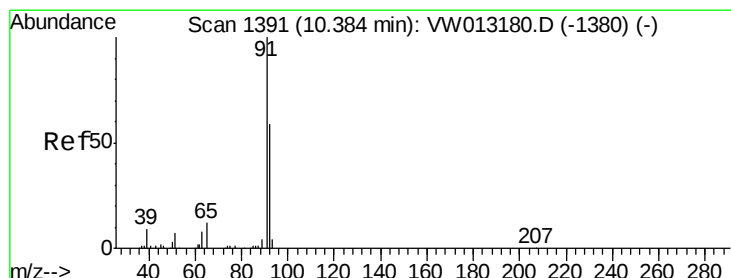
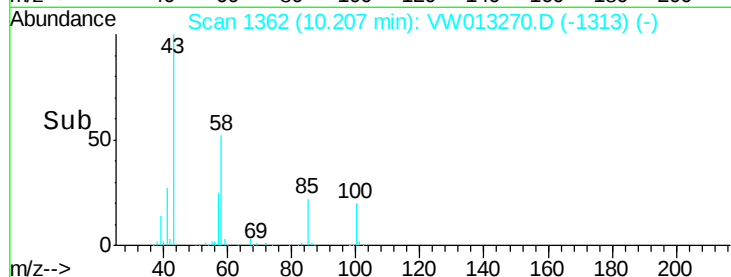
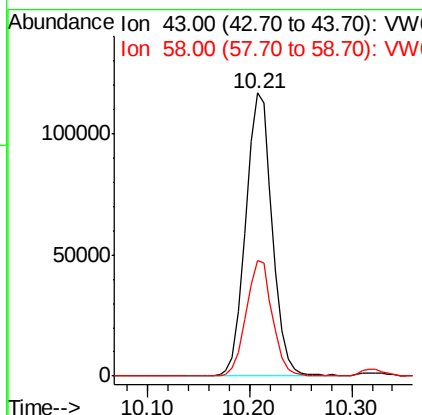
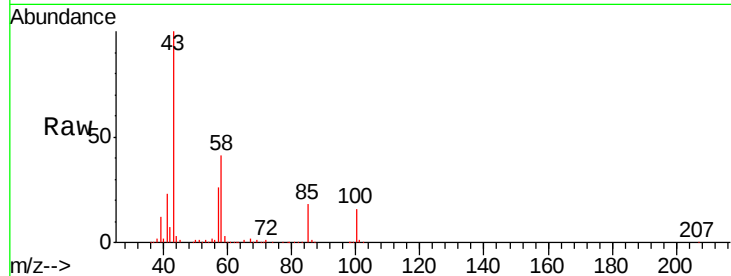




#51
 4-Methyl-2-Pentanone
 Concen: 111.791 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW013270.D
 Acq: 24 Sep 2019 12:36

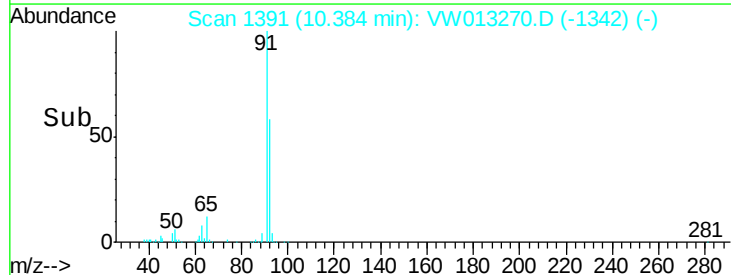
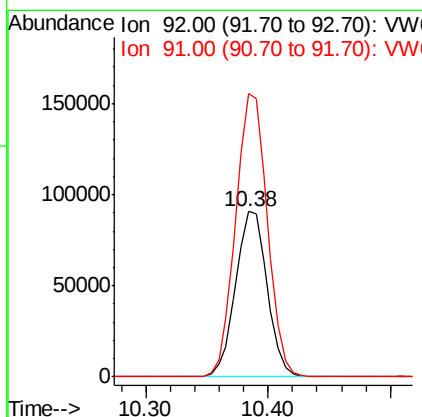
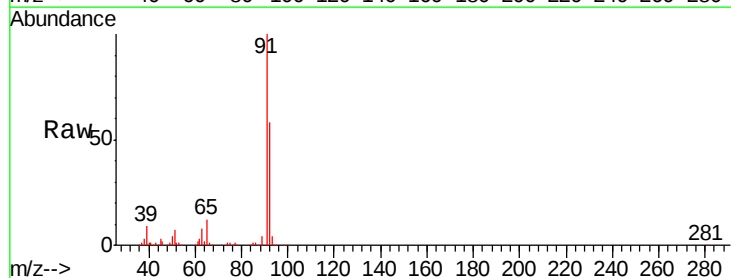
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBSD01

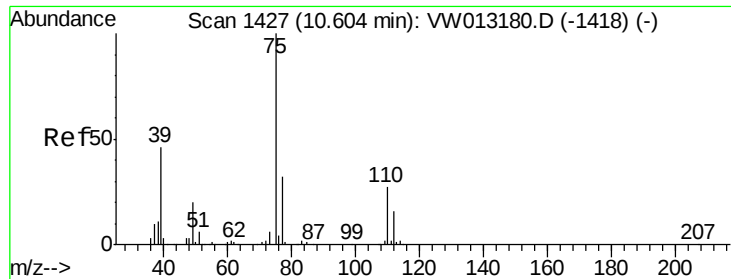
Tgt Ion: 43 Resp: 211371
 Ion Ratio Lower Upper
 43 100
 58 40.5 31.7 47.5



#52
 Toluene
 Concen: 19.594 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW013270.D
 Acq: 24 Sep 2019 12:36

Tgt Ion: 92 Resp: 162187
 Ion Ratio Lower Upper
 92 100
 91 172.4 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 20.065 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

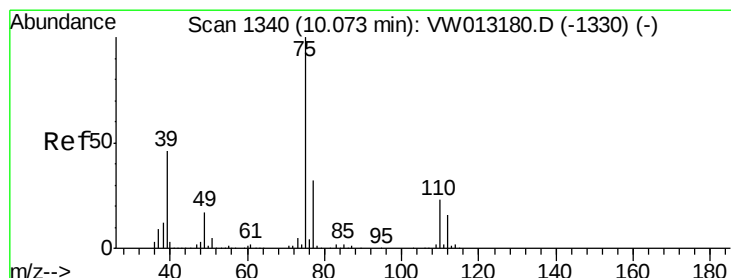
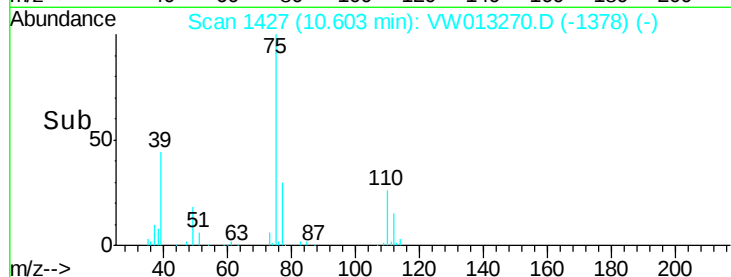
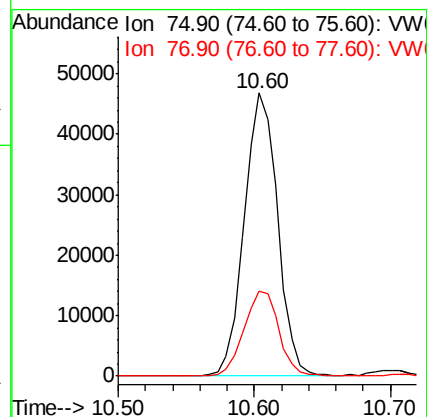
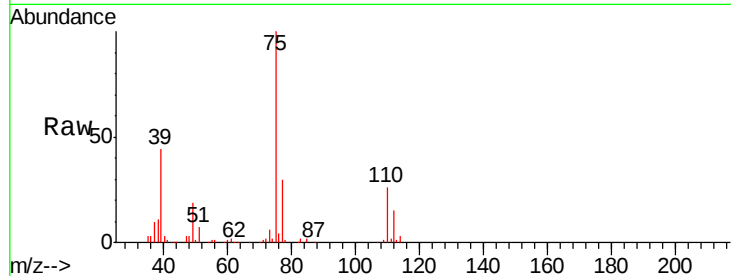
VW0924SBSD01

Tgt Ion: 75 Resp: 80298

Ion Ratio Lower Upper

75 100

77 30.1 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 19.522 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

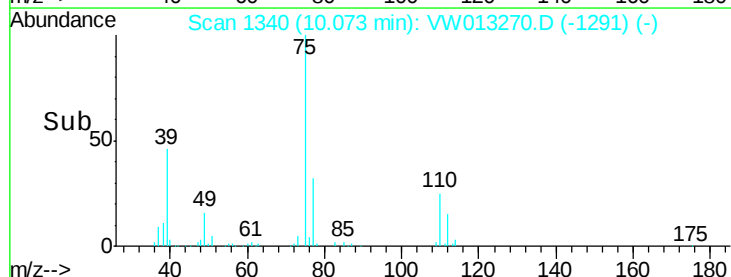
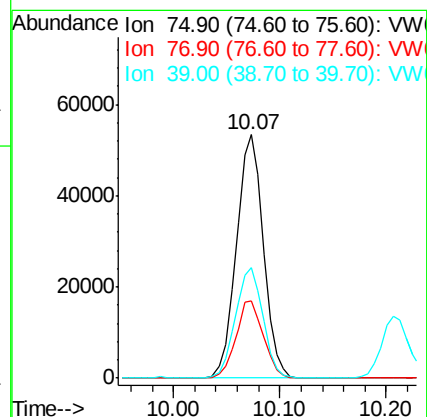
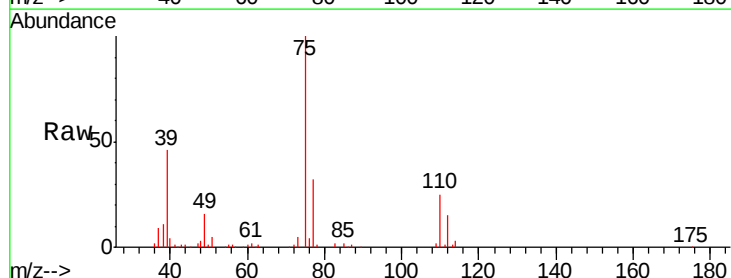
Tgt Ion: 75 Resp: 94991

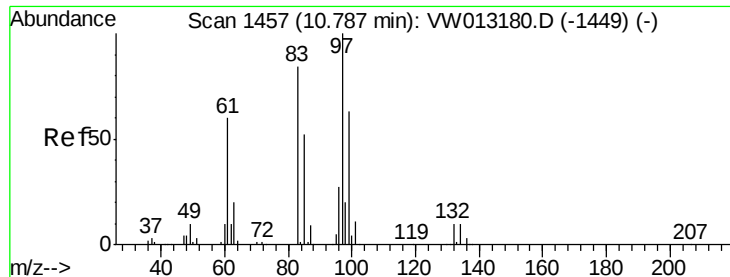
Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

39 45.6 36.6 55.0

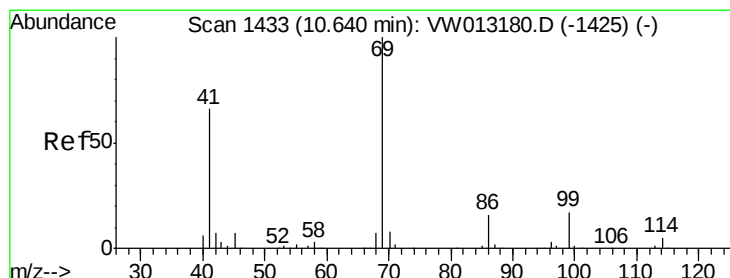
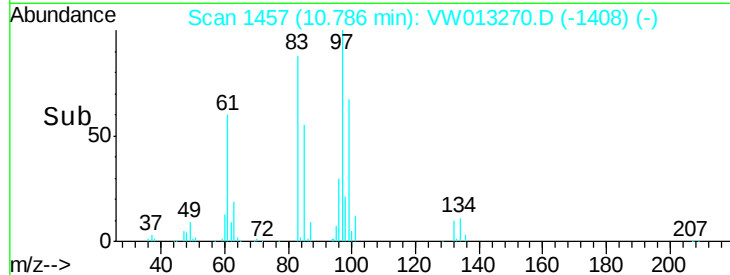
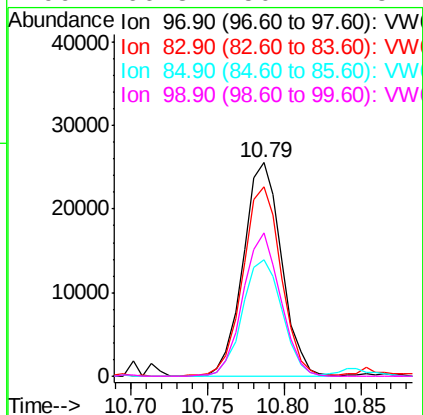
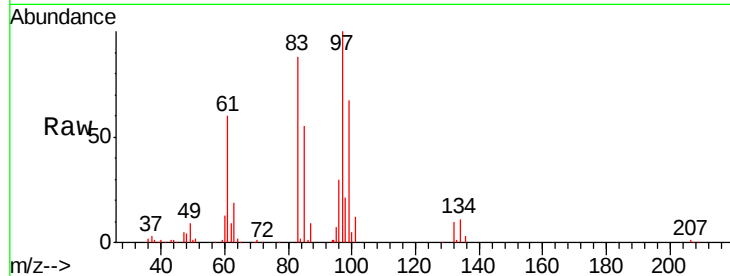




#55
 1,1,2-Trichloroethane
 Concen: 19.475 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013270.D
 Acq: 24 Sep 2019 12:36

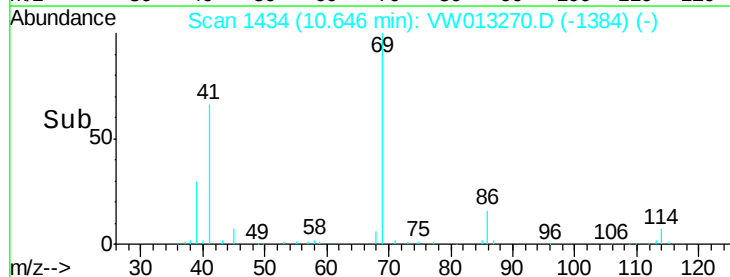
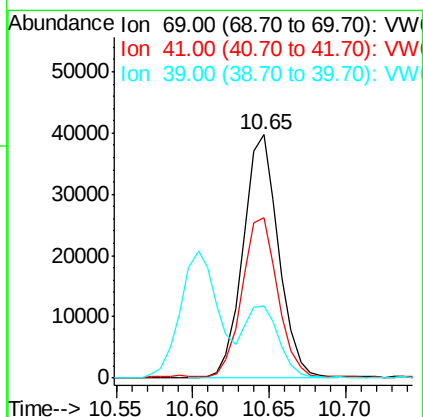
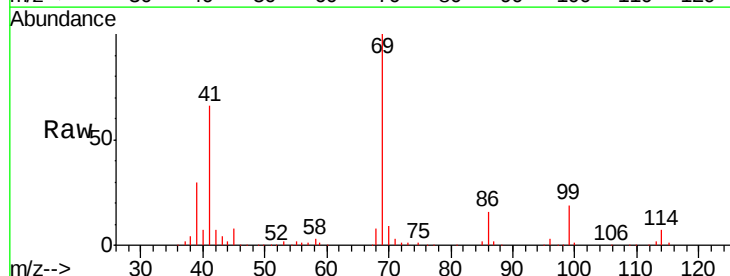
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBSD01

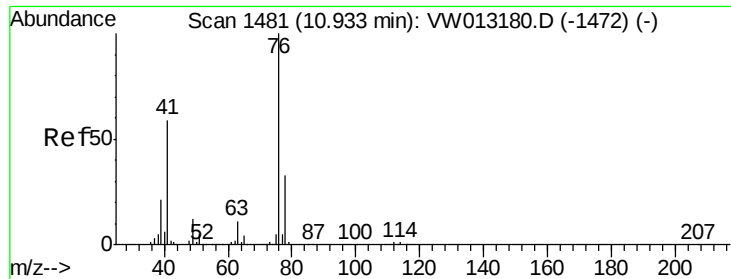
Tgt Ion:	97	Resp:	44560
Ion	Ratio	Lower	Upper
97	100		
83	88.0	67.6	101.4
85	54.7	41.9	62.9
99	66.8	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 21.364 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW013270.D
 Acq: 24 Sep 2019 12:36

Tgt Ion:	69	Resp:	63974
Ion	Ratio	Lower	Upper
69	100		
41	65.6	53.9	80.9
39	28.3	23.8	35.6

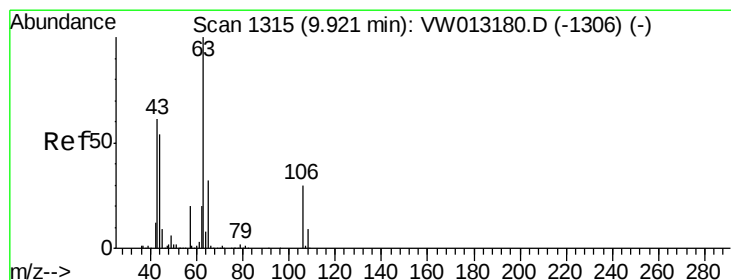
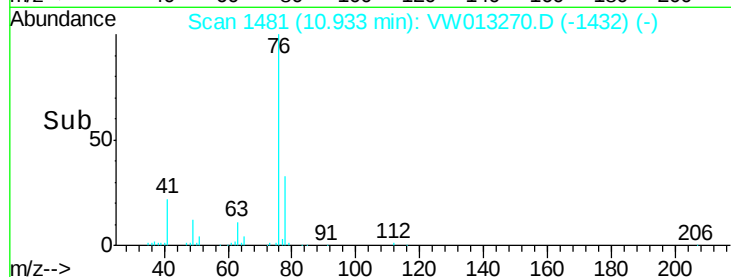
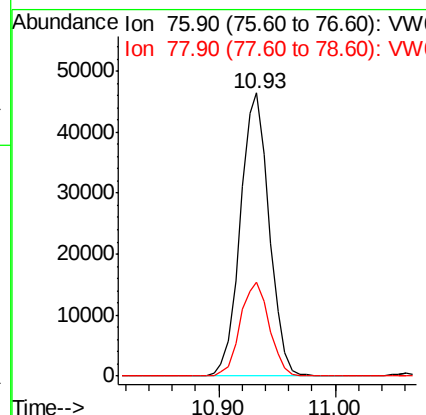
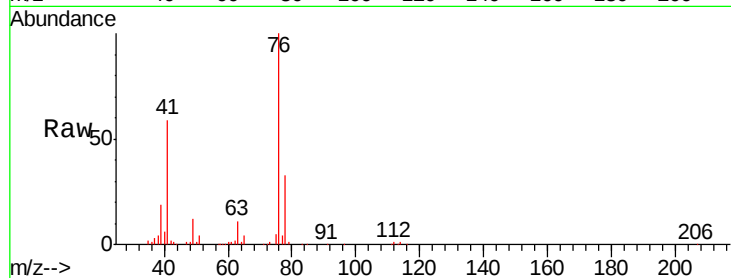




#57
 1,3-Dichloropropane
 Concen: 20.027 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013270.D
 Acq: 24 Sep 2019 12:36

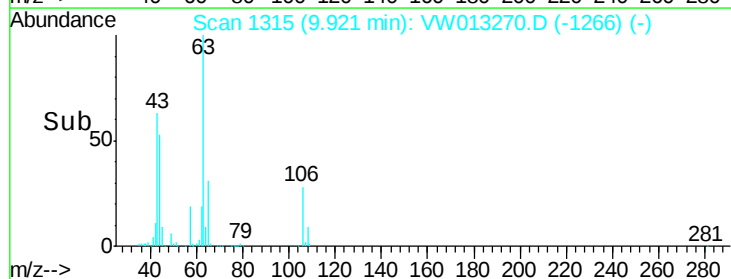
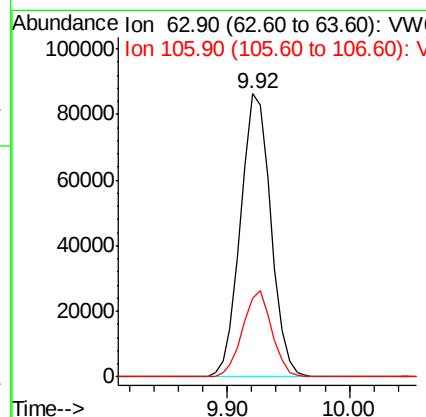
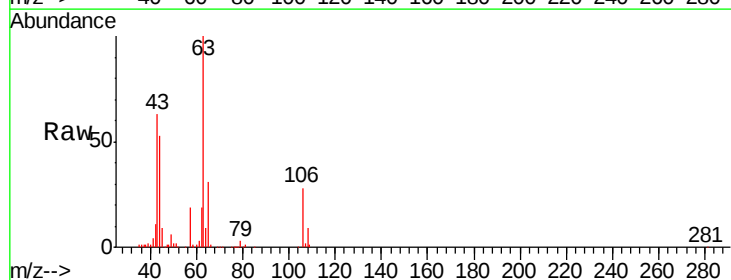
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBSD01

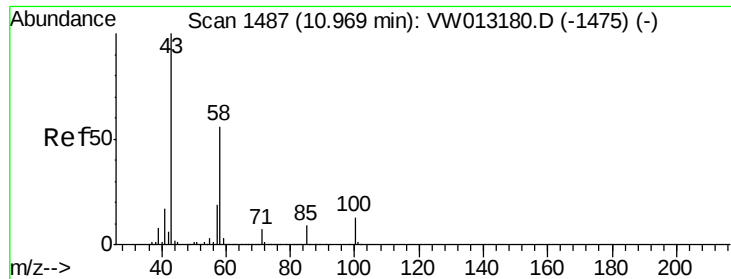
Tgt Ion: 76 Resp: 79963
 Ion Ratio Lower Upper
 76 100
 78 33.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.231 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013270.D
 Acq: 24 Sep 2019 12:36

Tgt Ion: 63 Resp: 148653
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.4 35.0

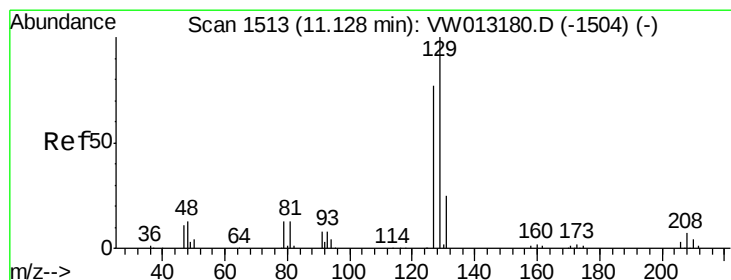
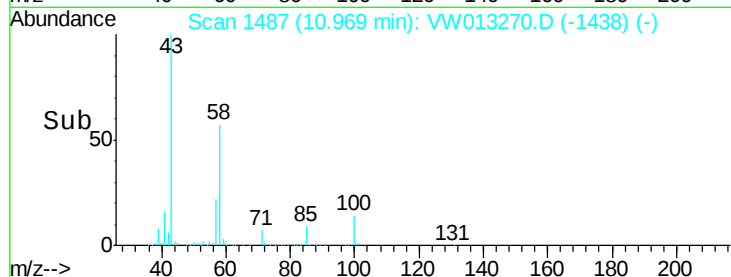
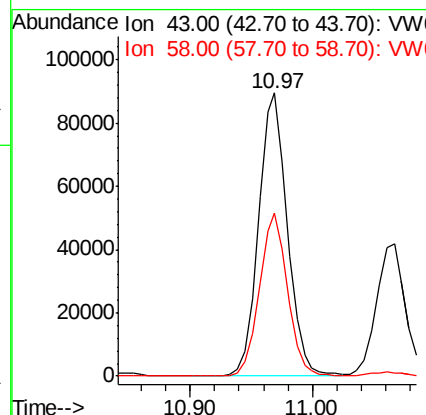
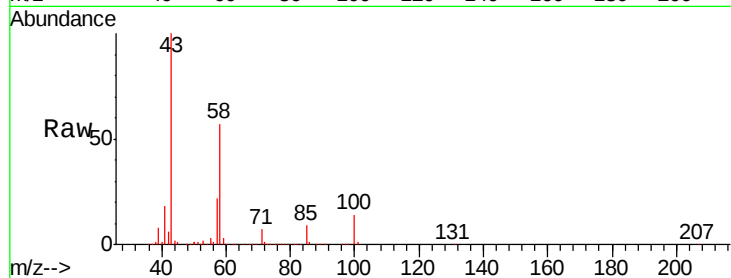




#59
2-Hexanone
Concen: 113.102 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

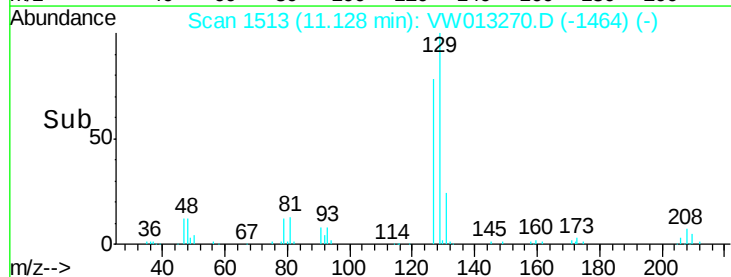
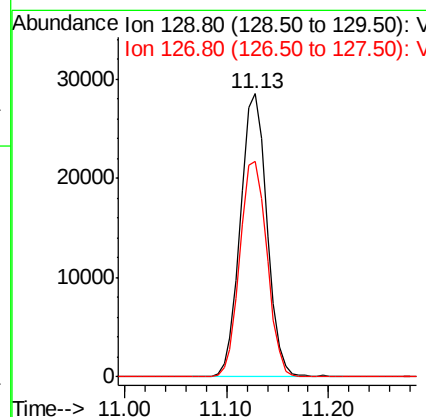
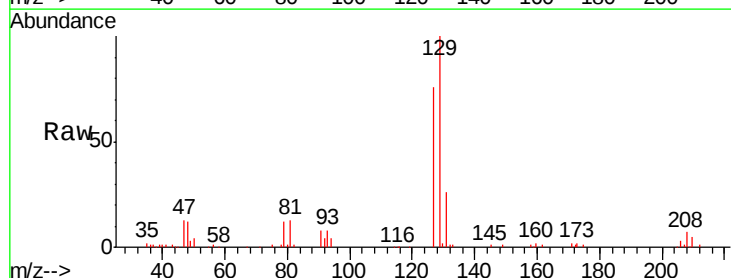
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBSD01

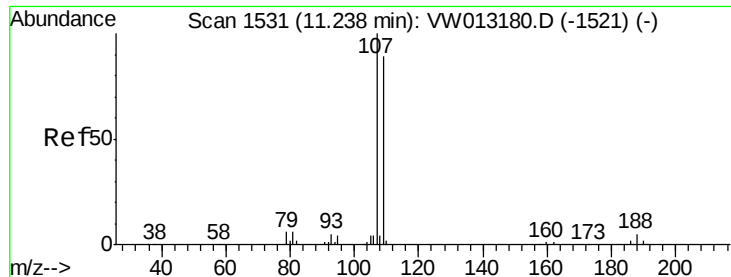
Tgt Ion: 43 Resp: 147128
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.2



#60
Dibromochloromethane
Concen: 19.784 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

Tgt Ion: 129 Resp: 51401
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4

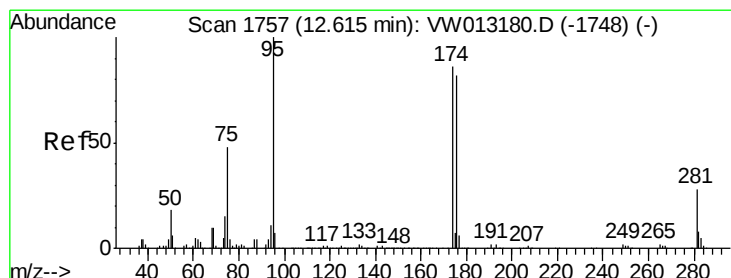
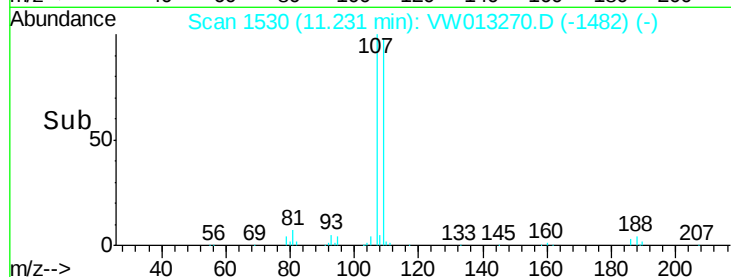
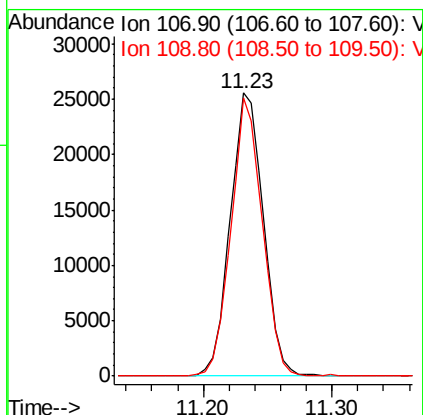
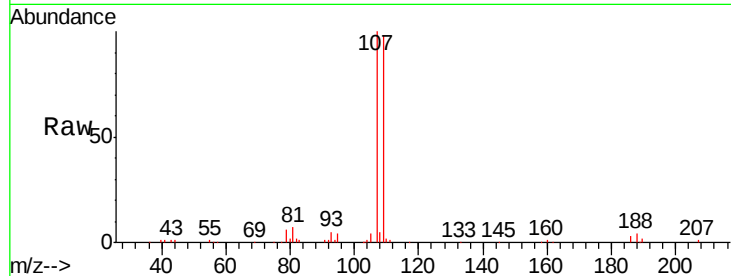




#61
 1,2-Dibromoethane
 Concen: 20.963 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW013270.D
 Acq: 24 Sep 2019 12:36

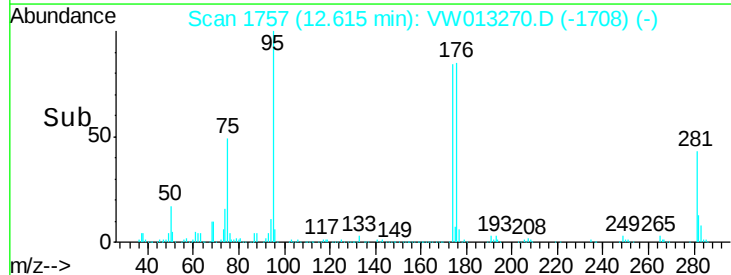
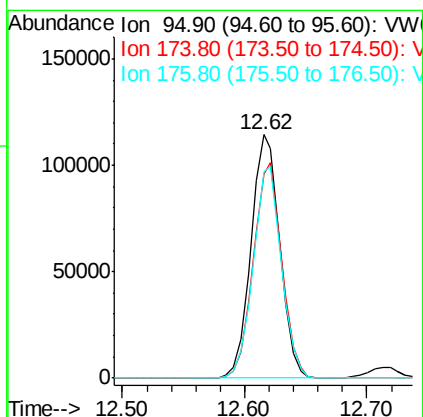
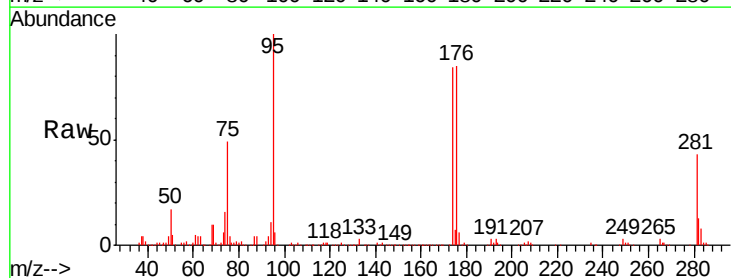
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBSD01

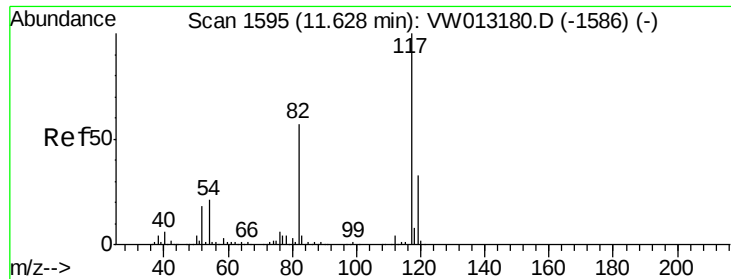
Tgt Ion: 107 Resp: 45606
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 49.844 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013270.D
 Acq: 24 Sep 2019 12:36

Tgt Ion: 95 Resp: 187353
 Ion Ratio Lower Upper
 95 100
 174 87.6 0.0 178.4
 176 85.5 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBSD01

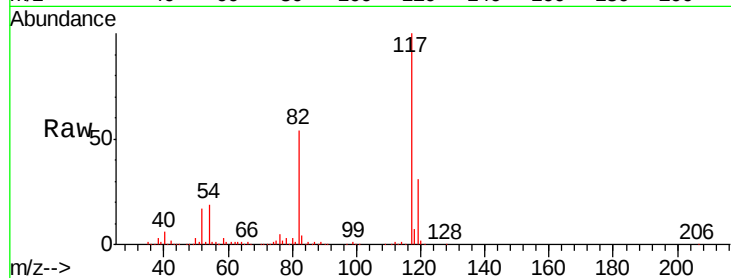
Tgt Ion:117 Resp: 413361

Ion Ratio Lower Upper

117 100

82 54.4 45.9 68.9

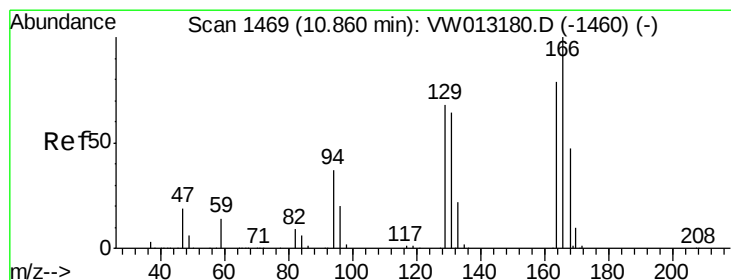
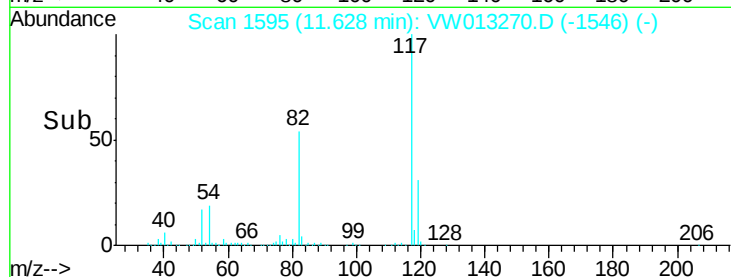
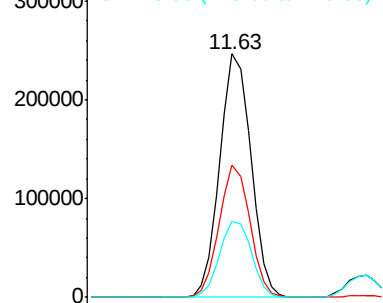
119 31.2 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.761 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Tgt Ion:164 Resp: 61976

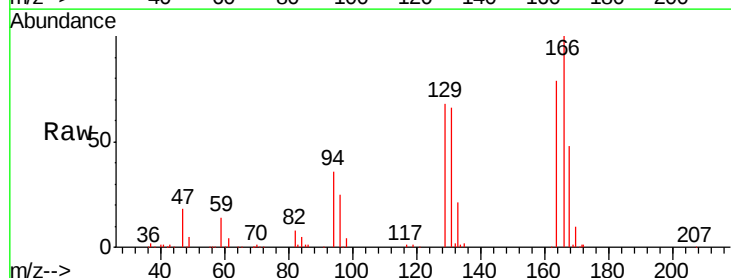
Ion Ratio Lower Upper

164 100

166 126.1 101.2 151.8

129 85.2 68.8 103.2

131 83.6 65.2 97.8

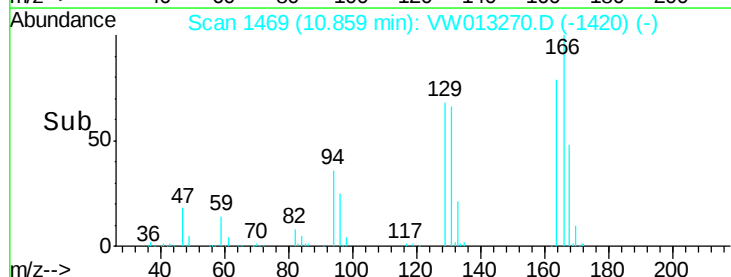
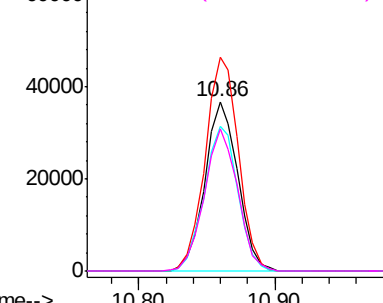


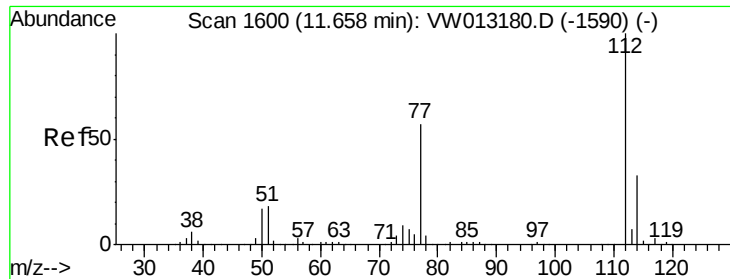
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

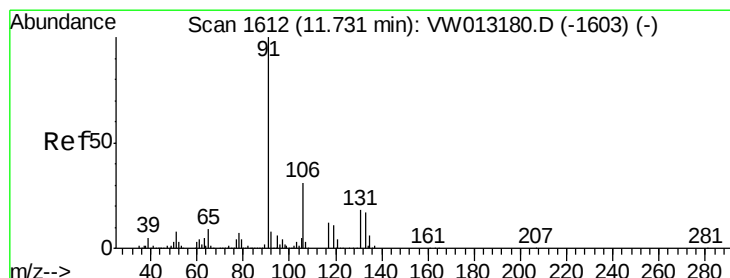
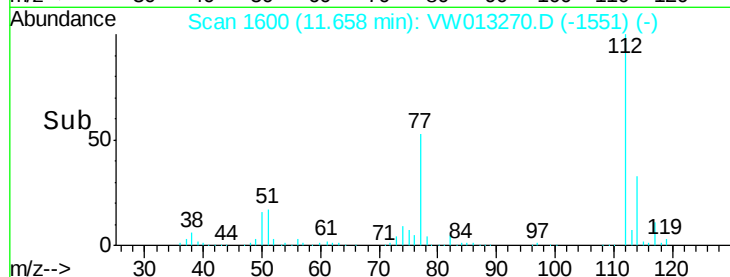
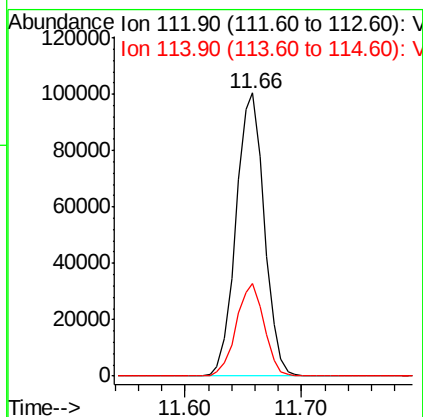
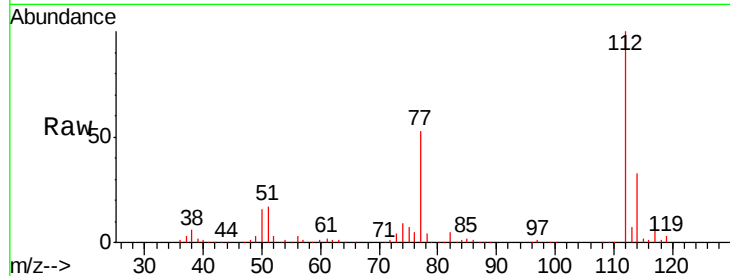




#65
Chlorobenzene
Concen: 19.683 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

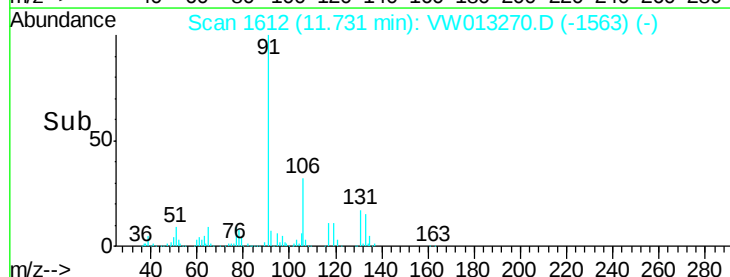
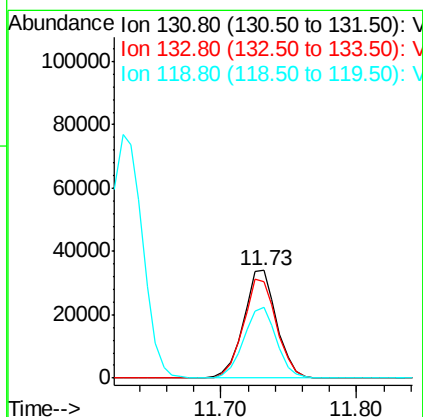
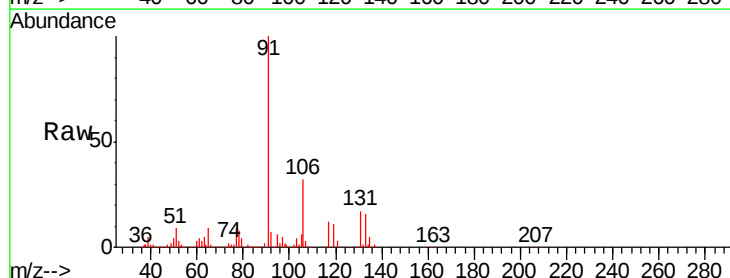
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBSD01

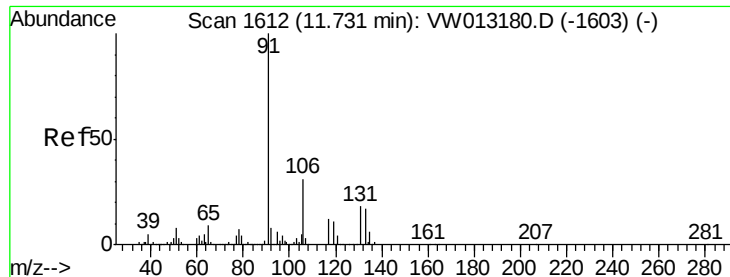
Tgt Ion:112 Resp: 169904
Ion Ratio Lower Upper
112 100
114 32.5 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.445 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

Tgt Ion:131 Resp: 57342
Ion Ratio Lower Upper
131 100
133 93.3 47.5 142.6
119 65.9 32.5 97.5

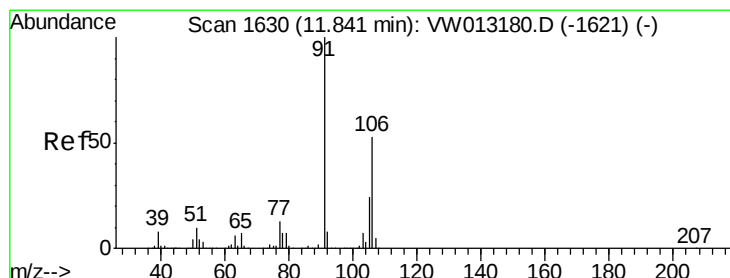
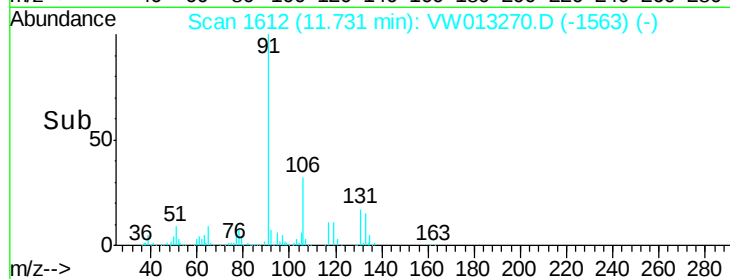
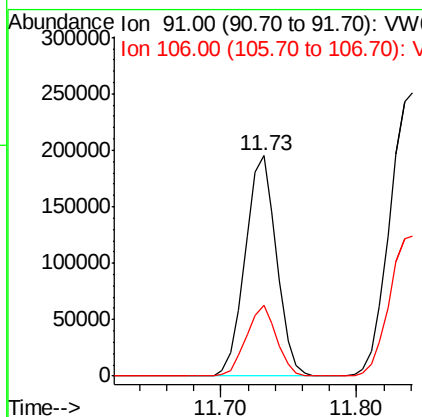
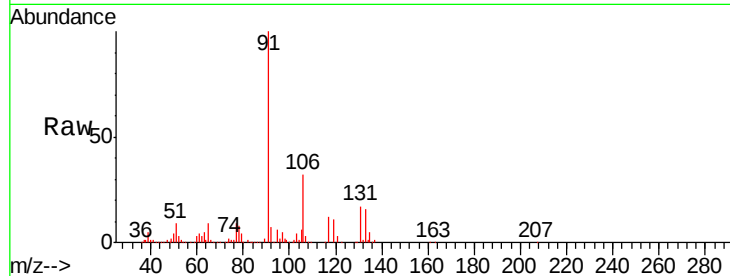




#67
Ethyl Benzene
Concen: 20.088 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

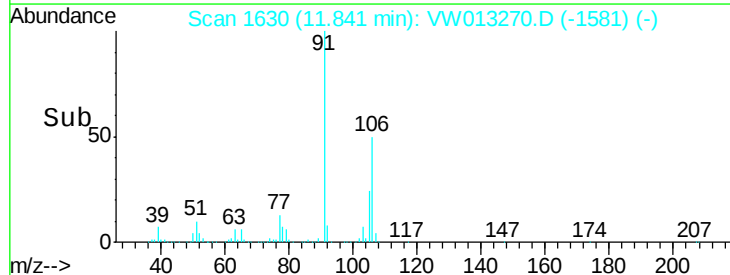
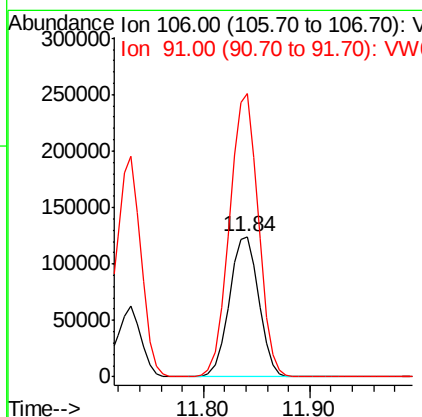
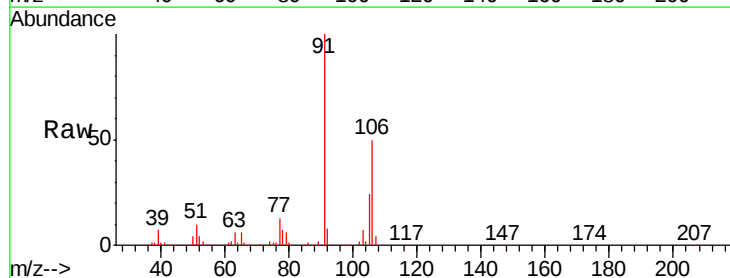
Instrument :
MSVOA_W
ClientSampleID :
VW0924SBSD01

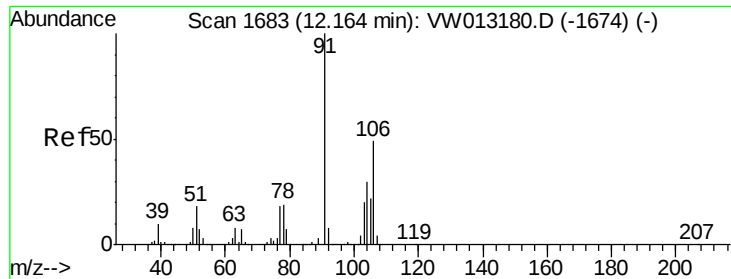
Tgt Ion: 91 Resp: 314174
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3



#68
m/p-Xylenes
Concen: 40.305 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

Tgt Ion: 106 Resp: 240207
Ion Ratio Lower Upper
106 100
91 198.6 157.9 236.9

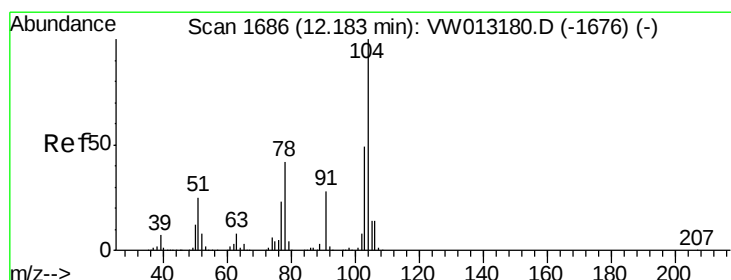
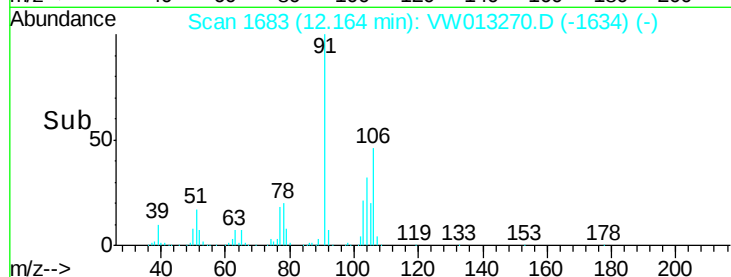
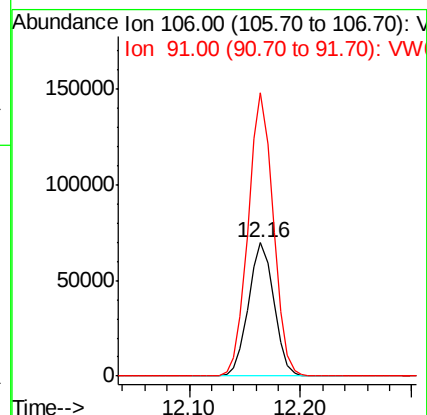
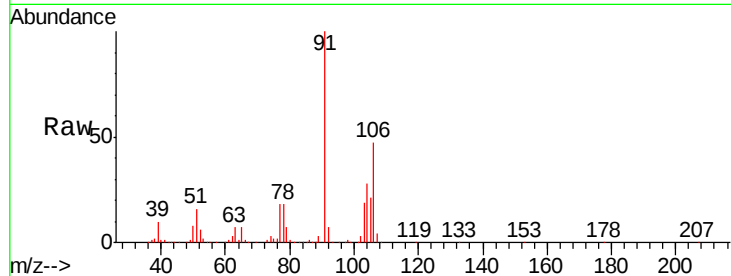




#69
o-Xylene
Concen: 20.032 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

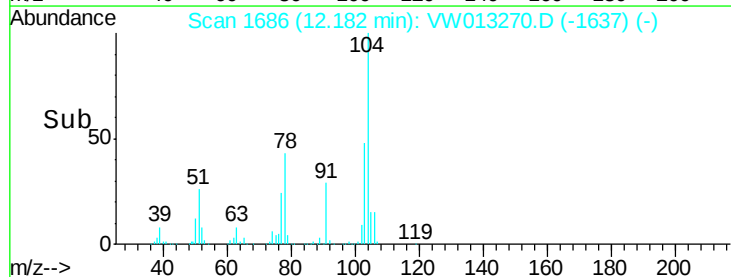
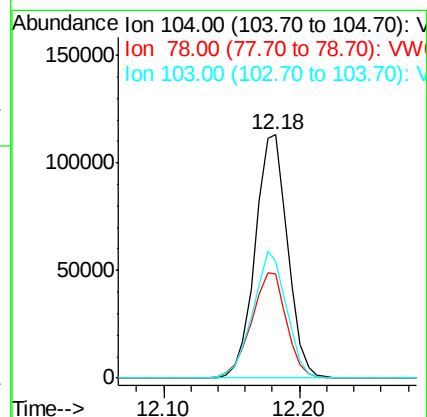
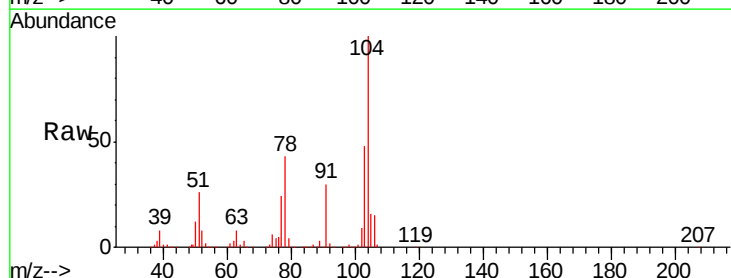
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBSD01

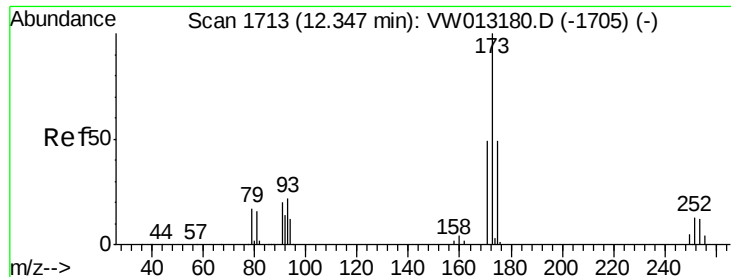
Tgt Ion:106 Resp: 110995
Ion Ratio Lower Upper
106 100
91 208.7 106.5 319.5



#70
Styrene
Concen: 19.946 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

Tgt Ion:104 Resp: 189735
Ion Ratio Lower Upper
104 100
78 46.8 38.4 57.6
103 54.0 43.3 64.9





#71

Bromoform

Concen: 19.752 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBSD01

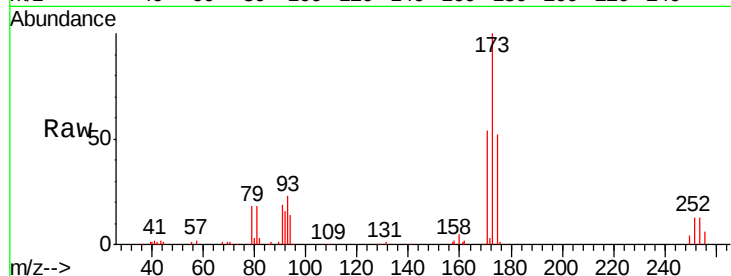
Tgt Ion:173 Resp: 30772

Ion Ratio Lower Upper

173 100

175 50.1 24.3 73.0

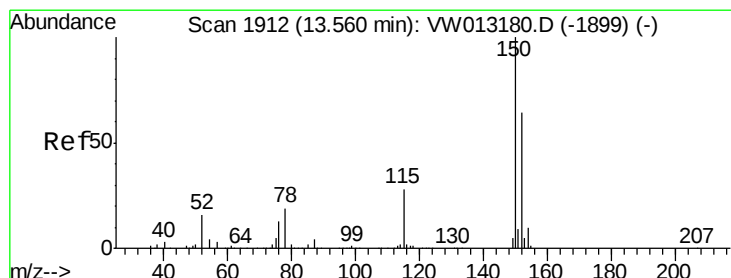
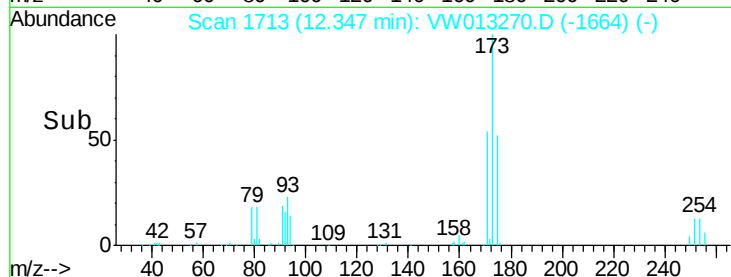
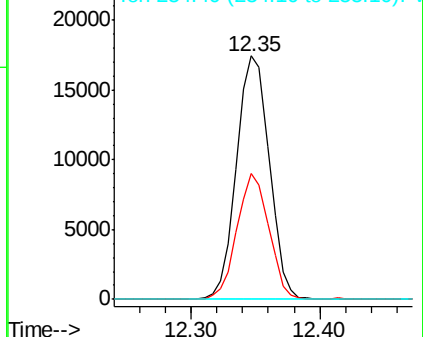
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

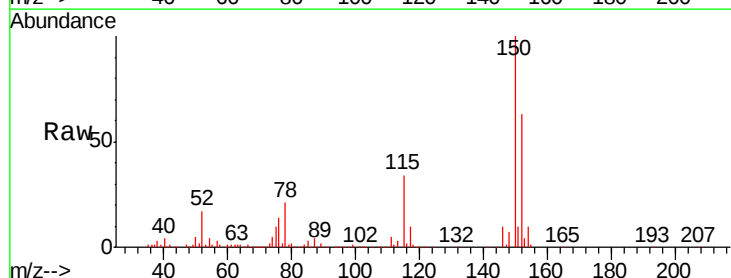
Tgt Ion:152 Resp: 208592

Ion Ratio Lower Upper

152 100

115 55.6 27.3 81.9

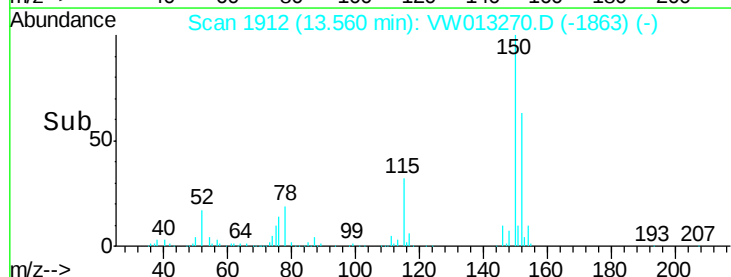
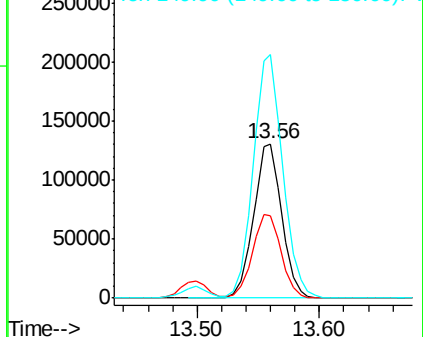
150 165.8 0.0 349.0

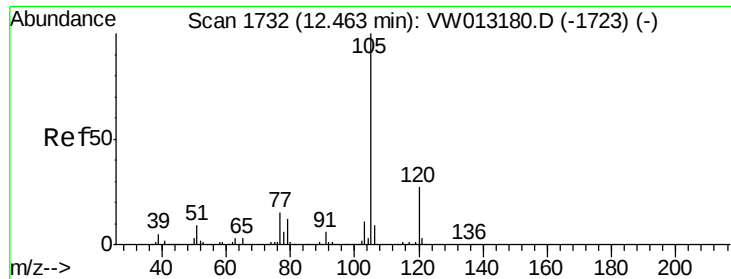


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

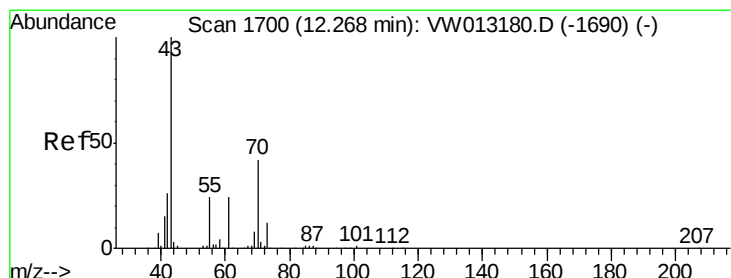
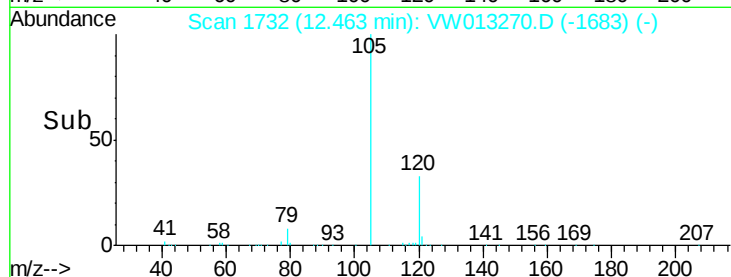
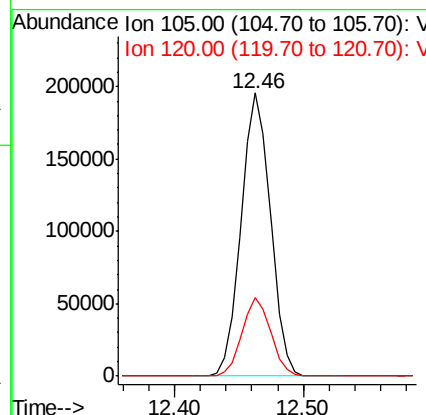
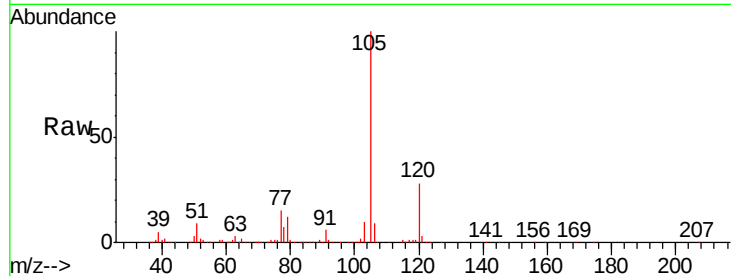




#73
Isopropylbenzene
Concen: 19.981 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

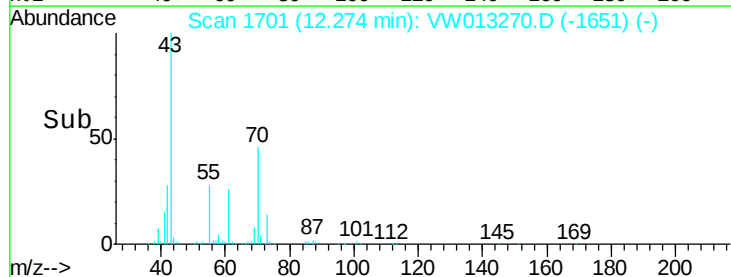
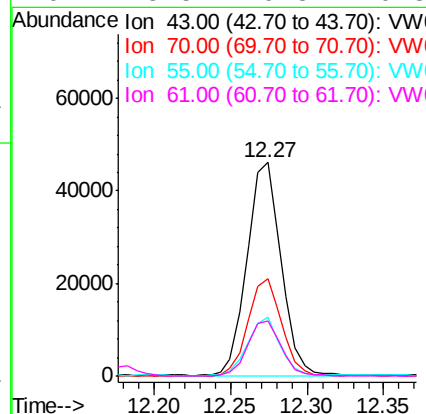
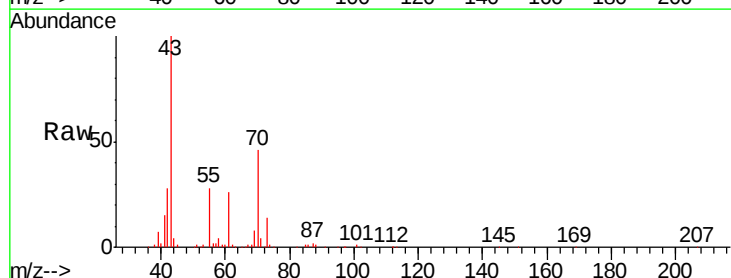
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBSD01

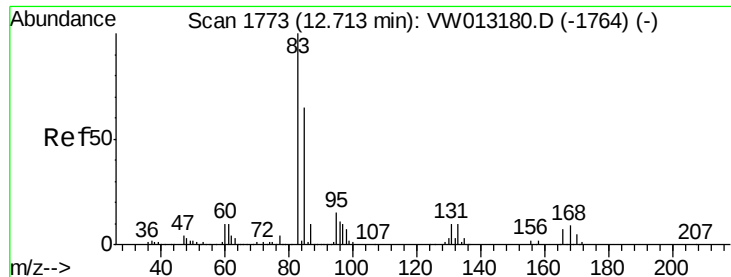
Tgt Ion: 105 Resp: 307885
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1



#74
N-ethyl acetate
Concen: 20.914 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.01 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

Tgt Ion: 43 Resp: 71510
Ion Ratio Lower Upper
43 100
70 45.1 35.1 52.7
55 26.5 19.9 29.9
61 25.5 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.271 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBSD01

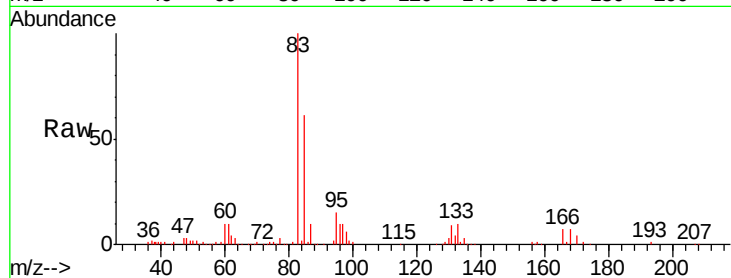
Tgt Ion: 83 Resp: 54815

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

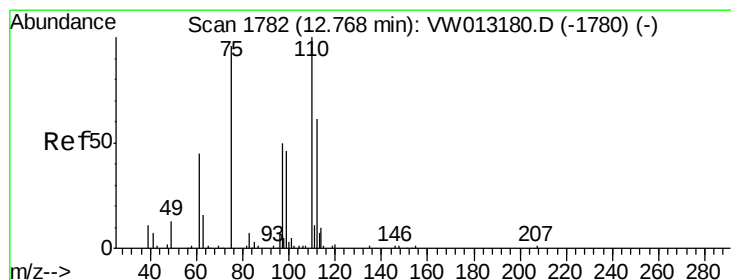
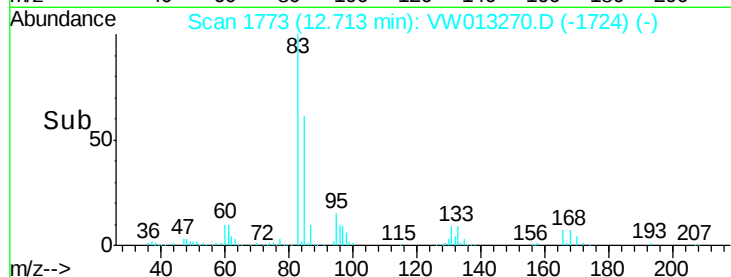
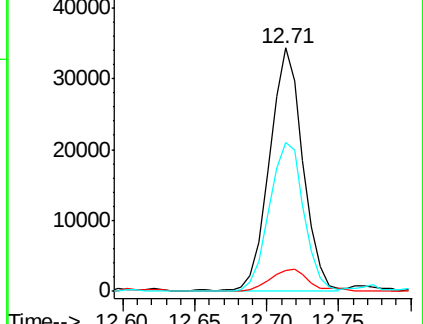
85 63.8 31.9 95.9



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: 37.276 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW013270.D

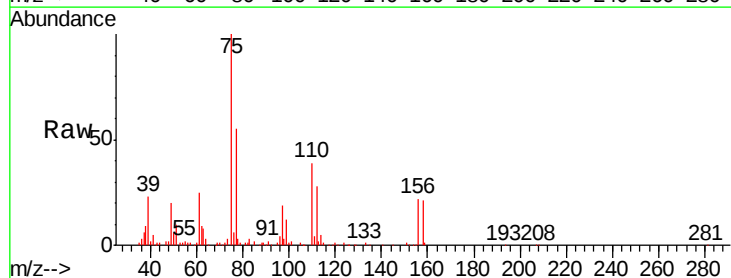
Acq: 24 Sep 2019 12:36

Tgt Ion: 75 Resp: 68667

Ion Ratio Lower Upper

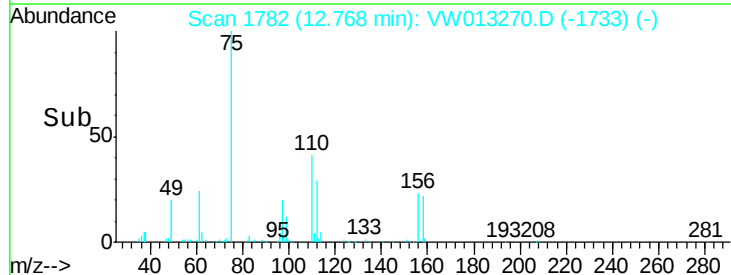
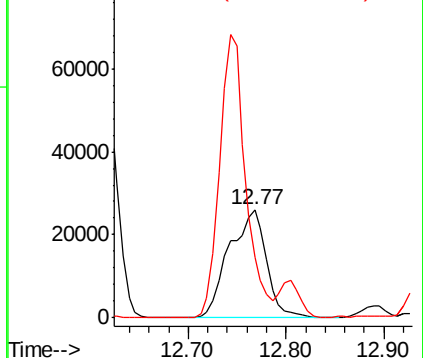
75 100

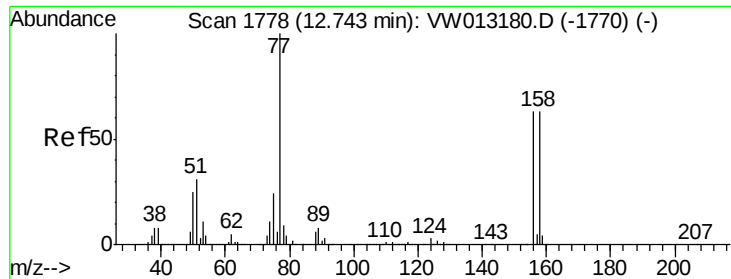
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.487 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBSD01

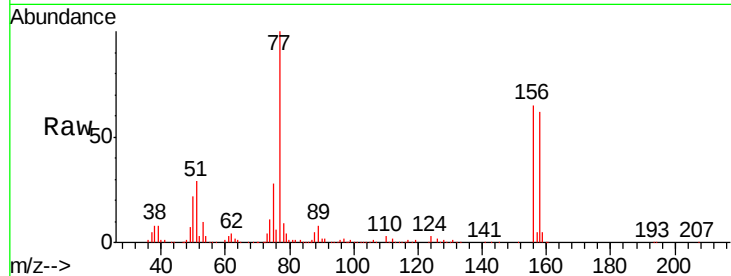
Tgt Ion:156 Resp: 71157

Ion Ratio Lower Upper

156 100

77 177.5 85.7 257.1

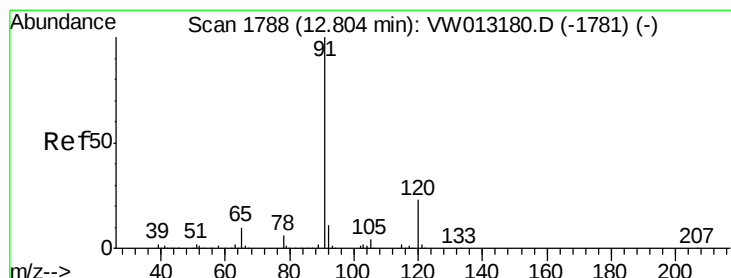
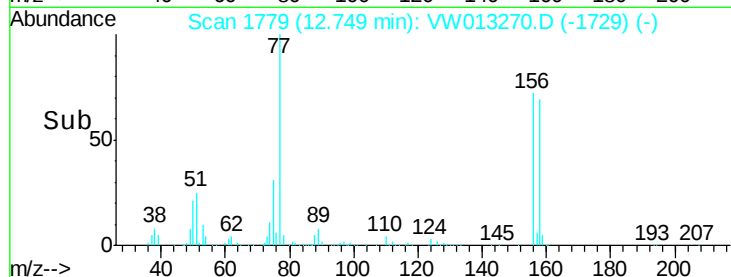
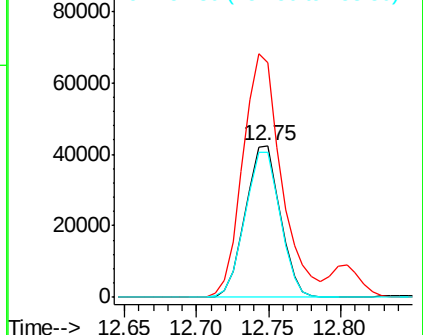
158 96.6 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.218 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013270.D

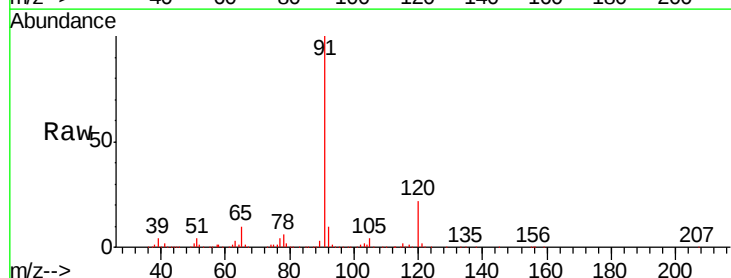
Acq: 24 Sep 2019 12:36

Tgt Ion: 91 Resp: 364662

Ion Ratio Lower Upper

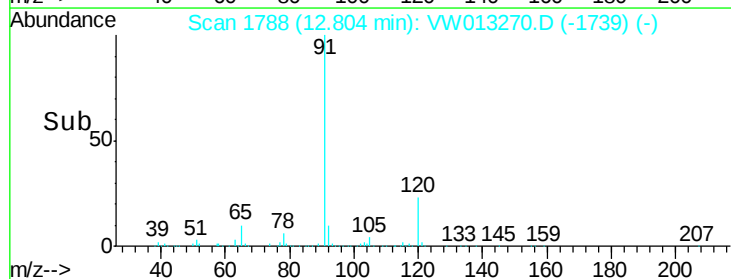
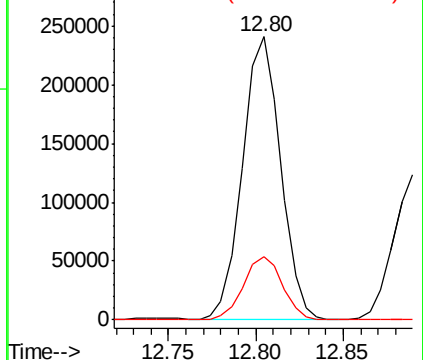
91 100

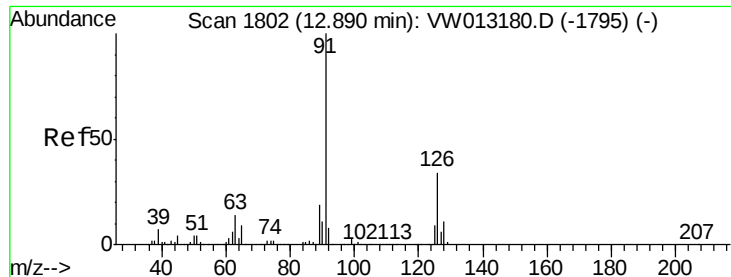
120 22.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.173 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

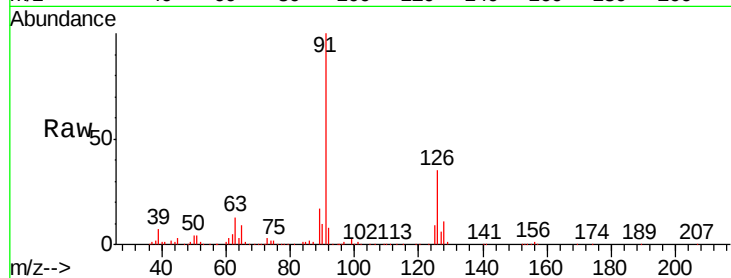
VW0924SBSD01

Tgt Ion: 91 Resp: 203846

Ion Ratio Lower Upper

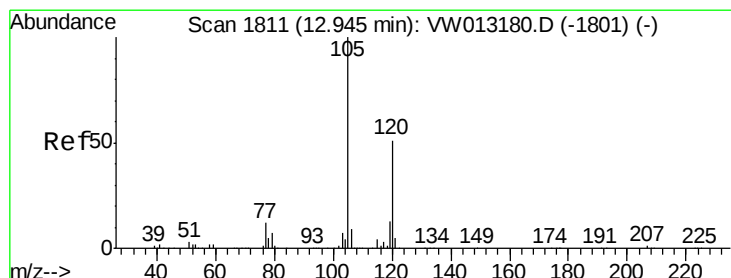
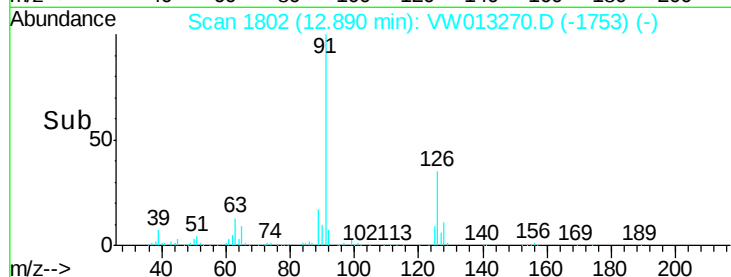
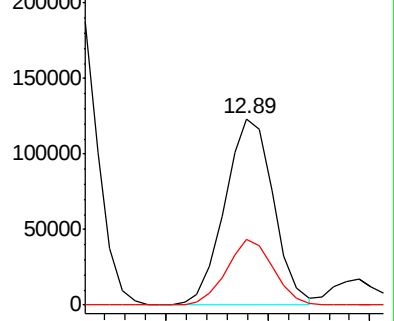
91 100

126 34.1 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.281 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013270.D

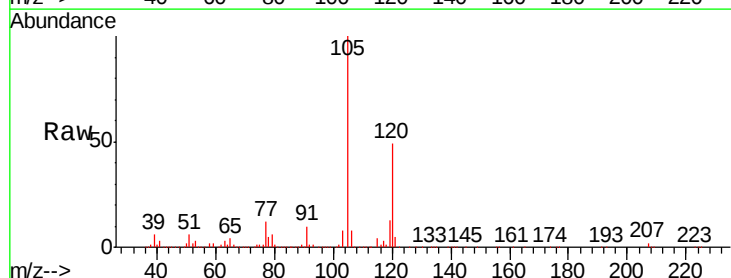
Acq: 24 Sep 2019 12:36

Tgt Ion: 105 Resp: 262696

Ion Ratio Lower Upper

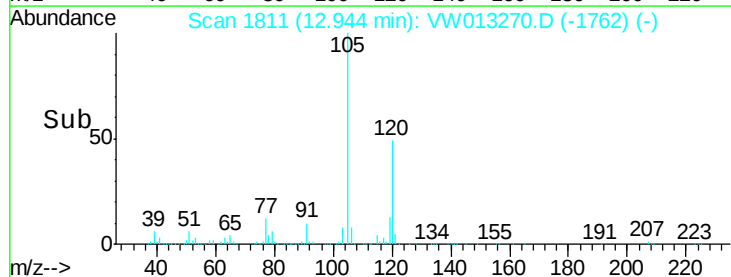
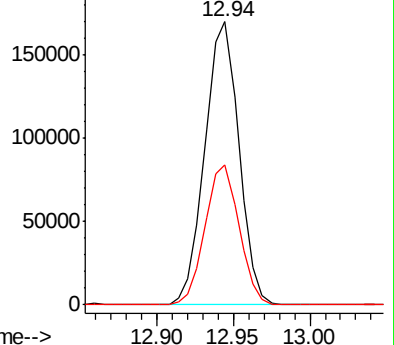
105 100

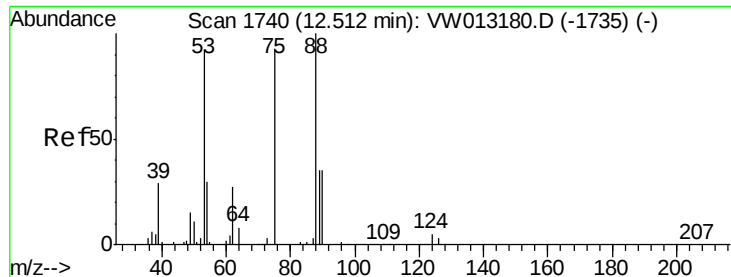
120 49.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.591 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBSD01

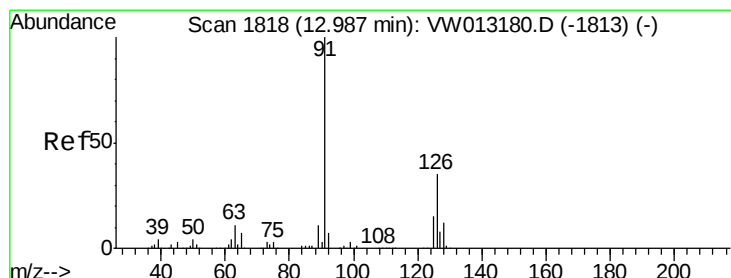
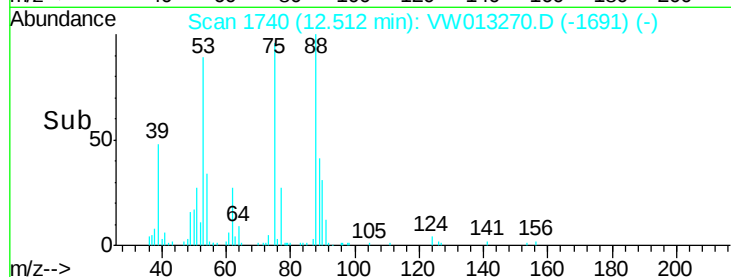
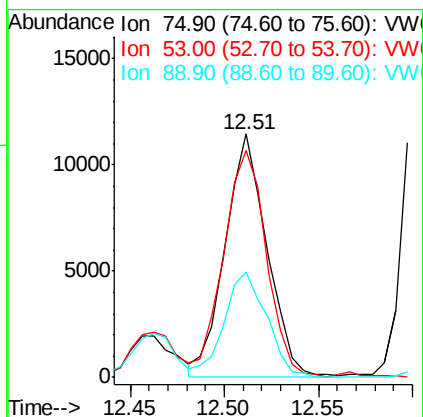
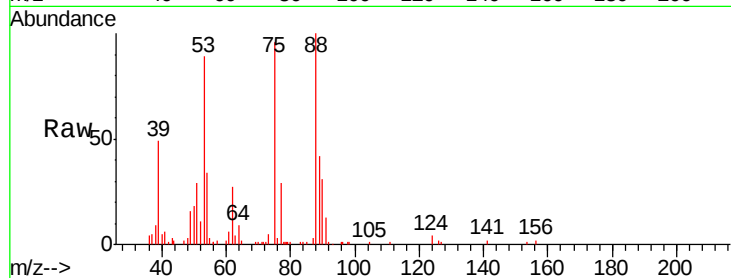
Tgt Ion: 75 Resp: 17725

Ion Ratio Lower Upper

75 100

53 95.1 76.6 114.8

89 43.9 33.5 50.3



#82

4-Chlorotoluene

Concen: 19.929 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW013270.D

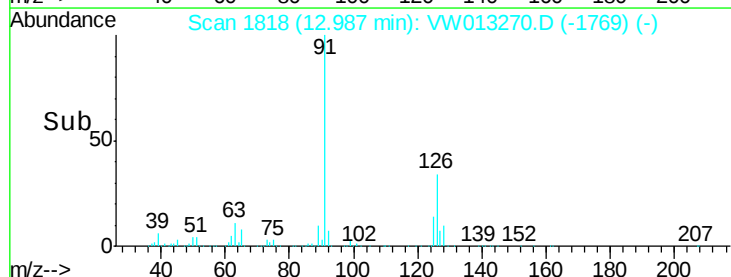
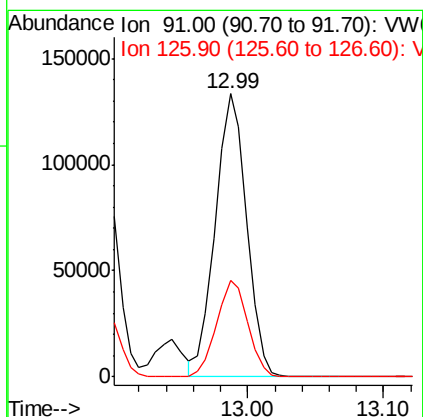
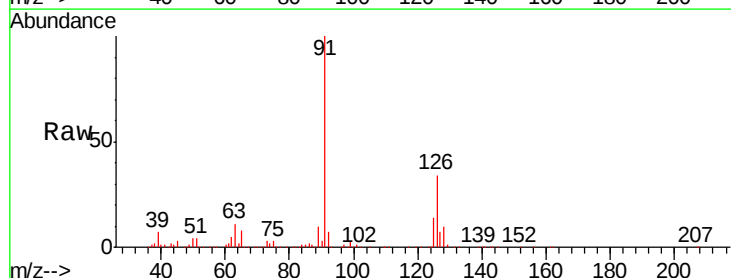
Acq: 24 Sep 2019 12:36

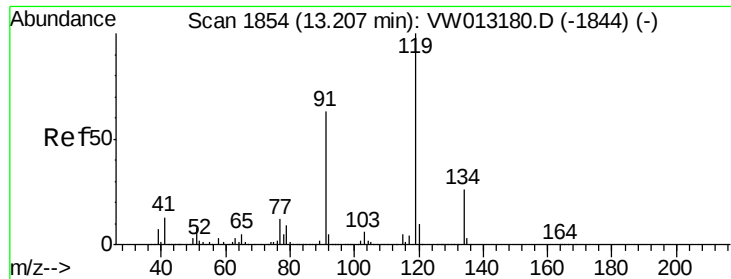
Tgt Ion: 91 Resp: 212360

Ion Ratio Lower Upper

91 100

126 34.3 17.3 51.7

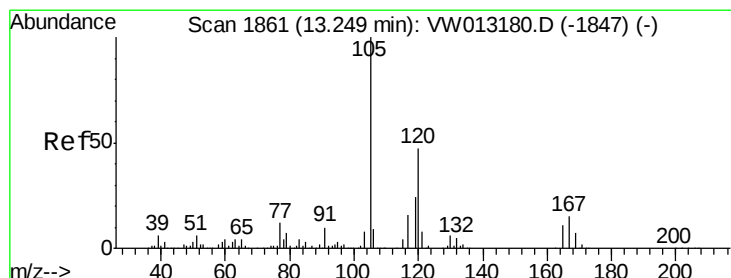
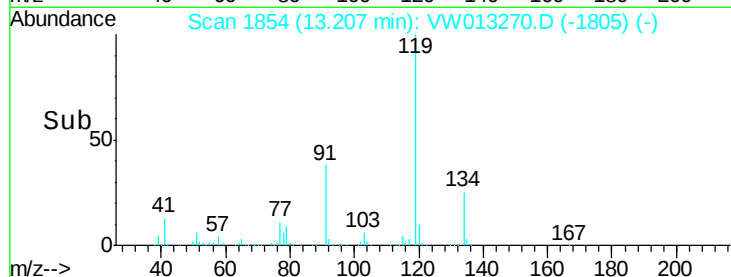
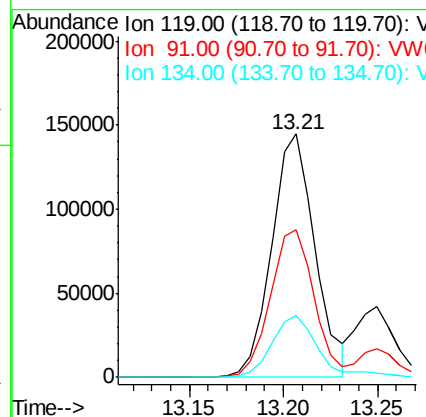
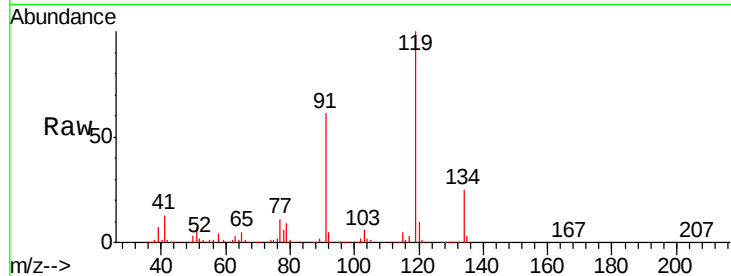




#83
tert-Butylbenzene
Concen: 20.291 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

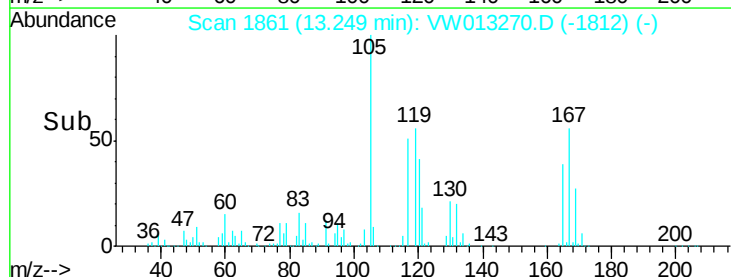
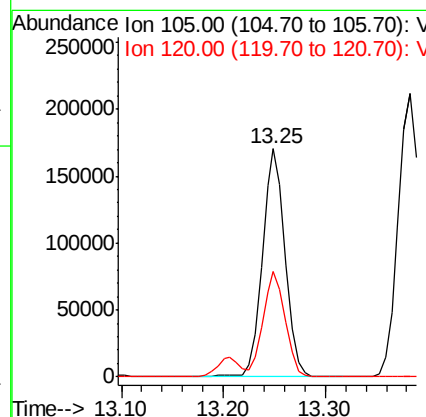
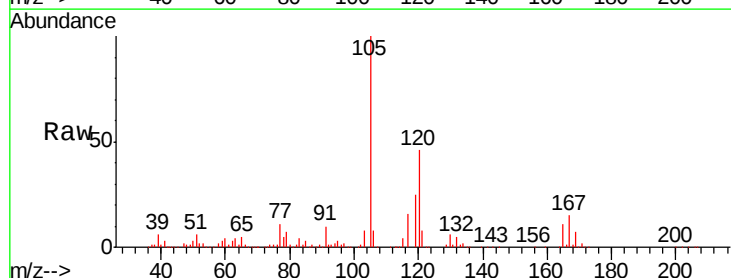
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBSD01

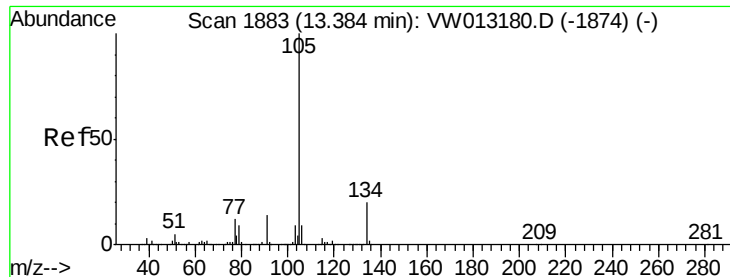
Tgt Ion:119 Resp: 230687
Ion Ratio Lower Upper
119 100
91 61.0 30.7 92.1
134 27.4 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 20.361 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

Tgt Ion:105 Resp: 262436
Ion Ratio Lower Upper
105 100
120 45.2 23.4 70.3

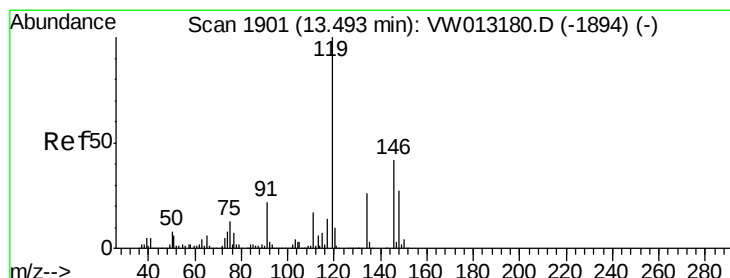
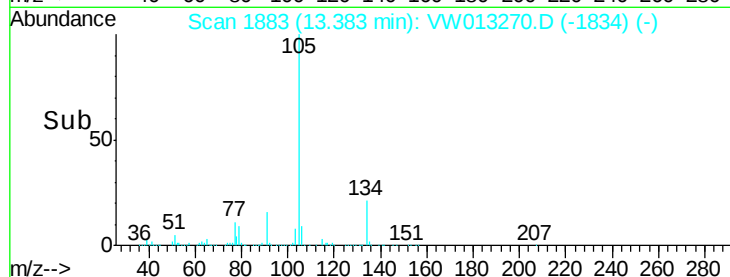
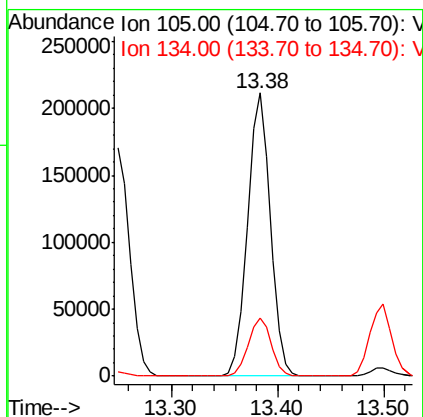
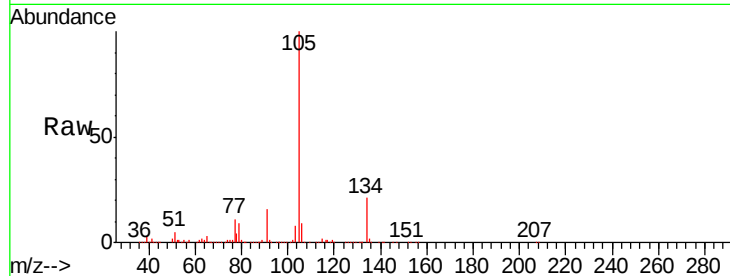




#85
 sec-Butylbenzene
 Concen: 20.313 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013270.D
 Acq: 24 Sep 2019 12:36

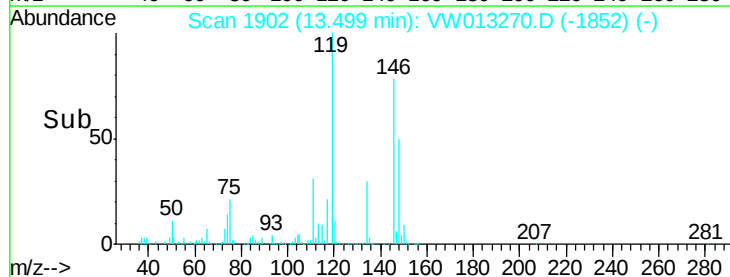
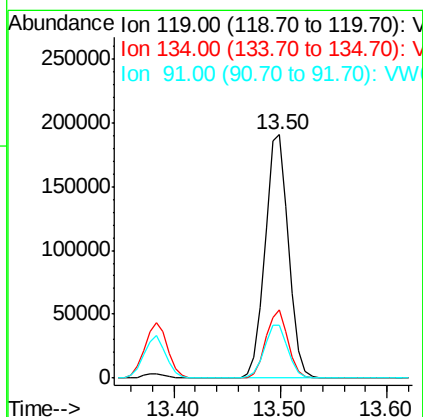
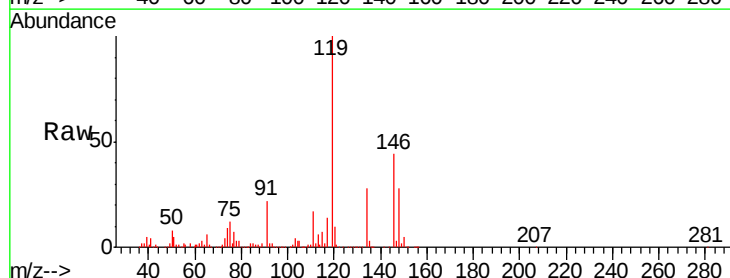
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBSD01

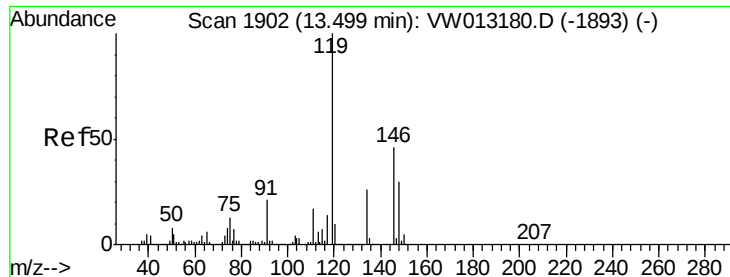
Tgt Ion:105 Resp: 318393
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.153 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: VW013270.D
 Acq: 24 Sep 2019 12:36

Tgt Ion:119 Resp: 292982
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 21.8 10.8 32.4

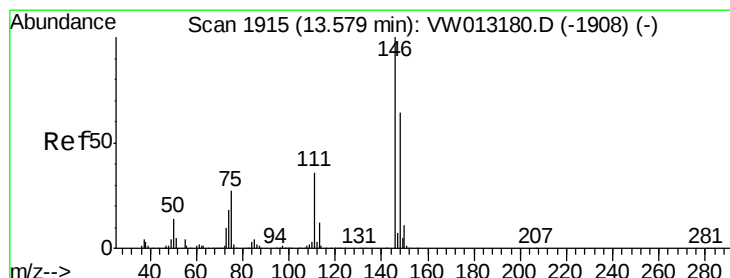
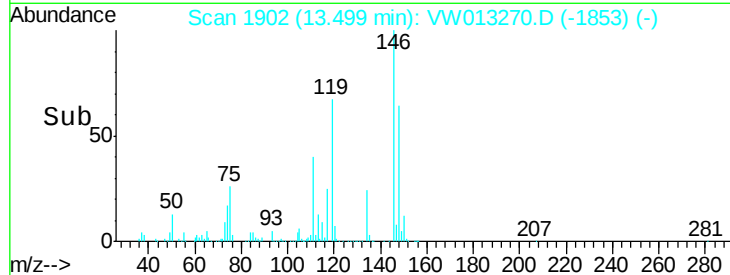
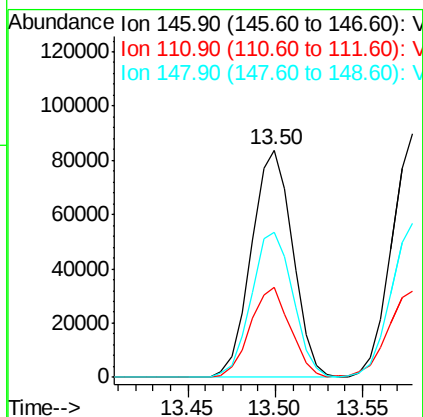
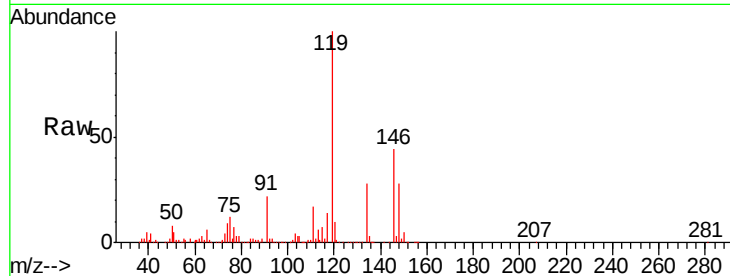




#87
 1,3-Dichlorobenzene
 Concen: 19.540 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013270.D
 Acq: 24 Sep 2019 12:36

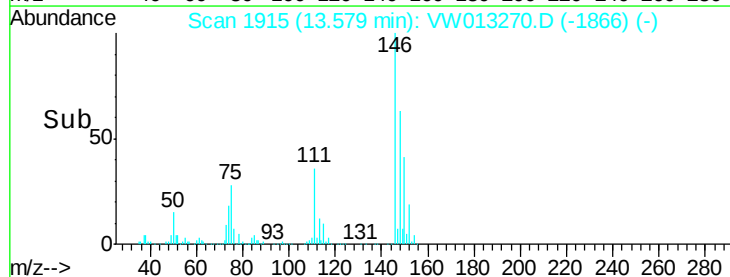
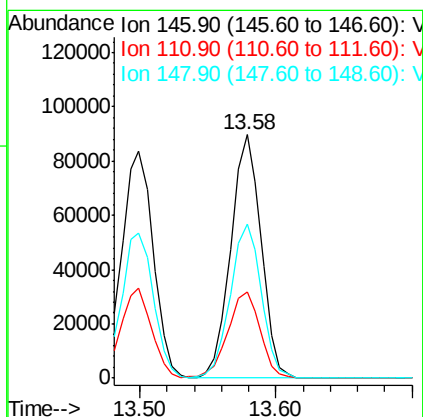
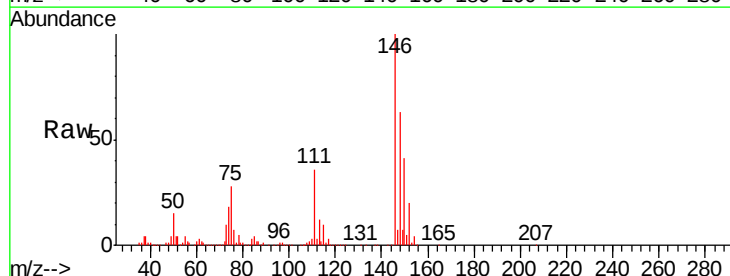
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBSD01

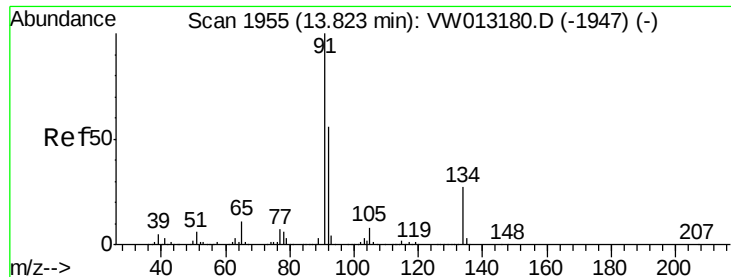
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.9
148	64.7	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.211 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013270.D
 Acq: 24 Sep 2019 12:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.4	55.0
148	64.9	32.1	96.3





#89

n-Butylbenzene

Concen: 20.429 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBSD01

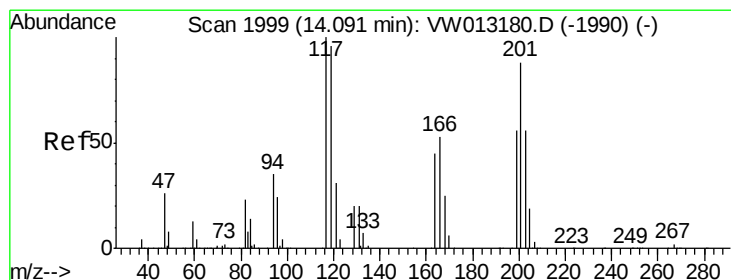
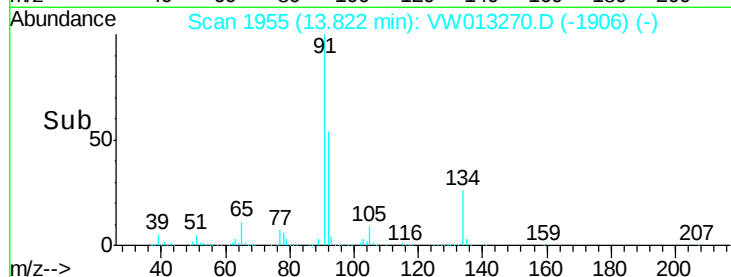
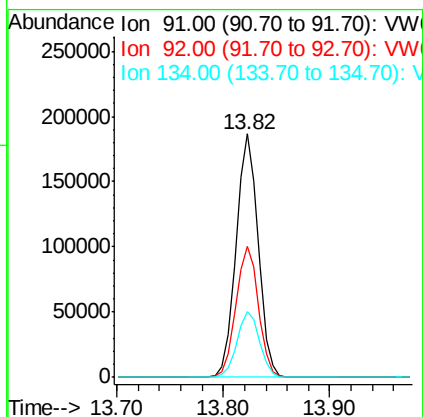
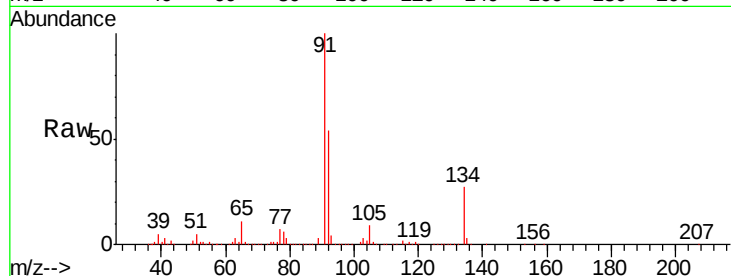
Tgt Ion: 91 Resp: 271177

Ion Ratio Lower Upper

91 100

92 54.8 27.6 82.8

134 27.7 13.7 41.1



#90

Hexachloroethane

Concen: 19.557 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW013270.D

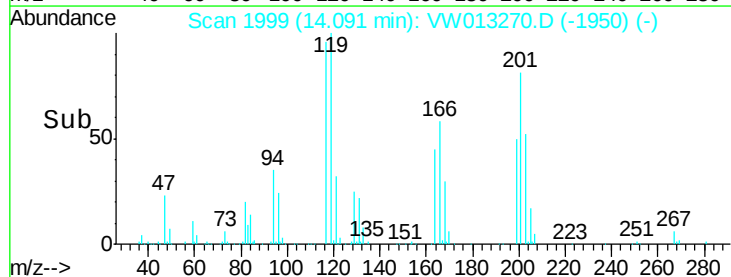
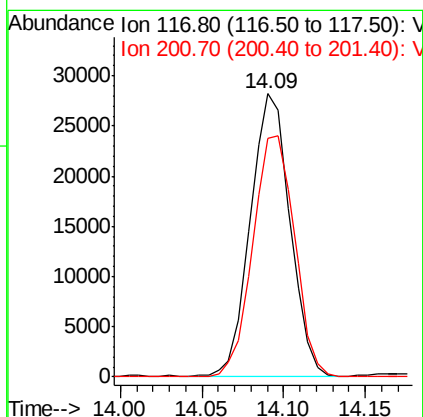
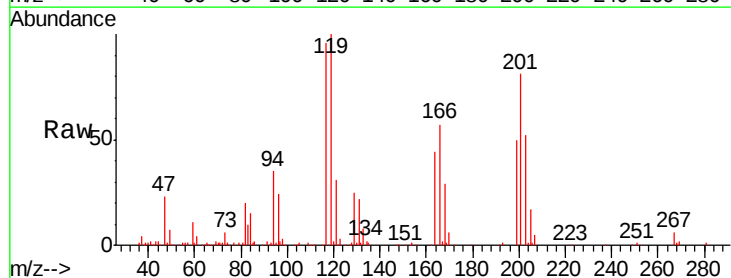
Acq: 24 Sep 2019 12:36

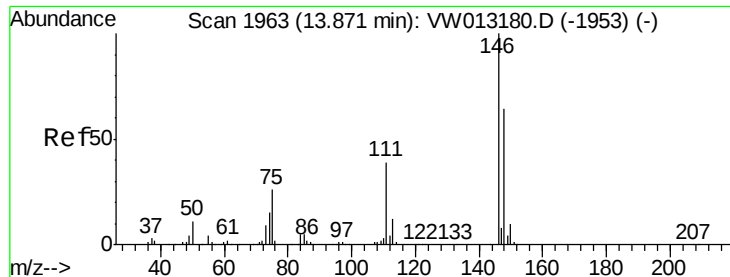
Tgt Ion: 117 Resp: 47762

Ion Ratio Lower Upper

117 100

201 89.5 44.5 133.5





#91

1,2-Dichlorobenzene

Concen: 20.093 ug/l

RT: 13.87 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBS01

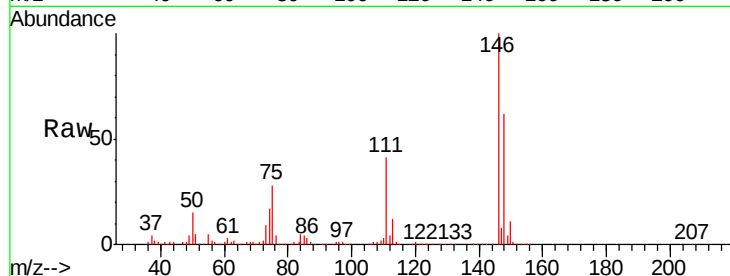
Tgt Ion:146 Resp: 122159

Ion Ratio Lower Upper

146 100

111 39.6 20.1 60.3

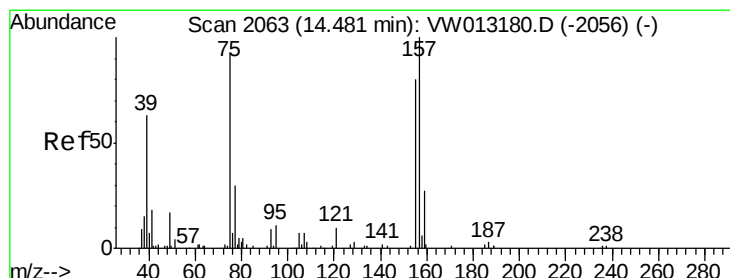
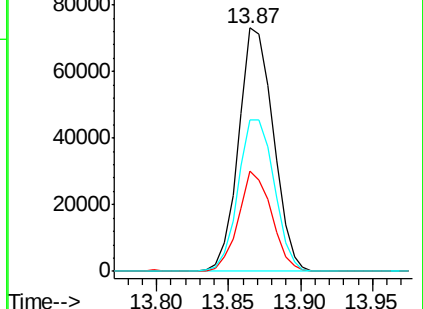
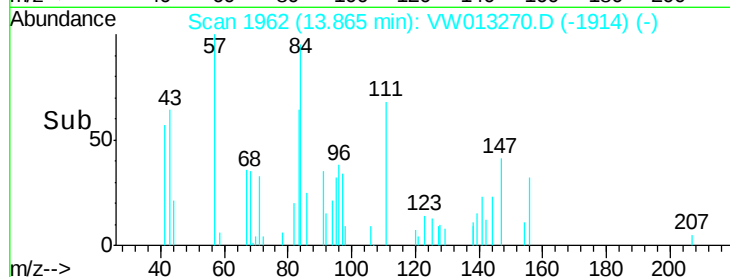
148 64.9 32.0 96.0



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: 22.351 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW013270.D

Acq: 24 Sep 2019 12:36

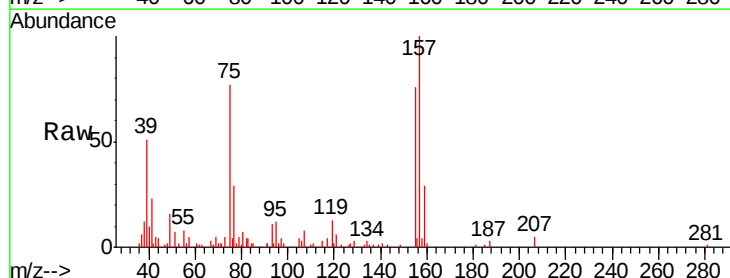
Tgt Ion: 75 Resp: 8810

Ion Ratio Lower Upper

75 100

155 100.3 46.1 138.3

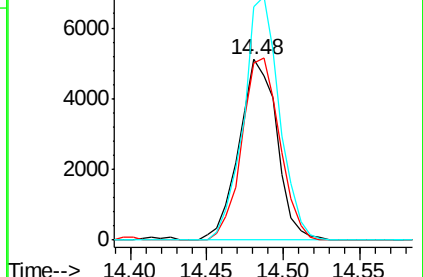
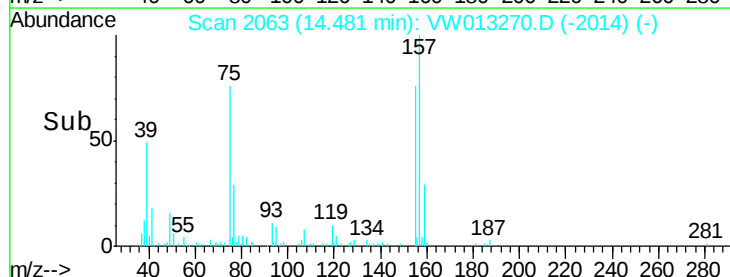
157 127.4 60.4 181.2

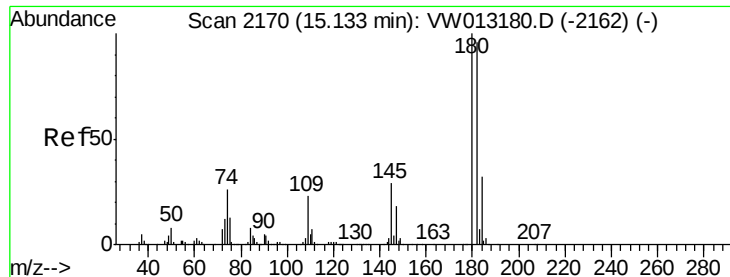


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

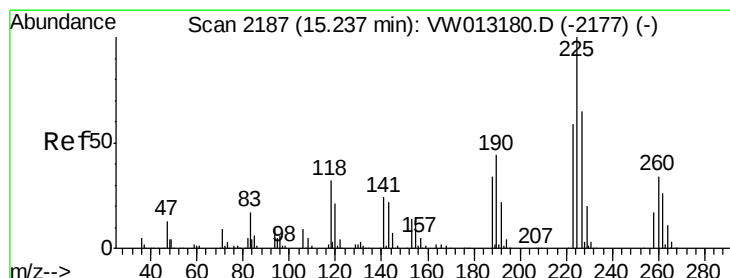
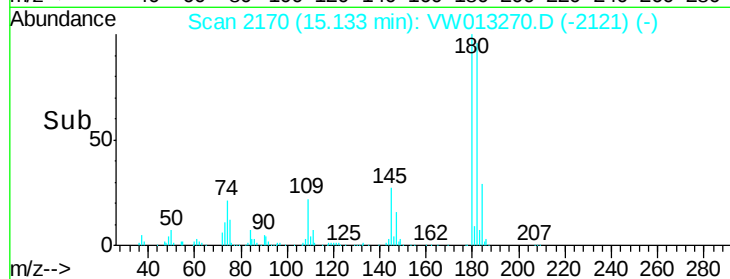
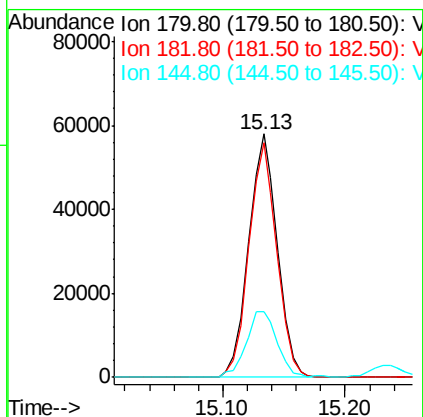
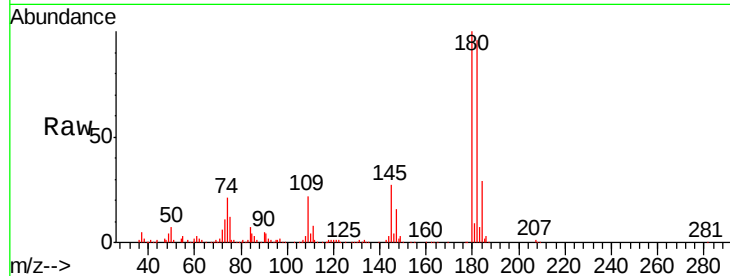




#93
 1,2,4-Trichlorobenzene
 Concen: 21.637 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013270.D
 Acq: 24 Sep 2019 12:36

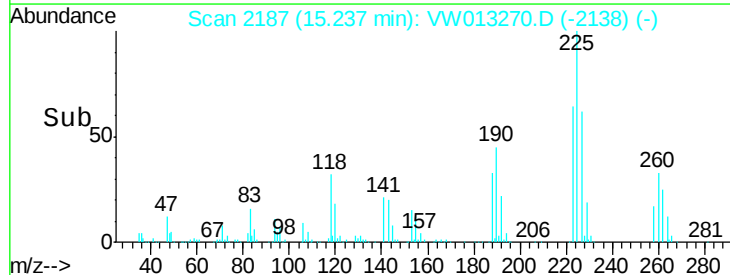
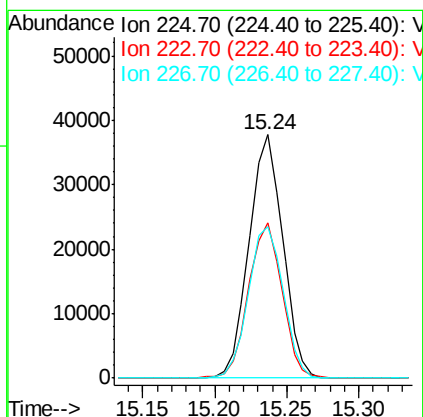
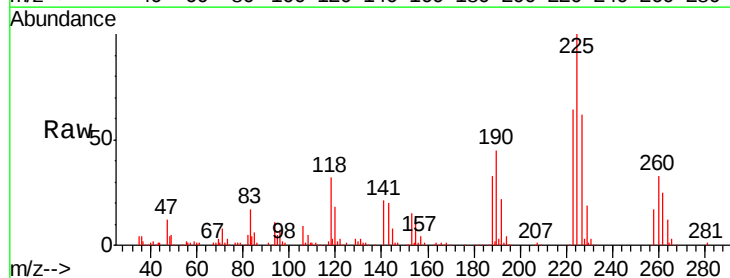
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBSD01

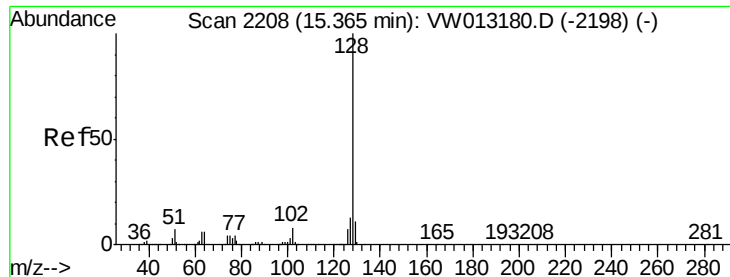
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.3	142.0
145	29.9	14.2	42.8



#94
 Hexachlorobutadiene
 Concen: 20.553 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW013270.D
 Acq: 24 Sep 2019 12:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.6	91.8
227	64.2	31.9	95.9

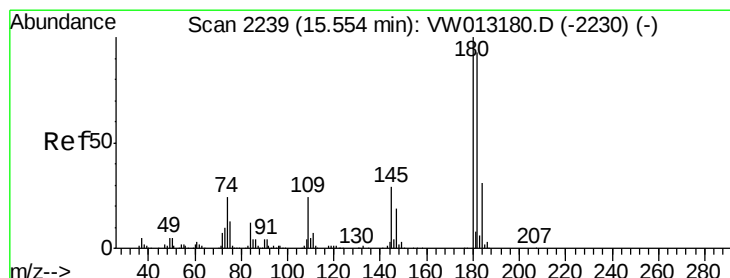
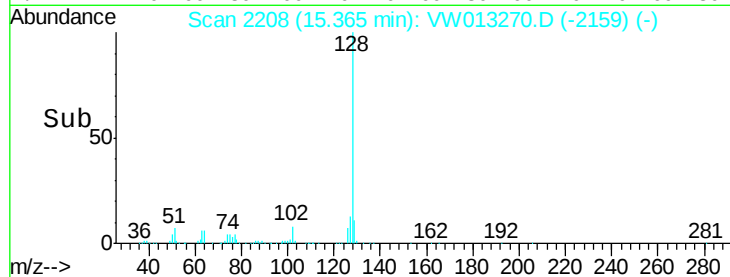
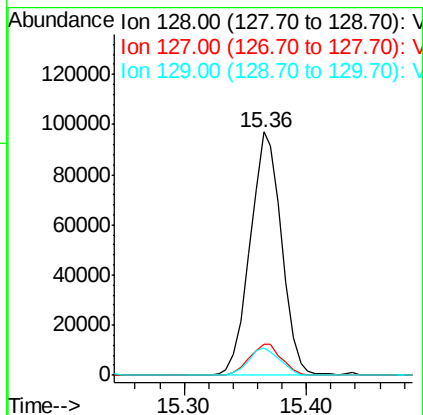
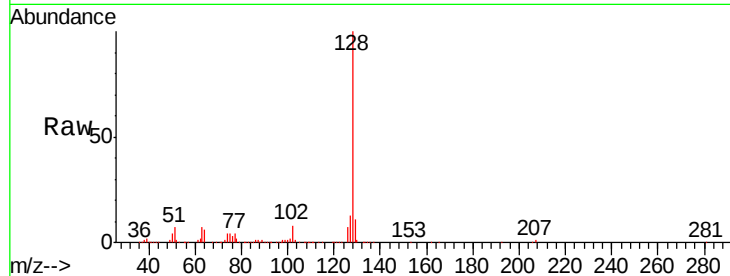




#95
Naphthalene
Concen: 24.335 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBSD01

Tgt Ion:128 Resp: 173393
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.843 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013270.D
Acq: 24 Sep 2019 12:36

Tgt Ion:180 Resp: 82227
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.7
145 31.7 15.0 45.0

