

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
 Data File : VW016279.D
 Acq On : 20 Aug 2020 23:29
 Operator : SY/VA
 Sample : VW0820SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Quant Time: Aug 21 03:50:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159483	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	115752	54.88	ug/l	0.00
Spiked Amount			Recovery	=	109.76%	
35) Dibromofluoromethane	7.88	113	113849	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
50) Toluene-d8	10.32	98	448660	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.62	95	166160	54.32	ug/l	0.00
Spiked Amount			Recovery	=	108.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	25660	17.446	ug/l	94
3) Chloromethane	2.21	50	28797	18.389	ug/l	100
4) Vinyl Chloride	2.36	62	38952	17.771	ug/l	100
5) Bromomethane	2.77	94	27308	20.038	ug/l	97
6) Chloroethane	2.92	64	23652	19.108	ug/l	99
7) Trichlorofluoromethane	3.26	101	36682	20.672	ug/l	95
8) Diethyl Ether	3.68	74	22704	20.389	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43629	18.750	ug/l	100
10) Methyl Iodide	4.27	142	67068	19.948	ug/l	100
11) Tert butyl alcohol	5.17	59	18617	165.846	ug/l #	92
12) 1,1-Dichloroethene	4.04	96	43545	18.390	ug/l	92
13) Acrolein	3.90	56	15144	93.393	ug/l	97
14) Allyl chloride	4.67	41	58150	18.329	ug/l	97
15) Acrylonitrile	5.37	53	46164	110.024	ug/l	99
16) Acetone	4.12	43	38636	95.620	ug/l	92
17) Carbon Disulfide	4.38	76	127037	18.271	ug/l	100
18) Methyl Acetate	4.67	43	24014	25.522	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	66234	22.716	ug/l	99
20) Methylene Chloride	4.92	84	82998	31.211	ug/l	90
21) trans-1,2-Dichloroethene	5.43	96	49859	19.336	ug/l	94
22) Diisopropyl ether	6.31	45	120544	20.154	ug/l	98
23) Vinyl Acetate	6.26	43	339835	99.228	ug/l	98
24) 1,1-Dichloroethane	6.21	63	80628	19.314	ug/l	99
25) 2-Butanone	7.17	43	58632	108.275	ug/l	99
26) 2,2-Dichloropropane	7.16	77	53785	19.946	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	53532	20.113	ug/l	98
28) Bromochloromethane	7.51	49	30232	19.089	ug/l	96
29) Tetrahydrofuran	7.53	42	35644	110.116	ug/l	96
30) Chloroform	7.68	83	86355	19.910	ug/l	98
31) Cyclohexane	7.96	56	70693	18.366	ug/l #	91
32) 1,1,1-Trichloroethane	7.87	97	72997	20.032	ug/l	98
36) 1,1-Dichloropropene	8.09	75	67231	19.046	ug/l	99
37) Ethyl Acetate	7.25	43	25107	20.745	ug/l	96
38) Carbon Tetrachloride	8.07	117	69710	19.789	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80114	18.841	ug/l	97
40) Benzene	8.33	78	191359	19.270	ug/l	98
41) Methacrylonitrile	7.48	41	15492	22.428	ug/l	98
42) 1,2-Dichloroethane	8.40	62	54740	20.871	ug/l	99
43) Isopropyl Acetate	8.43	43	46891	20.594	ug/l	97
44) Trichloroethene	9.10	130	52758	18.758	ug/l	96
45) 1,2-Dichloropropane	9.37	63	45128	19.278	ug/l	97
46) Dibromomethane	9.46	93	25878	21.057	ug/l	99
47) Bromodichloromethane	9.65	83	64004	20.157	ug/l	96
48) Methyl methacrylate	9.44	41	23016	21.744	ug/l	96
49) 1,4-Dioxane	9.44	88	8190	529.229	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	127159	110.417	ug/l	100
52) Toluene	10.39	92	127617	20.069	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	61213	20.821	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	72229	19.767	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37319	21.163	ug/l	97
56) Ethyl methacrylate	10.65	69	43928	21.844	ug/l	99
57) 1,3-Dichloropropane	10.93	76	62331	20.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	96688	105.455	ug/l	96
59) 2-Hexanone	10.97	43	85929	109.070	ug/l	97
60) Dibromochloromethane	11.13	129	44712	21.314	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35780	21.078	ug/l	97
64) Tetrachloroethene	10.87	164	44898	20.892	ug/l	94
65) Chlorobenzene	11.66	112	136696	20.363	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	48980	20.874	ug/l	99
67) Ethyl Benzene	11.73	91	239616	19.861	ug/l	99
68) m/p-Xylenes	11.84	106	186734	40.267	ug/l	100
69) o-Xylene	12.17	106	85775	20.762	ug/l	99
70) Styrene	12.18	104	149486	20.910	ug/l	100
71) Bromoform	12.35	173	24011	22.864	ug/l #	99
73) Isopropylbenzene	12.47	105	236235	19.438	ug/l	99
74) N-amyl acetate	12.27	43	43697	20.077	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	42745	21.020	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	52834	36.022	ug/l #	1
77) Bromobenzene	12.75	156	54514	20.280	ug/l	96
78) n-propylbenzene	12.80	91	278170	19.176	ug/l	99
79) 2-Chlorotoluene	12.90	91	164175	19.592	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	204707	19.622	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	12113	19.809	ug/l	98
82) 4-Chlorotoluene	12.99	91	170556	19.551	ug/l	100
83) tert-Butylbenzene	13.21	119	172619	20.189	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	206776	20.030	ug/l	99
85) sec-Butylbenzene	13.38	105	240605	19.362	ug/l	99
86) p-Isopropyltoluene	13.50	119	223846	19.916	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	108568	20.167	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	104947	19.798	ug/l	98
89) n-Butylbenzene	13.82	91	198652	19.105	ug/l	99
90) Hexachloroethane	14.10	117	40868	19.484	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	96292	20.517	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6872	21.983	ug/l	94

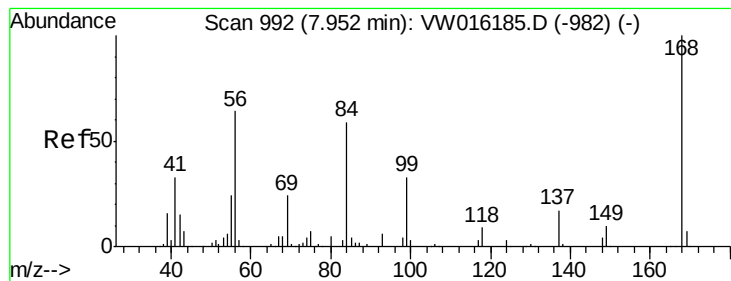
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	59078	21.108	ug/l	97
94) Hexachlorobutadiene	15.24	225	33023	19.846	ug/l	100
95) Naphthalene	15.37	128	112654	21.401	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	52394	21.798	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleID :

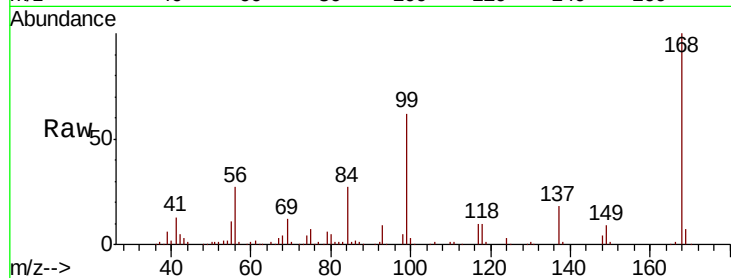
VW0821SBSD01

Tot Ion:168 Resp: 216285

Ion Ratio Lower Upper

168 100

99 61.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

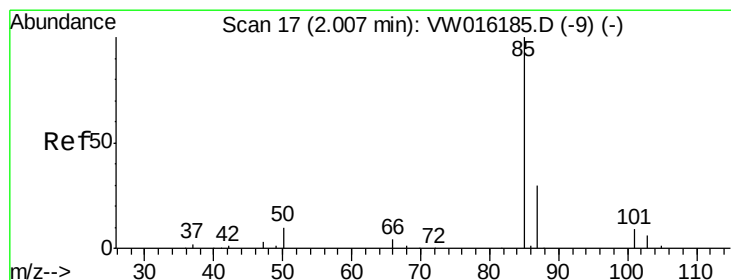
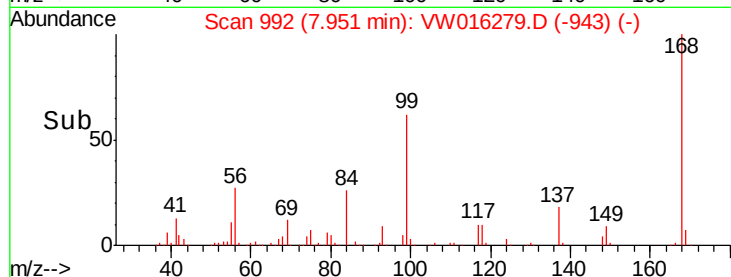
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 17.446 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW016279.D

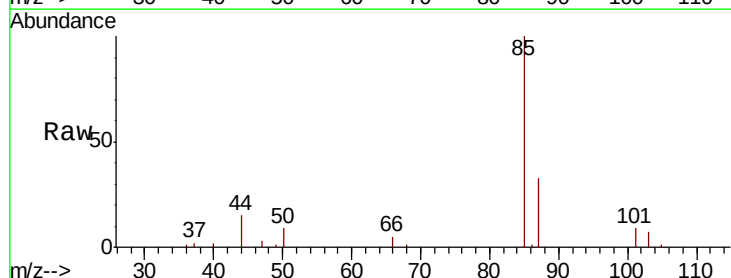
Acq: 20 Aug 2020 23:29

Tgt Ion: 85 Resp: 25660

Ion Ratio Lower Upper

85 100

87 32.9 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

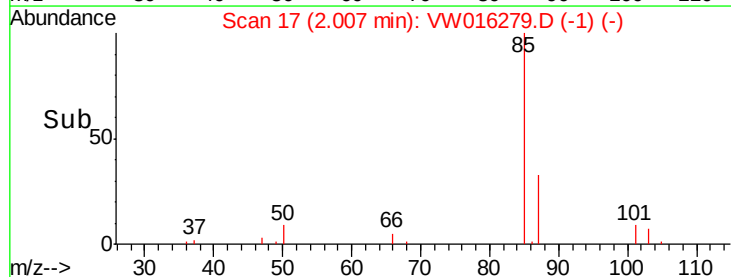
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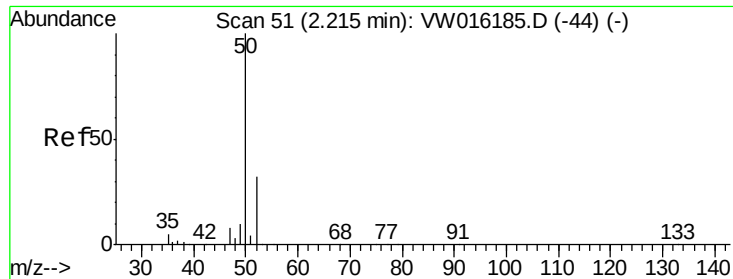
4000

2000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 18.389 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

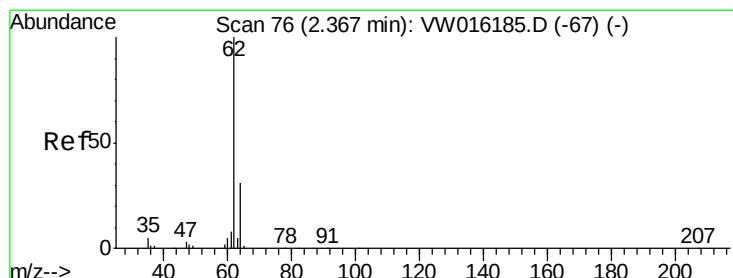
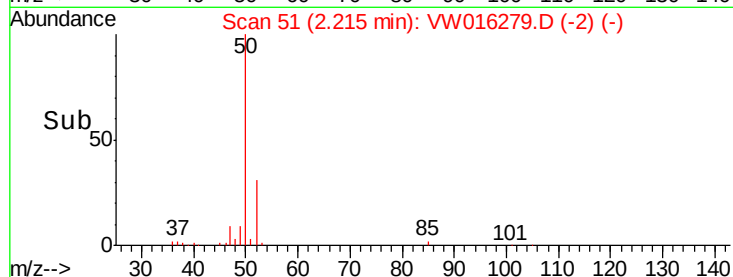
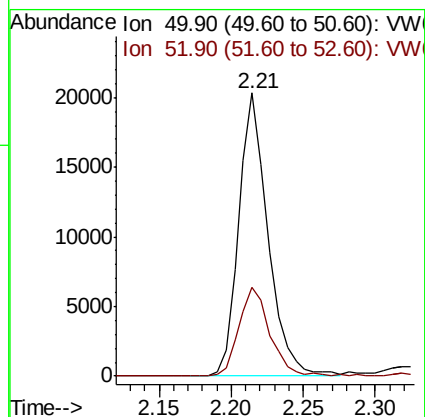
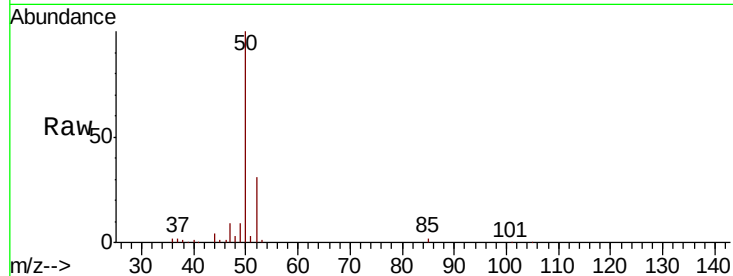
VW0821SBSD01

Tot Ion: 50 Resp: 28797

Ion Ratio Lower Upper

50 100

52 31.4 25.3 37.9



#4

Vinyl Chloride

Concen: 17.771 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW016279.D

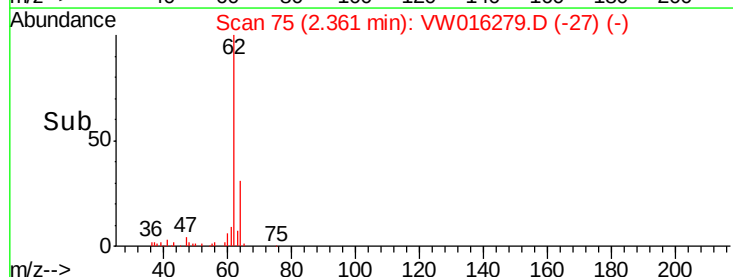
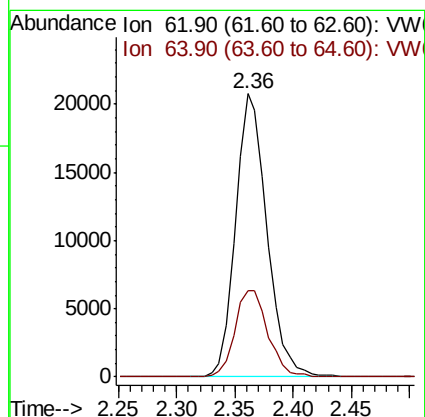
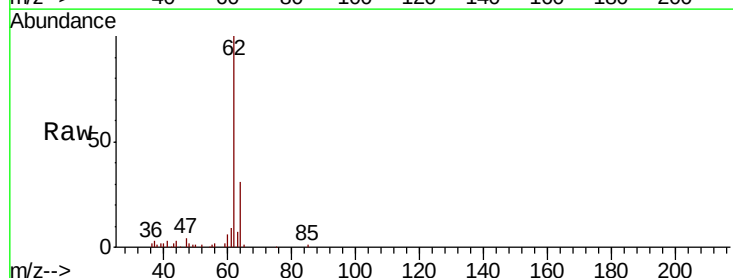
Acq: 20 Aug 2020 23:29

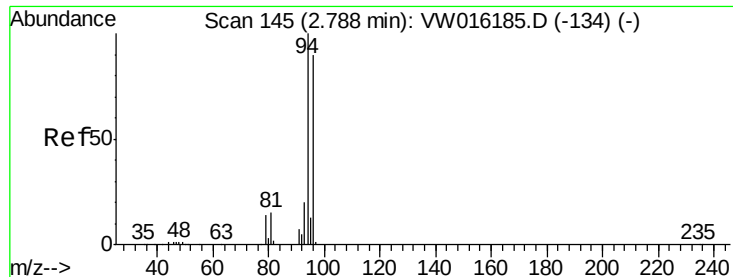
Tgt Ion: 62 Resp: 38952

Ion Ratio Lower Upper

62 100

64 30.7 24.5 36.7





#5

Bromomethane

Concen: 20.038 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.02 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

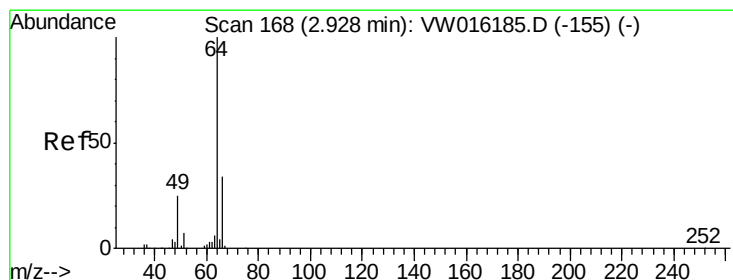
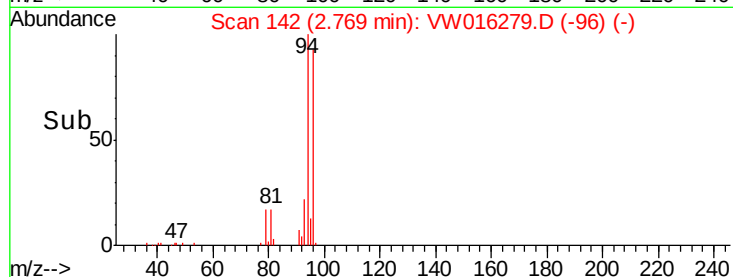
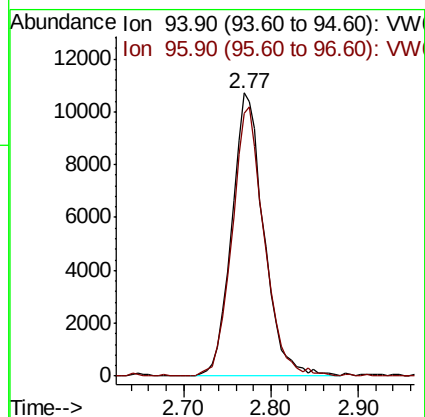
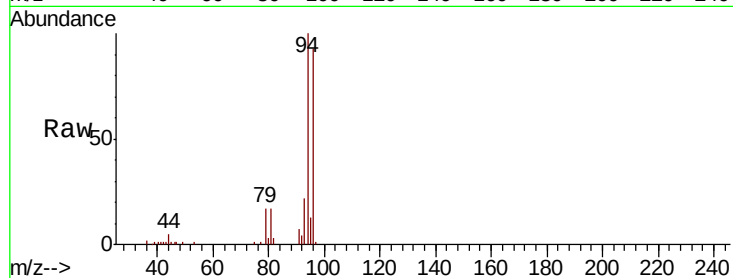
VW0821SBSD01

Tot Ion: 94 Resp: 27308

Ion Ratio Lower Upper

94 100

96 92.7 71.8 107.6



#6

Chloroethane

Concen: 19.108 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016279.D

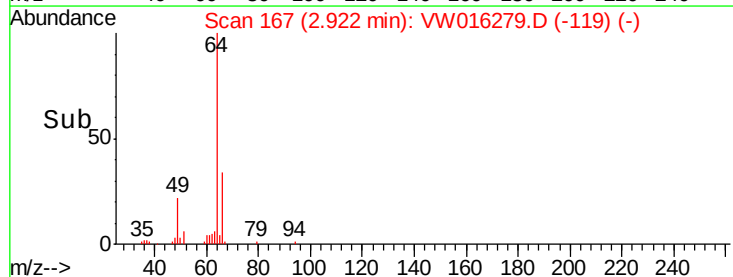
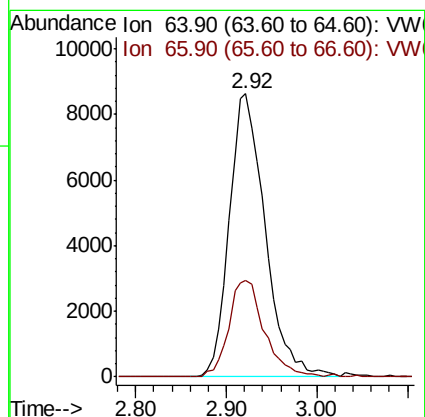
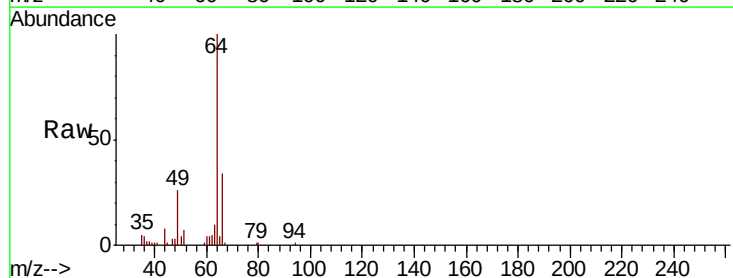
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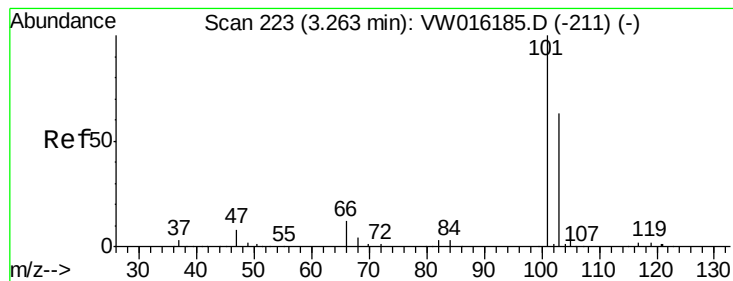
Tgt Ion: 64 Resp: 23652

Ion Ratio Lower Upper

64 100

66 34.0 26.9 40.3



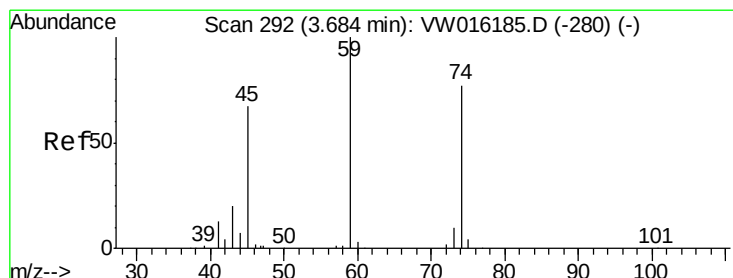
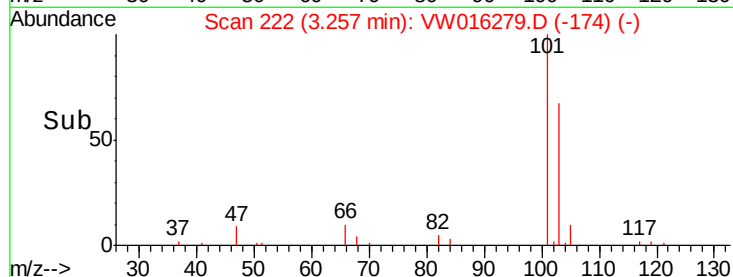
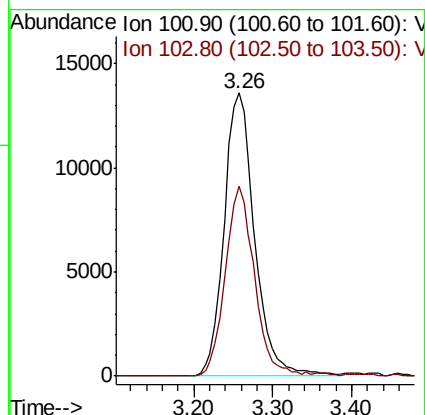
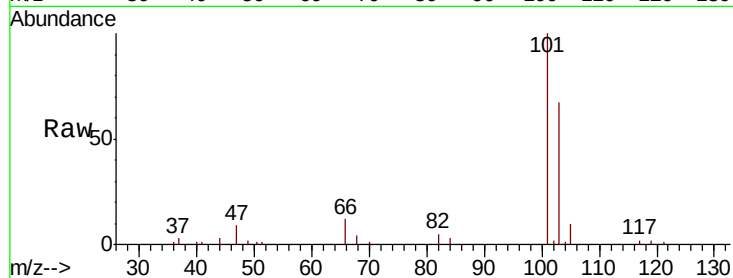


#7

Trichlorofluoromethane
 Concen: 20.672 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW016279.D
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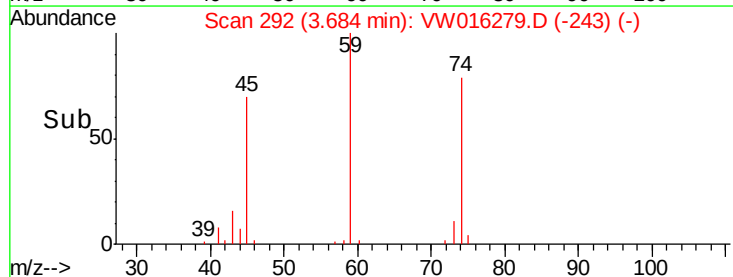
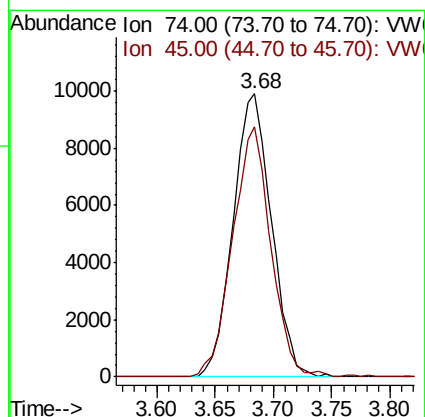
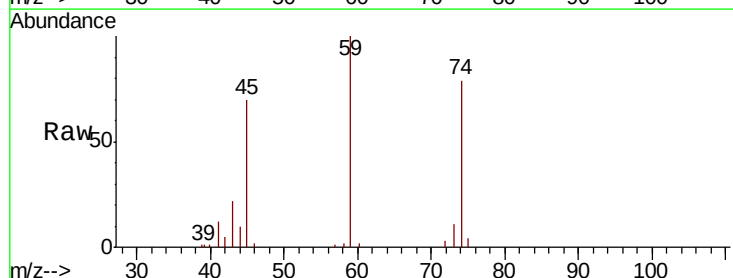
Tot Ion:101 Resp: 36682
 Ion Ratio Lower Upper
 101 100
 103 67.2 50.4 75.6

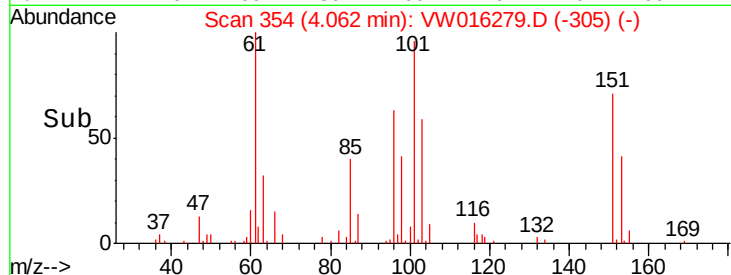
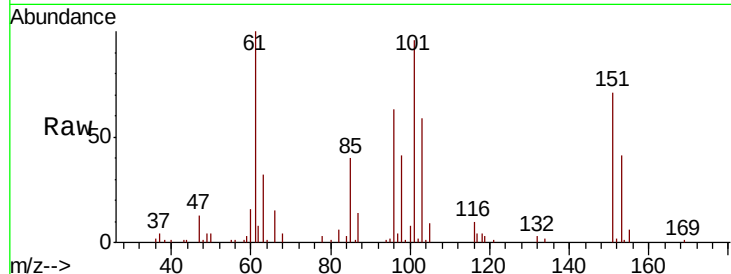
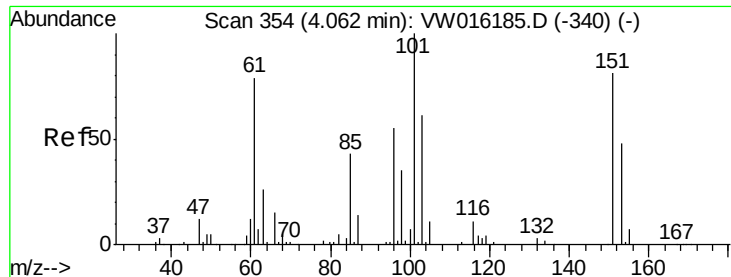


#8

Diethyl Ether
 Concen: 20.389 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion: 74 Resp: 22704
 Ion Ratio Lower Upper
 74 100
 45 88.0 45.9 137.7

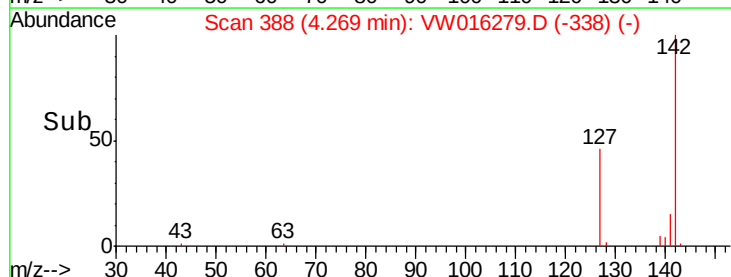
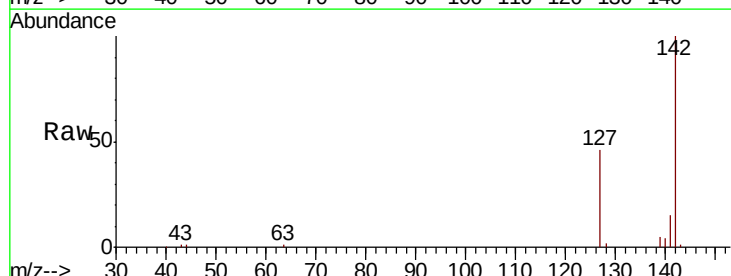
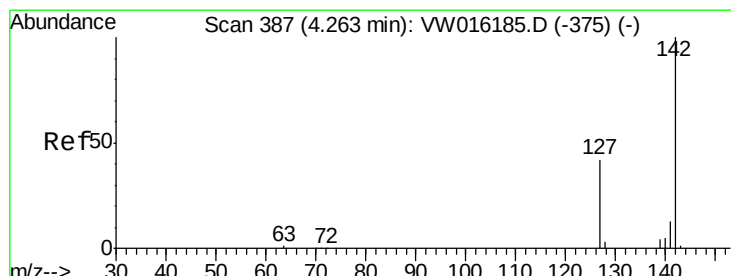
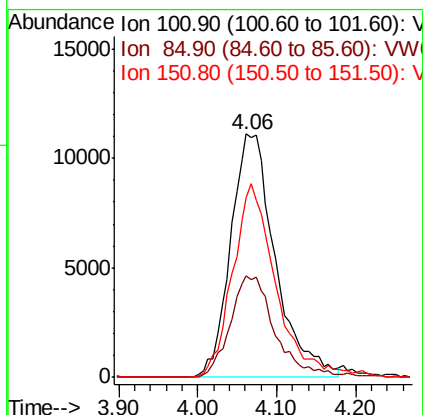




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.750 ug/l
RT: 4.06 min Scan# 354
Delta R.T. -0.00 min
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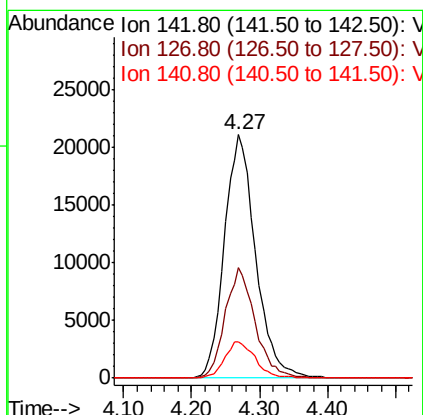
Instrument :
MSVOA_W
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VW0821SBSD01

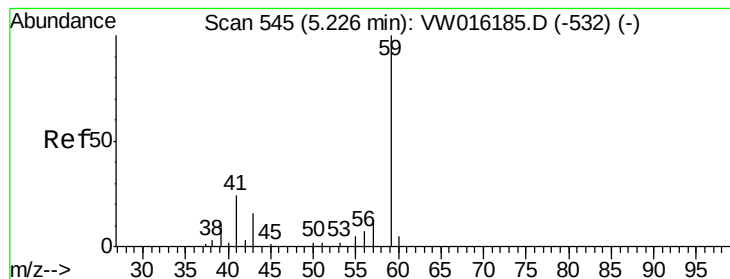
Tot Ion	Ratio	Lower	Upper
101	100		
85	41.4	33.3	49.9
151	76.7	61.1	91.7



#10
Methyl Iodide
Concen: 19.948 ug/l
RT: 4.27 min Scan# 388
Delta R.T. 0.01 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.4	34.6	52.0
141	14.6	11.4	17.2



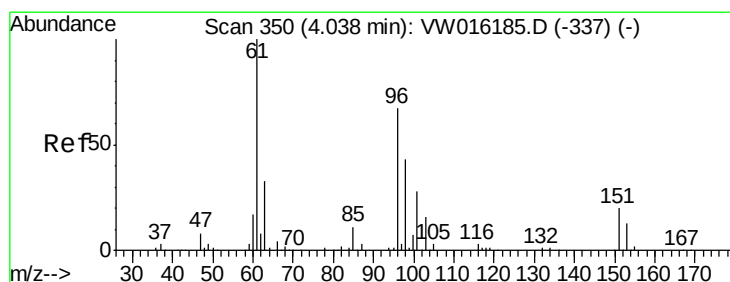
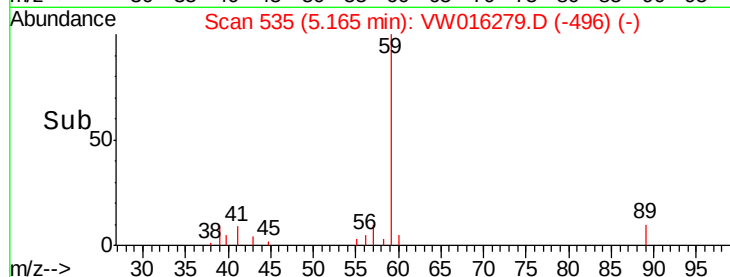
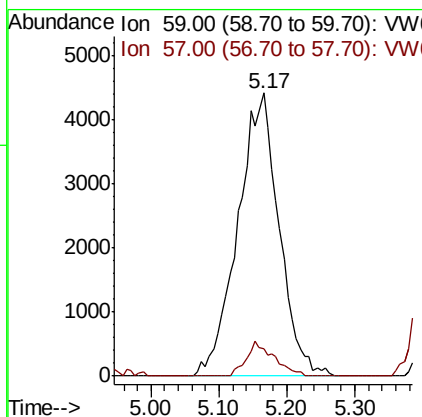
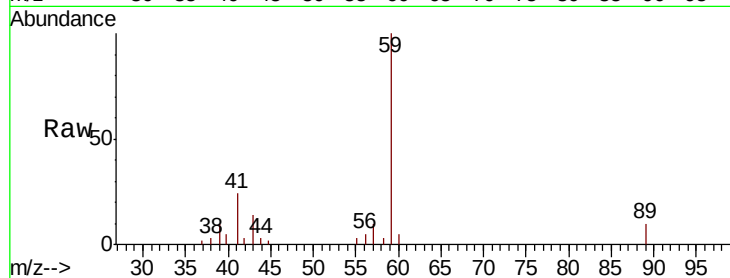


#11

Tert butyl alcohol
 Concen: 165.846 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.06 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

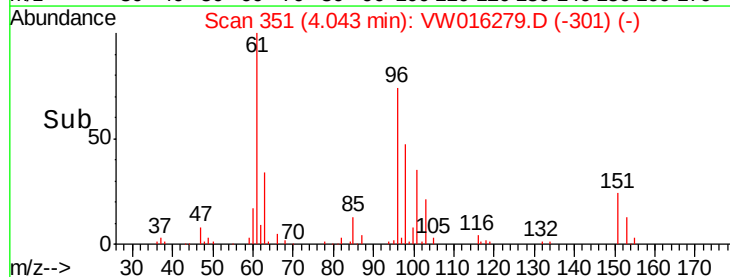
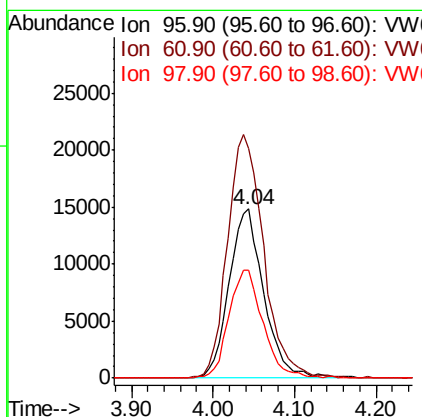
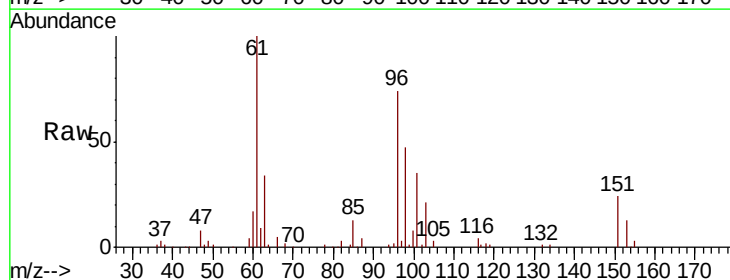
Tot Ion: 59 Resp: 18617
 Ion Ratio Lower Upper
 59 100
 57 8.3 9.0 13.6#

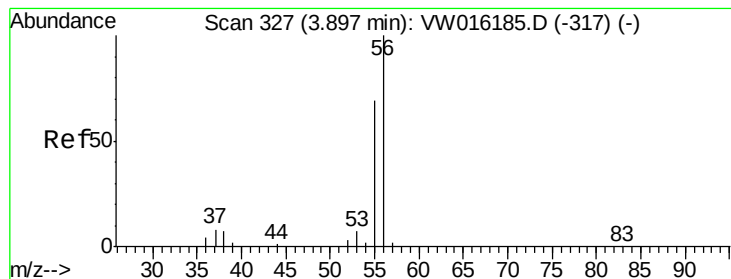


#12

1,1-Dichloroethene
 Concen: 18.390 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion: 96 Resp: 43545
 Ion Ratio Lower Upper
 96 100
 61 135.8 119.5 179.3
 98 63.7 51.3 76.9





#13

Acrolein

Concen: 93.393 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

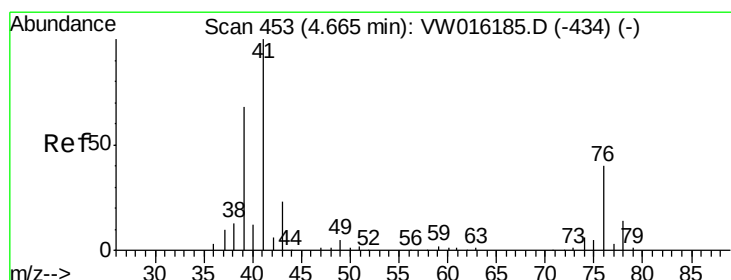
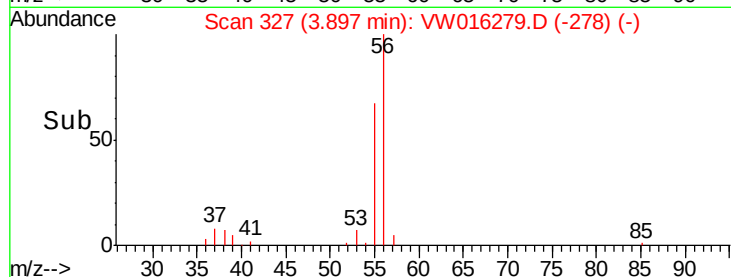
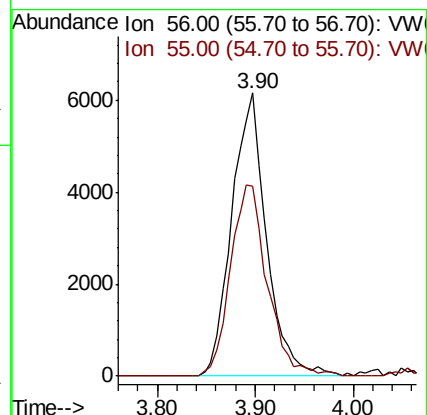
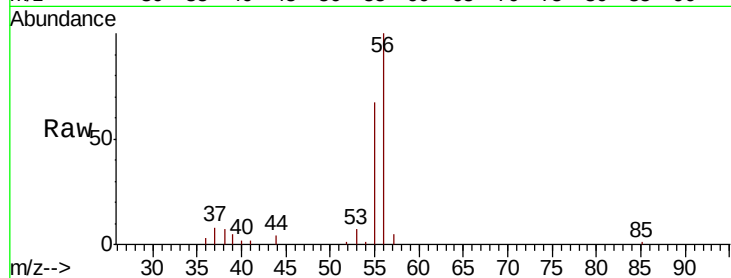
VW0821SBSD01

Tot Ion: 56 Resp: 15144

Ion Ratio Lower Upper

56 100

55 71.6 55.0 82.6



#14

Allyl chloride

Concen: 18.329 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

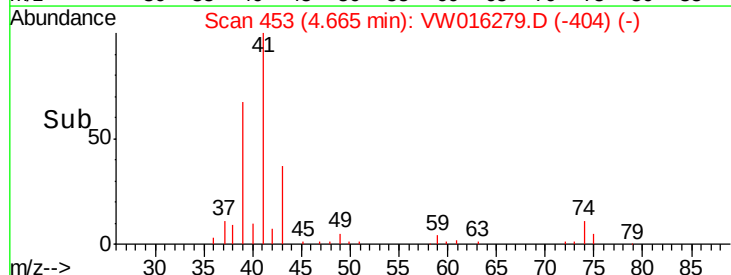
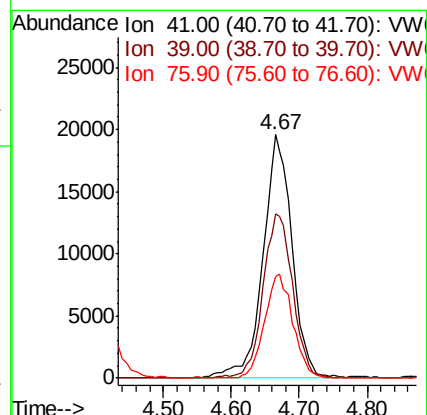
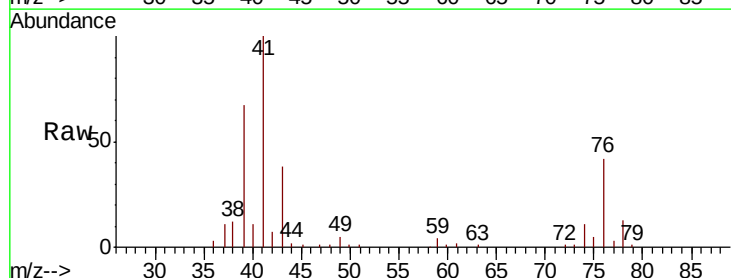
Tgt Ion: 41 Resp: 58150

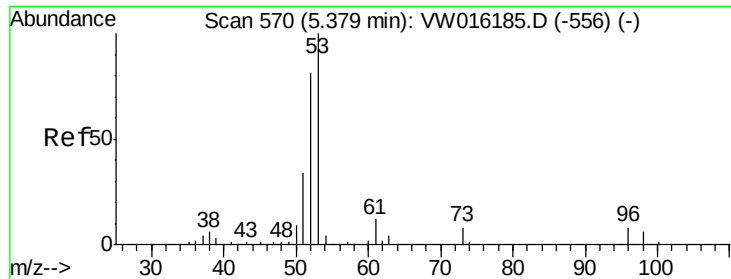
Ion Ratio Lower Upper

41 100

39 69.0 53.4 80.0

76 41.7 32.0 48.0





#15

Acrylonitrile

Concen: 110.024 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

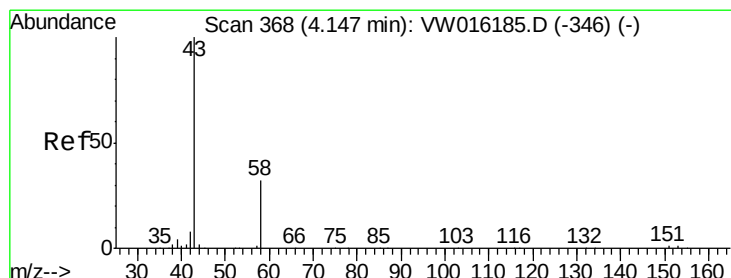
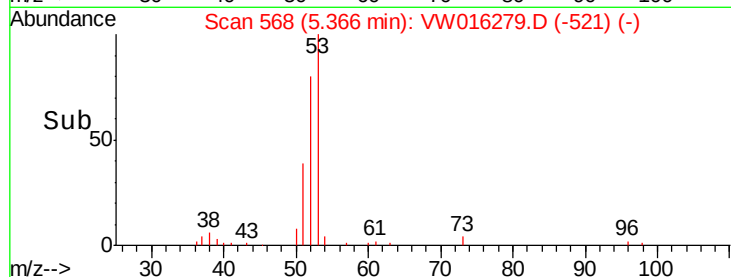
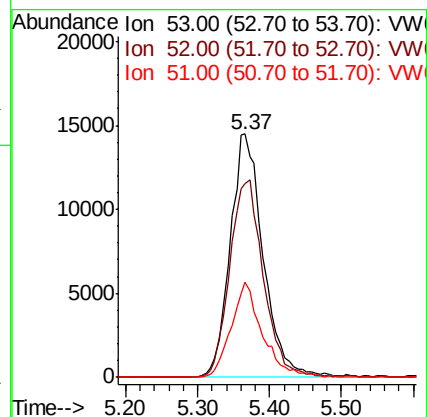
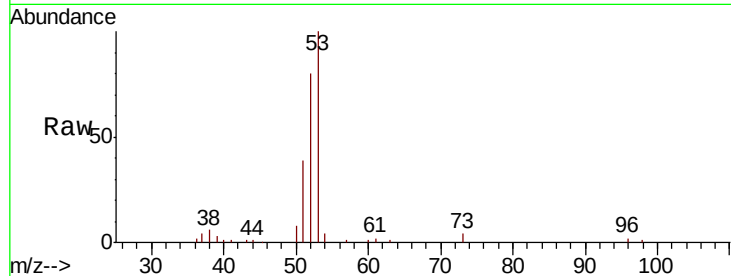
Tot Ion: 53 Resp: 46164

Ion Ratio Lower Upper

53 100

52 82.8 65.3 97.9

51 36.8 29.0 43.4



#16

Acetone

Concen: 95.620 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.03 min

Lab File: VW016279.D

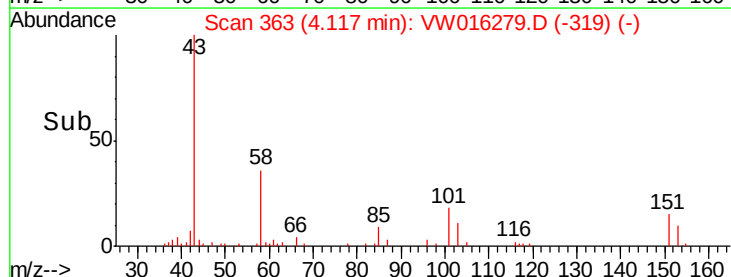
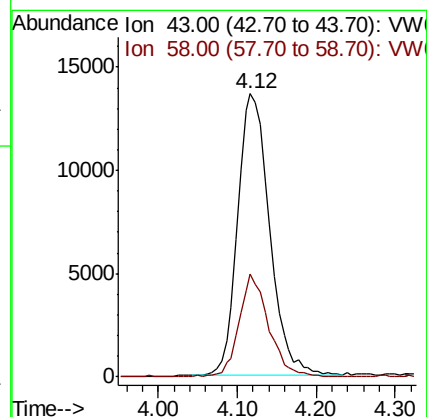
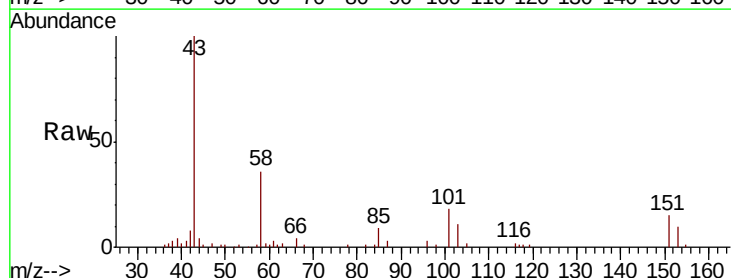
Acq: 20 Aug 2020 23:29

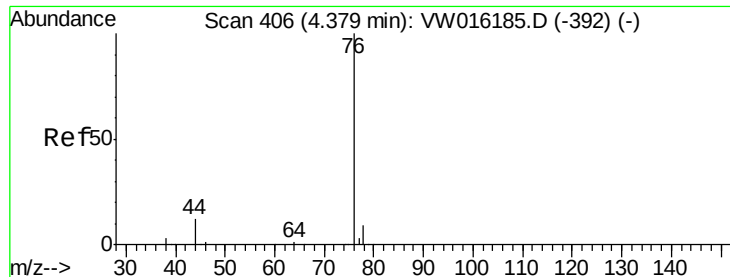
Tgt Ion: 43 Resp: 38636

Ion Ratio Lower Upper

43 100

58 36.4 25.8 38.6





#17

Carbon Disulfide

Concen: 18.271 ug/l

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

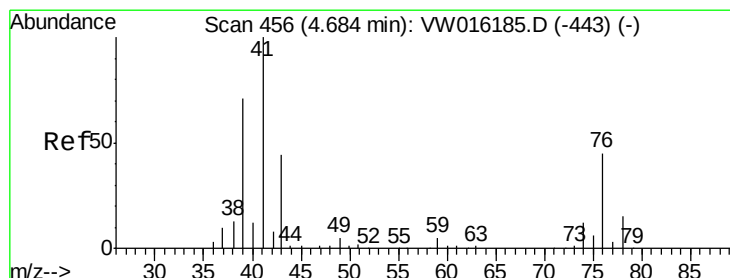
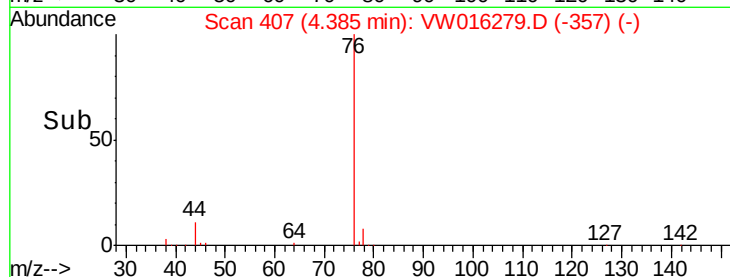
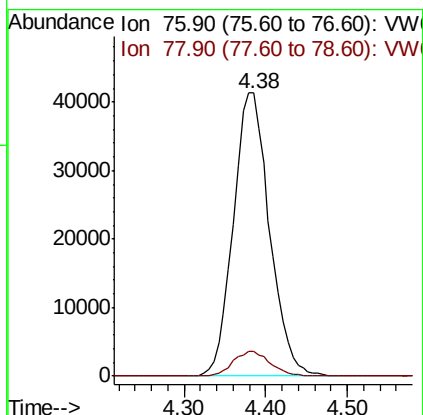
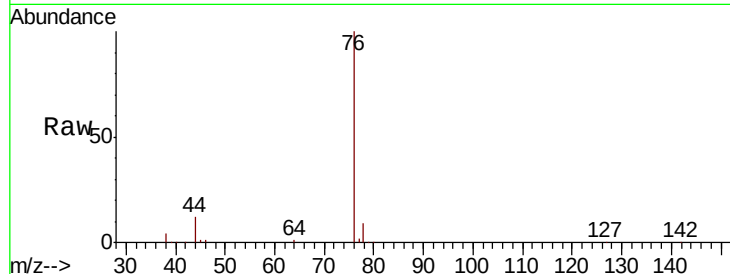
VW0821SBSD01

Tot Ion: 76 Resp: 127037

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



#18

Methyl Acetate

Concen: 25.522 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW016279.D

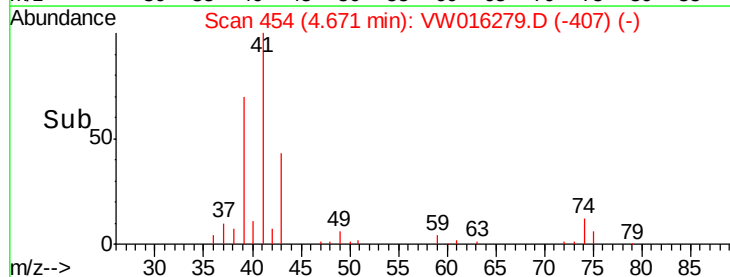
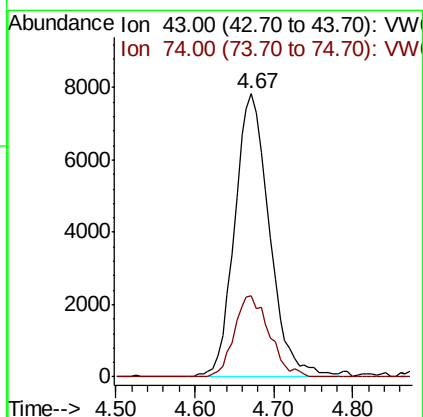
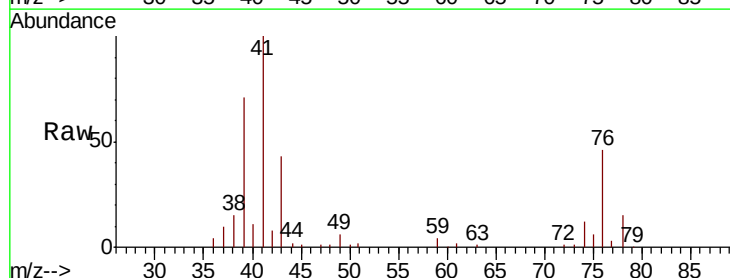
Acq: 20 Aug 2020 23:29

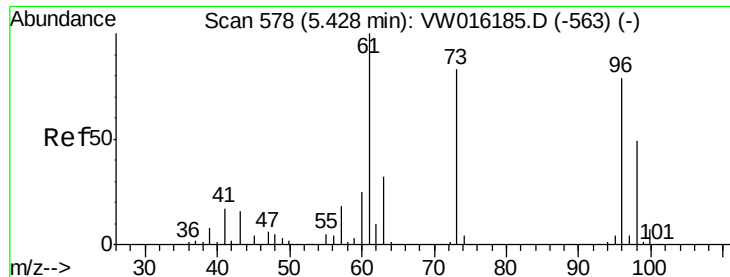
Tgt Ion: 43 Resp: 24014

Ion Ratio Lower Upper

43 100

74 28.8 20.6 31.0

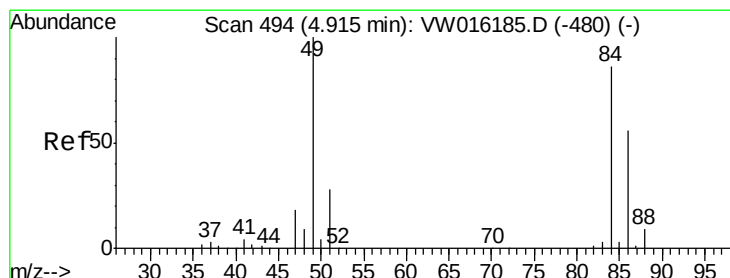
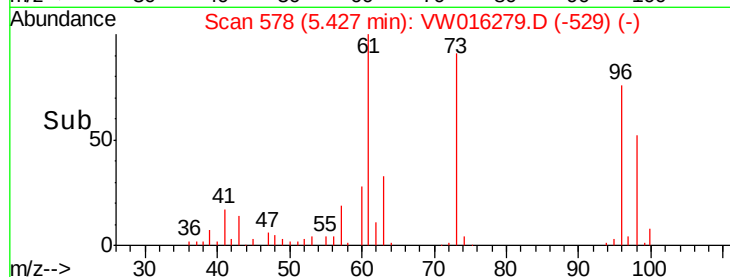
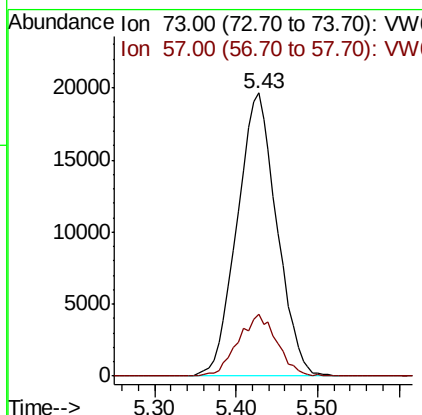
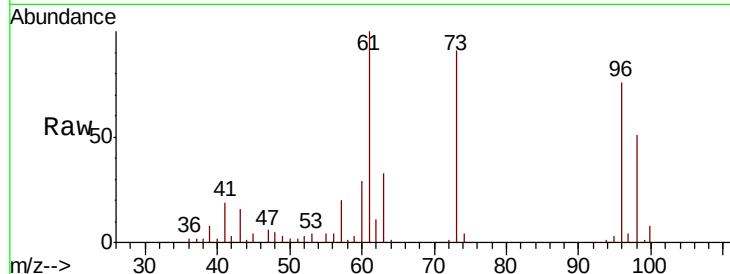




#19
Methyl tert-butyl Ether
Concen: 22.716 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

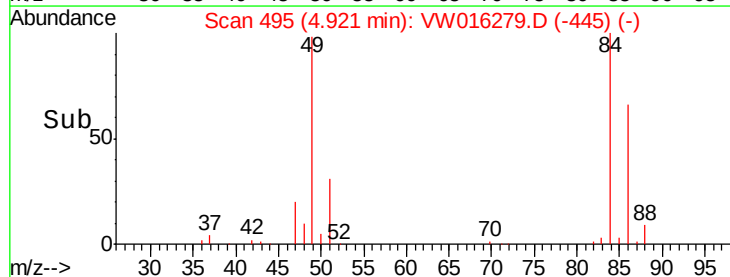
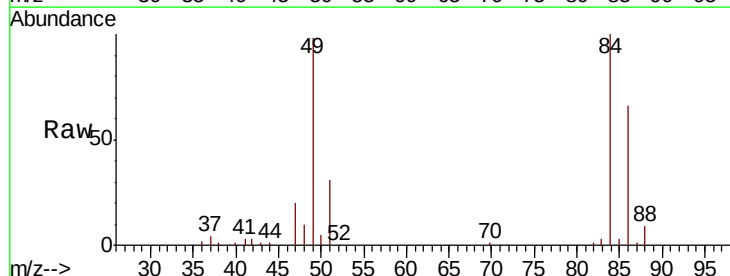
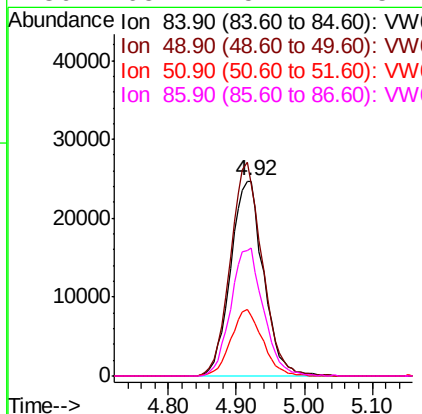
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

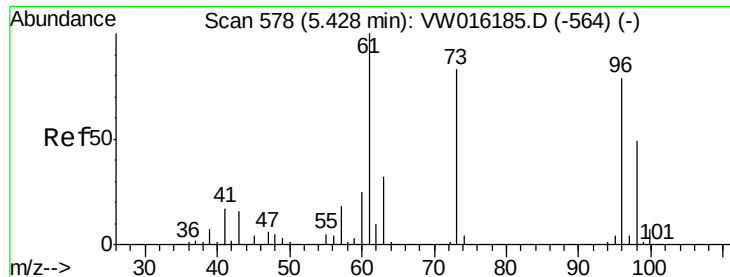
Tot Ion: 73 Resp: 66234
Ion Ratio Lower Upper
73 100
57 21.9 17.2 25.8



#20
Methylene Chloride
Concen: 31.211 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion: 84 Resp: 82998
Ion Ratio Lower Upper
84 100
49 98.3 93.4 140.2
51 30.6 26.6 40.0
86 65.7 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 19.336 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

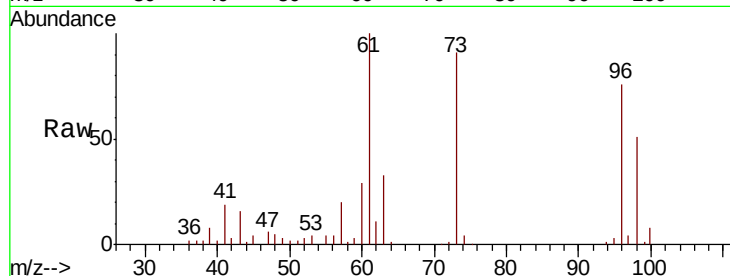
Tot Ion: 96 Resp: 49859

Ion Ratio Lower Upper

96 100

61 132.2 101.4 152.0

98 67.9 49.4 74.0

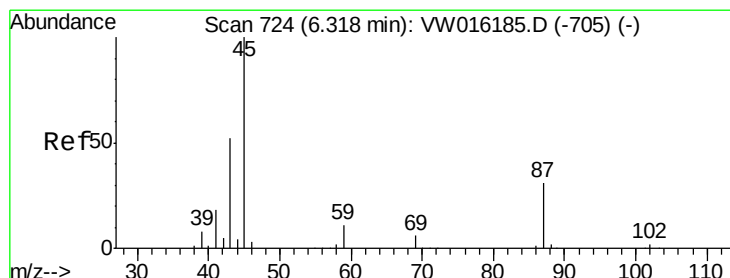
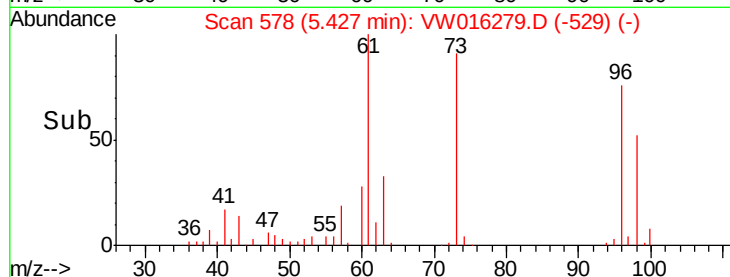
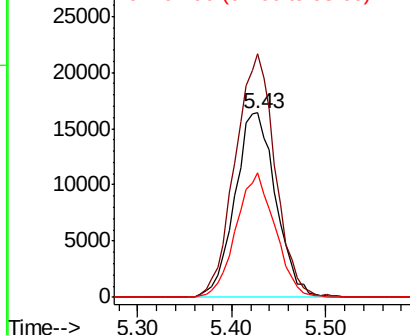


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 20.154 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Tgt Ion: 45 Resp: 120544

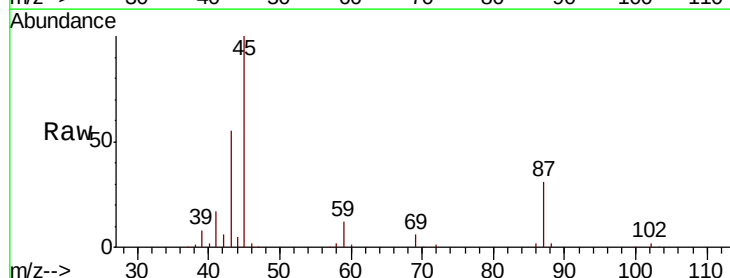
Ion Ratio Lower Upper

45 100

43 54.1 41.7 62.5

87 31.4 25.0 37.6

59 12.2 9.2 13.8



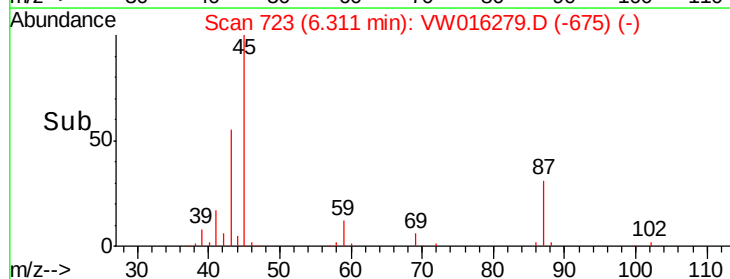
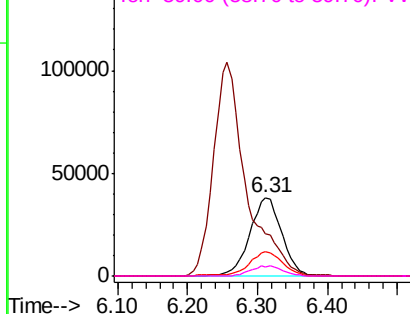
Abundance

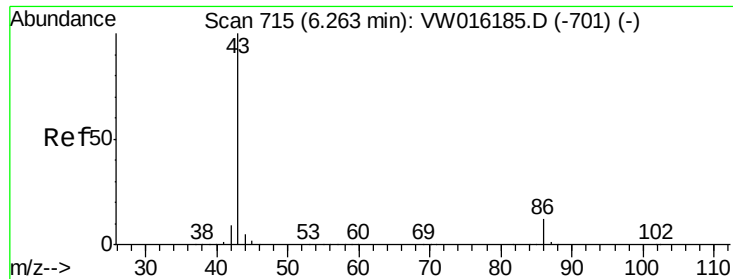
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 99.228 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

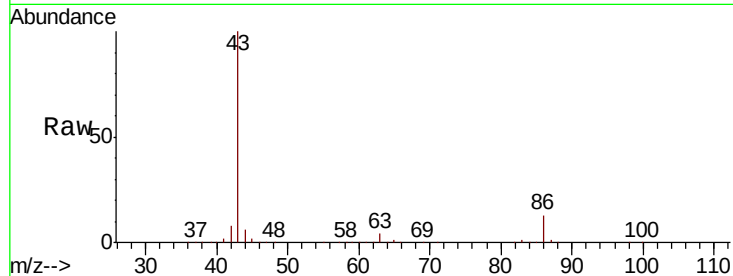
VW0821SBSD01

Tot Ion: 43 Resp: 339835

Ion Ratio Lower Upper

43 100

86 13.1 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

120000

100000

80000

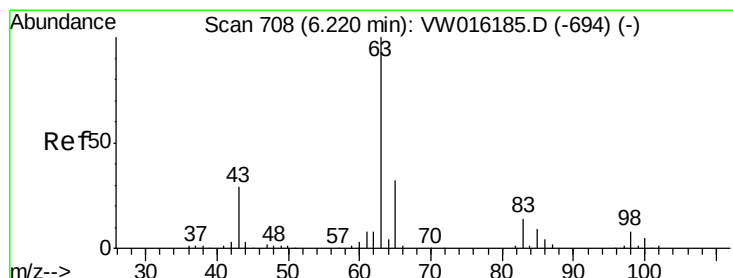
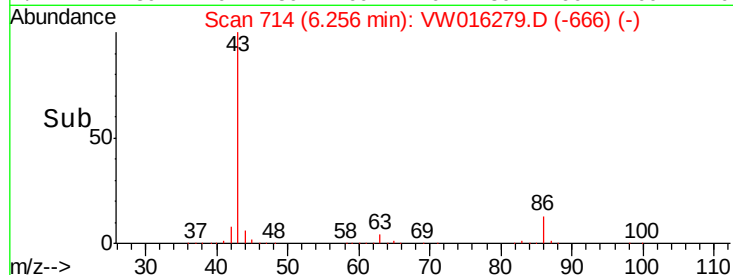
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.314 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

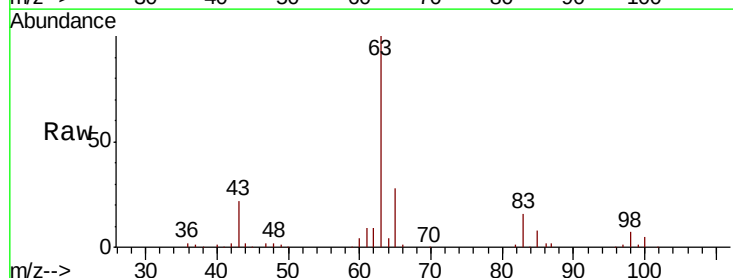
Tgt Ion: 63 Resp: 80628

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

100 5.4 2.6 8.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

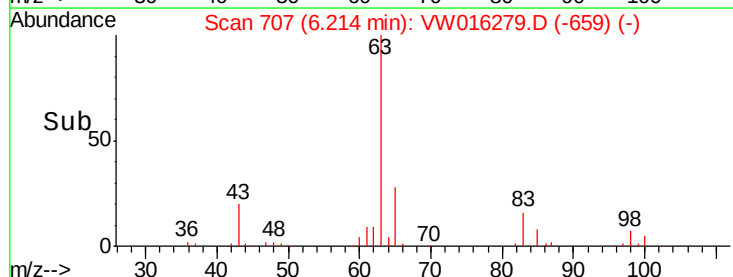
30000

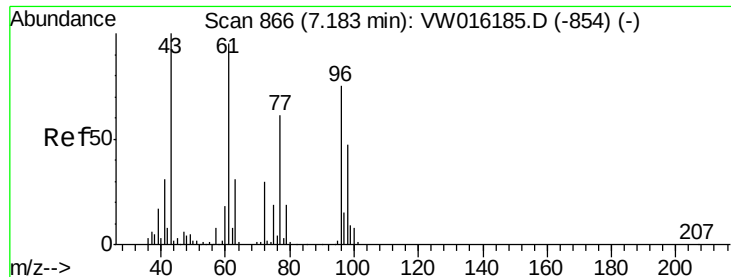
20000

10000

0

Time-->





#25

2-Butanone

Concen: 108.275 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

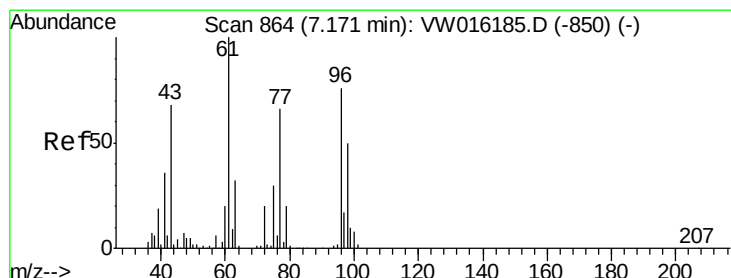
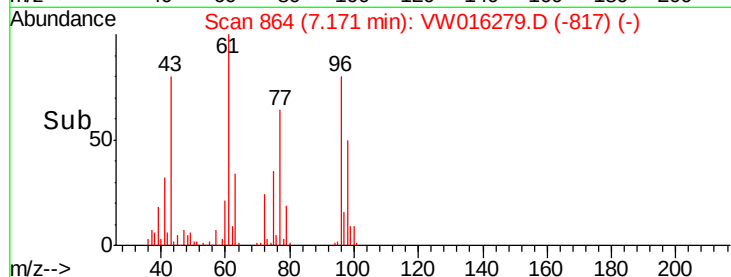
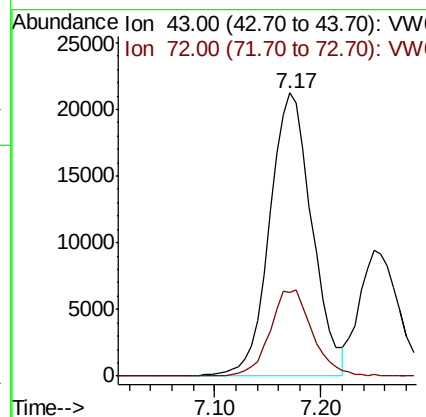
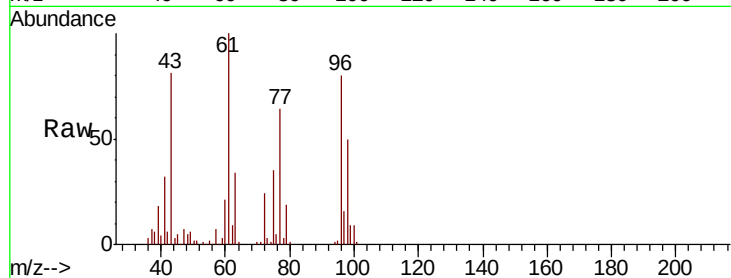
VW0821SBSD01

Tot Ion: 43 Resp: 58632

Ion Ratio Lower Upper

43 100

72 29.8 24.2 36.2



#26

2,2-Dichloropropane

Concen: 19.946 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW016279.D

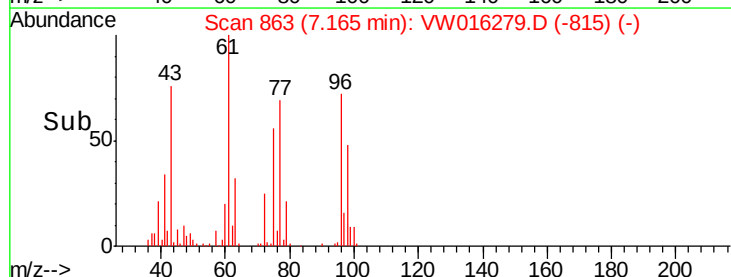
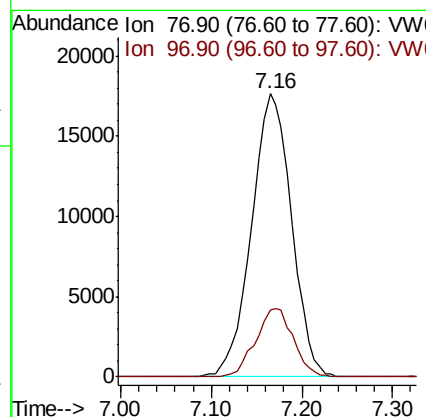
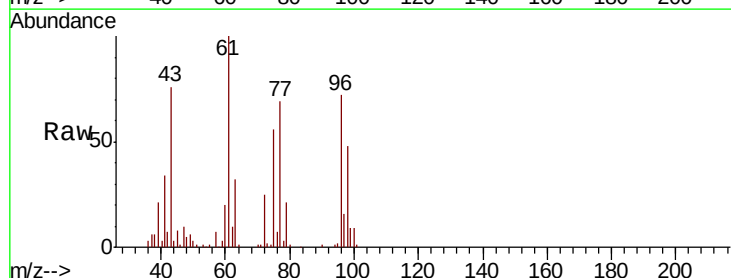
Acq: 20 Aug 2020 23:29

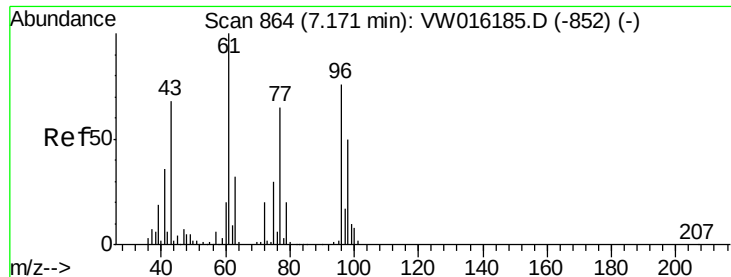
Tgt Ion: 77 Resp: 53785

Ion Ratio Lower Upper

77 100

97 22.7 12.1 36.3



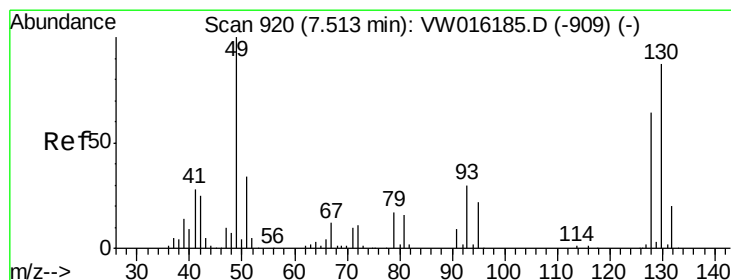
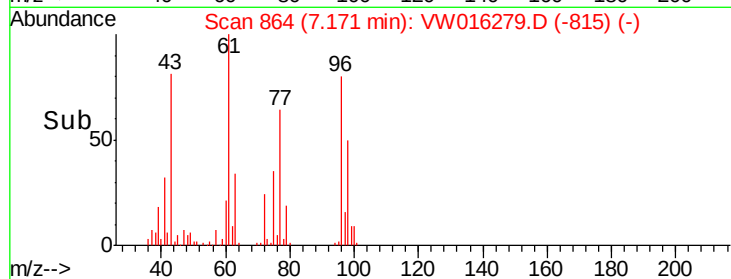
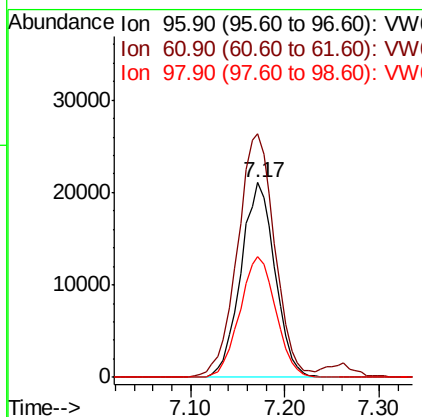
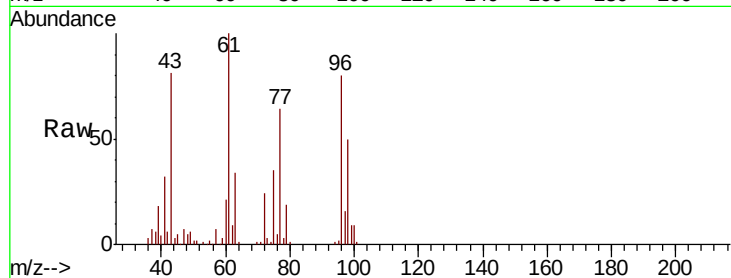


#27

cis-1,2-Dichloroethene
 Concen: 20.113 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

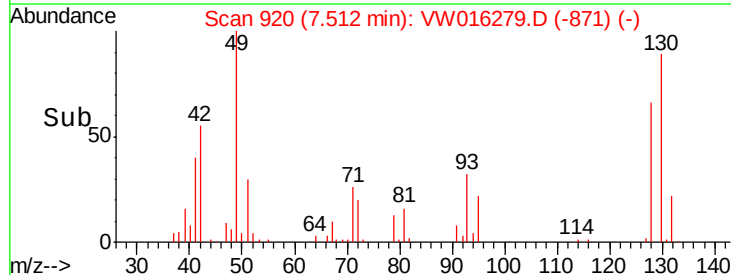
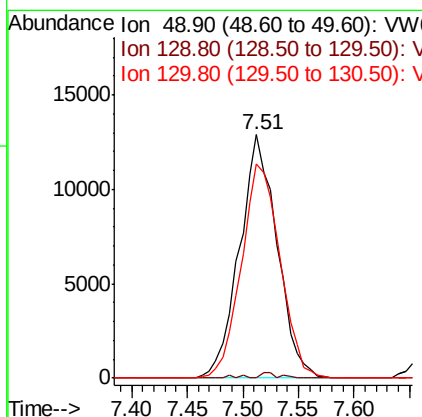
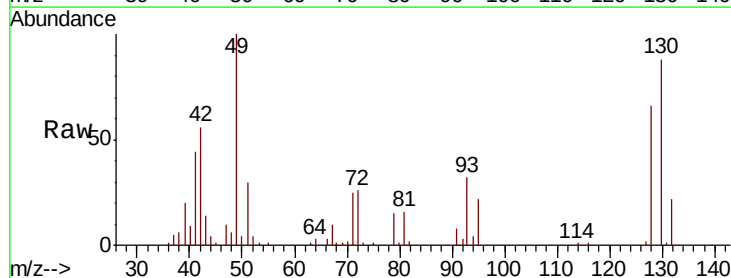
Tot Ion	96	Resp	53532
Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	267.0
98	65.2	0.0	129.6

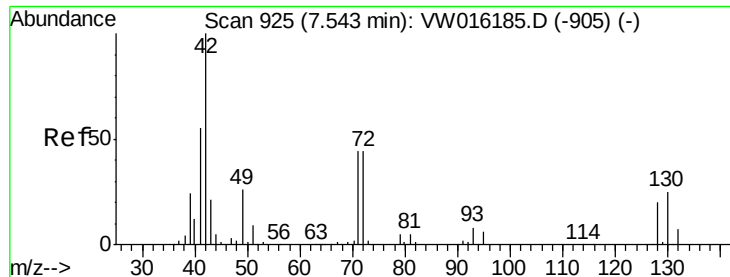


#28

Bromochloromethane
 Concen: 19.089 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion	49	Resp	30232
Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	4.2
130	90.8	69.9	104.9





#29

Tetrahydrofuran

Concen: 110.116 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.01 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

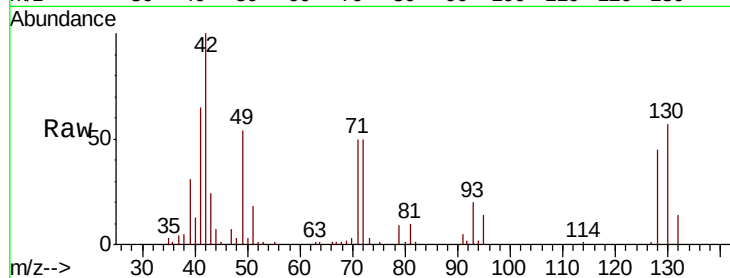
Tot Ion: 42 Resp: 35644

Ion Ratio Lower Upper

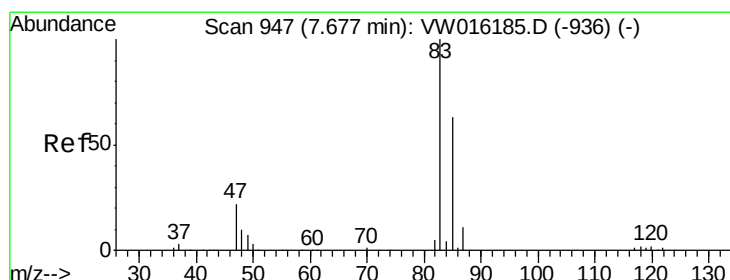
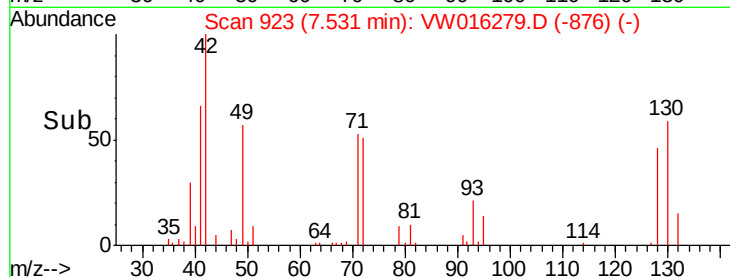
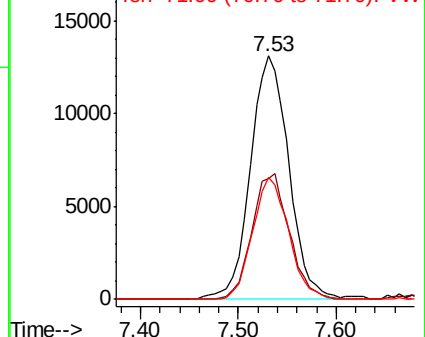
42 100

72 50.1 37.4 56.2

71 47.1 35.6 53.4



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 19.910 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW016279.D

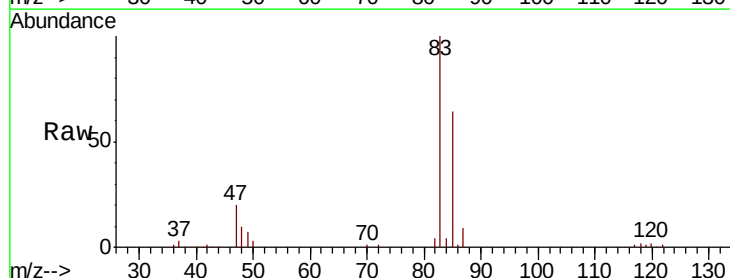
Acq: 20 Aug 2020 23:29

Tgt Ion: 83 Resp: 86355

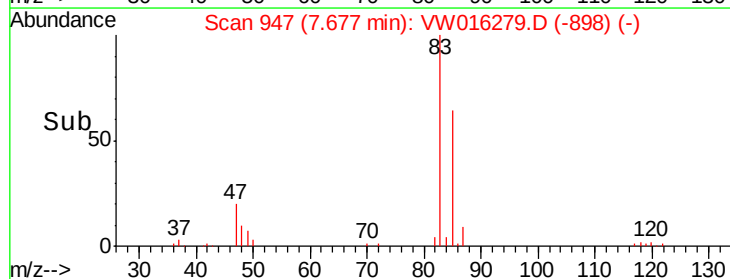
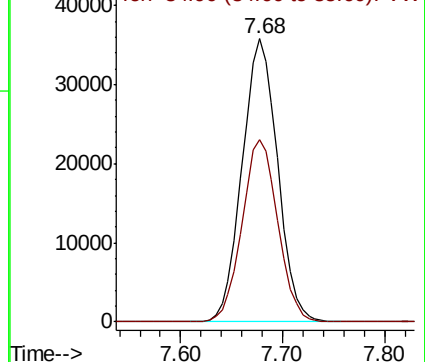
Ion Ratio Lower Upper

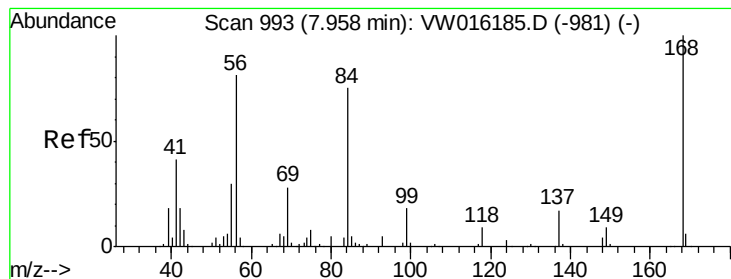
83 100

85 64.4 50.0 75.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 18.366 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

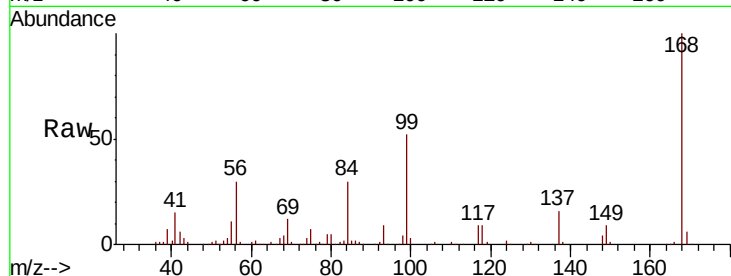
MSVOA_W

ClientSampleId :

VW0821SBS01

Tot Ion: 56 Resp: 70693

Ion	Ratio	Lower	Upper
56	100		
69	41.2	27.3	40.9#
84	99.3	73.5	110.3

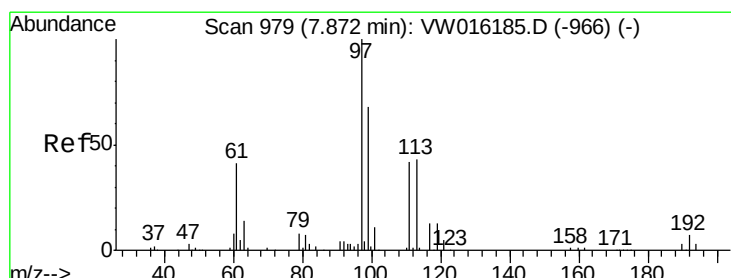
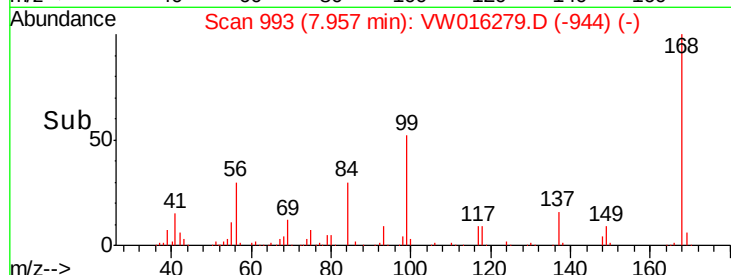
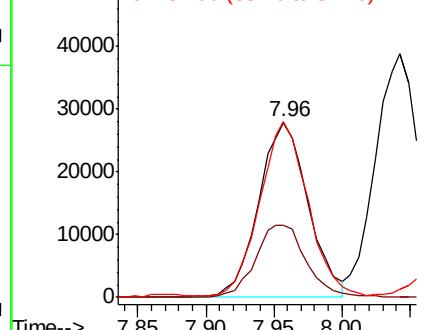


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 20.032 ug/l

RT: 7.87 min Scan# 979

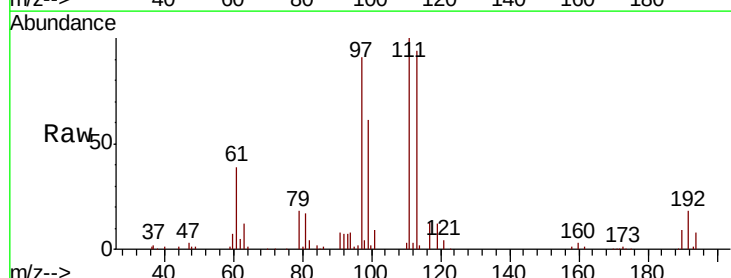
Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Tgt Ion: 97 Resp: 72997

Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.3	76.9
61	40.8	33.2	49.8

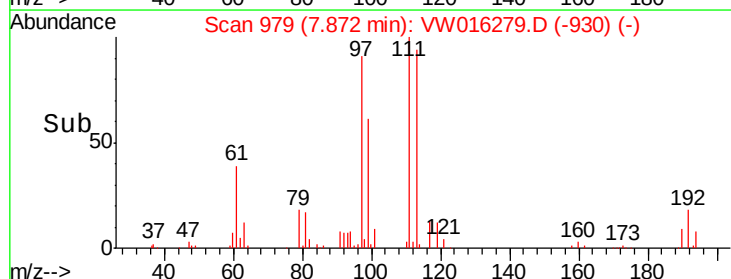
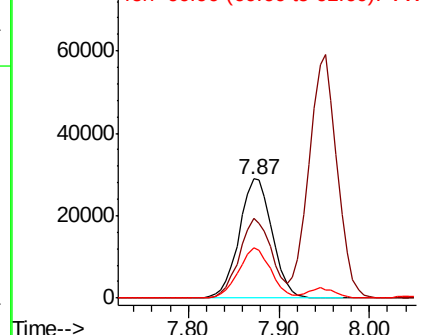


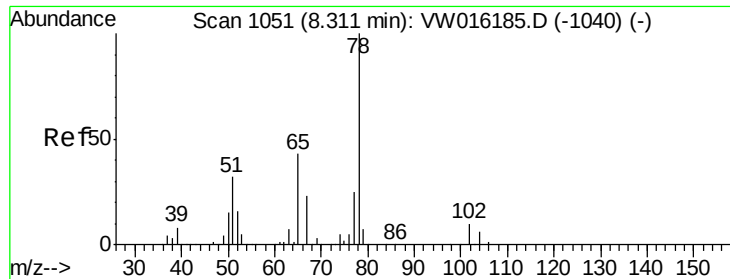
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW

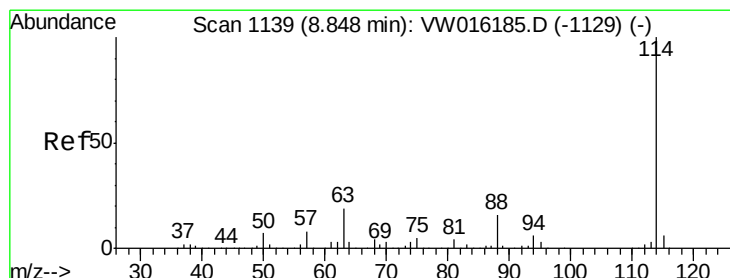
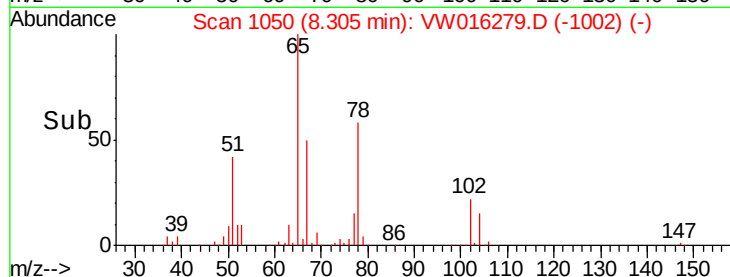
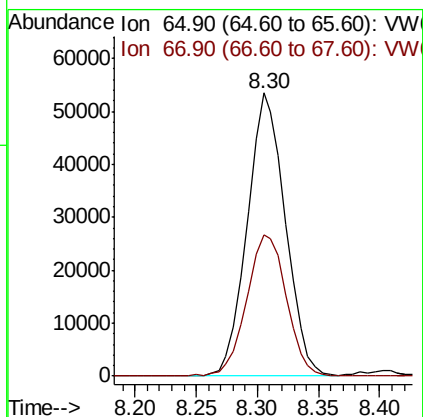
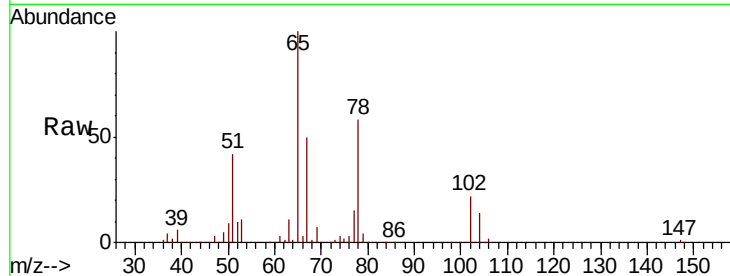




#33
 1,2-Dichloroethane-d4
 Concen: 54.879 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

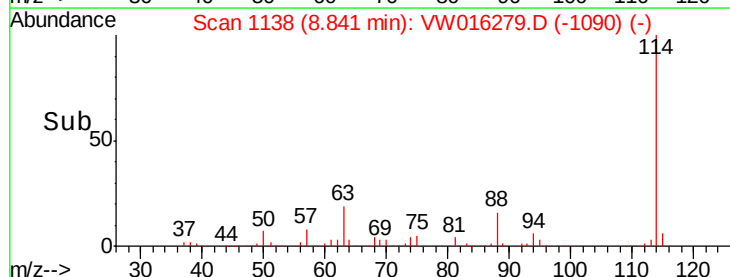
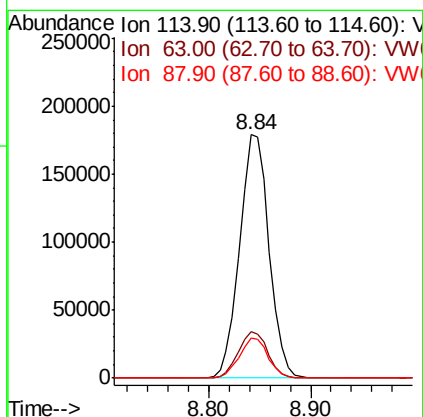
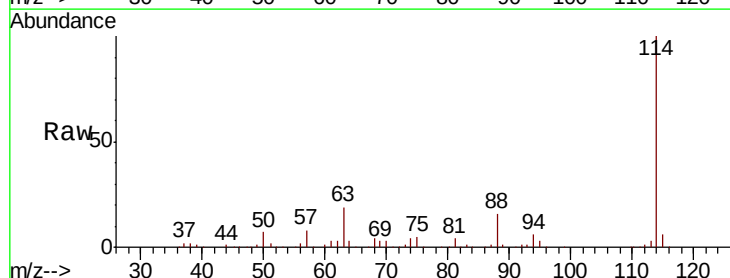
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

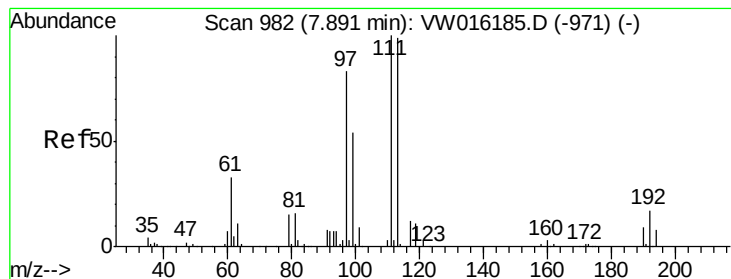
Tot Ion: 65 Resp: 115752
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion: 114 Resp: 358325
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.4
 88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.495 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

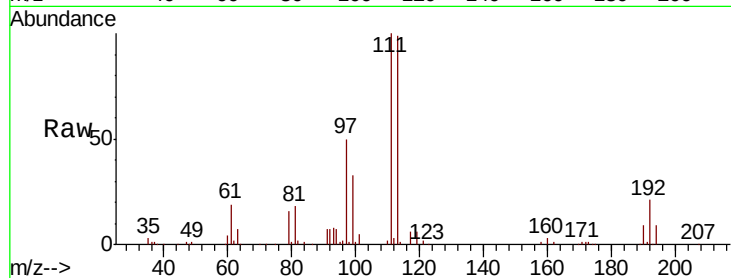
Tot Ion:113 Resp: 113849

Ion Ratio Lower Upper

113 100

111 104.6 83.5 125.3

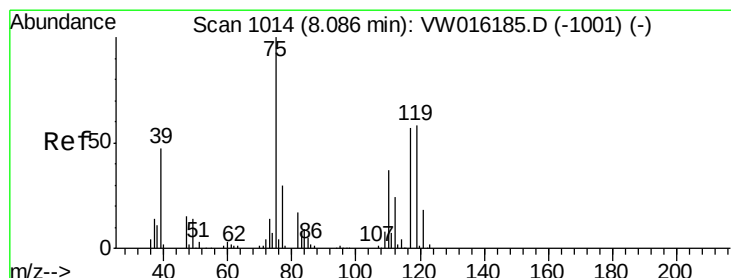
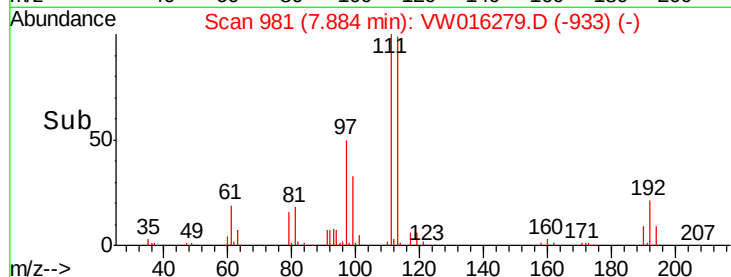
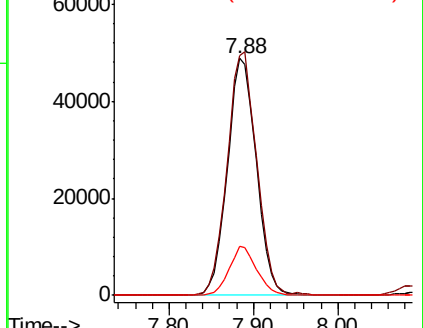
192 19.7 14.3 21.5



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: 19.046 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

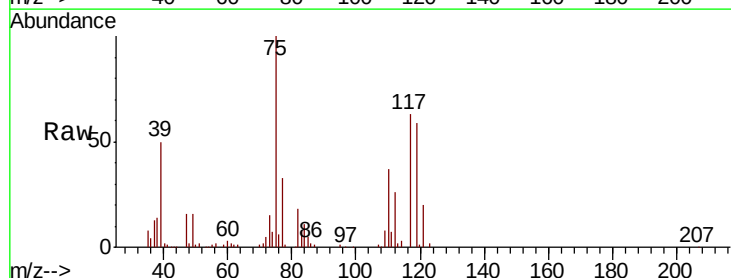
Tgt Ion: 75 Resp: 67231

Ion Ratio Lower Upper

75 100

110 36.5 18.1 54.3

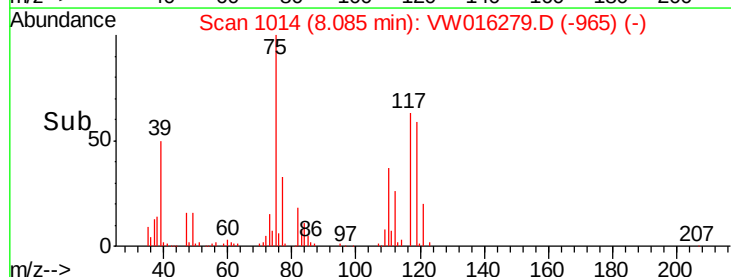
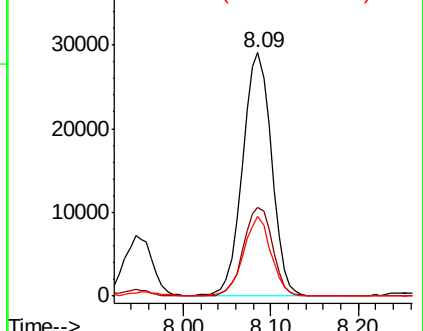
77 31.3 24.7 37.1

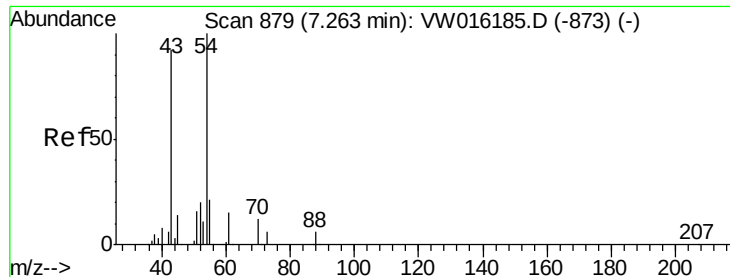


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

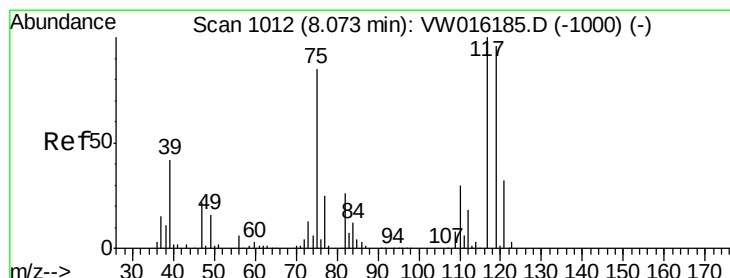
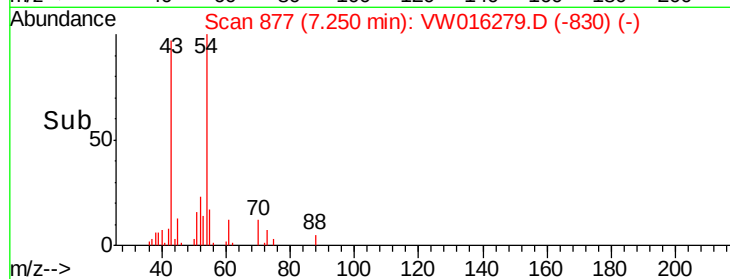
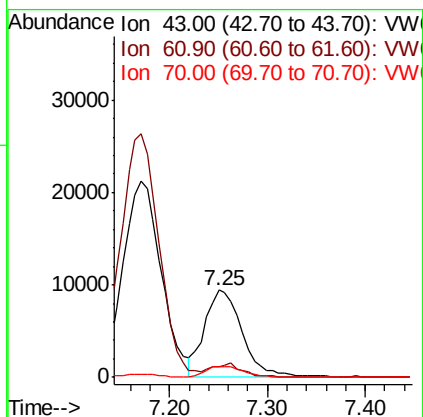
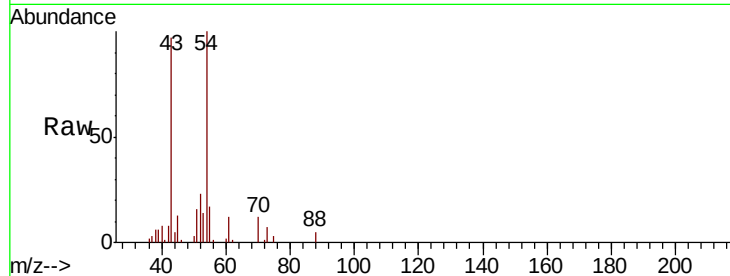




#37
Ethyl Acetate
Concen: 20.745 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

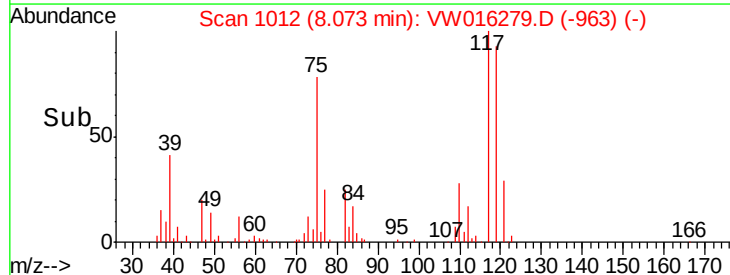
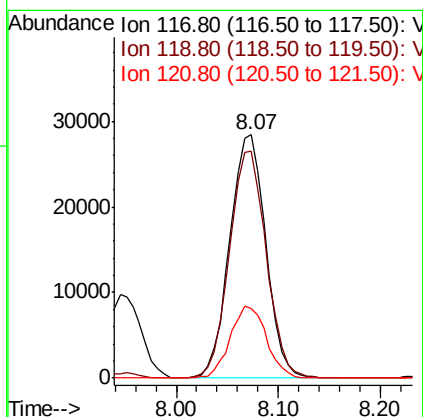
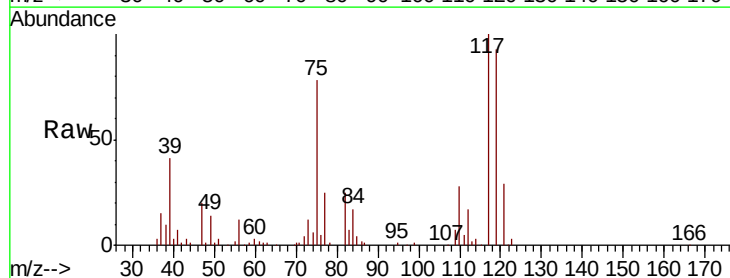
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

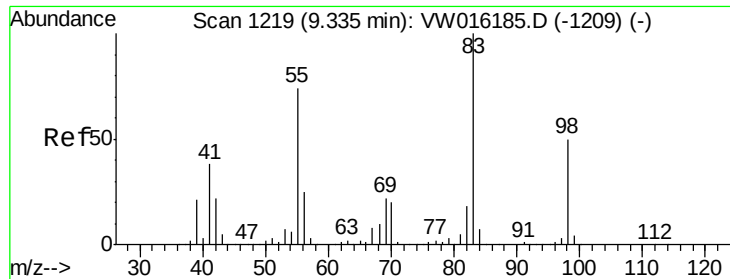
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	12.6	18.8
70	12.9	9.8	14.8



#38
Carbon Tetrachloride
Concen: 19.789 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.6	115.0
121	28.7	25.4	38.0





#39

Methylvlcyclohexane

Concen: 18.841 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

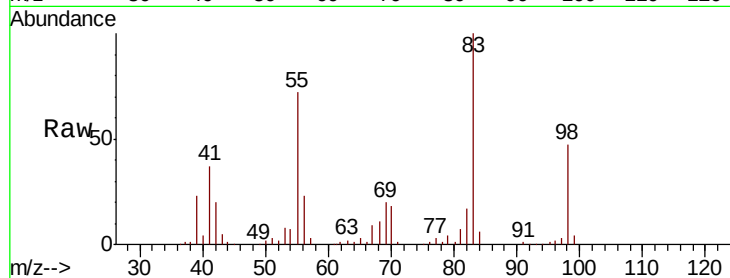
Tot Ion: 83 Resp: 80114

Ion Ratio Lower Upper

83 100

55 72.4 59.2 88.8

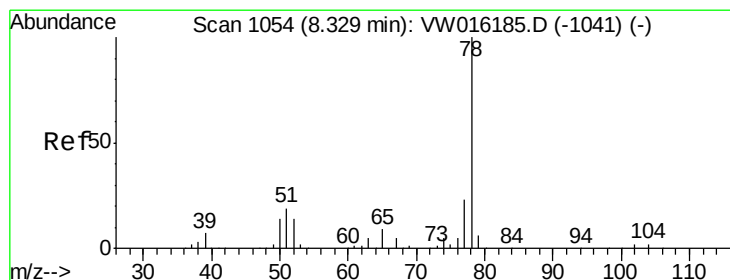
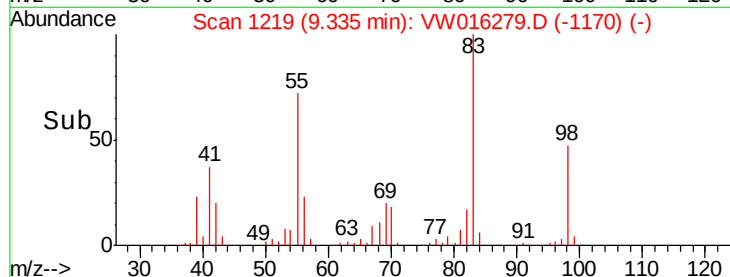
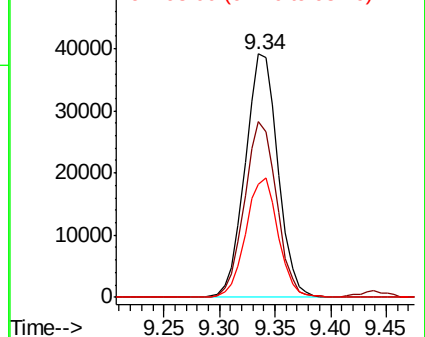
98 46.5 40.2 60.2



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: 19.270 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW016279.D

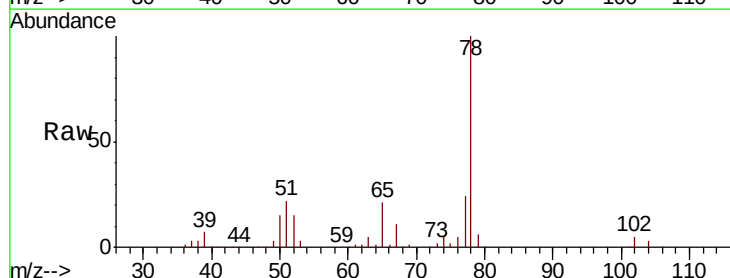
Acq: 20 Aug 2020 23:29

Tgt Ion: 78 Resp: 191359

Ion Ratio Lower Upper

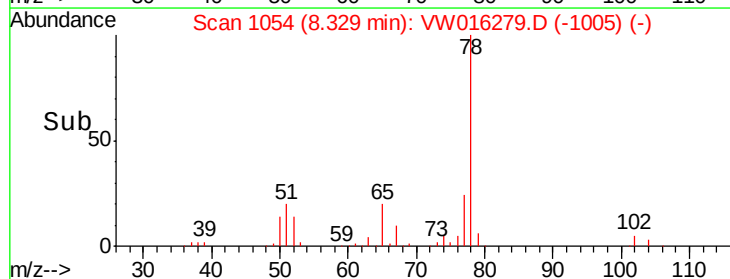
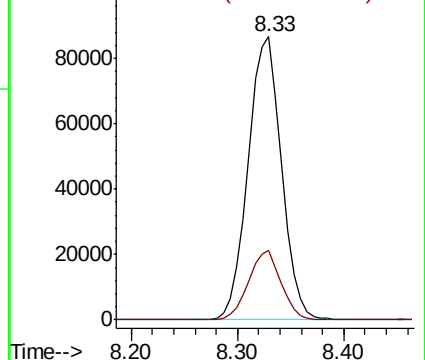
78 100

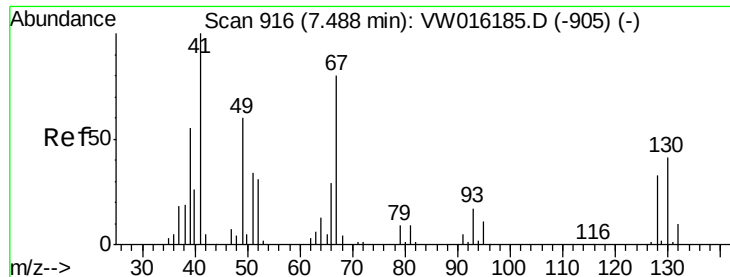
77 24.4 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 22.428 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

Tot Ion: 41 Resp: 15492

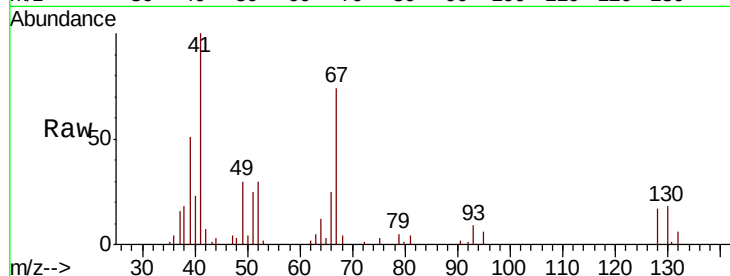
Ion Ratio Lower Upper

41 100

39 52.9 43.4 65.2

67 74.9 61.5 92.3

52 30.7 24.3 36.5



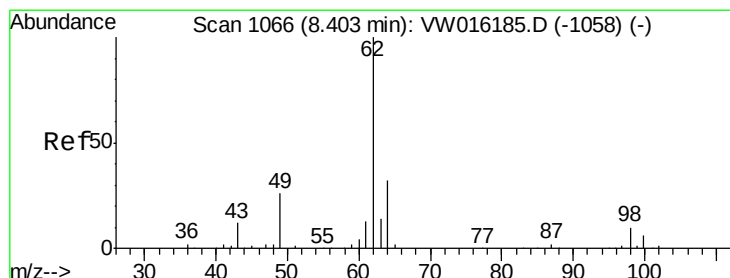
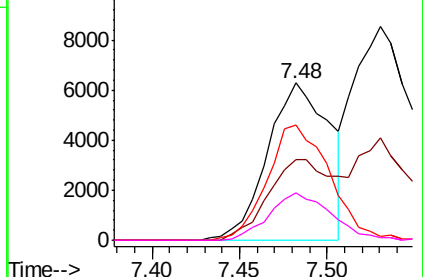
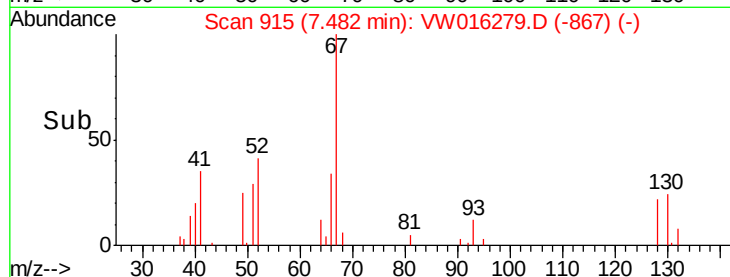
Abundance Ion 41.00 (40.70 to 41.70): VW

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

Time-->



#42

1,2-Dichloroethane

Concen: 20.871 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW016279.D

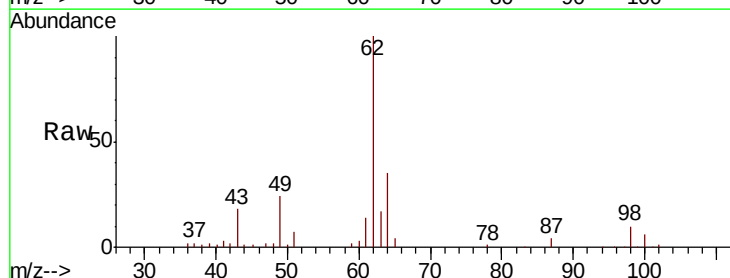
Acq: 20 Aug 2020 23:29

Tgt Ion: 62 Resp: 54740

Ion Ratio Lower Upper

62 100

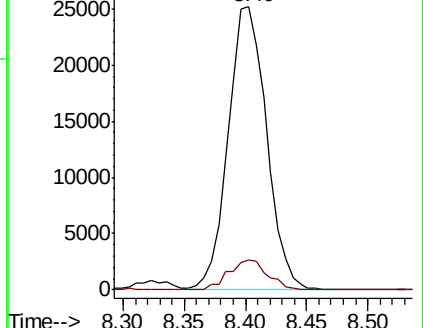
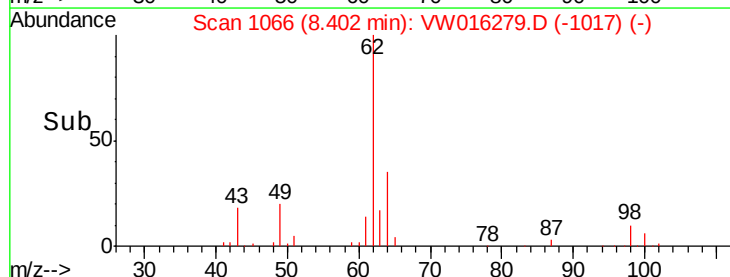
98 10.7 0.0 20.8

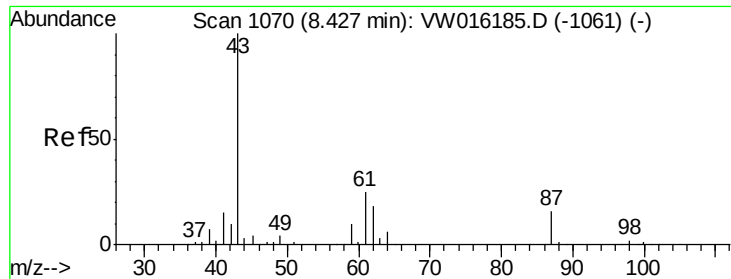


Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

Time-->





#43

Isopropyl Acetate

Concen: 20.594 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

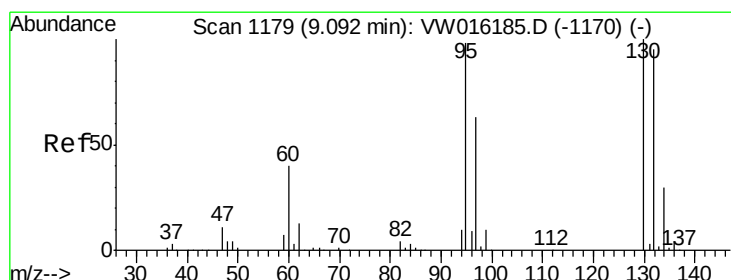
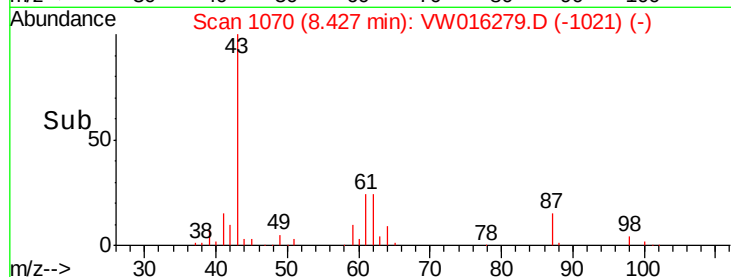
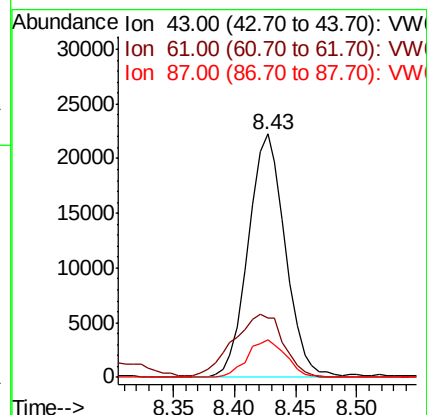
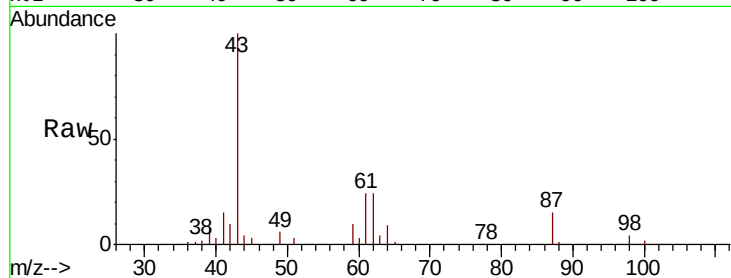
Tot Ion: 43 Resp: 46891

Ion Ratio Lower Upper

43 100

61 35.5 26.9 40.3

87 16.2 12.0 18.0



#44

Trichloroethene

Concen: 18.758 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW016279.D

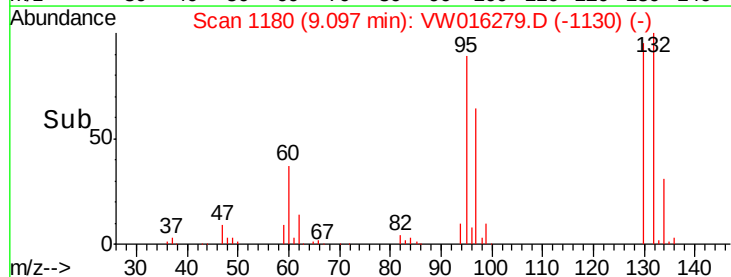
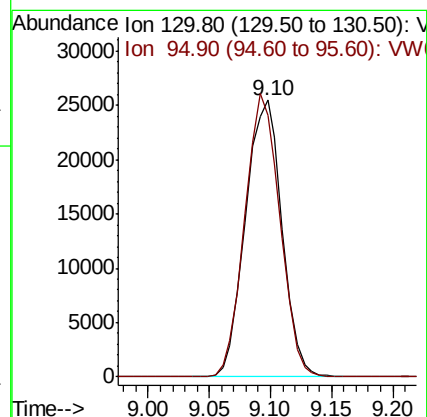
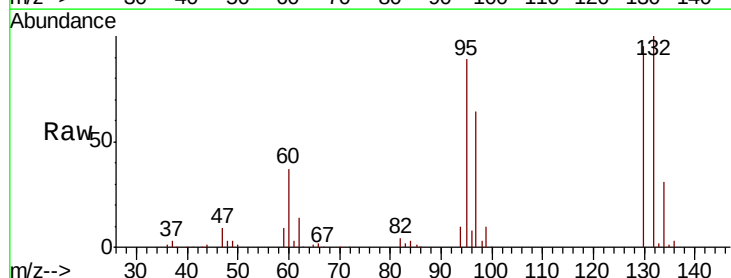
Acq: 20 Aug 2020 23:29

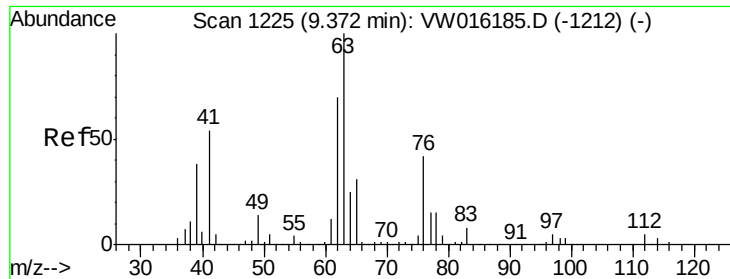
Tgt Ion:130 Resp: 52758

Ion Ratio Lower Upper

130 100

95 94.5 0.0 196.4

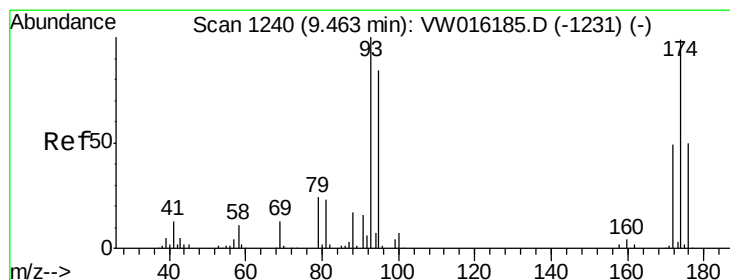
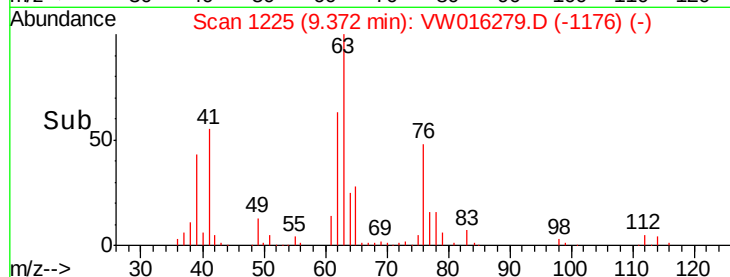
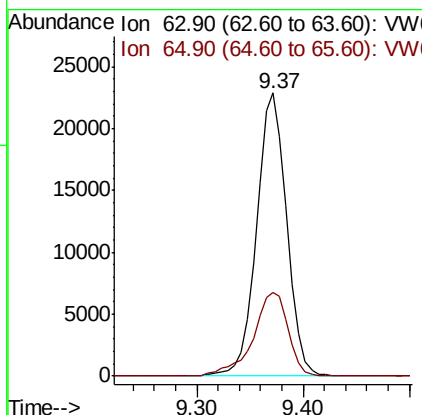
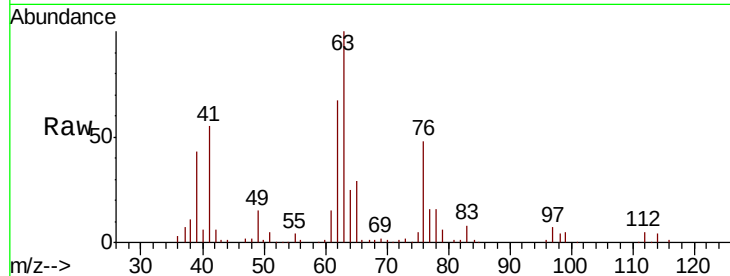




#45
 1,2-Dichloropropane
 Concen: 19.278 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

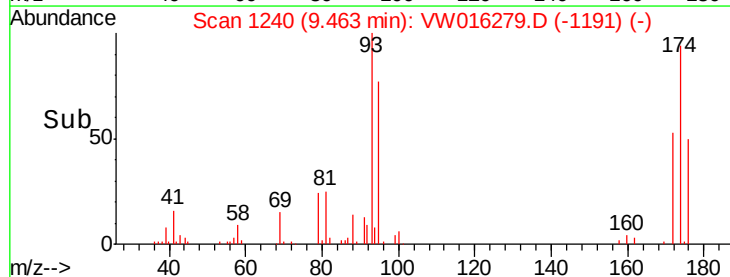
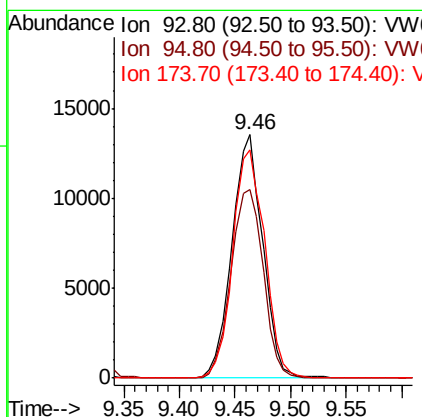
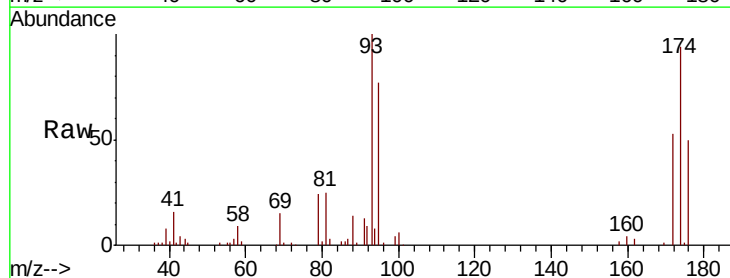
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

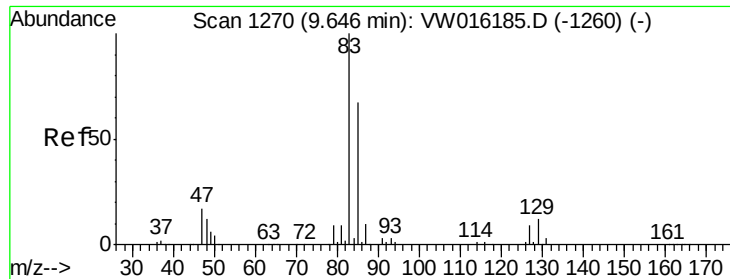
Tot Ion: 63 Resp: 45128
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.0 37.6



#46
 Dibromomethane
 Concen: 21.057 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion: 93 Resp: 25878
 Ion Ratio Lower Upper
 93 100
 95 81.2 65.9 98.9
 174 97.6 77.0 115.6

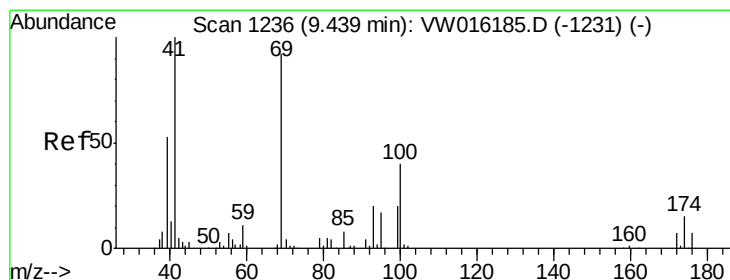
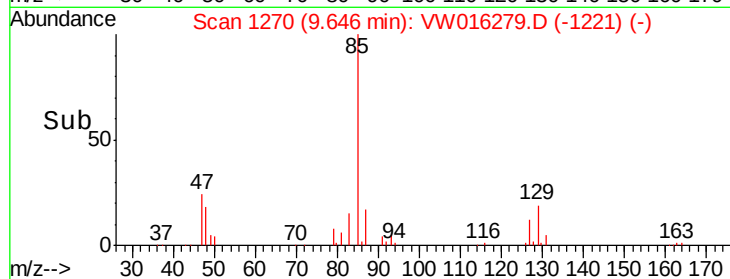
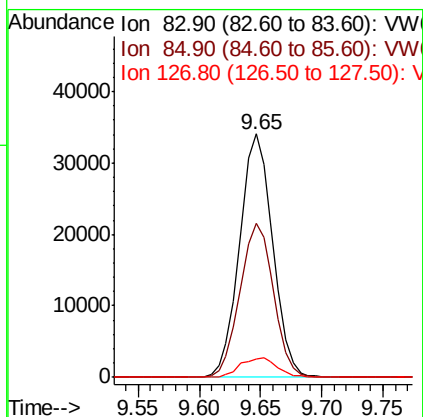
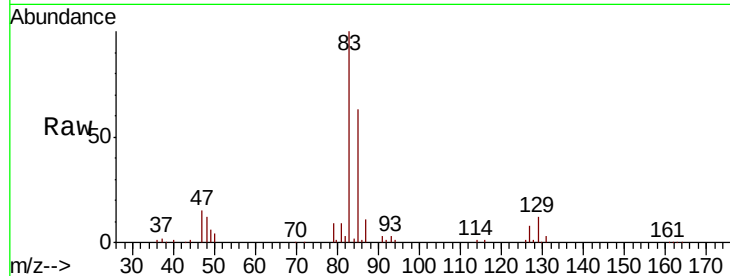




#47
Bromodichloromethane
Concen: 20.157 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

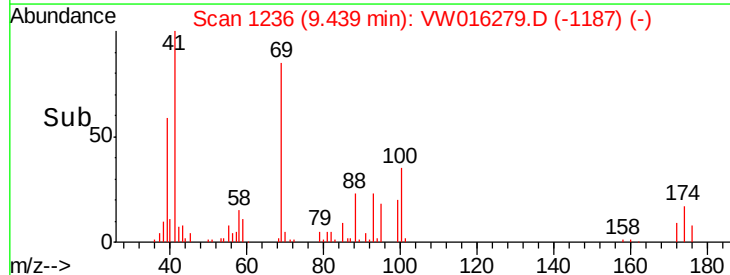
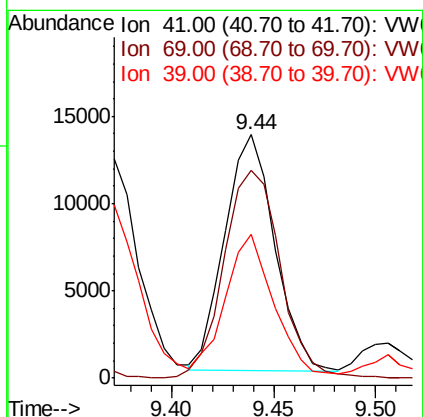
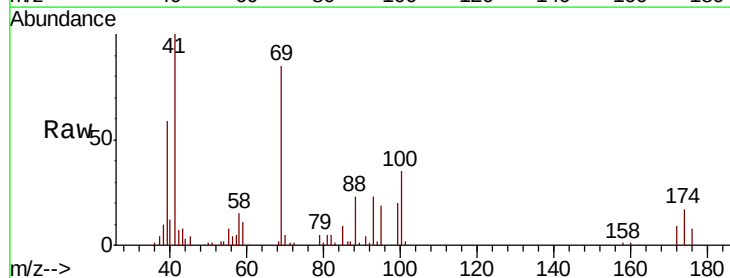
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

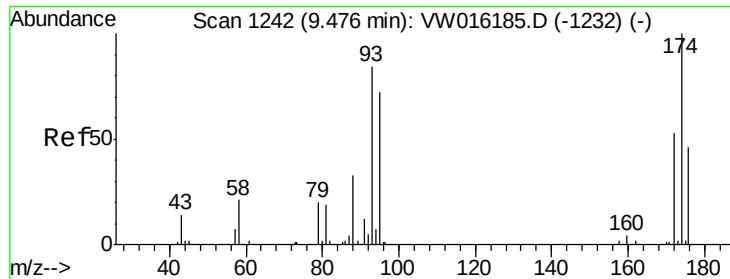
Tot Ion	83	Resp	64004
Ion	Ratio	Lower	Upper
83	100		
85	63.3	53.3	79.9
127	7.6	7.4	11.2



#48
Methyl methacrylate
Concen: 21.744 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion	41	Resp	23016
Ion	Ratio	Lower	Upper
41	100		
69	99.6	77.4	116.0
39	56.0	42.2	63.2

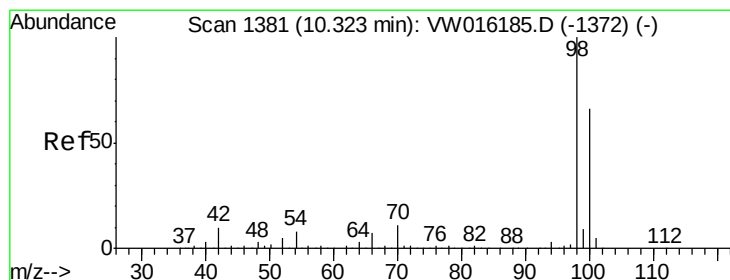
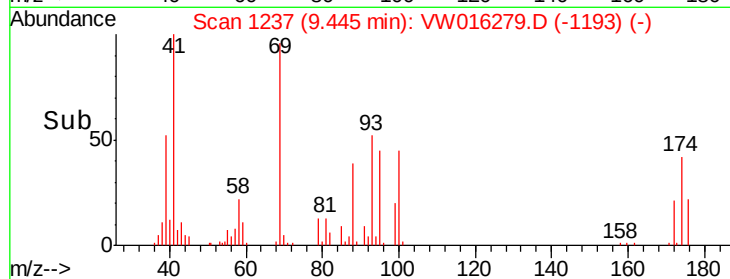
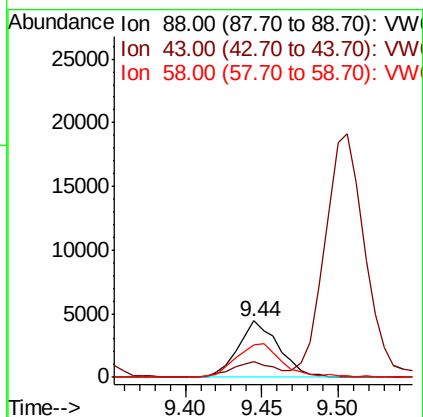
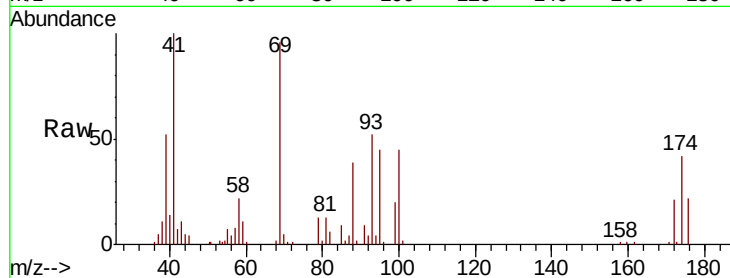




#49
 1,4-Dioxane
 Concen: 529.229 ug/l
 RT: 9.44 min Scan# 1237
 Delta R.T. -0.03 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

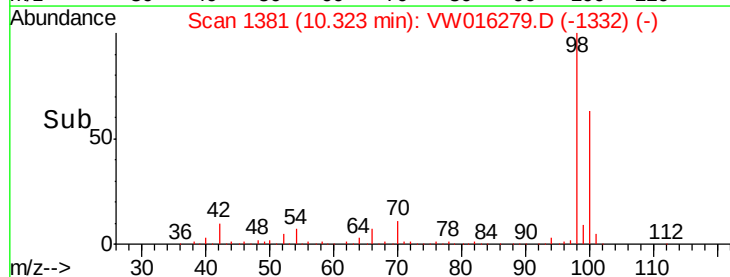
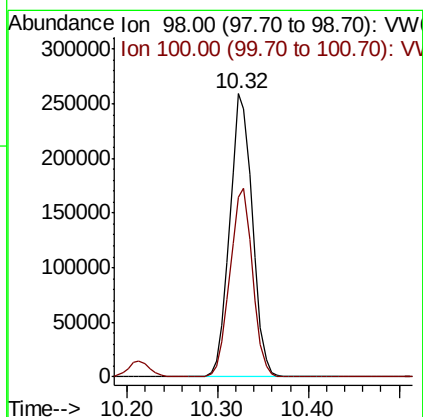
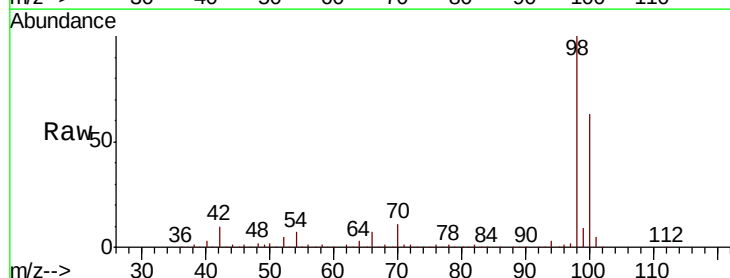
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

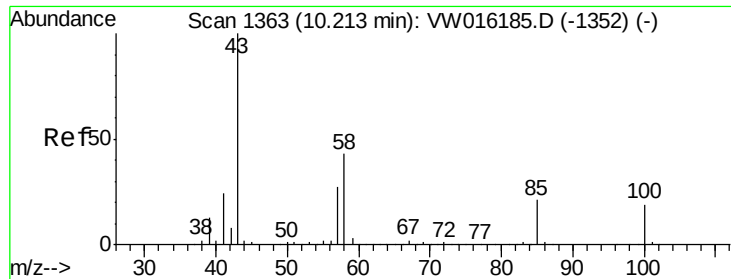
Tot Ion: 88 Resp: 8190
 Ion Ratio Lower Upper
 88 100
 43 30.9 0.0 0.0#
 58 68.3 56.6 84.8



#50
 Toluene-d8
 Concen: 52.426 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion: 98 Resp: 448660
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.5 80.3

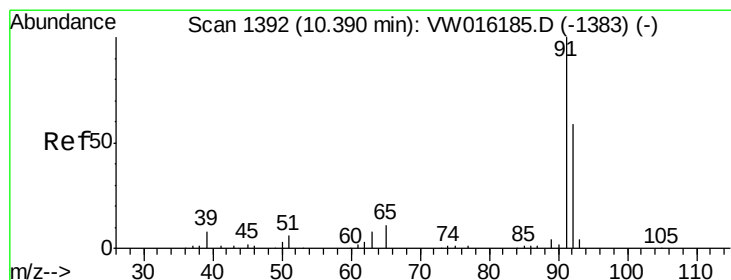
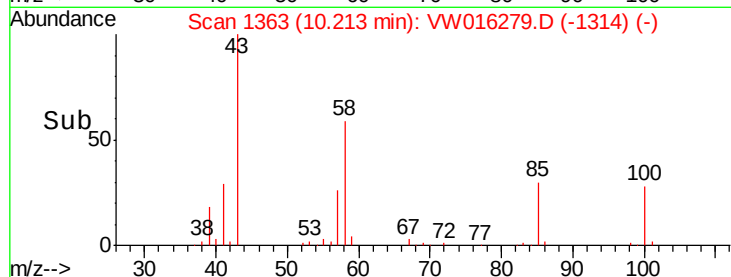
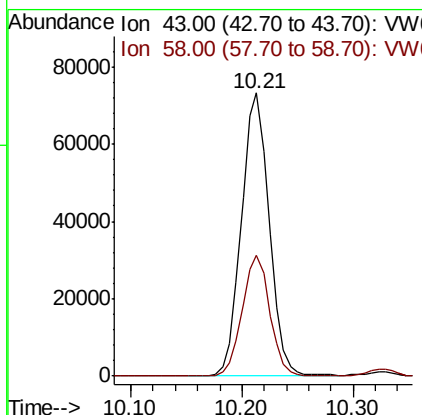
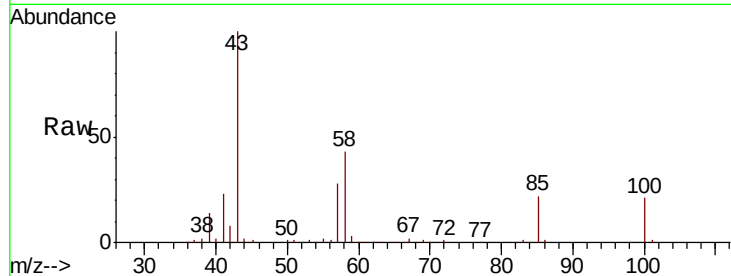




#51
4-Methyl-2-Pentanone
Concen: 110.417 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

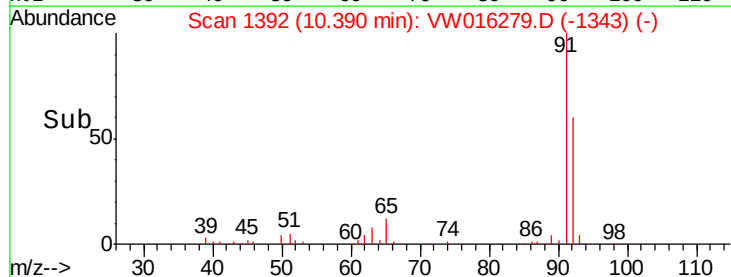
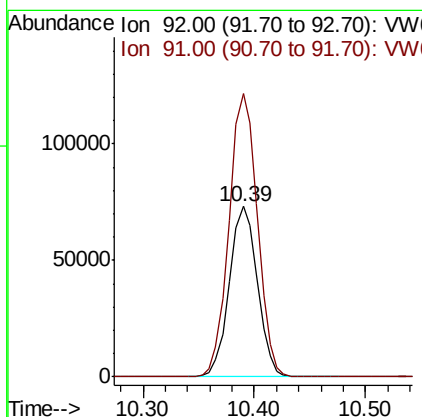
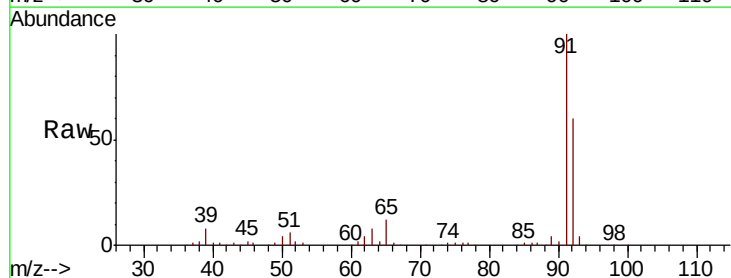
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

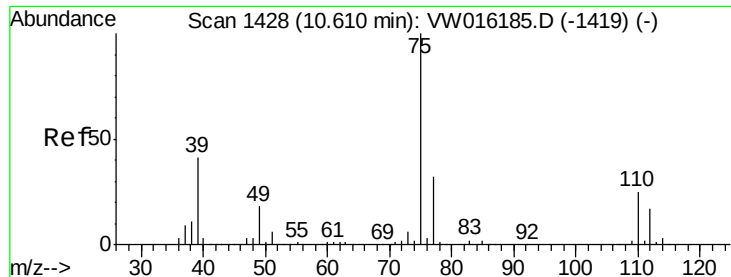
Tot Ion: 43 Resp: 127159
Ion Ratio Lower Upper
43 100
58 42.3 33.7 50.5



#52
Toluene
Concen: 20.069 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion: 92 Resp: 127617
Ion Ratio Lower Upper
92 100
91 168.2 133.3 199.9





#53

t-1,3-Dichloropropene

Concen: 20.821 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

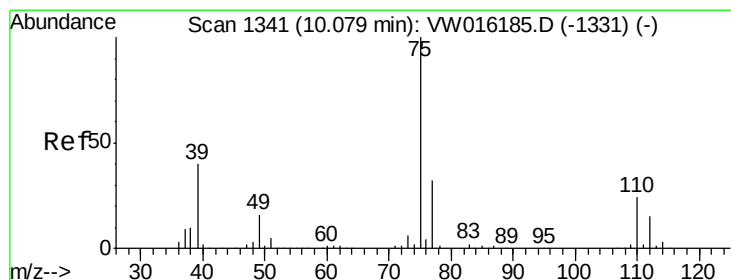
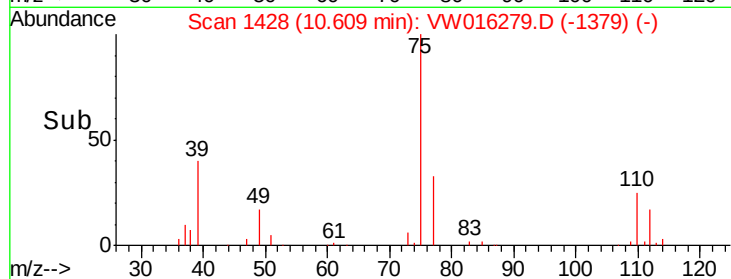
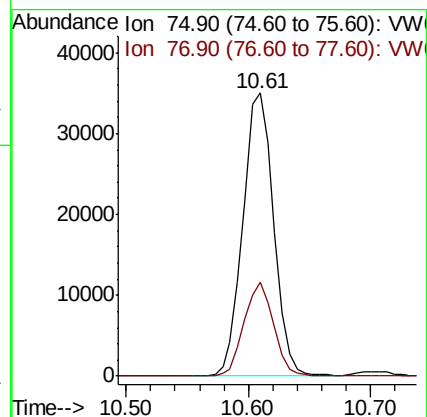
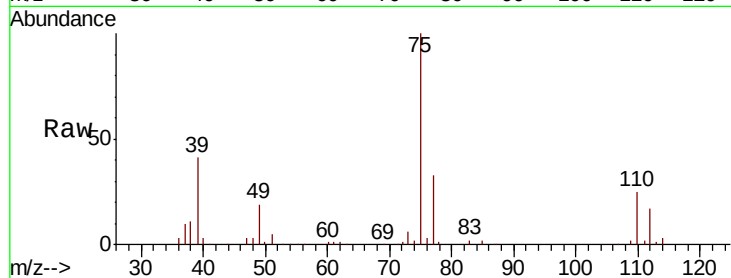
VW0821SBS01

Tot Ion: 75 Resp: 61213

Ion Ratio Lower Upper

75 100

77 33.2 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 19.767 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

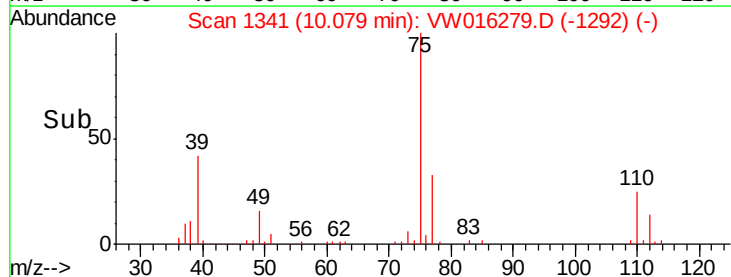
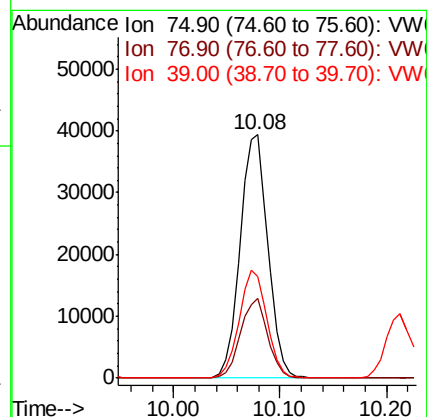
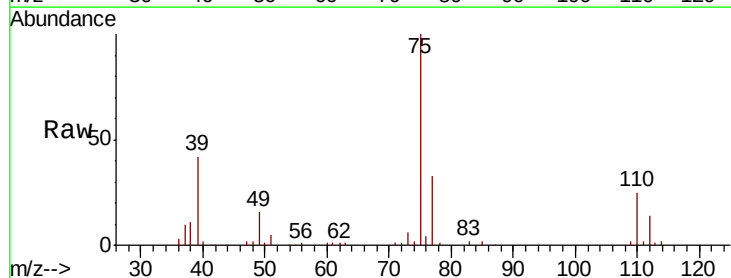
Tgt Ion: 75 Resp: 72229

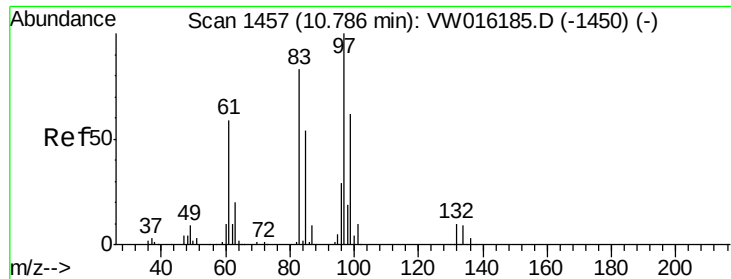
Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9

39 41.7 32.3 48.5

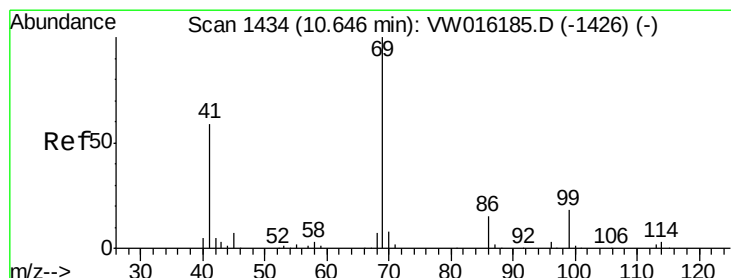
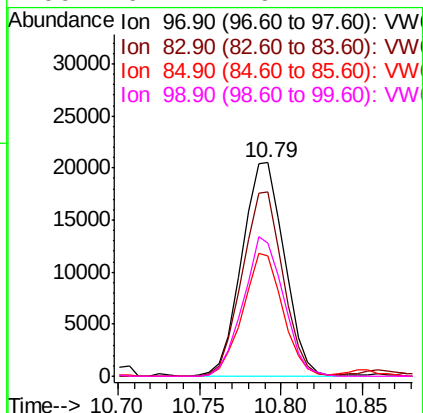
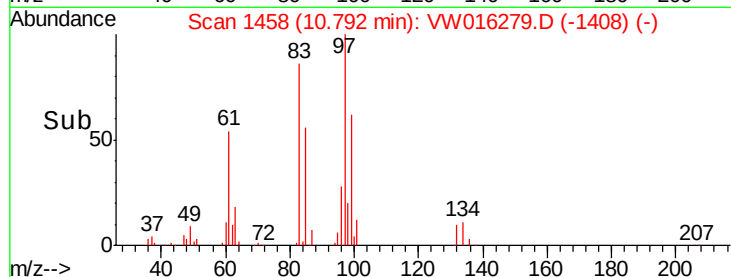
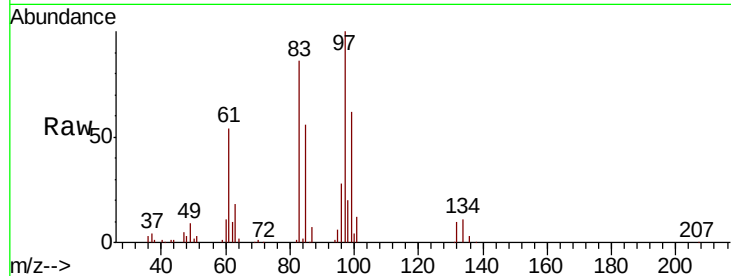




#55
 1,1,2-Trichloroethane
 Concen: 21.163 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

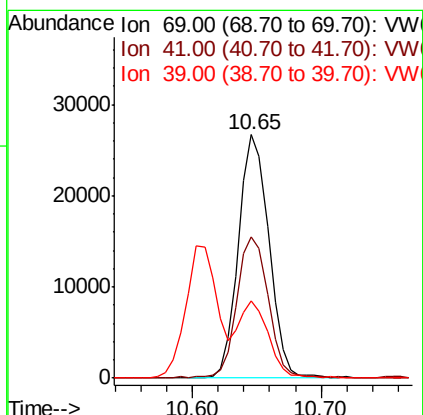
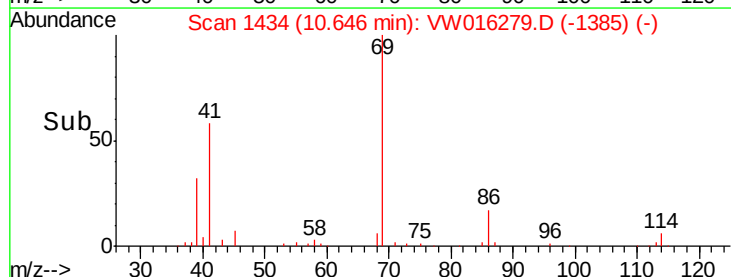
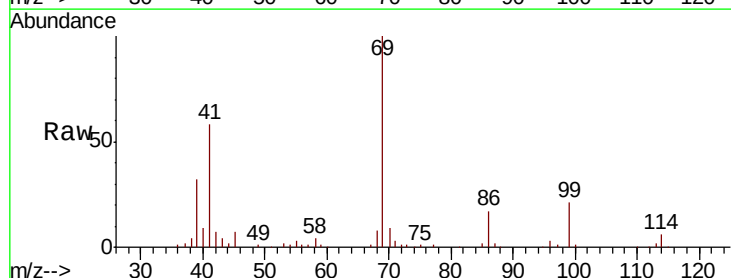
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

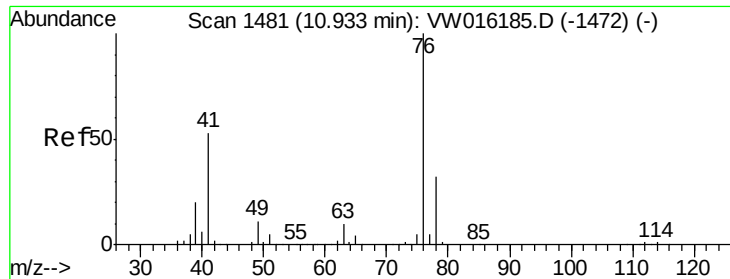
Tot Ion:	97	Resp:	37319
Ion	Ratio	Lower	Upper
97	100		
83	86.5	66.6	100.0
85	56.5	43.0	64.4
99	62.2	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 21.844 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion:	69	Resp:	43928
Ion	Ratio	Lower	Upper
69	100		
41	60.6	47.6	71.4
39	30.7	24.6	36.8

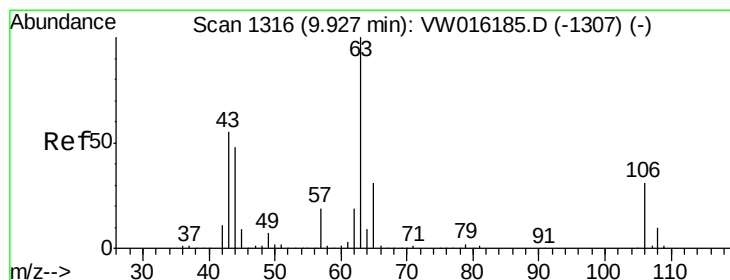
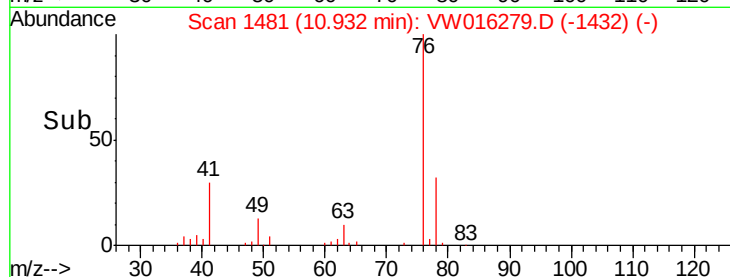
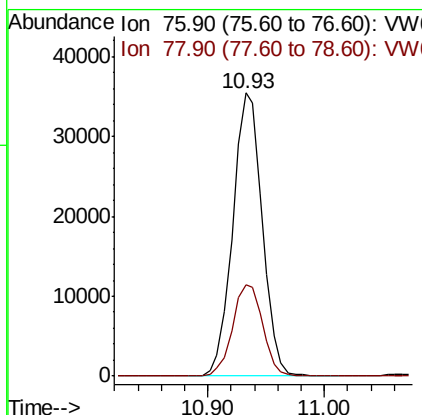
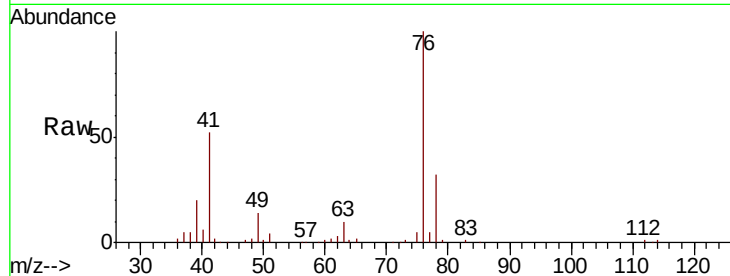




#57
 1,3-Dichloropropane
 Concen: 20.775 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

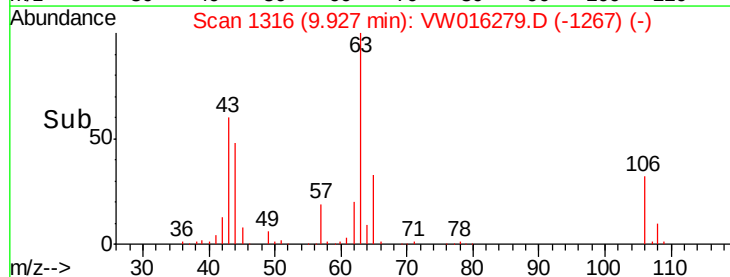
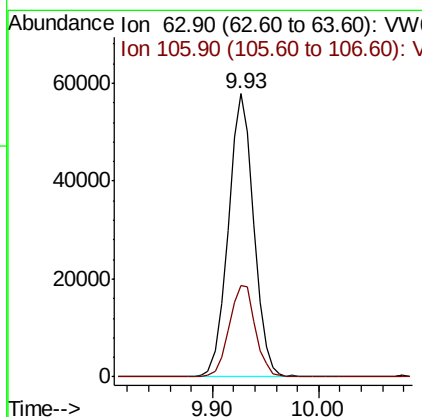
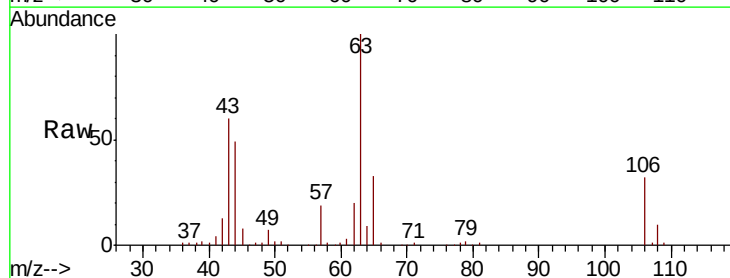
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

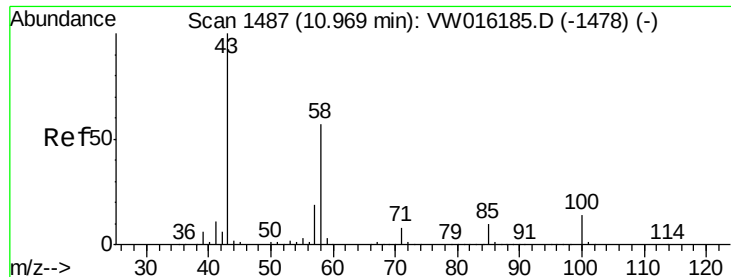
Tot Ion: 76 Resp: 62331
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.455 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion: 63 Resp: 96688
 Ion Ratio Lower Upper
 63 100
 106 33.2 24.9 37.3

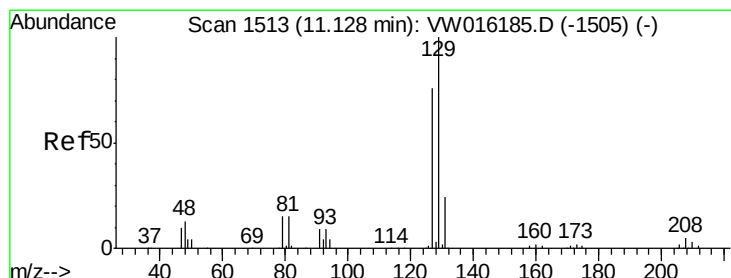
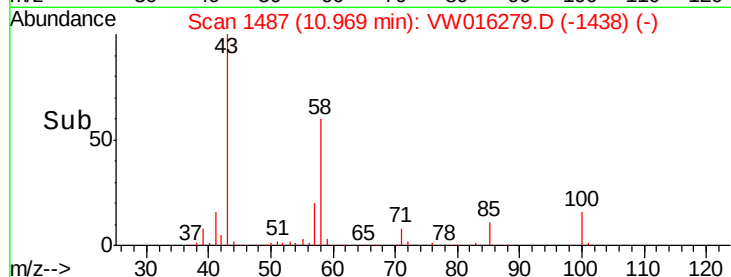
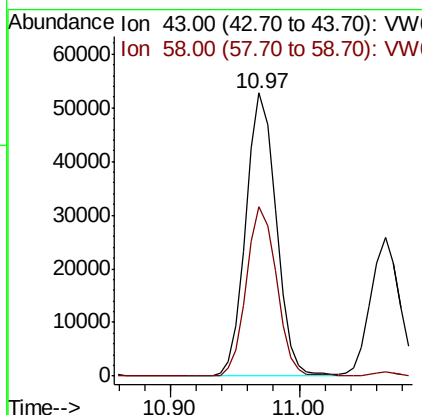
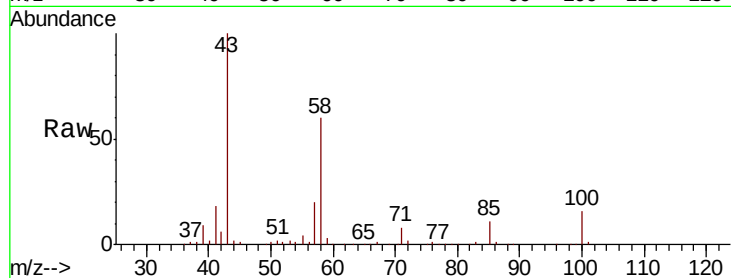




#59
2-Hexanone
Concen: 109.070 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

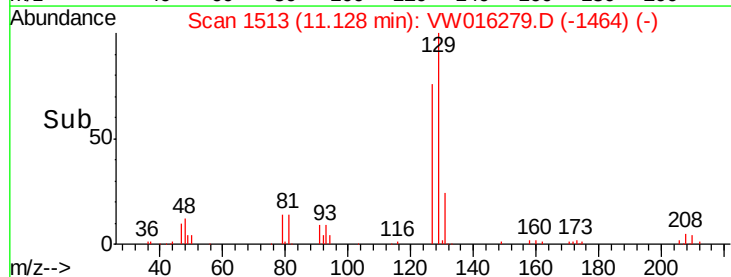
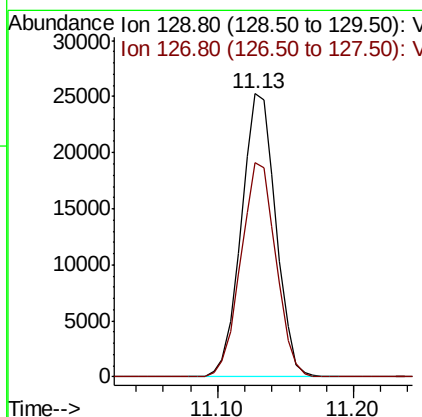
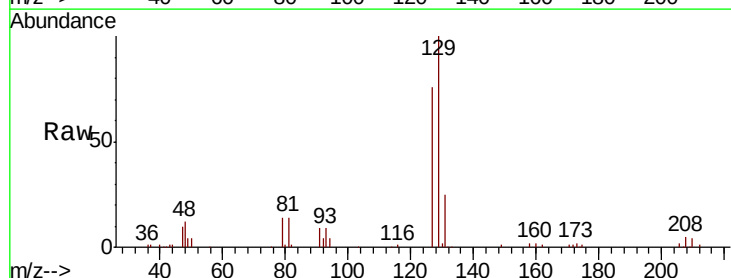
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

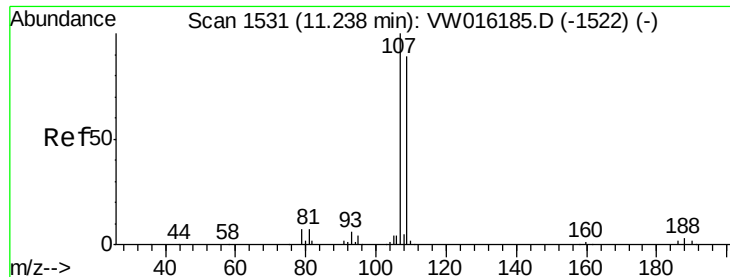
Tot Ion: 43 Resp: 85929
Ion Ratio Lower Upper
43 100
58 59.6 28.8 86.5



#60
Dibromochloromethane
Concen: 21.314 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion: 129 Resp: 44712
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.8

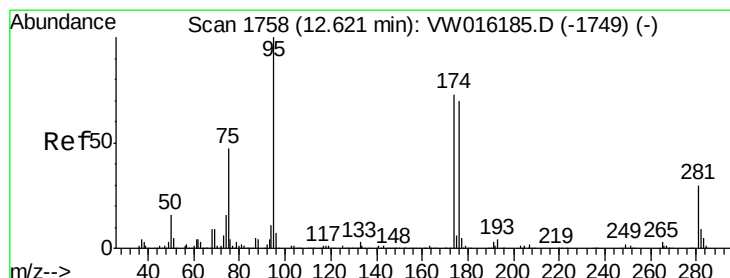
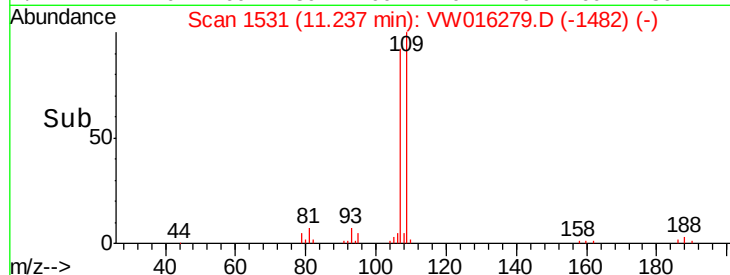
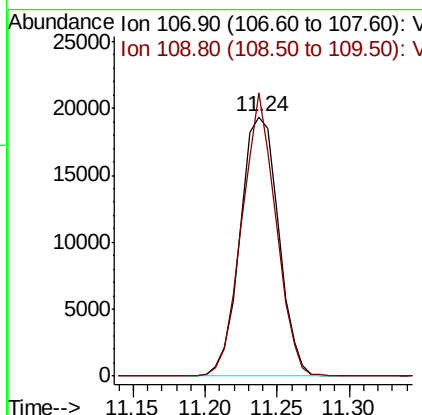
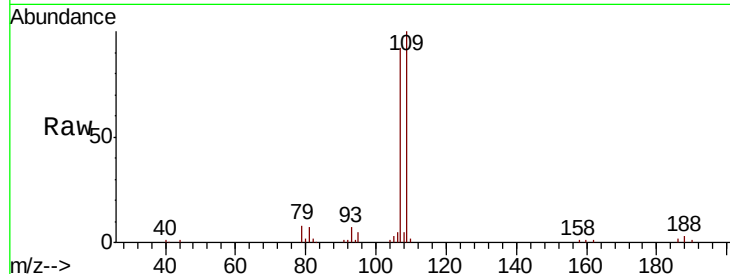




#61
 1,2-Dibromoethane
 Concen: 21.078 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

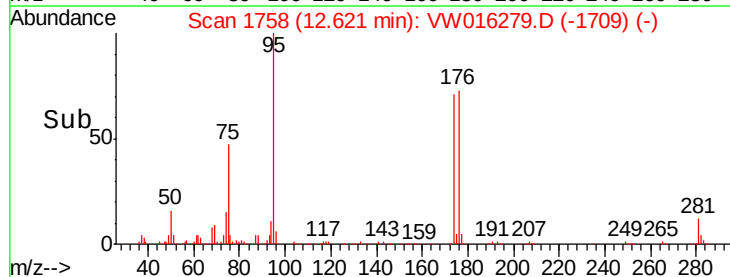
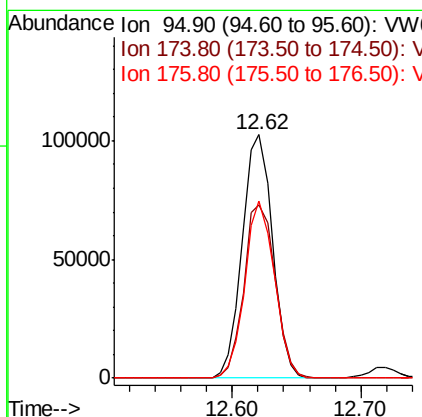
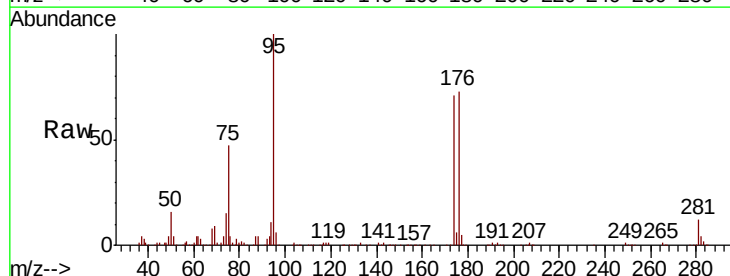
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

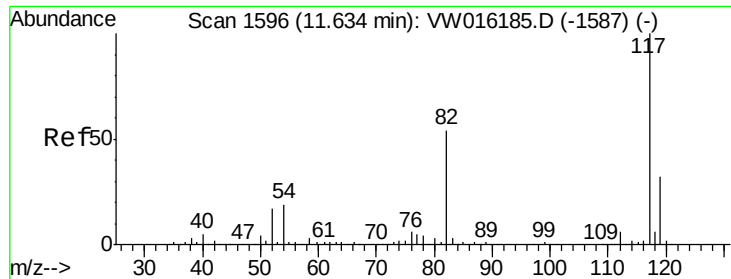
Tot Ion:107 Resp: 35780
 Ion Ratio Lower Upper
 107 100
 109 96.5 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 54.317 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion: 95 Resp: 166160
 Ion Ratio Lower Upper
 95 100
 174 73.9 0.0 145.6
 176 71.1 0.0 137.8

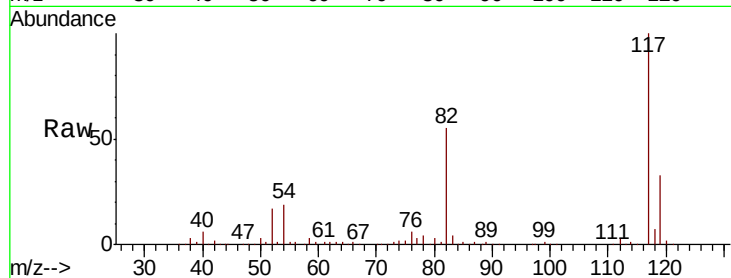




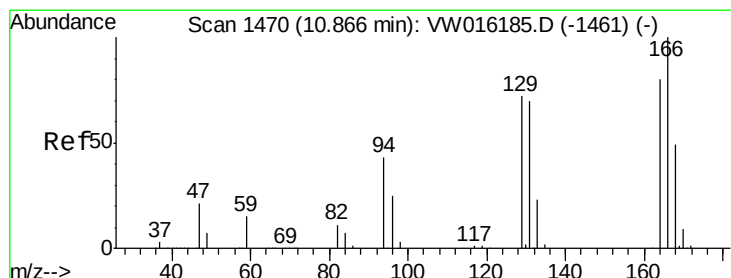
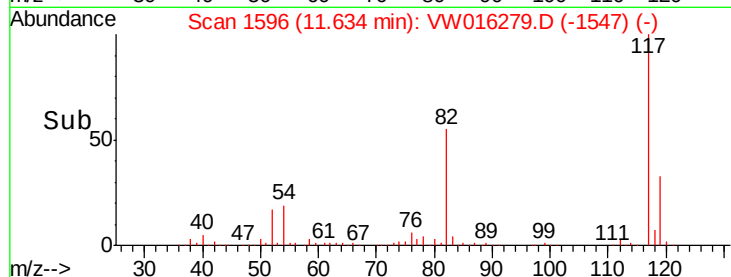
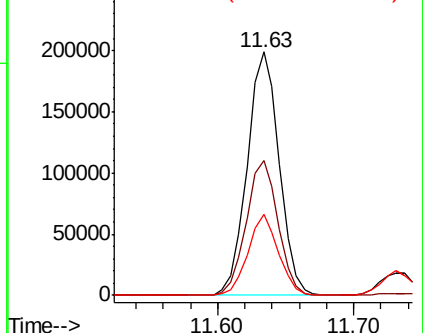
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

Tot Ion:117 Resp: 327525
Ion Ratio Lower Upper
117 100
82 55.2 43.6 65.4
119 33.1 25.4 38.0

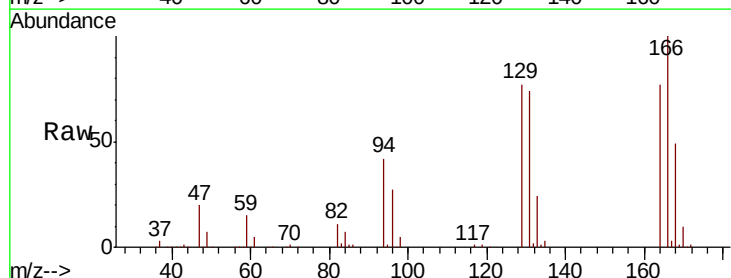


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

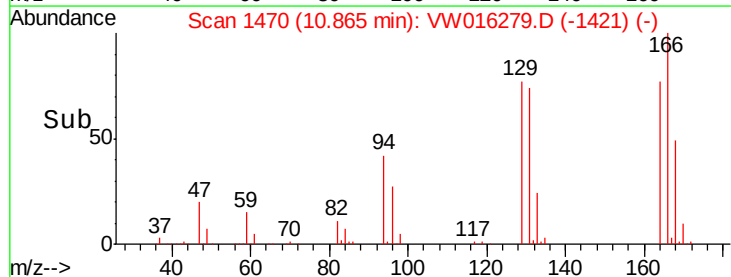
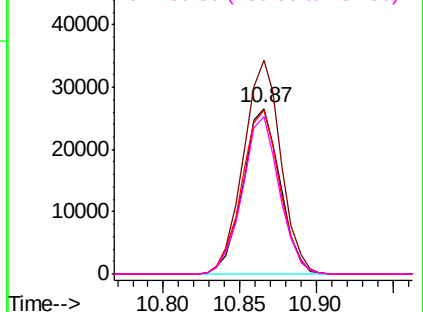


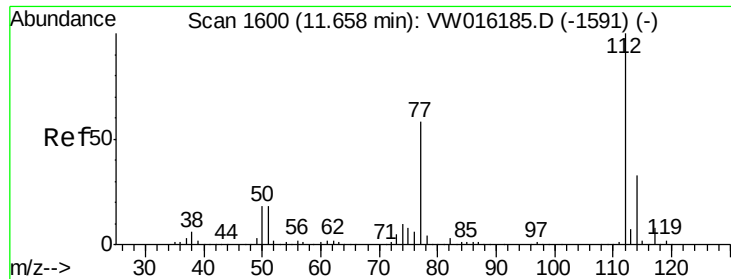
#64
Tetrachloroethene
Concen: 20.892 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion:164 Resp: 44898
Ion Ratio Lower Upper
164 100
166 129.3 100.3 150.5
129 99.2 72.2 108.4
131 95.4 70.7 106.1



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

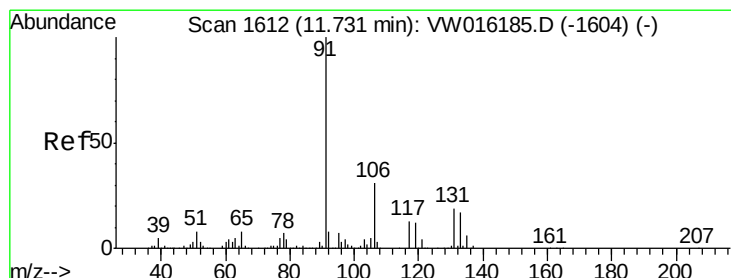
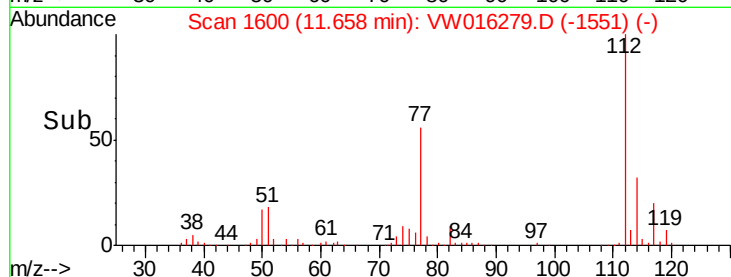
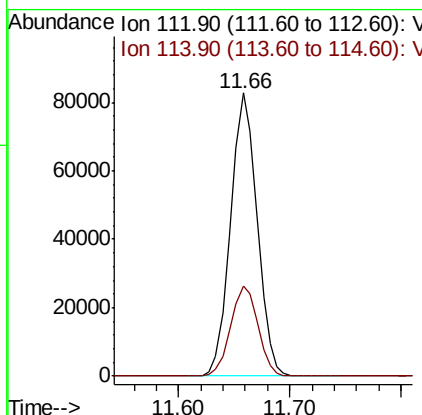
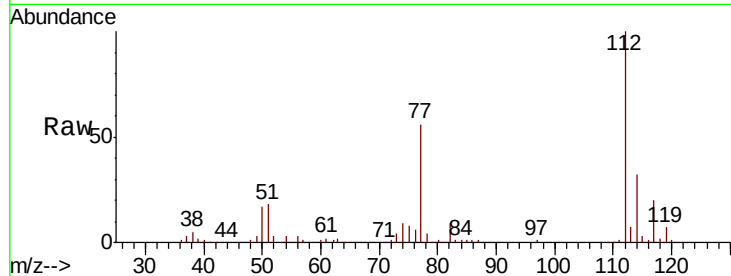




#65
Chlorobenzene
Concen: 20.363 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

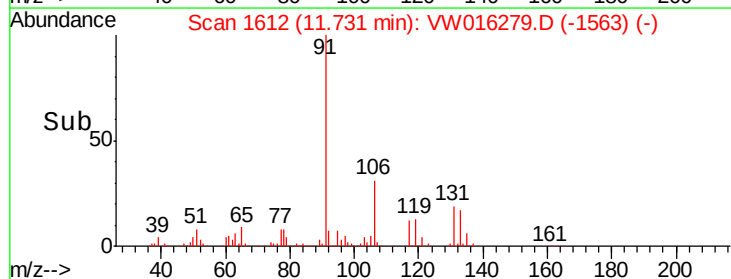
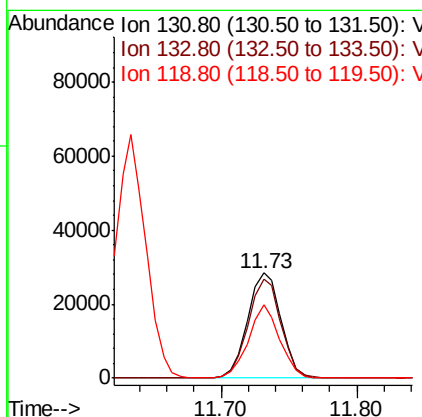
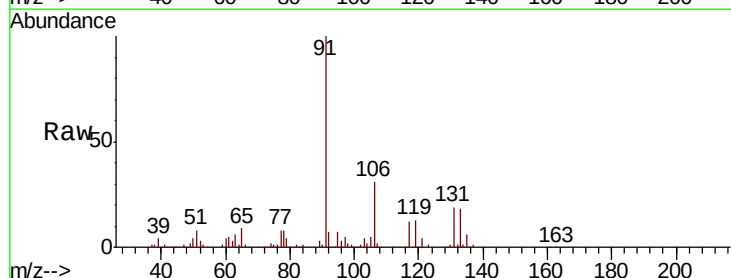
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

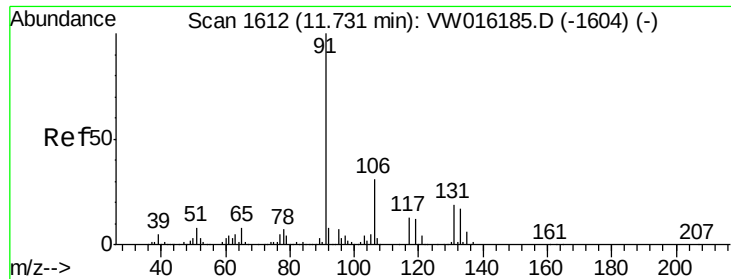
Tot Ion:112 Resp: 136696
Ion Ratio Lower Upper
112 100
114 32.0 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.874 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion:131 Resp: 48980
Ion Ratio Lower Upper
131 100
133 92.9 47.1 141.3
119 64.8 33.1 99.3

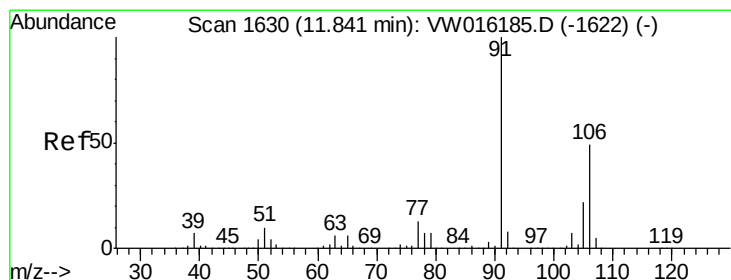
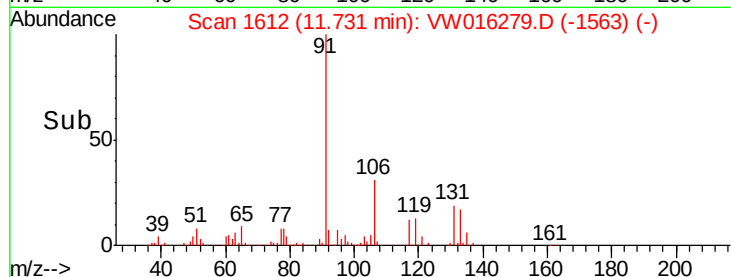
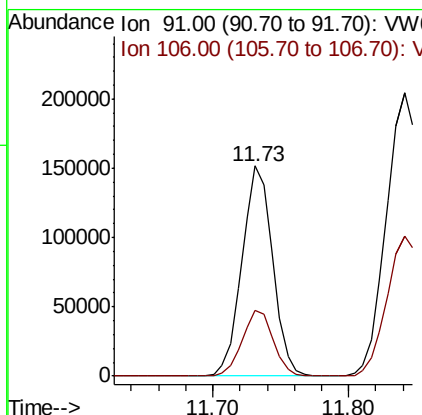
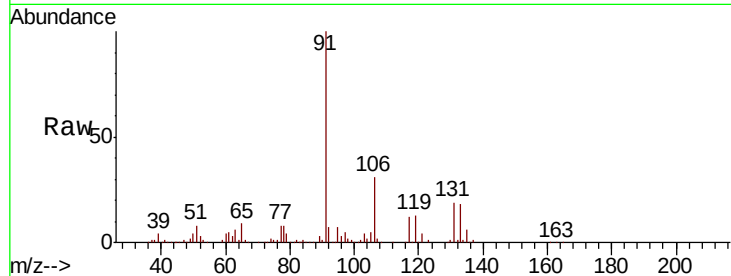




#67
Ethyl Benzene
Concen: 19.861 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

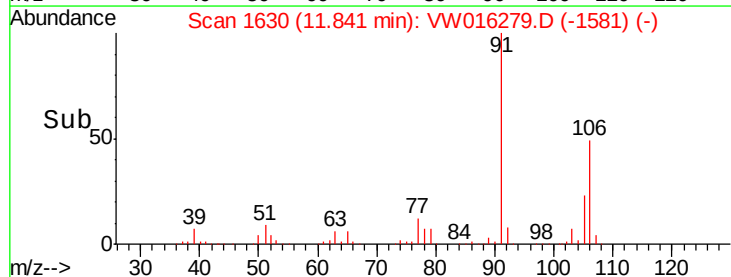
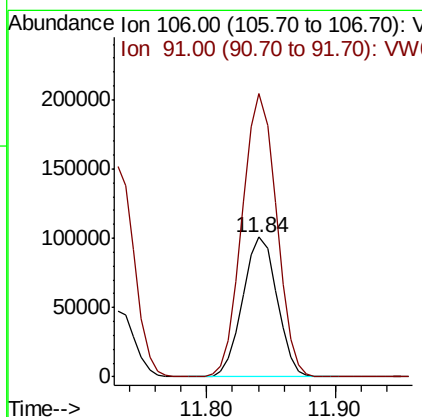
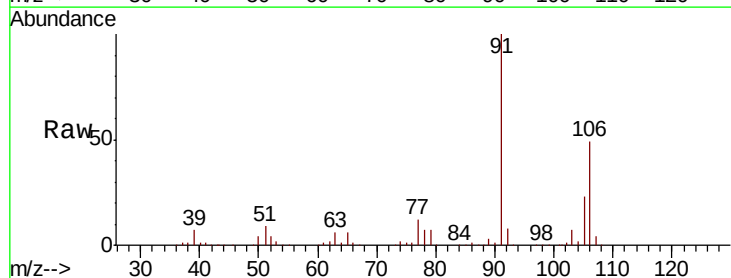
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

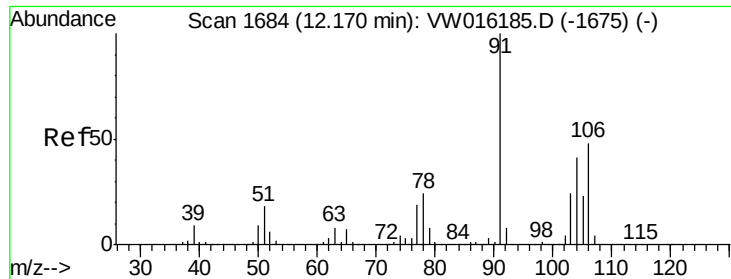
Tot Ion: 91 Resp: 239616
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3



#68
m/p-Xylenes
Concen: 40.267 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion:106 Resp: 186734
Ion Ratio Lower Upper
106 100
91 201.9 161.4 242.2

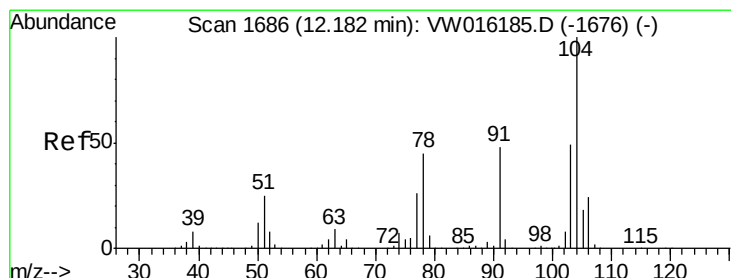
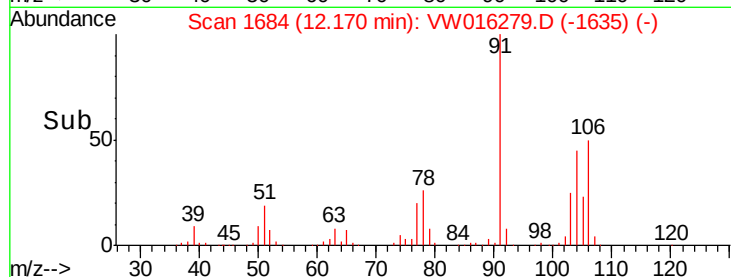
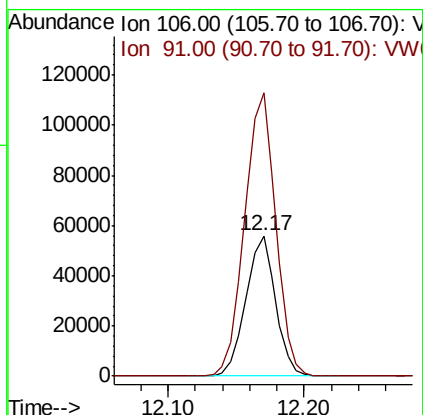
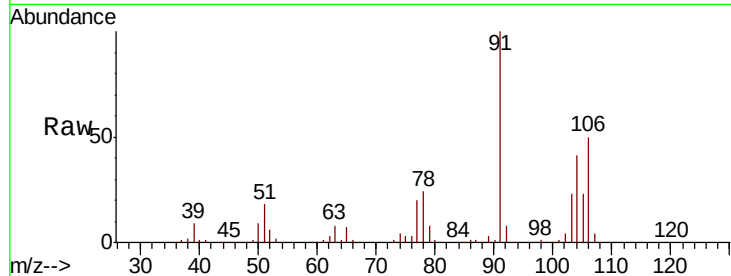




#69
o-Xylene
Concen: 20.762 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

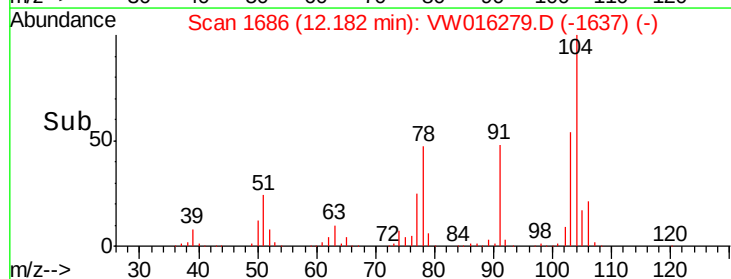
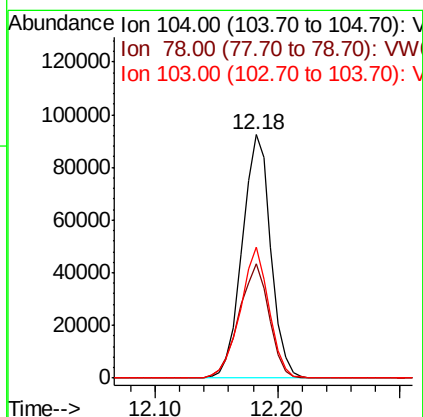
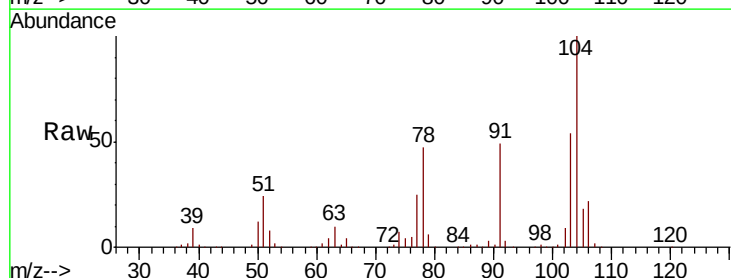
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

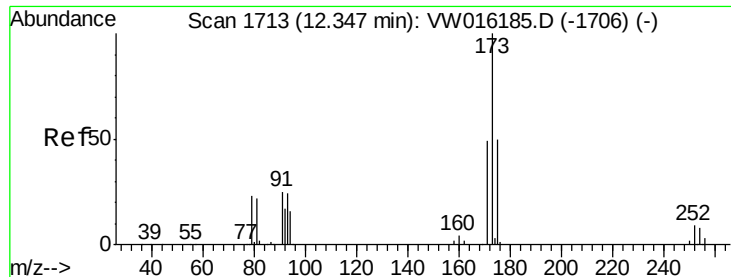
Tot Ion:106 Resp: 85775
Ion Ratio Lower Upper
106 100
91 210.9 106.0 317.9



#70
Styrene
Concen: 20.910 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion:104 Resp: 149486
Ion Ratio Lower Upper
104 100
78 49.5 39.4 59.2
103 54.1 42.9 64.3





#71

Bromoform

Concen: 22.864 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

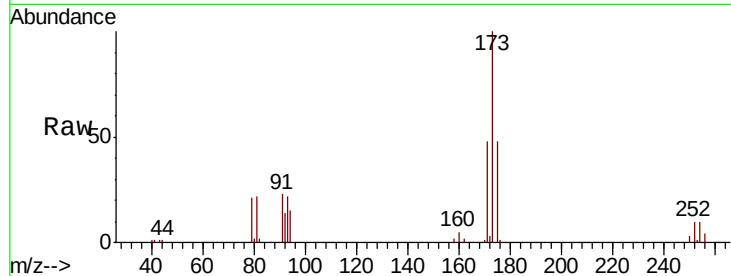
Tot Ion:173 Resp: 24011

Ion Ratio Lower Upper

173 100

175 48.5 24.7 74.1

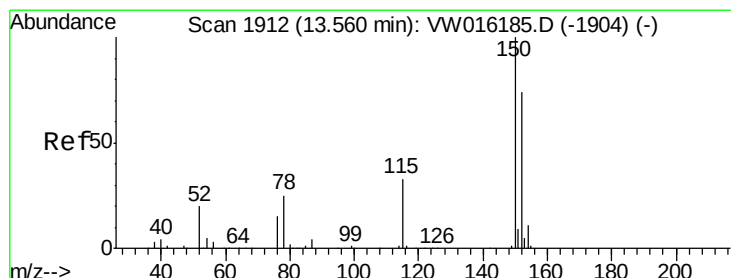
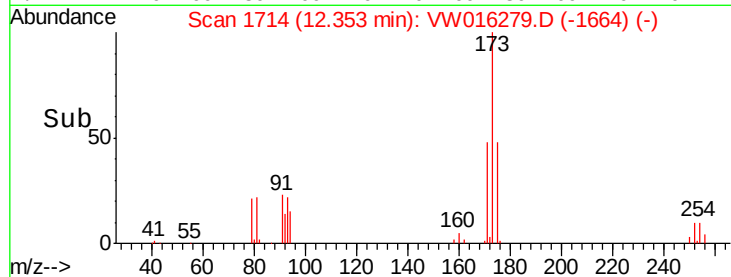
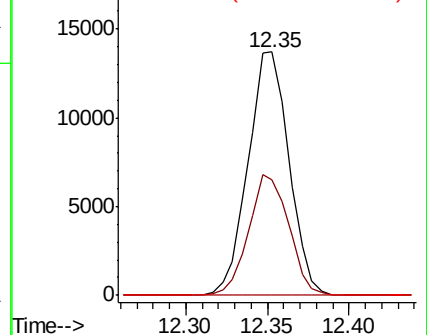
254 0.0 0.0 0.0



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: VW016279.D

Acq: 20 Aug 2020 23:29

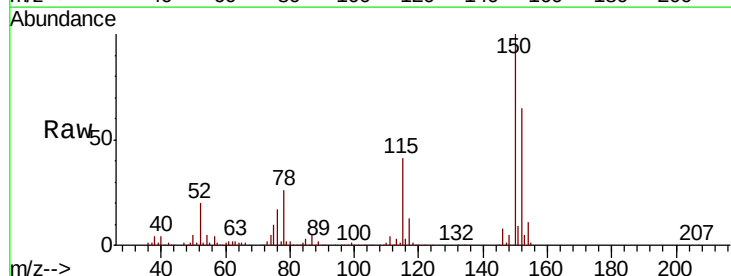
Tgt Ion:152 Resp: 159483

Ion Ratio Lower Upper

152 100

115 62.2 30.9 92.5

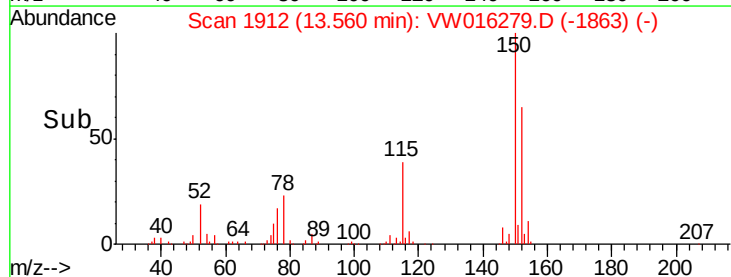
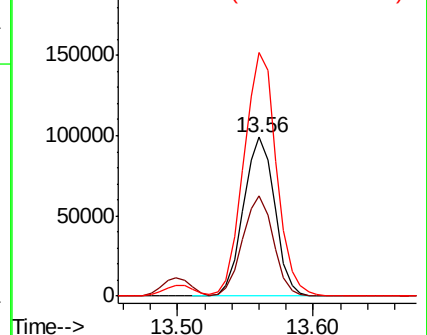
150 159.8 0.0 337.8

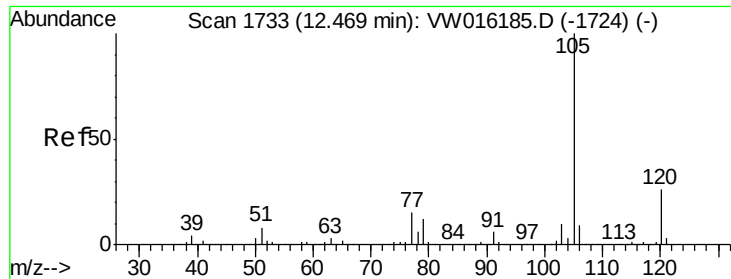


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.438 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

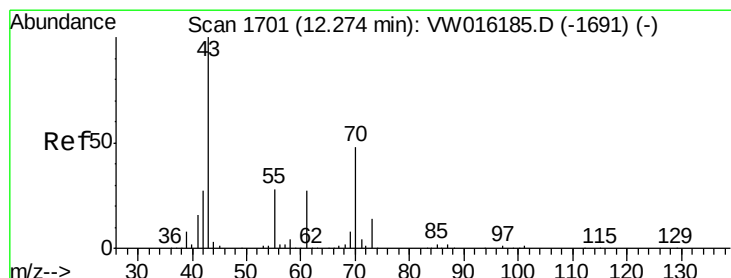
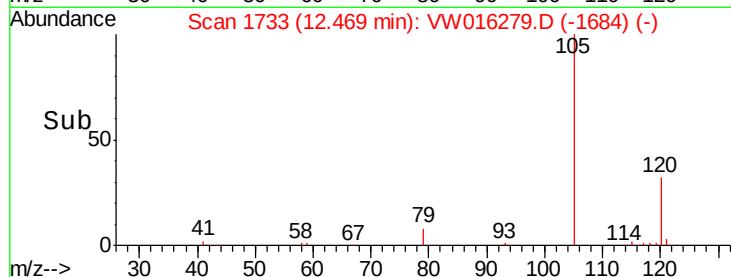
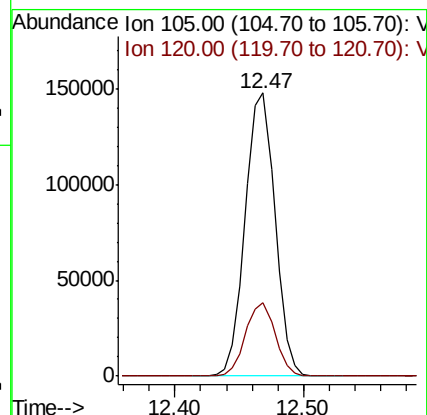
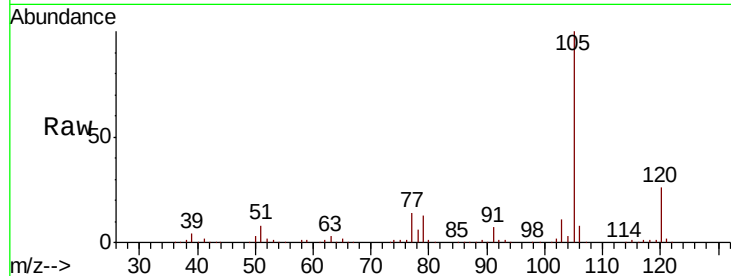
VW0821SBSD01

Tot Ion:105 Resp: 236235

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.6



#74

N-ethyl acetate

Concen: 20.077 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Tgt Ion: 43 Resp: 43697

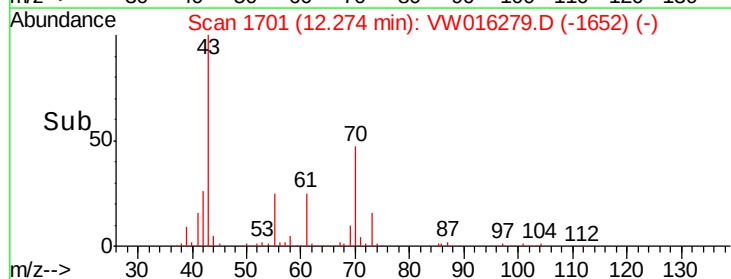
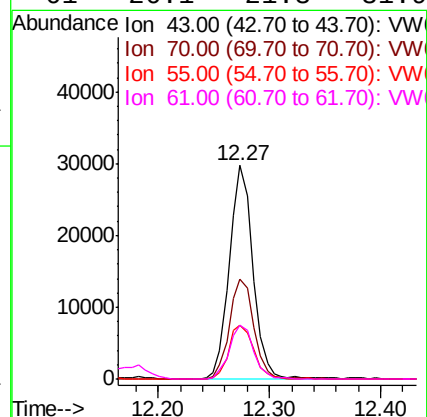
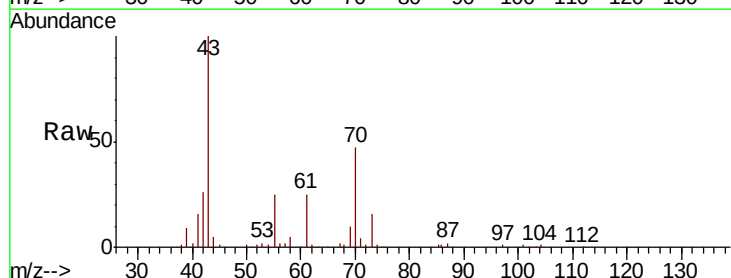
Ion Ratio Lower Upper

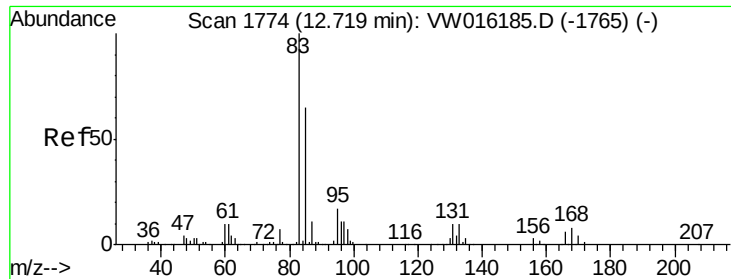
43 100

70 48.7 38.6 58.0

55 26.6 22.2 33.2

61 26.1 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.020 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

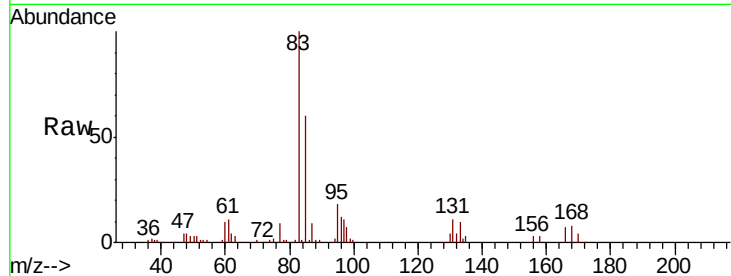
MSVOA_W

ClientSampled :

VW0821SBSD01

Tot Ion: 83 Resp: 42745

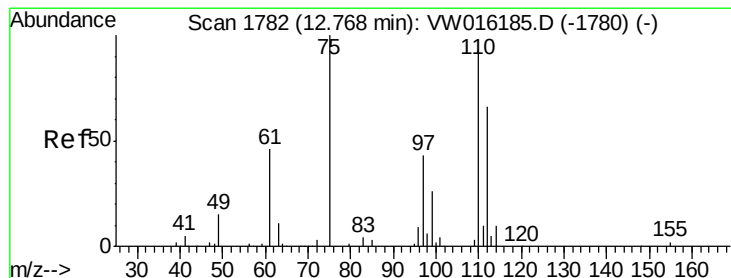
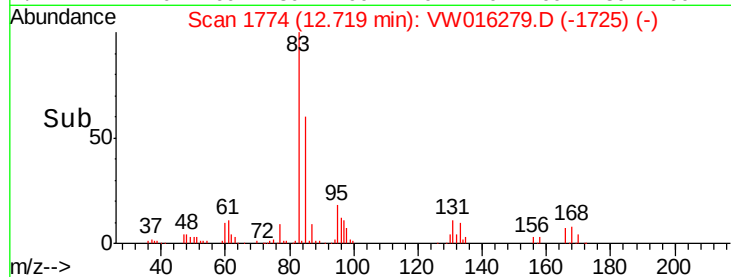
Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.6	16.8
85	62.8	31.3	93.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 36.022 ug/l

RT: 12.77 min Scan# 1782

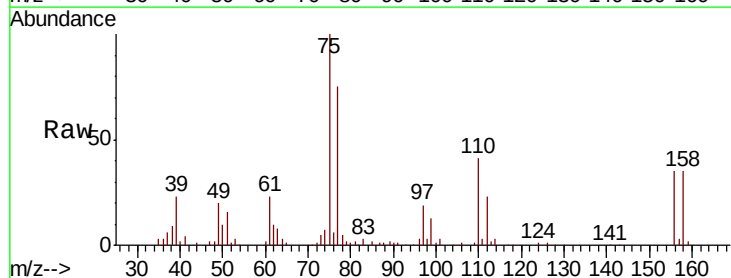
Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

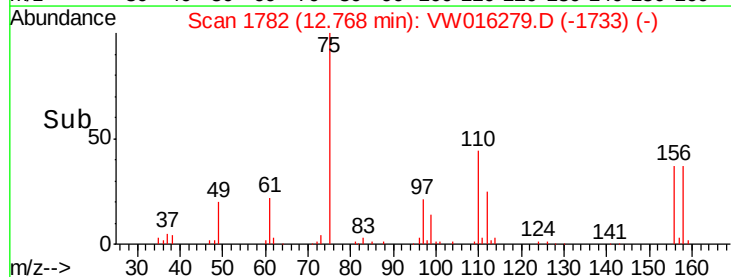
Tgt Ion: 75 Resp: 52834

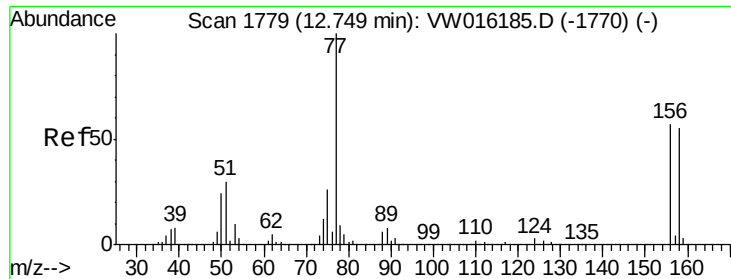
Ion	Ratio	Lower	Upper
75	100		
77	0.0	173.6	520.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.280 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

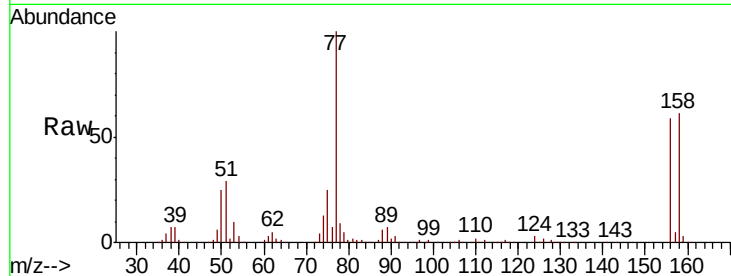
Tot Ion:156 Resp: 54514

Ion Ratio Lower Upper

156 100

77 186.7 97.9 293.6

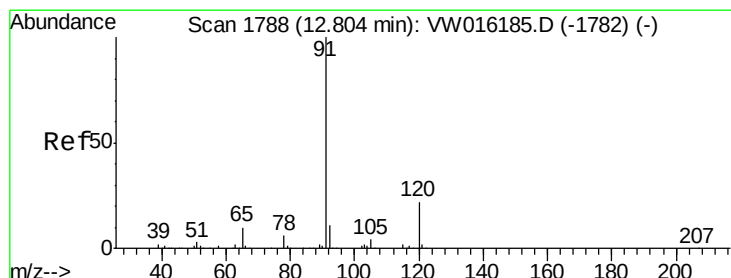
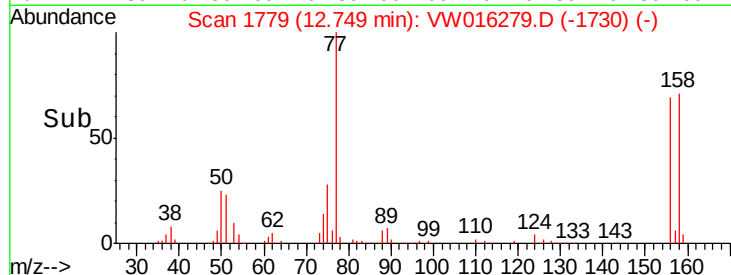
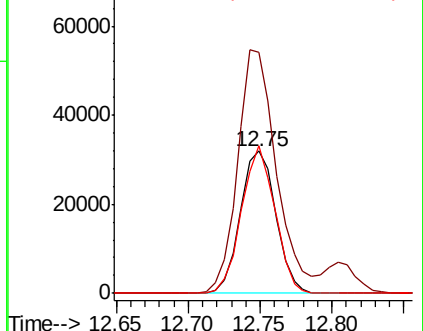
158 97.4 49.0 147.2



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: 19.176 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW016279.D

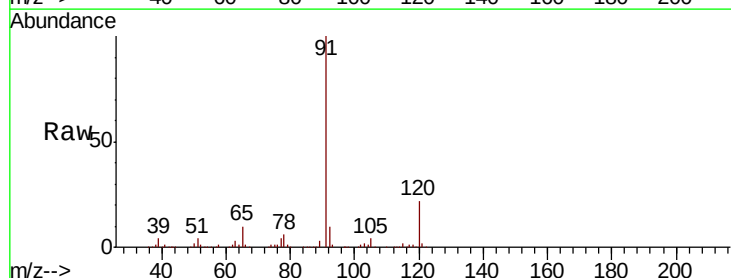
Acq: 20 Aug 2020 23:29

Tgt Ion: 91 Resp: 278170

Ion Ratio Lower Upper

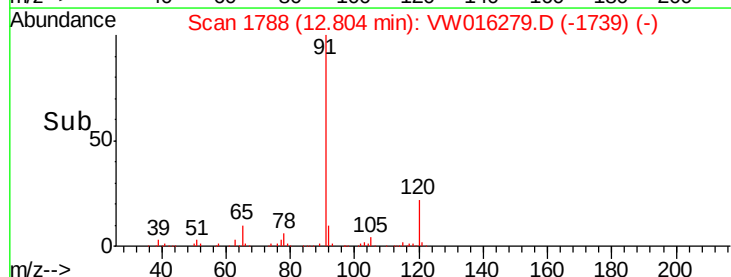
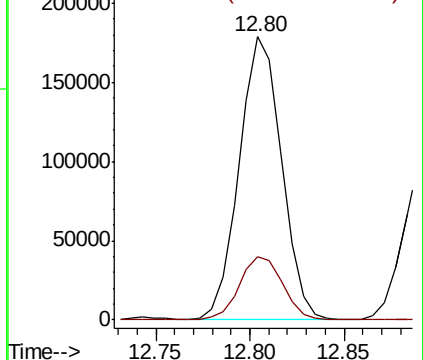
91 100

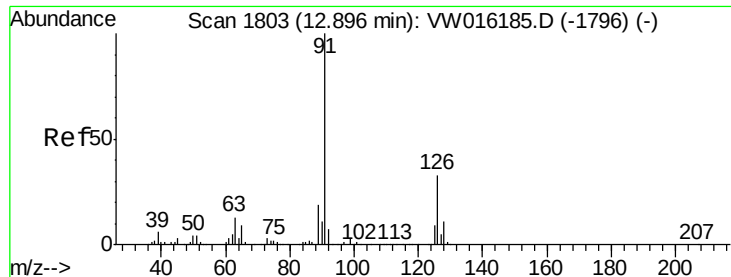
120 22.7 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.592 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

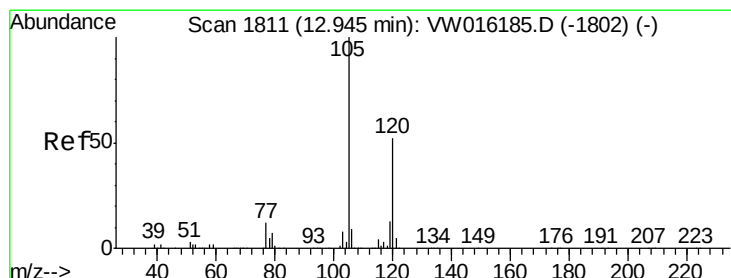
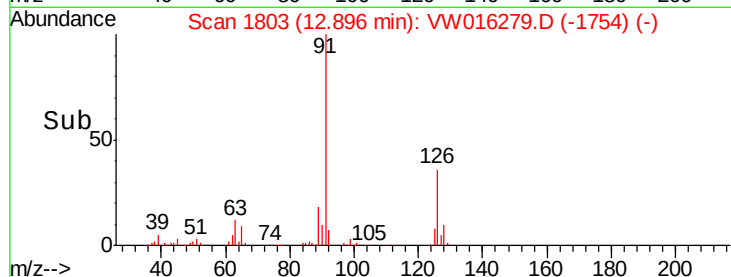
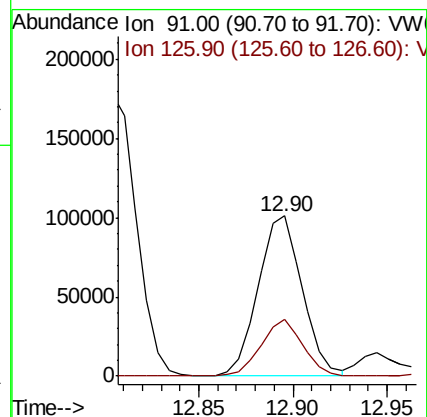
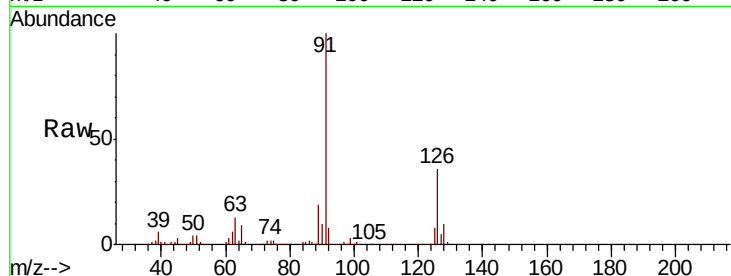
VW0821SBSD01

Tot Ion: 91 Resp: 164175

Ion Ratio Lower Upper

91 100

126 33.6 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 19.622 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW016279.D

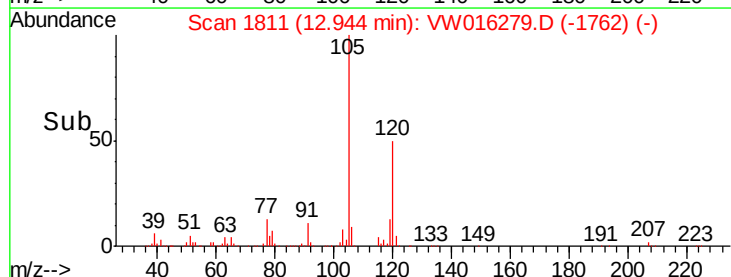
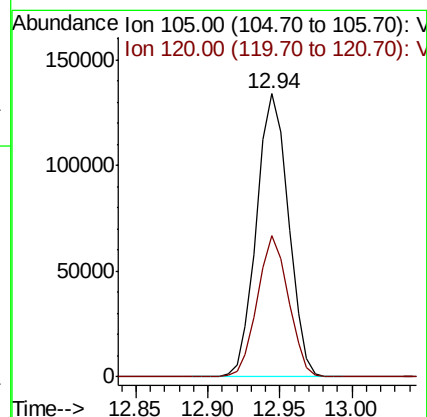
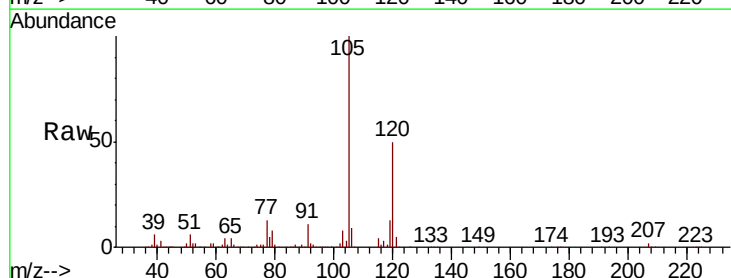
Acq: 20 Aug 2020 23:29

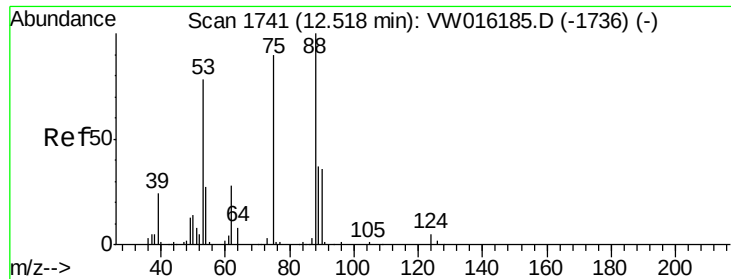
Tgt Ion:105 Resp: 204707

Ion Ratio Lower Upper

105 100

120 48.6 25.1 75.2

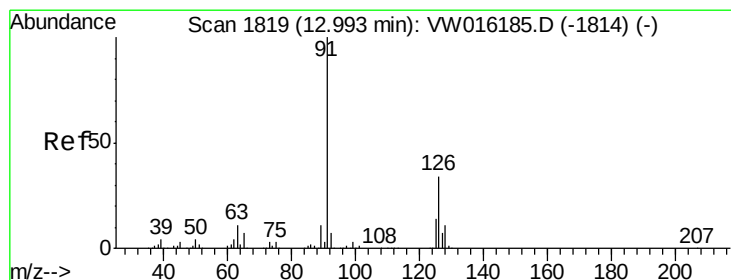
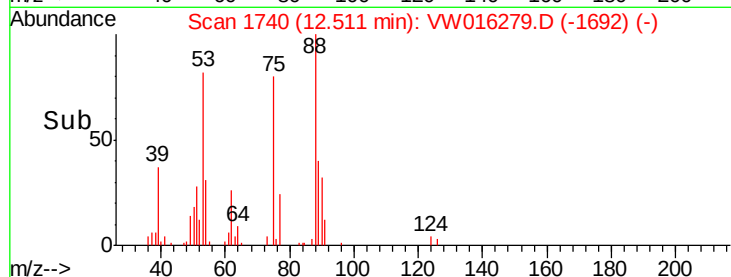
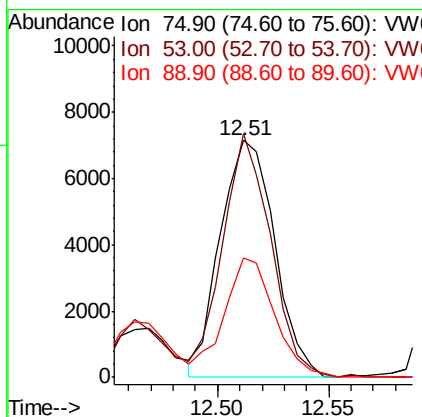
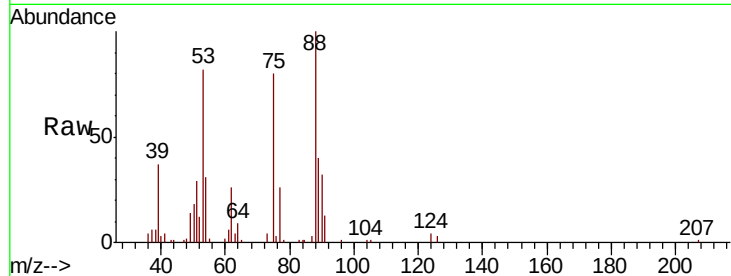




#81
trans-1,4-Dichloro-2-butene
Concen: 19.809 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

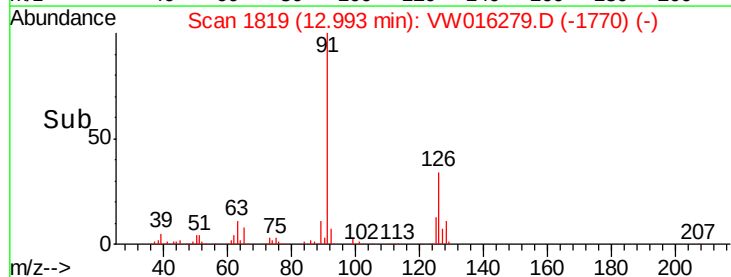
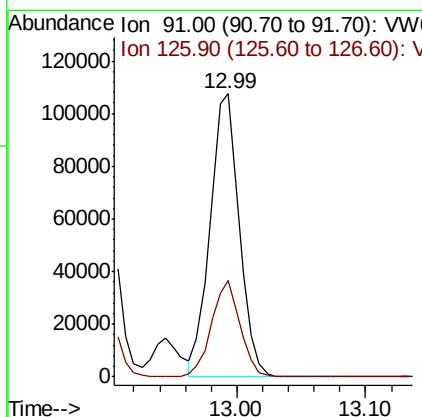
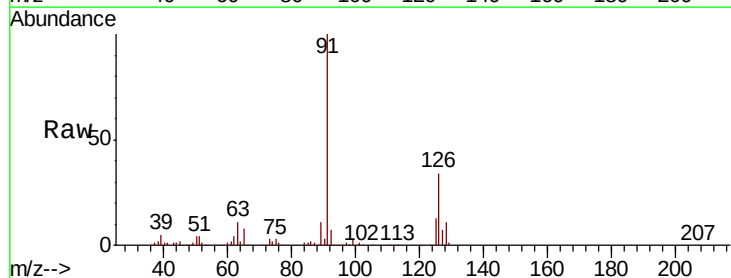
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

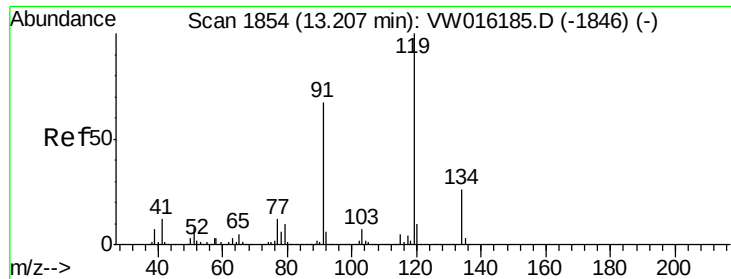
Tot Ion: 75 Resp: 12113
Ion Ratio Lower Upper
75 100
53 91.3 74.6 111.8
89 47.1 37.2 55.8



#82
4-Chlorotoluene
Concen: 19.551 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion: 91 Resp: 170556
Ion Ratio Lower Upper
91 100
126 33.5 16.6 49.8

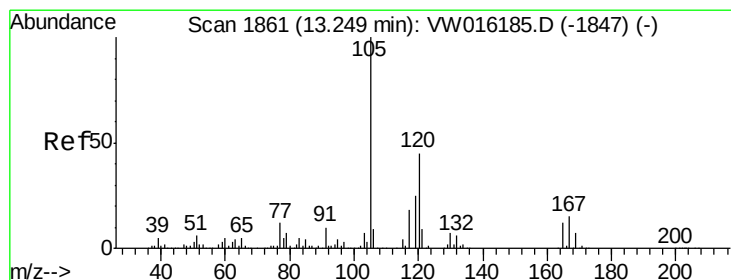
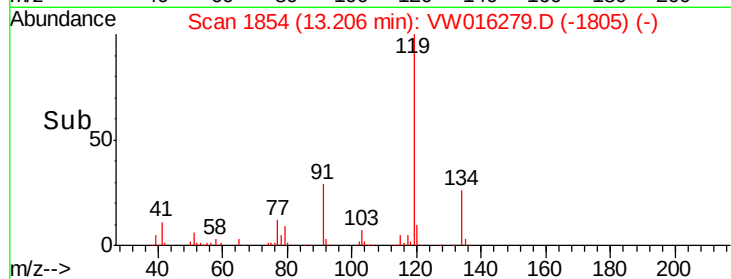
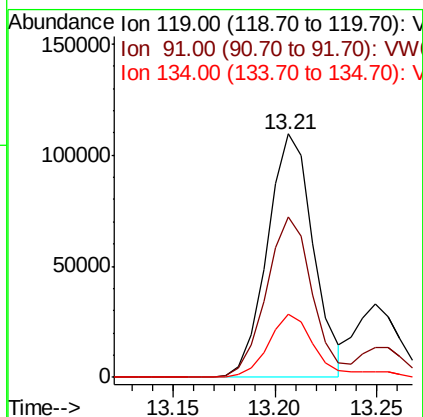
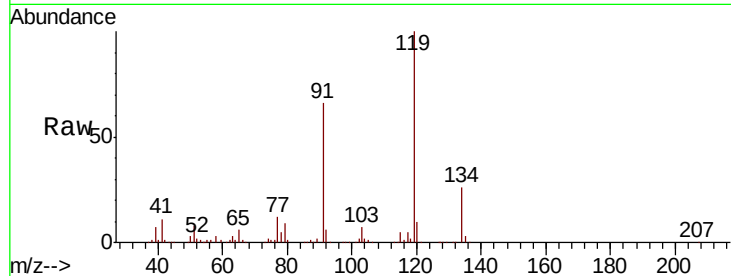




#83
 tert-Butylbenzene
 Concen: 20.189 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

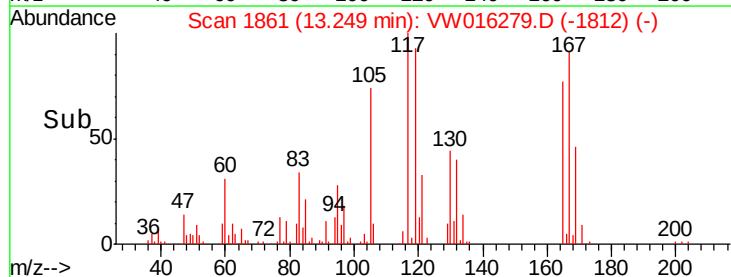
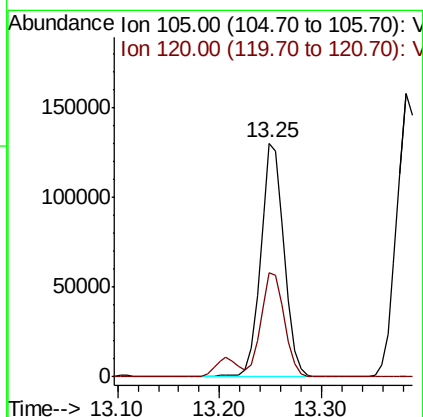
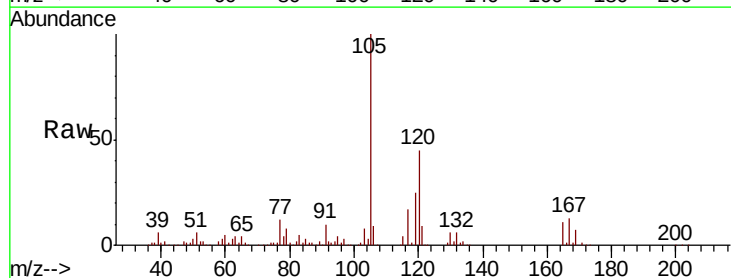
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

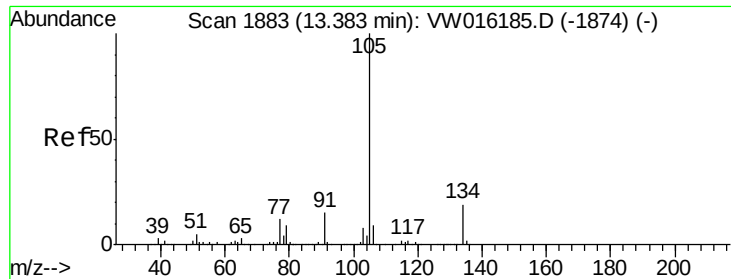
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.3	33.3	99.9
134	25.3	13.5	40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.030 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.2	66.6

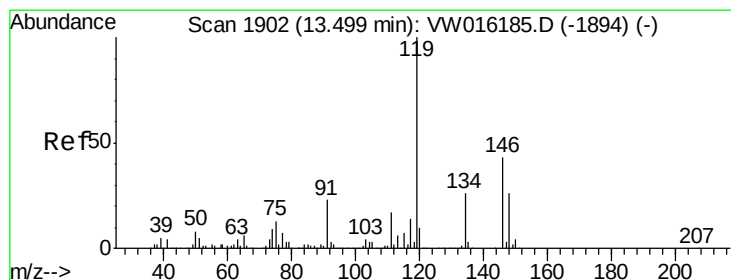
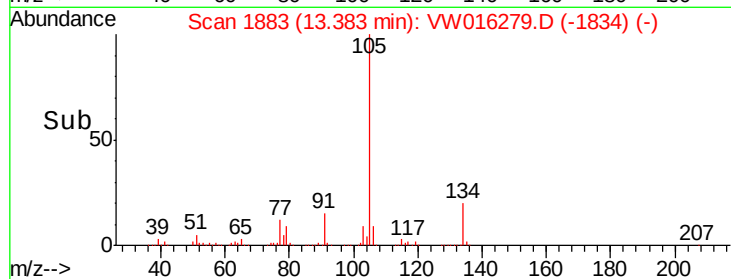
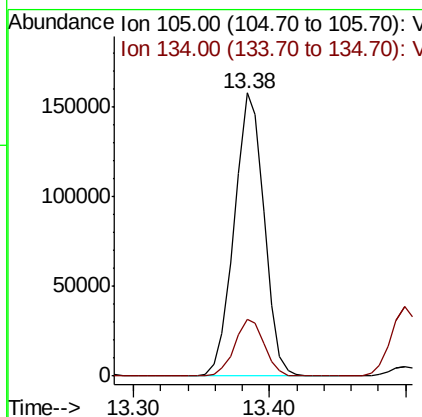
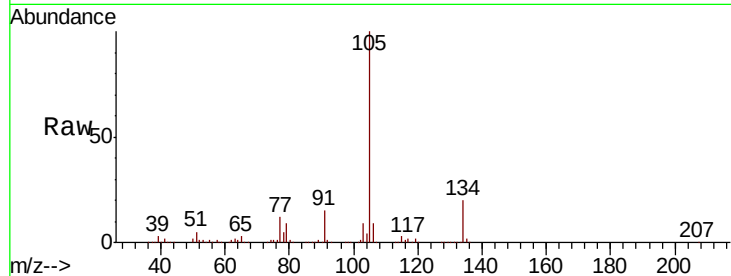




#85
 sec-Butylbenzene
 Concen: 19.362 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

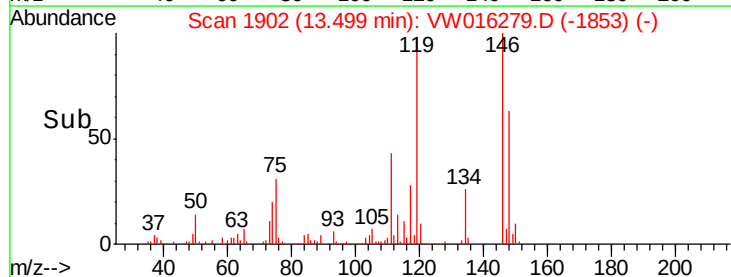
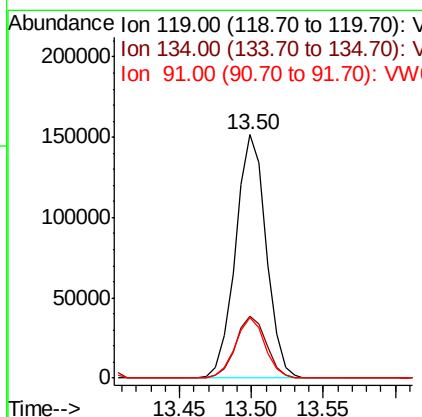
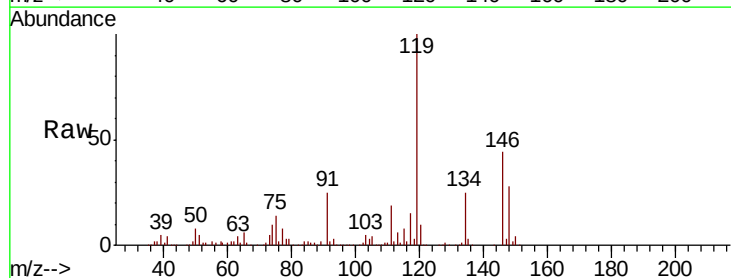
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

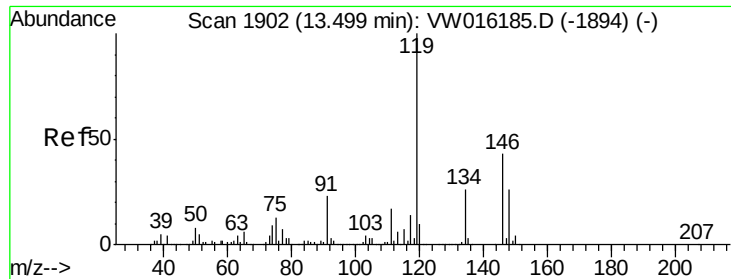
Tot Ion:105 Resp: 240605
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 19.916 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion:119 Resp: 223846
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.1 11.8 35.3

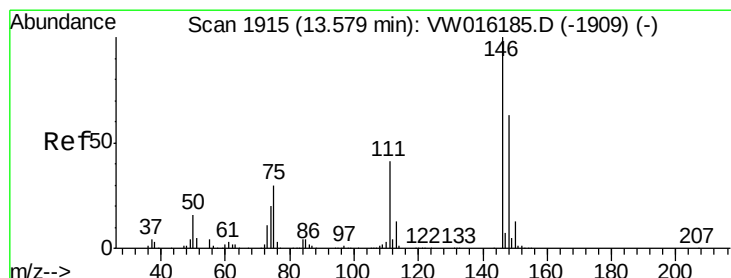
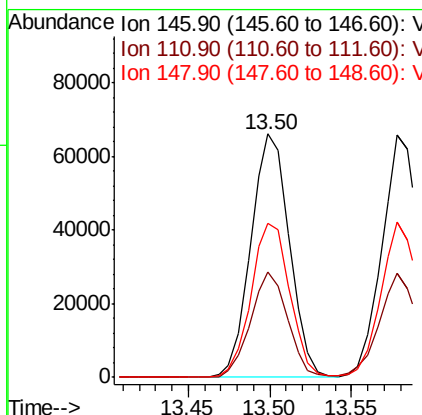
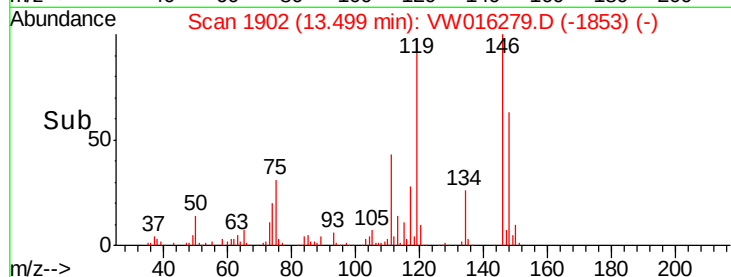
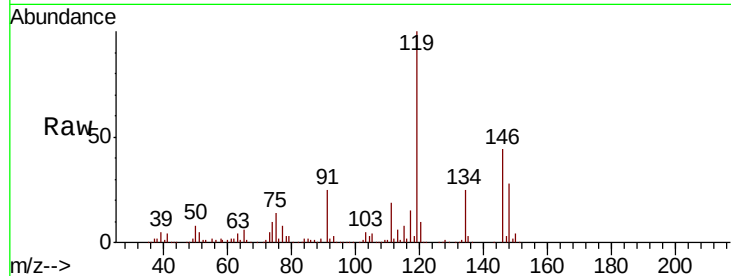




#87
 1,3-Dichlorobenzene
 Concen: 20.167 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

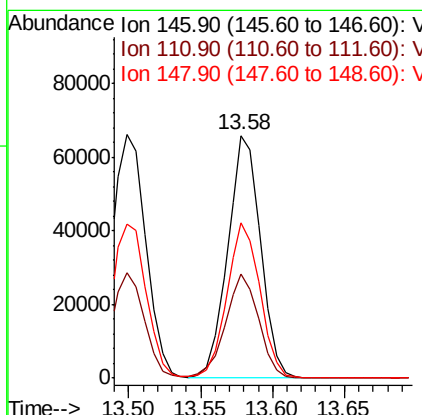
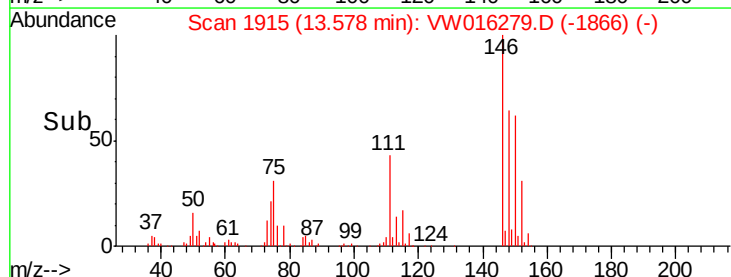
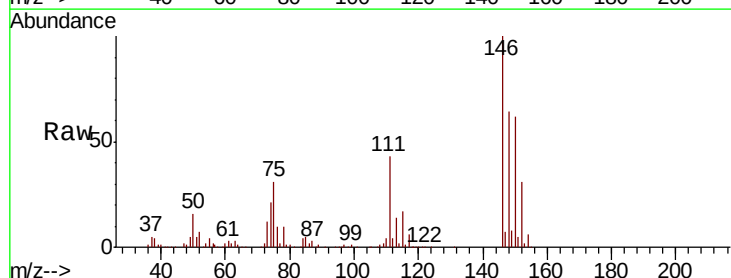
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

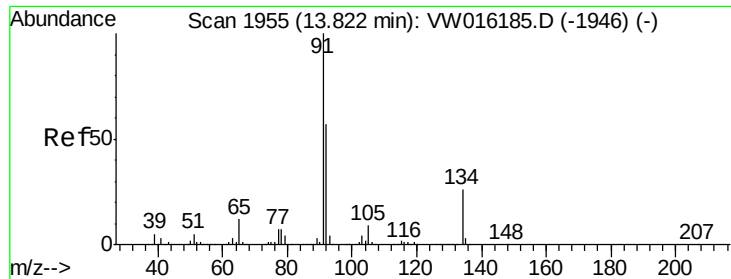
Tot Ion:146 Resp: 108568
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.5
 148 63.7 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 19.798 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion:146 Resp: 104947
 Ion Ratio Lower Upper
 146 100
 111 43.6 20.8 62.2
 148 64.7 32.1 96.3





#89

n-Butylbenzene

Concen: 19.105 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW016279.D

Acq: 20 Aug 2020 23:29

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBSD01

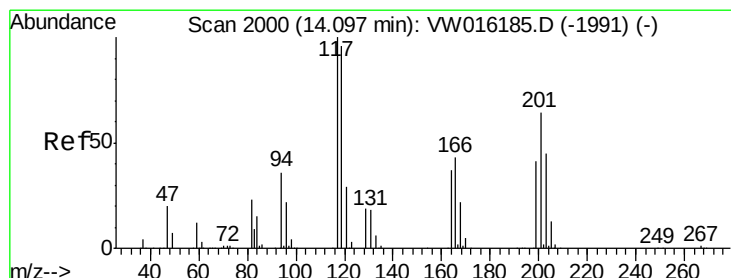
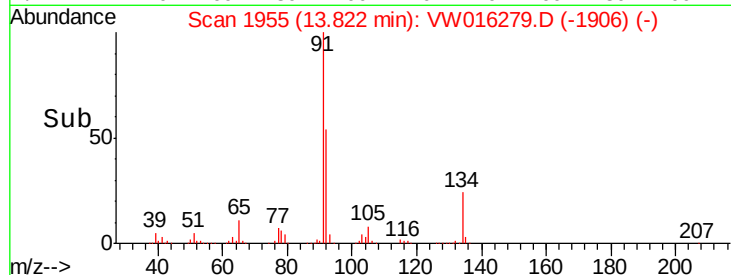
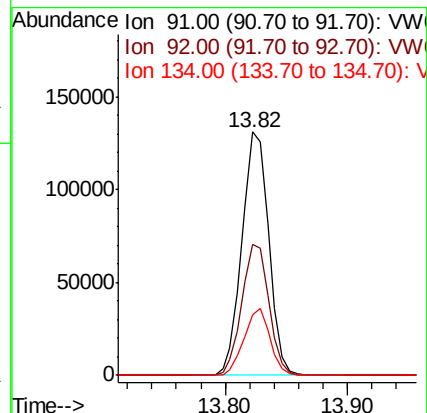
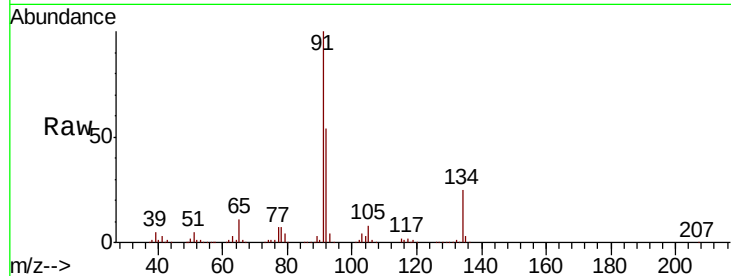
Tot Ion: 91 Resp: 198652

Ion Ratio Lower Upper

91 100

92 54.5 27.4 82.2

134 26.6 13.0 39.0



#90

Hexachloroethane

Concen: 19.484 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW016279.D

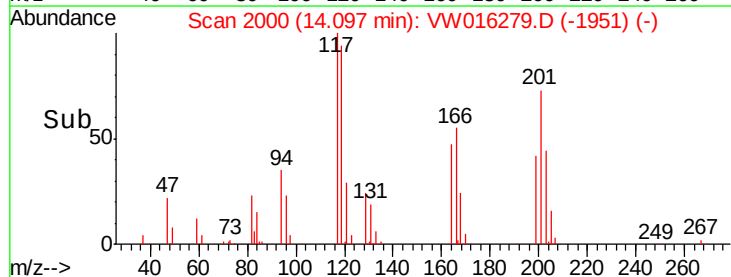
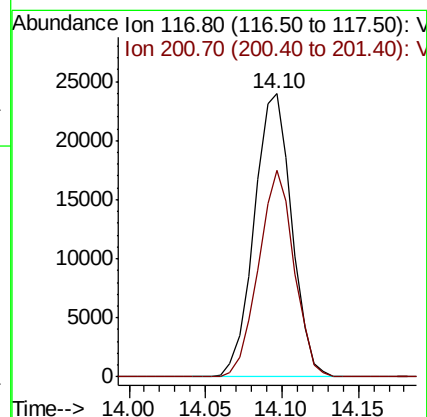
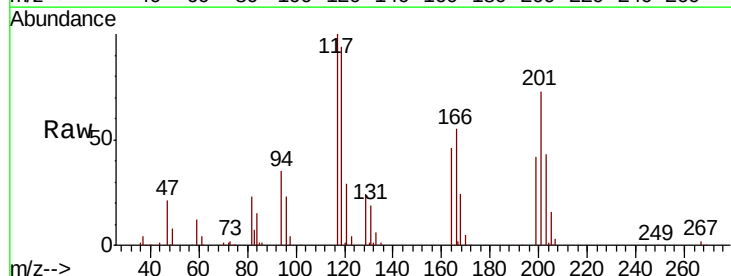
Acq: 20 Aug 2020 23:29

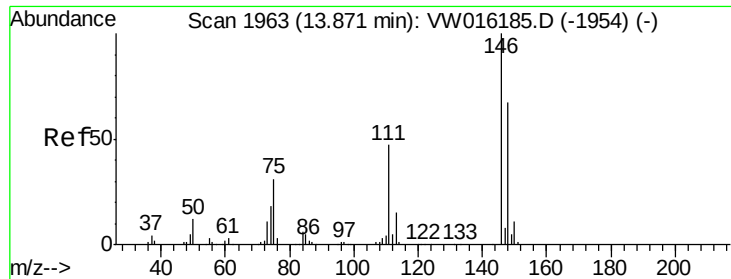
Tgt Ion: 117 Resp: 40868

Ion Ratio Lower Upper

117 100

201 69.2 33.8 101.3

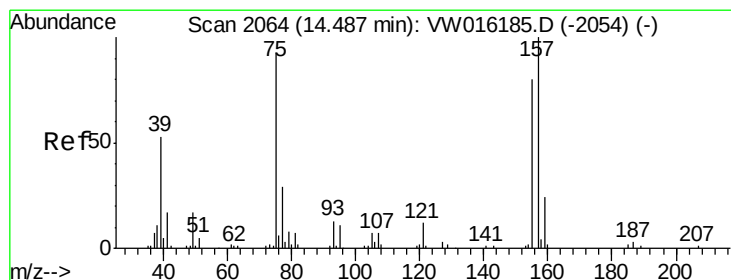
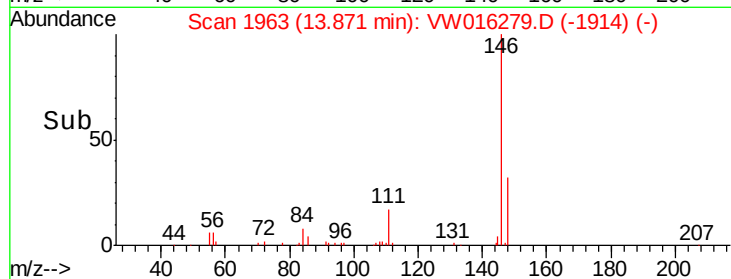
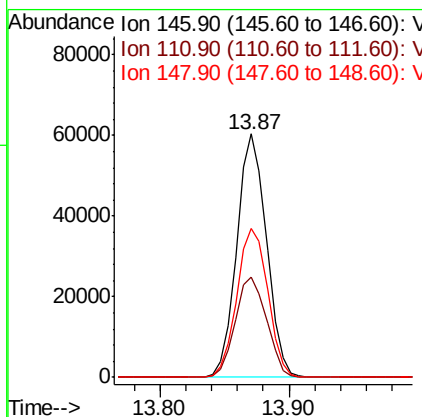
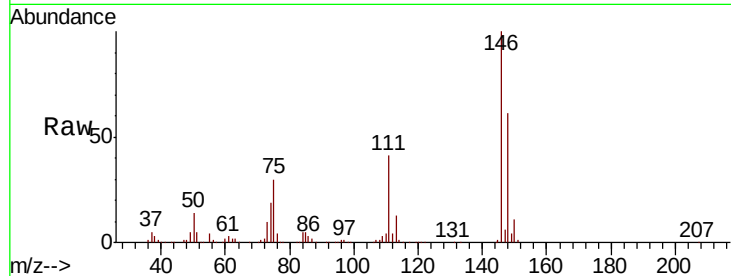




#91
 1,2-Dichlorobenzene
 Concen: 20.517 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

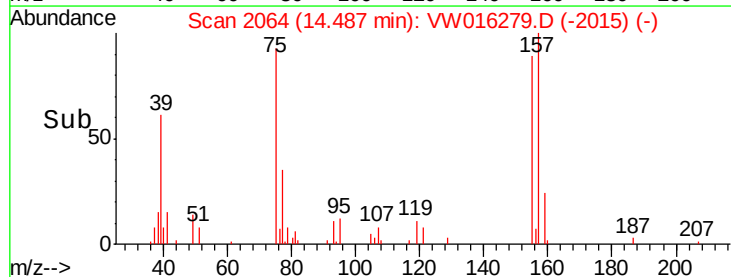
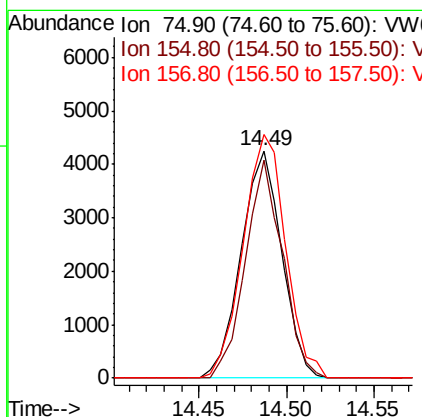
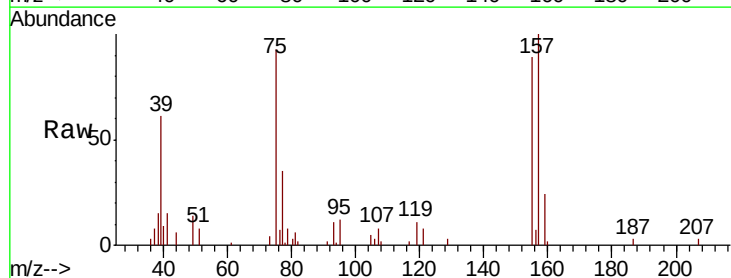
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

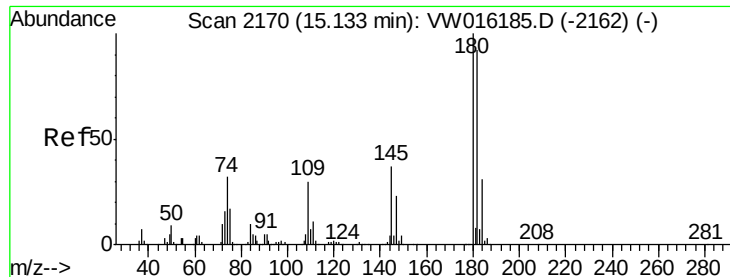
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.9	65.8
148	63.8	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.983 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.6	41.3	124.1
157	112.1	53.0	159.0

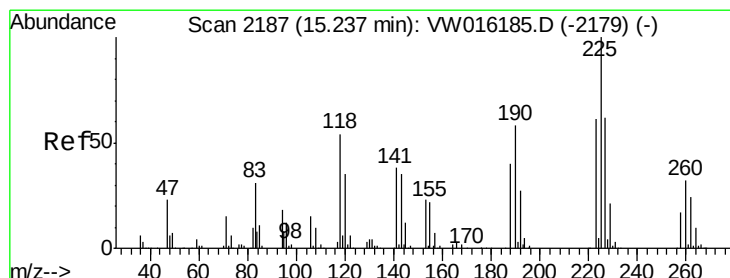
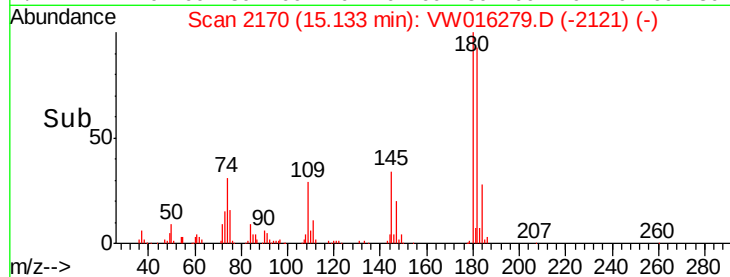
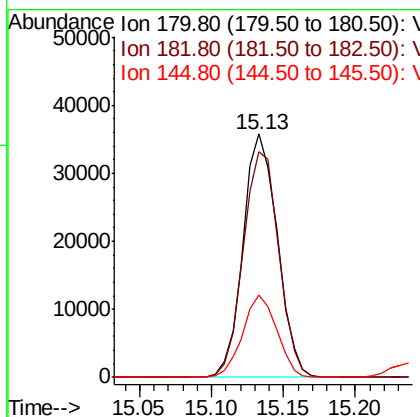
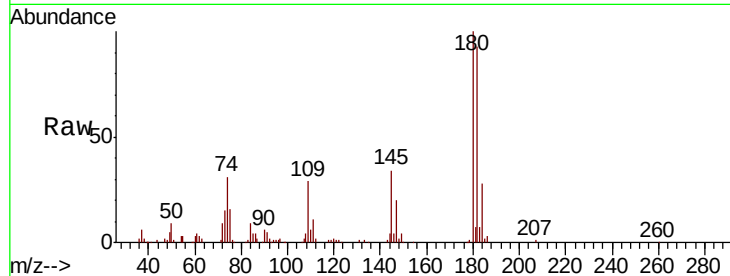




#93
 1,2,4-Trichlorobenzene
 Concen: 21.108 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

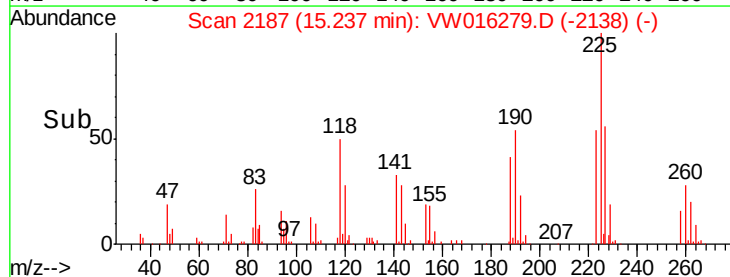
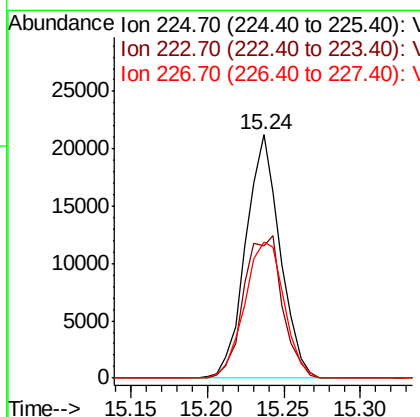
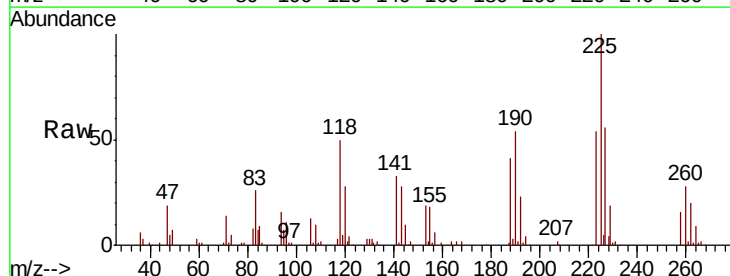
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBSD01

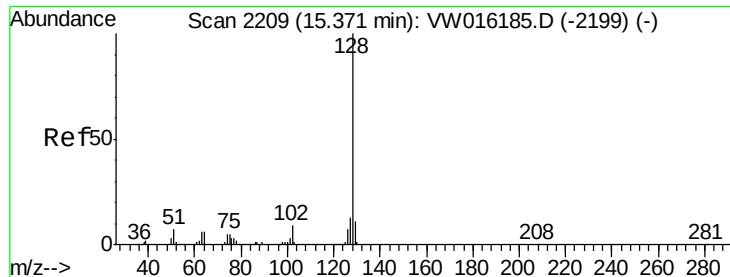
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.0	138.0
145	33.6	16.9	50.7



#94
 Hexachlorobutadiene
 Concen: 19.846 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW016279.D
 Acq: 20 Aug 2020 23:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	33.0	99.0
227	64.5	32.0	96.2

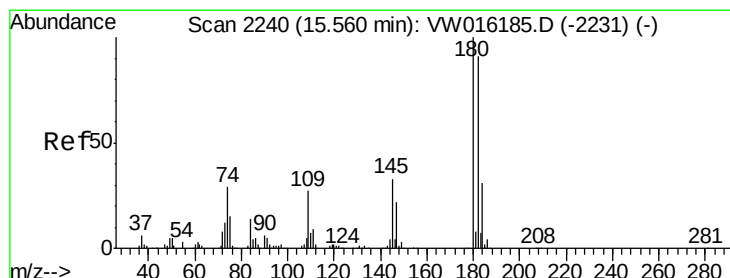
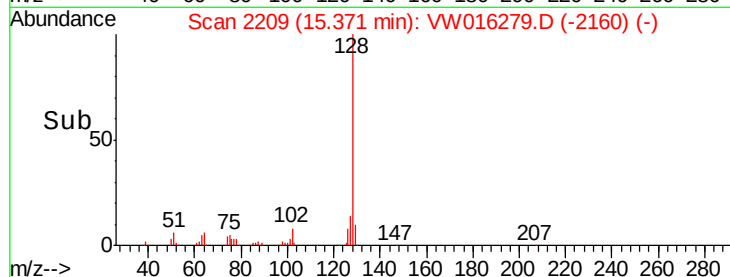
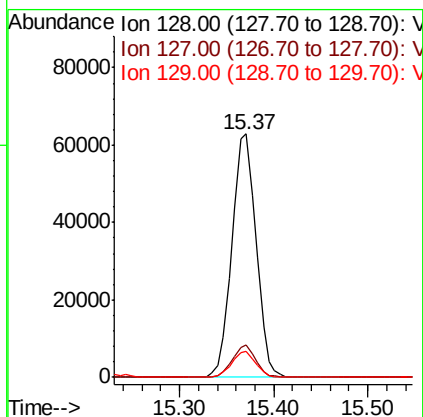
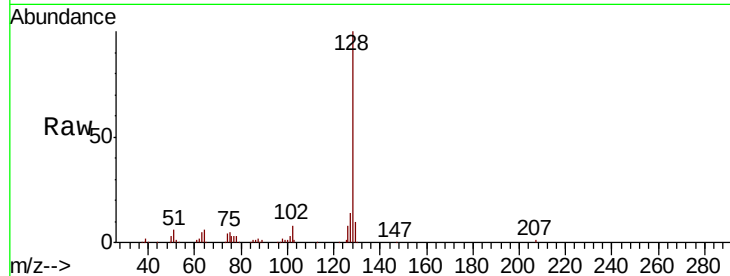




#95
Naphthalene
Concen: 21.401 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBSD01

Tot Ion:128 Resp: 112654
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.798 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW016279.D
Acq: 20 Aug 2020 23:29

Tgt Ion:180 Resp: 52394
Ion Ratio Lower Upper
180 100
182 100.4 47.7 143.1
145 35.2 17.4 52.3

