

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011470.D
 Acq On : 24 Jul 2019 13:07
 Operator : SY/VA
 Sample : VW0725SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 8:18:11 AM

Quant Time: Jul 25 04:38:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	383706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163793	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	127418	43.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.06%	
35) Dibromofluoromethane	7.88	113	104187	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
50) Toluene-d8	10.32	98	419990	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	
62) 4-Bromofluorobenzene	12.62	95	153716	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29197	16.612	ug/l	100
3) Chloromethane	2.21	50	45692	20.176	ug/l	94
4) Vinyl Chloride	2.36	62	56663	19.116	ug/l	97
5) Bromomethane	2.76	94	28319	19.013	ug/l	100
6) Chloroethane	2.92	64	30565	19.144	ug/l	99
7) Trichlorofluoromethane	3.25	101	22321	21.197	ug/l	89
8) Diethyl Ether	3.68	74	28845	19.798	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	47947	19.009	ug/l	100
10) Methyl Iodide	4.26	142	68938	19.872	ug/l	97
11) Tert butyl alcohol	5.16	59	23974	109.355	ug/l	96
12) 1,1-Dichloroethene	4.04	96	50003	19.100	ug/l	92
13) Acrolein	3.89	56	12921	74.015	ug/l	97
14) Allyl chloride	4.67	41	100171	20.983	ug/l	96
15) Acrylonitrile	5.36	53	74627	100.570	ug/l	99
16) Acetone	4.12	43	70308	98.681	ug/l	100
17) Carbon Disulfide	4.38	76	138169	17.409	ug/l	100
18) Methyl Acetate	4.67	43	52558	25.241	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	83951	21.135	ug/l	100
20) Methylene Chloride	4.92	84	56599	20.137	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	52228	19.200	ug/l	94
22) Diisopropyl ether	6.31	45	204735	19.940	ug/l	99
23) Vinyl Acetate	6.25	43	586827	92.350	ug/l	100
24) 1,1-Dichloroethane	6.21	63	106243	19.705	ug/l	99
25) 2-Butanone	7.17	43	111708	99.882	ug/l	98
26) 2,2-Dichloropropane	7.16	77	59978	21.400	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	57977	19.758	ug/l	97
28) Bromochloromethane	7.51	49	47254	19.275	ug/l	97
29) Tetrahydrofuran	7.52	42	72501	98.864	ug/l	100
30) Chloroform	7.67	83	97292	19.485	ug/l	100
31) Cyclohexane	7.95	56	104880	18.285	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	72923	19.199	ug/l	99
36) 1,1-Dichloropropene	8.08	75	77714	19.019	ug/l	99
37) Ethyl Acetate	7.25	43	48560	19.780	ug/l	99
38) Carbon Tetrachloride	8.07	117	65695	18.966	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	93790	18.938	ug/l	99
40) Benzene	8.32	78	224922	19.918	ug/l	100
41) Methacrylonitrile	7.48	41	25989	18.509	ug/l	97
42) 1,2-Dichloroethane	8.40	62	70496	19.244	ug/l	98
43) Isopropyl Acetate	8.42	43	89670	19.346	ug/l	99
44) Trichloroethene	9.09	130	53714	19.767	ug/l	98
45) 1,2-Dichloropropane	9.37	63	60503	19.786	ug/l	100
46) Dibromomethane	9.46	93	28064	19.537	ug/l	97
47) Bromodichloromethane	9.64	83	70057	19.061	ug/l	99
48) Methyl methacrylate	9.43	41	42984	19.276	ug/l	97
49) 1,4-Dioxane	9.45	88	9712	405.051	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	237036	97.898	ug/l	100
52) Toluene	10.38	92	136478	19.923	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	73692	18.836	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	87606	19.024	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	41226	20.230	ug/l	98
56) Ethyl methacrylate	10.65	69	60701	19.565	ug/l	97
57) 1,3-Dichloropropane	10.93	76	76110	19.750	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	153147	106.473	ug/l	99
59) 2-Hexanone	10.97	43	162599	96.835	ug/l	100
60) Dibromochloromethane	11.13	129	43479	19.457	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38015	19.694	ug/l	99
64) Tetrachloroethene	10.86	164	46191	20.261	ug/l	99
65) Chlorobenzene	11.66	112	138496	20.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48348	19.991	ug/l	98
67) Ethyl Benzene	11.73	91	263535	20.041	ug/l	100
68) m/p-Xylenes	11.84	106	190046	39.942	ug/l	100
69) o-Xylene	12.16	106	89690	20.000	ug/l	100
70) Styrene	12.18	104	155866	20.139	ug/l	99
71) Bromoform	12.35	173	24624	19.149	ug/l #	100
73) Isopropylbenzene	12.46	105	250281	20.441	ug/l	100
74) N-amyl acetate	12.27	43	81991	19.227	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49695	19.800	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	41116m	21.722	ug/l	
77) Bromobenzene	12.75	156	55893	20.341	ug/l	97
78) n-propylbenzene	12.80	91	301502	19.989	ug/l	99
79) 2-Chlorotoluene	12.89	91	174358	20.088	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	211425	20.325	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15221	18.188	ug/l	97
82) 4-Chlorotoluene	12.99	91	184115	20.366	ug/l	100
83) tert-Butylbenzene	13.21	119	179231	20.660	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	210003	20.106	ug/l	100
85) sec-Butylbenzene	13.38	105	251607	20.100	ug/l	100
86) p-Isopropyltoluene	13.50	119	225699	20.102	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	107673	20.367	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	107175	20.132	ug/l	98
89) n-Butylbenzene	13.82	91	219037	19.556	ug/l	99
90) Hexachloroethane	14.09	117	38917	18.968	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	96351	20.089	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8265	18.565	ug/l	97

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QLast Update : Thu Jul 11 08:14:17 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	65999	19.978	ug/l	99
94) Hexachlorobutadiene	15.24	225	41277	20.352	ug/l	99
95) Naphthalene	15.36	128	126729	20.019	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	58597	20.098	ug/l	98

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

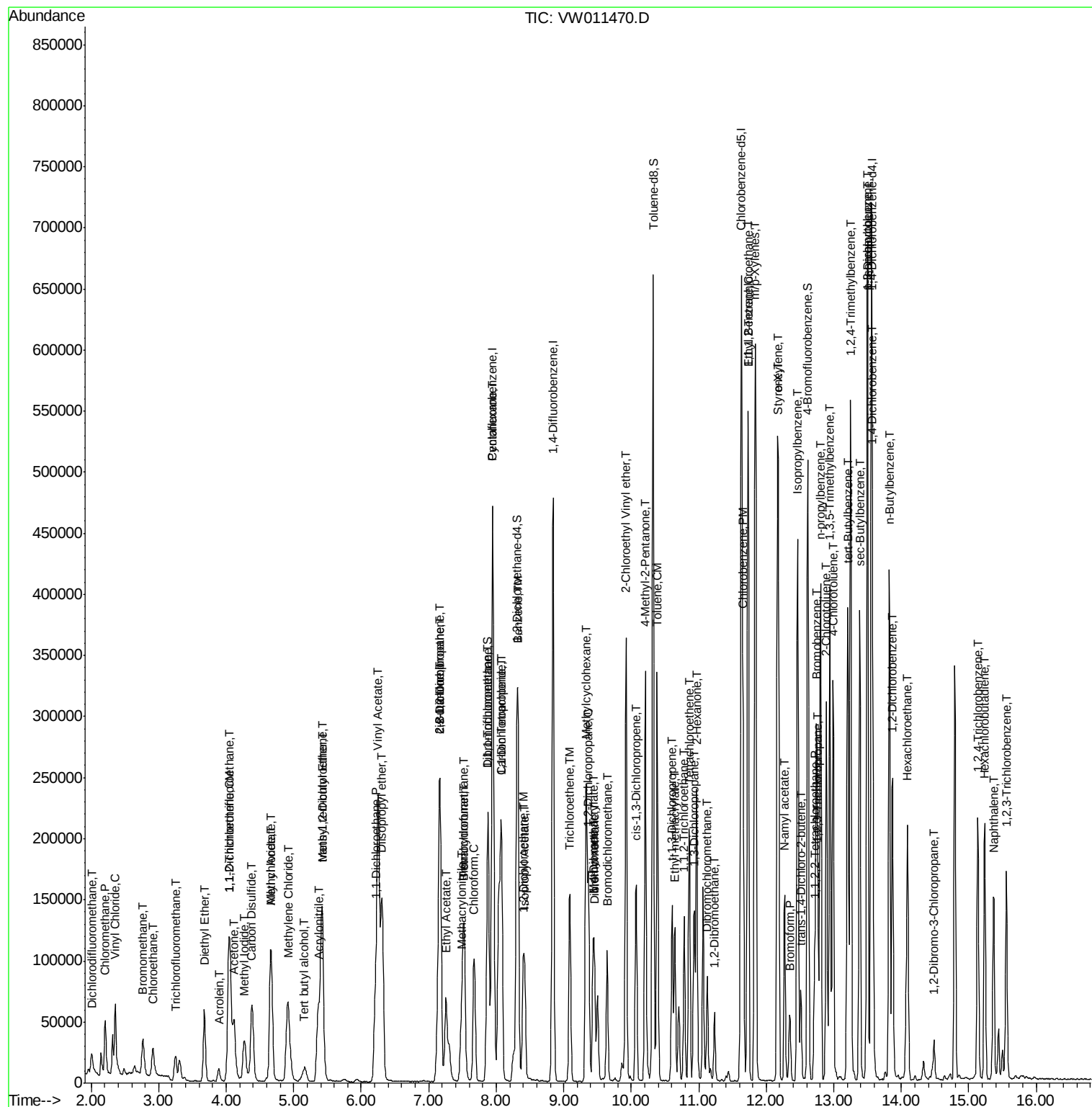
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 Data File : VW011470.D
 Acq On : 24 Jul 2019 13:07
 Operator : SY/VA
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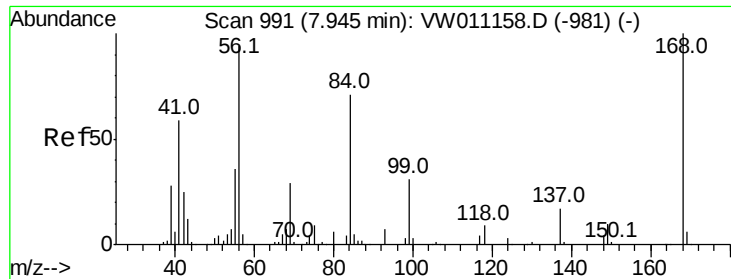
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

Tot Ion:168 Resp: 235656

Ion Ratio Lower Upper

168 100

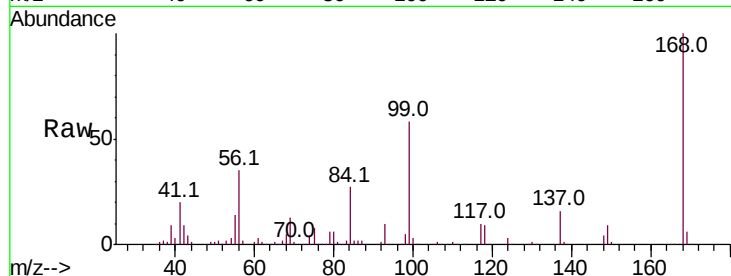
99 58.1 50.1 75.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

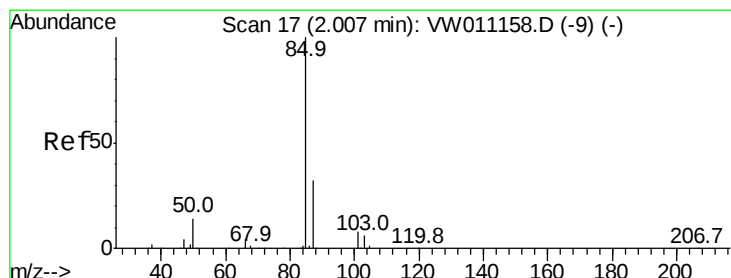
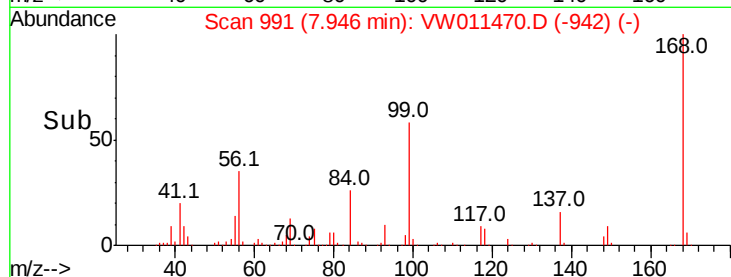
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.612 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011470.D

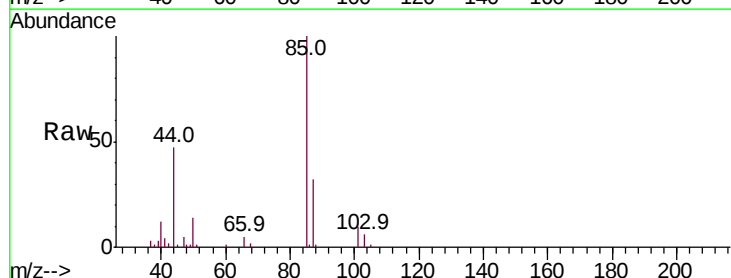
Acq: 24 Jul 2019 13:07

Tgt Ion: 85 Resp: 29197

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

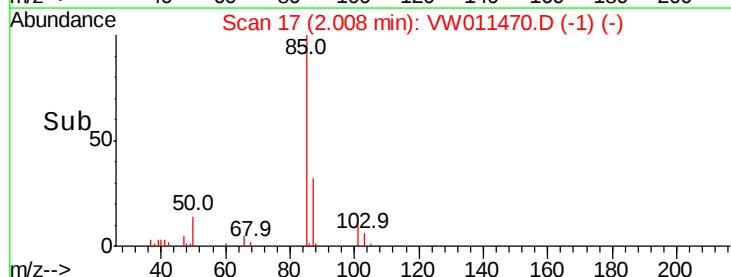
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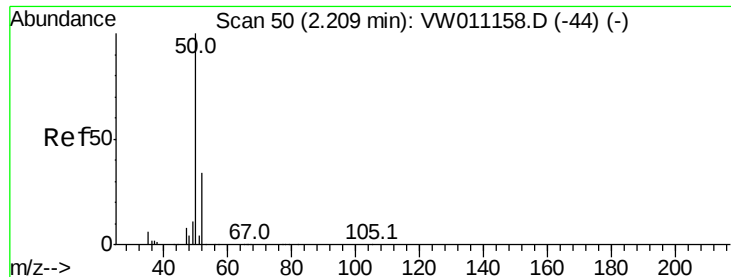
4000

2000

0

Time-->





#3

Chloromethane

Concen: 20.176 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

Tot Ion: 50 Resp: 45692

Ion Ratio Lower Upper

50 100

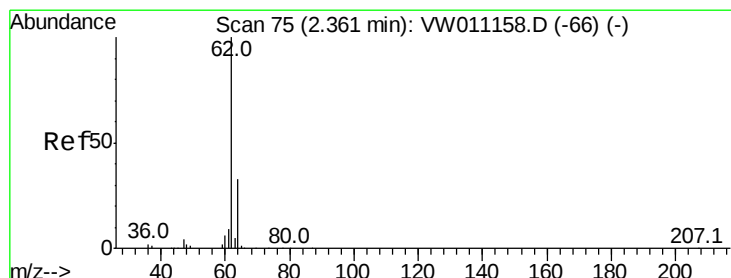
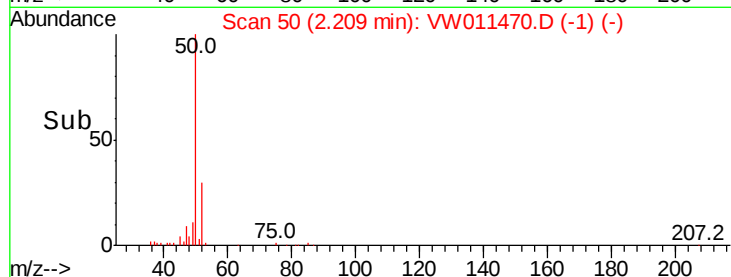
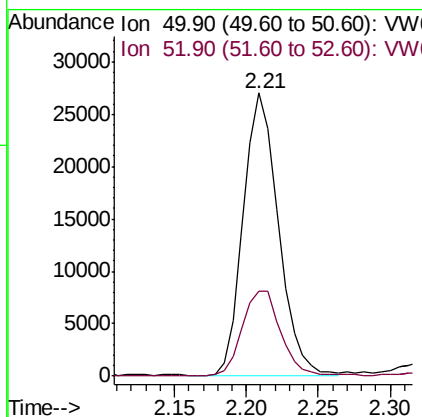
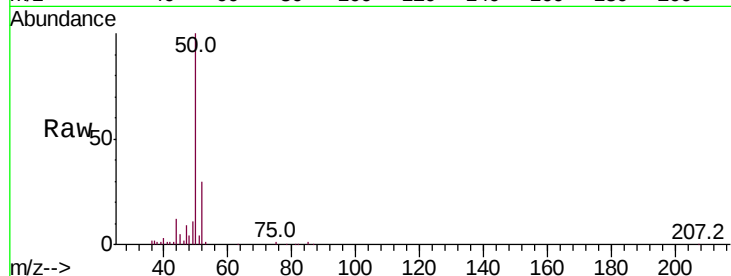
52 30.2 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.116 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011470.D

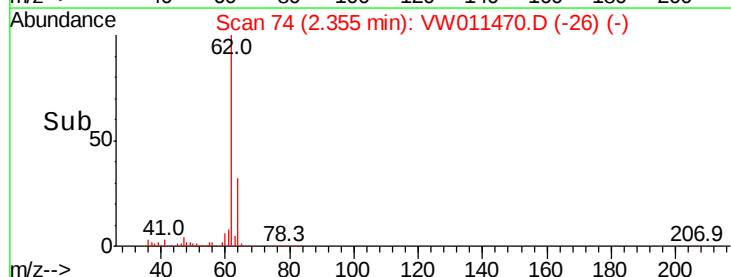
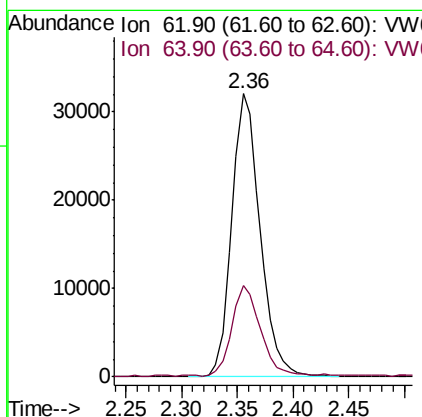
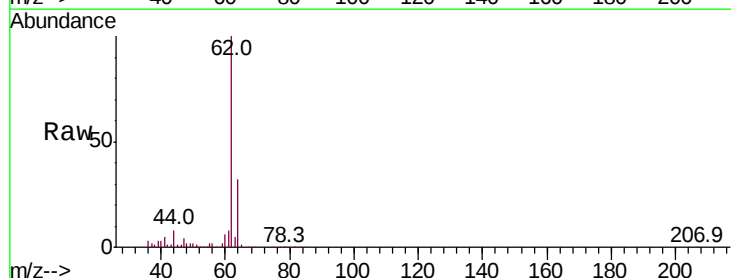
Acq: 24 Jul 2019 13:07

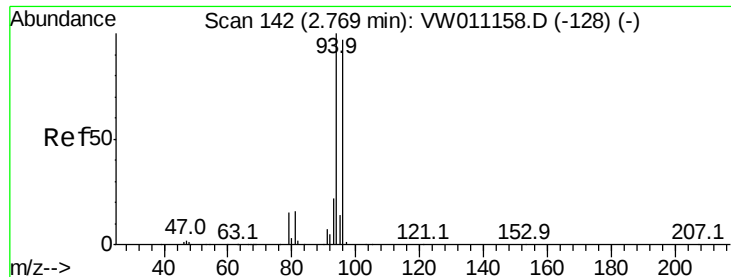
Tgt Ion: 62 Resp: 56663

Ion Ratio Lower Upper

62 100

64 31.5 26.6 40.0





#5

Bromomethane

Concen: 19.013 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

Tot Ion: 94 Resp: 28319

Ion Ratio Lower Upper

94 100

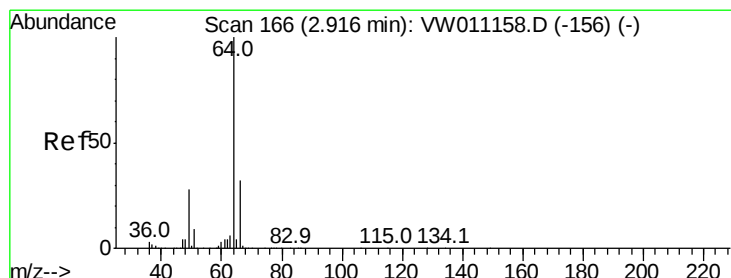
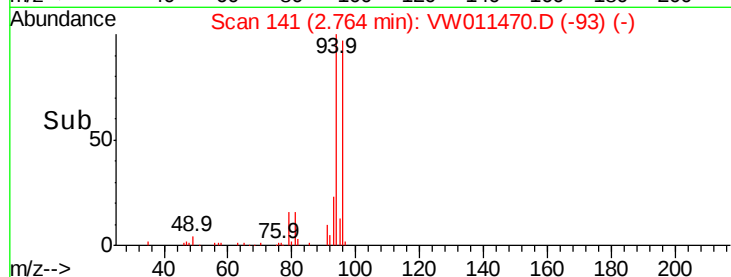
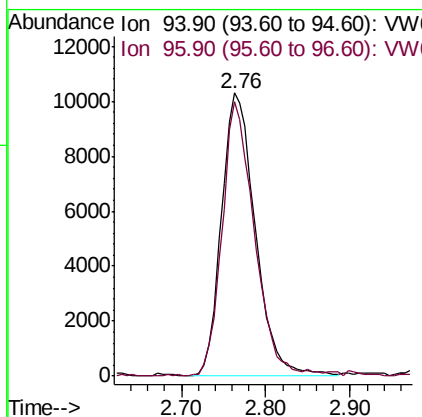
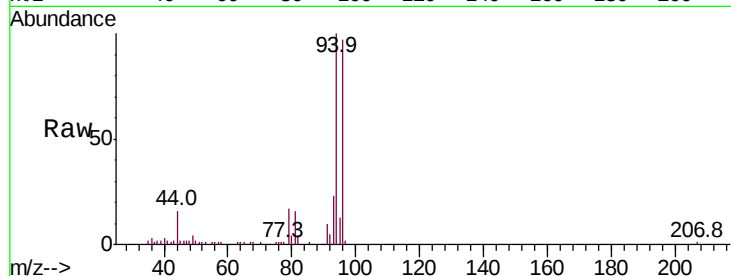
96 97.1 77.4 116.0

Manual Integrations

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#6

Chloroethane

Concen: 19.144 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW011470.D

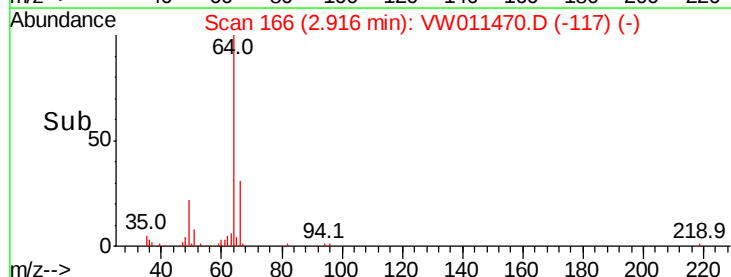
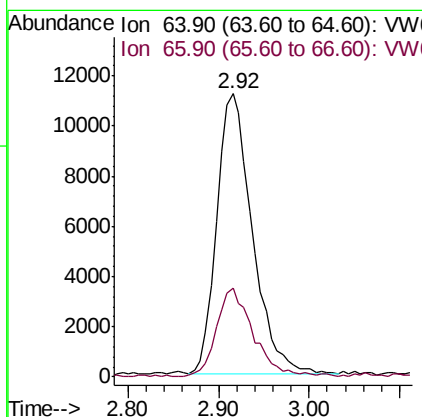
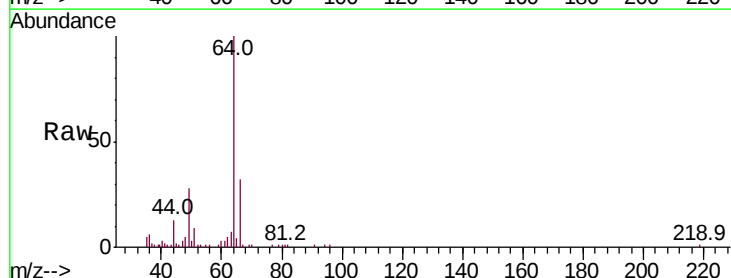
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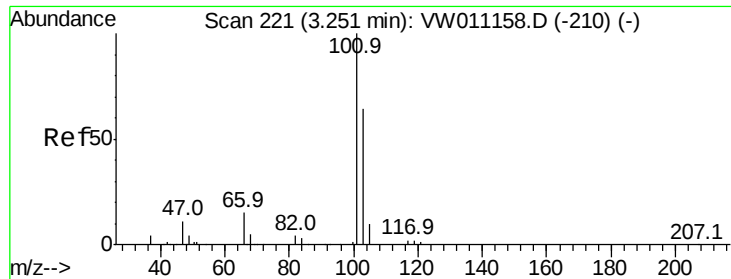
Tgt Ion: 64 Resp: 30565

Ion Ratio Lower Upper

64 100

66 31.9 25.8 38.8





#7

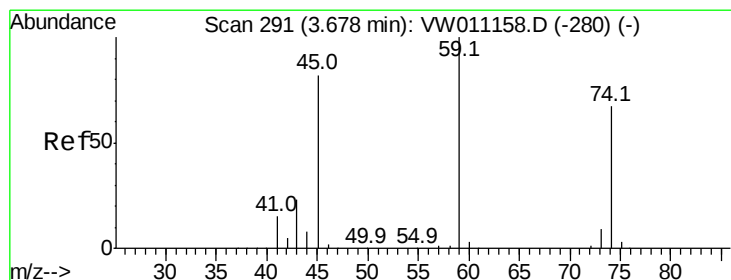
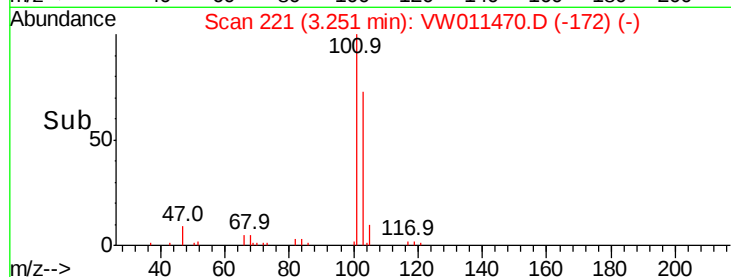
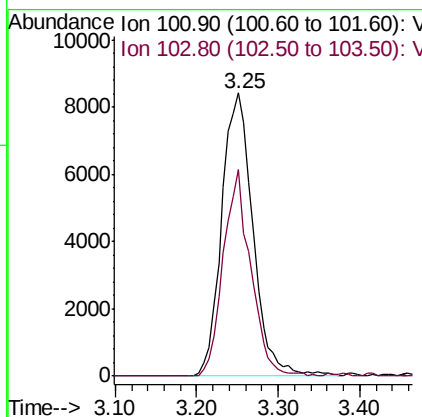
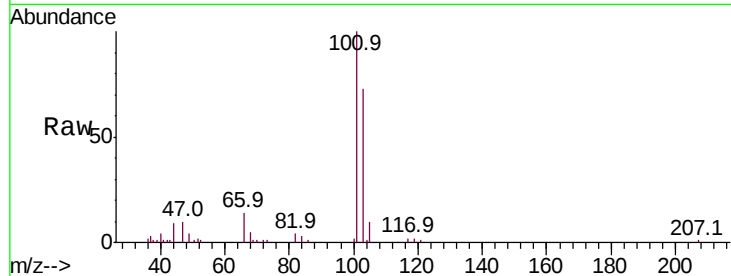
Trichlorofluoromethane
 Concen: 21.197 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW011470.D
 Acq: 24 Jul 2019 13:07

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	72.8	51.3	76.9

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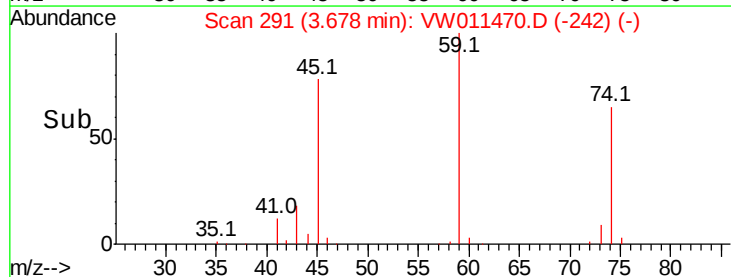
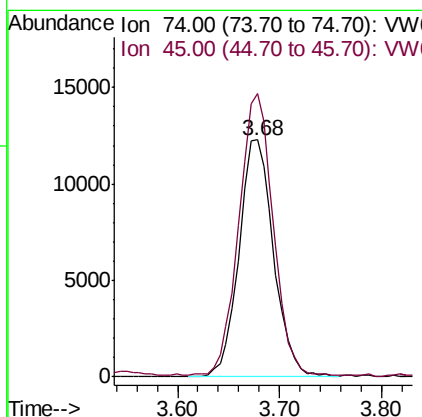
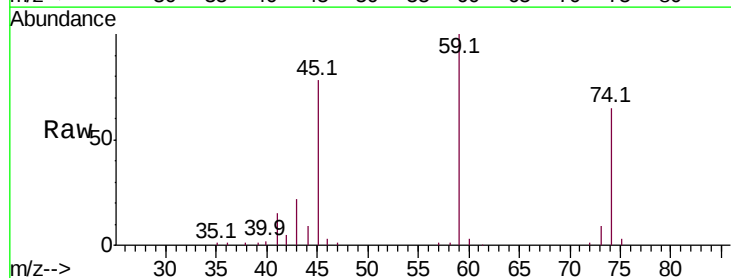
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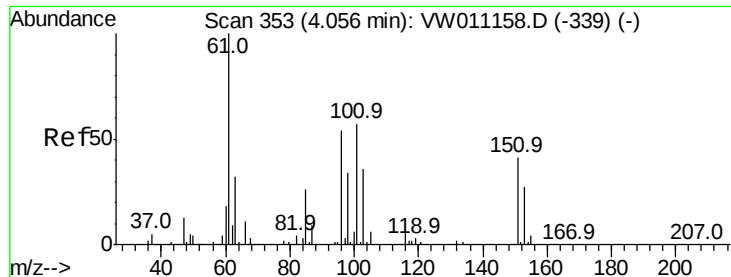


#8

Diethyl Ether
 Concen: 19.798 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW011470.D
 Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	118.6	59.9	179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.009 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Instrument :

MSVOA_W

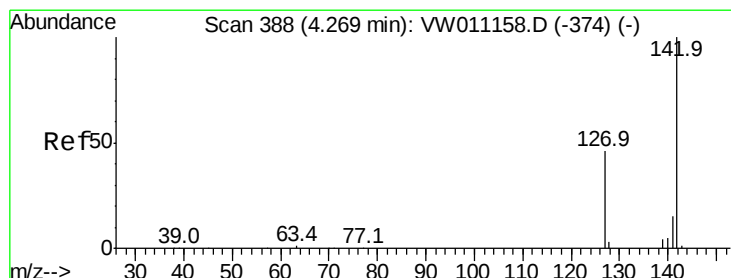
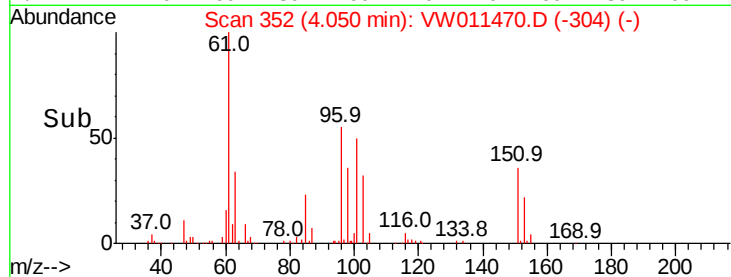
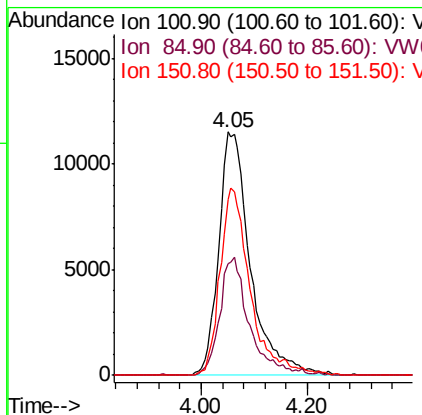
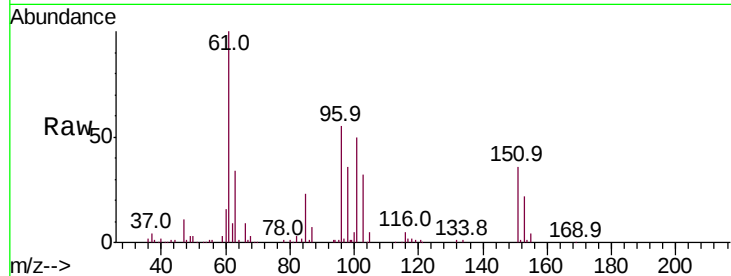
ClientSampleId :

VW0725SBS01

Tot Ion:	101	Resp:	47947
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.5	54.7
151	73.7	59.1	88.7

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#10

Methyl Iodide

Concen: 19.872 ug/l

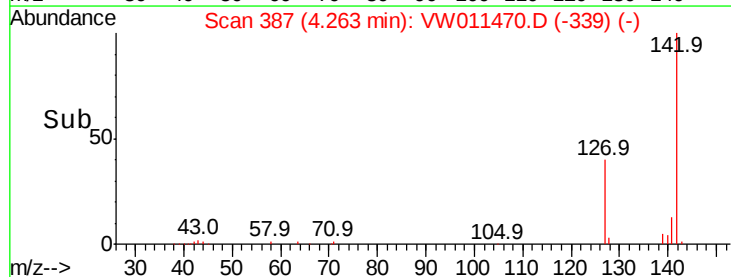
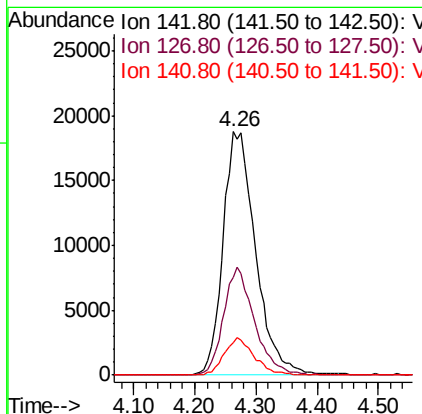
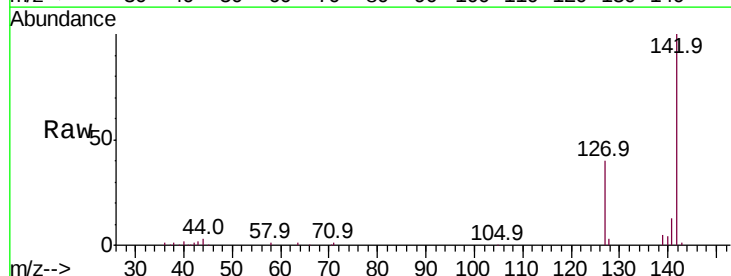
RT: 4.26 min Scan# 387

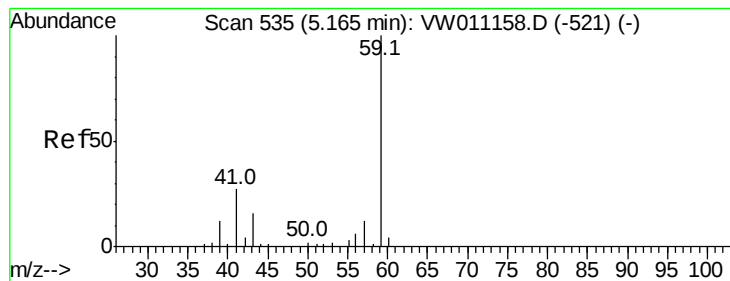
Delta R.T. -0.01 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Tgt Ion:	142	Resp:	68938
Ion Ratio	Lower	Upper	
142	100		
127	41.8	35.7	53.5
141	14.2	11.5	17.3





#11

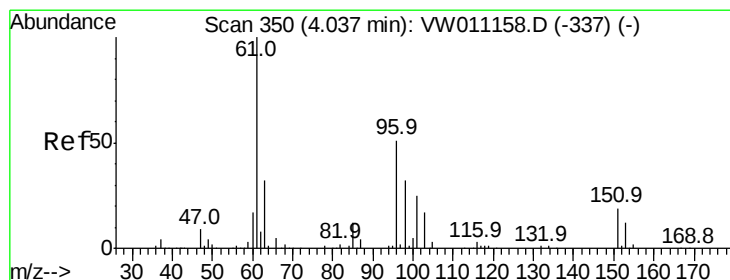
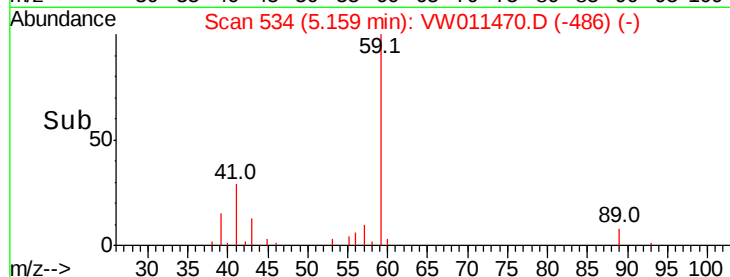
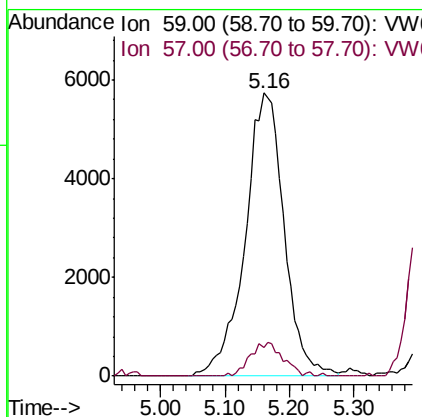
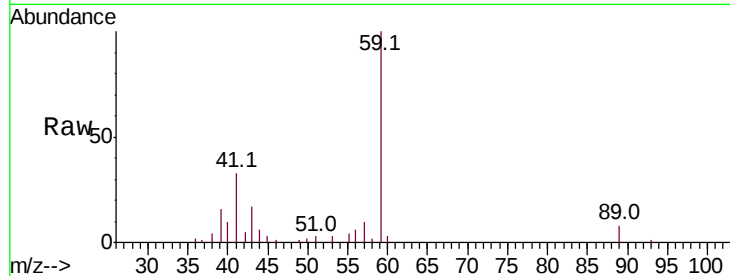
Tert butyl alcohol
 Concen: 109.355 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW011470.D
 Acq: 24 Jul 2019 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	9.0	13.6

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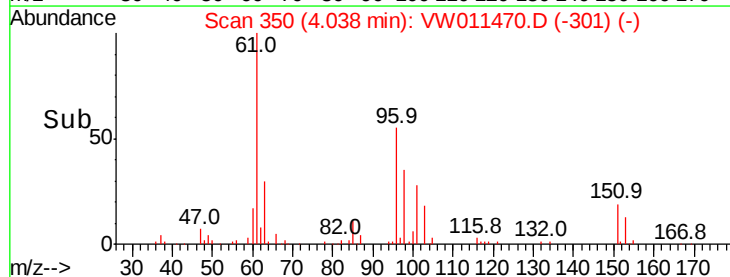
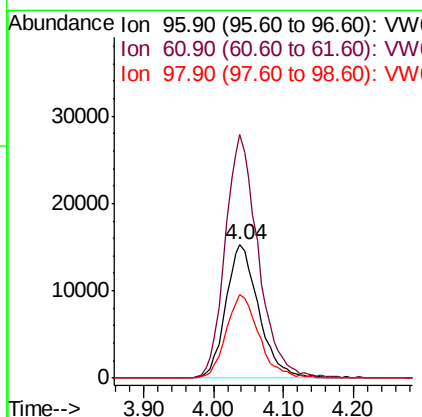
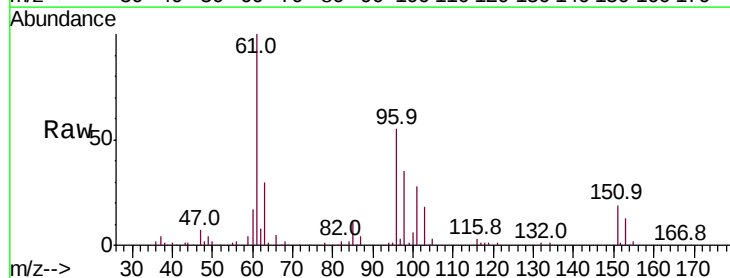
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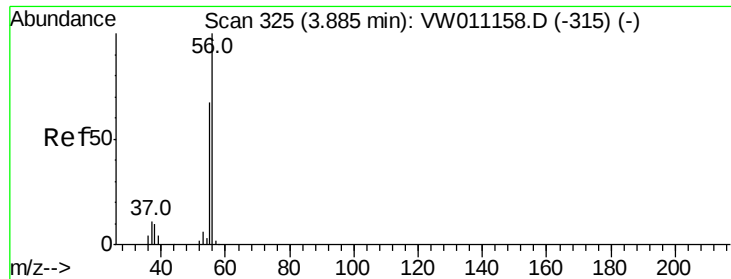


#12

1,1-Dichloroethene
 Concen: 19.100 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011470.D
 Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	182.3	157.7	236.5
98	63.1	50.9	76.3





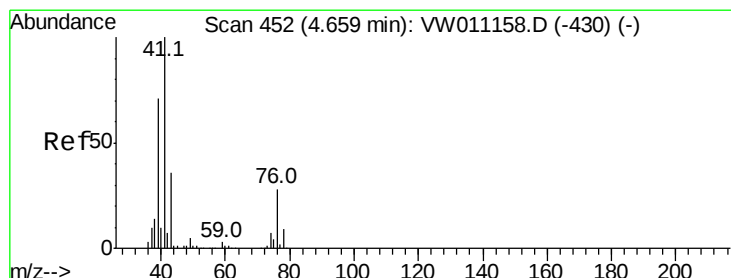
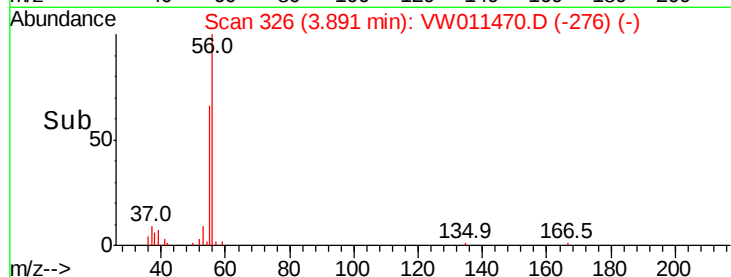
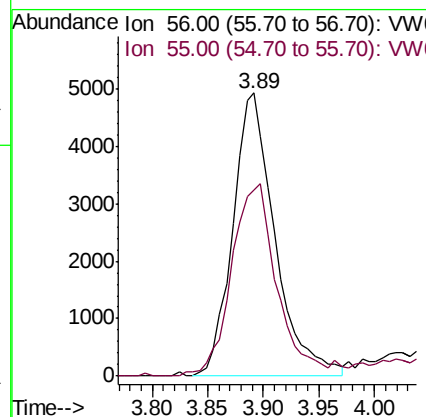
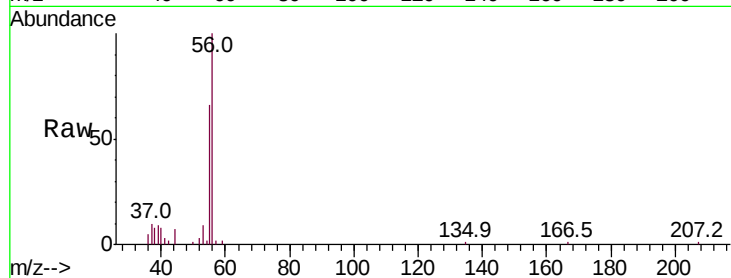
#13
Acrolein
Concen: 74.015 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.01 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	56	Resp	12921
Ion Ratio	100	Lower	Upper
55	72.6	56.4	84.6

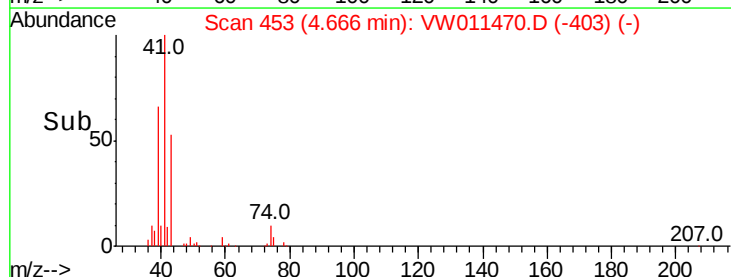
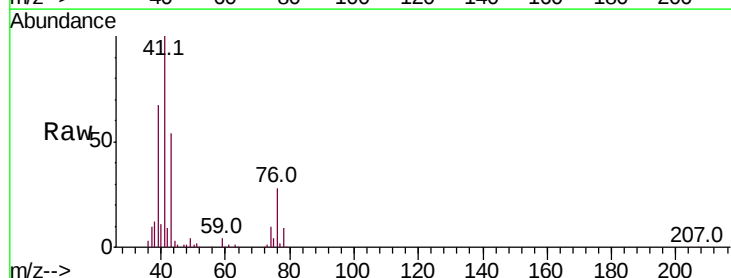
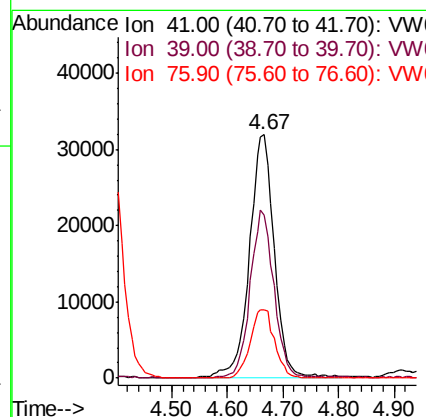
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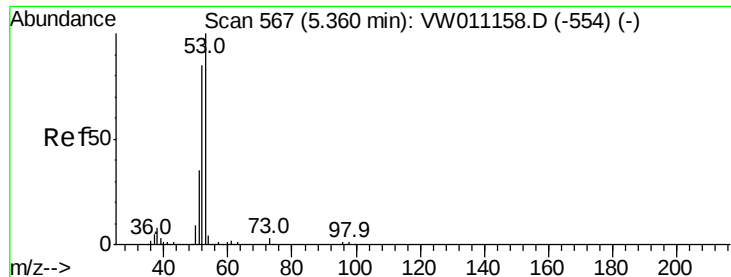
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#14
Allyl chloride
Concen: 20.983 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion	41	Resp	100171
Ion Ratio	100	Lower	Upper
39	64.8	55.1	82.7
76	27.4	22.5	33.7





#15

Acrylonitrile

Concen: 100.570 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Instrument :

MSVOA_W

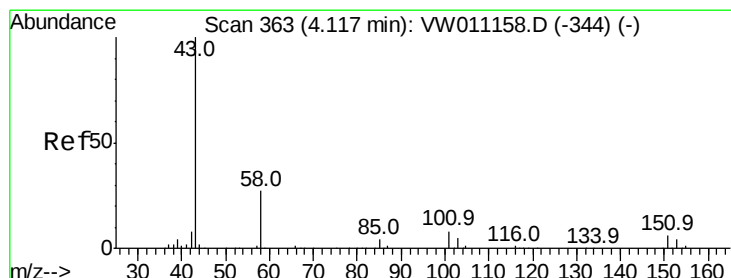
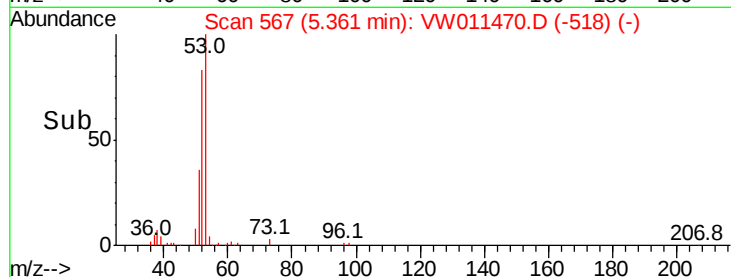
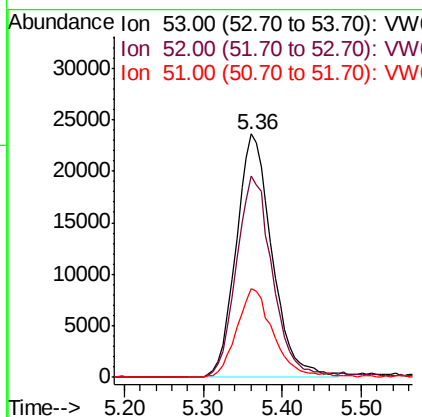
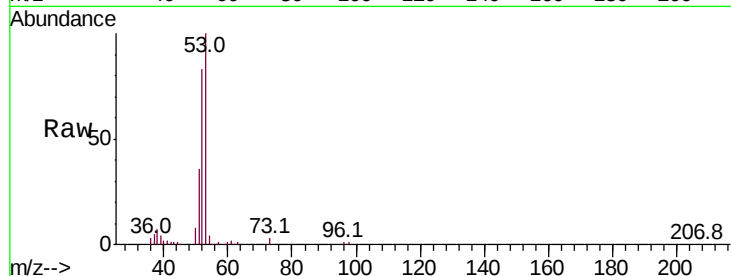
ClientSampleId :

VW0725SBS01

Tot Ion:	53	Resp:	74627
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.2	99.4
51	37.3	29.1	43.7

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#16

Acetone

Concen: 98.681 ug/l

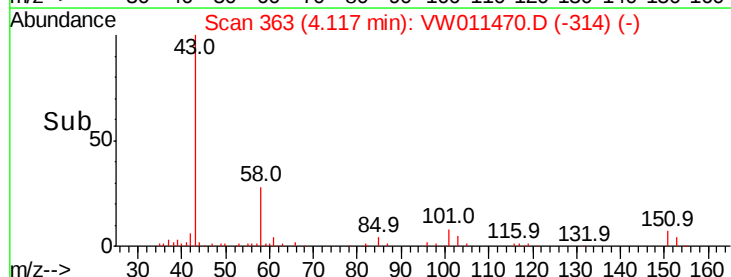
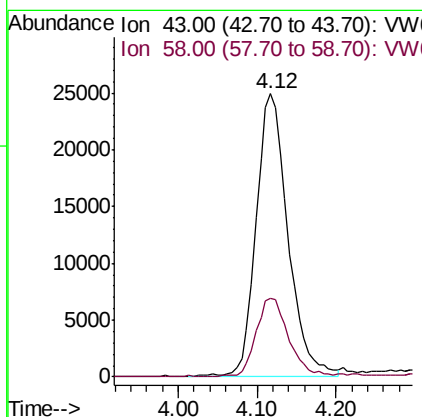
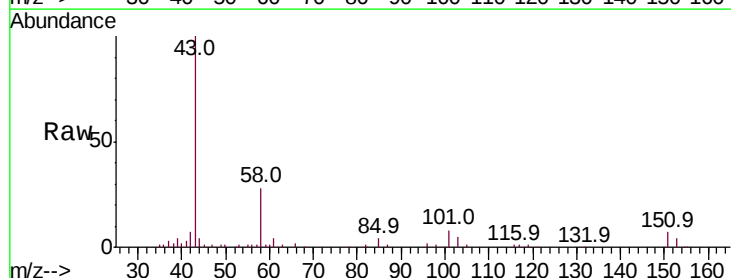
RT: 4.12 min Scan# 363

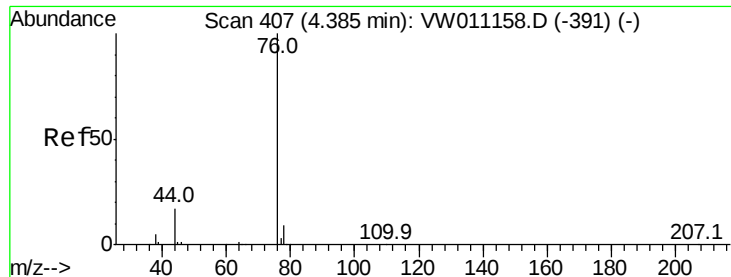
Delta R.T. 0.00 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Tgt Ion:	43	Resp:	70308
Ion Ratio	Lower	Upper	
43	100		
58	27.3	21.8	32.6





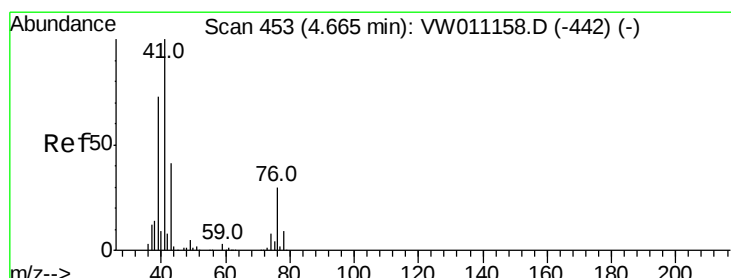
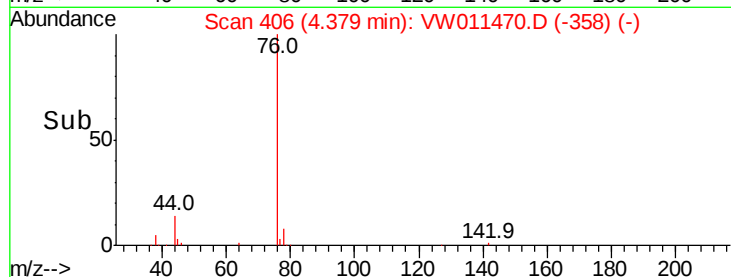
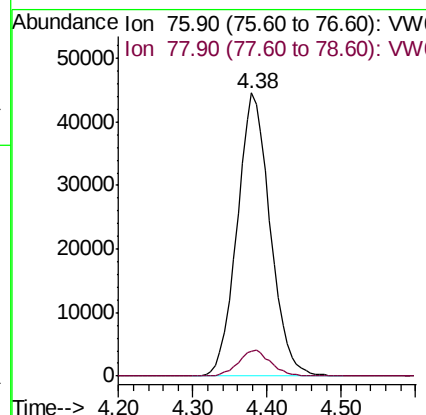
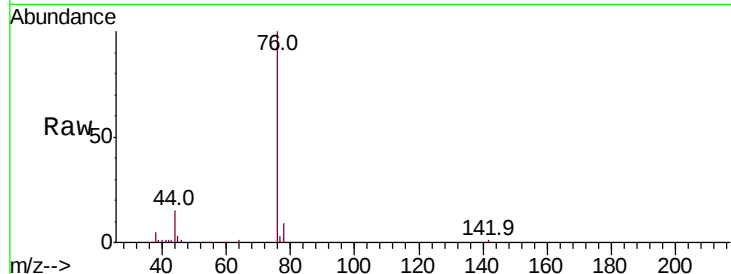
#17
Carbon Disulfide
Concen: 17.409 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

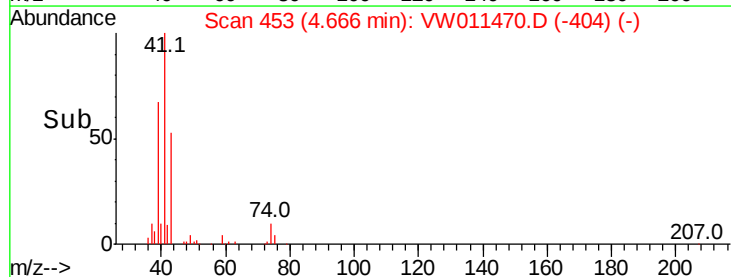
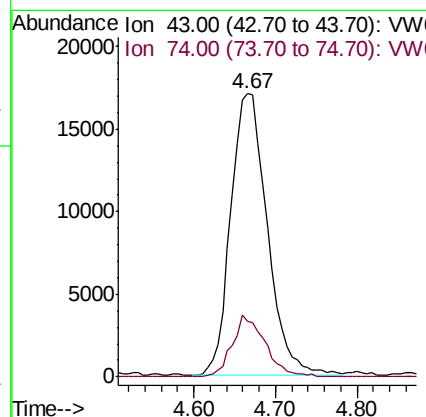
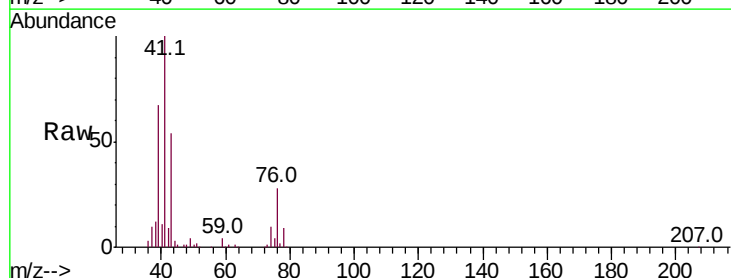
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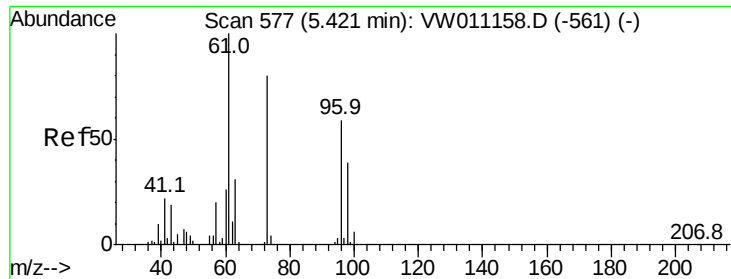
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#18
Methyl Acetate
Concen: 25.241 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.9	15.7	23.5





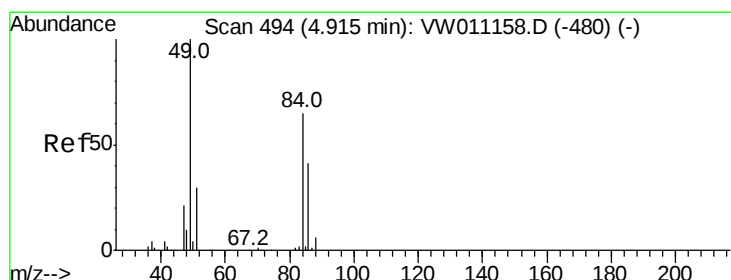
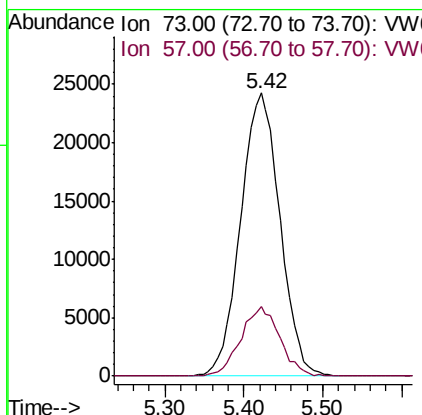
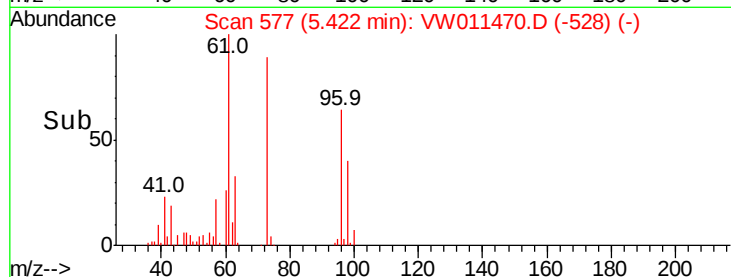
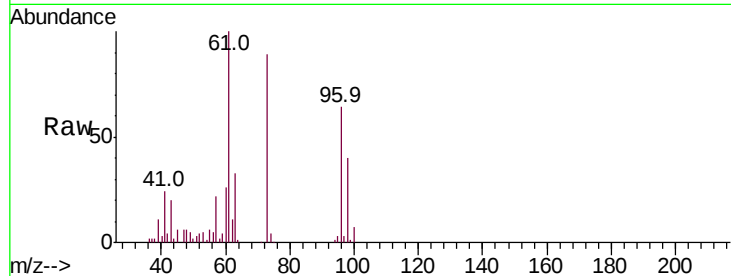
#19
Methvl tert-butvl Ether
Concen: 21.135 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion: 73 Resp: 83951
Ion Ratio Lower Upper
73 100
57 24.7 19.7 29.5

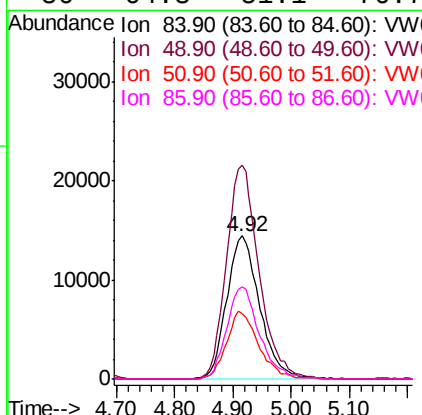
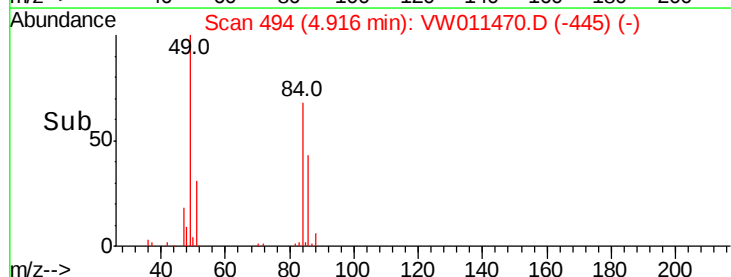
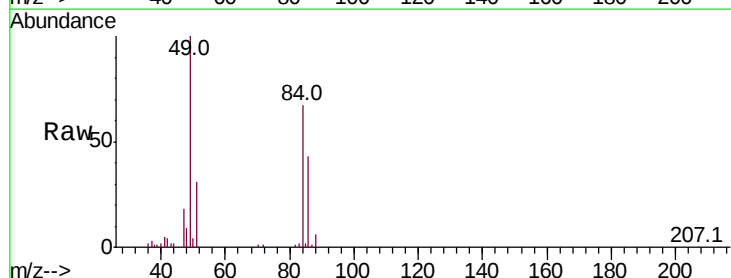
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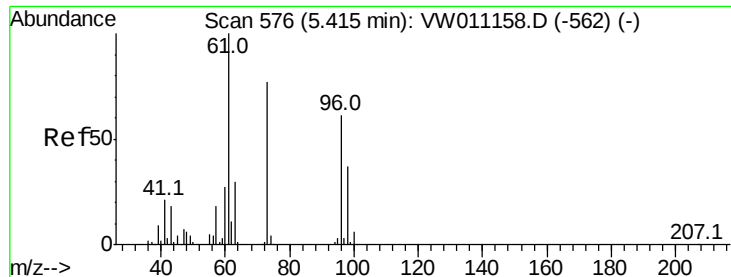
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#20
Methylene Chloride
Concen: 20.137 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion: 84 Resp: 56599
Ion Ratio Lower Upper
84 100
49 149.1 123.8 185.6
51 46.0 37.4 56.2
86 64.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.200 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Instrument :

MSVOA_W

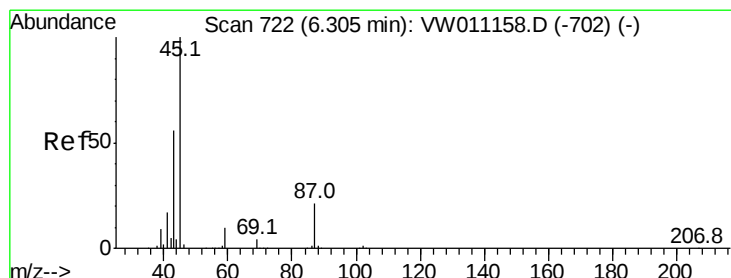
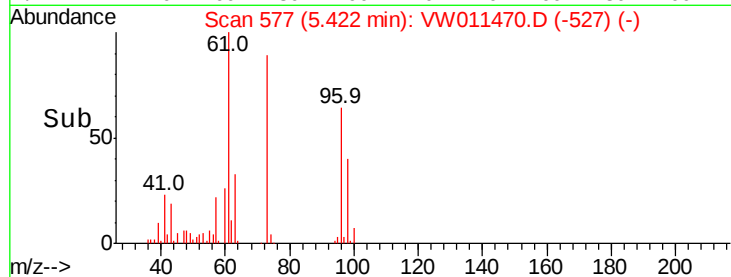
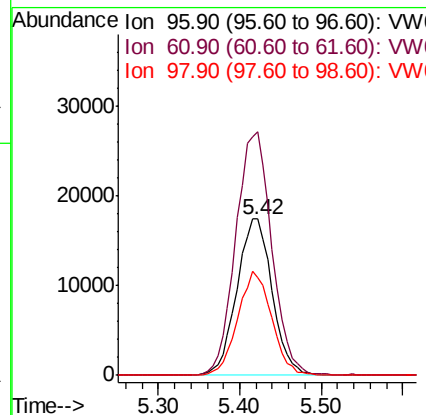
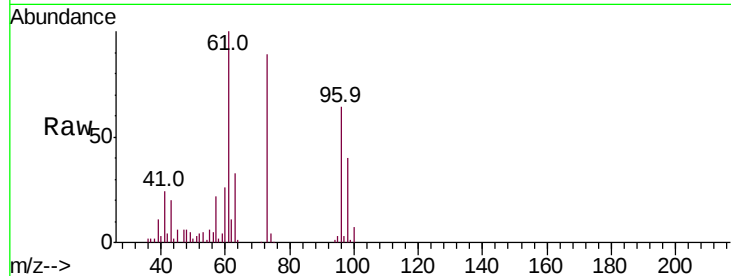
ClientSampleId :

VW0725SBSD01

Tot Ion:	96	Resp:	52228
Ion Ratio	Lower	Upper	
96	100		
61	155.6	132.2	198.2
98	62.7	49.4	74.0

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#22

Diisopropyl ether

Concen: 19.940 ug/l

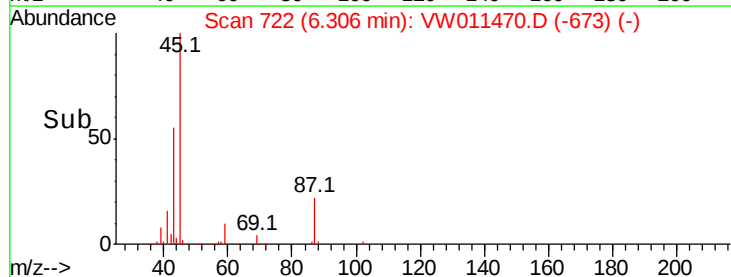
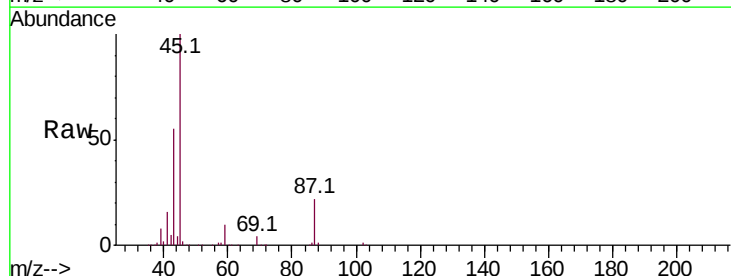
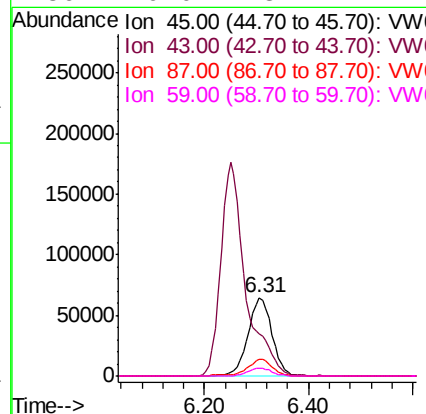
RT: 6.31 min Scan# 722

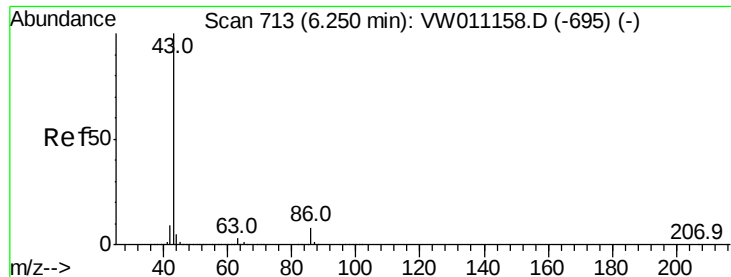
Delta R.T. 0.00 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Tgt Ion:	45	Resp:	204735
Ion Ratio	Lower	Upper	
45	100		
43	54.6	44.6	66.8
87	21.6	17.3	25.9
59	10.0	8.2	12.2





#23

Vinyl Acetate

Concen: 92.350 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

Tot Ion: 43 Resp: 586827

Ion Ratio Lower Upper

43 100

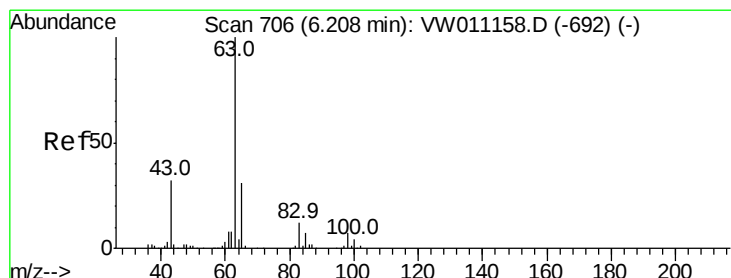
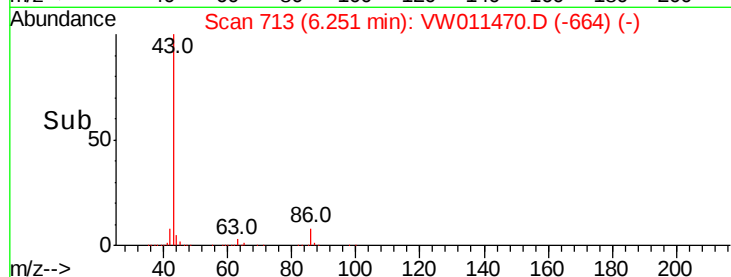
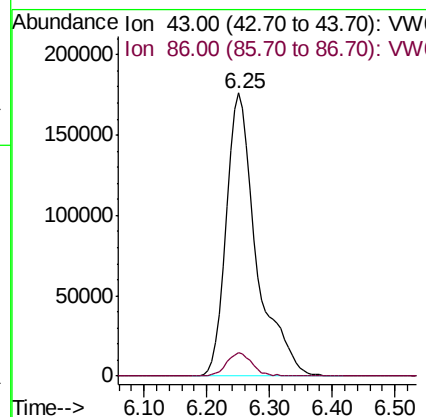
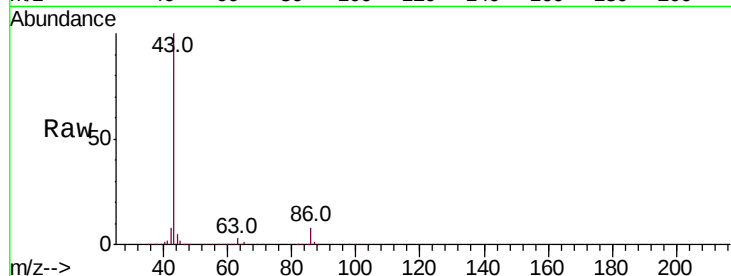
86 8.3 6.5 9.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.705 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.01 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

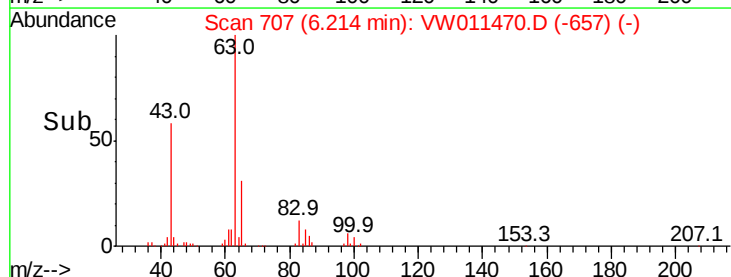
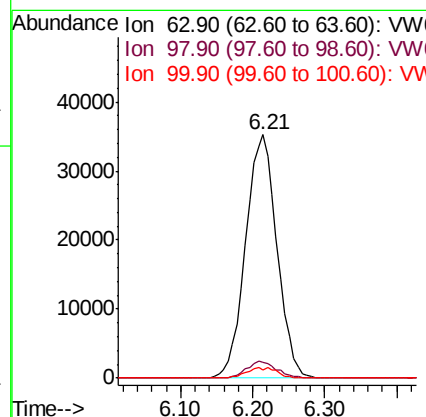
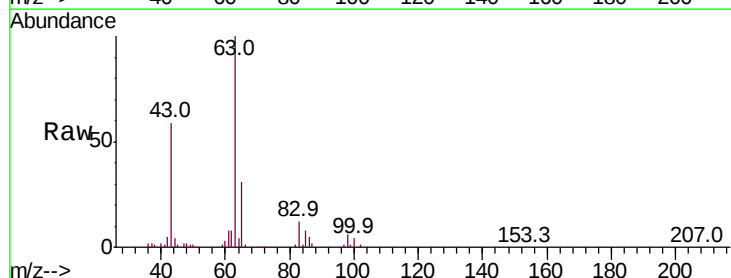
Tgt Ion: 63 Resp: 106243

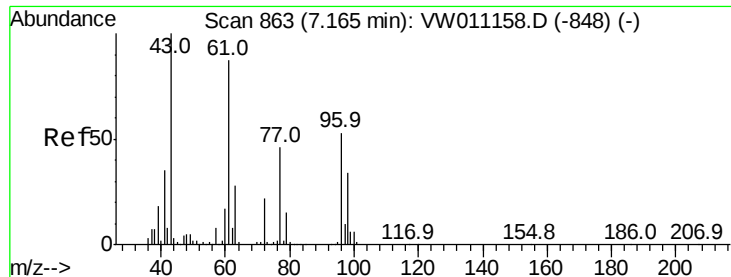
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 3.5 2.1 6.2





#25

2-Butanone

Concen: 99.882 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

Tot Ion: 43 Resp: 111708

Ion Ratio Lower Upper

43 100

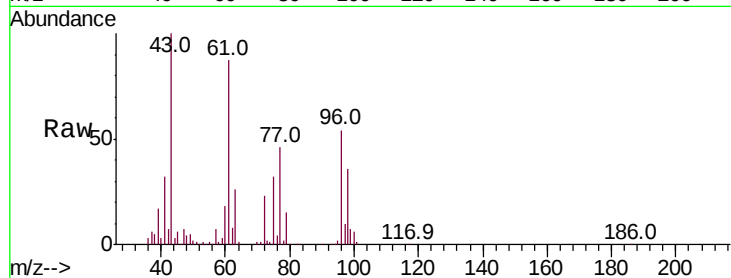
72 22.7 17.6 26.4

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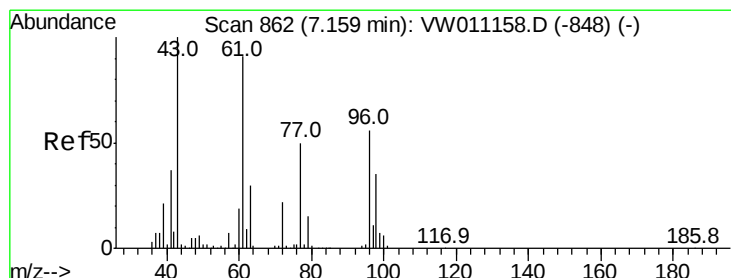
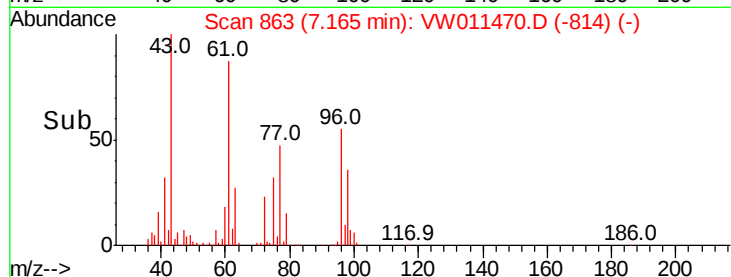
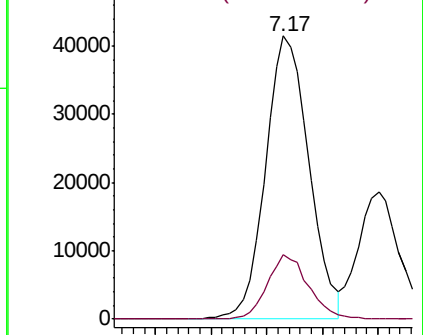
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 21.400 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW011470.D

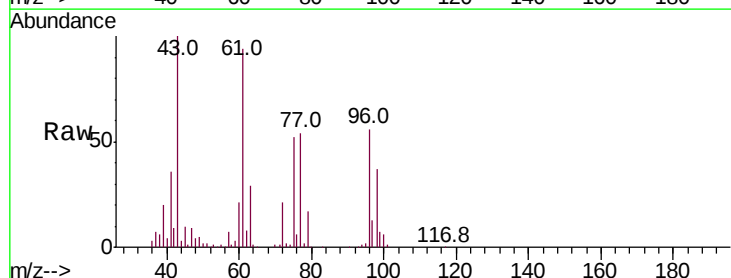
Acq: 24 Jul 2019 13:07

Tgt Ion: 77 Resp: 59978

Ion Ratio Lower Upper

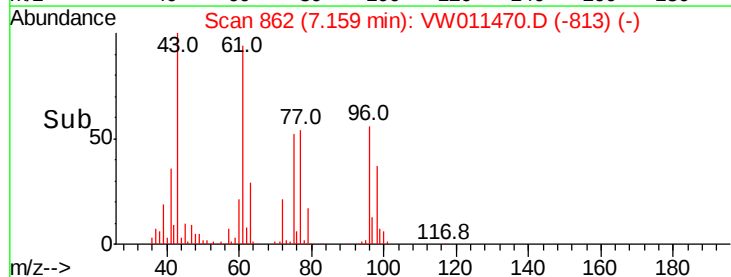
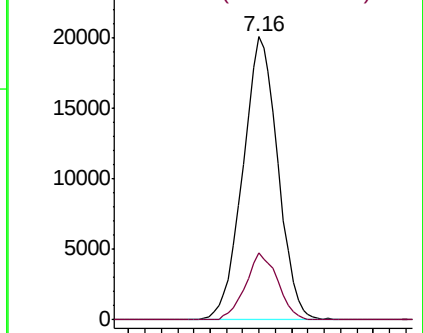
77 100

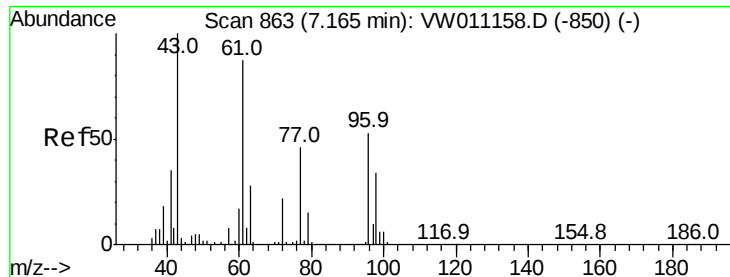
97 21.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

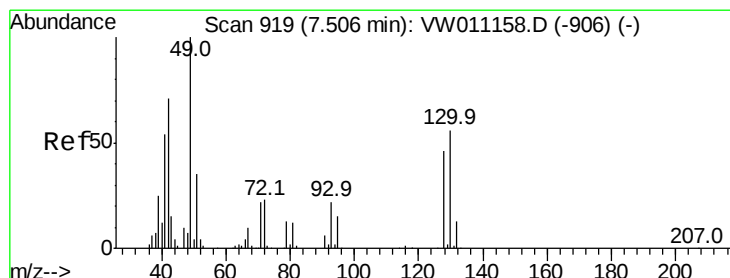
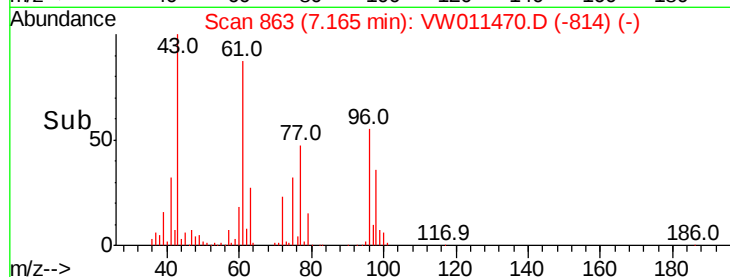
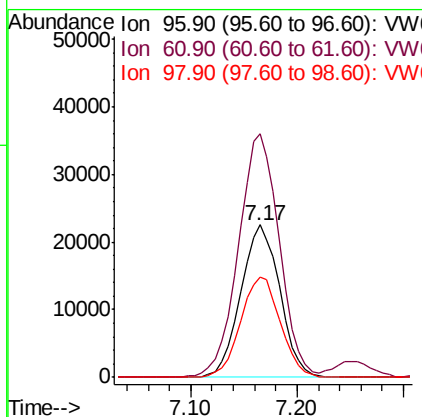
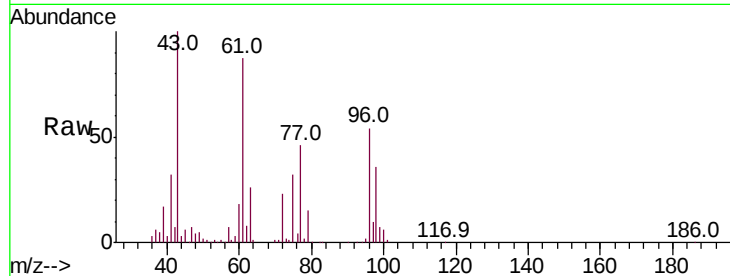
cis-1,2-Dichloroethene
Concen: 19.758 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	167.0	0.0	325.6
98	67.2	0.0	128.2

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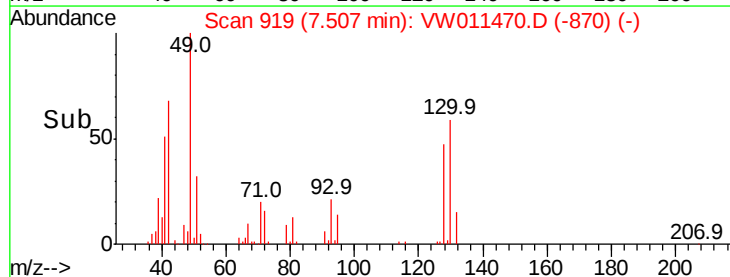
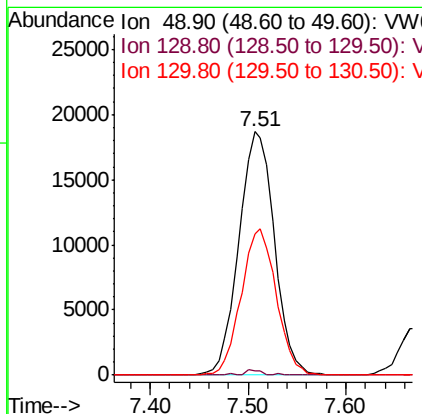
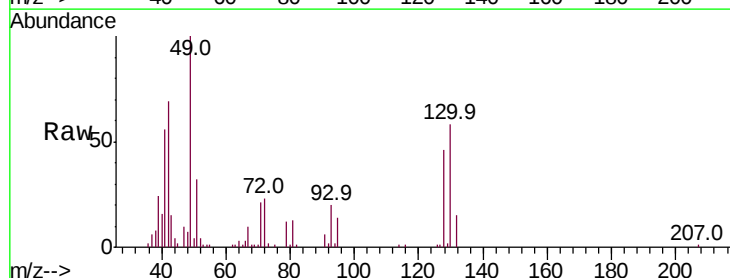
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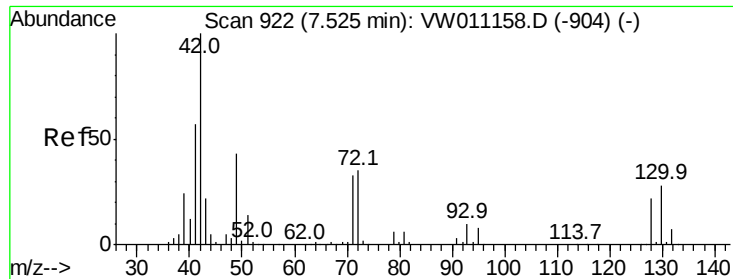


#28

Bromochloromethane
Concen: 19.275 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	1.4
130	59.3	45.8	68.8





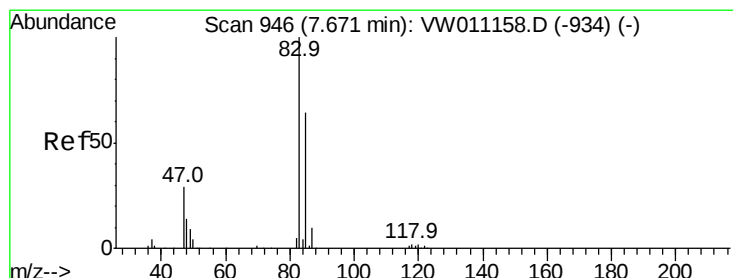
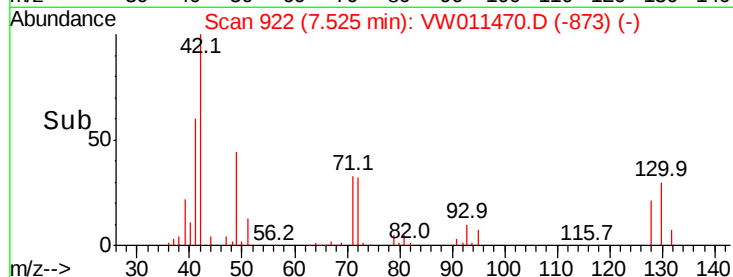
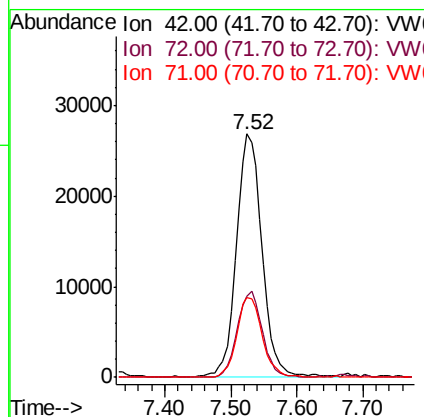
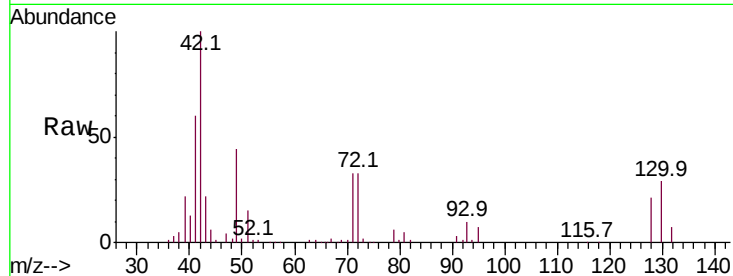
#29
Tetrahydrofuran
Concen: 98.864 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.4	27.4	41.2
71	32.3	25.9	38.9

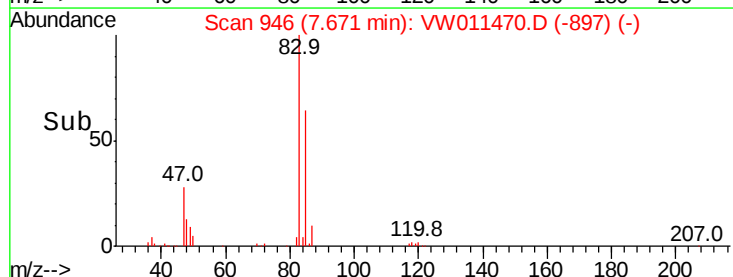
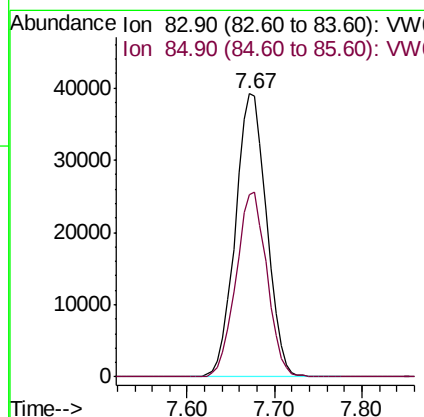
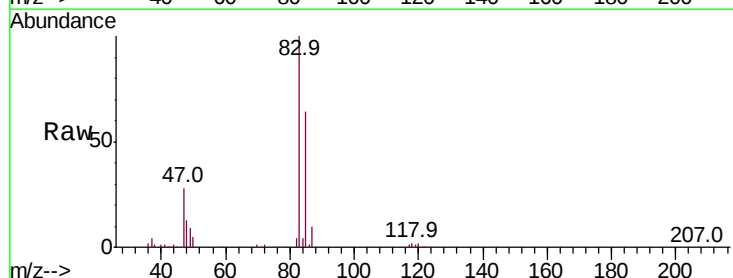
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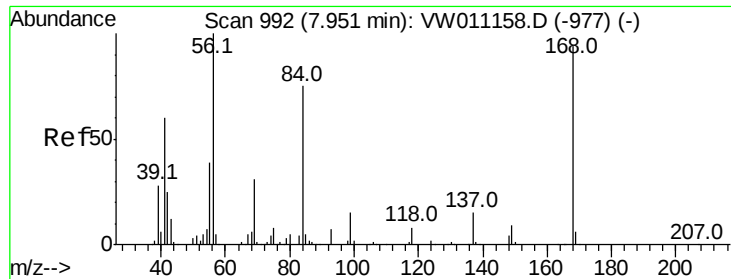
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#30
Chloroform
Concen: 19.485 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2





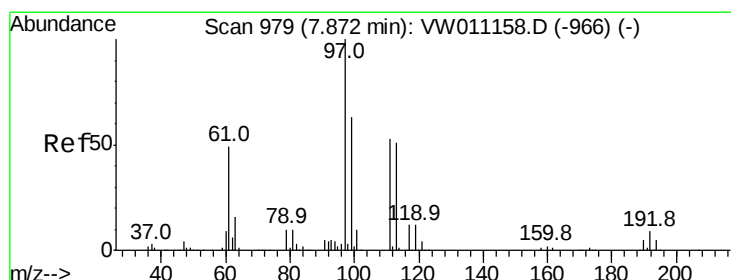
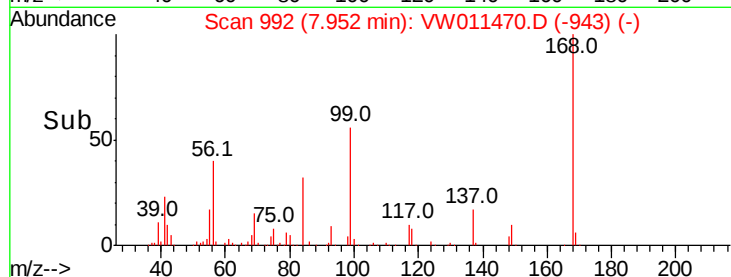
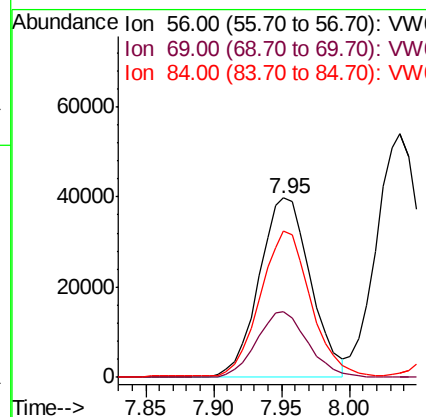
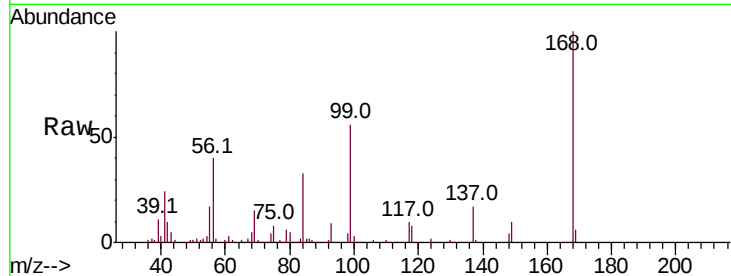
#31
Cyclohexane
Concen: 18.285 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.3	24.6	36.8
84	80.6	60.1	90.1

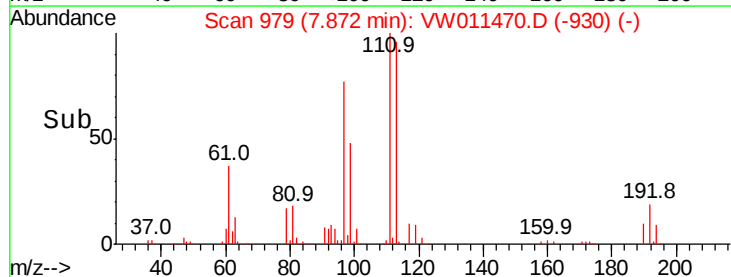
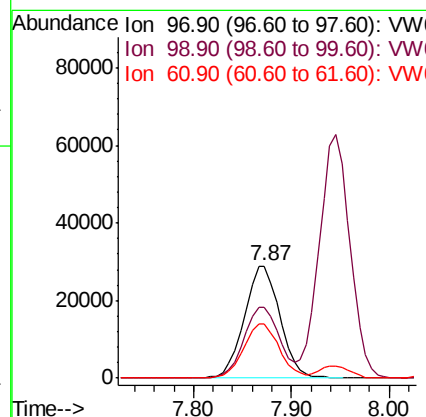
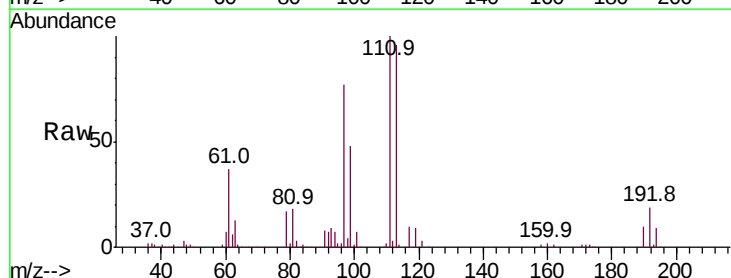
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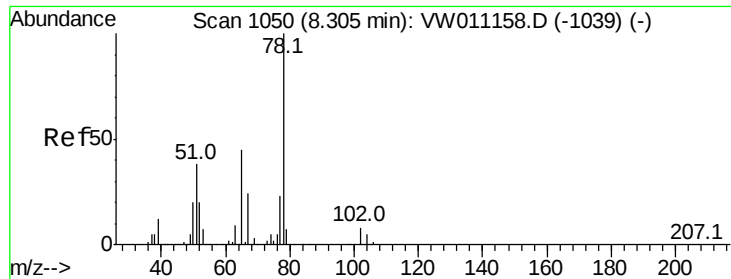
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#32
1,1,1-Trichloroethane
Concen: 19.199 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.0	76.4
61	48.8	40.4	60.6





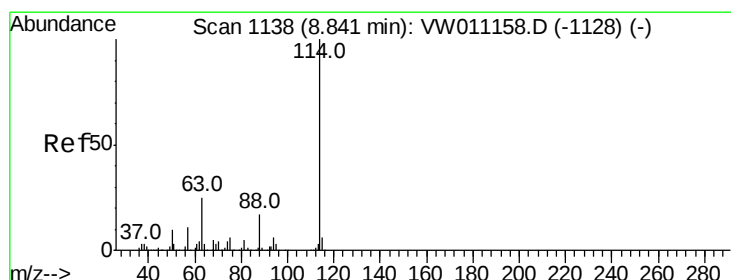
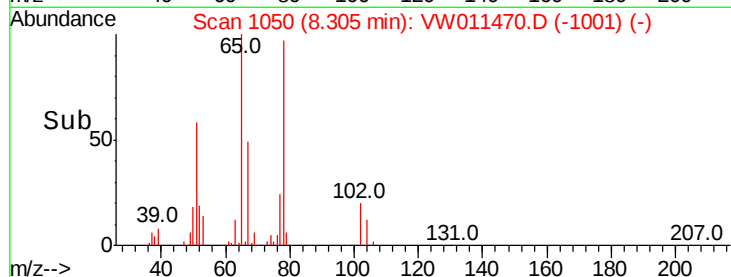
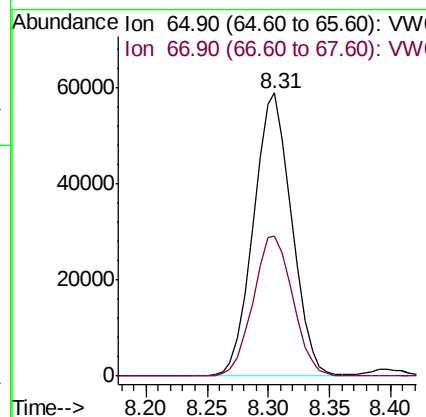
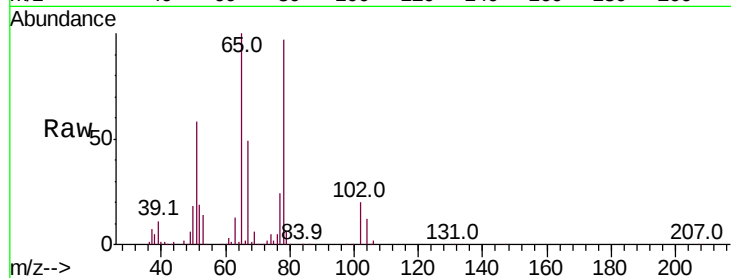
#33
 1,2-Dichloroethane-d4
 Concen: 43.031 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011470.D
 Acq: 24 Jul 2019 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.4

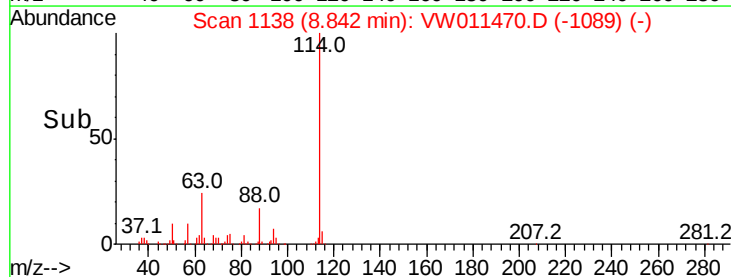
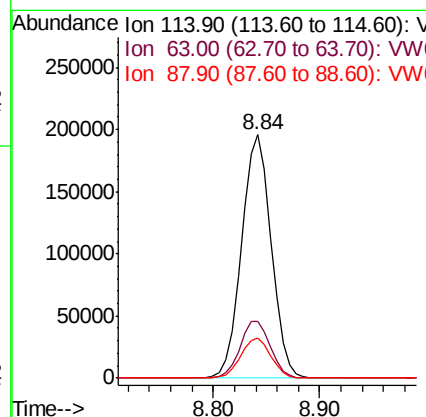
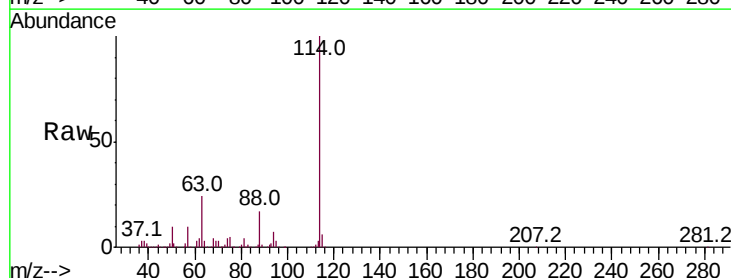
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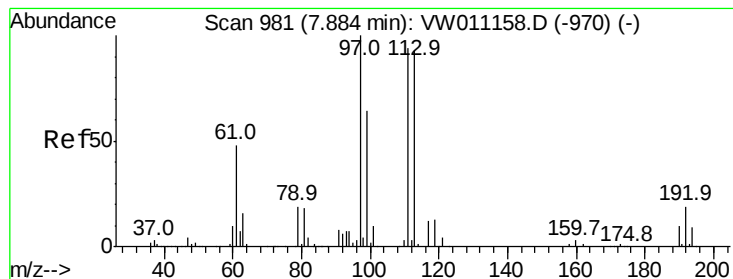
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011470.D
 Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	50.8
88	16.6	0.0	34.2





#35

Dibromofluoromethane

Concen: 45.555 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Instrument :

MSVOA_W

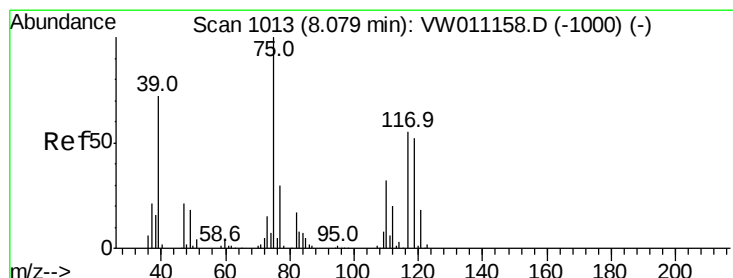
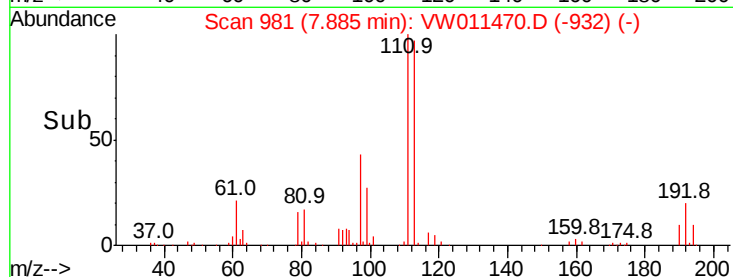
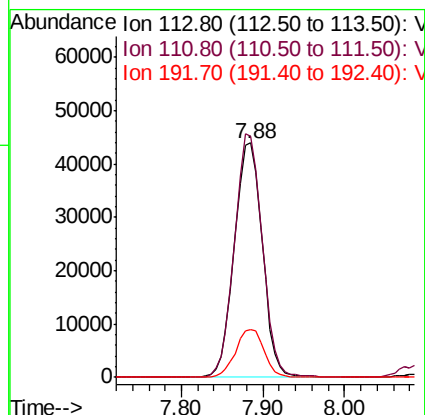
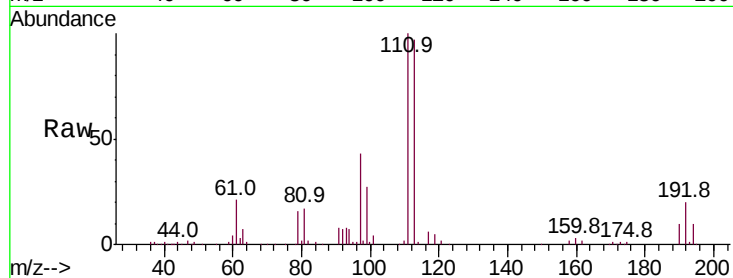
ClientSampleId :

VW0725SBS01

Tot Ion:	113	Resp:	104187
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.4	123.6
192	20.8	15.8	23.8

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#36

1,1-Dichloropropene

Concen: 19.019 ug/l

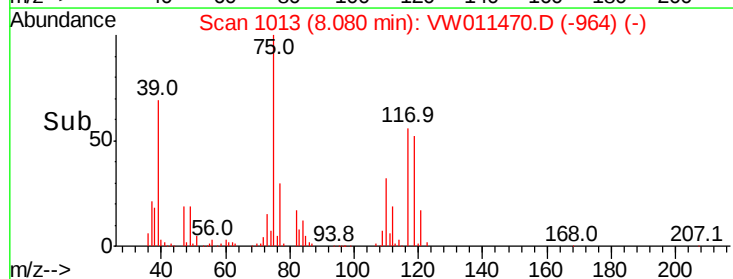
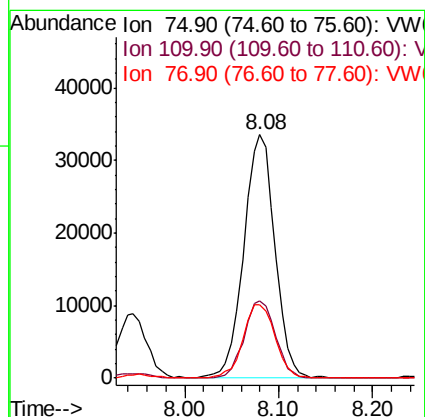
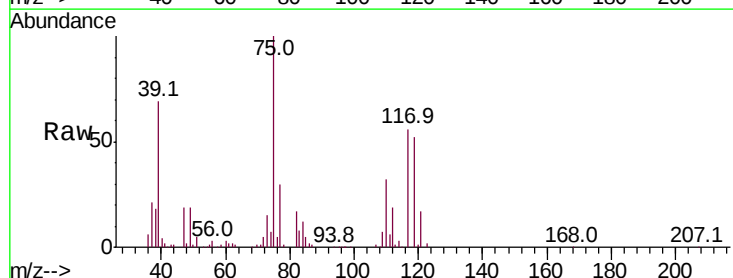
RT: 8.08 min Scan# 1013

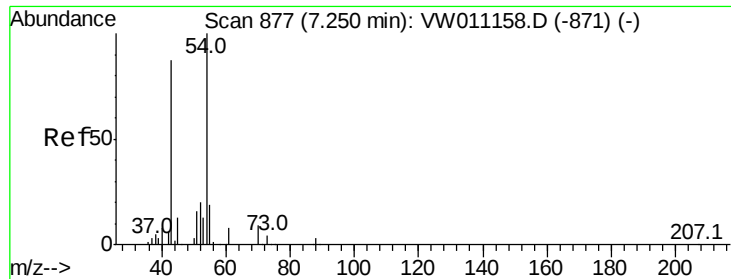
Delta R.T. 0.00 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Tgt Ion:	75	Resp:	77714
Ion Ratio	Lower	Upper	
75	100		
110	32.0	15.9	47.6
77	31.2	24.6	36.8





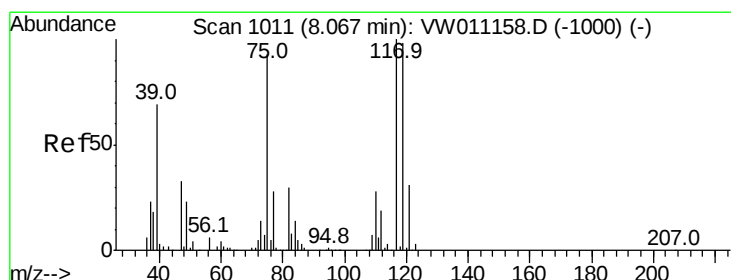
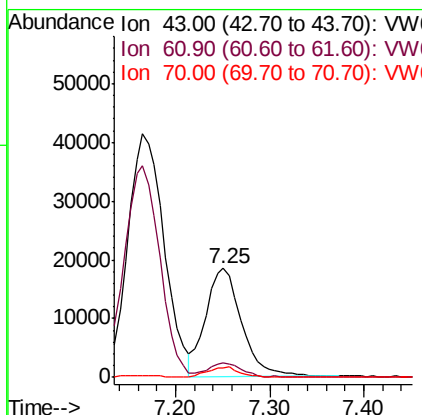
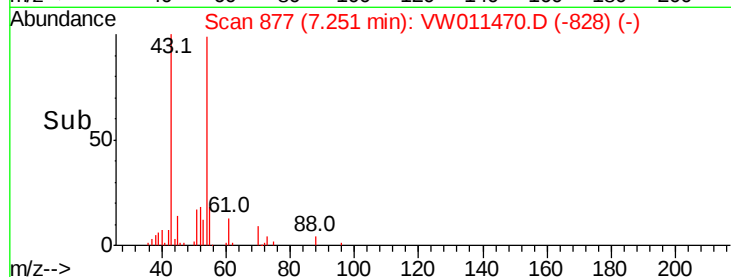
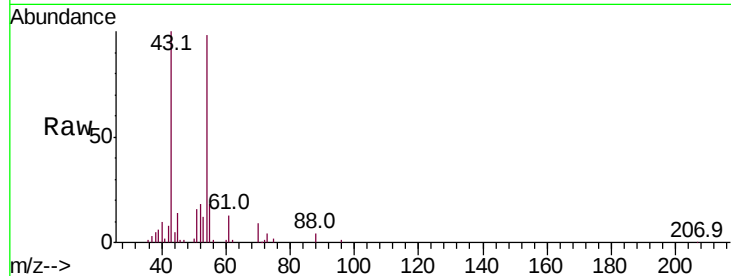
#37
Ethyl Acetate
Concen: 19.780 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleID :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.5	14.3
70	8.7	7.1	10.7

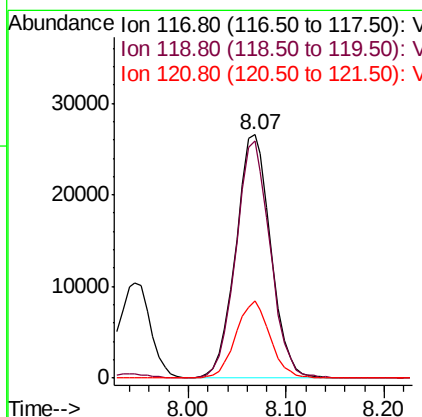
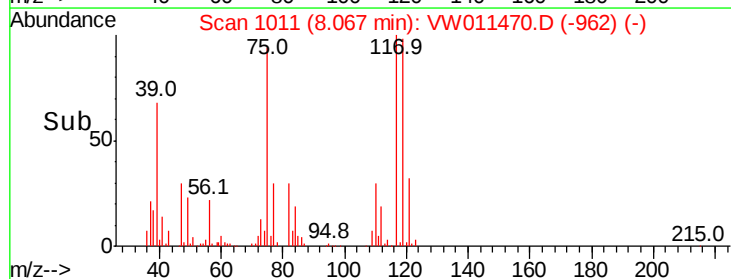
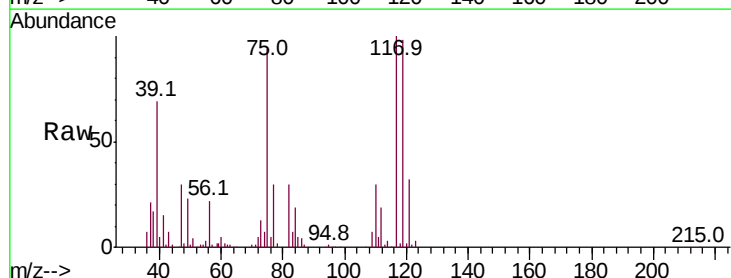
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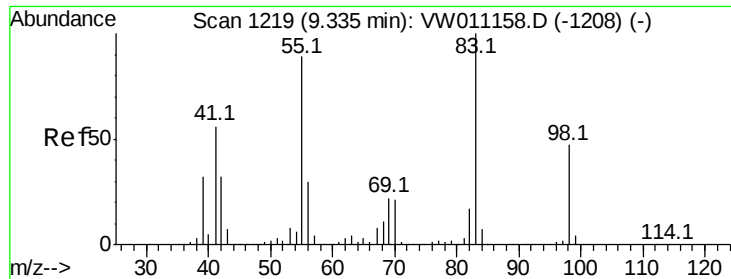
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#38
Carbon Tetrachloride
Concen: 18.966 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	78.1	117.1
121	31.5	25.1	37.7





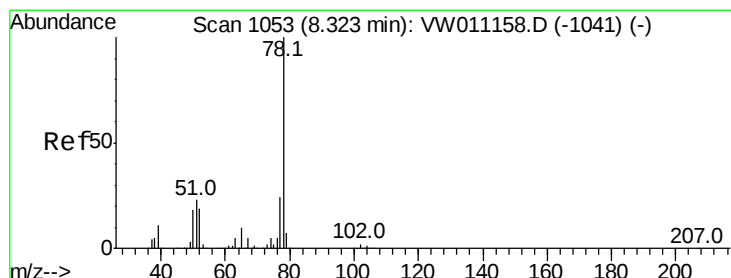
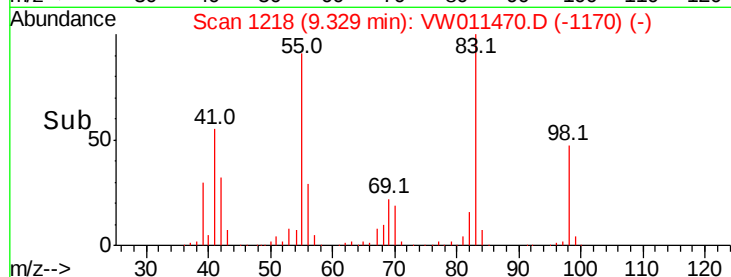
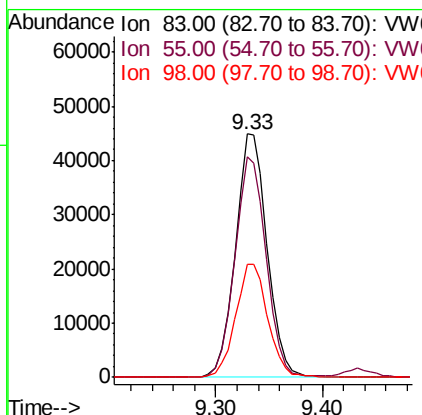
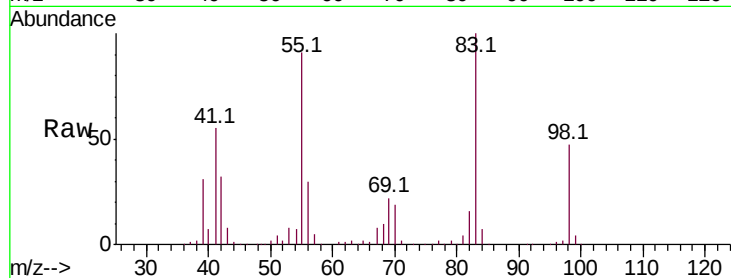
#39
Methvlcvclohexane
Concen: 18.938 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.6	71.2	106.8
98	46.5	37.5	56.3

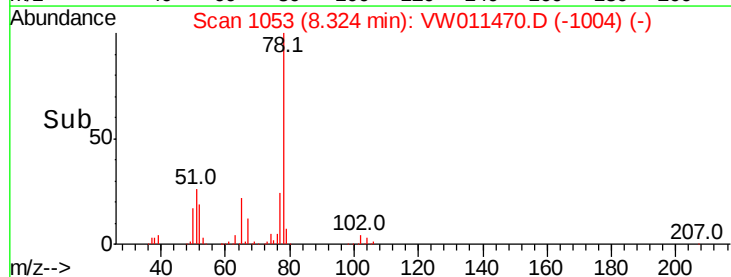
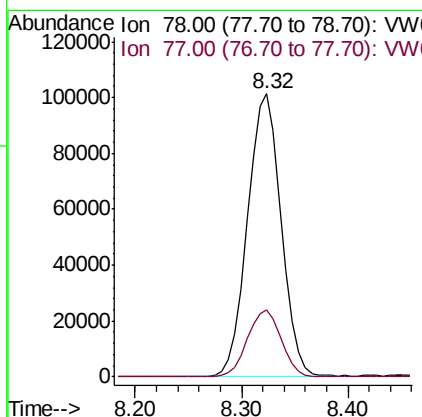
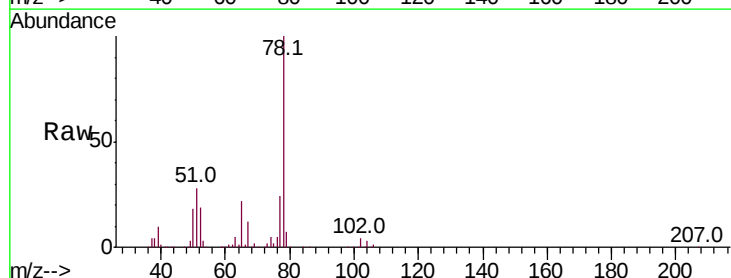
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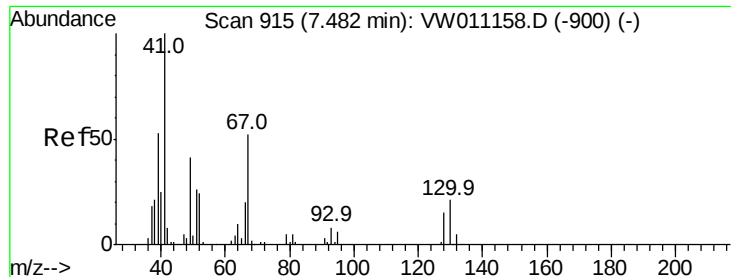
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#40
Benzene
Concen: 19.918 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6





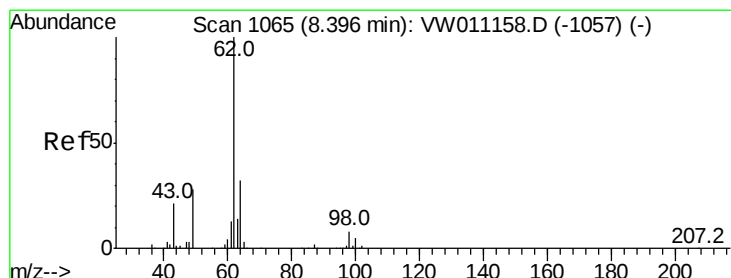
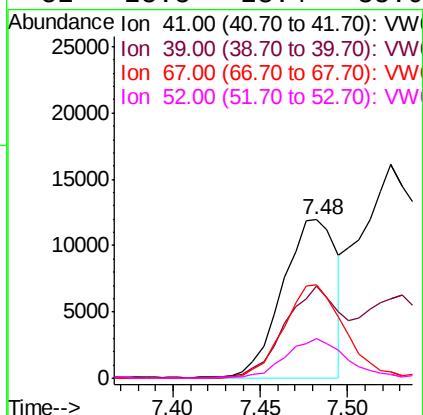
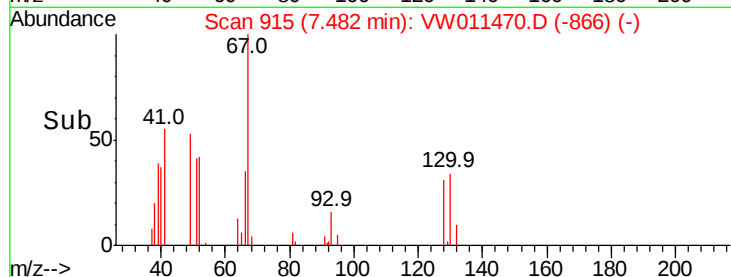
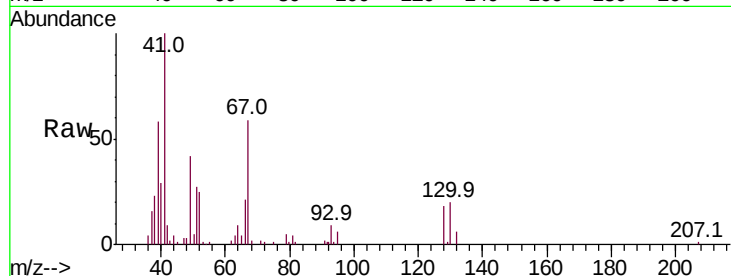
#41
Methacrylonitrile
Concen: 18.509 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.5	48.0	72.0
67	66.9	49.7	74.5
52	28.8	23.4	35.0

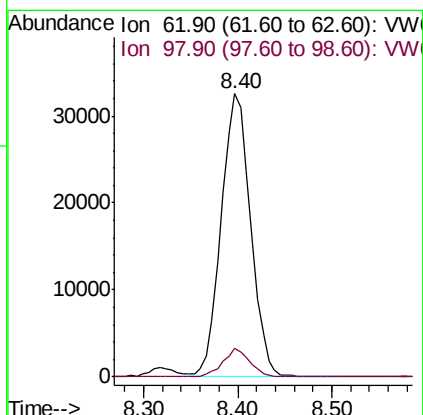
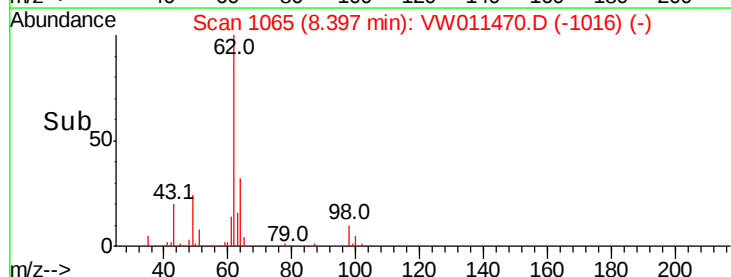
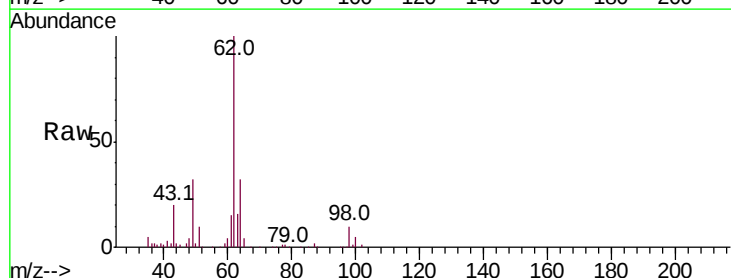
Manual Integrations
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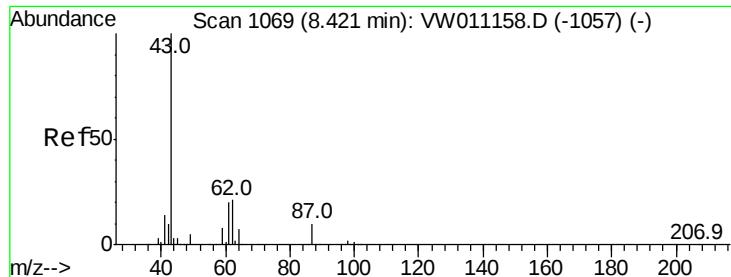
MMDadoda
7/25/2019 8:18:11 AM



#42
1,2-Dichloroethane
Concen: 19.244 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.8





#43

Isopropyl Acetate

Concen: 19.346 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Instrument :

MSVOA_W

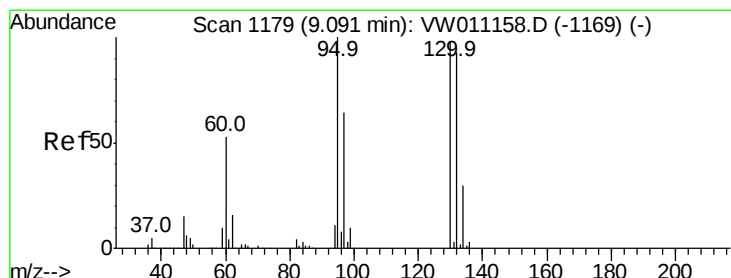
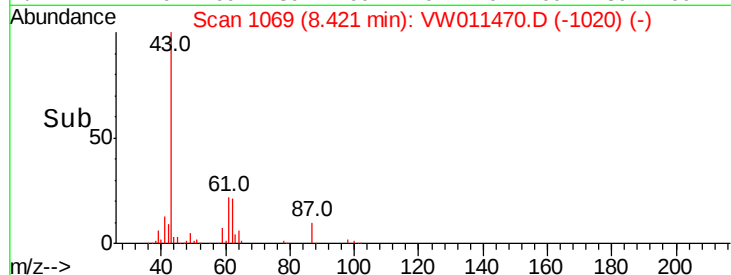
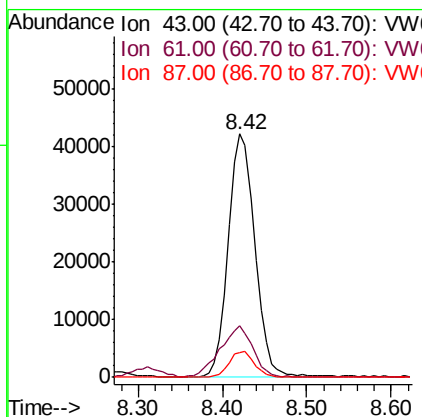
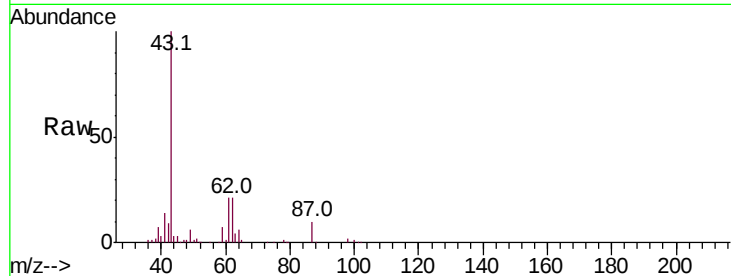
ClientSampleId :

VW0725SBS01

Tot Ion:	43	Resp:	89670
Ion	Ratio	Lower	Upper
43	100		
61	26.4	20.7	31.1
87	10.3	8.1	12.1

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#44

Trichloroethene

Concen: 19.767 ug/l

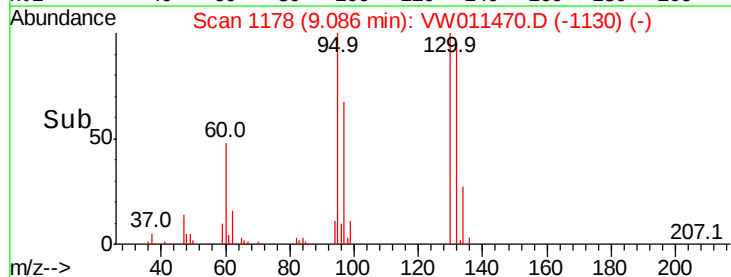
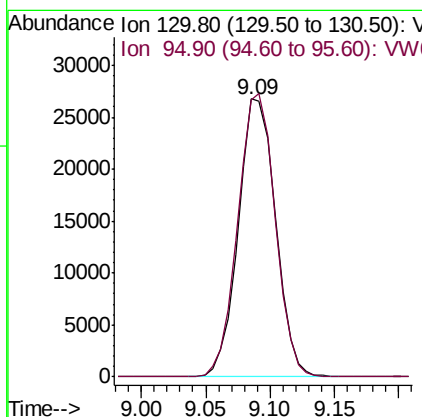
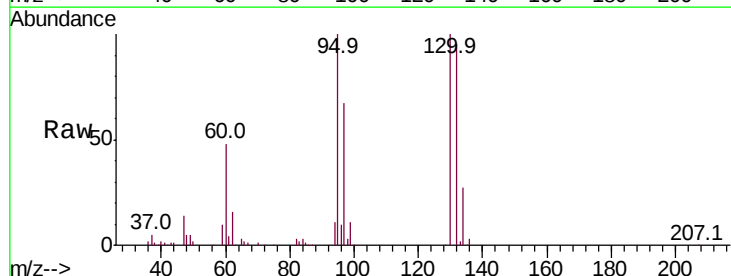
RT: 9.09 min Scan# 1178

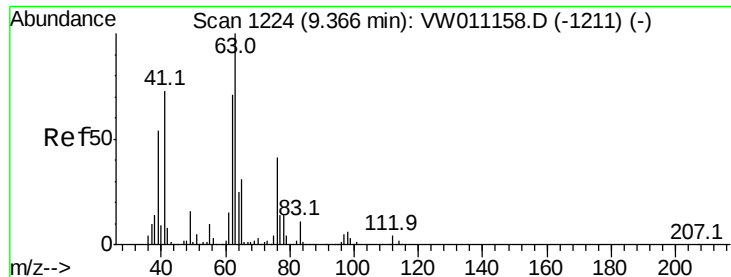
Delta R.T. -0.01 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Tgt Ion:	130	Resp:	53714
Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	203.6





#45

1,2-Dichloropropane

Concen: 19.786 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

Tot Ion: 63 Resp: 60503

Ion Ratio Lower Upper

63 100

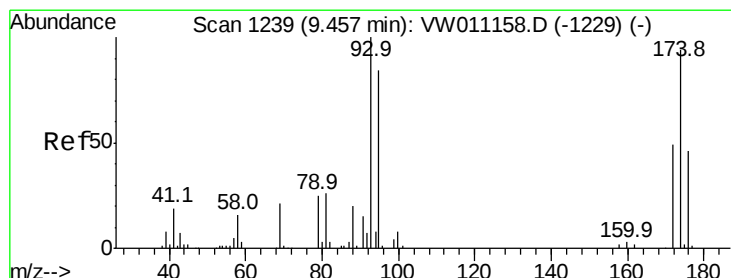
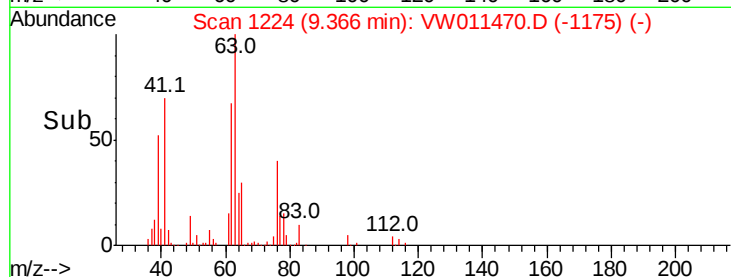
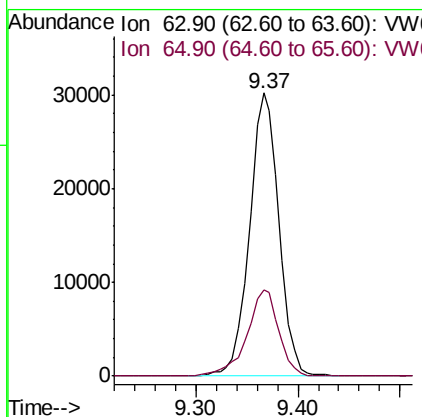
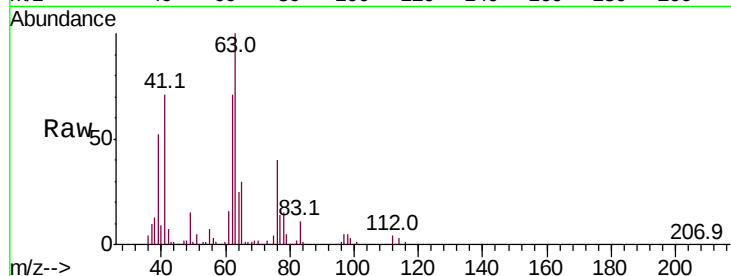
65 30.4 24.4 36.6

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#46

Dibromomethane

Concen: 19.537 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

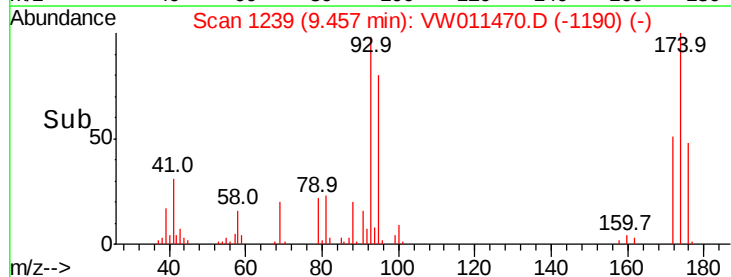
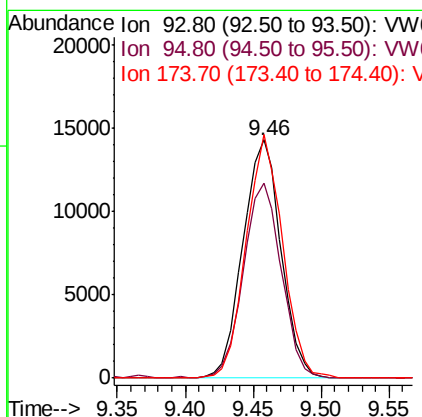
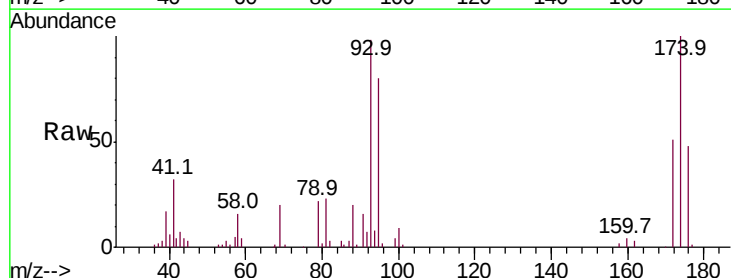
Tgt Ion: 93 Resp: 28064

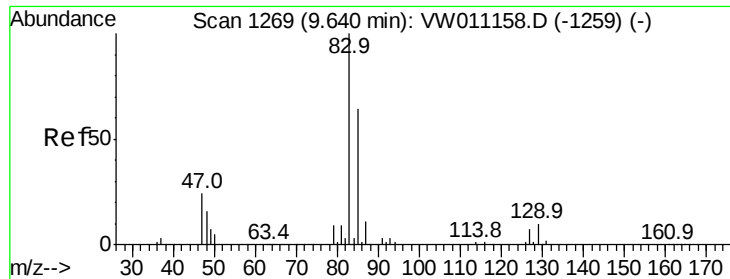
Ion Ratio Lower Upper

93 100

95 81.5 67.2 100.8

174 97.8 76.3 114.5





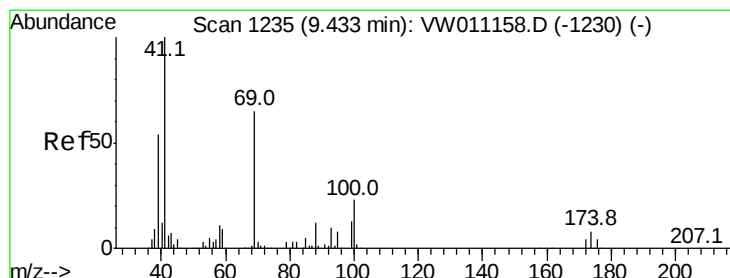
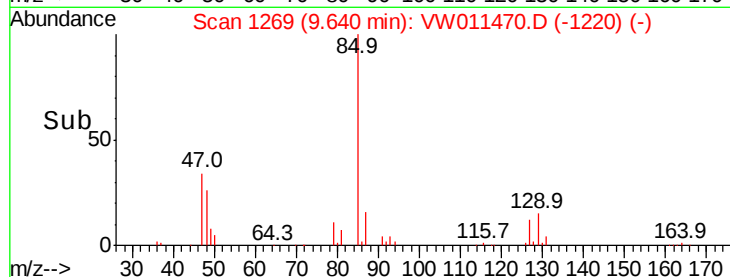
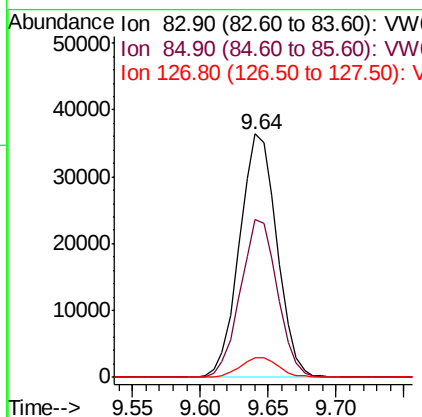
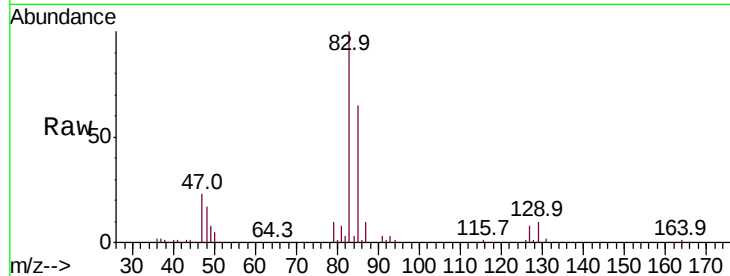
#47
 Bromodichloromethane
 Concen: 19.061 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW011470.D
 Acq: 24 Jul 2019 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

Tot Ion	83	Resp	70057
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.0	76.4
127	8.0	6.0	9.0

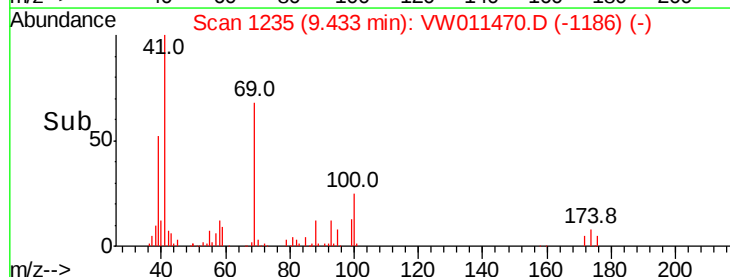
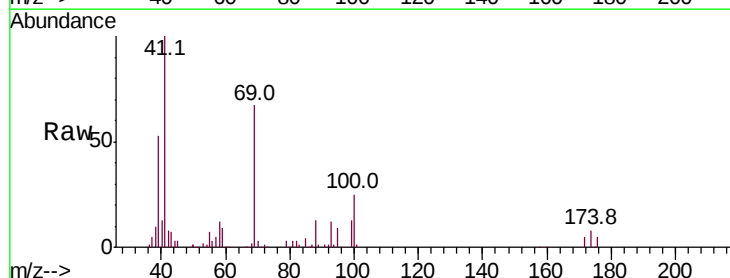
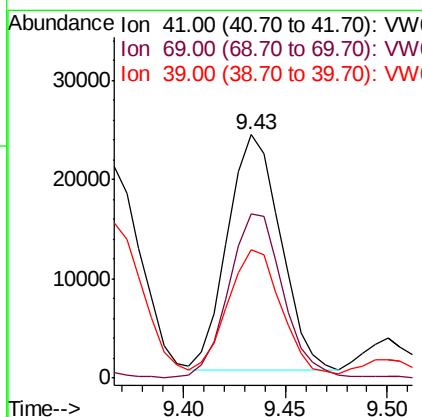
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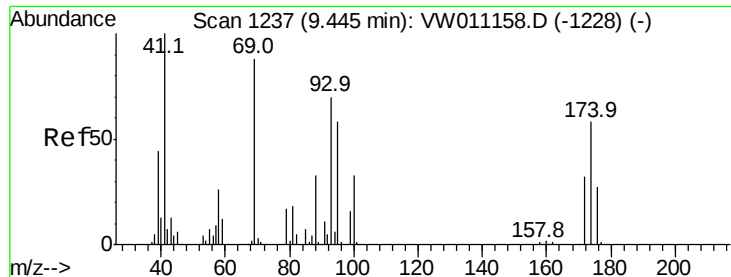
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#48
 Methyl methacrylate
 Concen: 19.276 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW011470.D
 Acq: 24 Jul 2019 13:07

Tgt Ion	41	Resp	42984
Ion	Ratio	Lower	Upper
41	100		
69	72.0	56.0	84.0
39	56.2	43.5	65.3





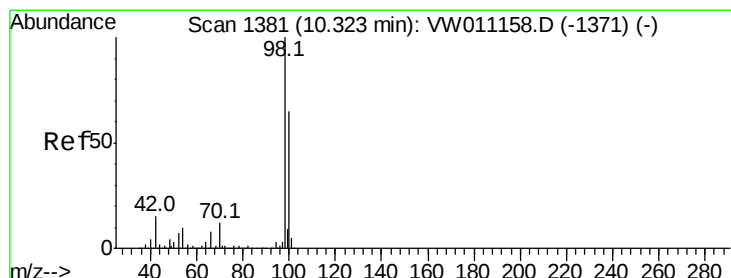
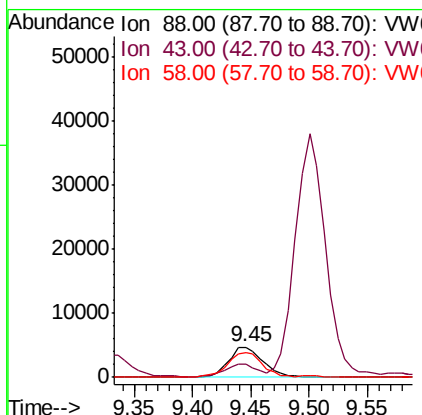
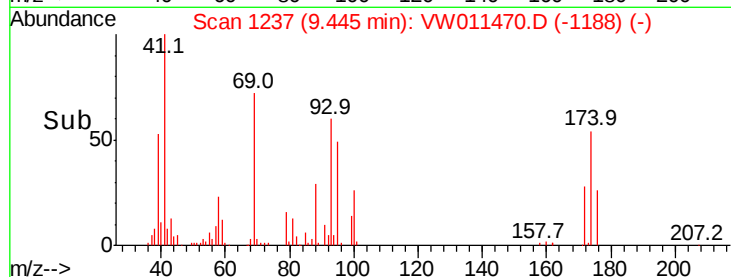
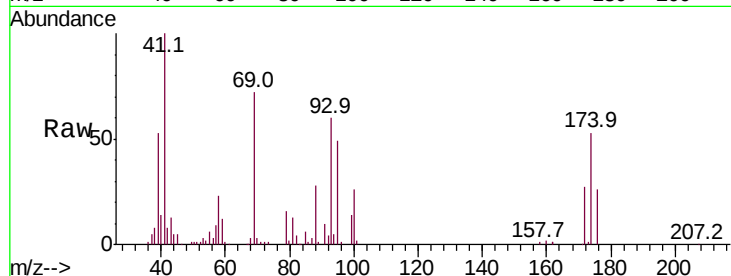
#49
1,4-Dioxane
Concen: 405.051 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.5	33.4	50.0
58	84.1	64.5	96.7

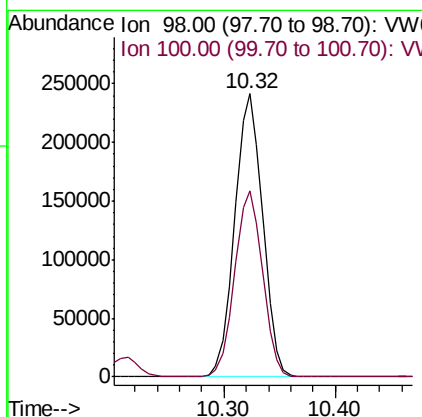
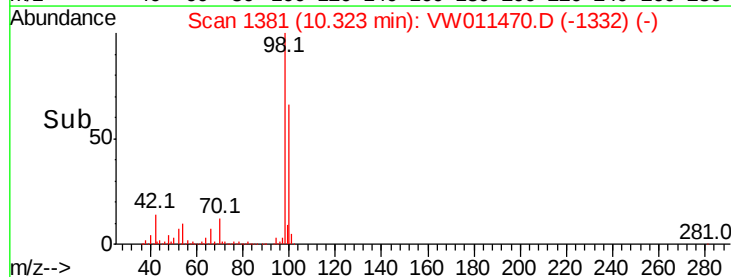
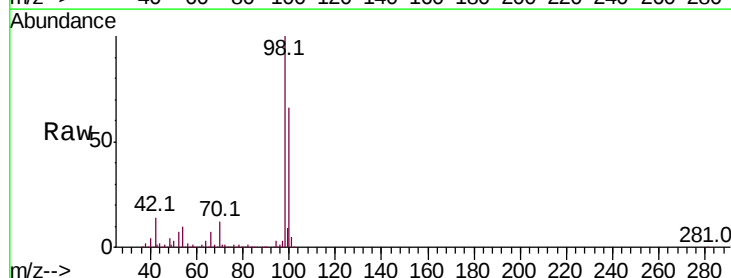
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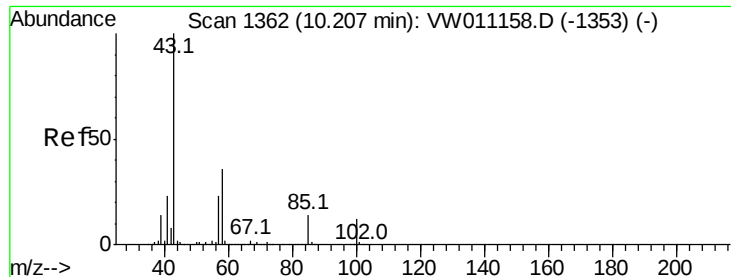
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#50
Toluene-d8
Concen: 45.431 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 97.898 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

Tot Ion: 43 Resp: 237036

Ion Ratio Lower Upper

43 100

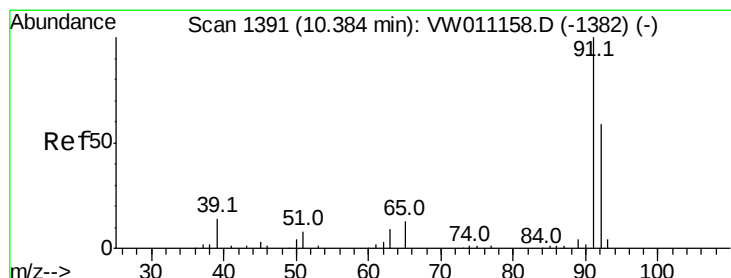
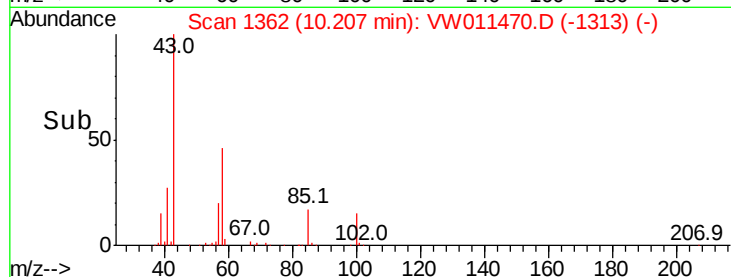
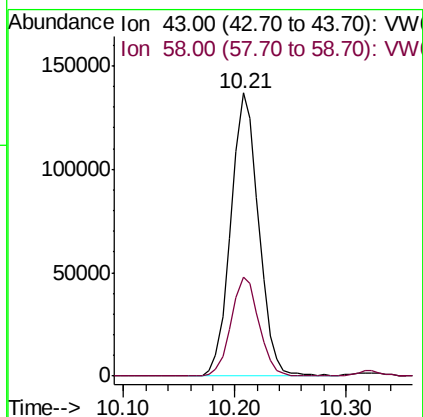
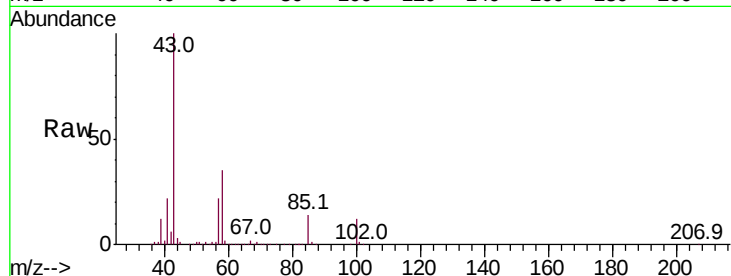
58 35.2 28.2 42.2

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#52

Toluene

Concen: 19.923 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011470.D

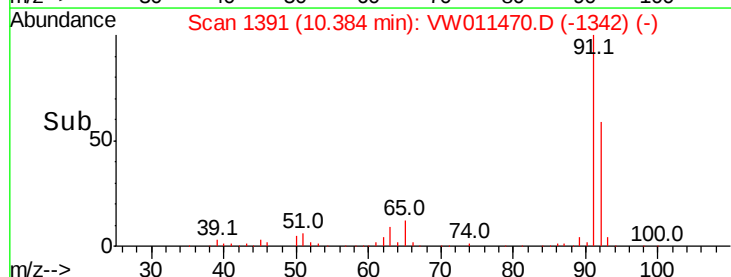
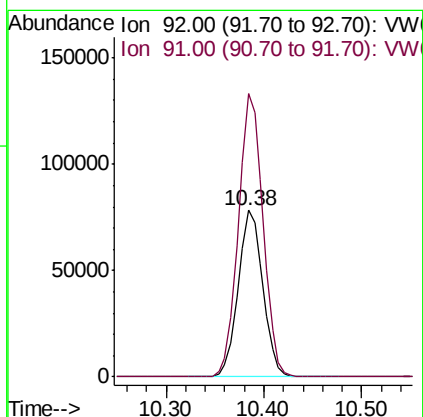
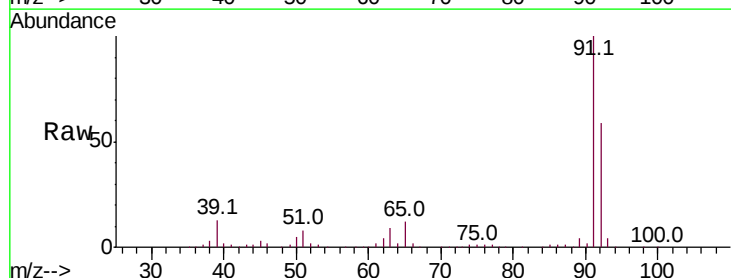
Acq: 24 Jul 2019 13:07

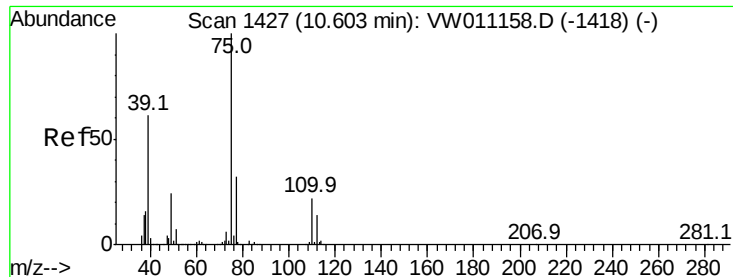
Tgt Ion: 92 Resp: 136478

Ion Ratio Lower Upper

92 100

91 170.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 18.836 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W

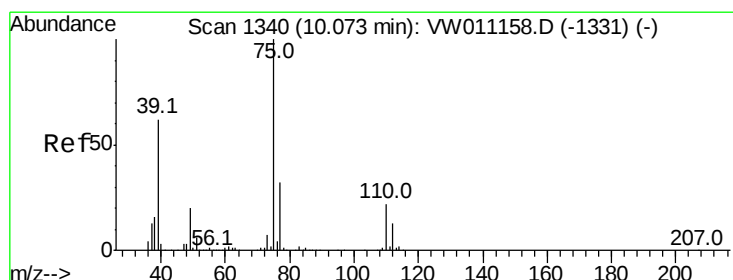
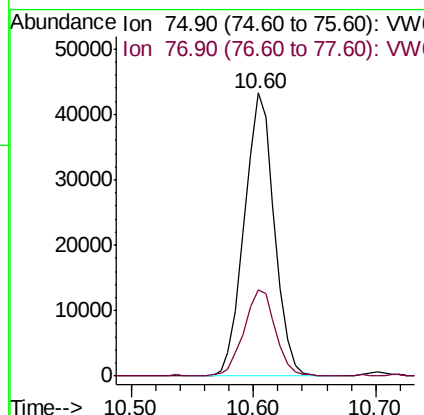
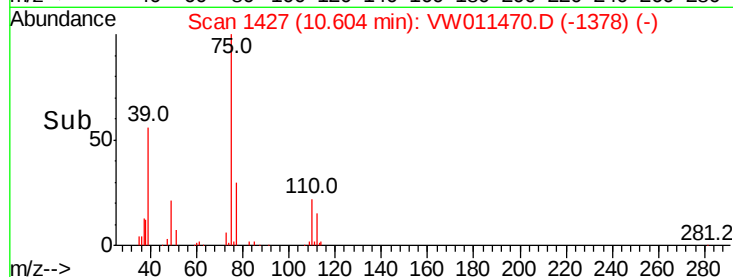
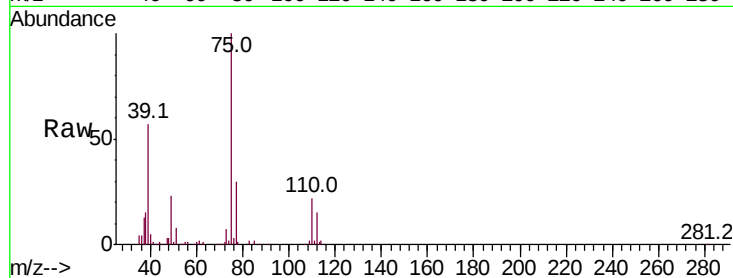
ClientSampleId :
VW0725SBS01

Tot Ion: 75 Resp: 73692

Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.4	38.0

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#54

cis-1,3-Dichloropropene

Concen: 19.024 ug/l

RT: 10.07 min Scan# 1340

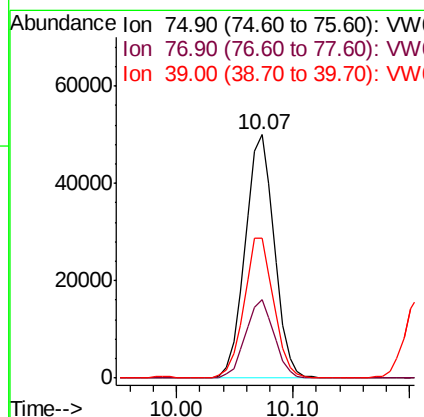
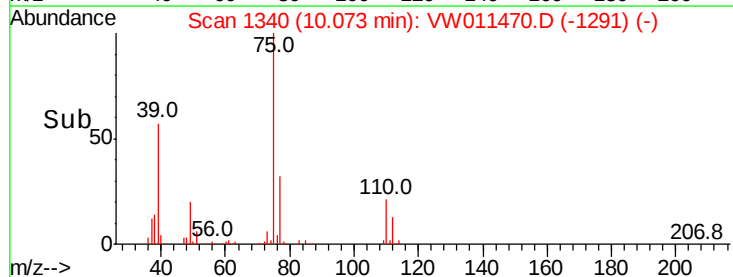
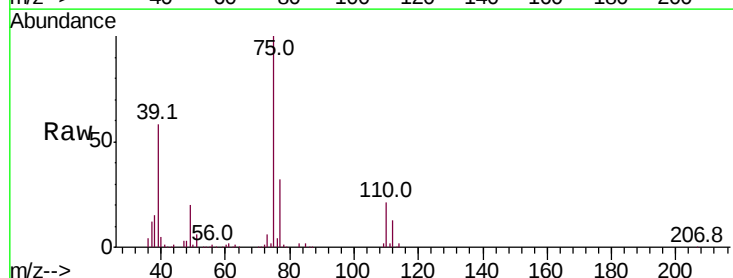
Delta R.T. 0.00 min

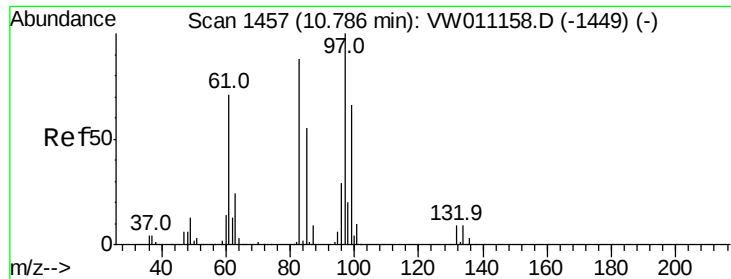
Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Tgt Ion: 75 Resp: 87606

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.7	38.5
39	57.5	49.8	74.8





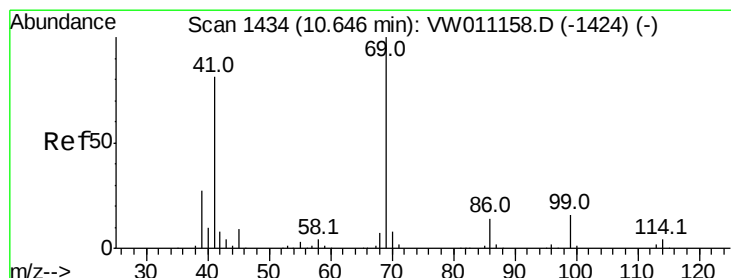
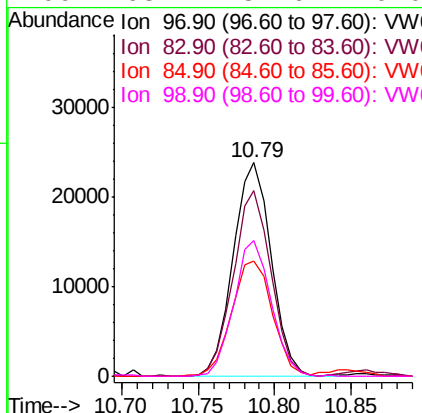
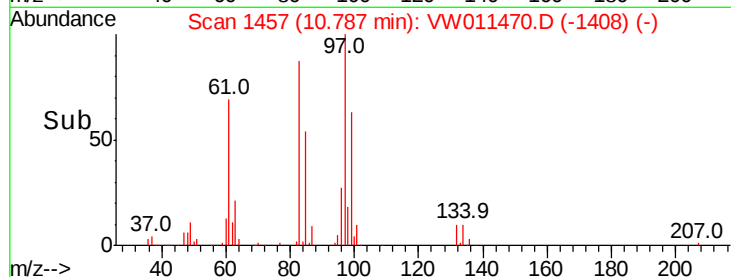
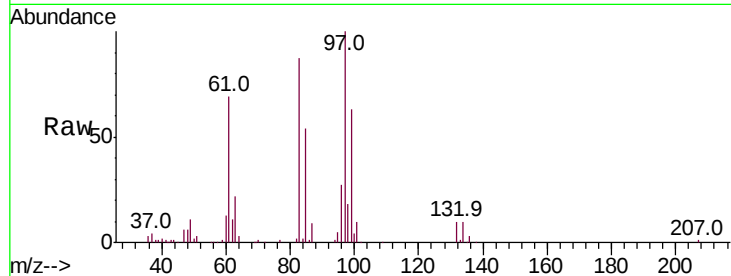
#55
 1,1,2-Trichloroethane
 Concen: 20.230 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011470.D
 Acq: 24 Jul 2019 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

Tot Ion:	97	Resp:	41226
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.2	105.4
85	53.6	44.2	66.2
99	63.2	52.6	79.0

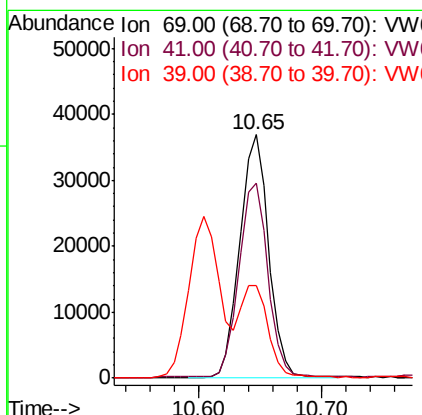
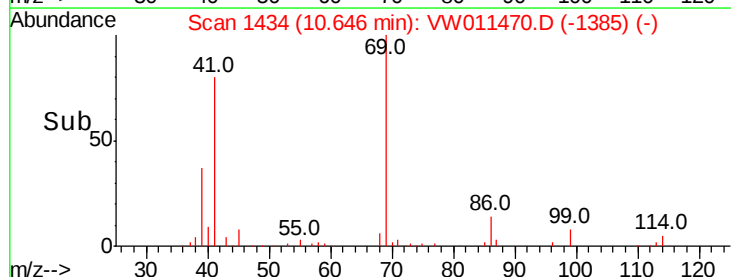
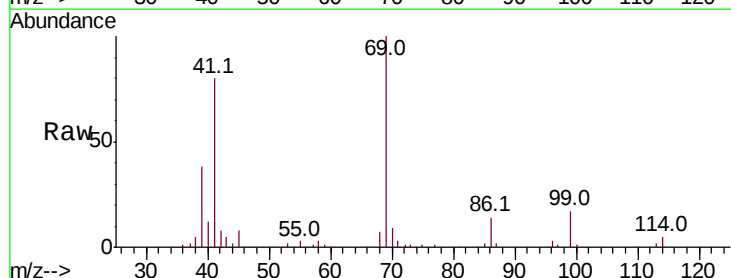
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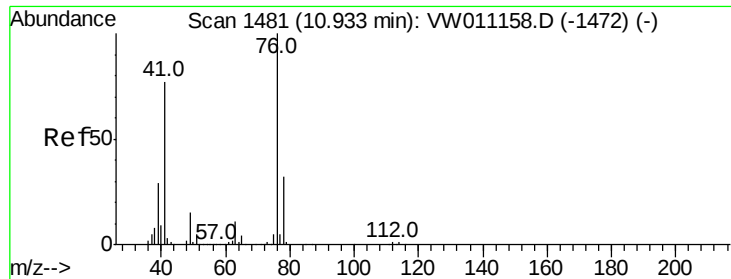
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#56
 Ethyl methacrylate
 Concen: 19.565 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011470.D
 Acq: 24 Jul 2019 13:07

Tgt Ion:	69	Resp:	60701
Ion	Ratio	Lower	Upper
69	100		
41	82.8	66.5	99.7
39	35.9	32.5	48.7





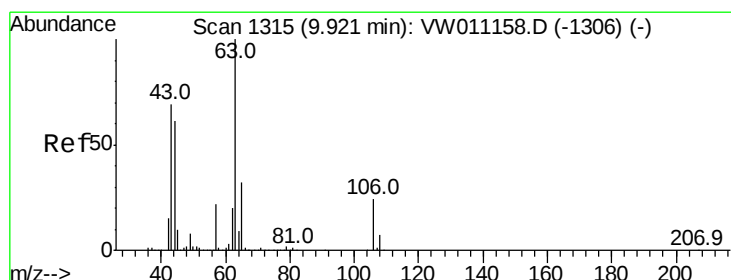
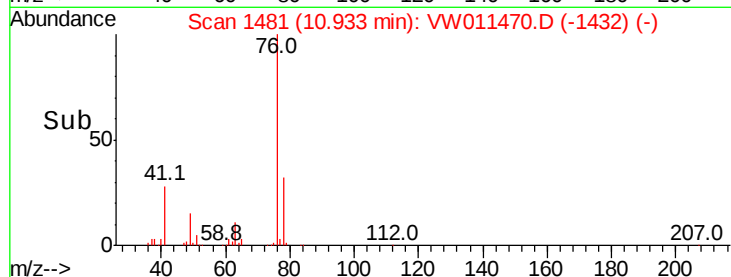
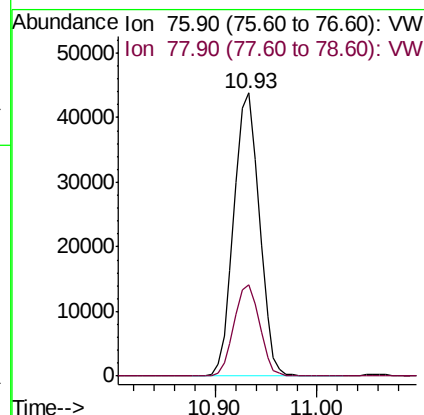
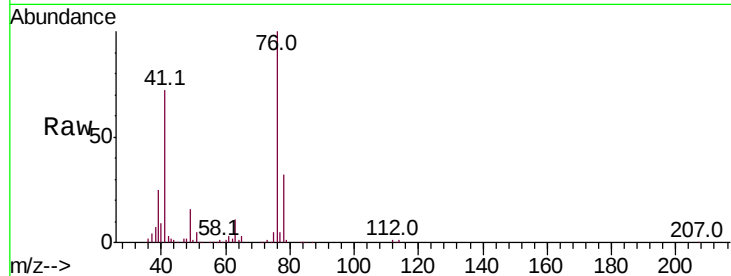
#57
 1,3-Dichloropropane
 Concen: 19.750 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011470.D
 Acq: 24 Jul 2019 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBSD01

Tot Ion: 76 Resp: 76110
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2

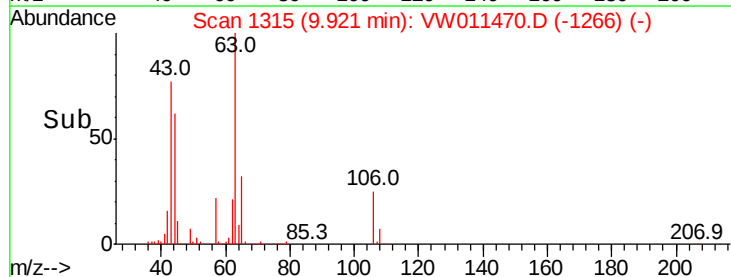
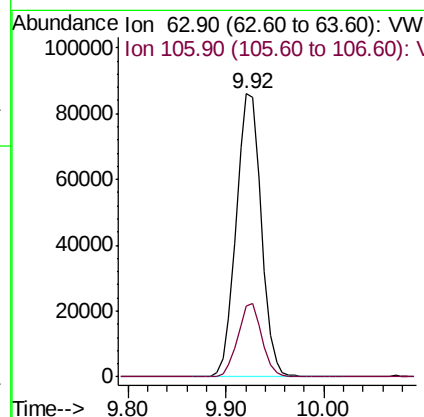
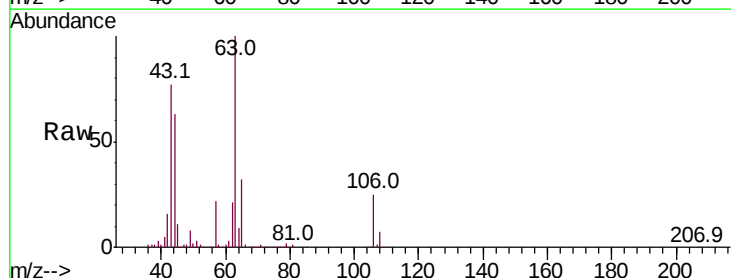
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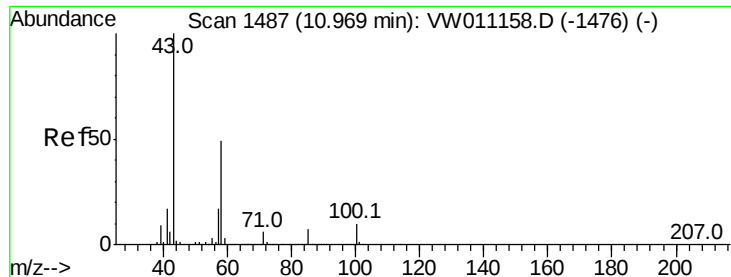
MMDadoda
 7/25/2019 8:18:11 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.473 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011470.D
 Acq: 24 Jul 2019 13:07

Tgt Ion: 63 Resp: 153147
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.4 29.0





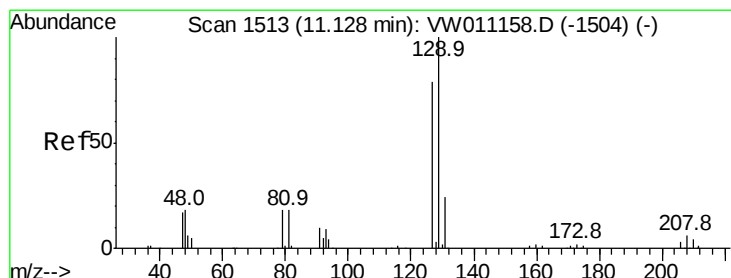
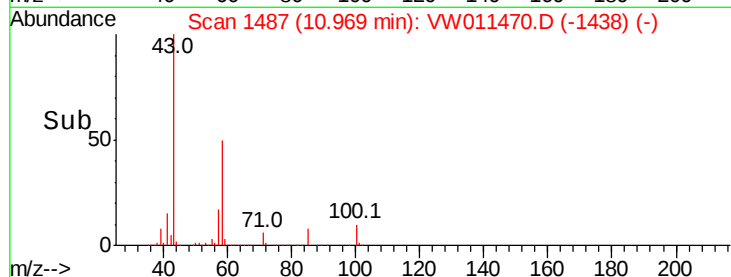
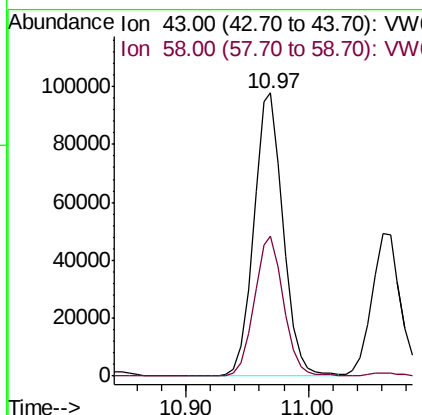
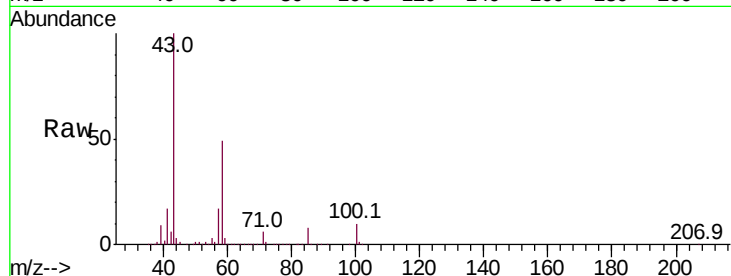
#59
2-Hexanone
Concen: 96.835 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion: 43 Resp: 162599
Ion Ratio Lower Upper
43 100
58 49.2 24.4 73.4

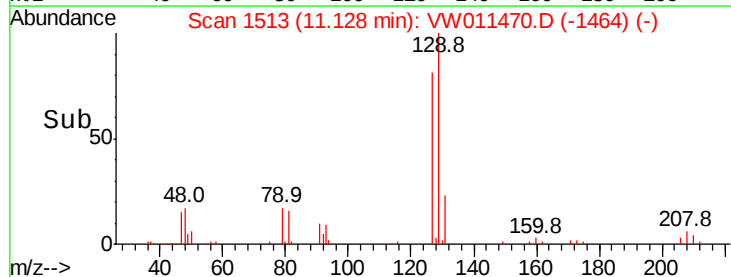
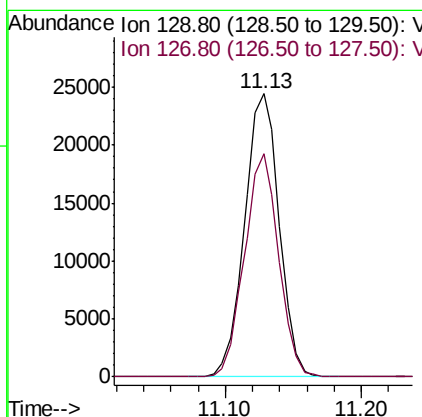
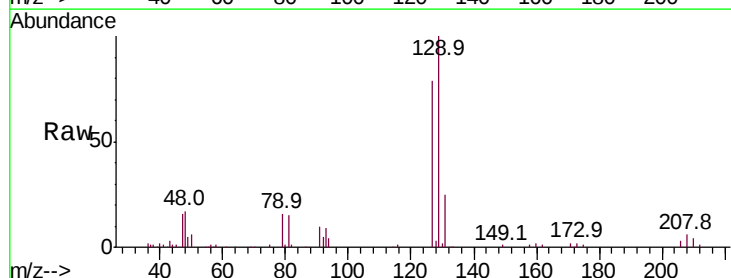
Manual Integrations
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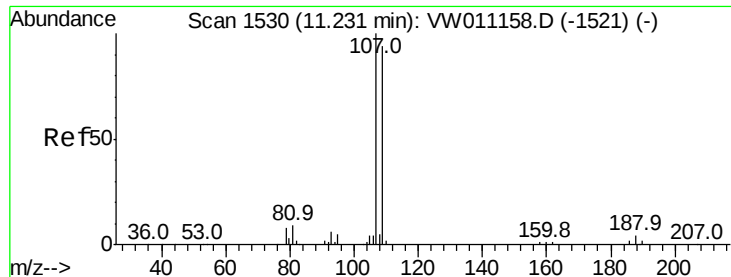
MMDadoda
7/25/2019 8:18:11 AM



#60
Dibromochloromethane
Concen: 19.457 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion: 129 Resp: 43479
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.3





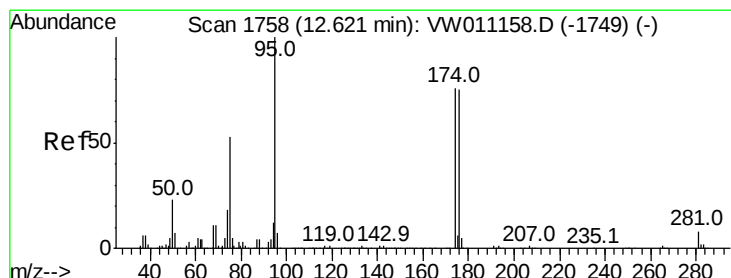
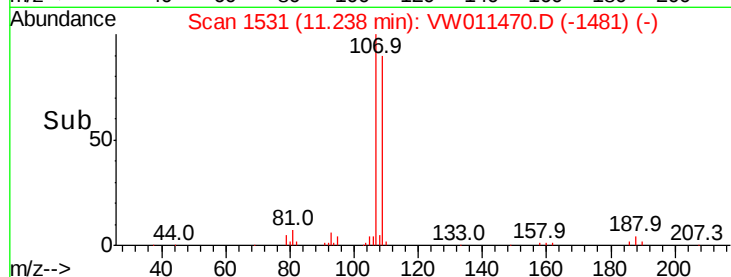
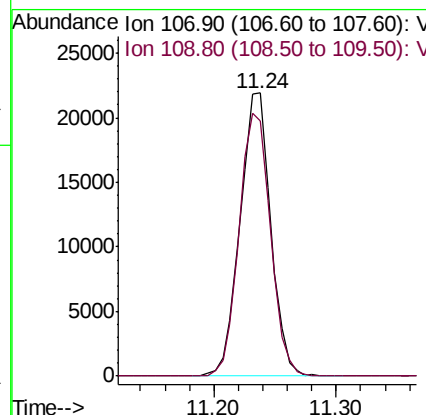
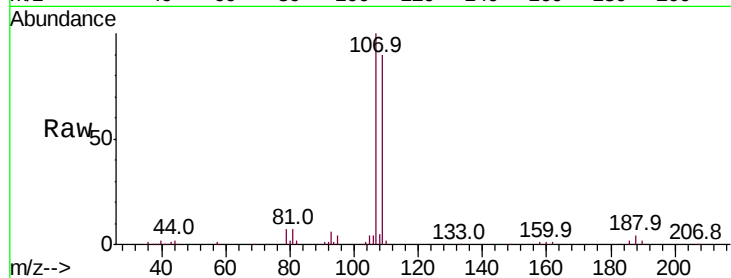
#61
 1,2-Dibromoethane
 Concen: 19.694 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW011470.D
 Acq: 24 Jul 2019 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.2	112.8

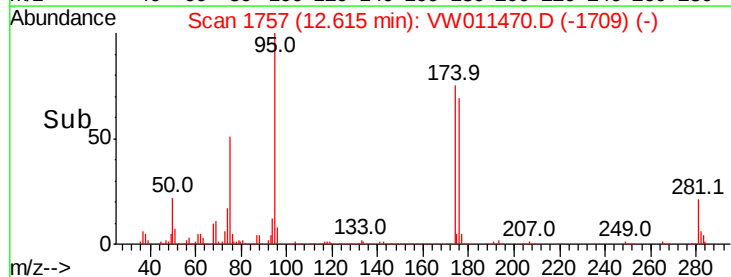
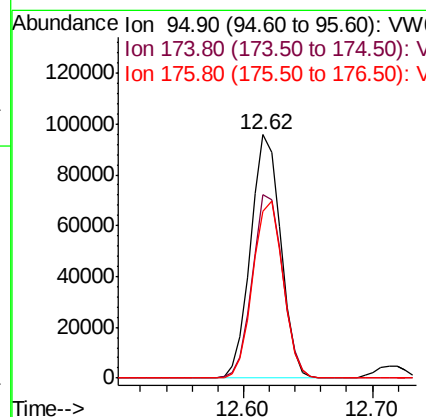
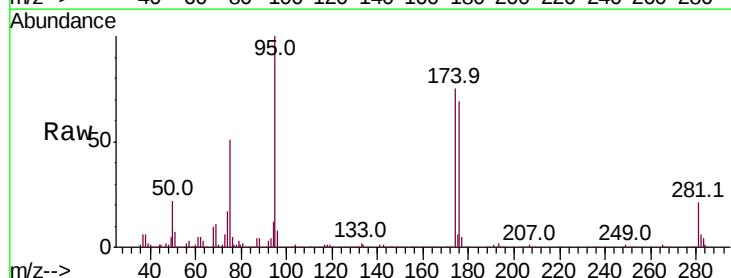
Manual Integrations
 APPROVED

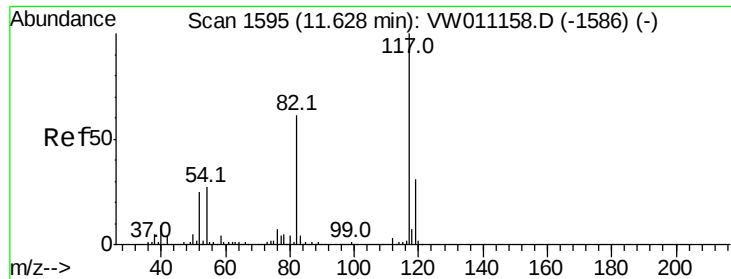
MMDadoda
 7/25/2019 8:18:11 AM



#62
 4-Bromofluorobenzene
 Concen: 45.364 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW011470.D
 Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	147.6
176	73.3	0.0	144.6





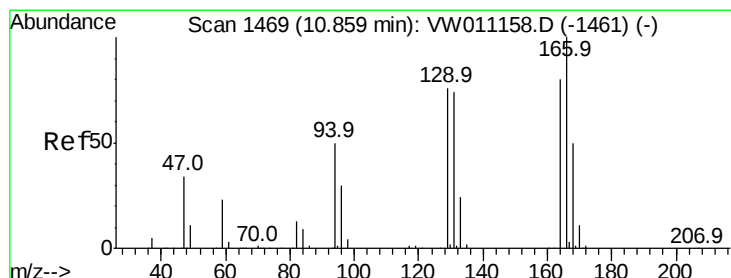
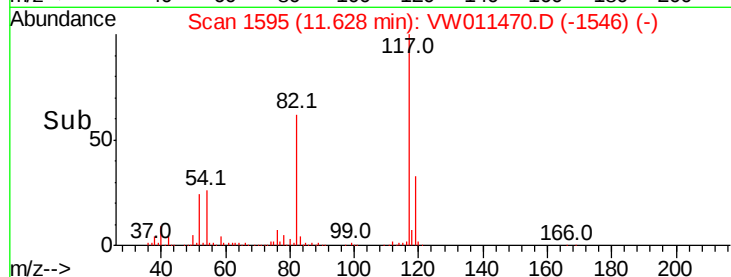
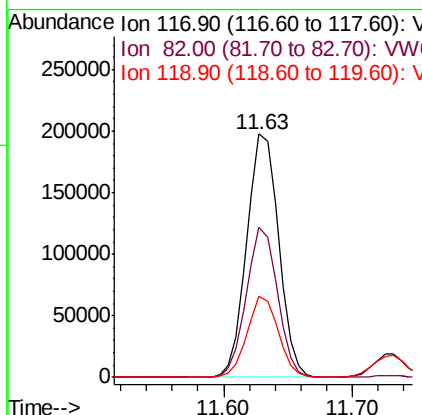
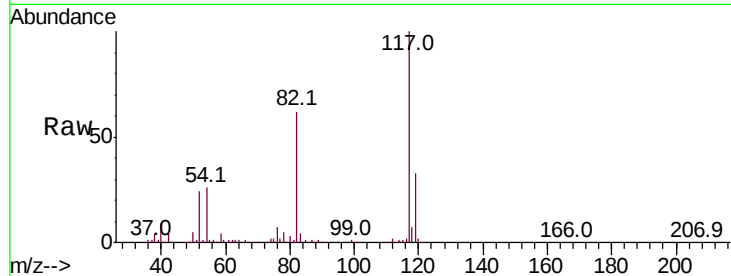
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	61.7	48.9	73.3	
119	33.1	25.0	37.6	

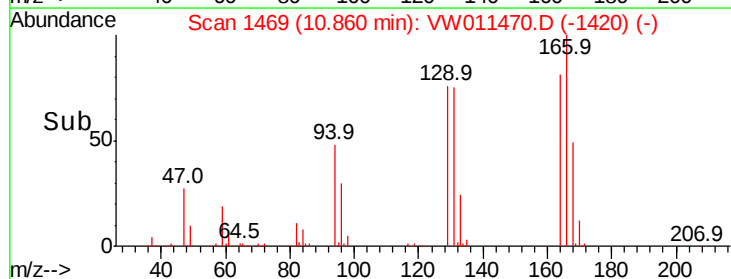
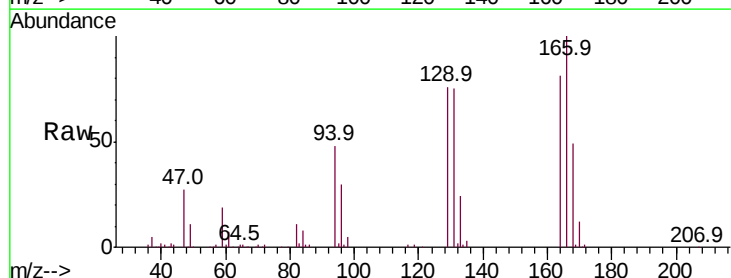
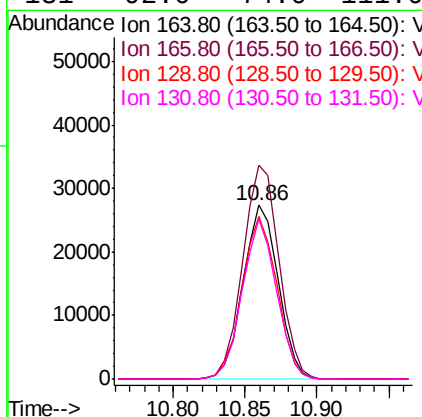
Manual Integrations
APPROVED

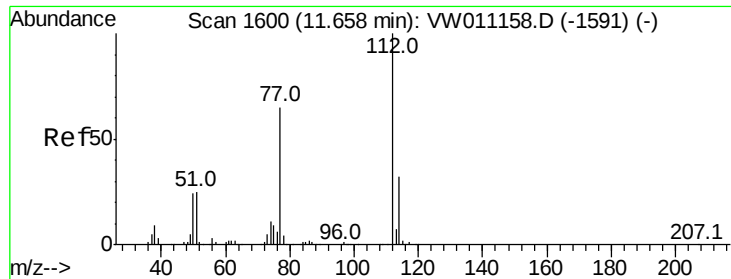
MMDadoda
7/25/2019 8:18:11 AM



#64
Tetrachloroethene
Concen: 20.261 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	123.1	99.7	149.5	
129	93.4	76.2	114.2	
131	92.0	74.0	111.0	





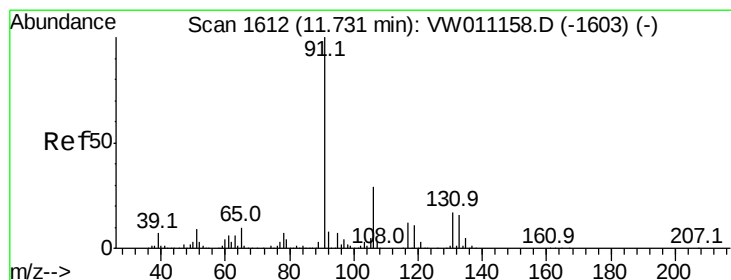
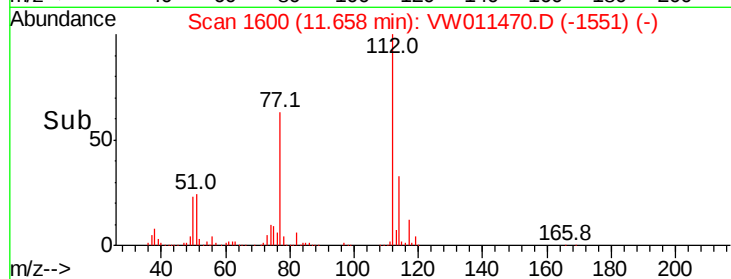
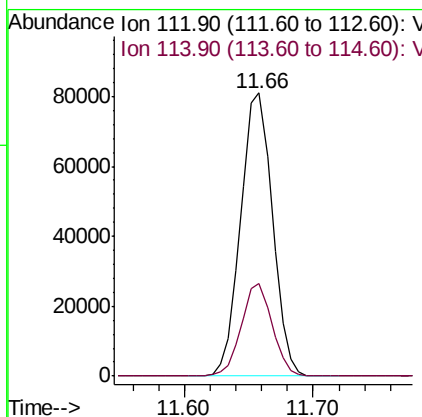
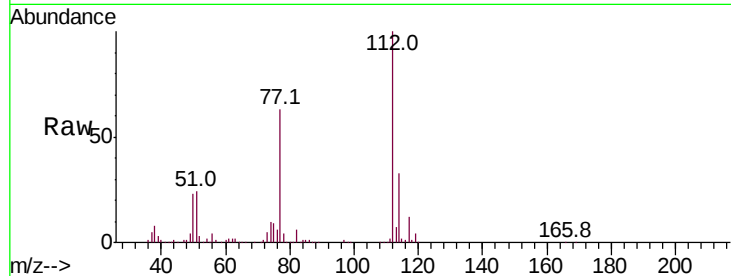
#65
Chlorobenzene
Concen: 20.163 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion:112 Resp: 138496
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3

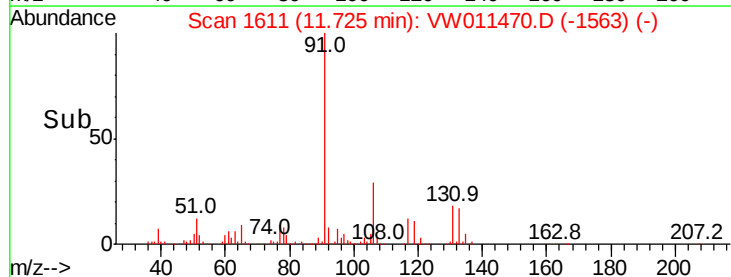
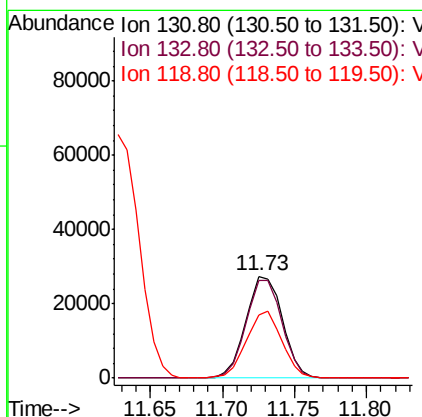
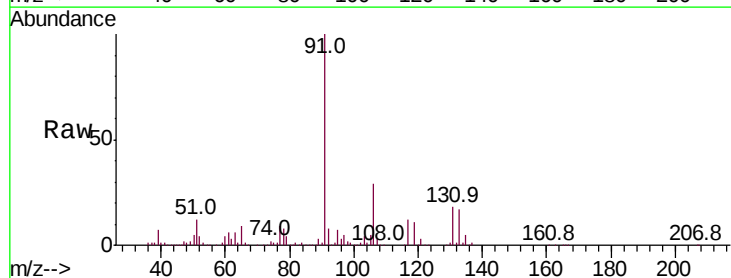
Manual Integrations
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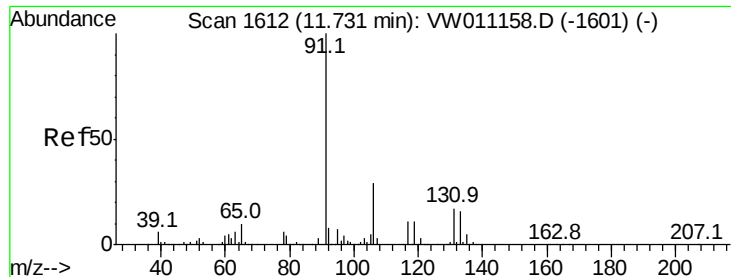
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.991 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion:131 Resp: 48348
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.8
119 64.2 33.1 99.2





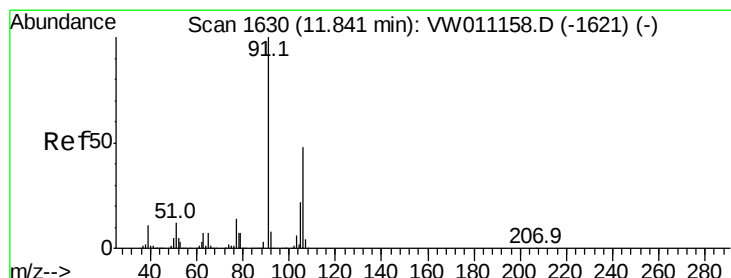
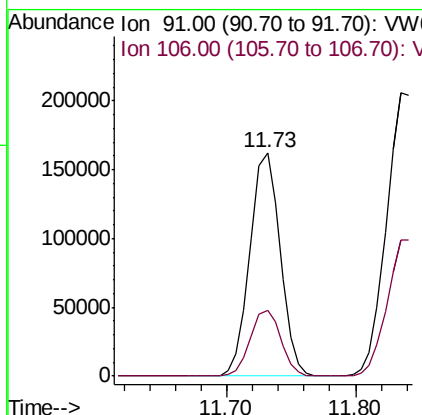
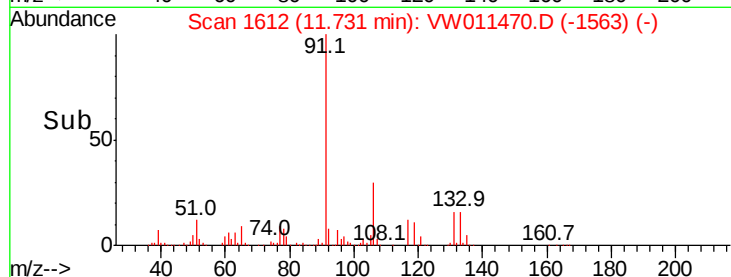
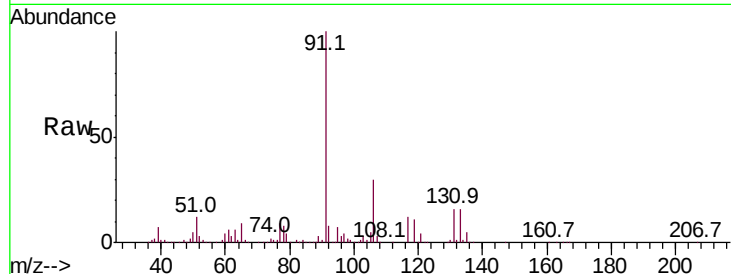
#67
Ethyl Benzene
Concen: 20.041 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion: 91 Resp: 263535
Ion Ratio Lower Upper
91 100
106 29.6 23.5 35.3

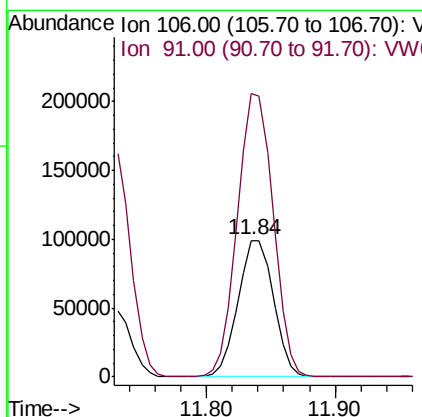
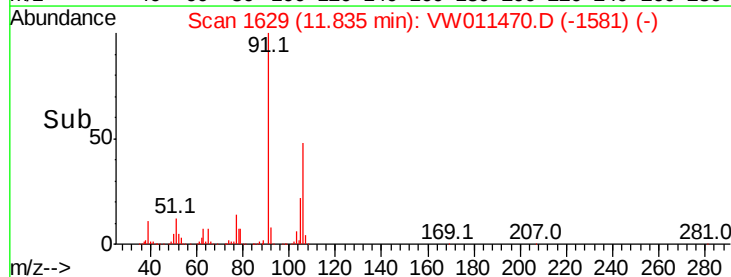
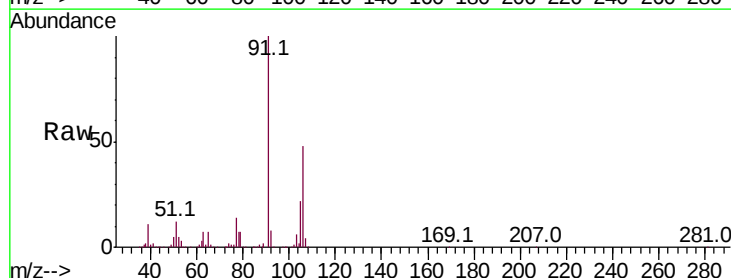
Manual Integrations
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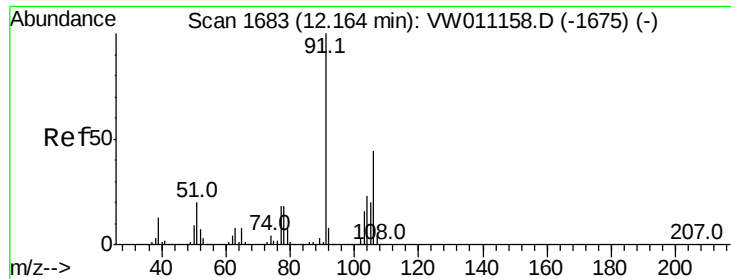
MMDadoda
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#68
m/p-Xylenes
Concen: 39.942 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion: 106 Resp: 190046
Ion Ratio Lower Upper
106 100
91 209.0 167.7 251.5





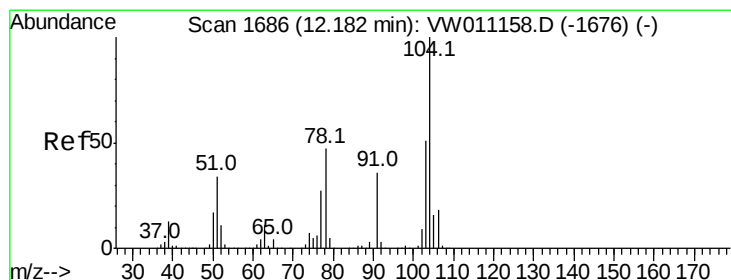
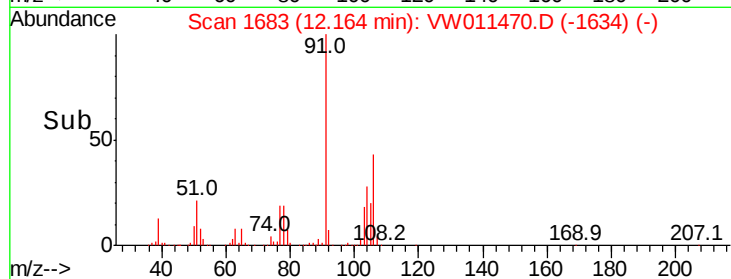
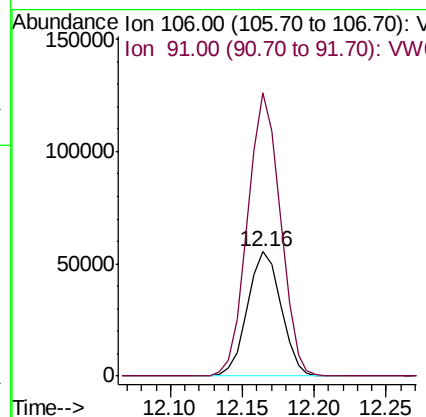
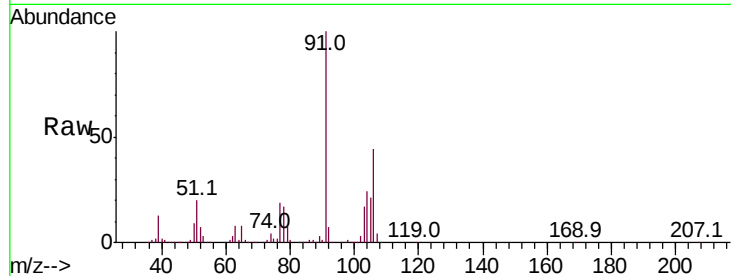
#69
o-Xylene
Concen: 20.000 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion:106 Resp: 89690
Ion Ratio Lower Upper
106 100
91 222.0 110.7 332.1

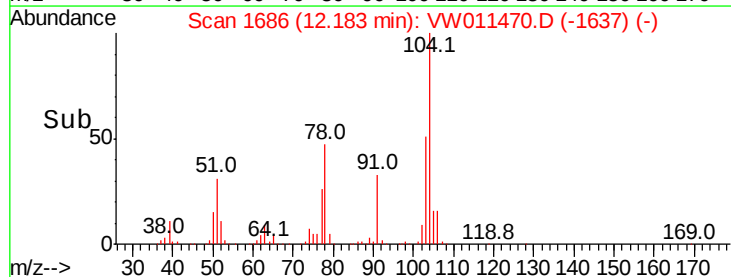
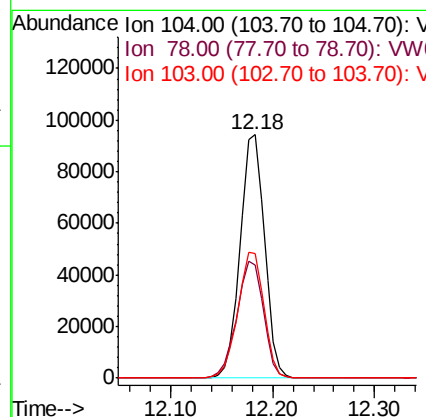
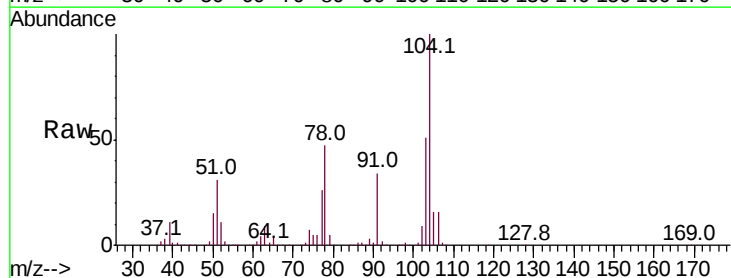
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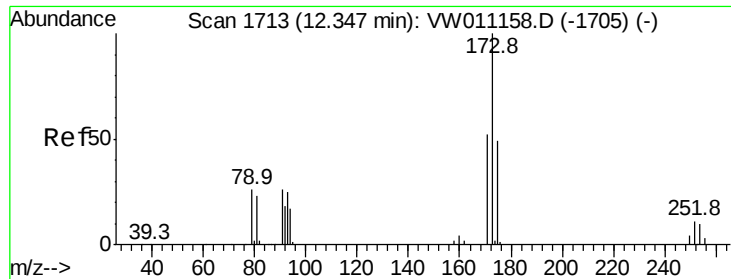
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#70
Styrene
Concen: 20.139 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion:104 Resp: 155866
Ion Ratio Lower Upper
104 100
78 52.6 43.1 64.7
103 55.4 44.1 66.1





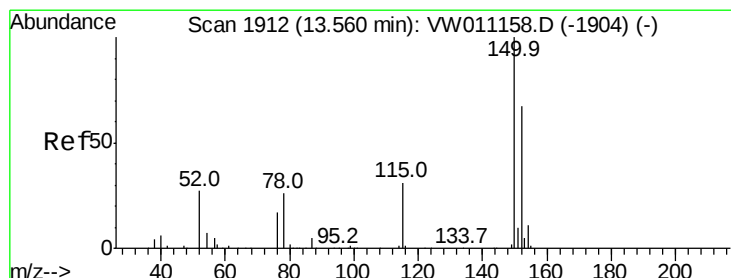
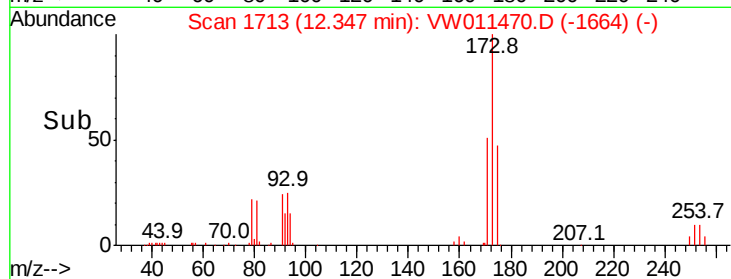
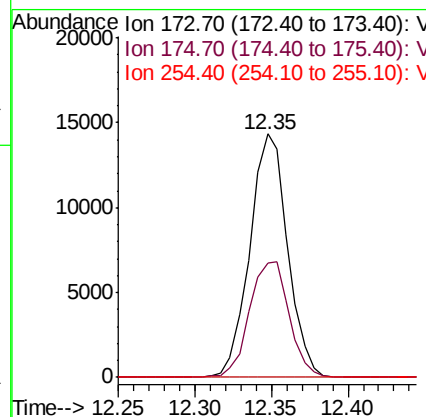
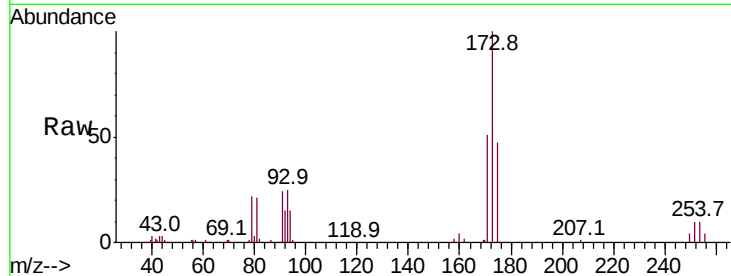
#71
Bromoform
Concen: 19.149 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.8	74.3
254	0.0	0.0	0.0

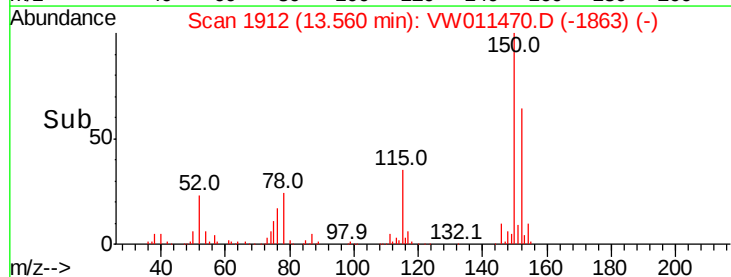
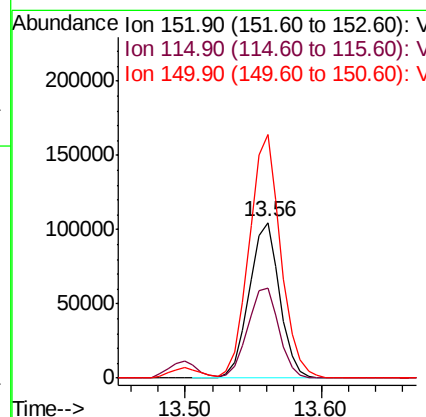
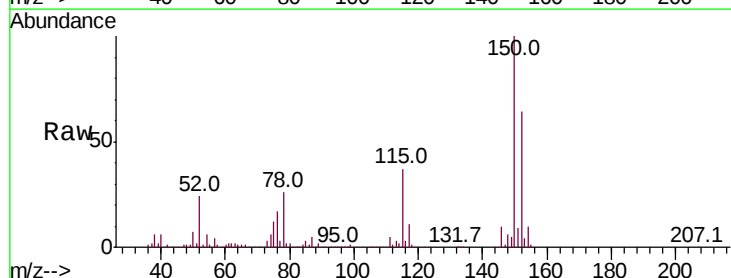
Manual Integrations
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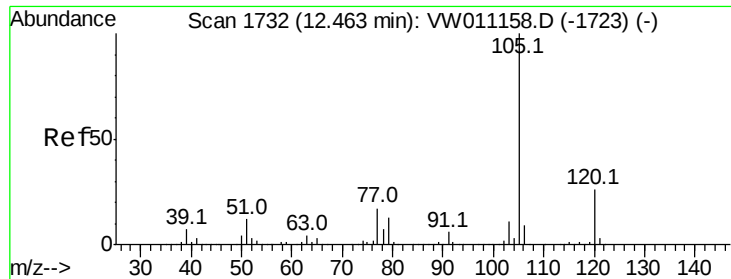
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.1	90.3
150	162.4	0.0	346.0





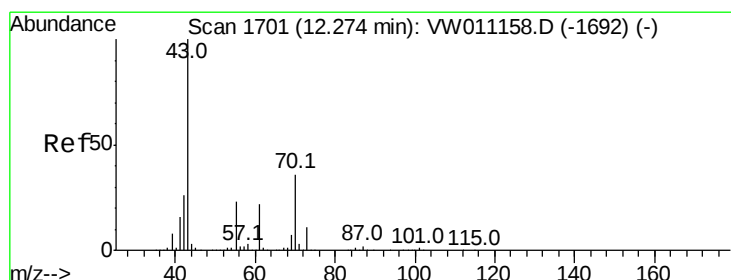
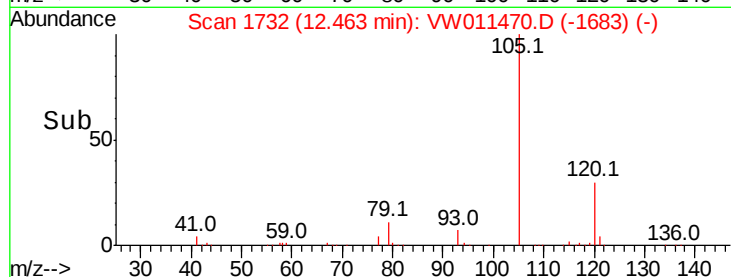
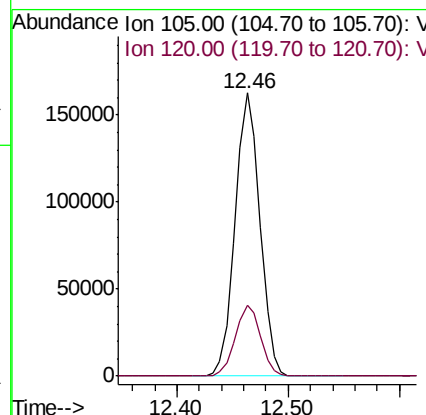
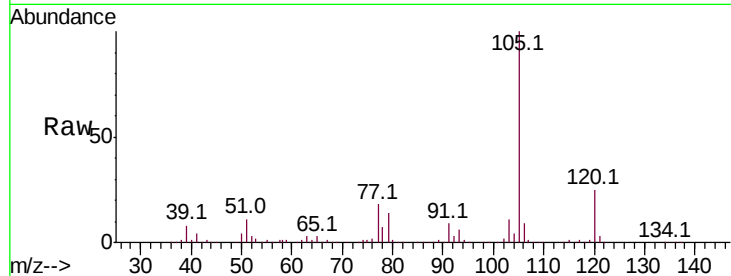
#73
Isopropylbenzene
Concen: 20.441 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampled :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.3

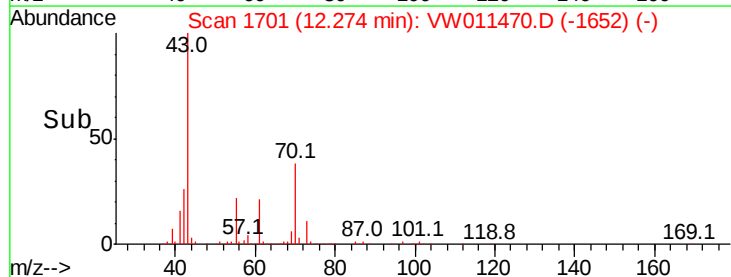
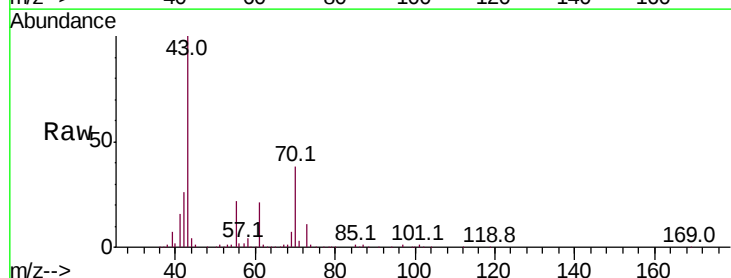
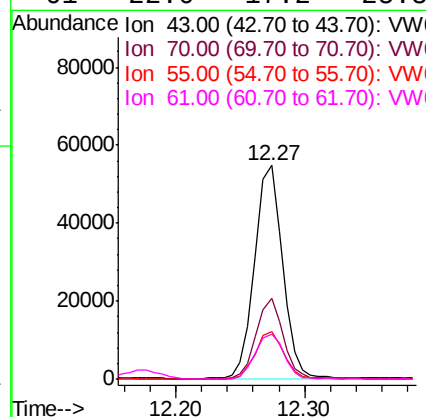
Manual Integrations
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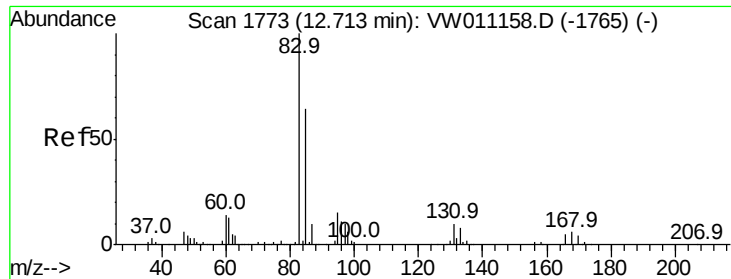
MMDadoda
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#74
N-ethyl acetate
Concen: 19.227 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.6	28.5	42.7
55	23.3	18.1	27.1
61	22.0	17.2	25.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.800 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Instrument :

MSVOA_W

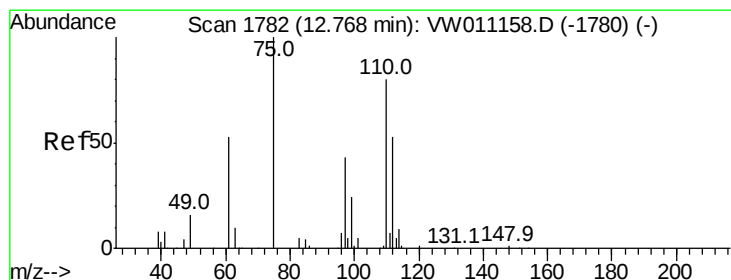
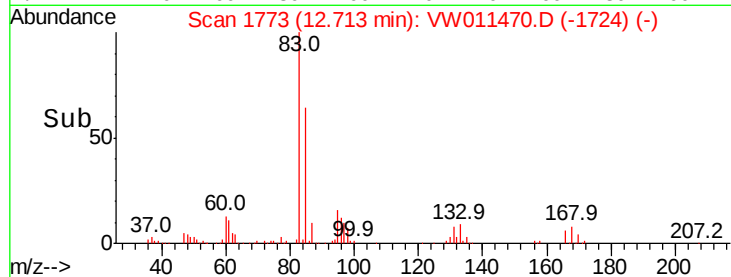
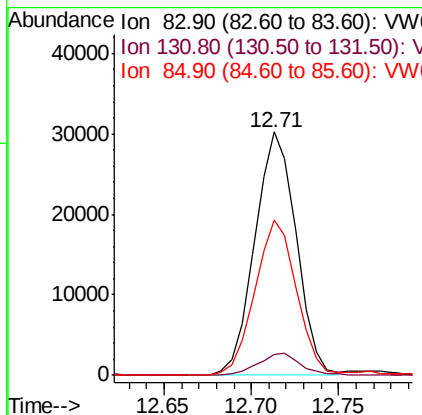
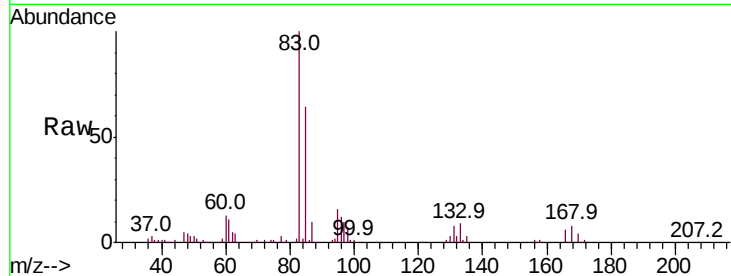
ClientSampleId :

VW0725SBS01

Tot Ion:	83	Resp:	49695
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.0	15.0
85	64.3	31.6	94.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.722 ug/l m

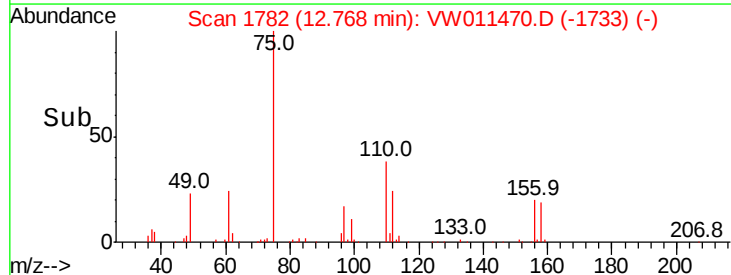
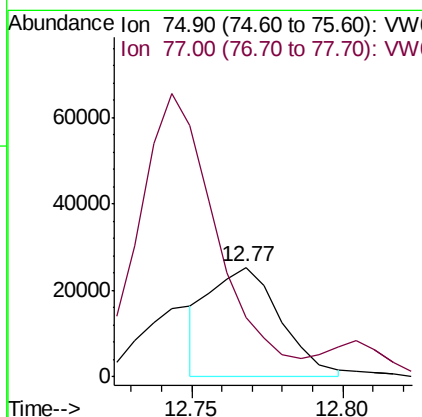
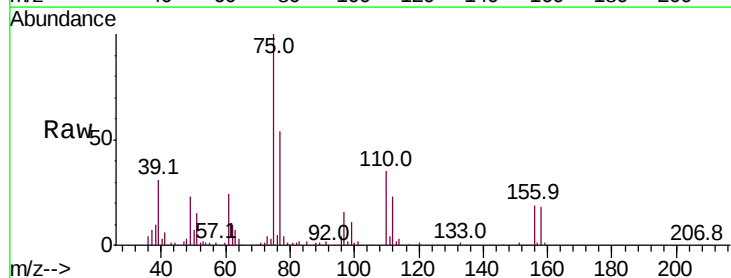
RT: 12.77 min Scan# 1782

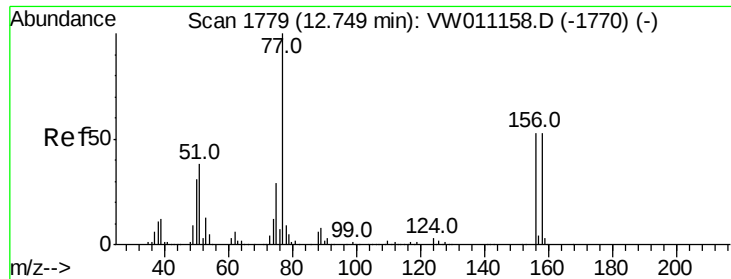
Delta R.T. 0.00 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Tgt Ion:	75	Resp:	41116
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.341 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

Tot Ion:156 Resp: 55893

Ion Ratio Lower Upper

156 100

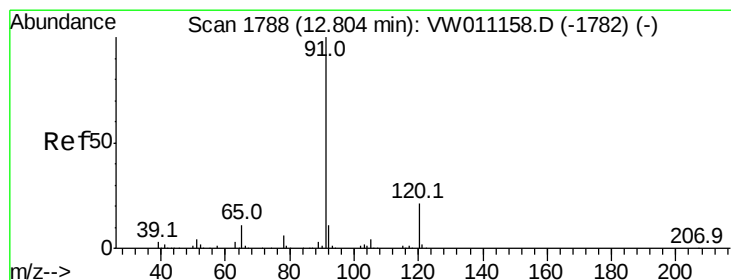
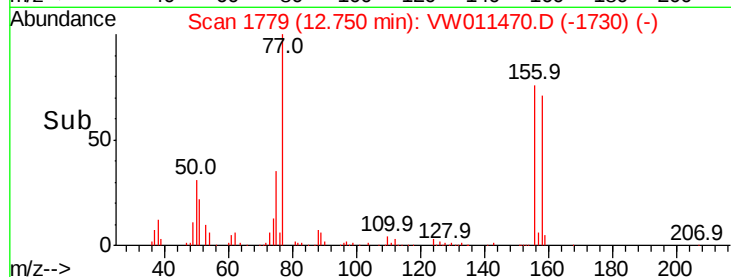
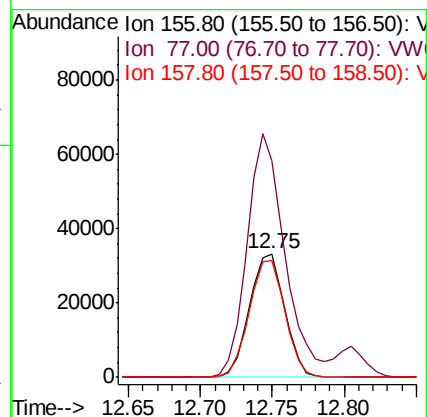
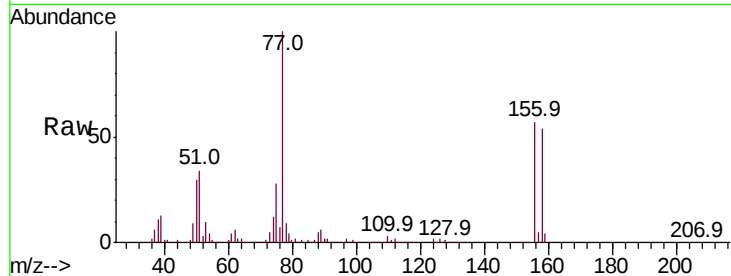
77 212.7 109.0 327.0

158 96.4 48.8 146.3

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#78

n-propylbenzene

Concen: 19.989 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011470.D

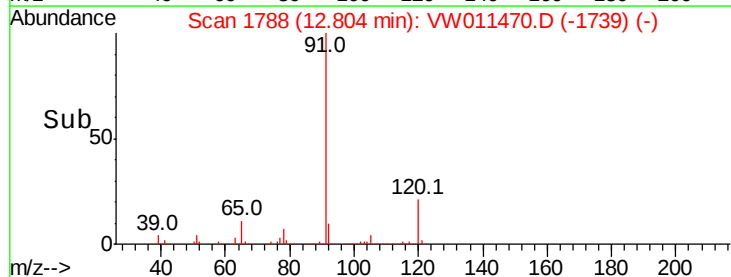
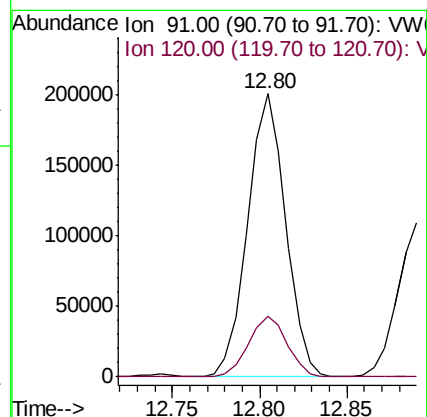
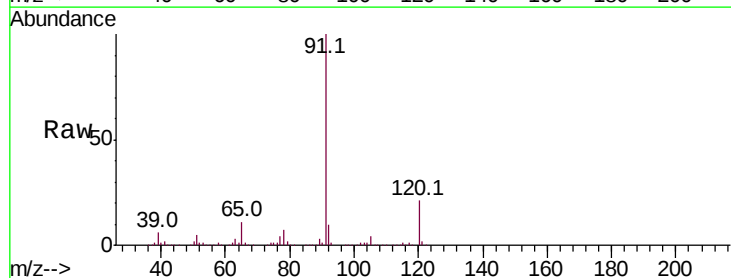
Acq: 24 Jul 2019 13:07

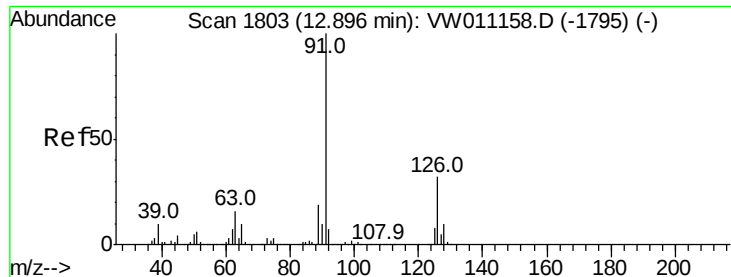
Tgt Ion: 91 Resp: 301502

Ion Ratio Lower Upper

91 100

120 21.9 10.8 32.3





#79

2-Chlorotoluene

Concen: 20.088 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW011470.D

Acq: 24 Jul 2019 13:07

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBS01

Tot Ion: 91 Resp: 174358

Ion Ratio Lower Upper

91 100

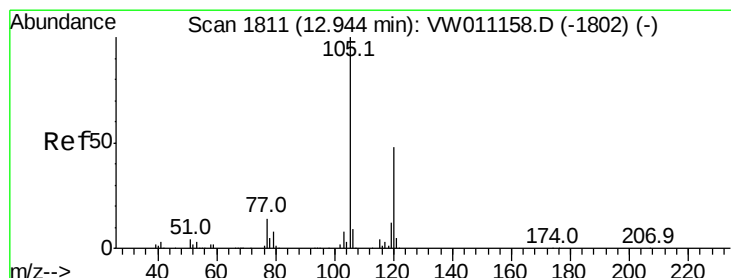
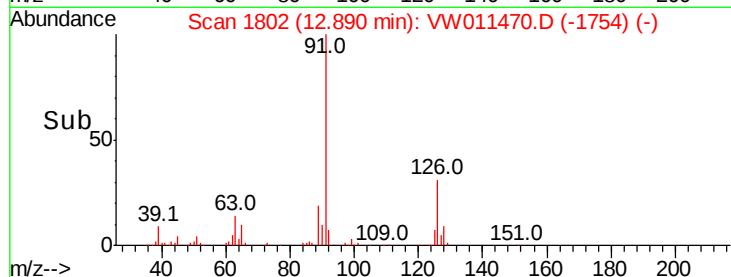
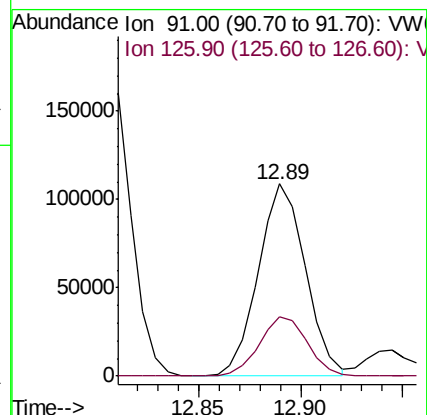
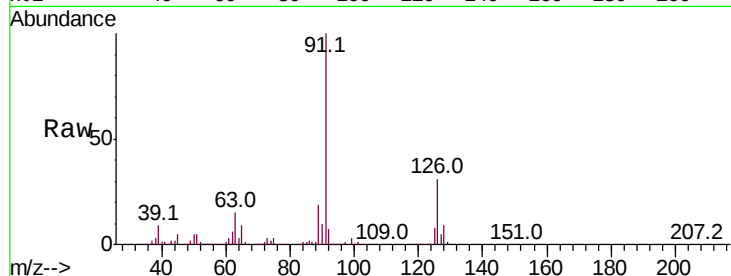
126 31.5 15.8 47.3

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#80

1,3,5-Trimethylbenzene

Concen: 20.325 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW011470.D

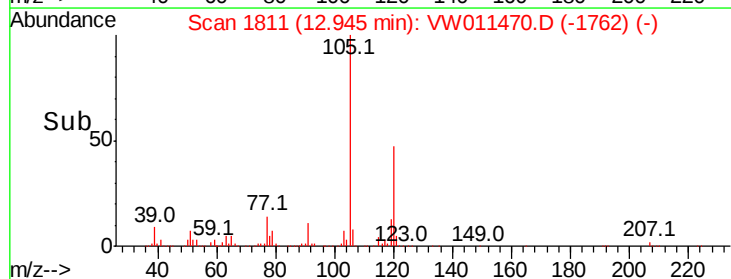
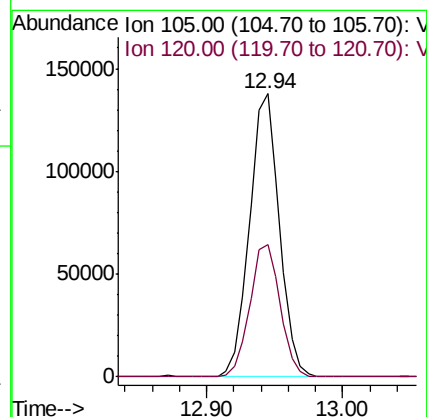
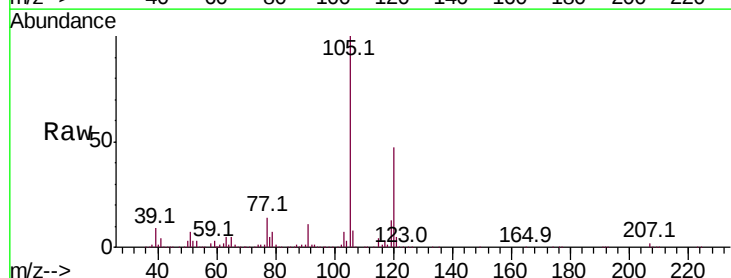
Acq: 24 Jul 2019 13:07

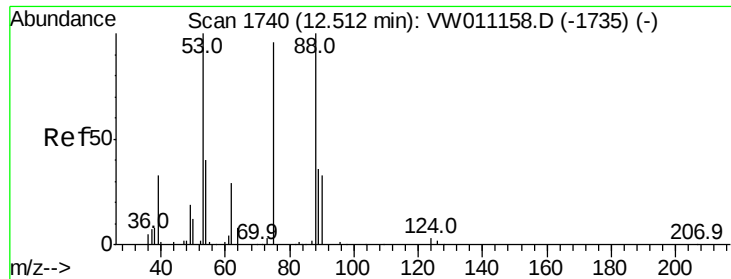
Tgt Ion:105 Resp: 211425

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.2





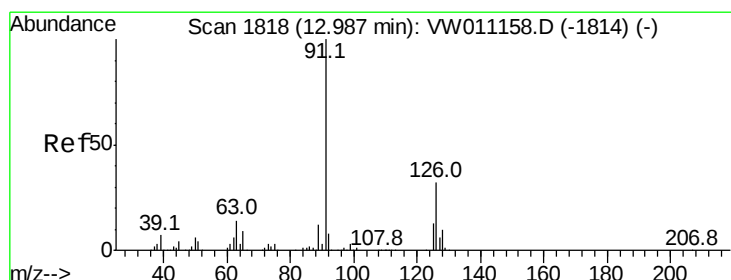
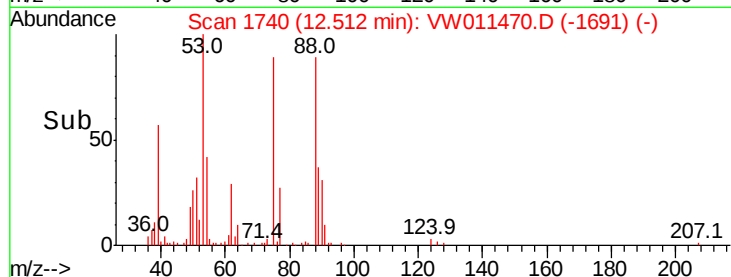
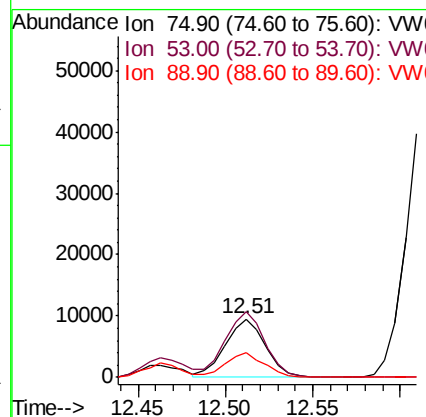
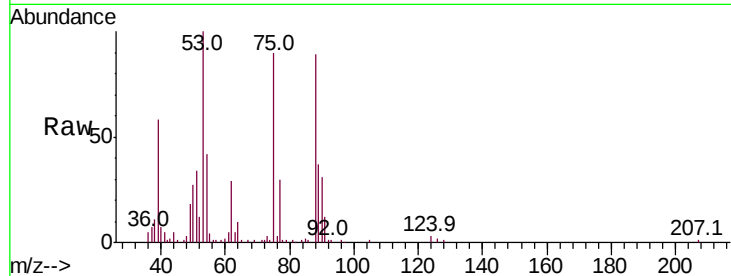
#81
trans-1,4-Dichloro-2-butene
Concen: 18.188 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.0	89.8	134.6
89	39.4	34.3	51.5

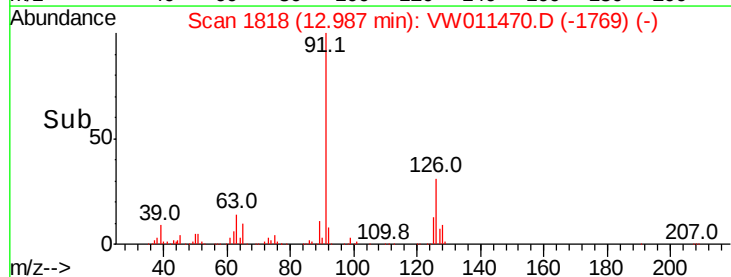
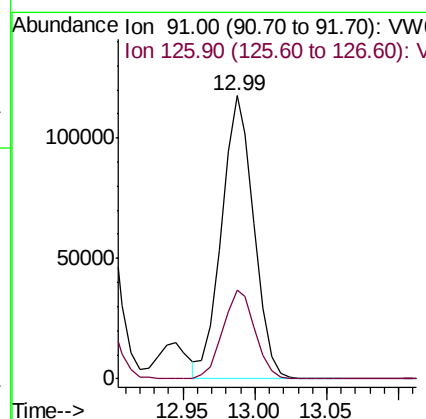
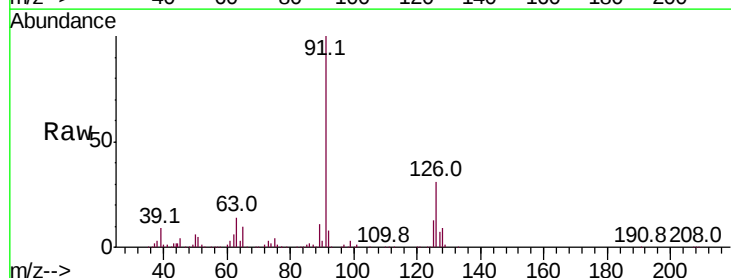
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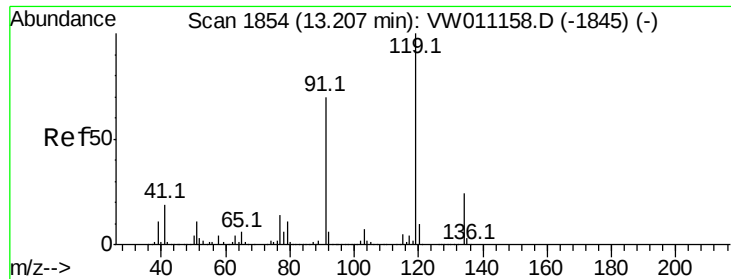
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#82
4-Chlorotoluene
Concen: 20.366 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.7	47.1





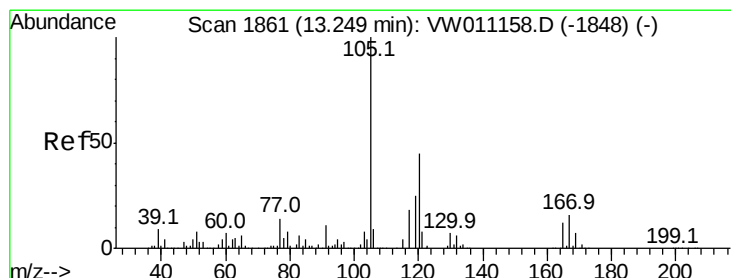
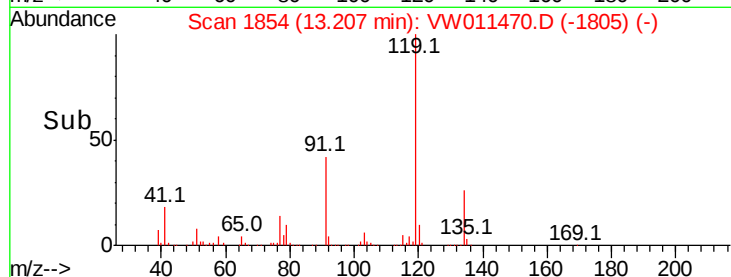
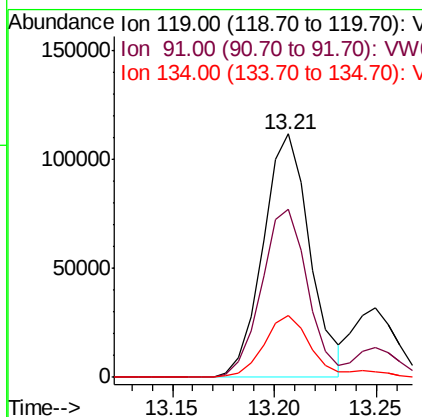
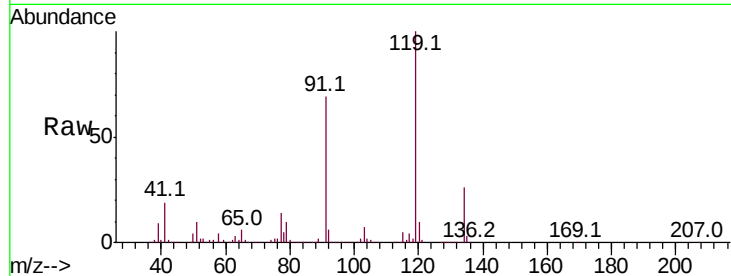
#83
tert-Butylbenzene
Concen: 20.660 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.0	35.4	106.3
134	25.1	13.4	40.2

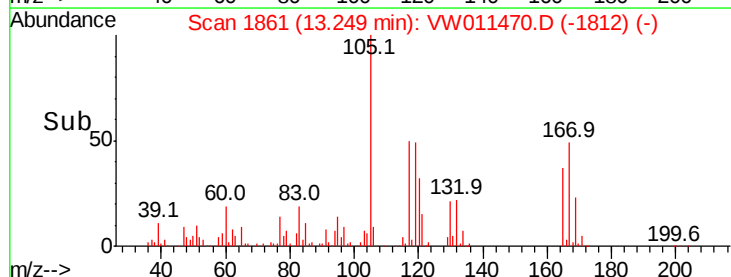
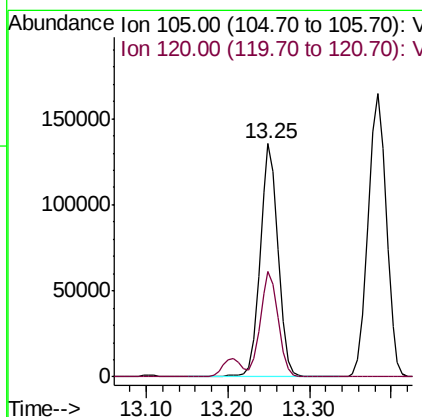
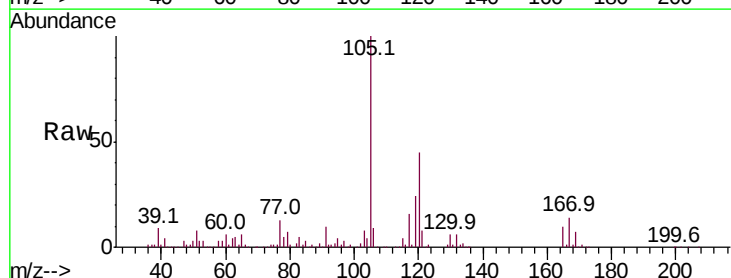
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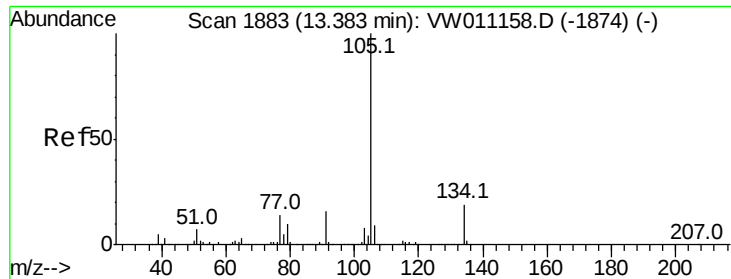
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#84
1,2,4-Trimethylbenzene
Concen: 20.106 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.3	66.9





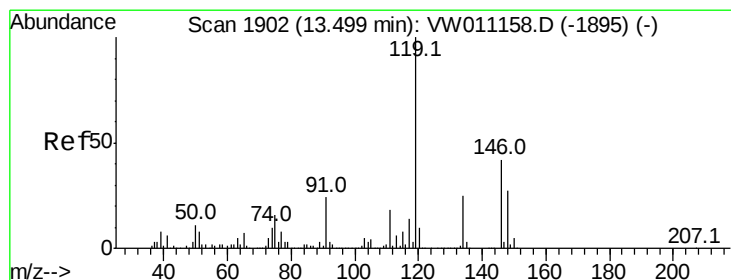
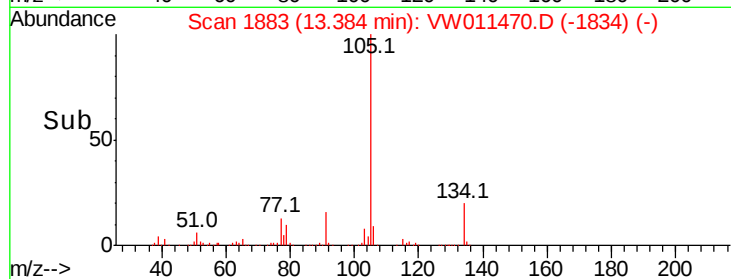
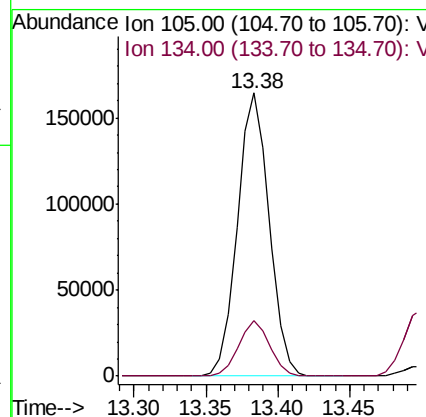
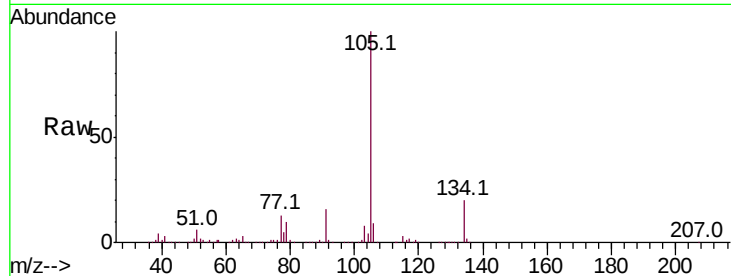
#85
 sec-Butylbenzene
 Concen: 20.100 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011470.D
 Acq: 24 Jul 2019 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	251607		
134	19.4	9.7	28.9	

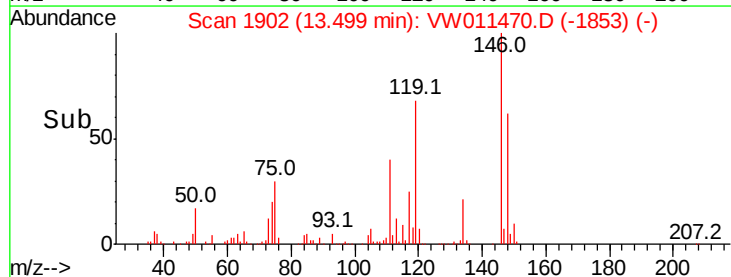
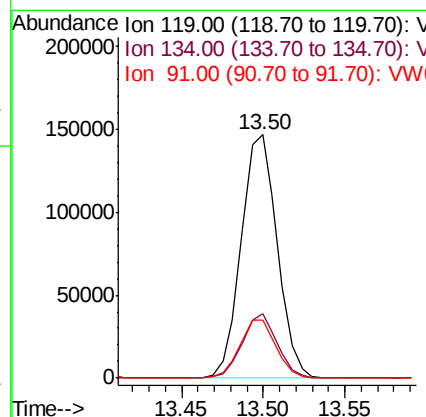
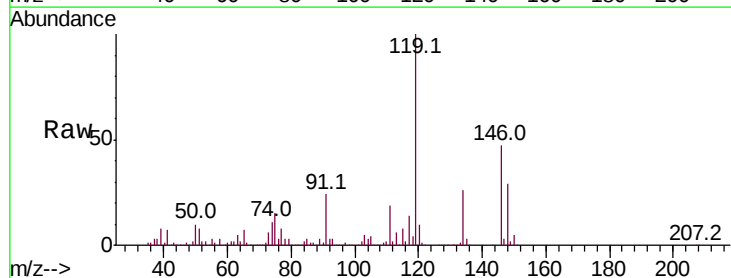
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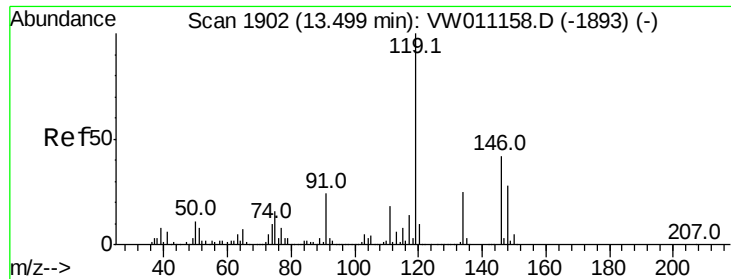
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#86
 p-Isopropyltoluene
 Concen: 20.102 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011470.D
 Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	225699		
134	25.8	12.9	38.6	
91	23.9	12.3	36.8	





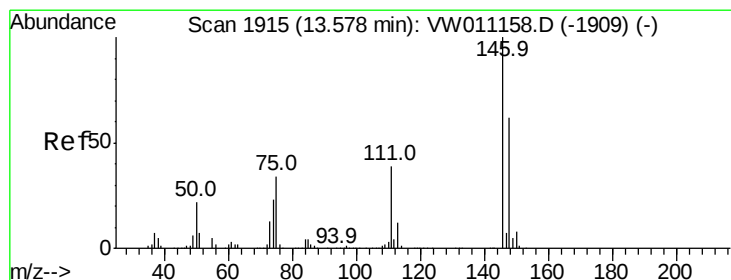
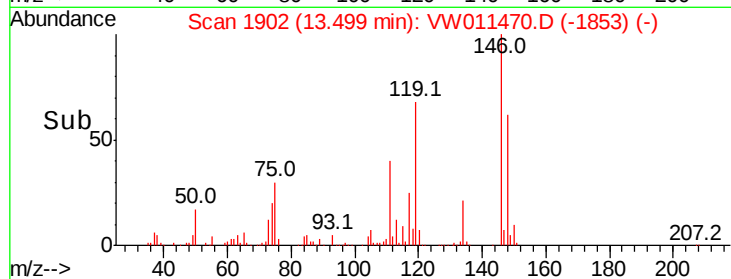
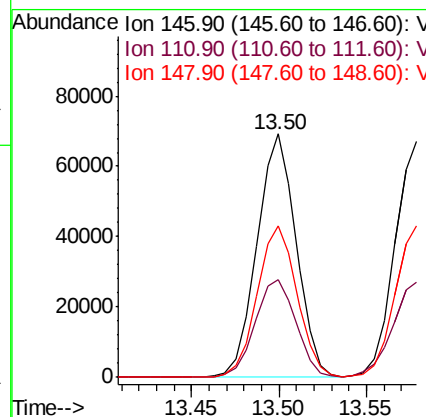
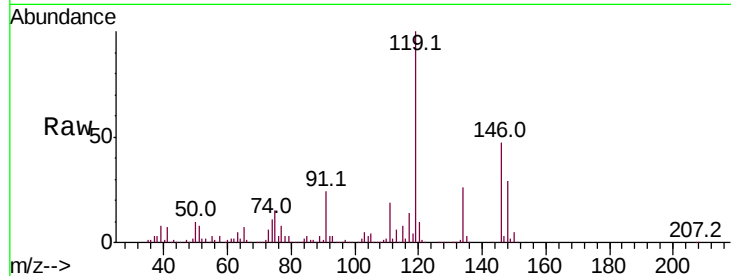
#87
 1,3-Dichlorobenzene
 Concen: 20.367 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011470.D
 Acq: 24 Jul 2019 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.9	21.1	63.1	
148	63.4	32.6	97.7	

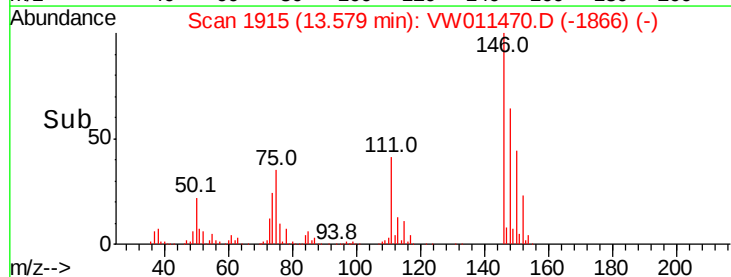
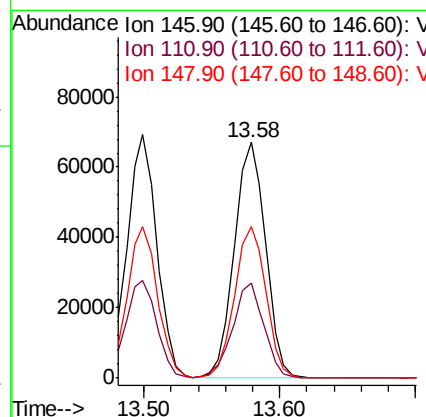
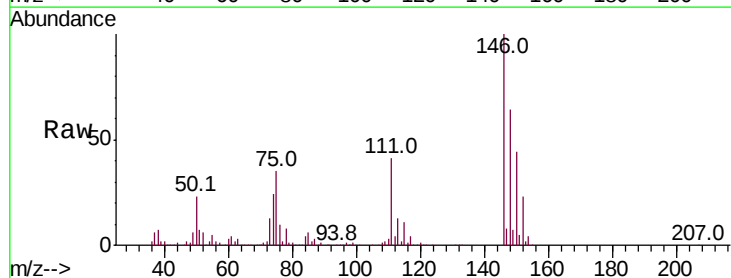
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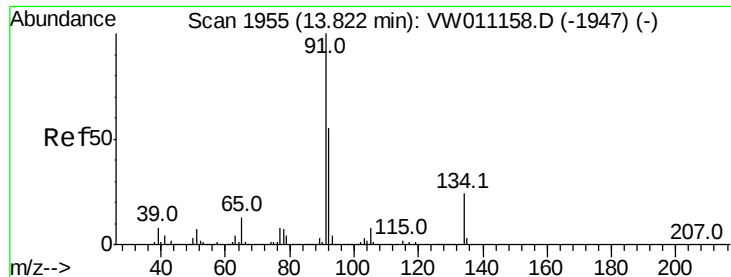
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#88
 1,4-Dichlorobenzene
 Concen: 20.132 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011470.D
 Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.7	19.9	59.7	
148	64.5	31.5	94.5	





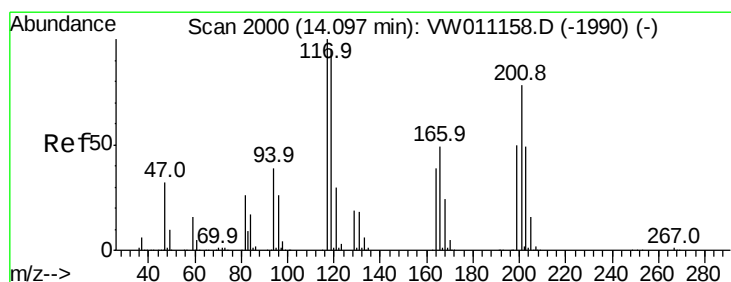
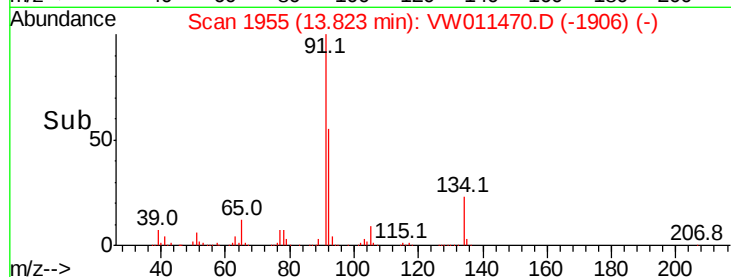
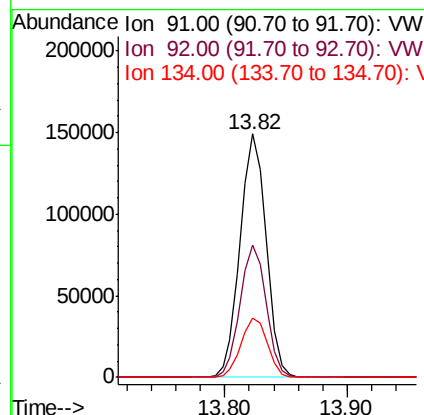
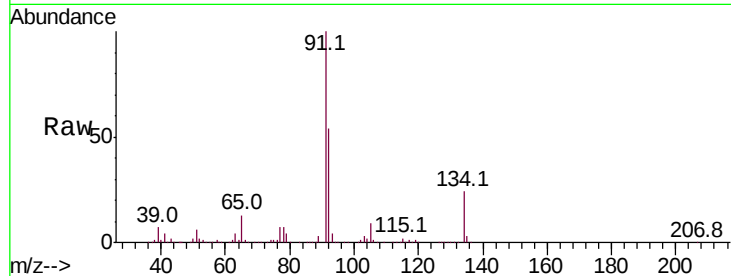
#89
n-Butylbenzene
Concen: 19.556 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	26.9	80.7
134	24.9	12.2	36.4

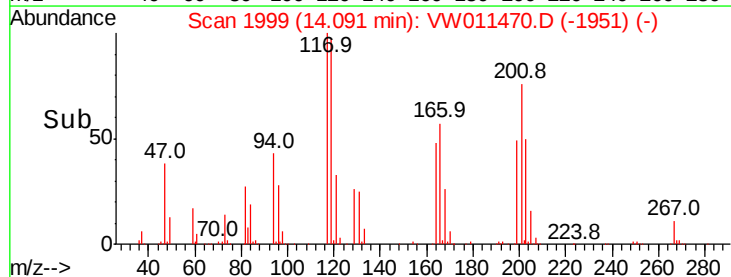
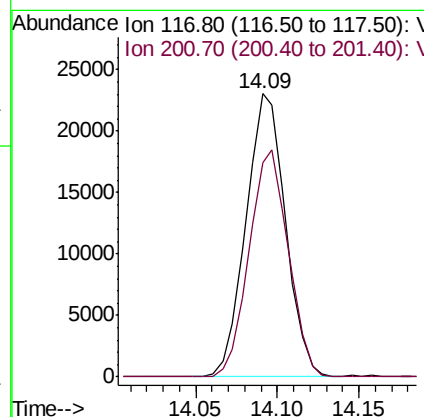
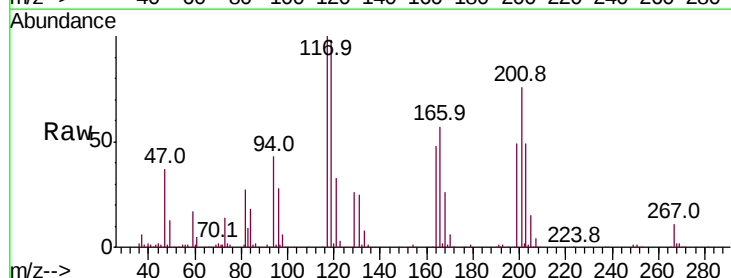
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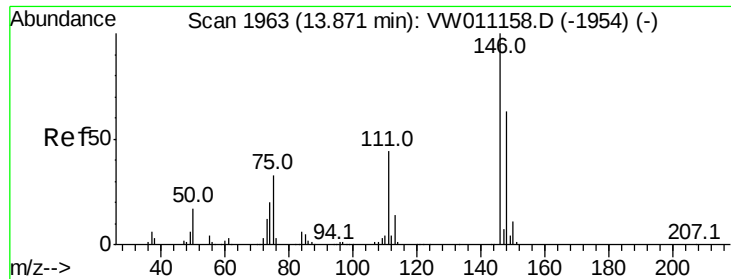
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#90
Hexachloroethane
Concen: 18.968 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.01 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.3	38.3	114.8





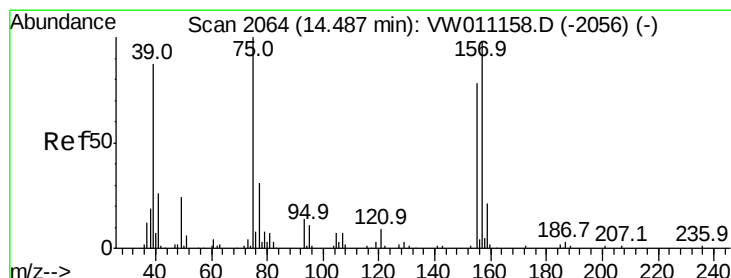
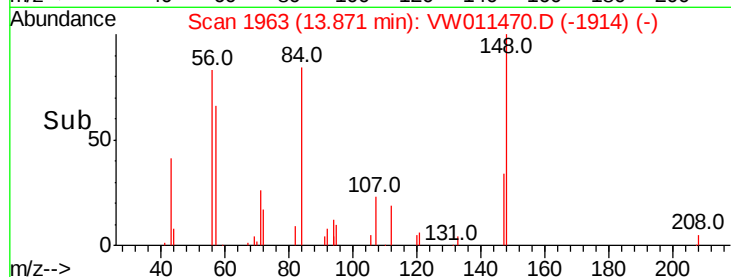
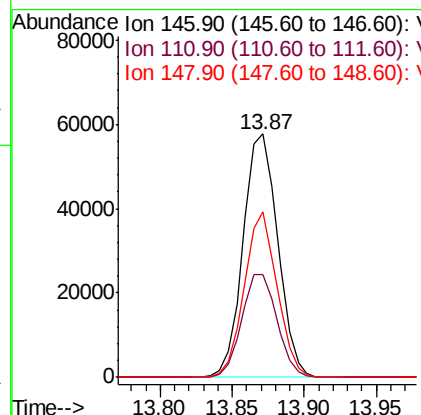
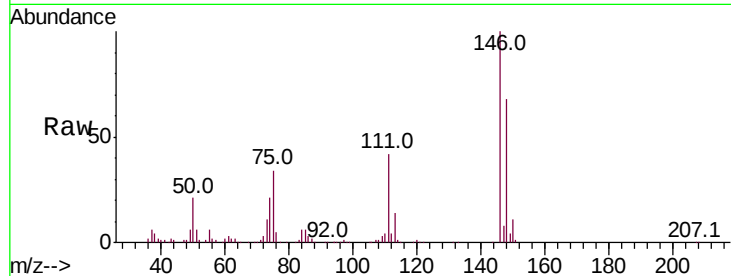
#91
 1,2-Dichlorobenzene
 Concen: 20.089 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011470.D
 Acq: 24 Jul 2019 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	65.0
148	64.3	31.9	95.5

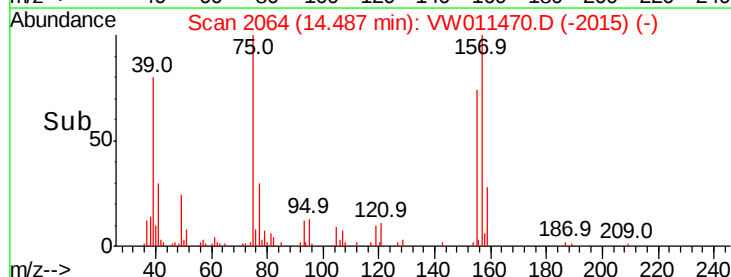
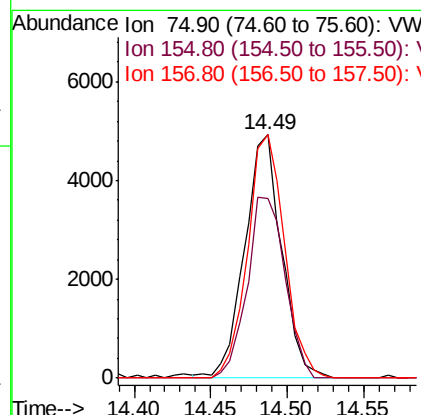
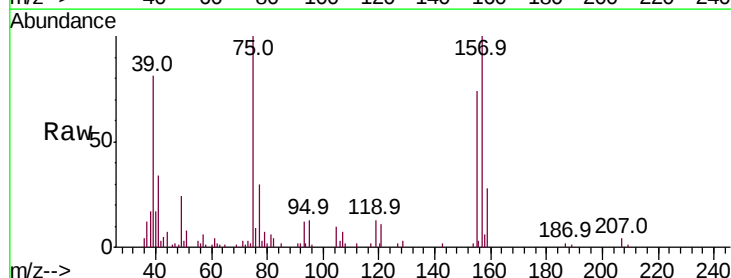
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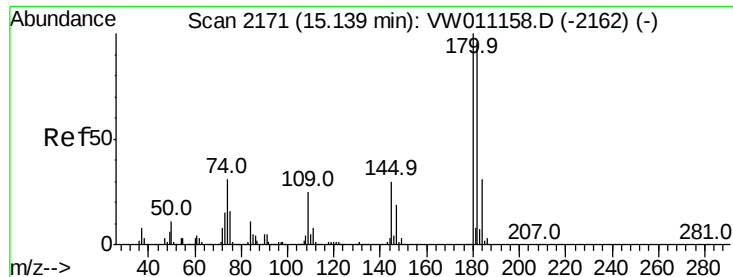
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 7/25/2019 8:18:11 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.565 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011470.D
 Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.0	37.1	111.3
157	100.0	48.5	145.6





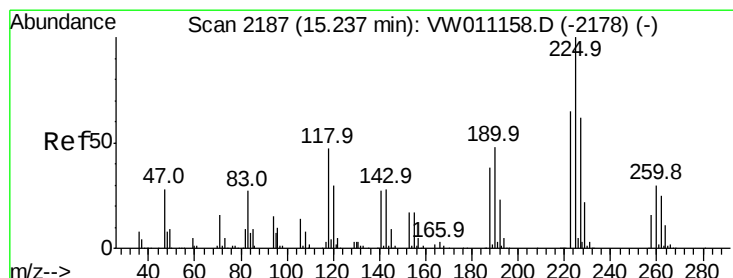
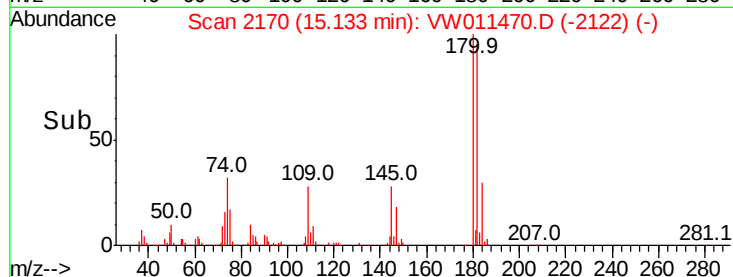
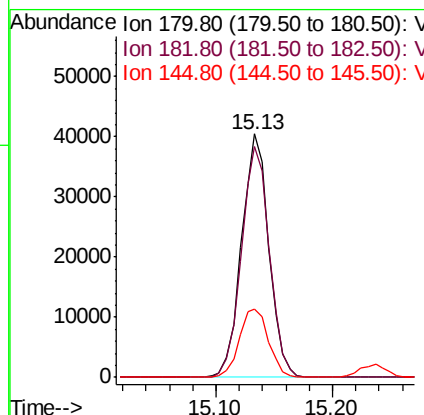
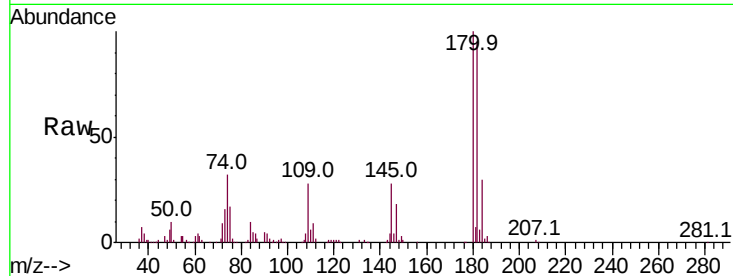
#93
1,2,4-Trichlorobenzene
Concen: 19.978 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.01 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.1	48.3	144.9	
145	30.2	15.5	46.5	

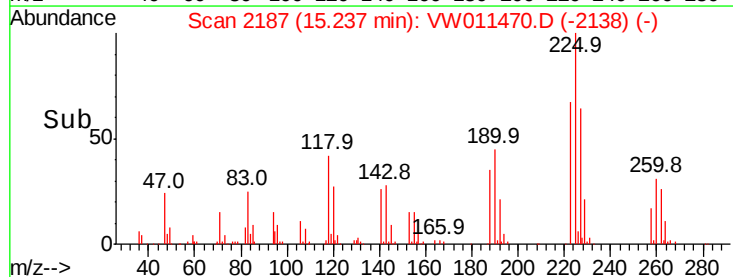
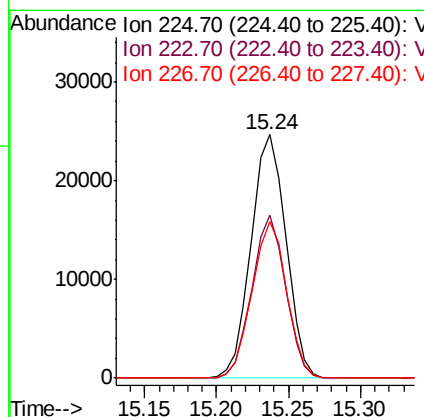
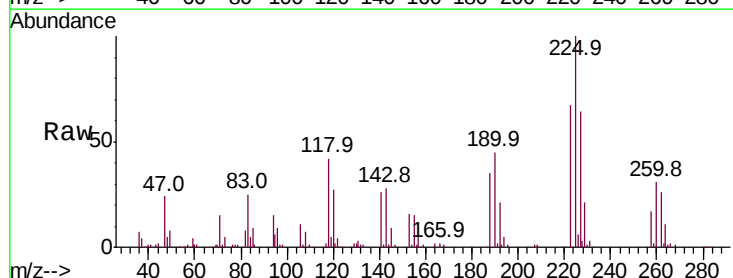
Manual Integrations
APPROVED

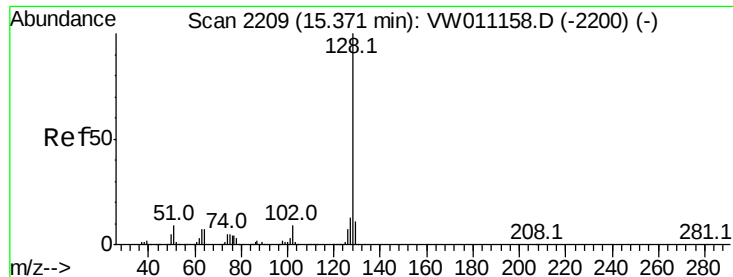
MMDadoda
7/25/2019 8:18:11 AM



#94
Hexachlorobutadiene
Concen: 20.352 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.6	31.6	95.0	
227	63.5	32.0	96.0	





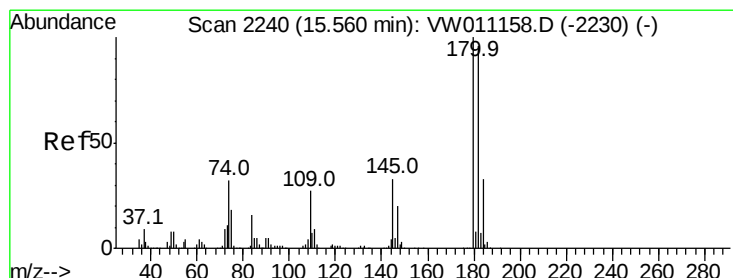
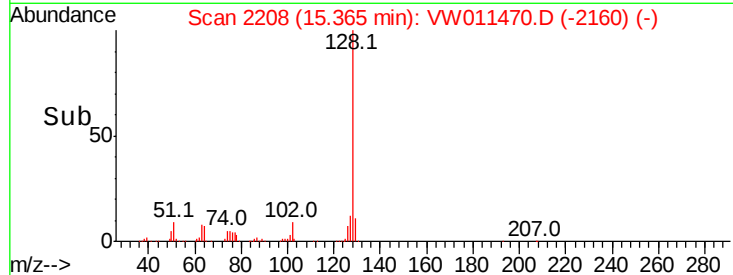
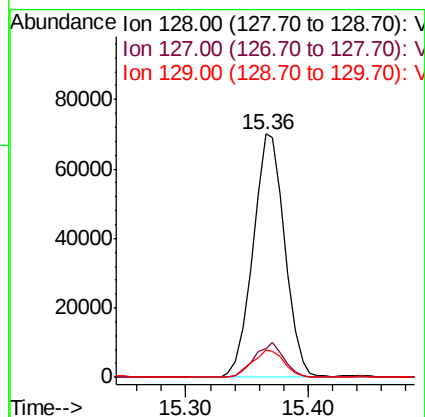
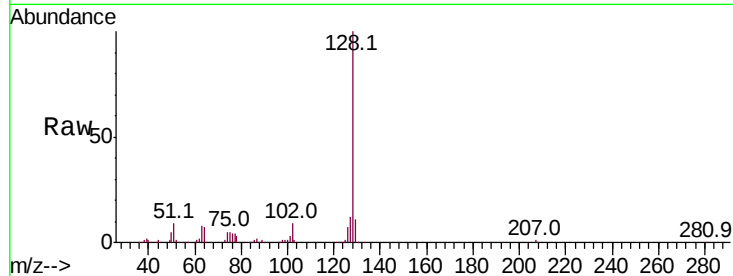
#95
Naphthalene
Concen: 20.019 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	16.0
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/25/2019 8:18:11 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.098 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011470.D
Acq: 24 Jul 2019 13:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.6	142.8
145	31.6	16.5	49.5

