

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071219\
 Data File : VW011229.D
 Acq On : 11 Jul 2019 15:29
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/15/2019 2:06:04 PM

Quant Time: Jul 12 09:42:09 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	196206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	320736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	288293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	127110	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
35) Dibromofluoromethane	7.88	113	102667	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
50) Toluene-d8	10.32	98	422100	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
62) 4-Bromofluorobenzene	12.62	95	153628	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	75893	51.864	ug/l	100
3) Chloromethane	2.21	50	103127	54.693	ug/l	98
4) Vinyl Chloride	2.36	62	134855	54.643	ug/l	97
5) Bromomethane	2.75	94	62483	50.385	ug/l	98
6) Chloroethane	2.90	64	71868	54.065	ug/l	98
7) Trichlorofluoromethane	3.23	101	47789	54.508	ug/l	99
8) Diethyl Ether	3.67	74	65808	54.248	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	115880	55.180	ug/l	98
10) Methyl Iodide	4.26	142	158990	55.045	ug/l	99
11) Tert butyl alcohol	5.17	59	42413	232.361	ug/l	99
12) 1,1-Dichloroethene	4.03	96	120556	55.310	ug/l	96
13) Acrolein	3.89	56	53033	364.870	ug/l	99
14) Allyl chloride	4.65	41	230006	57.868	ug/l	99
15) Acrylonitrile	5.35	53	158814	257.057	ug/l	99
16) Acetone	4.11	43	153271	258.378	ug/l	98
17) Carbon Disulfide	4.37	76	342477	51.828	ug/l	99
18) Methyl Acetate	4.66	43	78729	46.573	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	176645	53.412	ug/l	100
20) Methylene Chloride	4.90	84	130700	55.851	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	125164	55.264	ug/l	97
22) Diisopropyl ether	6.31	45	485618	56.805	ug/l	97
23) Vinyl Acetate	6.24	43	1488648	281.375	ug/l	100
24) 1,1-Dichloroethane	6.21	63	251798	56.091	ug/l	99
25) 2-Butanone	7.17	43	234468	251.798	ug/l	99
26) 2,2-Dichloropropane	7.15	77	117943	50.544	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	136913	56.040	ug/l	99
28) Bromochloromethane	7.51	49	109440	53.616	ug/l	100
29) Tetrahydrofuran	7.52	42	151937	248.841	ug/l	99
30) Chloroform	7.67	83	230575	55.462	ug/l	99
31) Cyclohexane	7.95	56	252101	52.788	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	171676	54.285	ug/l	100
36) 1,1-Dichloropropene	8.07	75	191386	56.034	ug/l	100
37) Ethyl Acetate	7.24	43	101877	49.644	ug/l	99
38) Carbon Tetrachloride	8.06	117	160035	55.272	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	236170	57.049	ug/l	99
40) Benzene	8.32	78	534281	56.602	ug/l	100
41) Methacrylonitrile	7.48	41	60124	51.226	ug/l	98
42) 1,2-Dichloroethane	8.40	62	167250	54.621	ug/l	99
43) Isopropyl Acetate	8.42	43	198515	51.237	ug/l	99
44) Trichloroethene	9.09	130	127604	56.177	ug/l	98
45) 1,2-Dichloropropane	9.37	63	144617	56.577	ug/l	100
46) Dibromomethane	9.45	93	64780	53.950	ug/l	99
47) Bromodichloromethane	9.64	83	170296	55.430	ug/l	98
48) Methyl methacrylate	9.43	41	96173	51.596	ug/l	98
49) 1,4-Dioxane	9.44	88	22668	1131.006	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	514453	254.189	ug/l	100
52) Toluene	10.38	92	328816	57.426	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	175894	53.786	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	212017	55.080	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	92938	54.559	ug/l	97
56) Ethyl methacrylate	10.65	69	138064	53.236	ug/l	98
57) 1,3-Dichloropropane	10.93	76	175178	54.383	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	330391	274.796	ug/l	99
59) 2-Hexanone	10.97	43	354723	252.728	ug/l	100
60) Dibromochloromethane	11.13	129	102491	54.869	ug/l	99
61) 1,2-Dibromoethane	11.23	107	86270	53.466	ug/l	100
64) Tetrachloroethene	10.86	164	105534	54.250	ug/l	96
65) Chlorobenzene	11.66	112	330726	56.425	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	114940	55.694	ug/l	99
67) Ethyl Benzene	11.73	91	641967	57.213	ug/l	100
68) m/p-Xylenes	11.84	106	465607	114.678	ug/l	99
69) o-Xylene	12.16	106	217930	56.950	ug/l	99
70) Styrene	12.18	104	378734	57.347	ug/l	100
71) Bromoform	12.35	173	54976	50.102	ug/l #	99
73) Isopropylbenzene	12.46	105	603351	56.160	ug/l	100
74) N-amyl acetate	12.27	43	193062	51.598	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	109915	49.910	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	77620m	46.735	ug/l	
77) Bromobenzene	12.75	156	130661	54.193	ug/l	99
78) n-propylbenzene	12.80	91	745780	56.352	ug/l	100
79) 2-Chlorotoluene	12.89	91	422317	55.453	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	513999	56.315	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	33706	45.902	ug/l	98
82) 4-Chlorotoluene	12.99	91	439716	55.434	ug/l	100
83) tert-Butylbenzene	13.21	119	430316	56.532	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	514993	56.193	ug/l	100
85) sec-Butylbenzene	13.38	105	619369	56.390	ug/l	99
86) p-Isopropyltoluene	13.50	119	561018	56.948	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	260247	56.102	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	254949	54.579	ug/l	98
89) n-Butylbenzene	13.82	91	571210	58.123	ug/l	99
90) Hexachloroethane	14.10	117	97884	54.374	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	229691	54.579	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18214	46.627	ug/l	98

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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	15.14	180	168550	58.148	ug/l	99
94) Hexachlorobutadiene	15.24	225	103517	58.170	ug/l	100
95) Naphthalene	15.37	128	306000	55.090	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	145796	56.992	ug/l	100

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

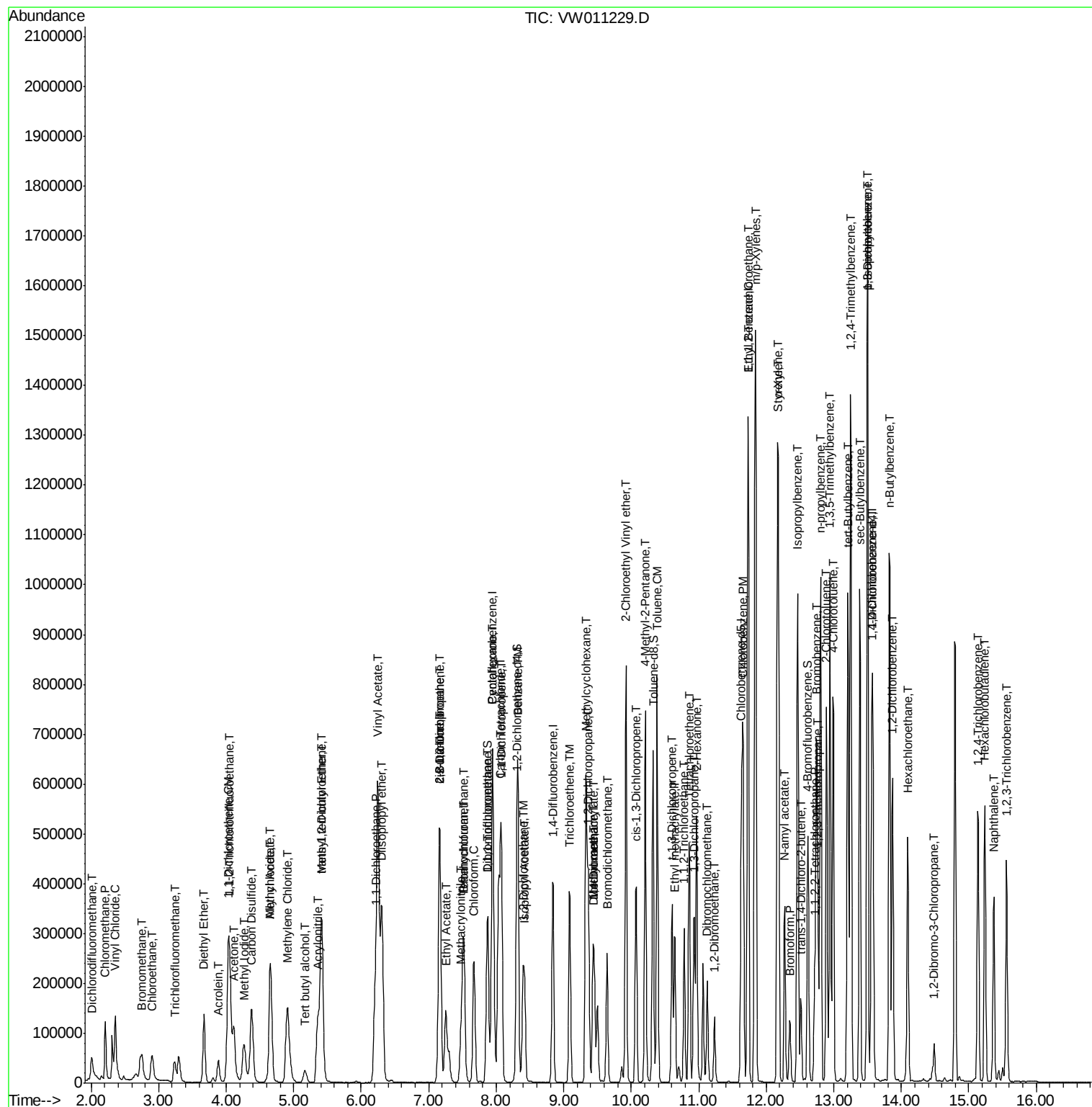
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071219\
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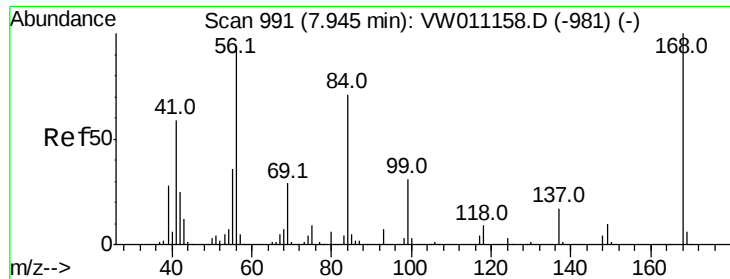
Instrument :
 MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 196206

Ion Ratio Lower Upper

168 100

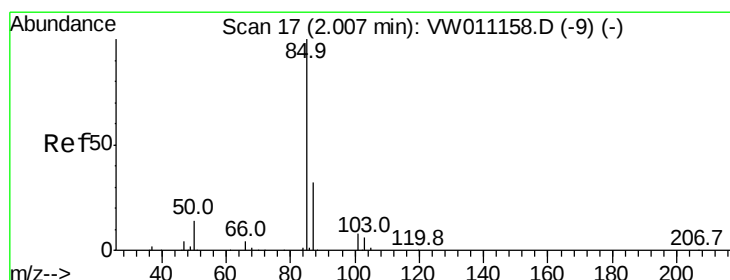
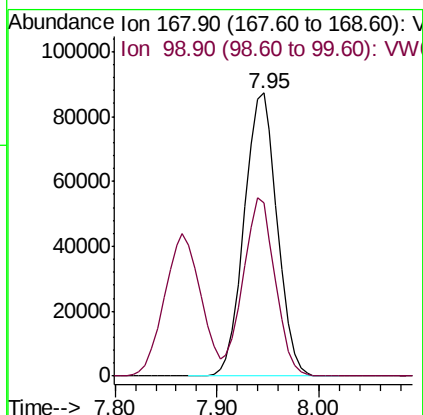
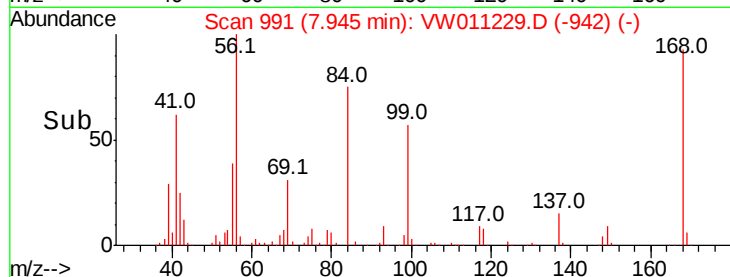
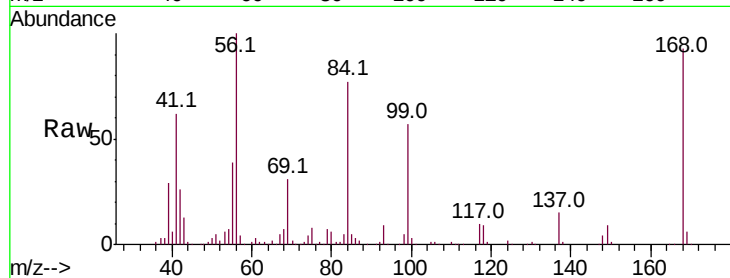
99 61.2 50.1 75.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 51.864 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011229.D

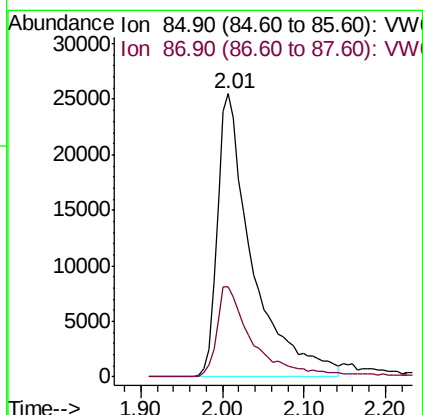
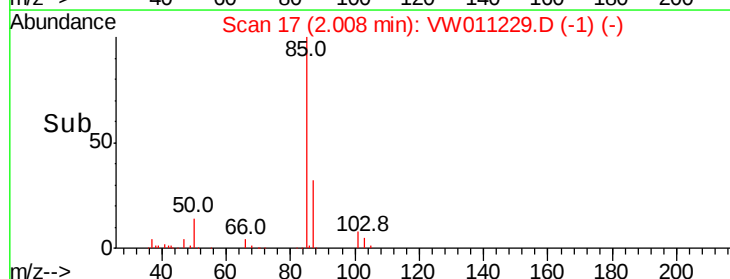
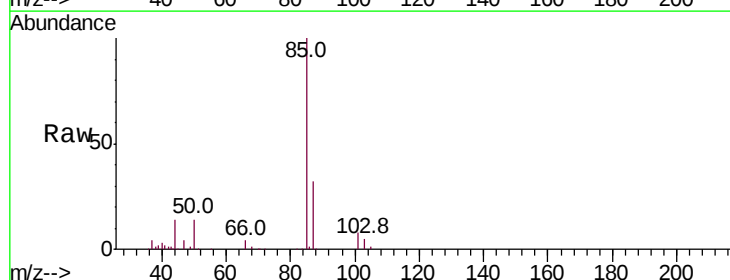
Acq: 11 Jul 2019 15:29

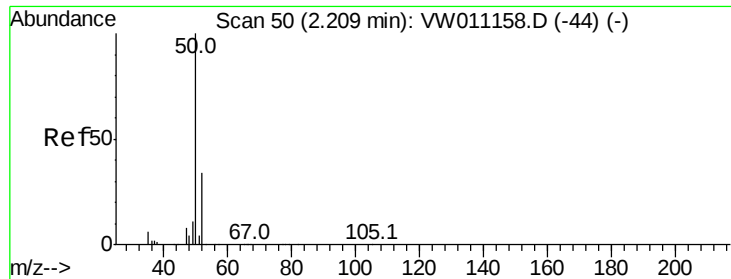
Tgt Ion: 85 Resp: 75893

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.6





#3

Chloromethane

Concen: 54.693 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 103127

Ion Ratio Lower Upper

50 100

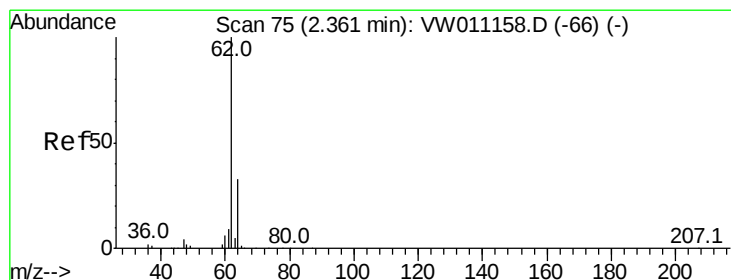
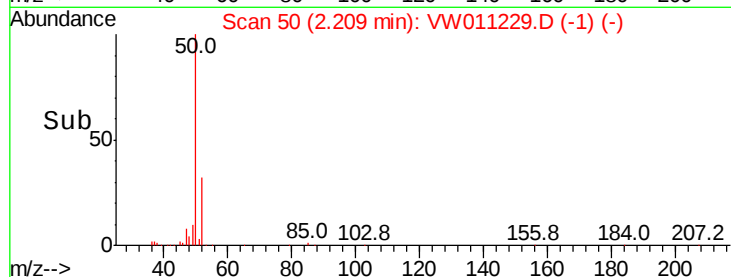
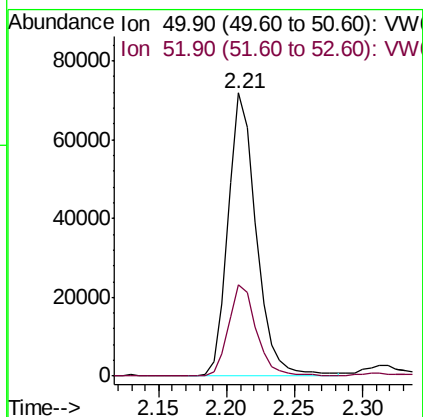
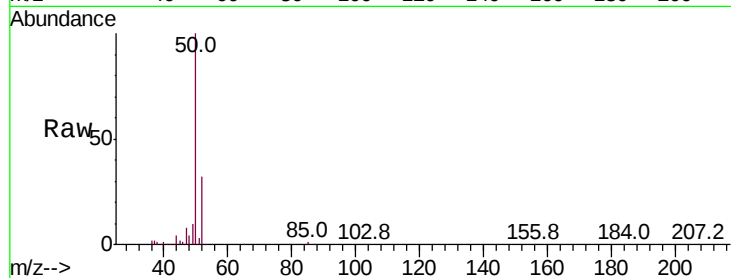
52 32.4 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 54.643 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011229.D

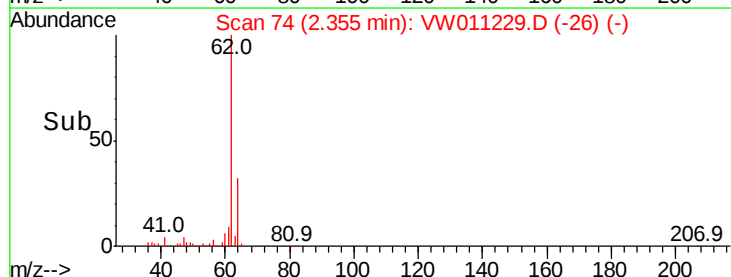
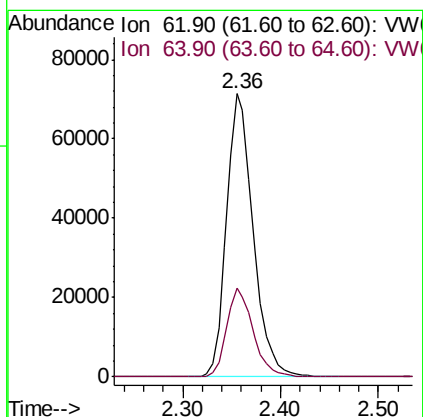
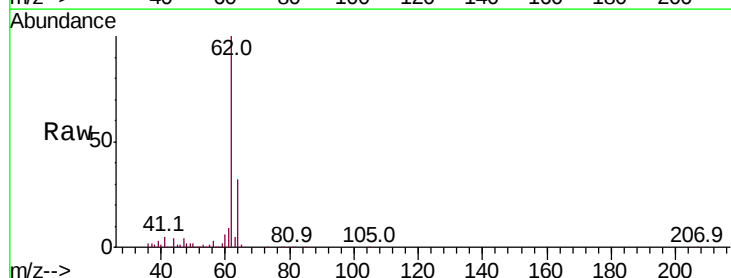
Acq: 11 Jul 2019 15:29

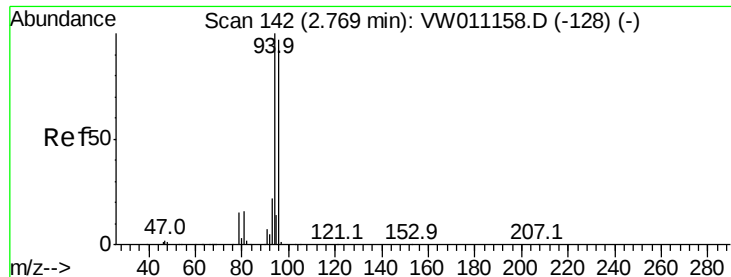
Tgt Ion: 62 Resp: 134855

Ion Ratio Lower Upper

62 100

64 31.6 26.6 40.0





#5

Bromomethane

Concen: 50.385 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 62483

Ion Ratio Lower Upper

94 100

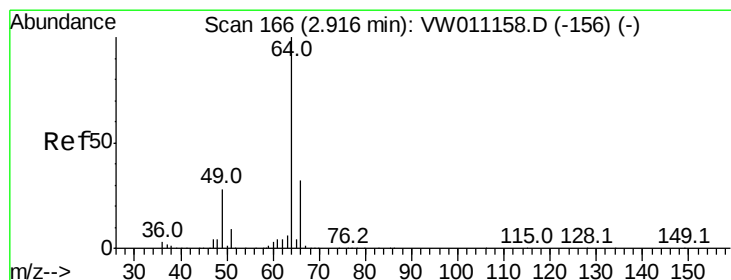
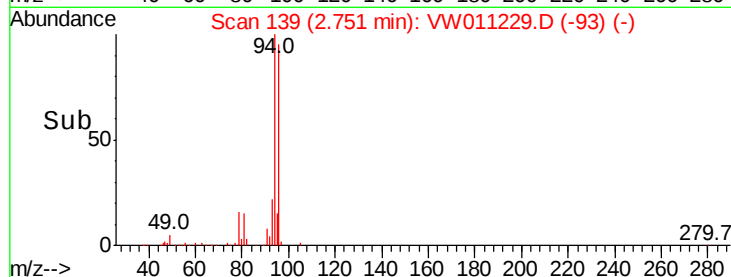
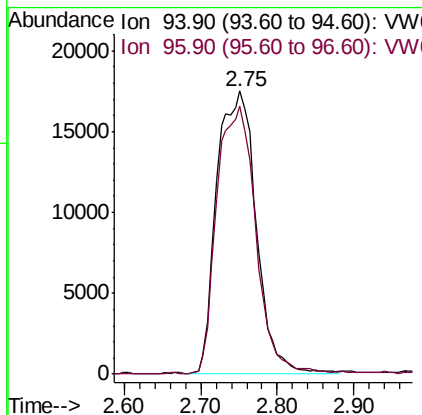
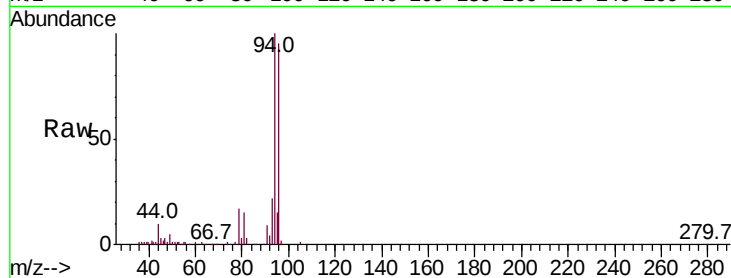
96 94.6 77.4 116.0

Manual Integrations

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#6

Chloroethane

Concen: 54.065 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW011229.D

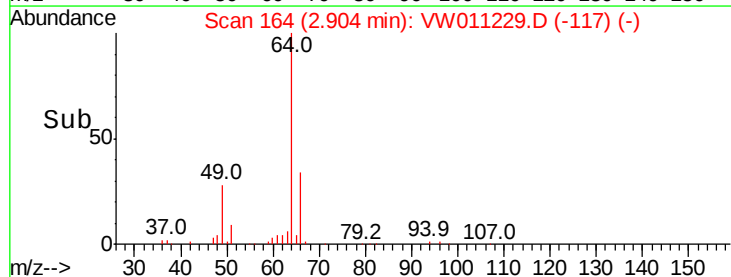
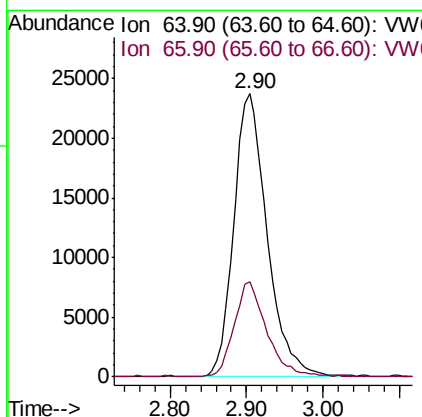
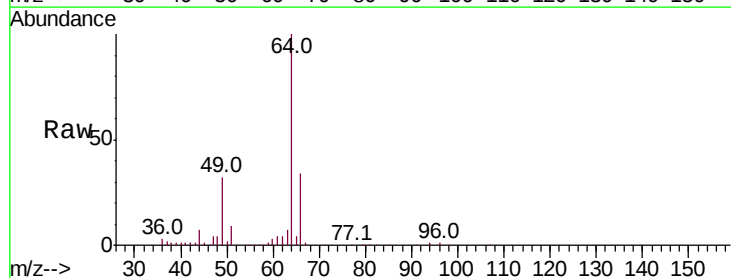
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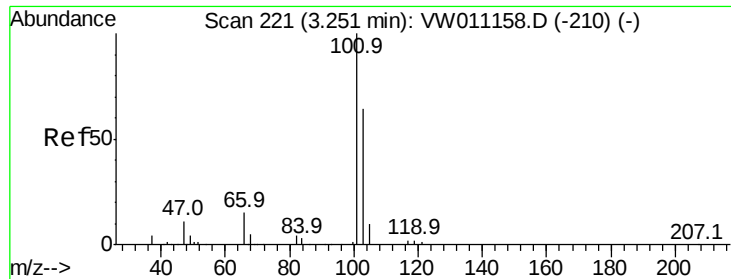
Tgt Ion: 64 Resp: 71868

Ion Ratio Lower Upper

64 100

66 33.6 25.8 38.8





#7

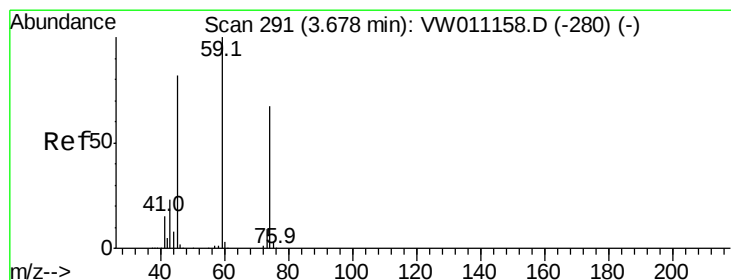
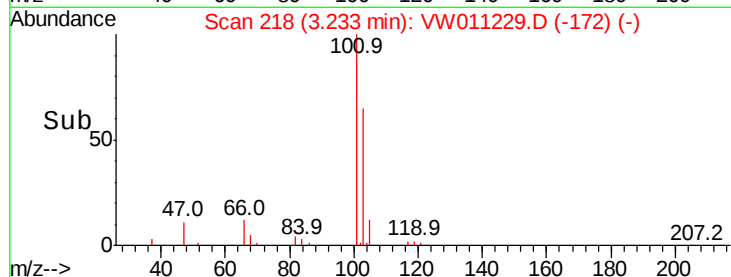
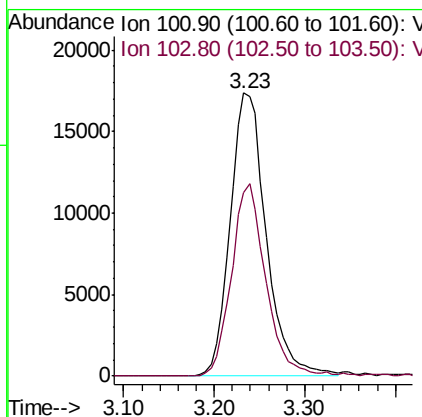
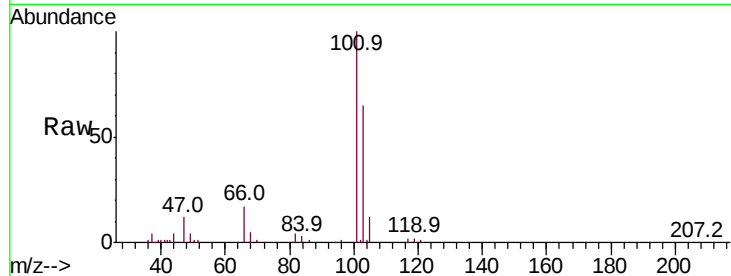
Trichlorofluoromethane
 Concen: 54.508 ug/l
 RT: 3.23 min Scan# 218
 Delta R.T. -0.02 min
 Lab File: VW011229.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.3	76.9

Manual Integrations
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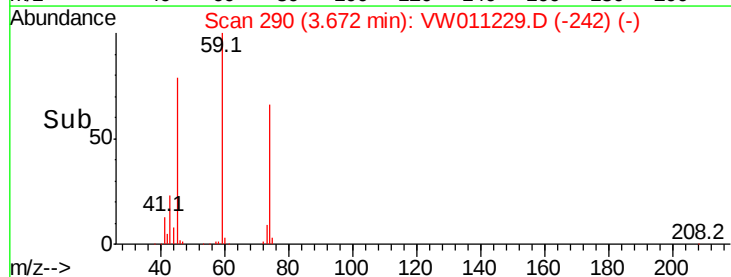
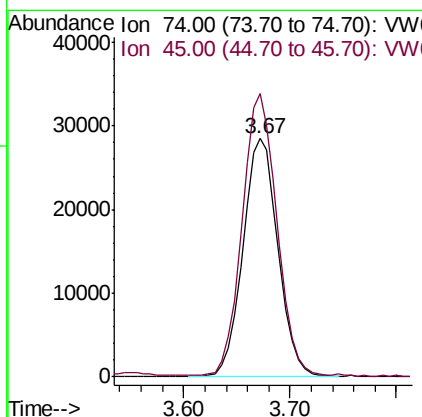
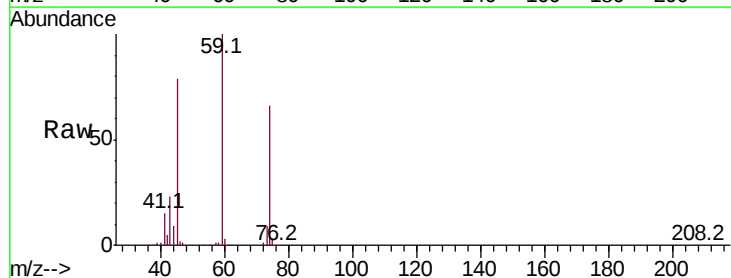
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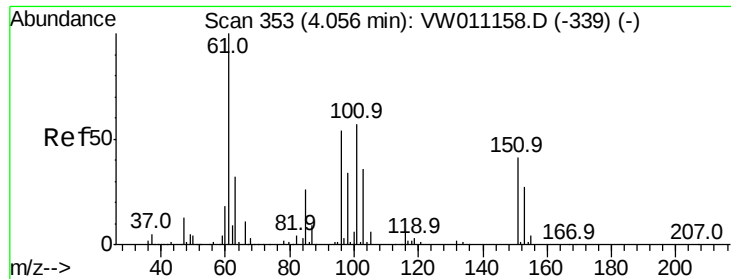


#8

Diethyl Ether
 Concen: 54.248 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW011229.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	118.3	59.9	179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.180 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Instrument :

MSVOA_W

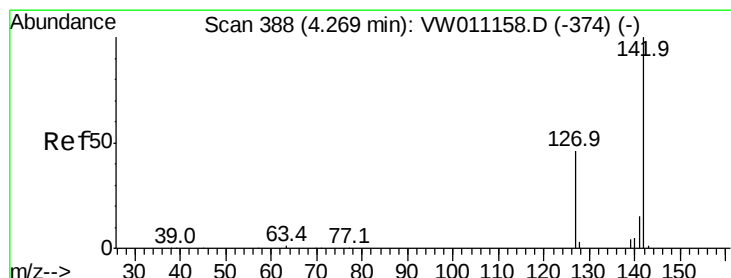
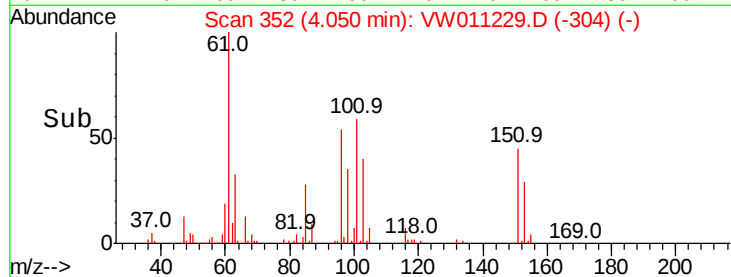
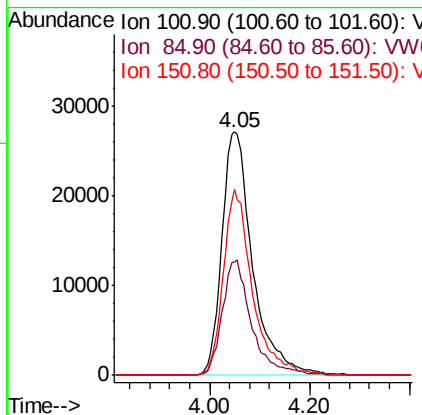
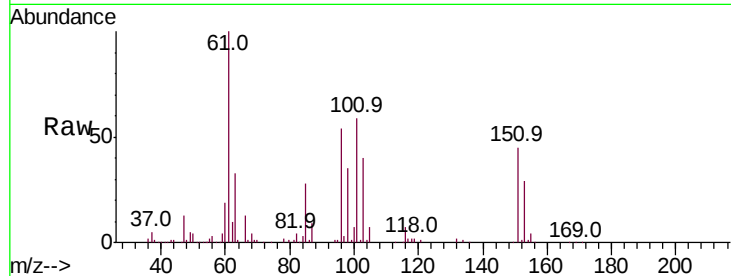
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	115880
Ion Ratio	Lower	Upper	
101	100		
85	44.9	36.5	54.7
151	72.1	59.1	88.7

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#10

Methyl Iodide

Concen: 55.045 ug/l

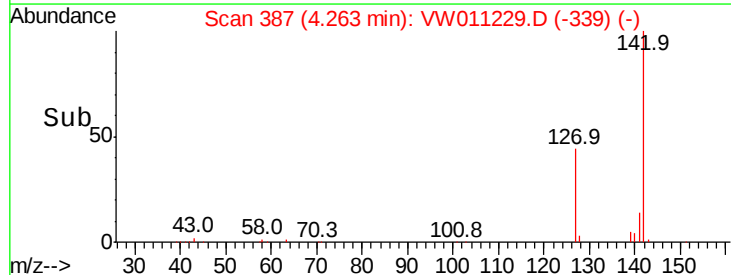
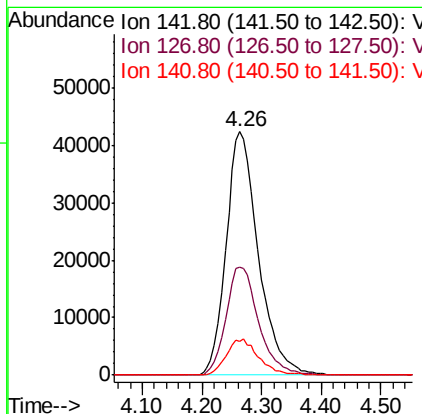
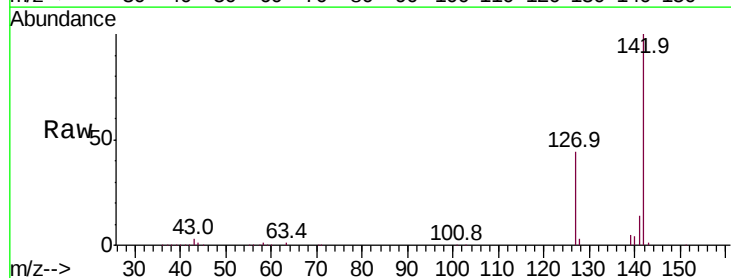
RT: 4.26 min Scan# 387

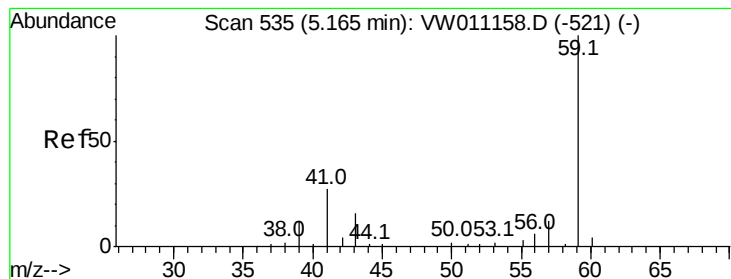
Delta R.T. -0.01 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Tgt Ion:	142	Resp:	158990
Ion Ratio	Lower	Upper	
142	100		
127	45.1	35.7	53.5
141	15.0	11.5	17.3





#11

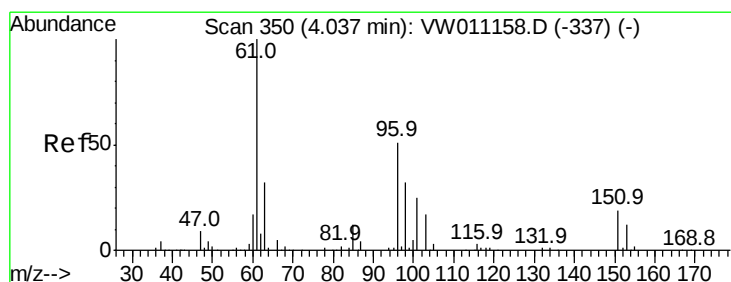
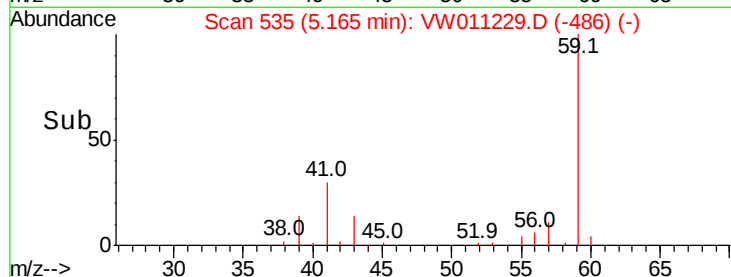
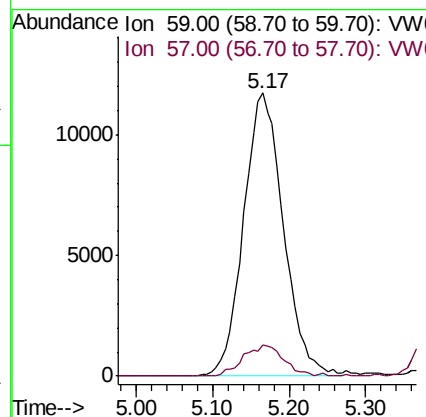
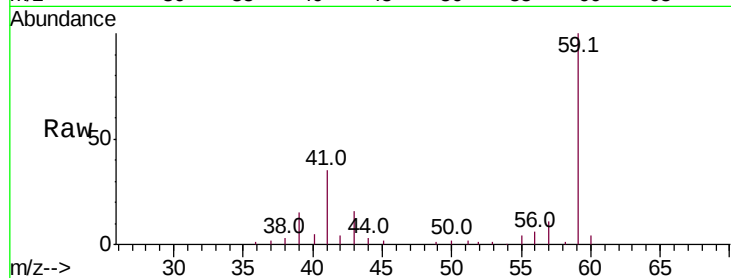
Tert butyl alcohol
 Concen: 232.361 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VW011229.D
 Acq: 11 Jul 2019 15:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	9.0	13.6

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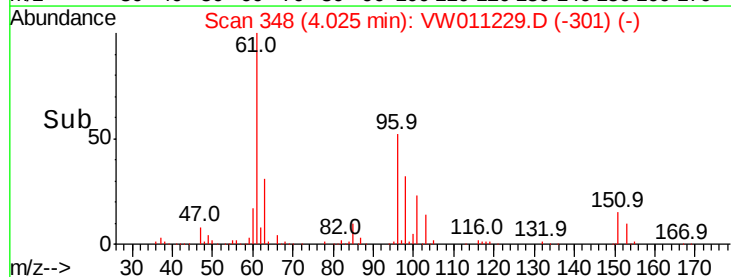
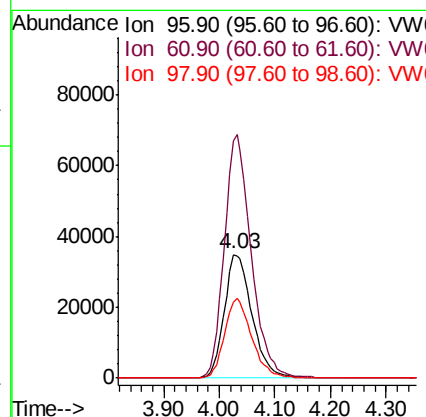
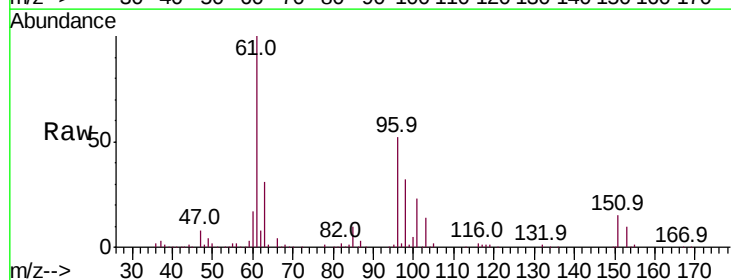
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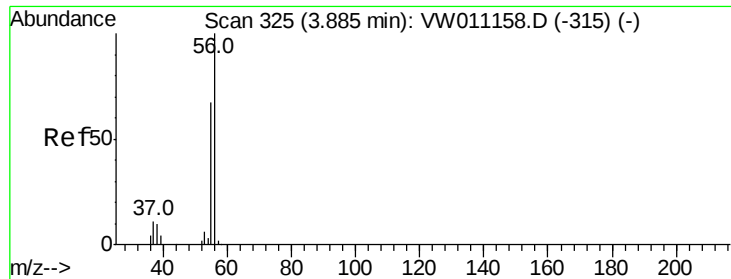


#12

1,1-Dichloroethene
 Concen: 55.310 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VW011229.D
 Acq: 11 Jul 2019 15:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	191.8	157.7	236.5
98	60.9	50.9	76.3





#13

Acrolein

Concen: 364.870 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 53033

Ion Ratio Lower Upper

56 100

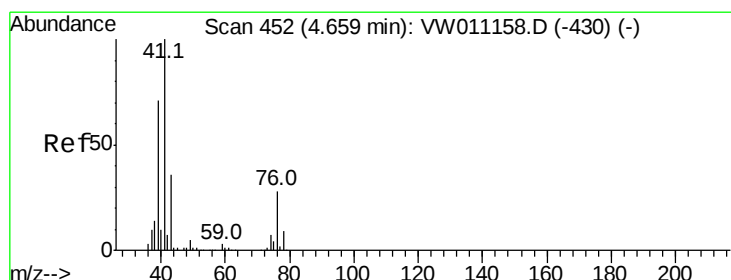
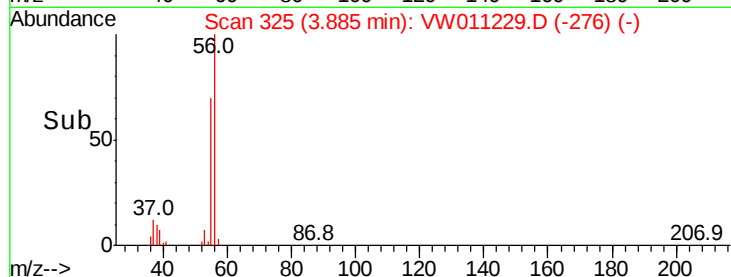
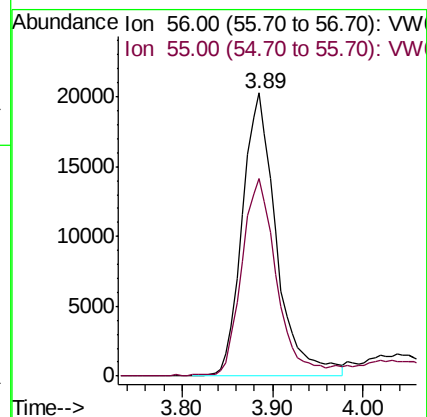
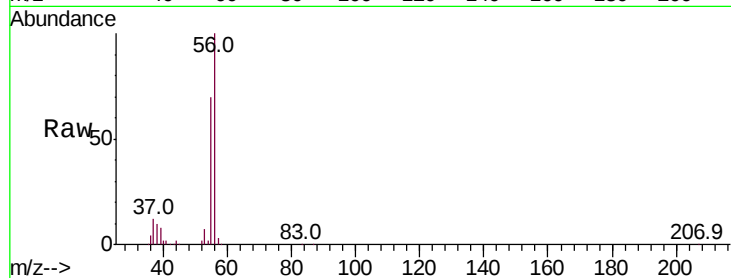
55 70.0 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 57.868 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

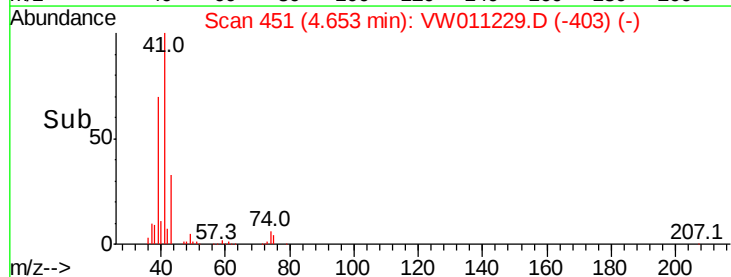
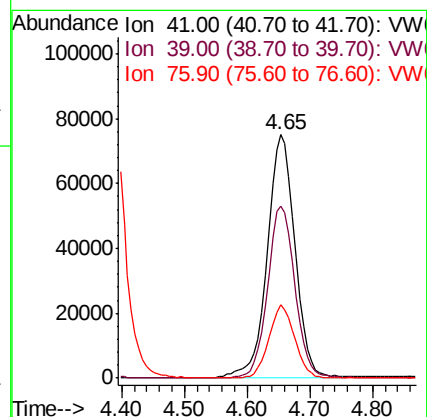
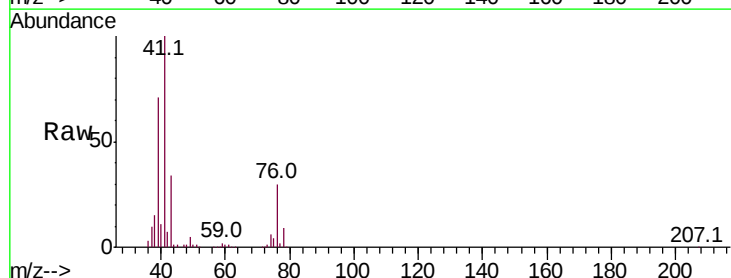
Tgt Ion: 41 Resp: 230006

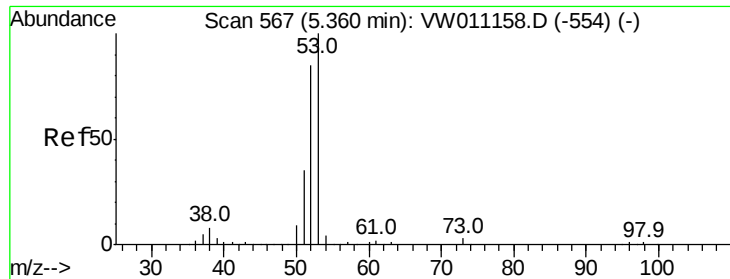
Ion Ratio Lower Upper

41 100

39 69.8 55.1 82.7

76 28.1 22.5 33.7





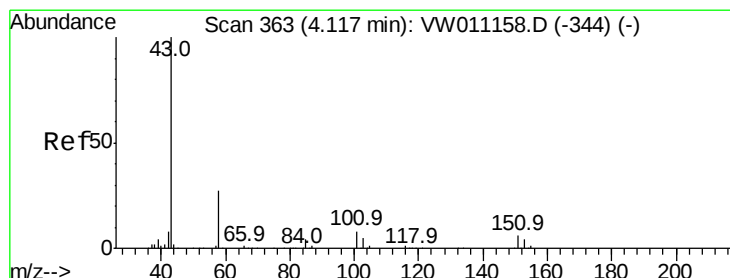
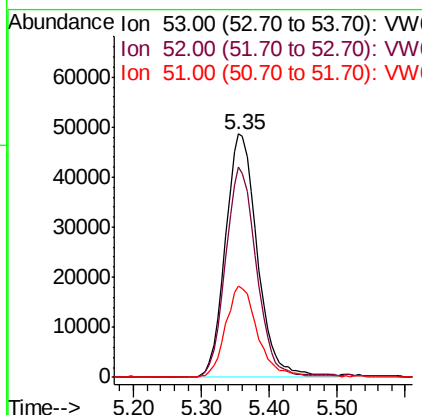
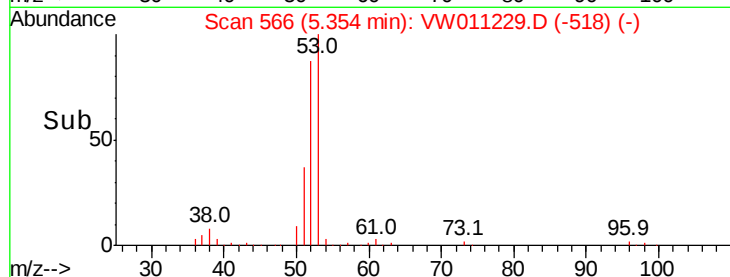
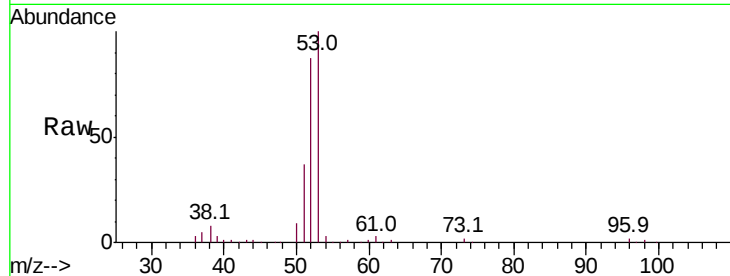
#15
 Acrylonitrile
 Concen: 257.057 ug/l
 RT: 5.35 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: VW011229.D
 Acq: 11 Jul 2019 15:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	158814
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.2	99.4
51	37.6	29.1	43.7

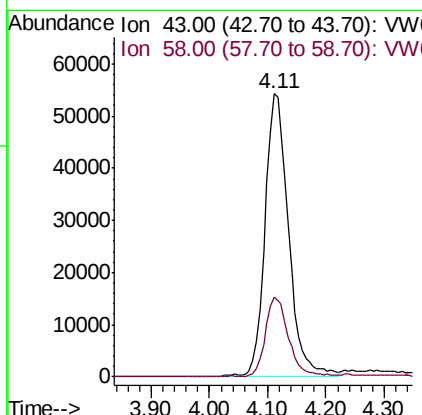
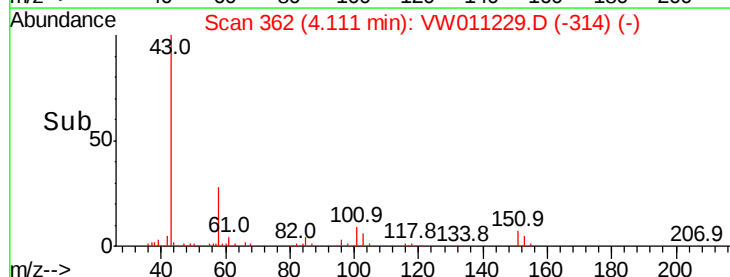
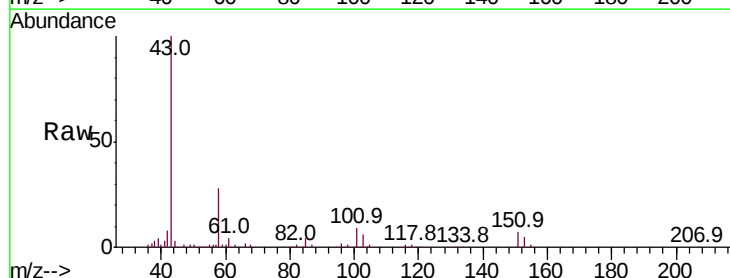
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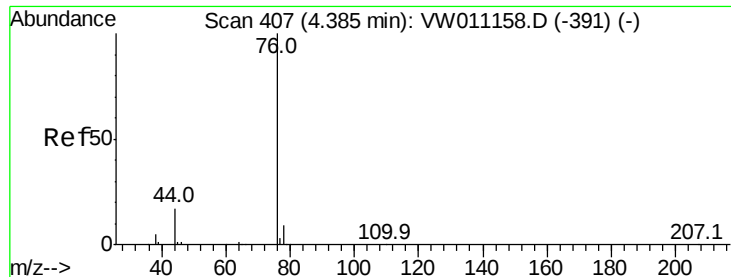
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#16
 Acetone
 Concen: 258.378 ug/l
 RT: 4.11 min Scan# 362
 Delta R.T. -0.01 min
 Lab File: VW011229.D
 Acq: 11 Jul 2019 15:29

Tgt Ion:	43	Resp:	153271
Ion	Ratio	Lower	Upper
43	100		
58	28.0	21.8	32.6





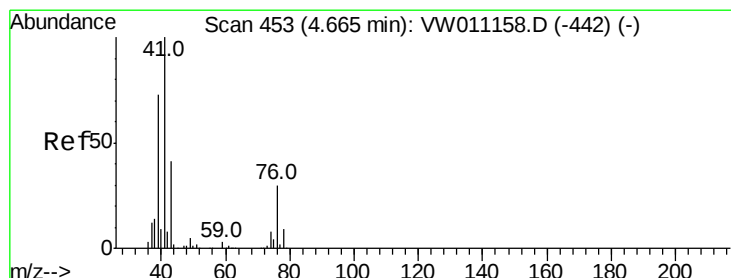
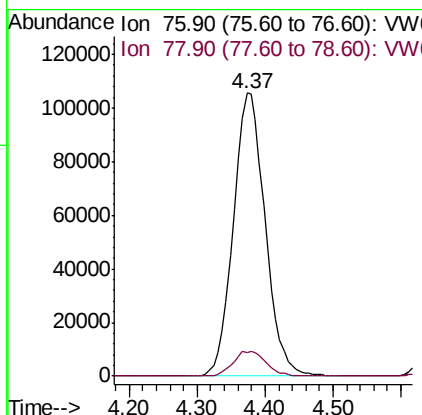
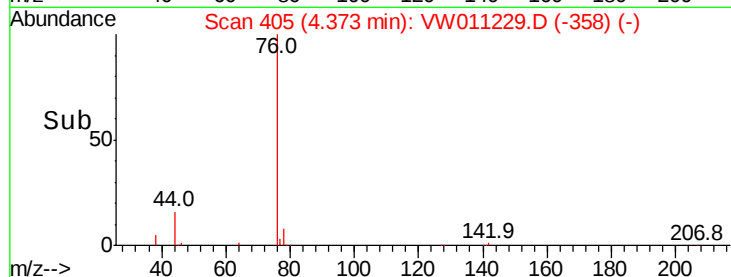
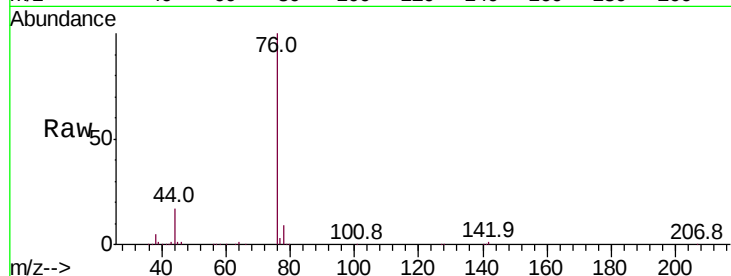
#17
Carbon Disulfide
Concen: 51.828 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.1	10.7

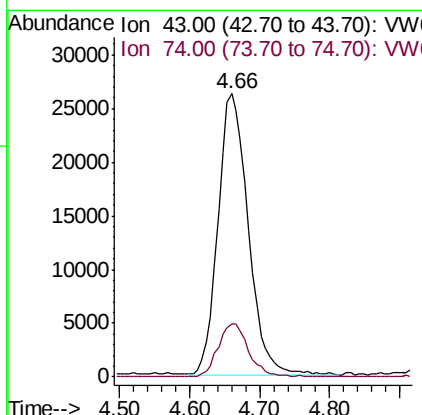
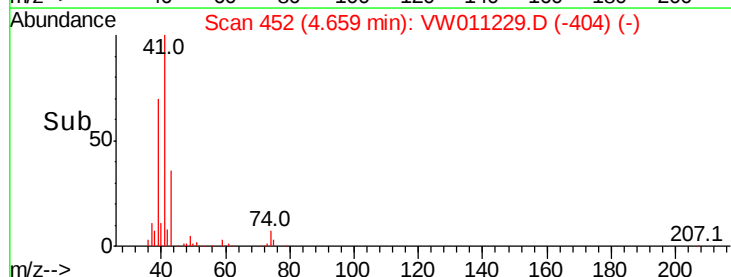
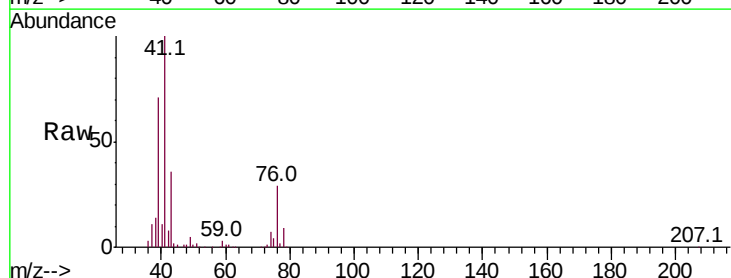
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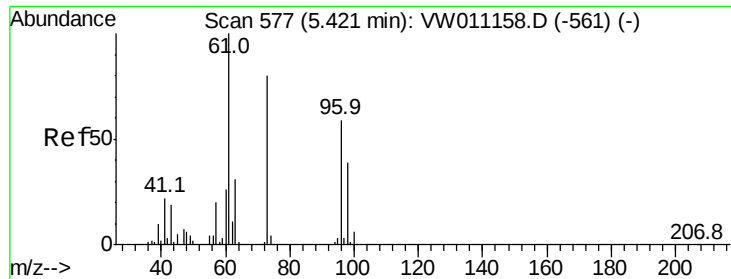
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#18
Methyl Acetate
Concen: 46.573 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.0	15.7	23.5





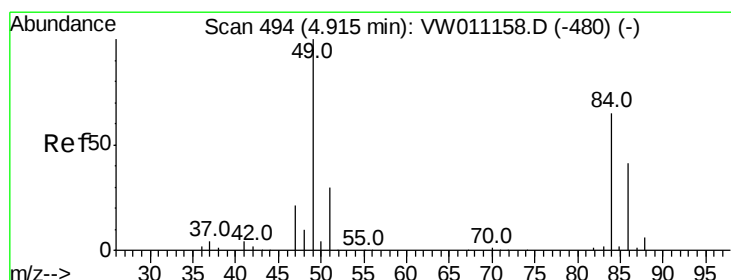
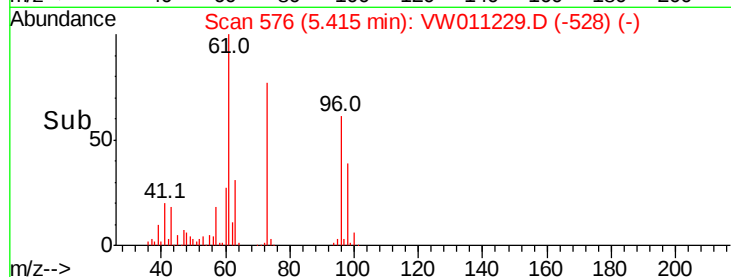
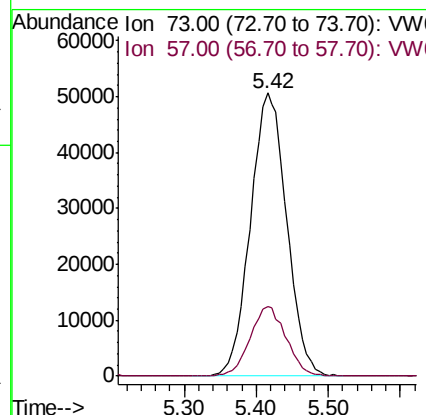
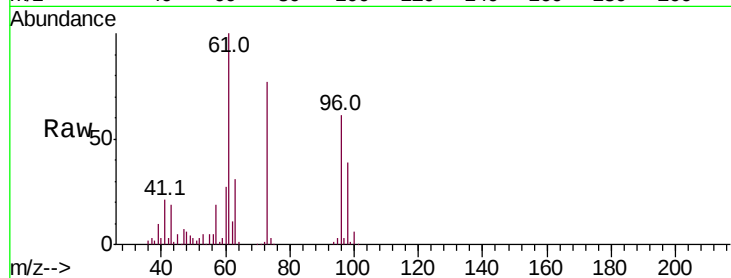
#19
Methyl tert-butyl Ether
Concen: 53.412 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 176645
Ion Ratio Lower Upper
73 100
57 24.4 19.7 29.5

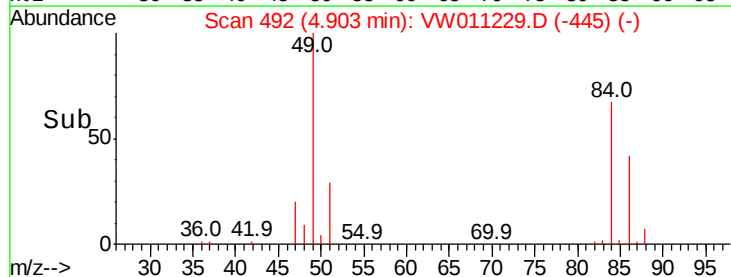
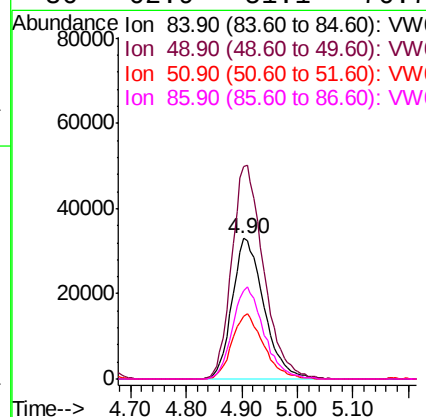
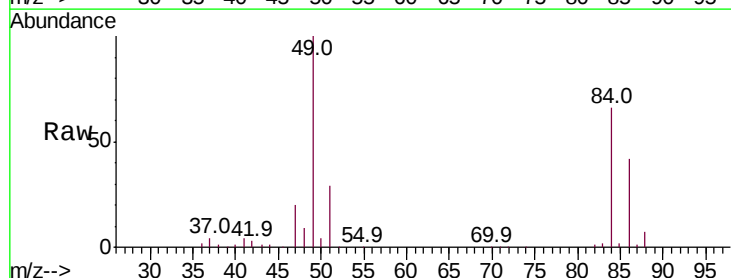
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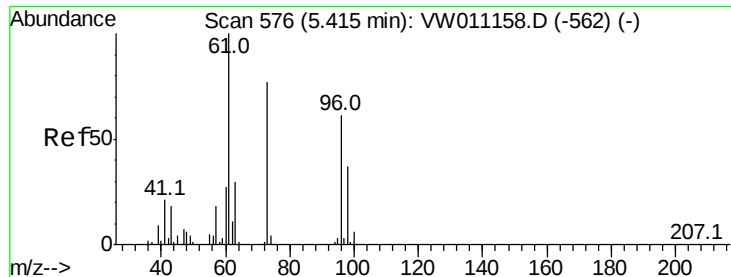
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#20
Methylene Chloride
Concen: 55.851 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Tgt Ion: 84 Resp: 130700
Ion Ratio Lower Upper
84 100
49 151.2 123.8 185.6
51 44.4 37.4 56.2
86 62.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 55.264 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Instrument :

MSVOA_W

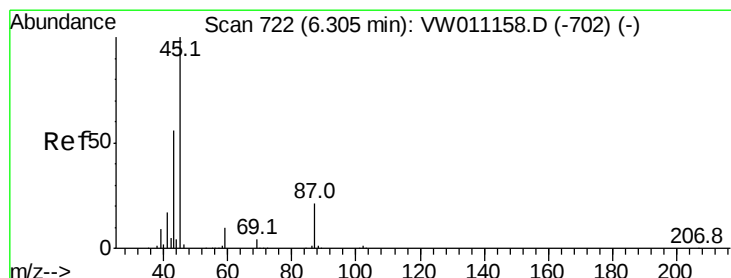
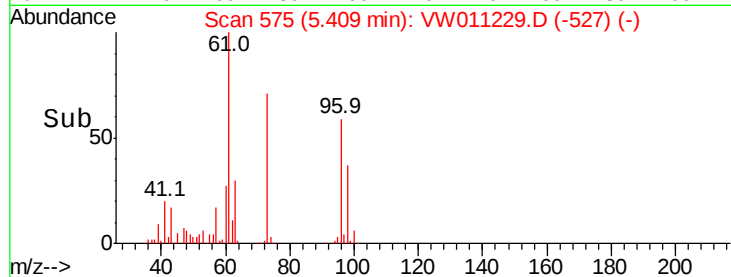
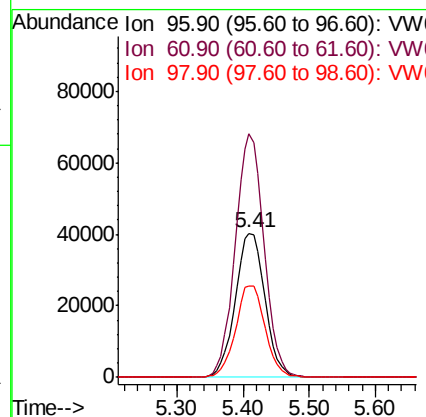
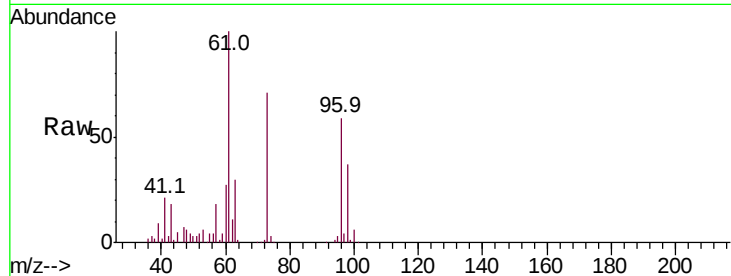
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	125164
Ion Ratio	Lower	Upper	
96	100		
61	169.1	132.2	198.2
98	63.0	49.4	74.0

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#22

Diisopropyl ether

Concen: 56.805 ug/l

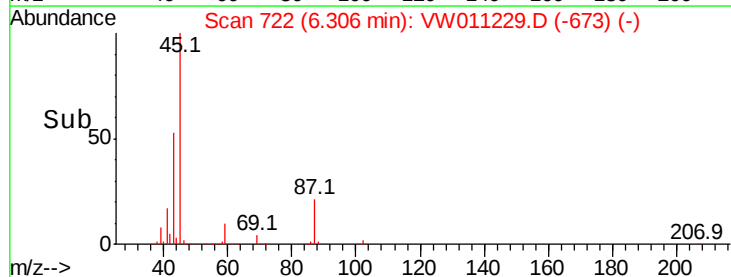
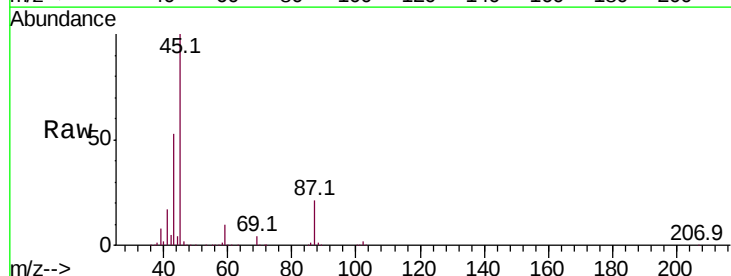
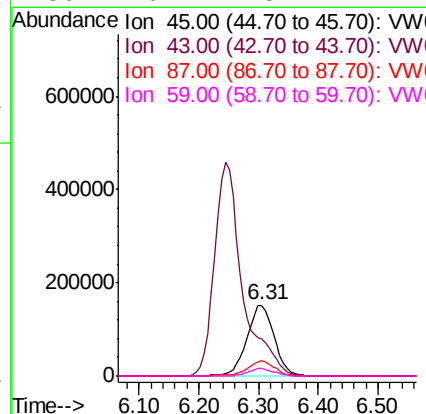
RT: 6.31 min Scan# 722

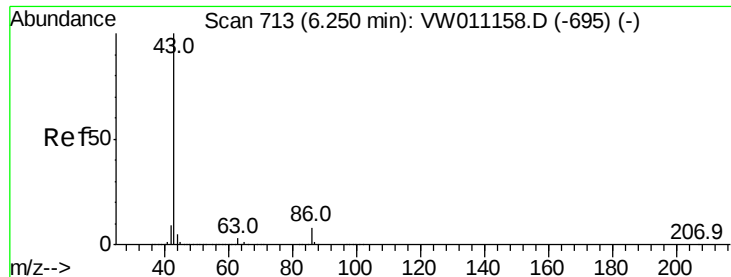
Delta R.T. 0.00 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Tgt Ion:	45	Resp:	485618
Ion Ratio	Lower	Upper	
45	100		
43	52.2	44.6	66.8
87	21.1	17.3	25.9
59	10.1	8.2	12.2





#23

Vinyl Acetate

Concen: 281.375 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1488648

Ion Ratio Lower Upper

43 100

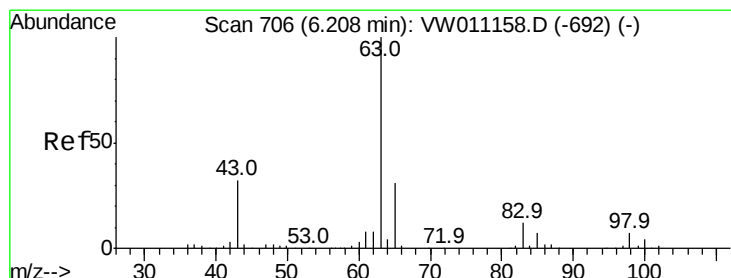
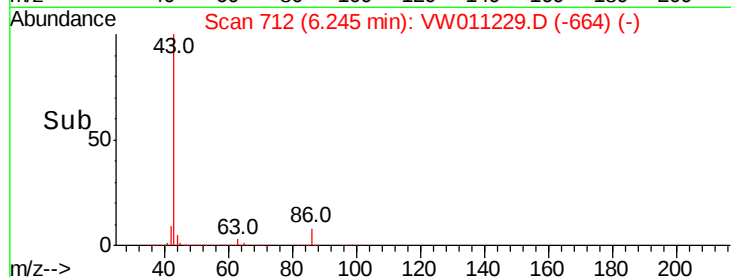
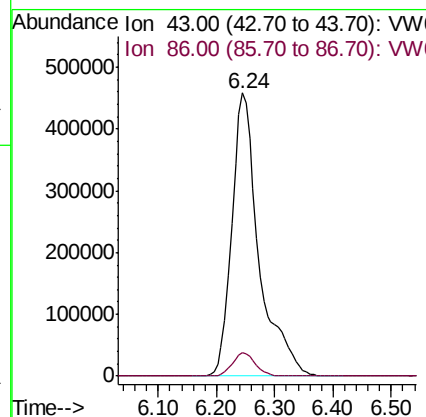
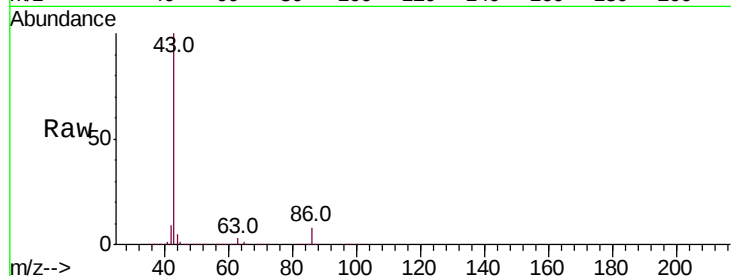
86 8.1 6.5 9.7

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#24

1,1-Dichloroethane

Concen: 56.091 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

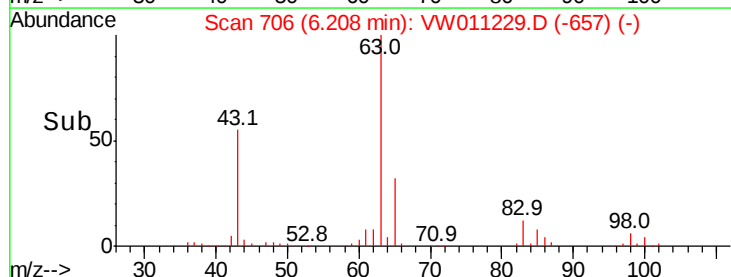
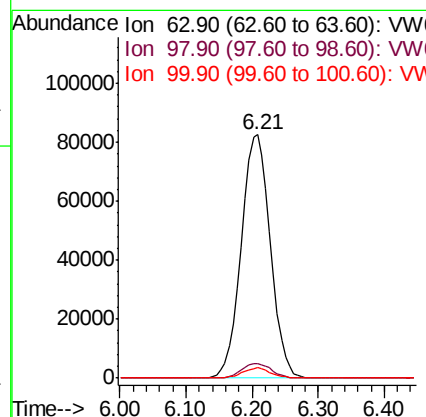
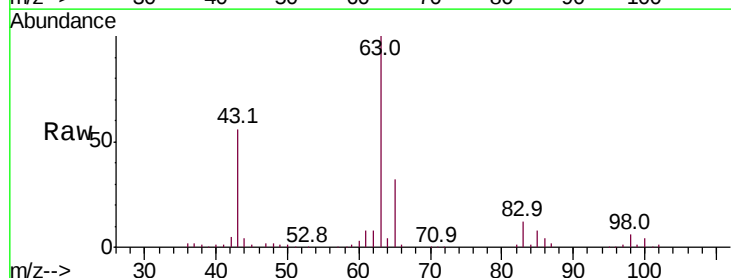
Tgt Ion: 63 Resp: 251798

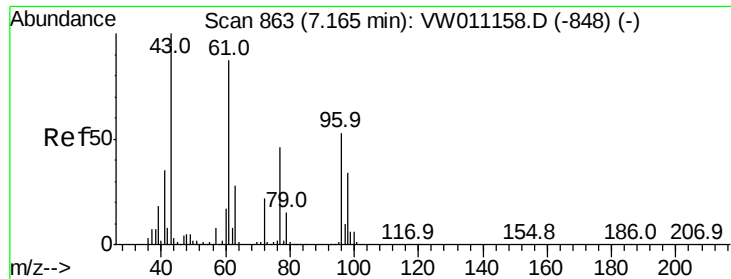
Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.9

100 4.1 2.1 6.2





#25

2-Butanone

Concen: 251.798 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 234468

Ion Ratio Lower Upper

43 100

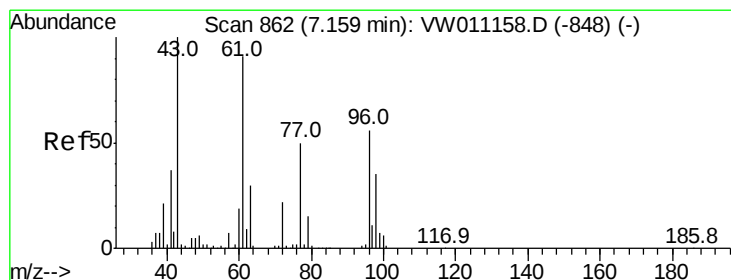
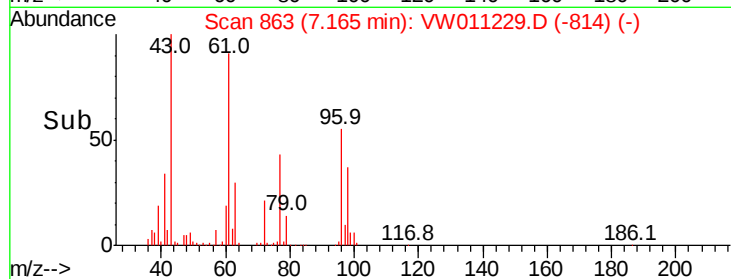
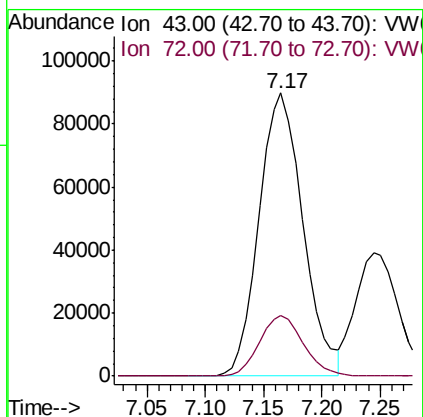
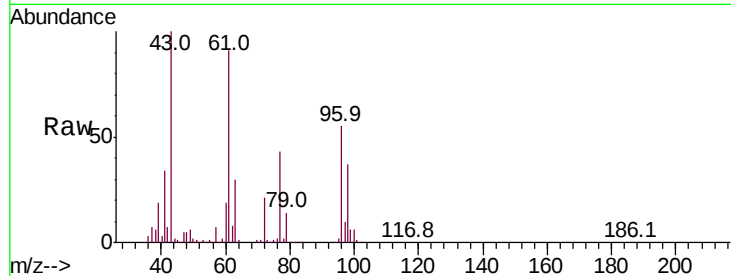
72 21.3 17.6 26.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.544 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW011229.D

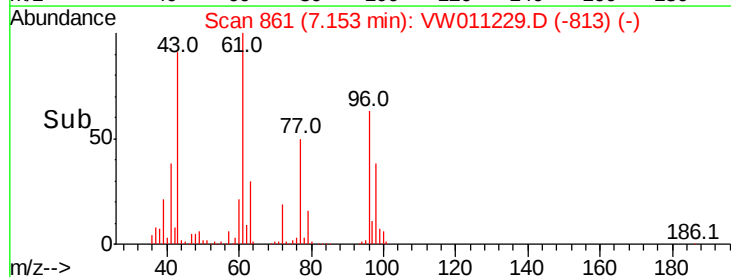
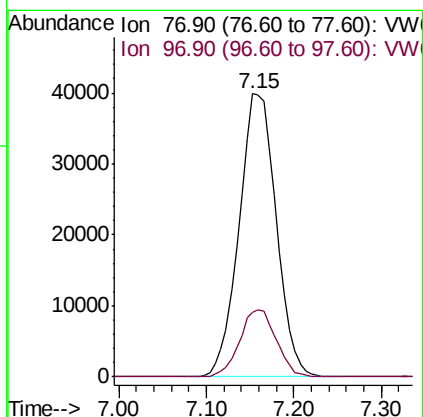
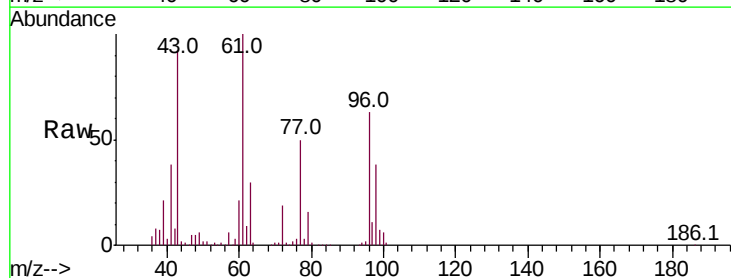
Acq: 11 Jul 2019 15:29

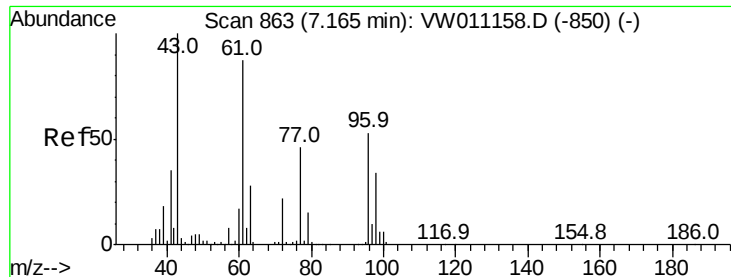
Tgt Ion: 77 Resp: 117943

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.5





#27

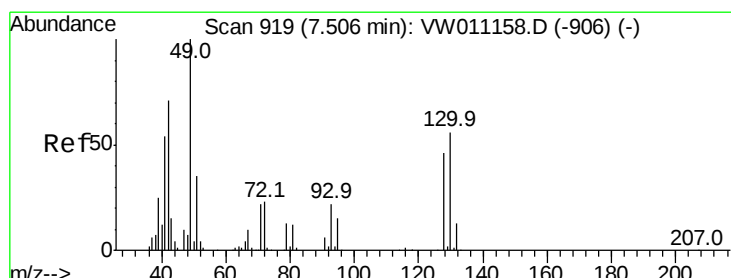
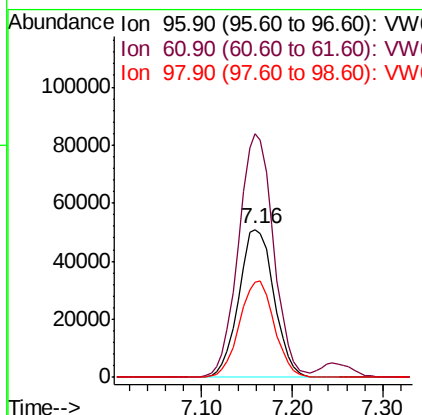
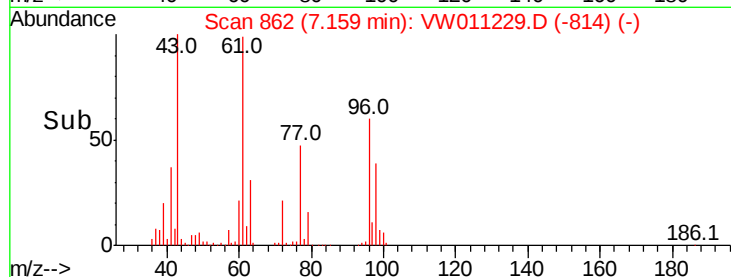
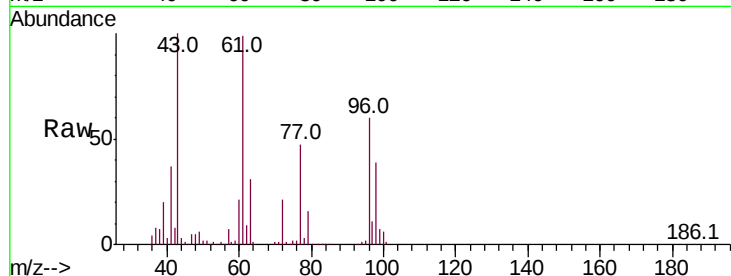
cis-1,2-Dichloroethene
Concen: 56.040 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	163.9	0.0	325.6	
98	64.3	0.0	128.2	

Manual Integrations
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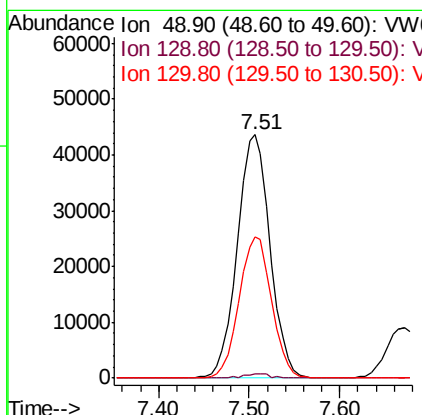
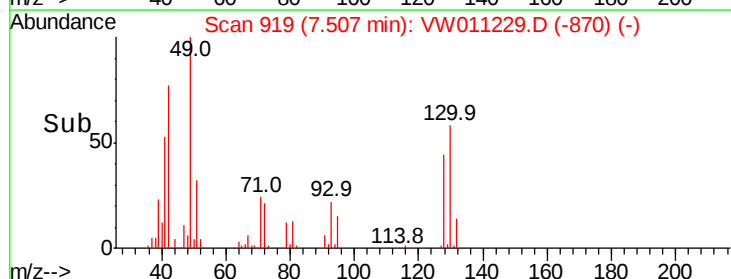
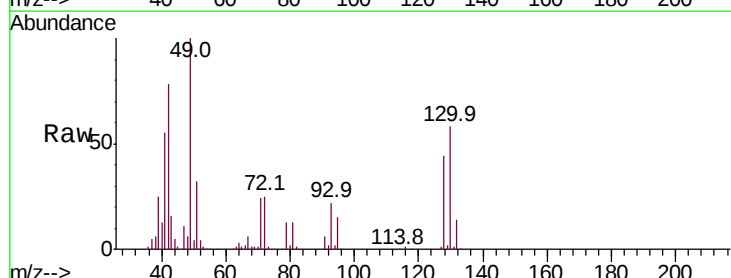
MMDadoda
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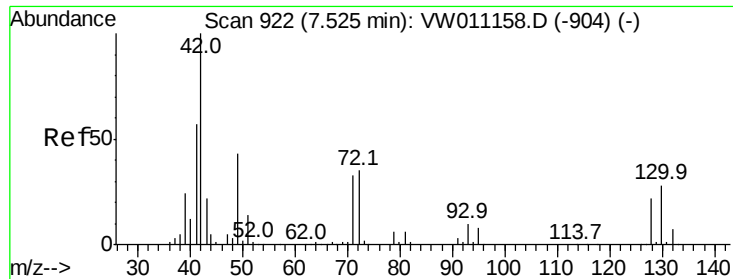


#28

Bromochloromethane
Concen: 53.616 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.3	0.0	1.4	
130	57.5	45.8	68.8	





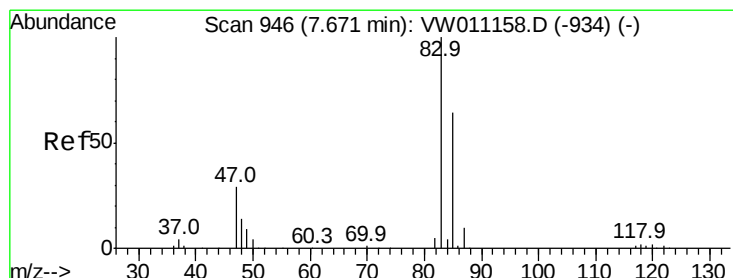
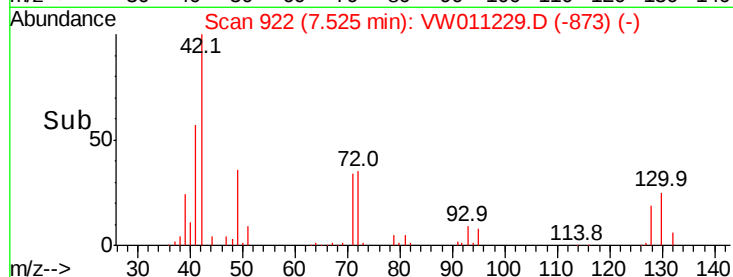
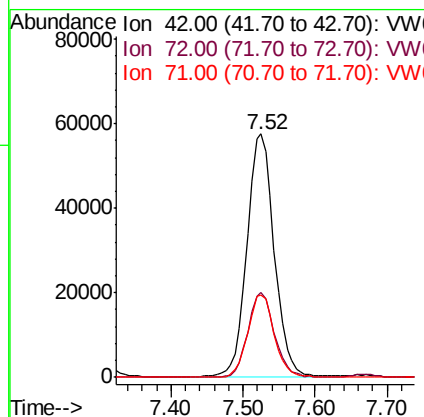
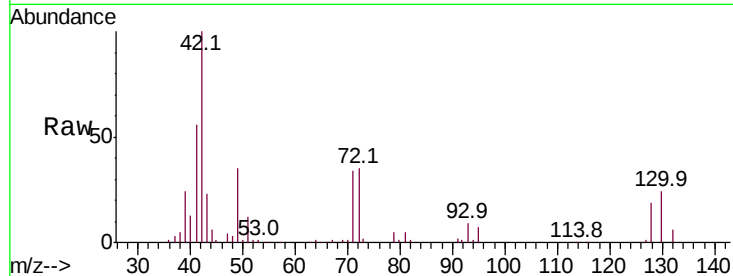
#29
Tetrahydrofuran
Concen: 248.841 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.0	27.4	41.2
71	32.8	25.9	38.9

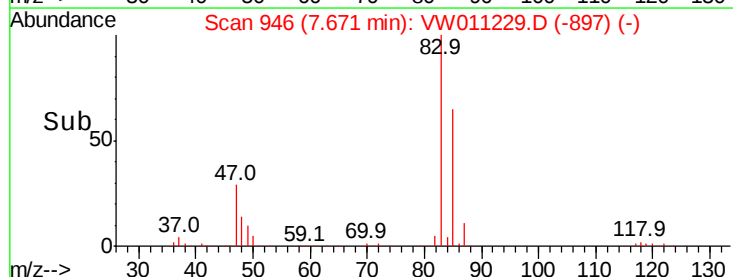
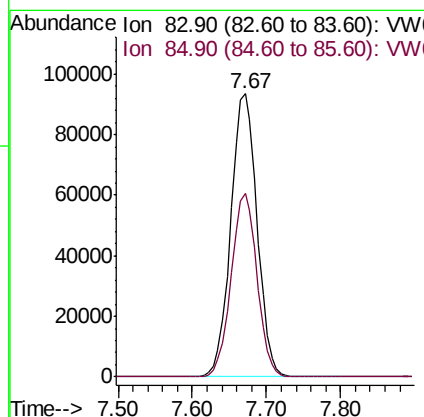
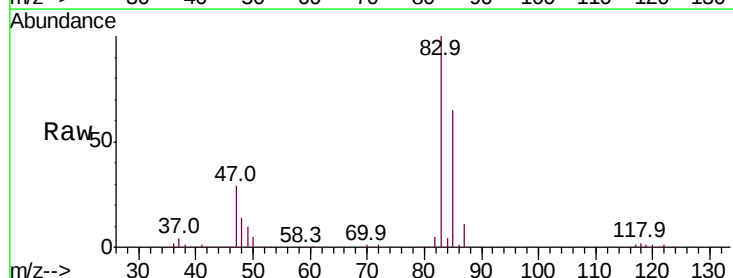
Manual Integrations
APPROVED

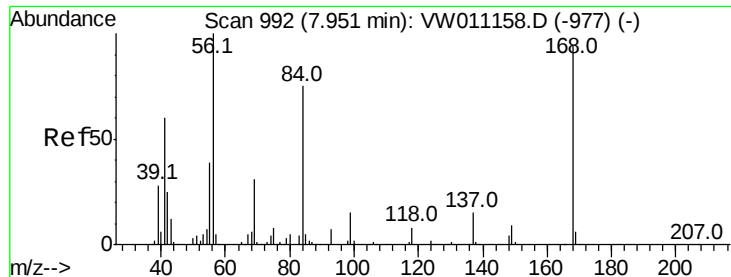
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#30
Chloroform
Concen: 55.462 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.4	77.2





#31

Cyclohexane

Concen: 52.788 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Instrument :

MSVOA_W

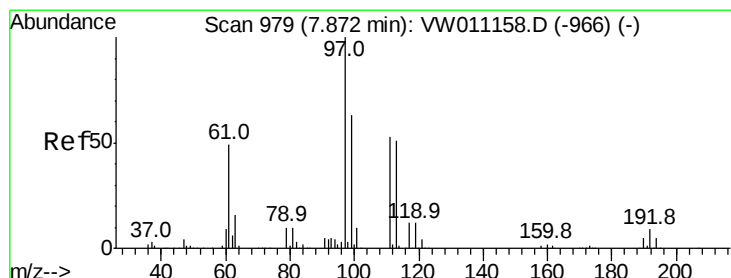
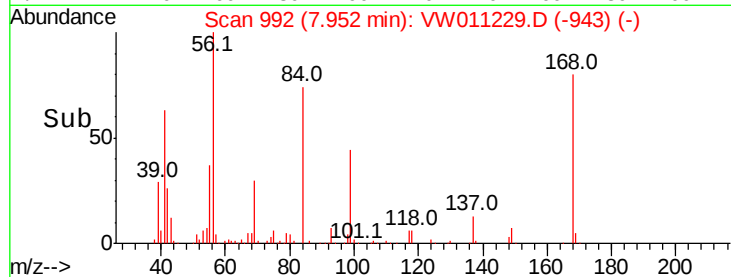
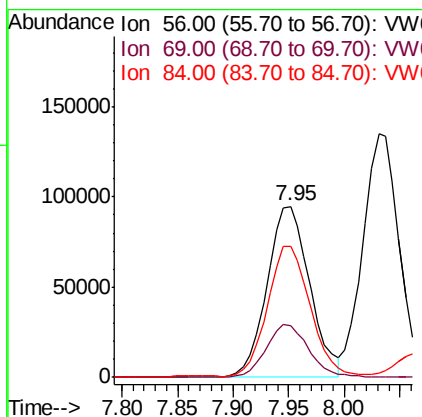
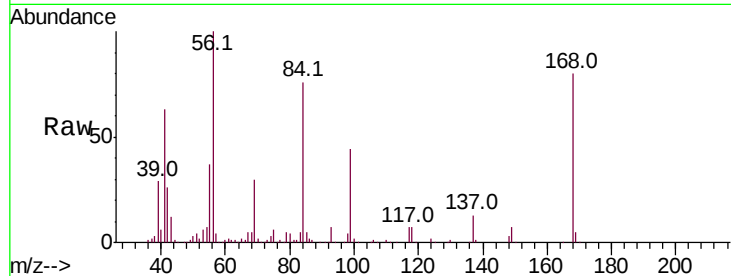
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	252101
Ion Ratio	Lower	Upper	
56	100		
69	30.1	24.6	36.8
84	75.2	60.1	90.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 54.285 ug/l

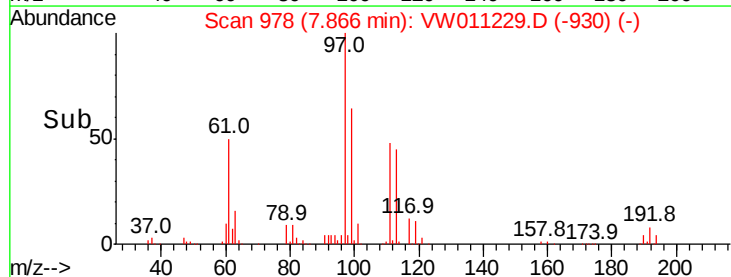
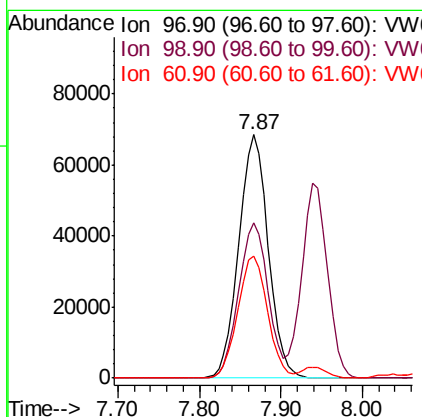
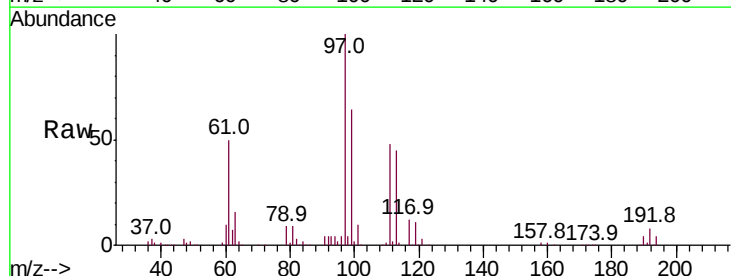
RT: 7.87 min Scan# 978

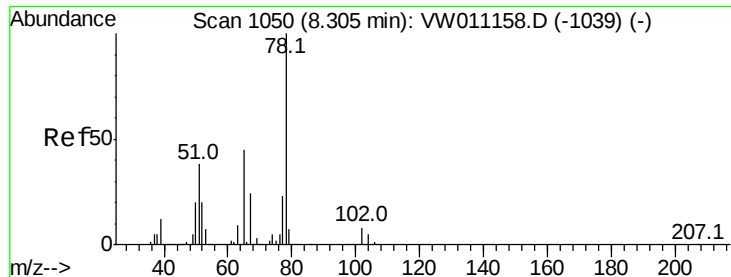
Delta R.T. -0.01 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Tgt Ion:	97	Resp:	171676
Ion Ratio	Lower	Upper	
97	100		
99	63.6	51.0	76.4
61	50.9	40.4	60.6





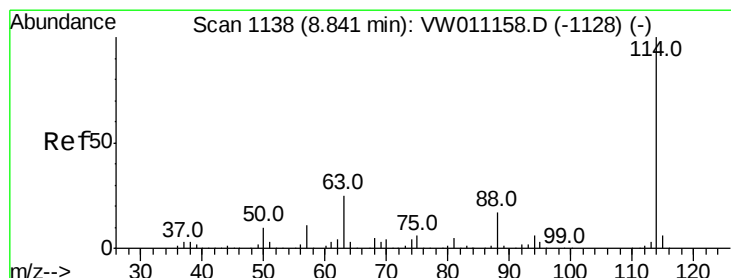
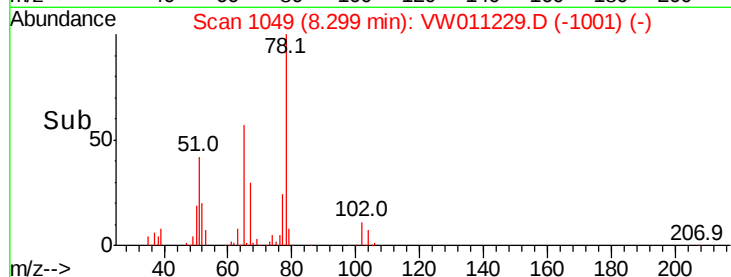
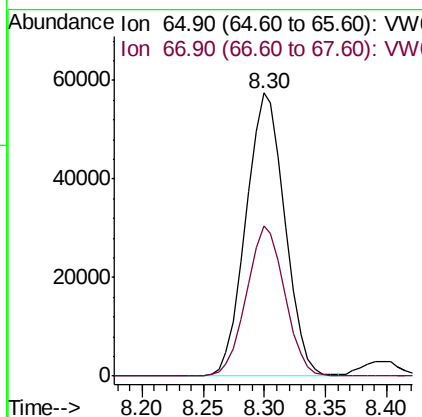
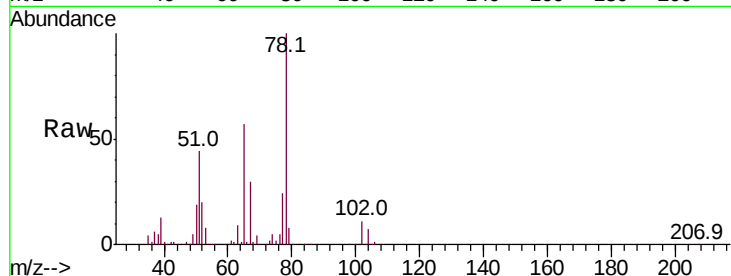
#33
 1,2-Dichloroethane-d4
 Concen: 51.558 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011229.D
 Acq: 11 Jul 2019 15:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.4

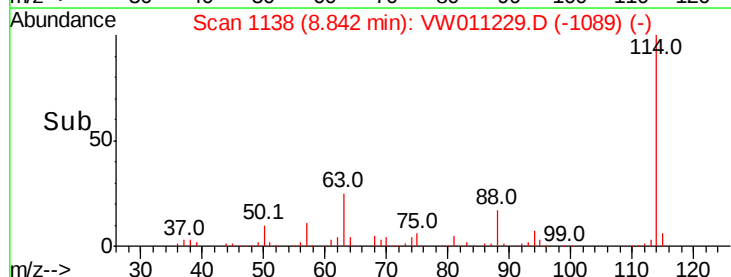
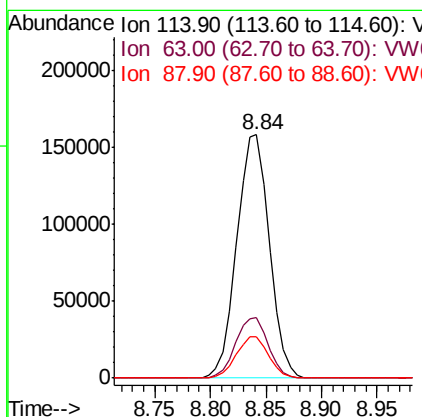
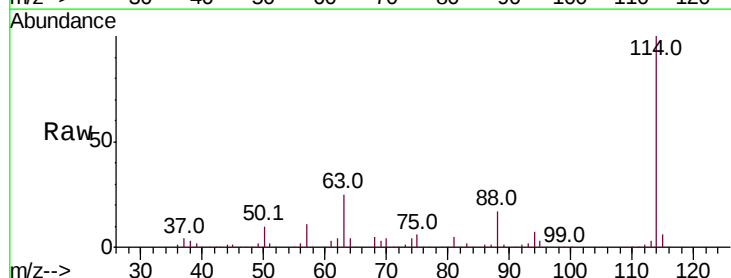
Manual Integrations
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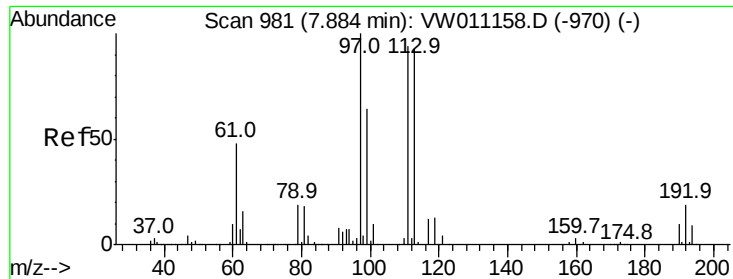
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011229.D
 Acq: 11 Jul 2019 15:29

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.0	0.0	50.8
88	17.1	0.0	34.2





#35

Dibromofluoromethane

Concen: 53.704 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Instrument :

MSVOA_W

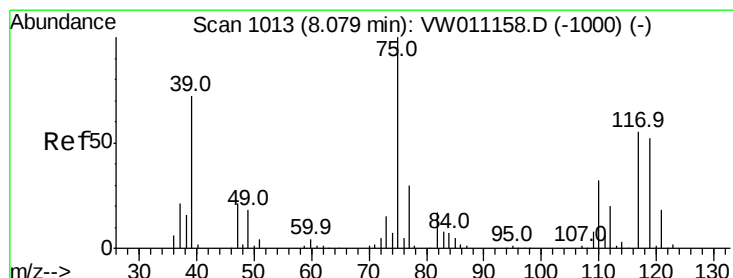
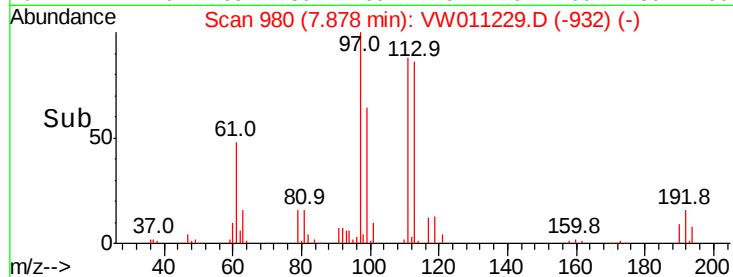
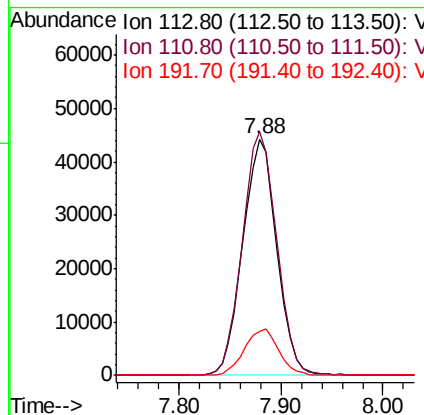
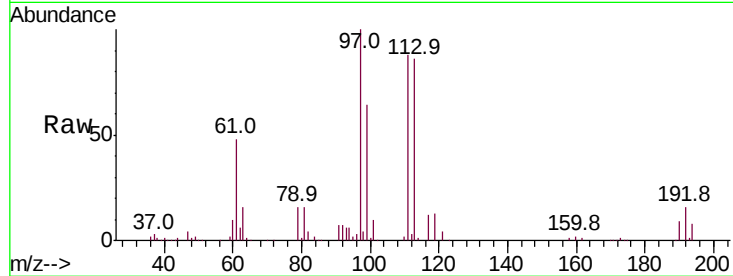
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	102667
Ion Ratio	Lower	Upper	
113	100		
111	104.4	82.4	123.6
192	19.8	15.8	23.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 56.034 ug/l

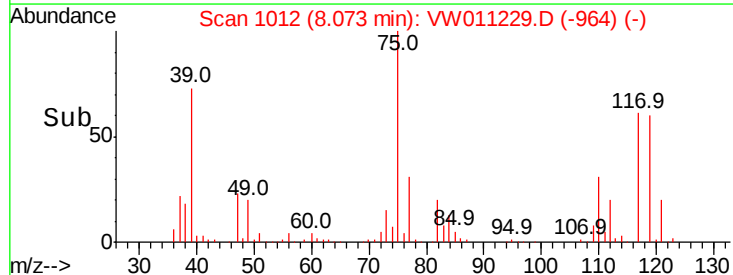
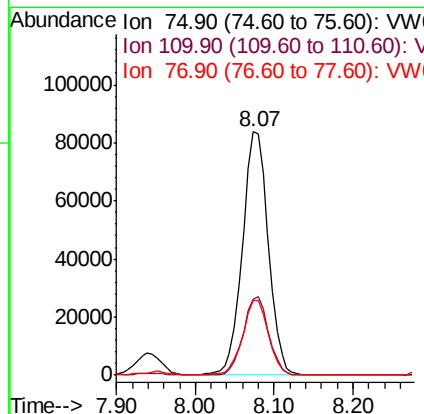
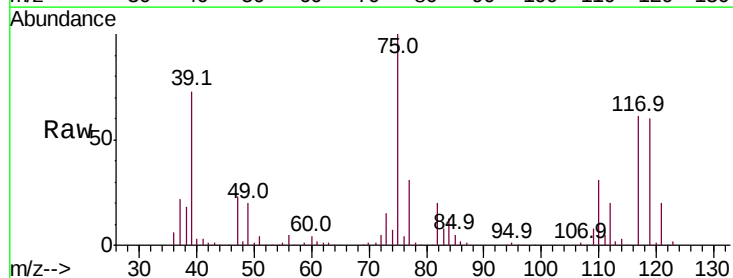
RT: 8.07 min Scan# 1012

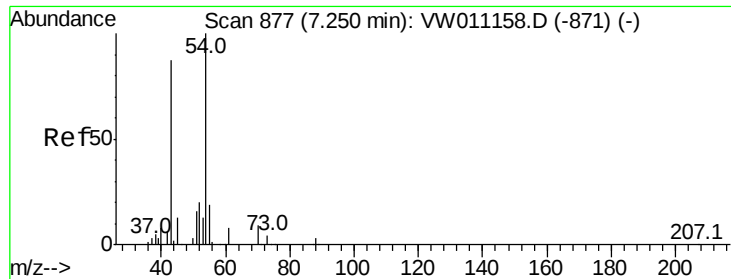
Delta R.T. -0.01 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Tgt Ion:	75	Resp:	191386
Ion Ratio	Lower	Upper	
75	100		
110	31.4	15.9	47.6
77	30.7	24.6	36.8





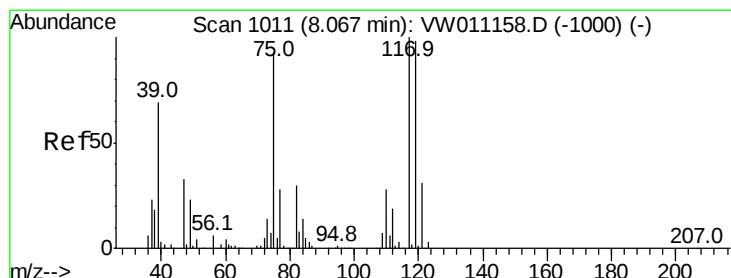
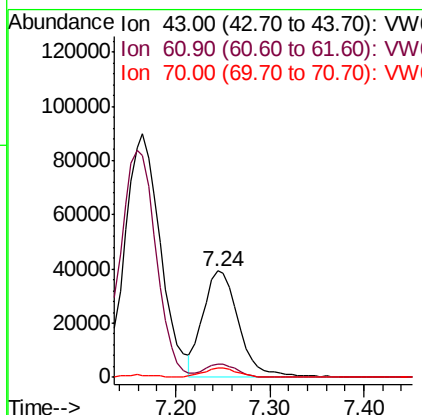
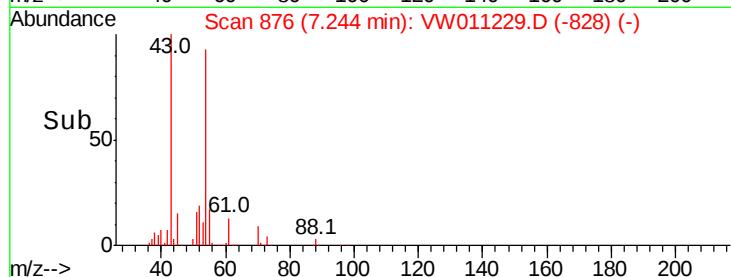
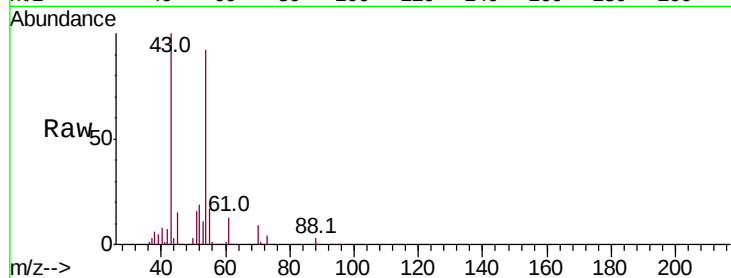
#37
Ethyl Acetate
Concen: 49.644 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.9	9.5	14.3
70	8.5	7.1	10.7

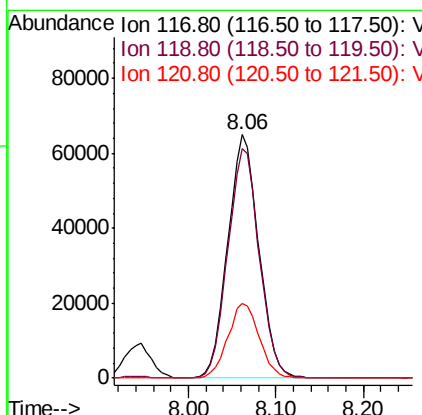
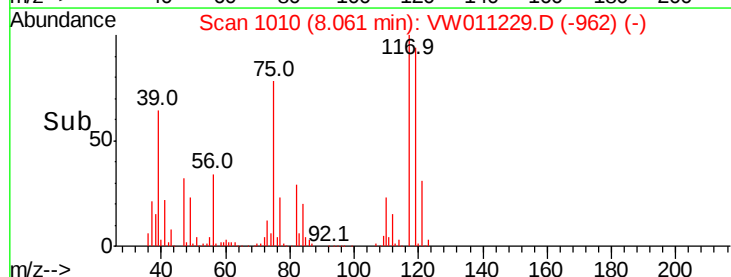
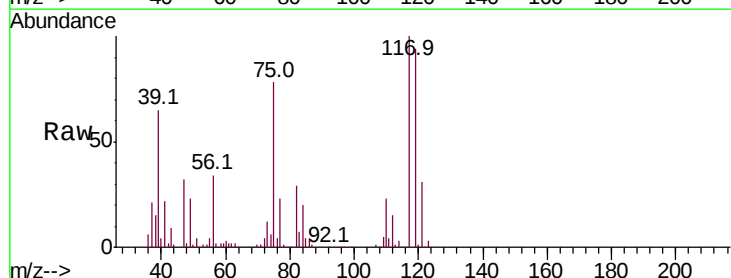
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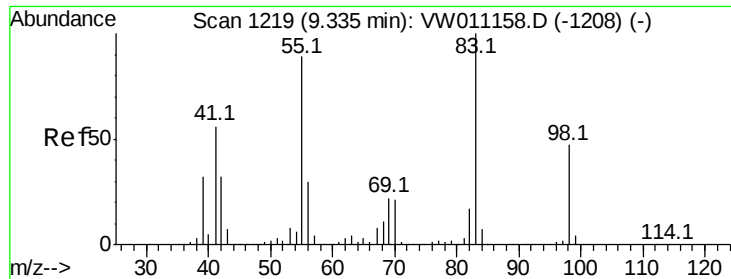
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#38
Carbon Tetrachloride
Concen: 55.272 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	78.1	117.1
121	30.9	25.1	37.7





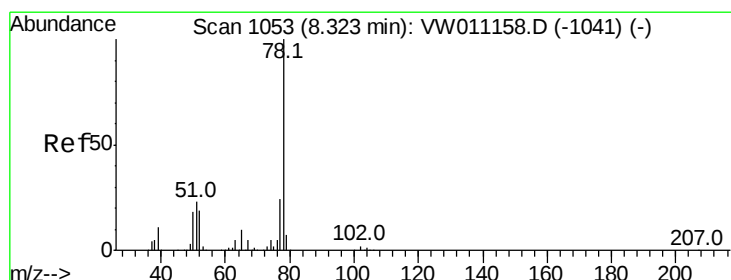
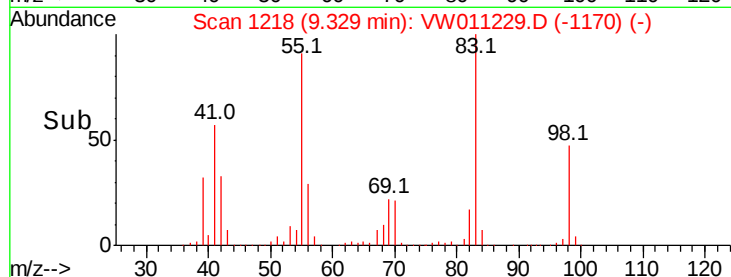
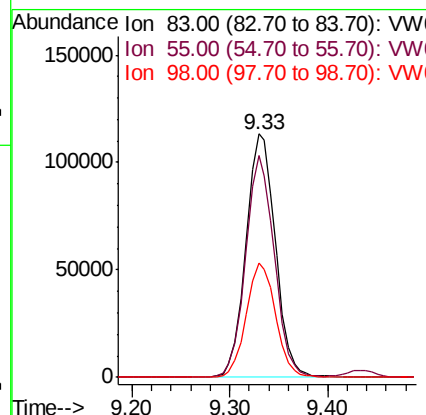
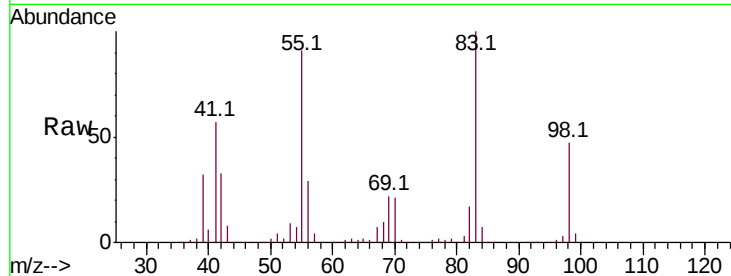
#39
Methvlcvclohexane
Concen: 57.049 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.9	71.2	106.8
98	47.0	37.5	56.3

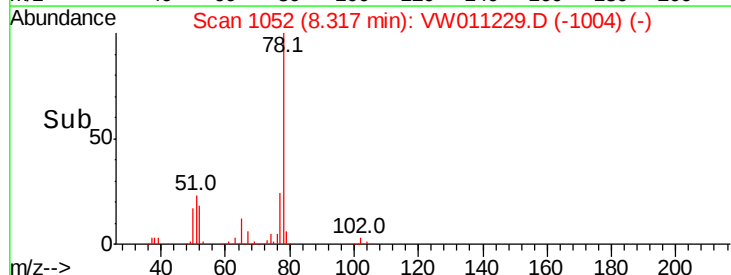
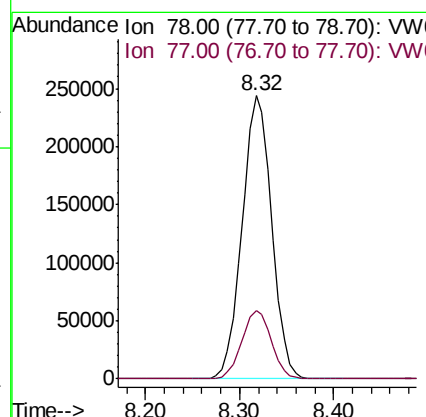
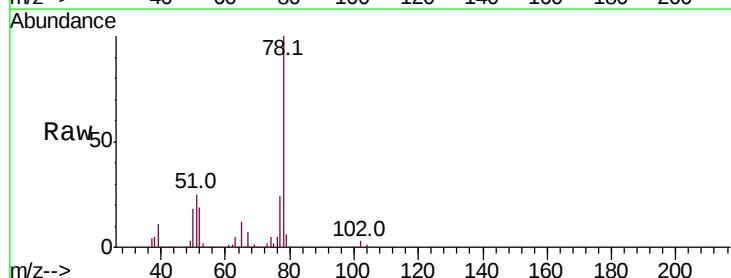
Manual Integrations
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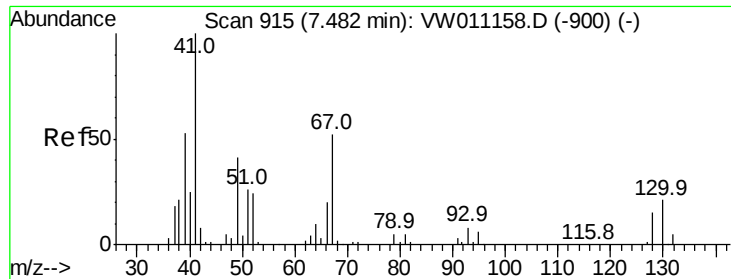
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#40
Benzene
Concen: 56.602 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6





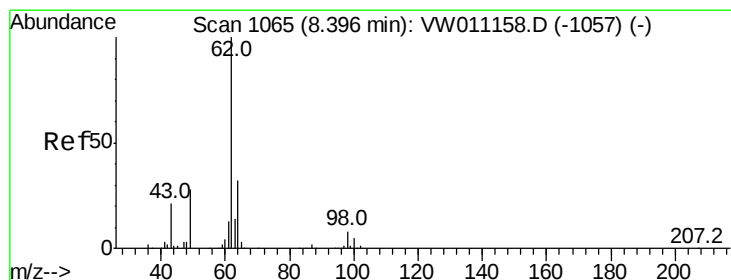
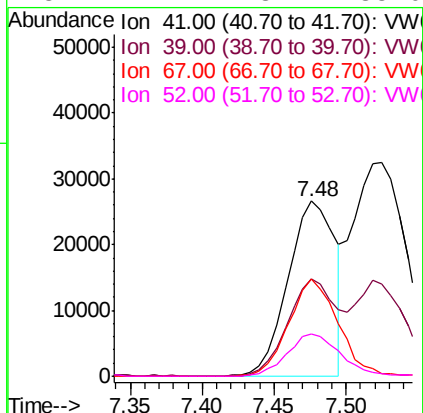
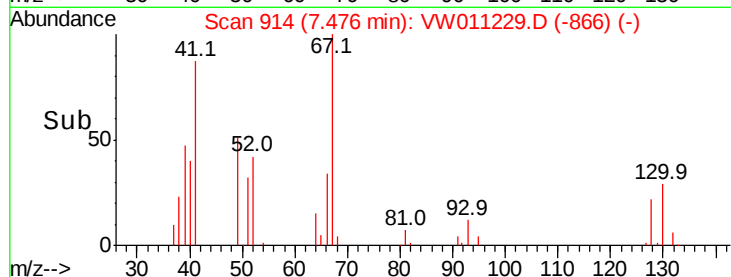
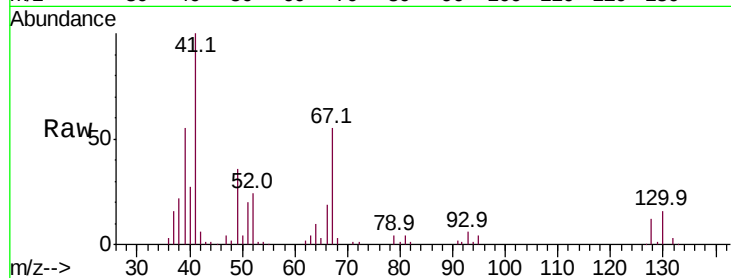
#41
Methacrylonitrile
Concen: 51.226 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.3	48.0	72.0
67	59.4	49.7	74.5
52	27.4	23.4	35.0

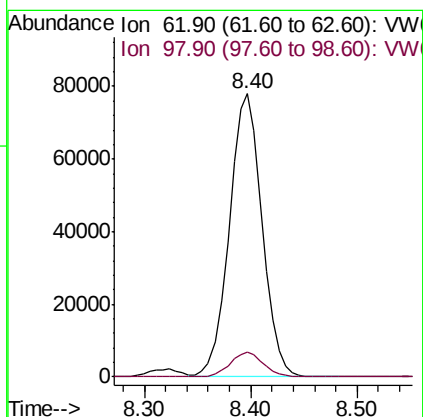
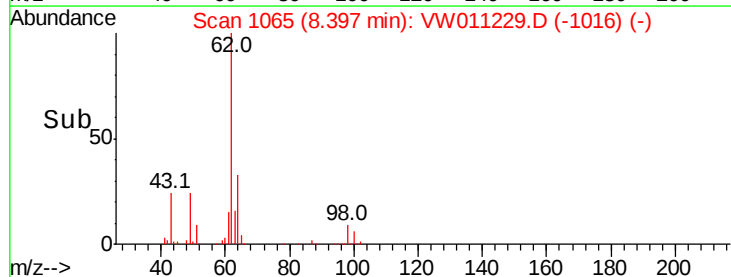
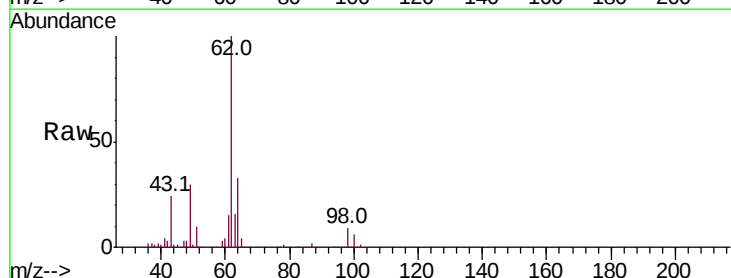
Manual Integrations
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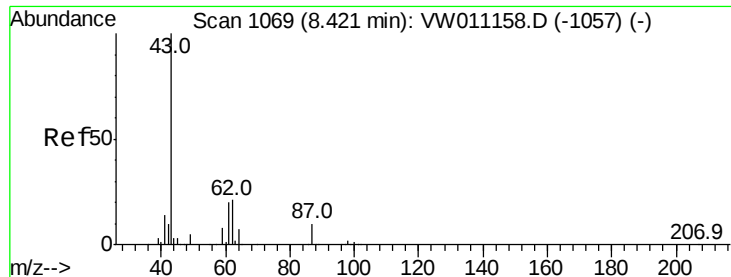
MMDadoda
7/15/2019 2:06:04 PM



#42
1,2-Dichloroethane
Concen: 54.621 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.8





#43

Isopropyl Acetate

Concen: 51.237 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Instrument :

MSVOA_W

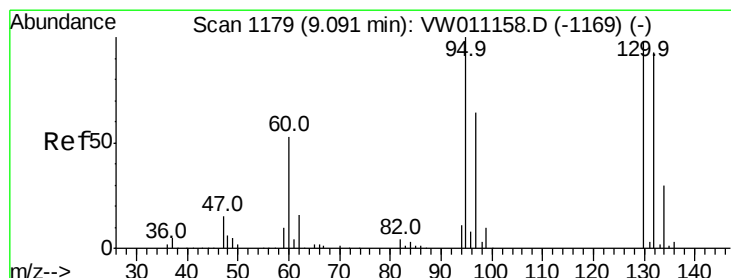
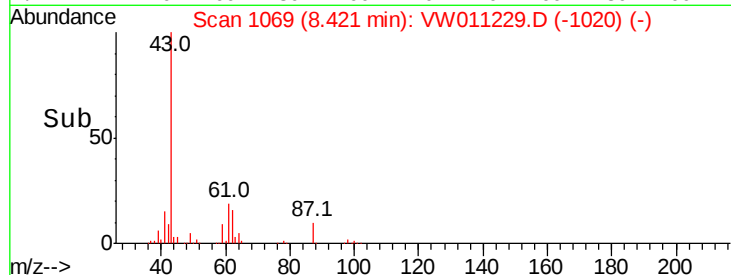
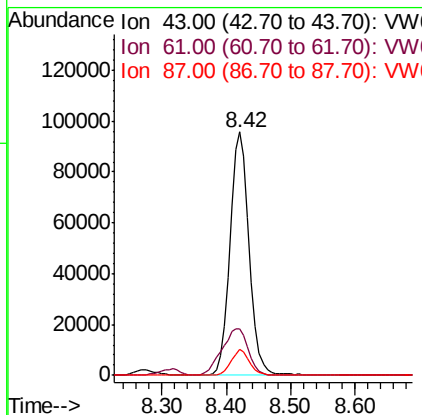
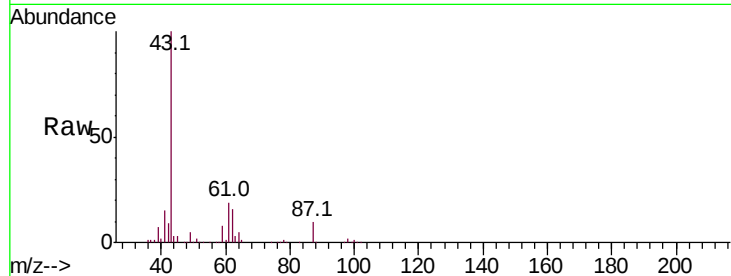
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	198515
Ion	Ratio	Lower	Upper
43	100		
61	26.6	20.7	31.1
87	10.2	8.1	12.1

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#44

Trichloroethene

Concen: 56.177 ug/l

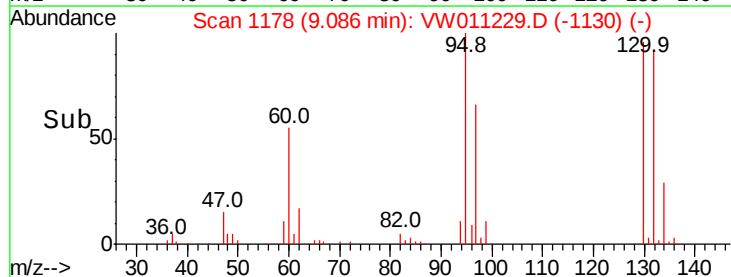
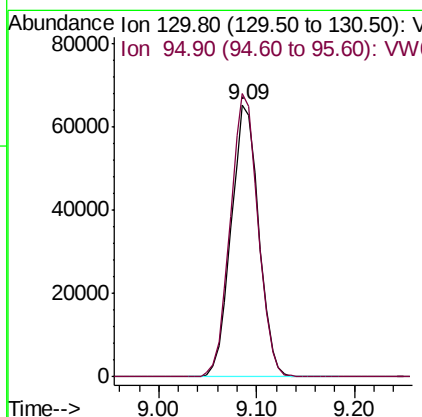
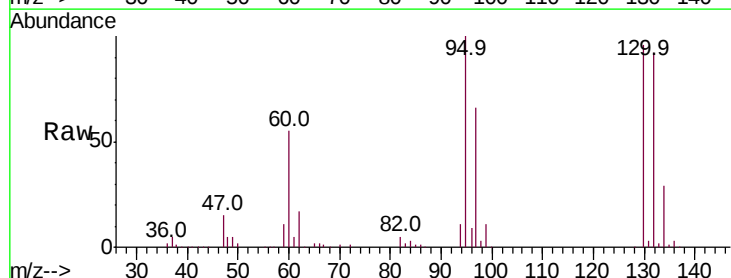
RT: 9.09 min Scan# 1178

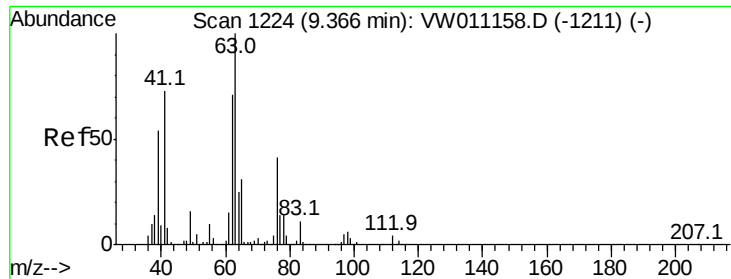
Delta R.T. -0.01 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Tgt Ion:	130	Resp:	127604
Ion	Ratio	Lower	Upper
130	100		
95	103.9	0.0	203.6





#45

1,2-Dichloropropane

Concen: 56.577 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 144617

Ion Ratio Lower Upper

63 100

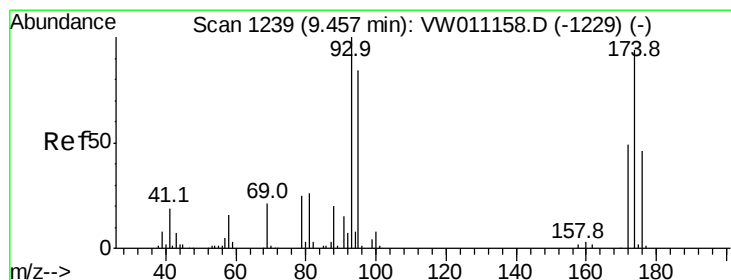
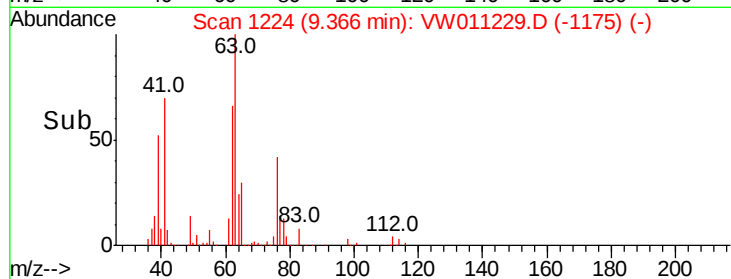
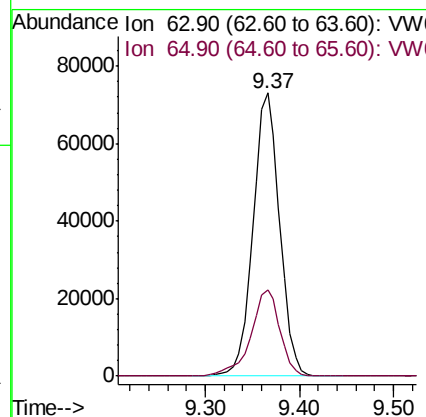
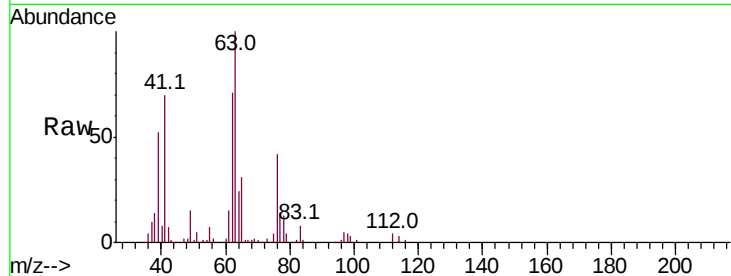
65 30.5 24.4 36.6

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#46

Dibromomethane

Concen: 53.950 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

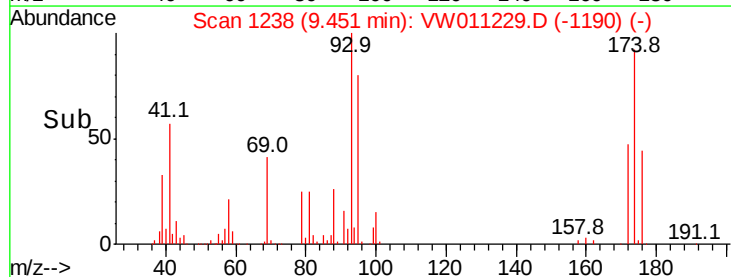
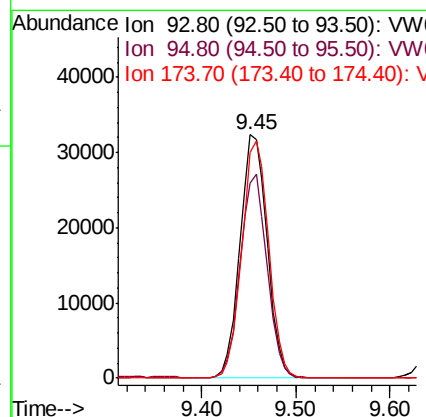
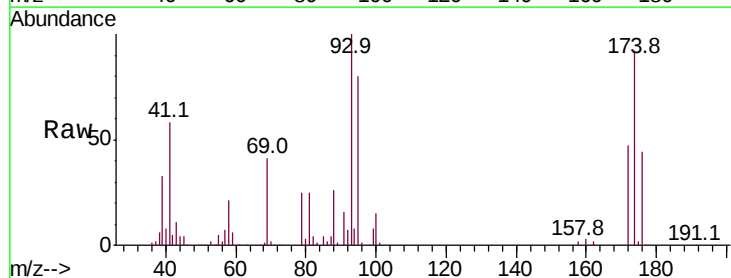
Tgt Ion: 93 Resp: 64780

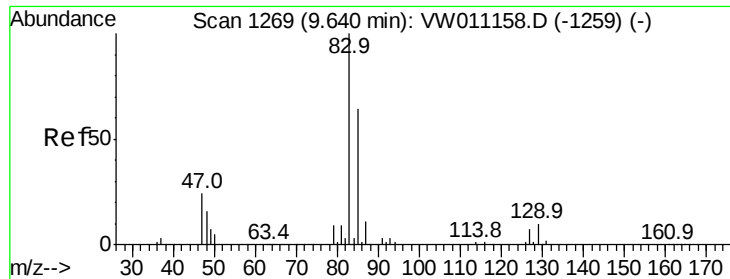
Ion Ratio Lower Upper

93 100

95 82.9 67.2 100.8

174 96.3 76.3 114.5





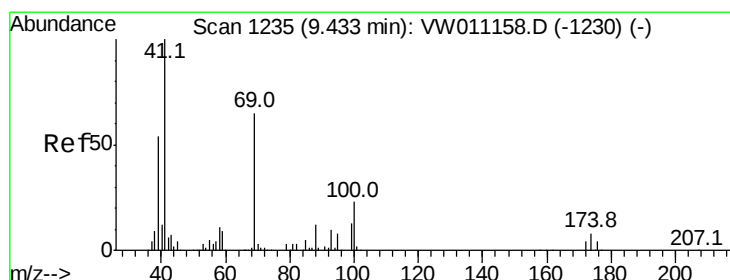
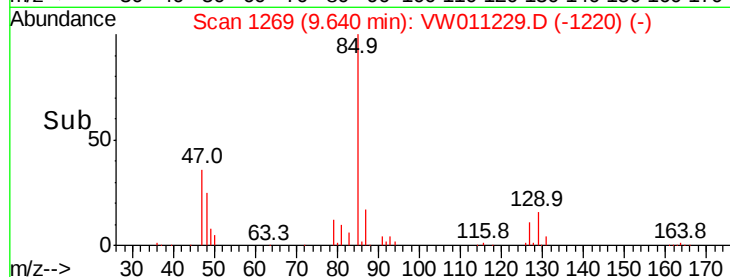
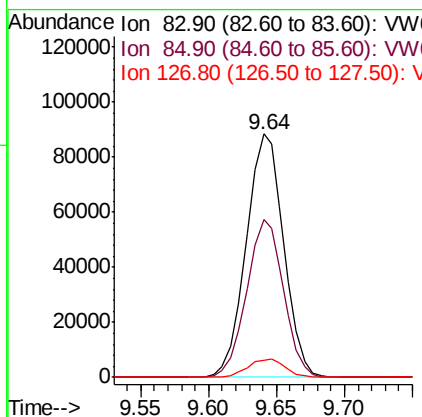
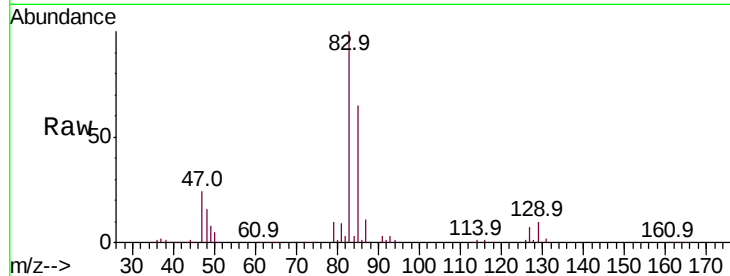
#47
Bromodichloromethane
Concen: 55.430 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	65.0	51.0	76.4	
127	6.9	6.0	9.0	

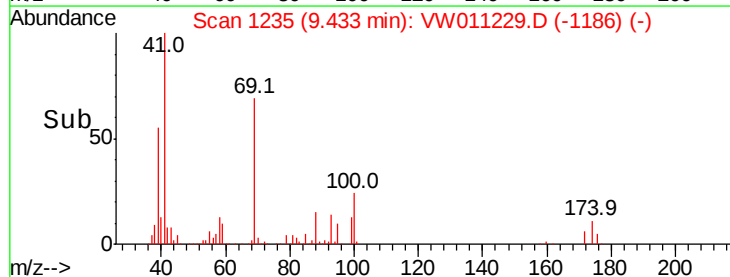
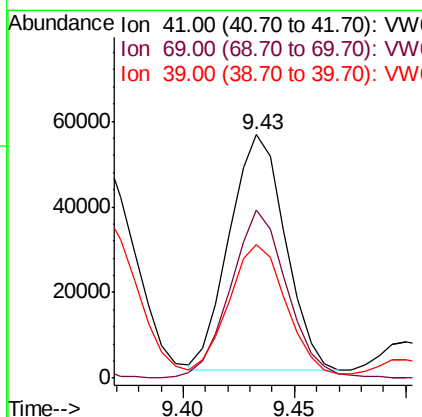
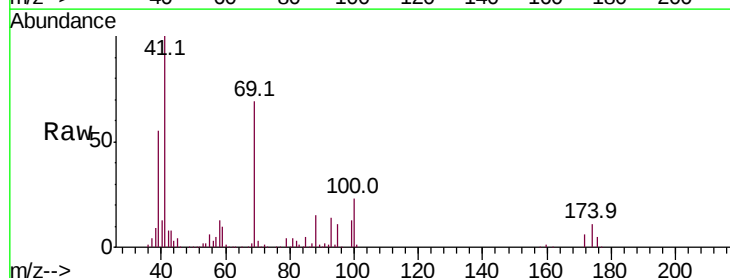
Manual Integrations
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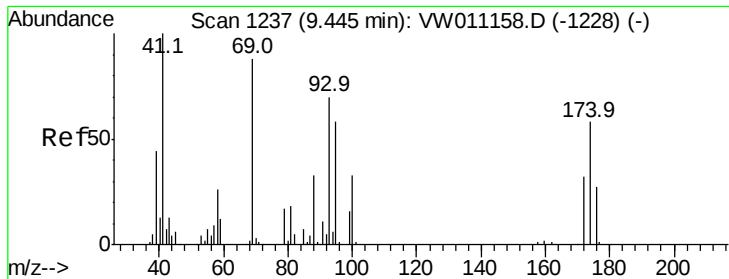
MMDadoda
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#48
Methyl methacrylate
Concen: 51.596 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	71.7	56.0	84.0	
39	55.1	43.5	65.3	





#49

1,4-Dioxane

Concen: 1131.006 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Instrument :

MSVOA_W

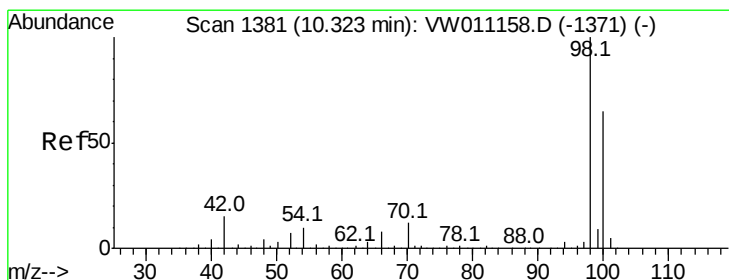
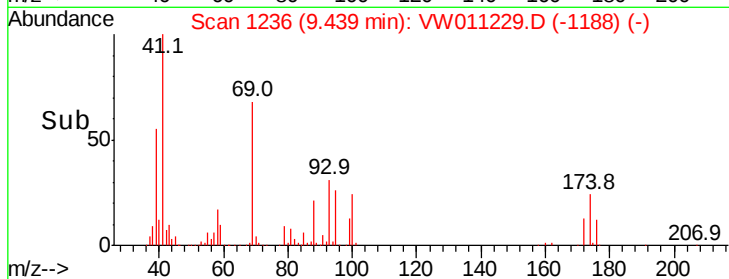
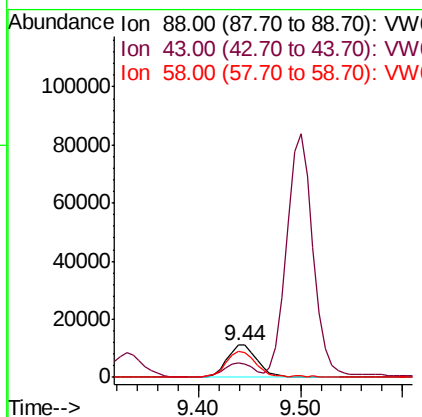
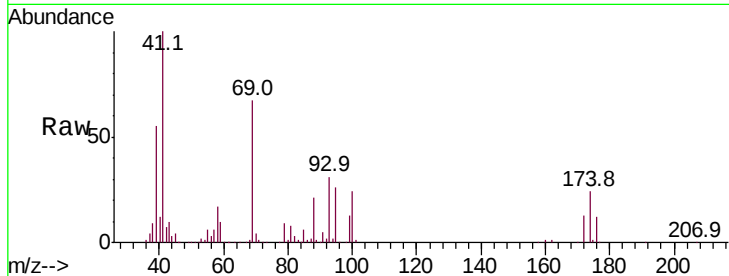
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	22668
Ion	Ratio	Lower	Upper
88	100		
43	42.3	33.4	50.0
58	80.9	64.5	96.7

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#50

Toluene-d8

Concen: 54.623 ug/l

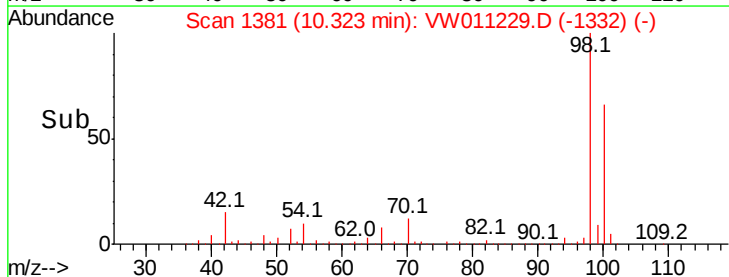
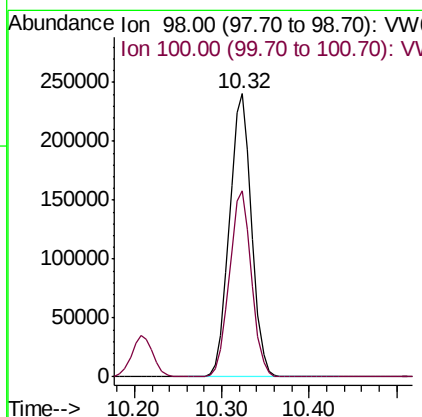
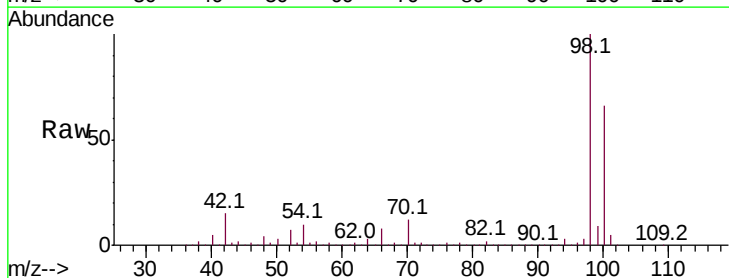
RT: 10.32 min Scan# 1381

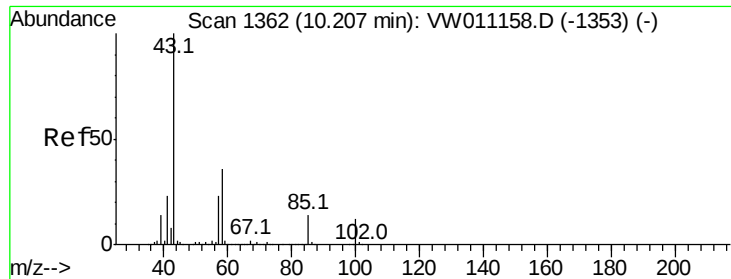
Delta R.T. 0.00 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Tgt Ion:	98	Resp:	422100
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 254.189 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 514453

Ion Ratio Lower Upper

43 100

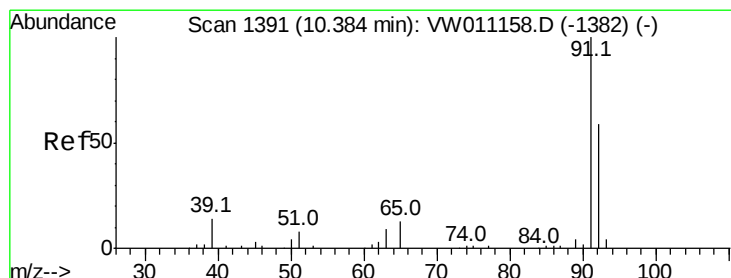
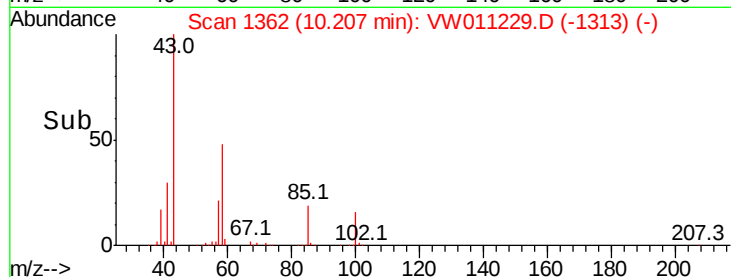
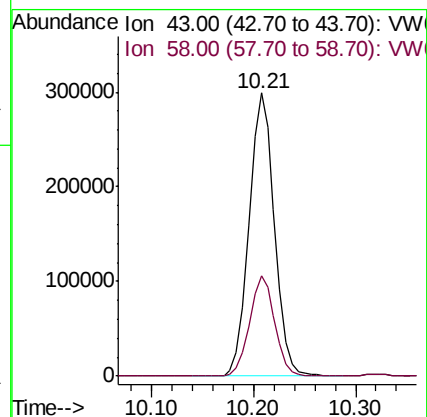
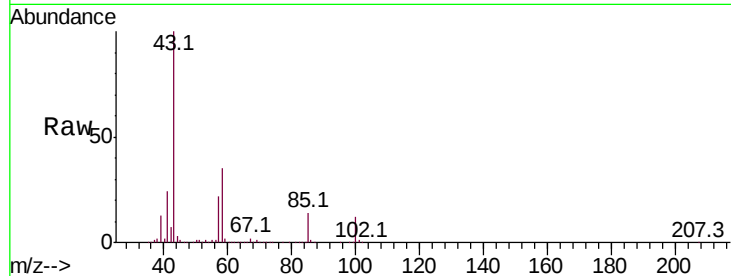
58 35.0 28.2 42.2

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#52

Toluene

Concen: 57.426 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011229.D

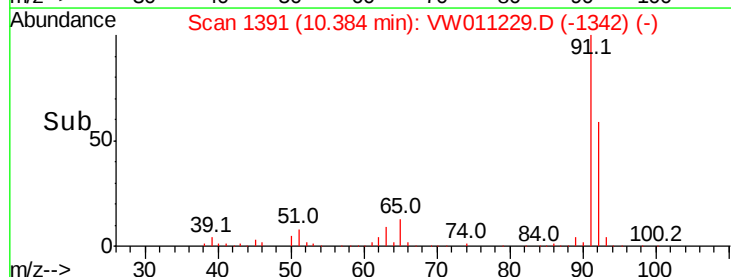
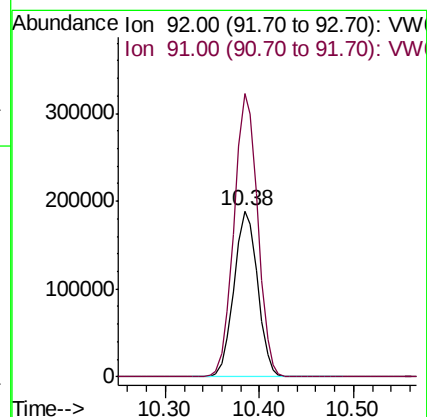
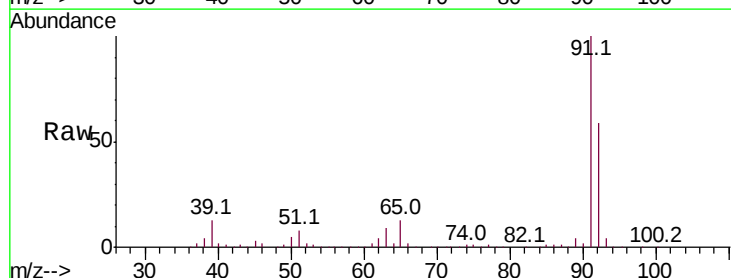
Acq: 11 Jul 2019 15:29

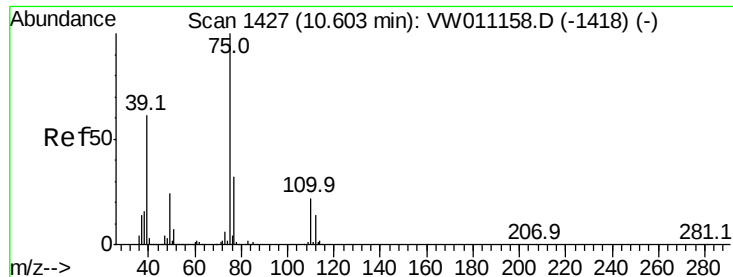
Tgt Ion: 92 Resp: 328816

Ion Ratio Lower Upper

92 100

91 171.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 53.786 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Instrument :
MSVOA_W

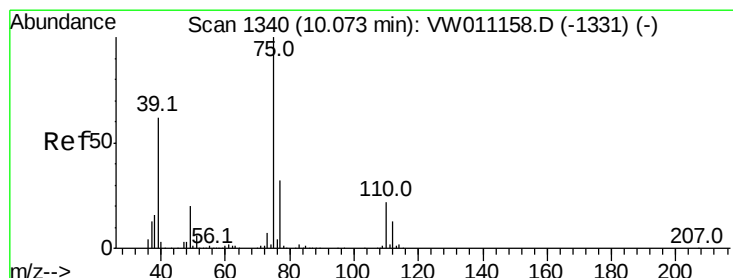
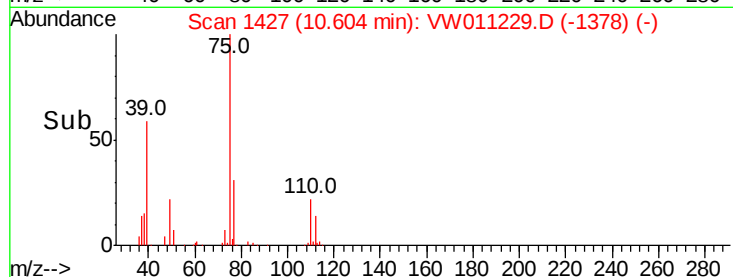
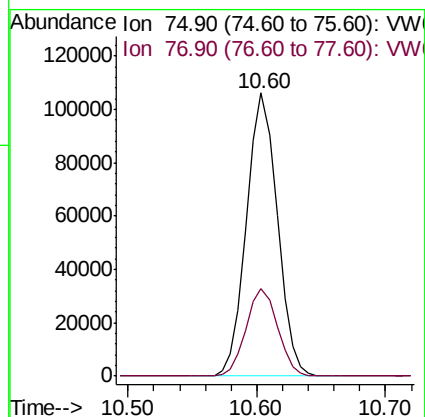
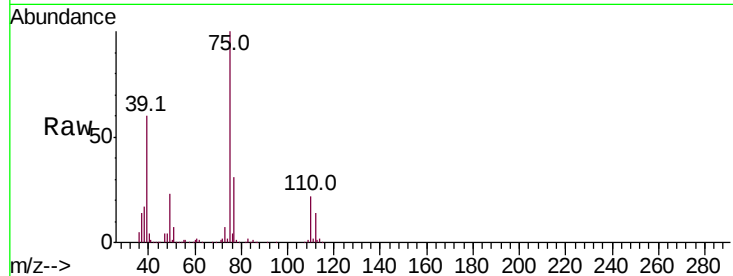
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 175894

Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.4	38.0

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 55.080 ug/l

RT: 10.07 min Scan# 1340

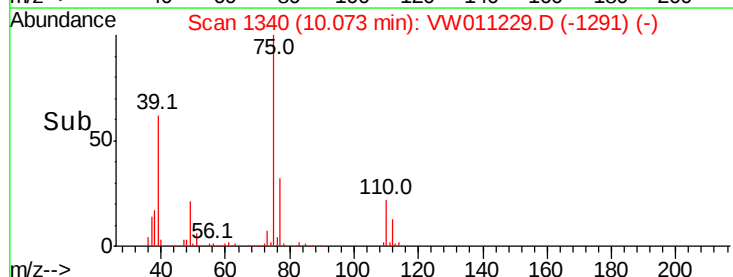
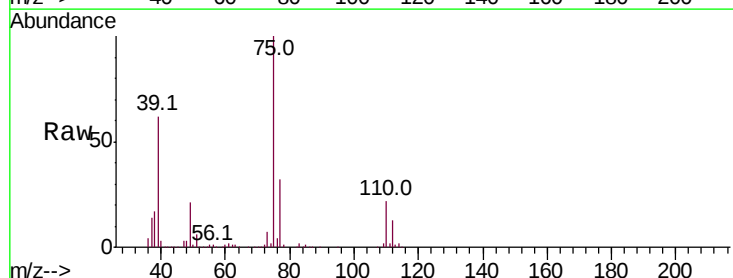
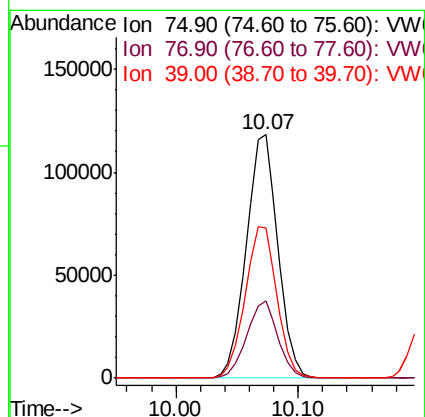
Delta R.T. 0.00 min

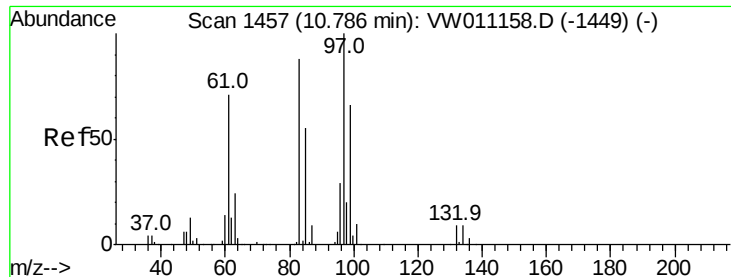
Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Tgt Ion: 75 Resp: 212017

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.7	38.5
39	61.5	49.8	74.8





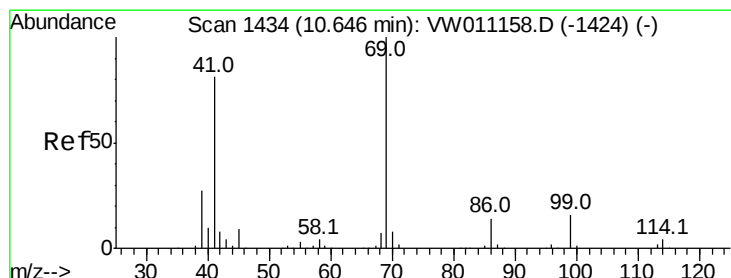
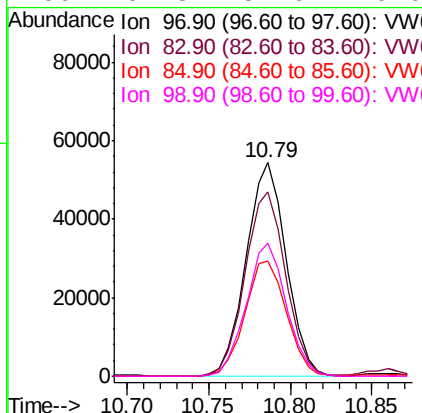
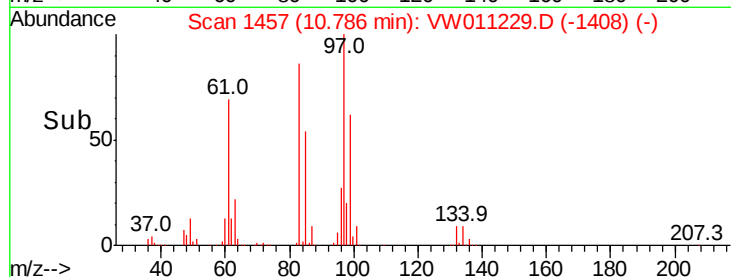
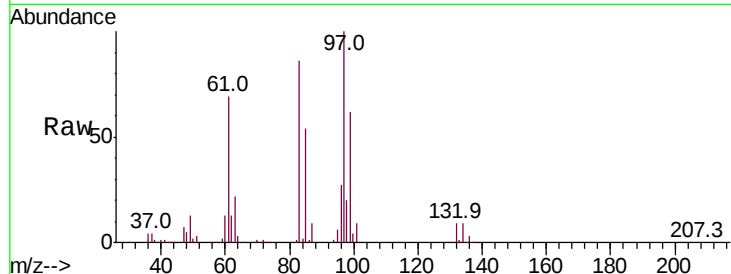
#55
 1,1,2-Trichloroethane
 Concen: 54.559 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011229.D
 Acq: 11 Jul 2019 15:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	86.0	70.2	105.4	
85	53.8	44.2	66.2	
99	62.3	52.6	79.0	

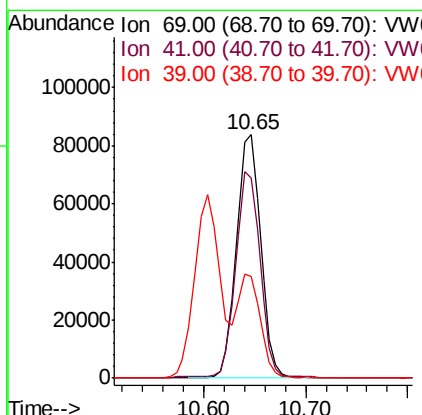
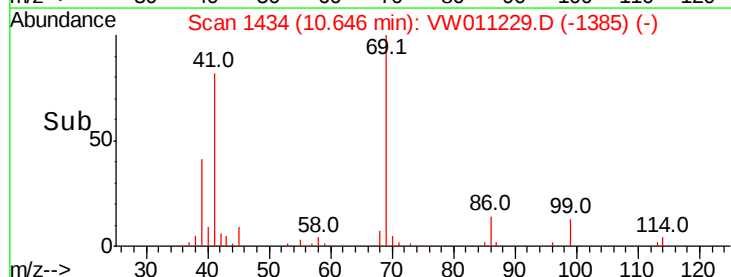
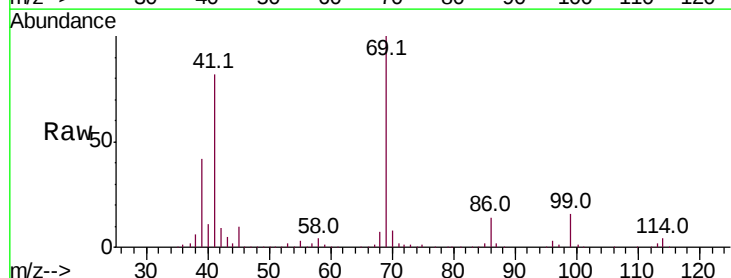
Manual Integrations
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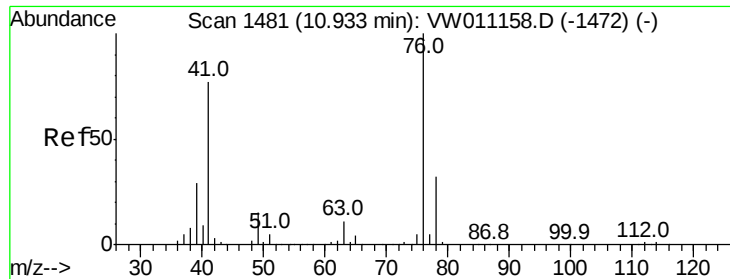
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 53.236 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011229.D
 Acq: 11 Jul 2019 15:29

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	84.0	66.5	99.7	
39	38.2	32.5	48.7	





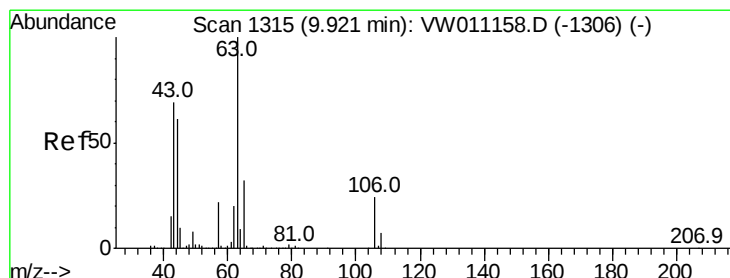
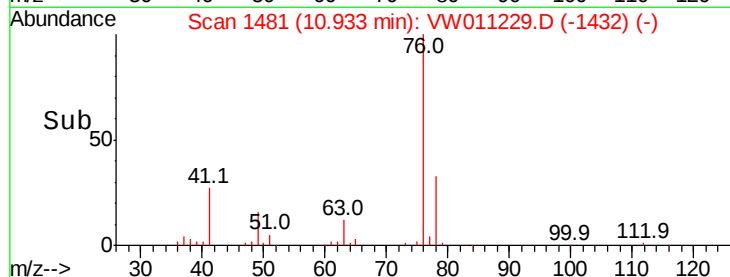
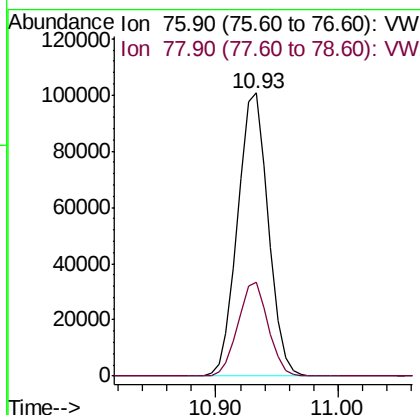
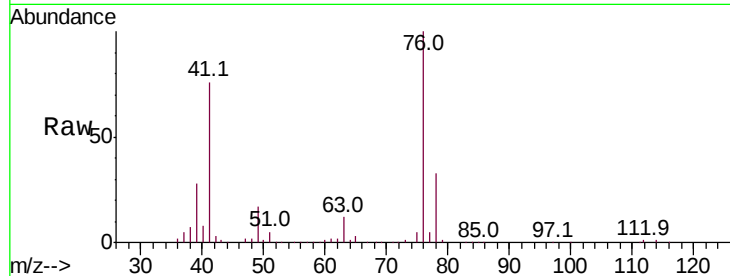
#57
 1,3-Dichloropropane
 Concen: 54.383 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011229.D
 Acq: 11 Jul 2019 15:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 175178
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2

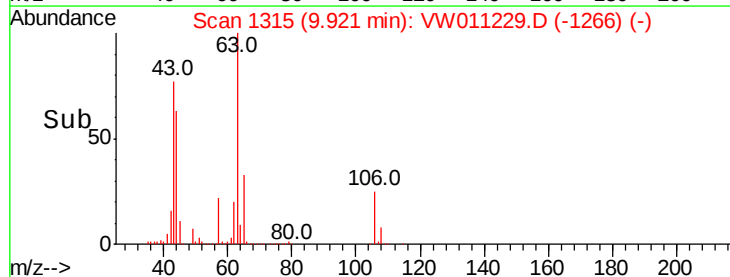
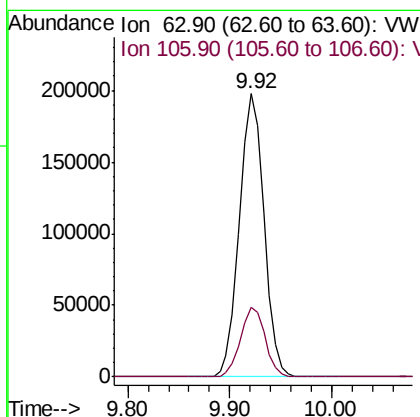
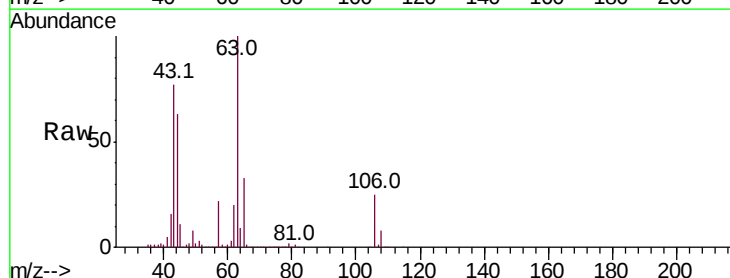
Manual Integrations
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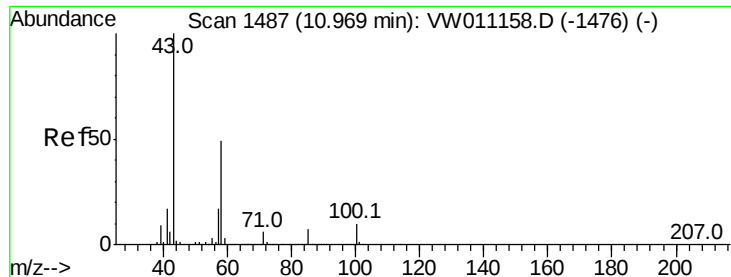
MMDadoda
 7/15/2019 2:06:04 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.796 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011229.D
 Acq: 11 Jul 2019 15:29

Tgt Ion: 63 Resp: 330391
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.4 29.0





#59

2-Hexanone

Concen: 252.728 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 354723

Ion Ratio Lower Upper

43 100

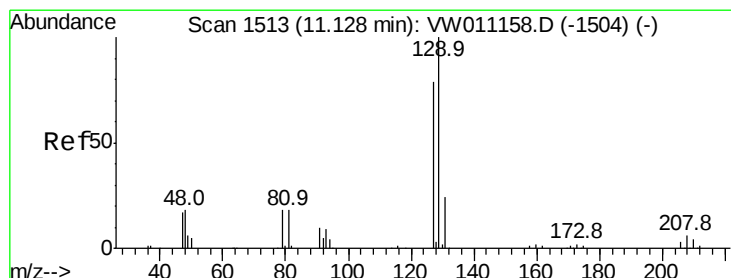
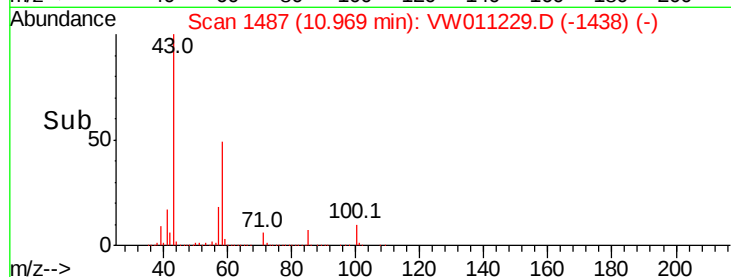
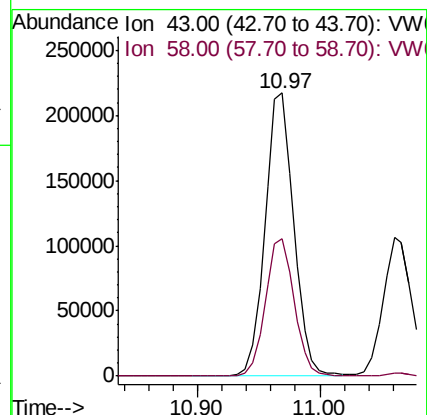
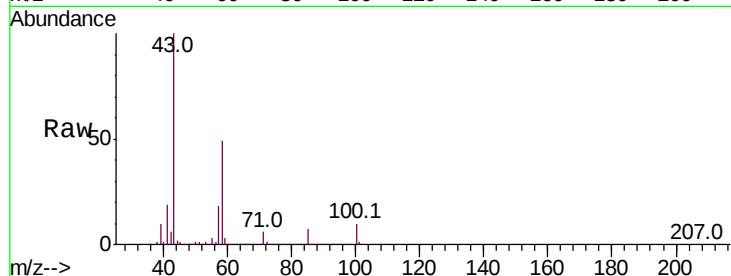
58 48.8 24.4 73.4

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#60

Dibromochloromethane

Concen: 54.869 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW011229.D

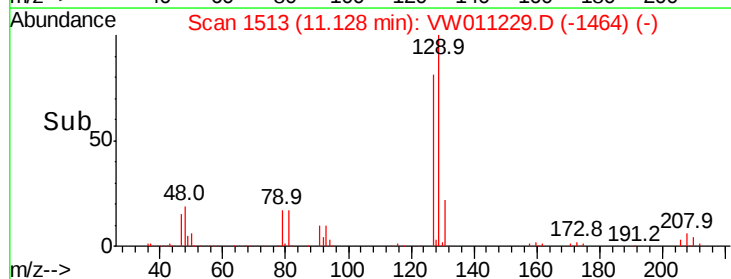
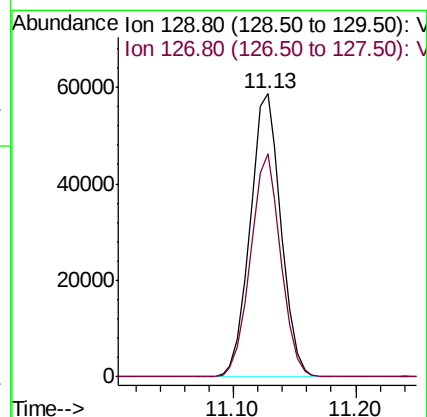
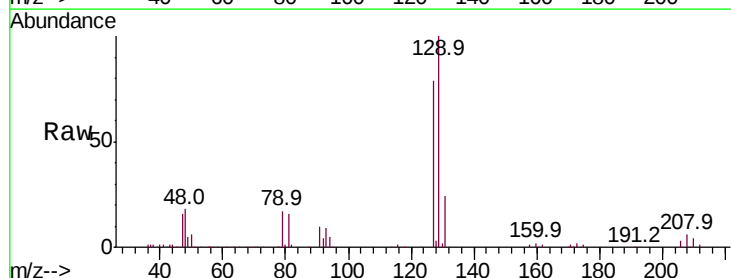
Acq: 11 Jul 2019 15:29

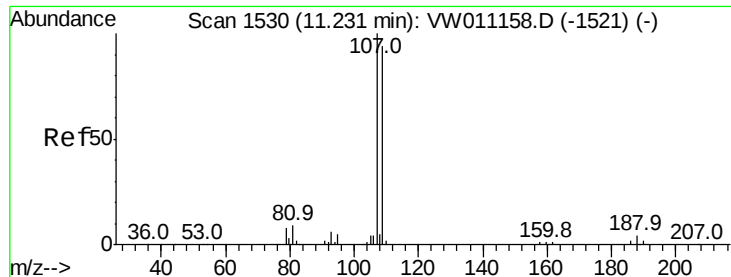
Tgt Ion: 129 Resp: 102491

Ion Ratio Lower Upper

129 100

127 77.4 39.1 117.3





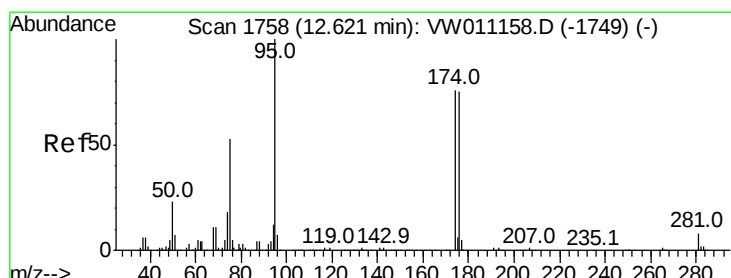
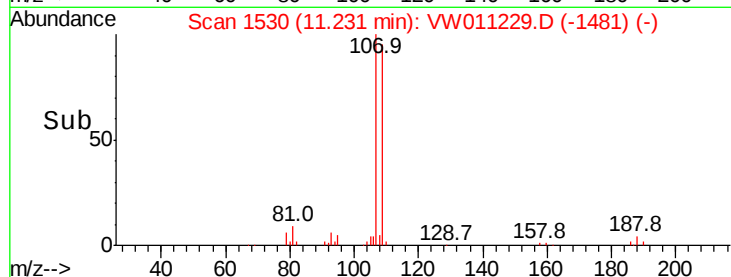
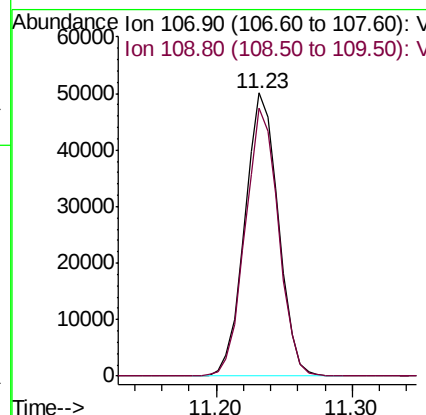
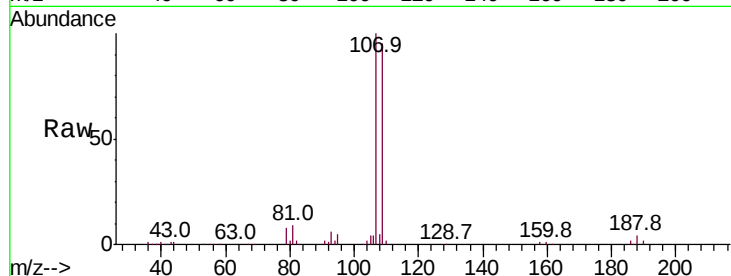
#61
 1,2-Dibromoethane
 Concen: 53.466 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW011229.D
 Acq: 11 Jul 2019 15:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.2	112.8

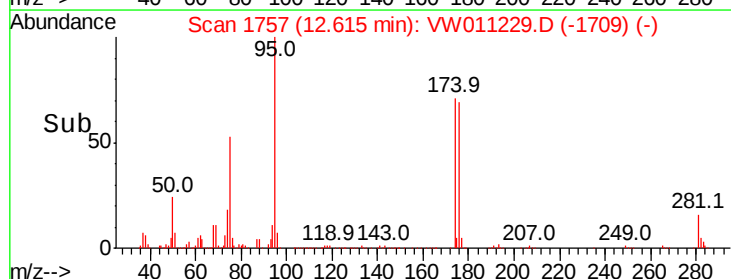
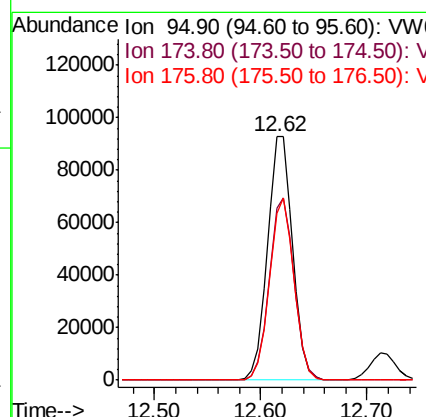
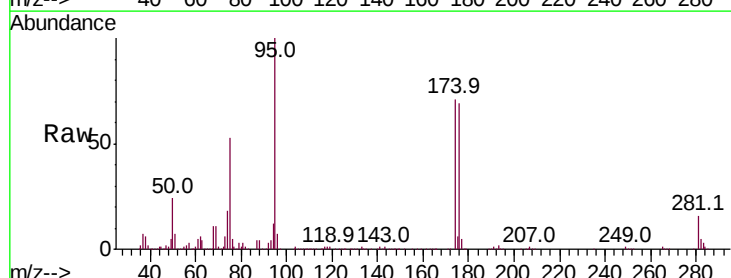
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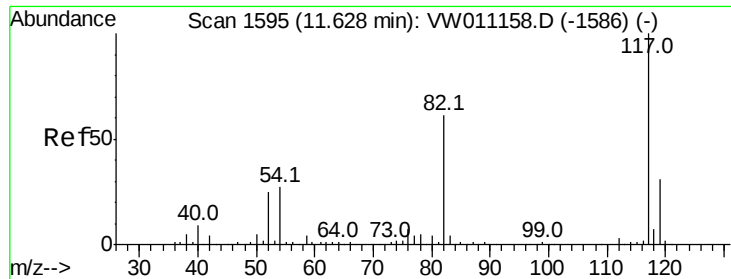
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#62
 4-Bromofluorobenzene
 Concen: 54.240 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW011229.D
 Acq: 11 Jul 2019 15:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	147.6
176	72.6	0.0	144.6





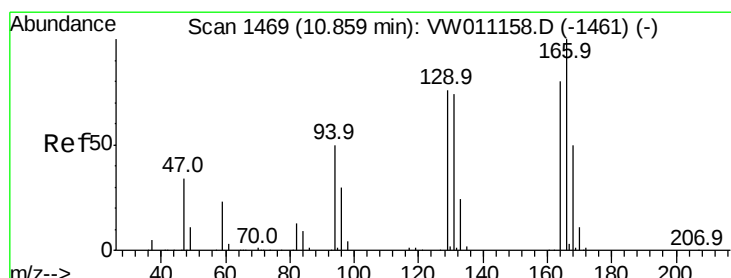
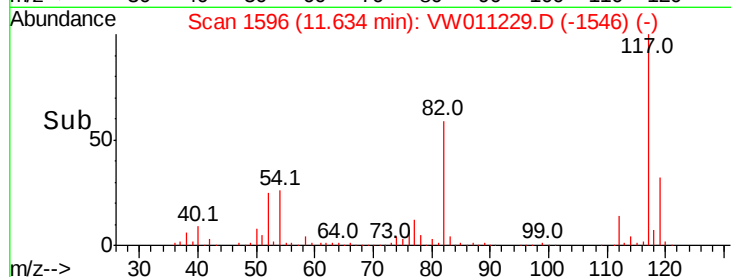
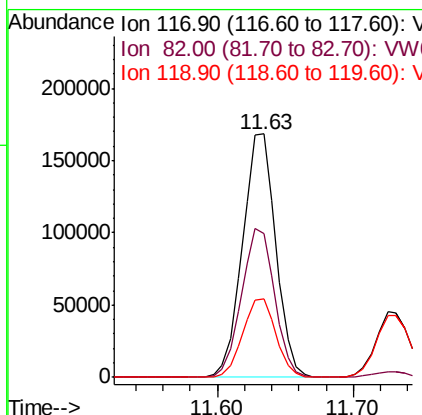
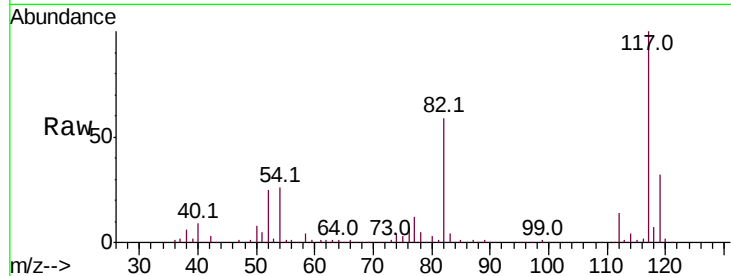
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	288293		
82	59.0	48.9	73.3	
119	32.0	25.0	37.6	

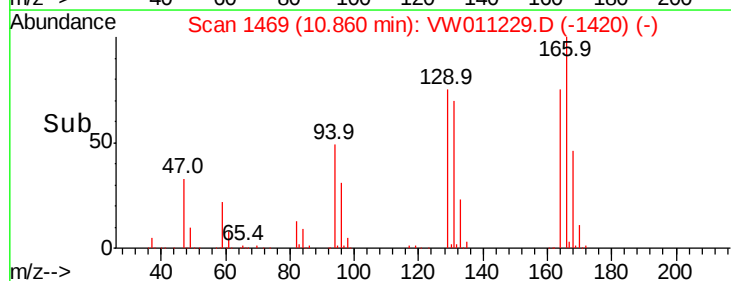
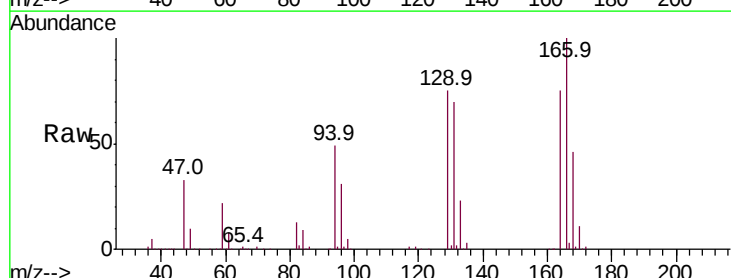
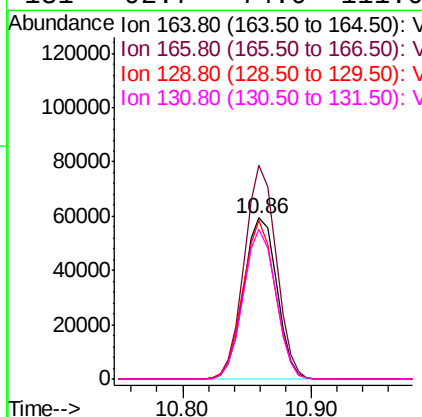
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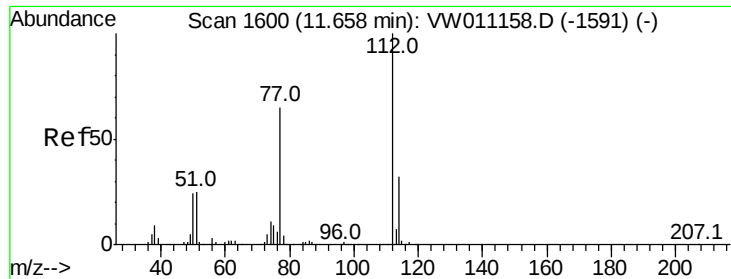
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#64
Tetrachloroethene
Concen: 54.250 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105534		
166	132.6	99.7	149.5	
129	98.8	76.2	114.2	
131	92.7	74.0	111.0	





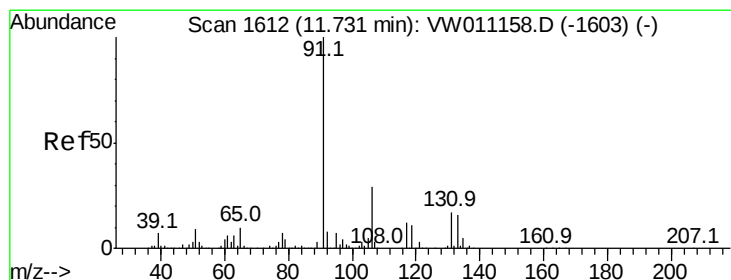
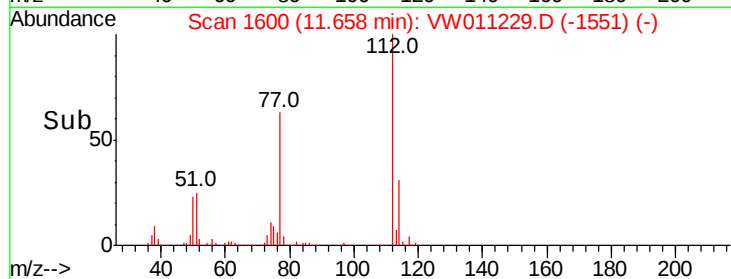
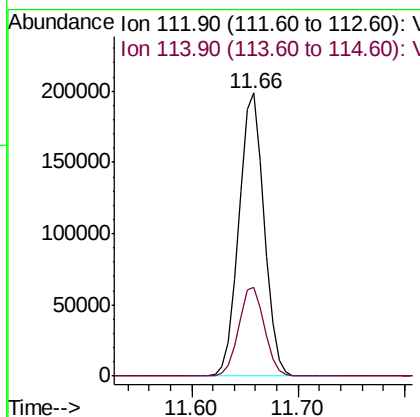
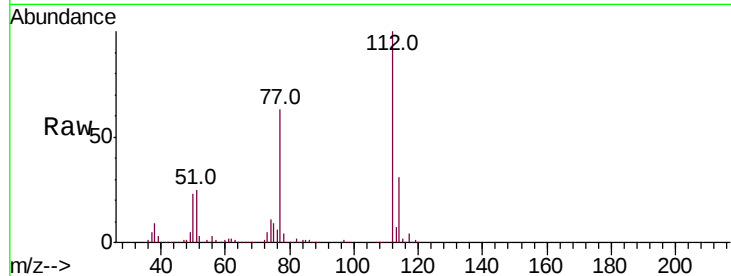
#65
Chlorobenzene
Concen: 56.425 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 330726
Ion Ratio Lower Upper
112 100
114 31.2 25.5 38.3

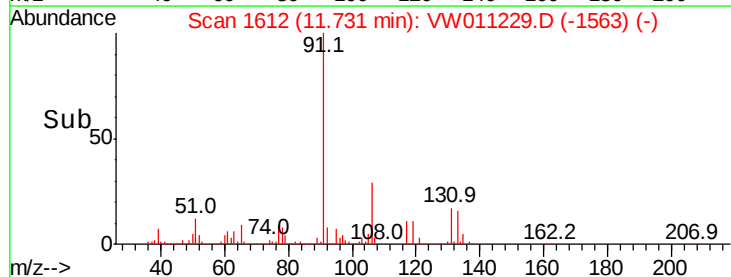
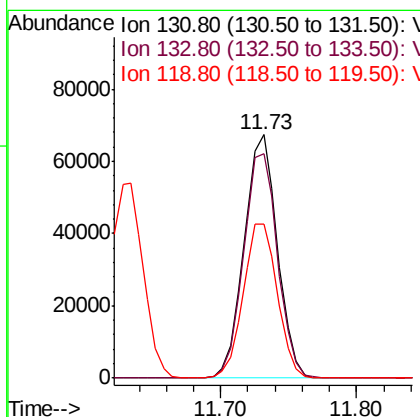
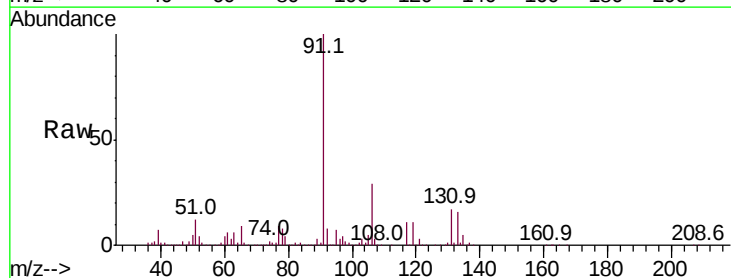
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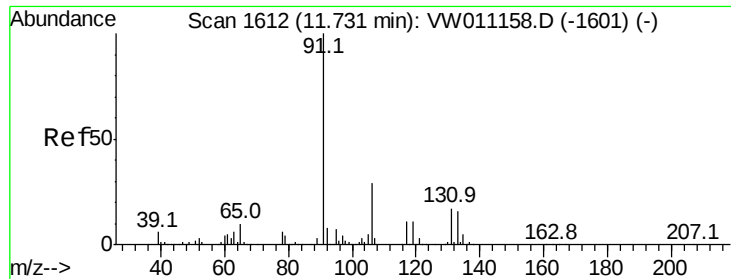
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.694 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Tgt Ion:131 Resp: 114940
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.8
119 65.3 33.1 99.2





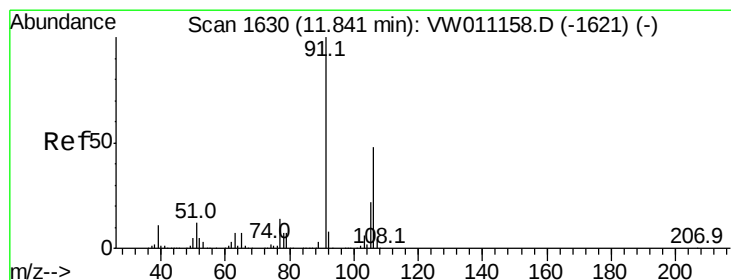
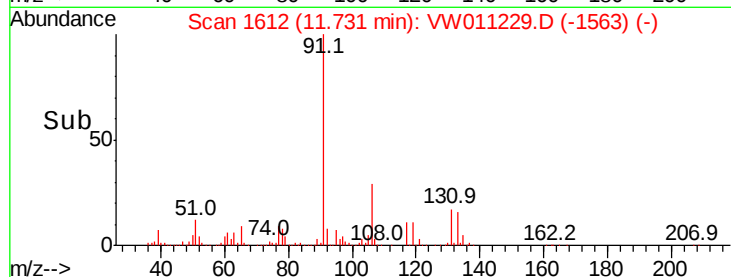
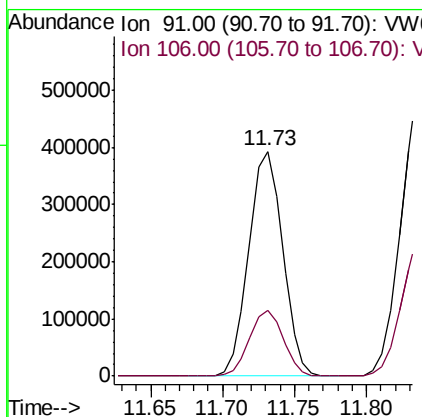
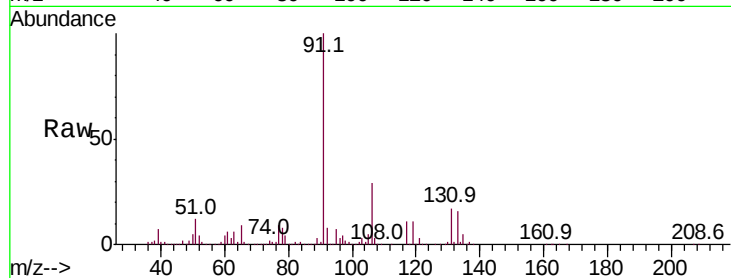
#67
Ethyl Benzene
Concen: 57.213 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 641967
Ion Ratio Lower Upper
91 100
106 29.5 23.5 35.3

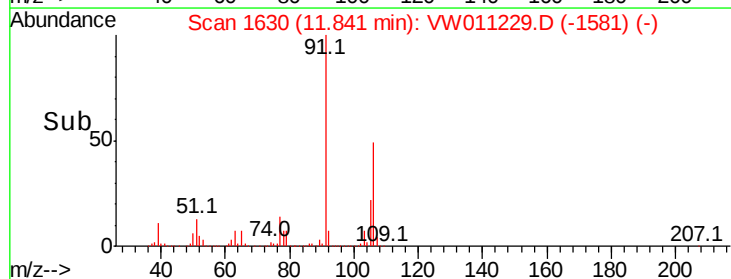
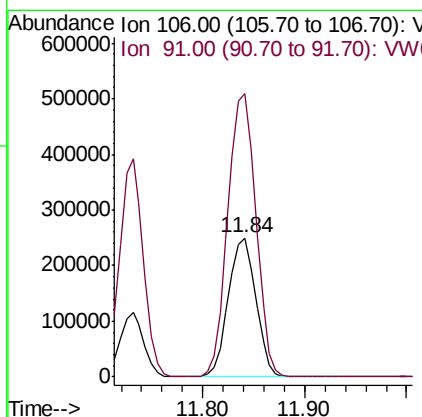
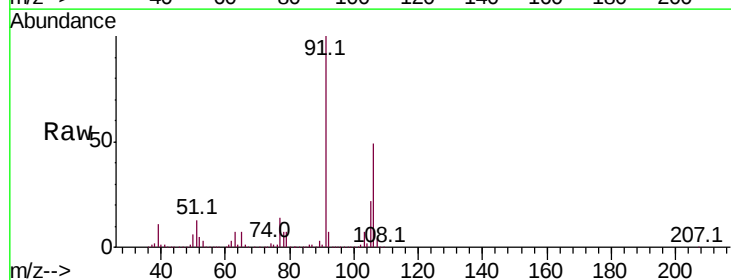
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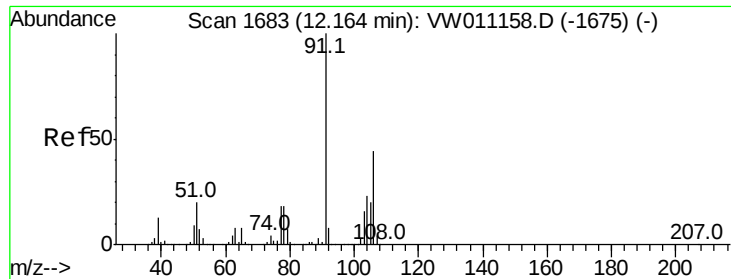
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#68
m/p-Xylenes
Concen: 114.678 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Tgt Ion: 106 Resp: 465607
Ion Ratio Lower Upper
106 100
91 208.5 167.7 251.5





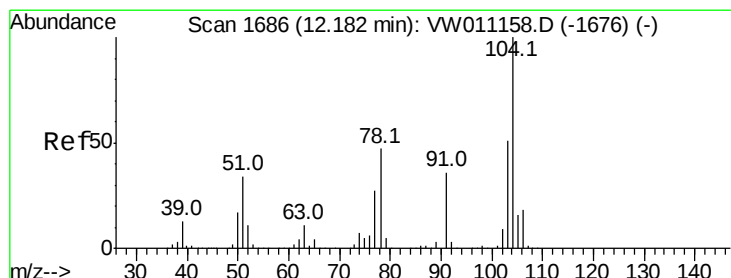
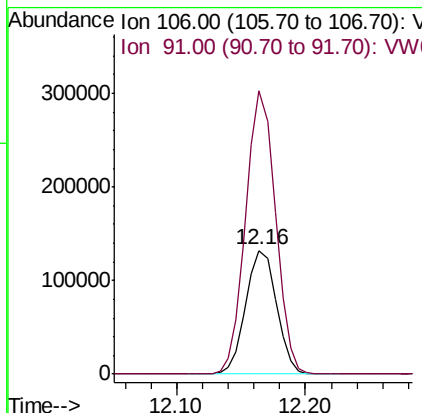
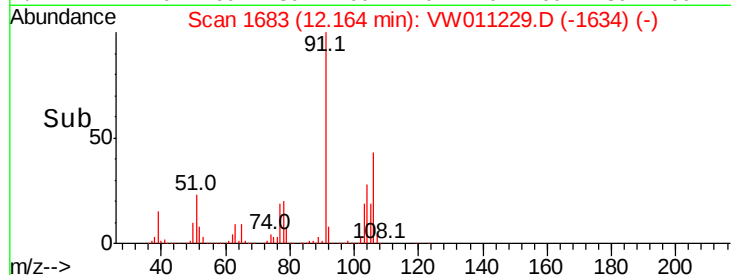
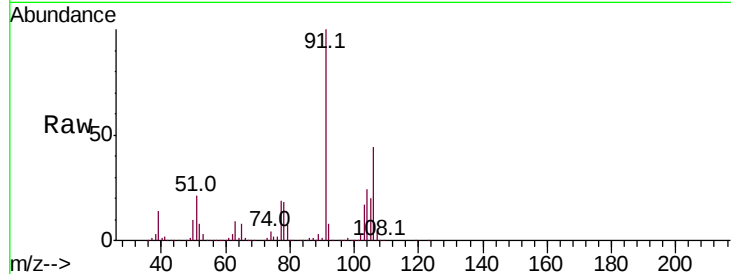
#69
o-Xylene
Concen: 56.950 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 217930
Ion Ratio Lower Upper
106 100
91 223.2 110.7 332.1

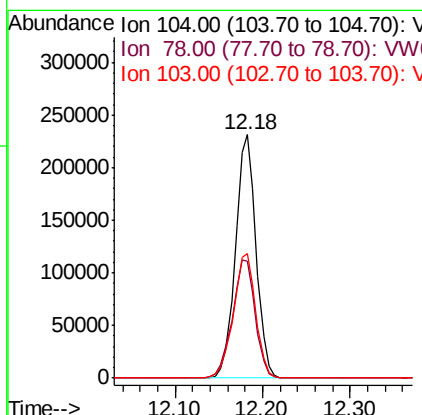
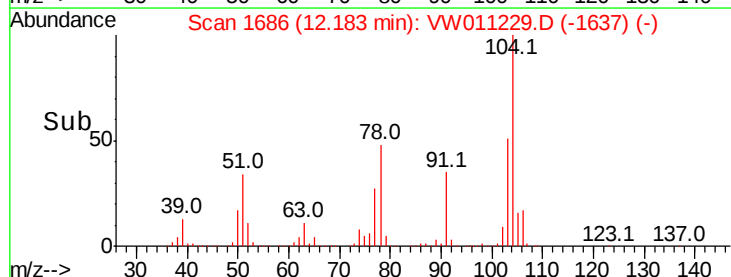
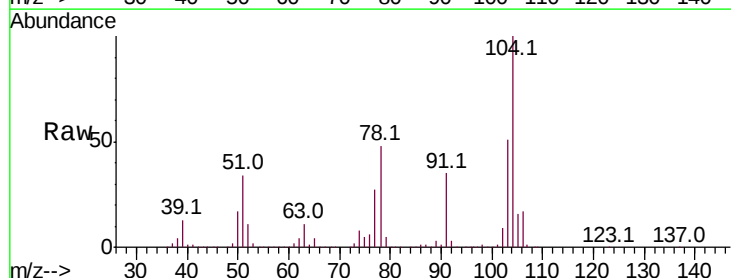
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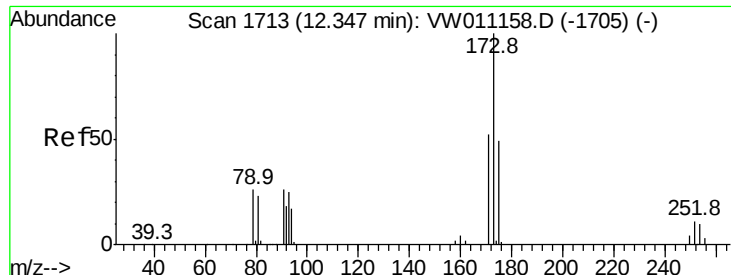
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#70
Styrene
Concen: 57.347 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Tgt Ion:104 Resp: 378734
Ion Ratio Lower Upper
104 100
78 54.1 43.1 64.7
103 55.4 44.1 66.1





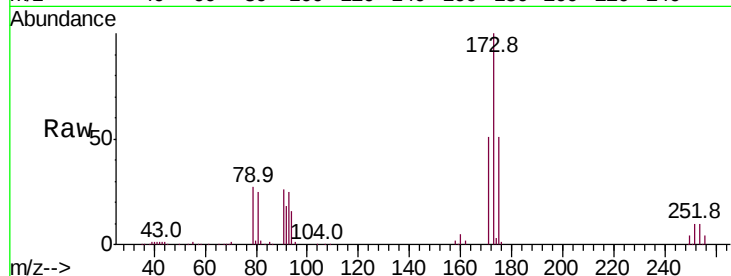
#71
Bromoform
Concen: 50.102 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.8	74.3
254	0.1	0.0	0.0

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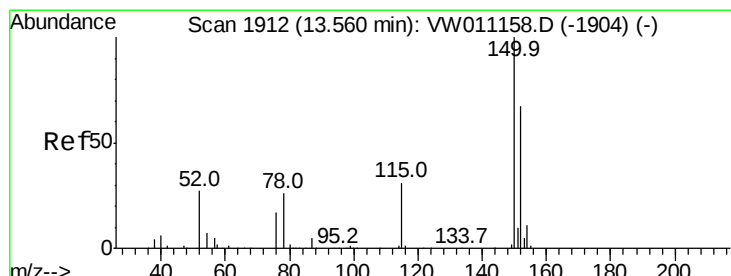
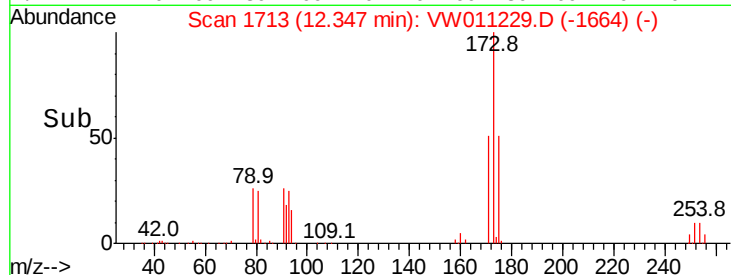
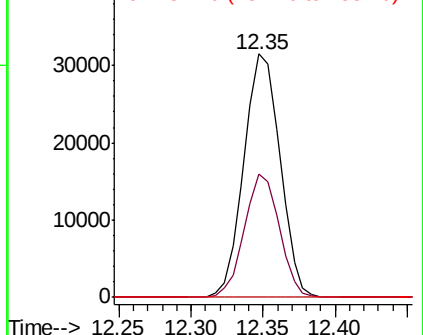


Abundance

Ion 172.70 (172.40 to 173.40): V

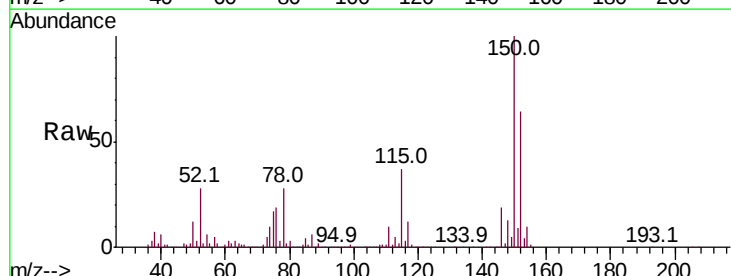
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	30.1	90.3
150	172.9	0.0	346.0

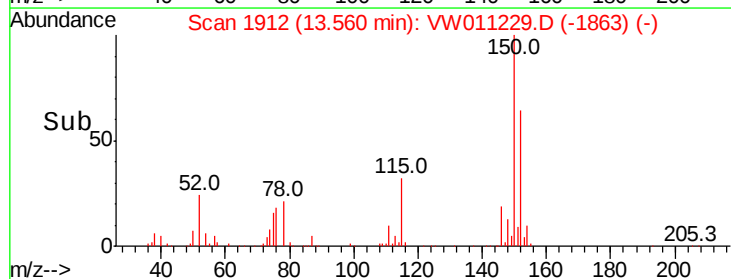
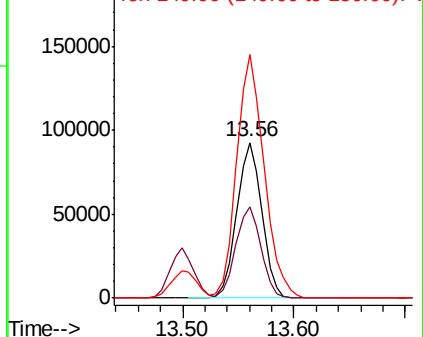


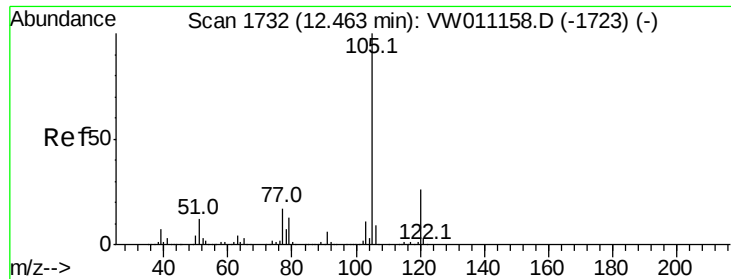
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





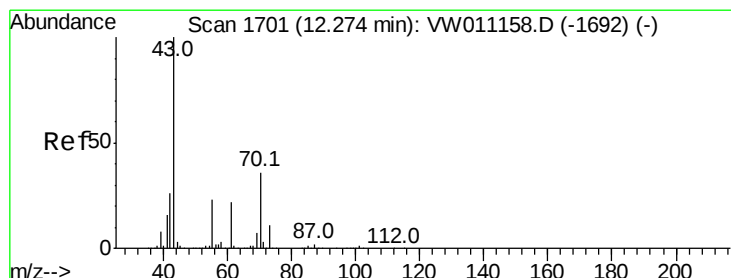
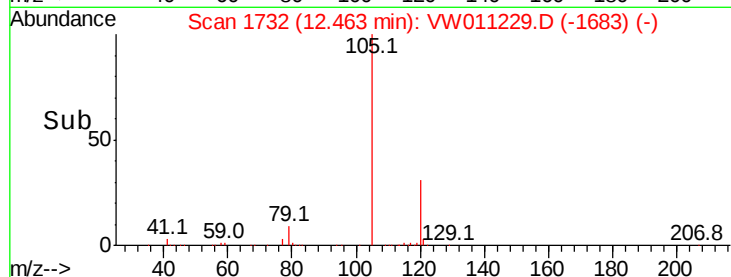
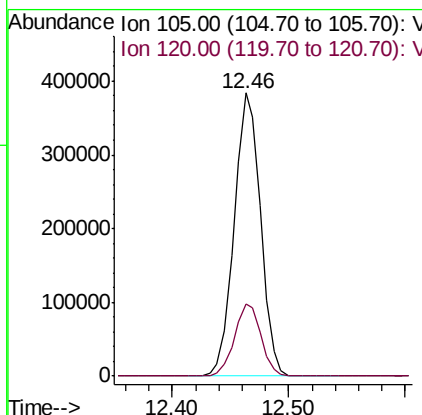
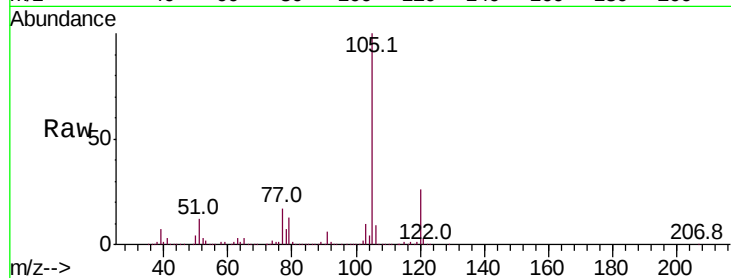
#73
Isopropylbenzene
Concen: 56.160 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.3

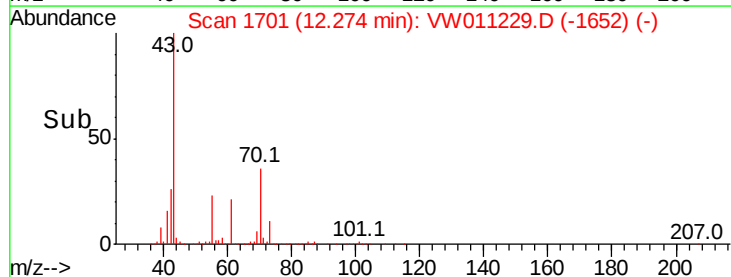
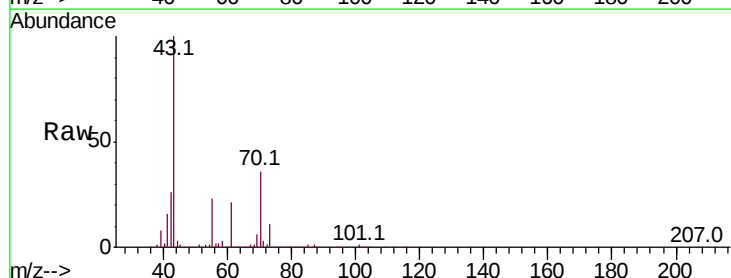
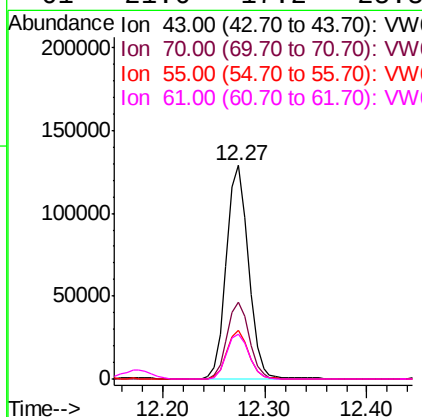
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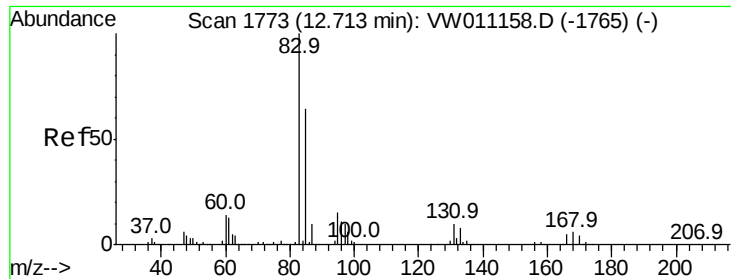
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#74
N-ethyl acetate
Concen: 51.598 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.2	28.5	42.7
55	22.5	18.1	27.1
61	21.6	17.2	25.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.910 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Instrument :

MSVOA_W

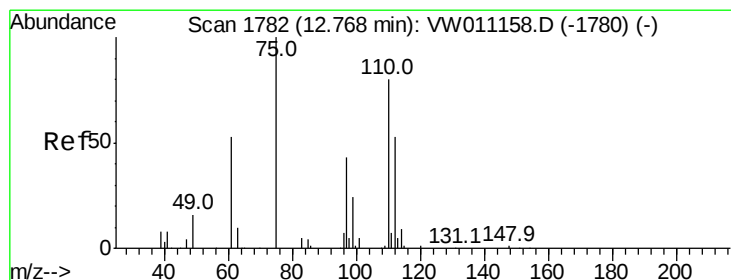
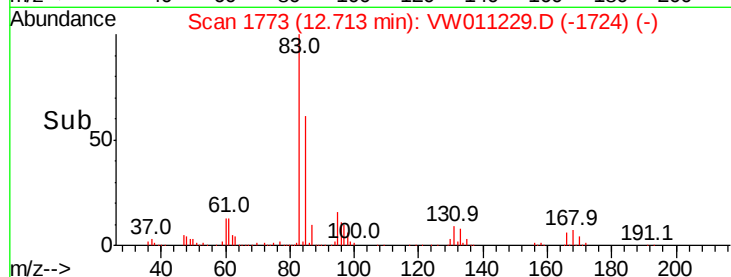
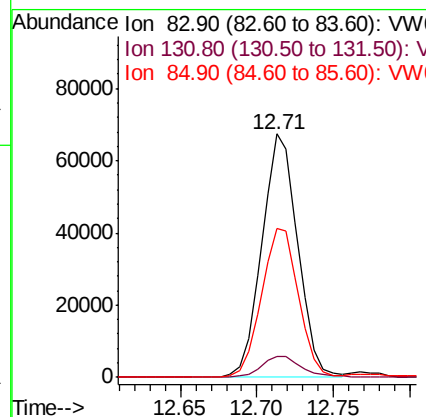
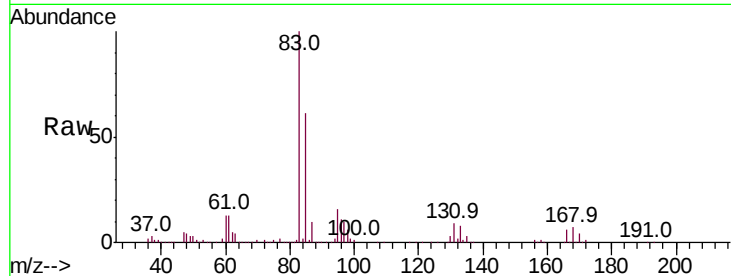
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	109915
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.0	15.0
85	63.2	31.6	94.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.735 ug/l m

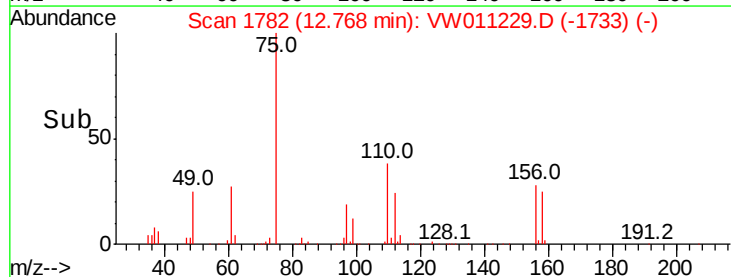
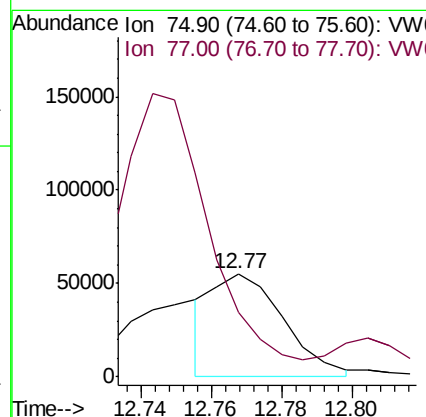
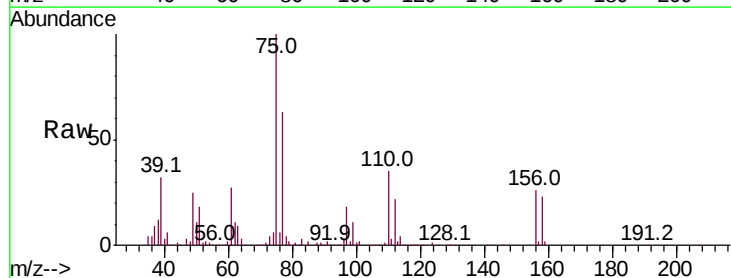
RT: 12.77 min Scan# 1782

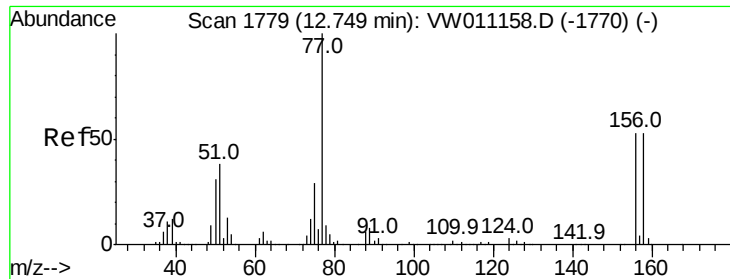
Delta R.T. 0.00 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Tgt Ion:	75	Resp:	77620
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.193 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 130661

Ion Ratio Lower Upper

156 100

77 215.3 109.0 327.0

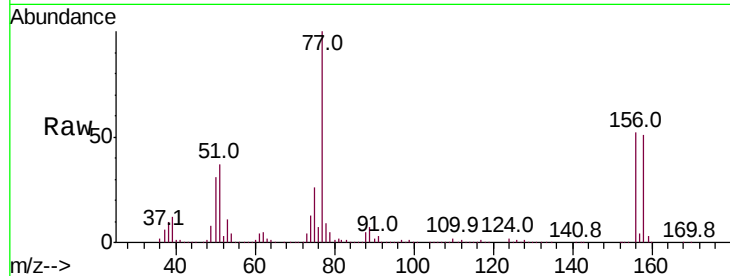
158 97.5 48.8 146.3

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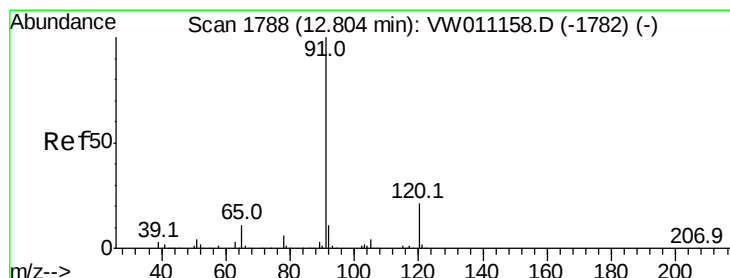
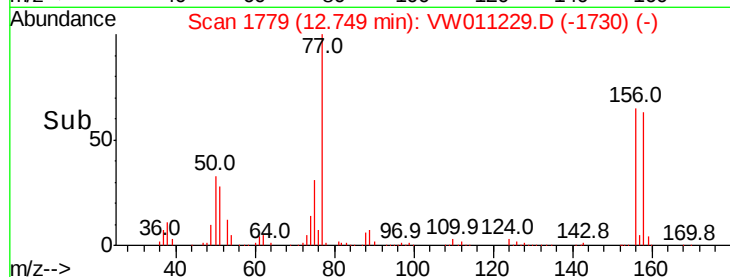
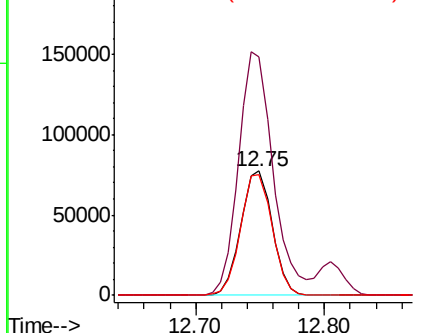
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.352 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011229.D

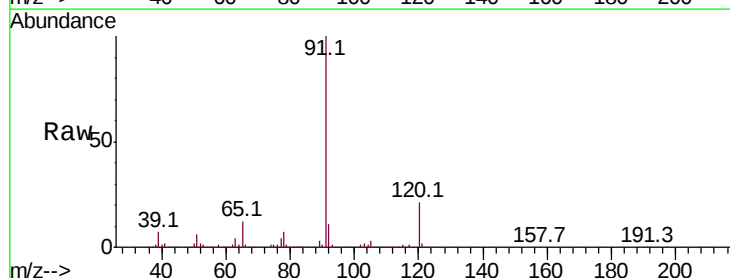
Acq: 11 Jul 2019 15:29

Tgt Ion: 91 Resp: 745780

Ion Ratio Lower Upper

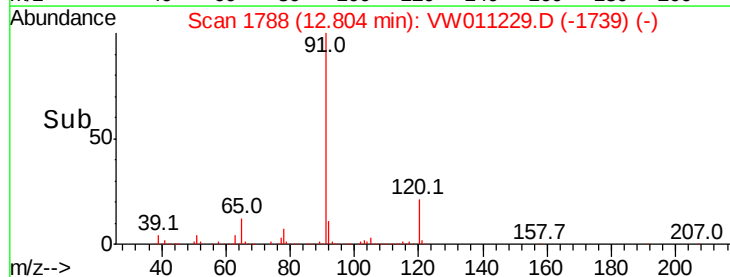
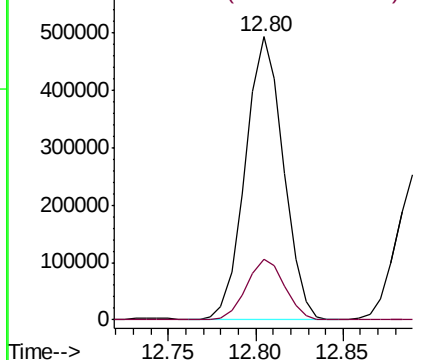
91 100

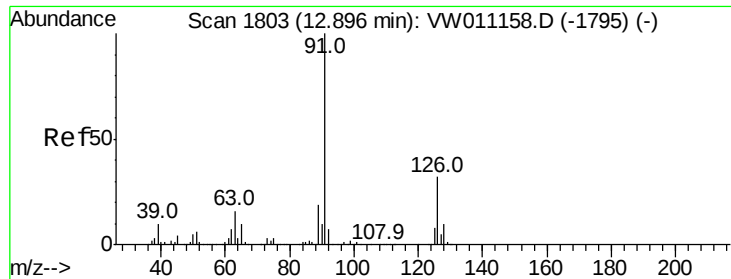
120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.453 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 422317

Ion Ratio Lower Upper

91 100

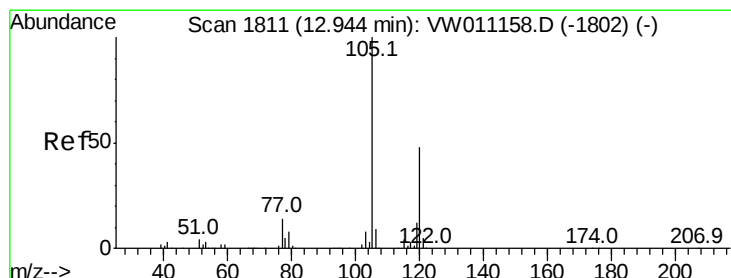
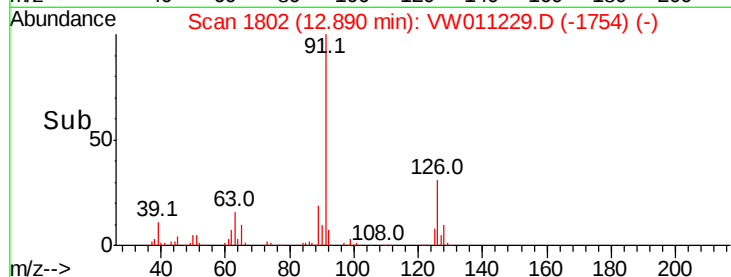
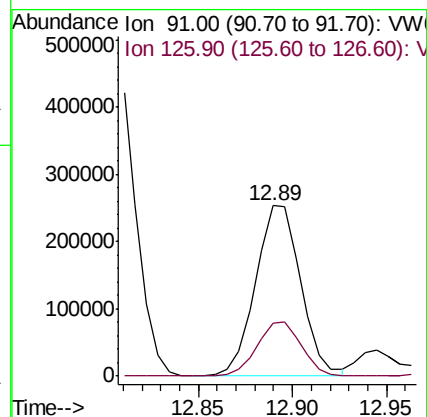
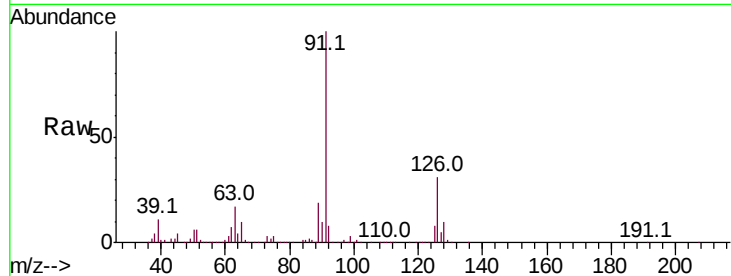
126 31.1 15.8 47.3

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#80

1,3,5-Trimethylbenzene

Concen: 56.315 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW011229.D

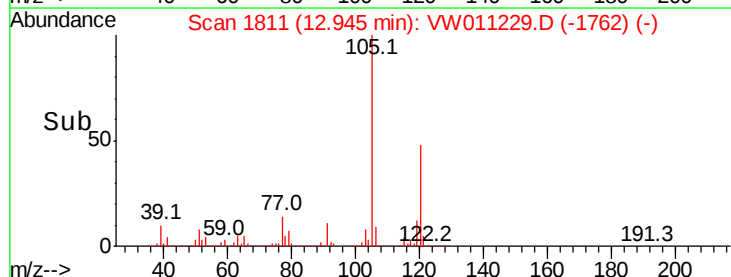
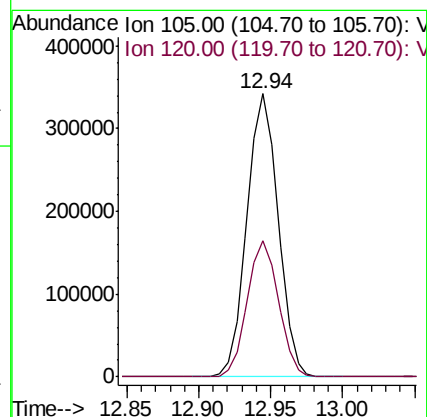
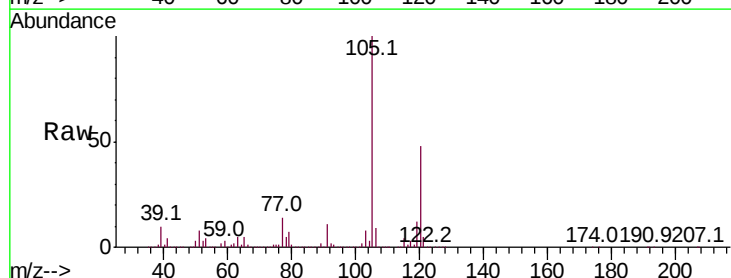
Acq: 11 Jul 2019 15:29

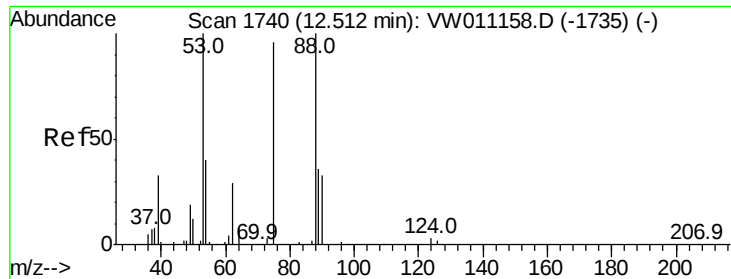
Tgt Ion:105 Resp: 513999

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.2





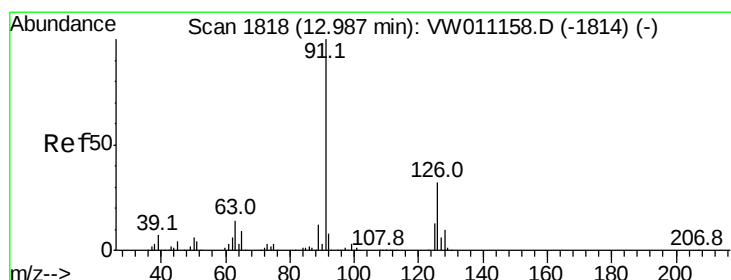
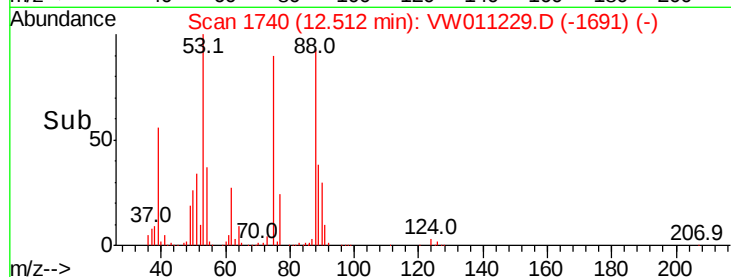
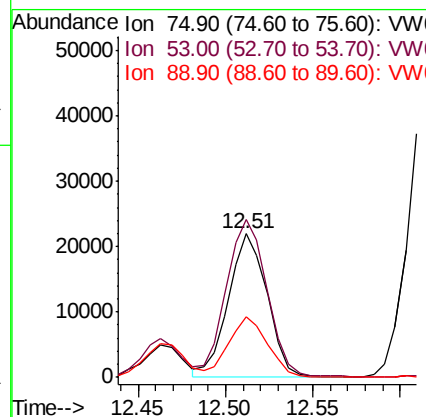
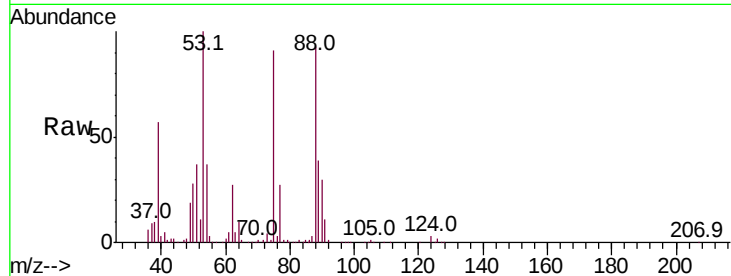
#81
trans-1,4-Dichloro-2-butene
Concen: 45.902 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	114.3	89.8	134.6
89	42.5	34.3	51.5

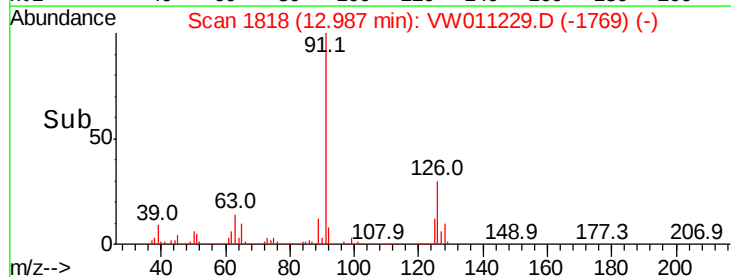
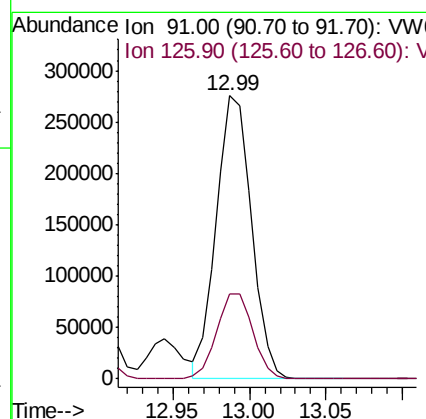
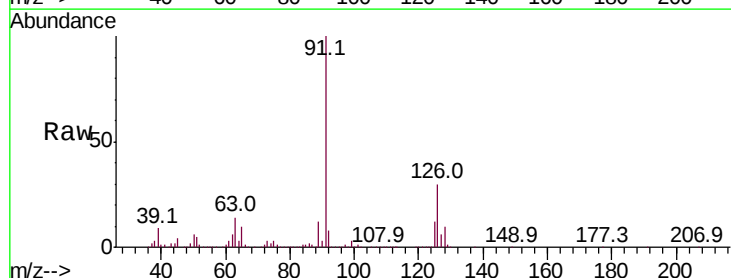
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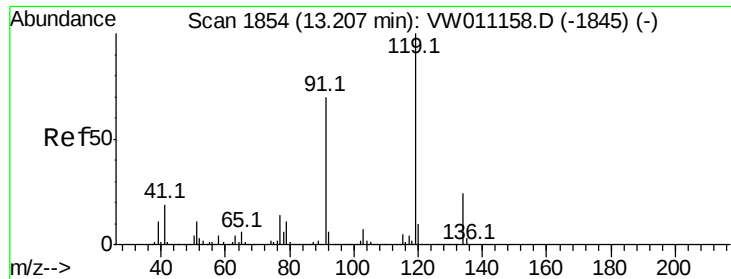
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#82
4-Chlorotoluene
Concen: 55.434 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.7	47.1





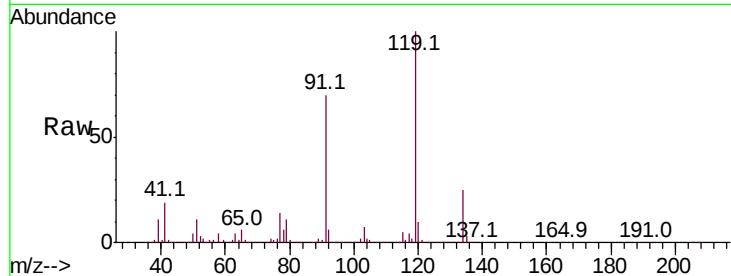
#83
tert-Butylbenzene
Concen: 56.532 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

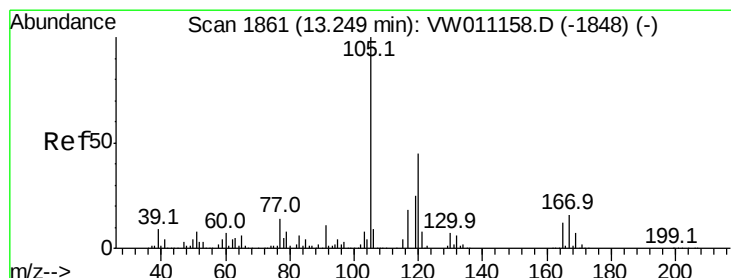
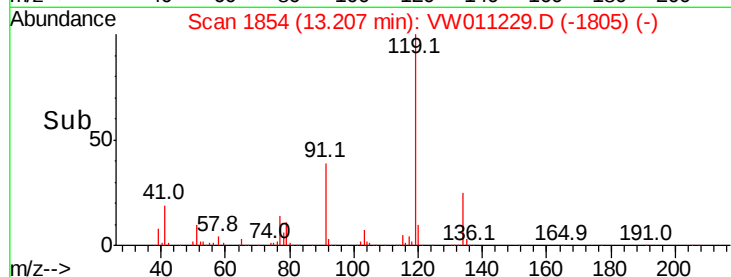
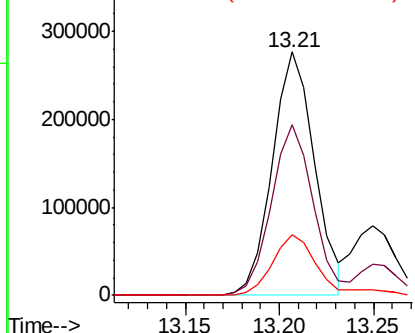
Tot Ion	Ratio	Resp	Lower	Upper
119	100	430316		
91	69.9		35.4	106.3
134	24.9		13.4	40.2

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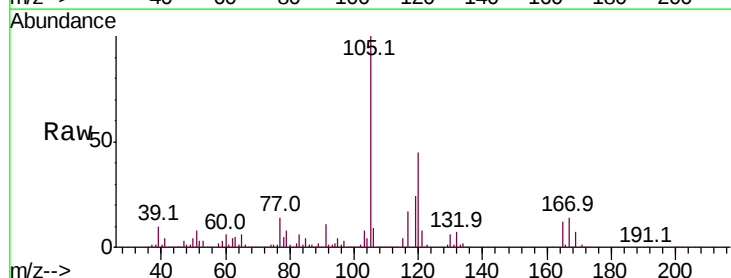


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

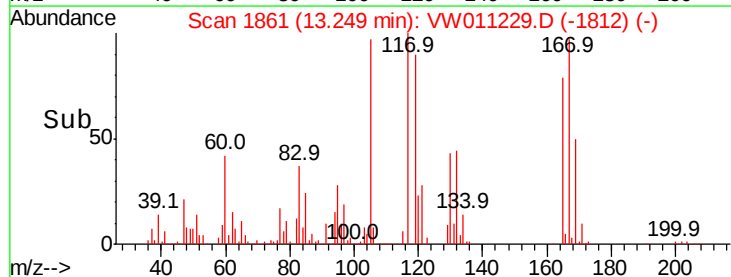
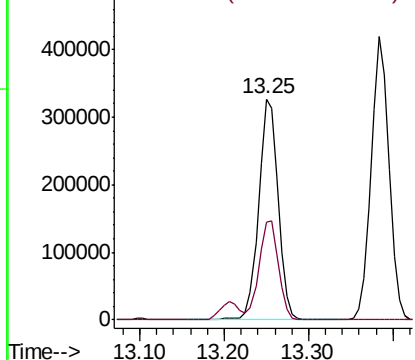


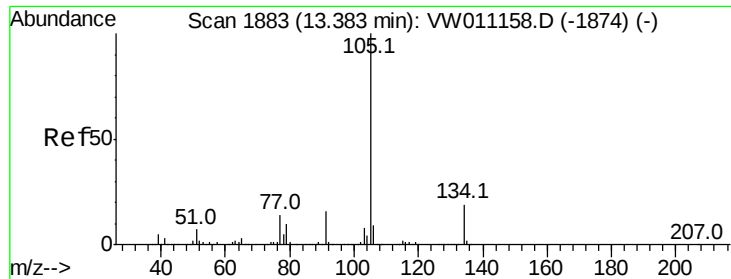
#84
1,2,4-Trimethylbenzene
Concen: 56.193 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	514993		
120	44.8		22.3	66.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





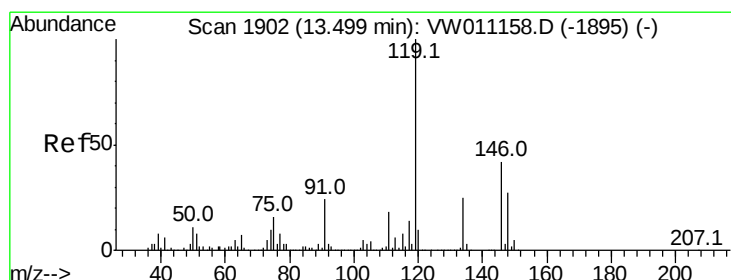
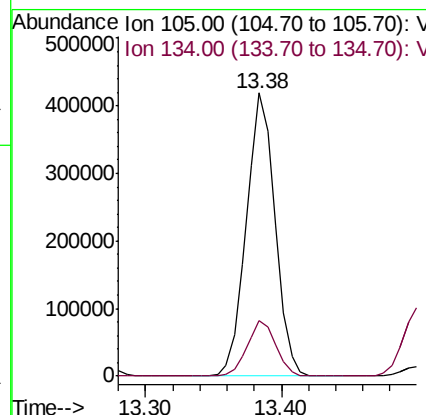
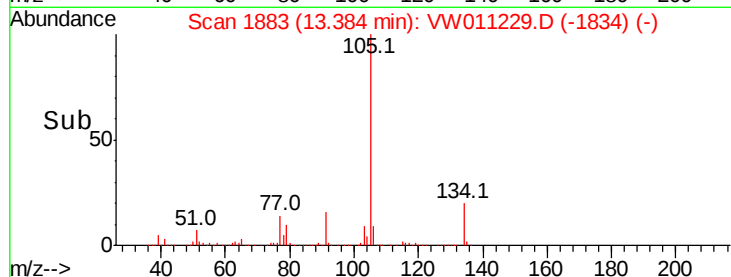
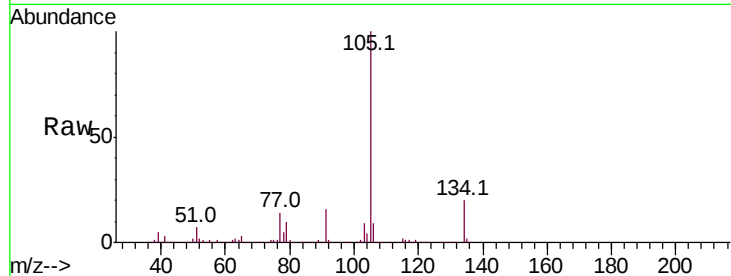
#85
 sec-Butylbenzene
 Concen: 56.390 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011229.D
 Acq: 11 Jul 2019 15:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.7	28.9

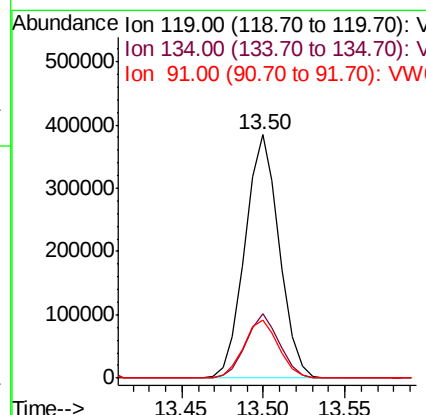
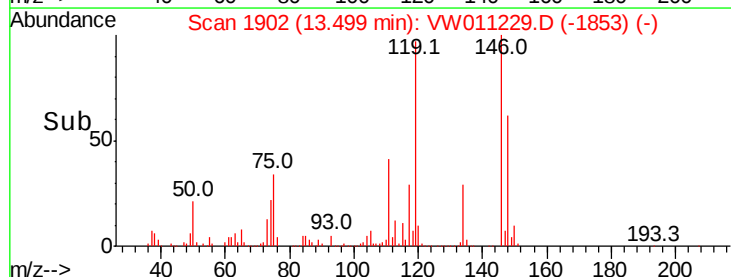
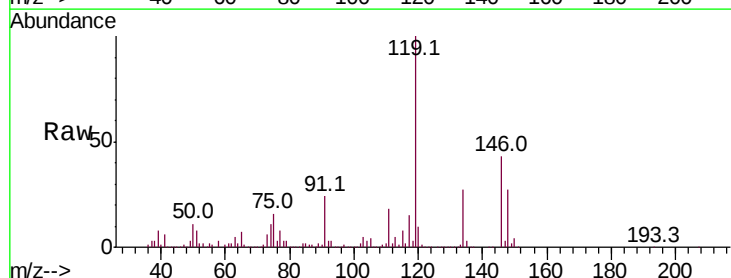
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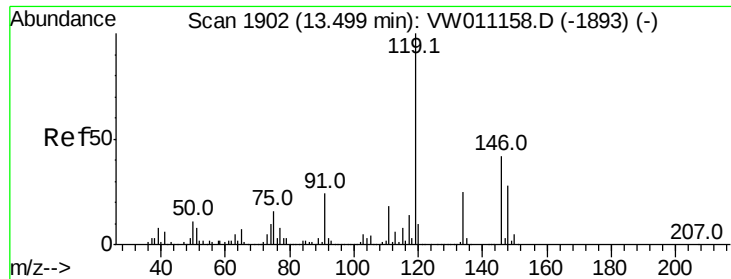
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#86
 p-Isopropyltoluene
 Concen: 56.948 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011229.D
 Acq: 11 Jul 2019 15:29

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.6
91	24.3	12.3	36.8





#87

1,3-Dichlorobenzene

Concen: 56.102 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

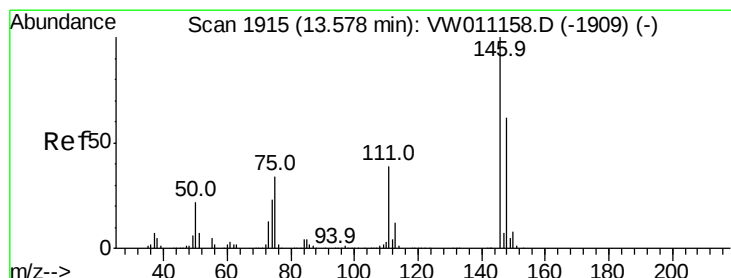
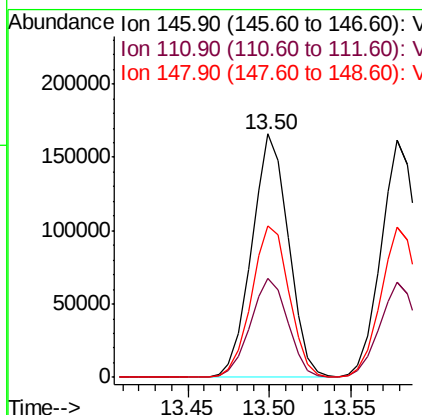
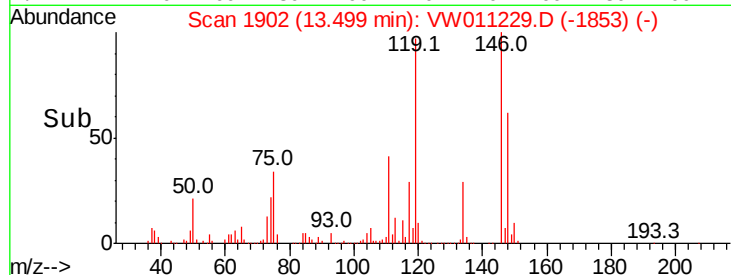
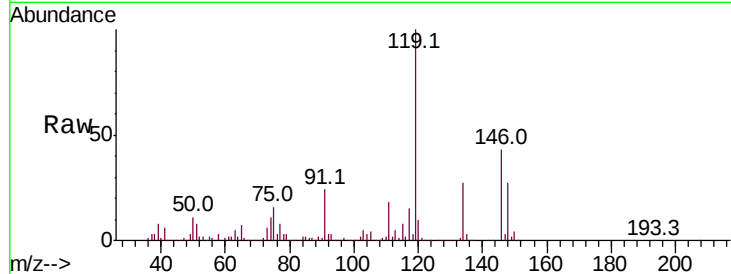
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	260247		
111	41.3	21.1	63.1	
148	63.7	32.6	97.7	

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#88

1,4-Dichlorobenzene

Concen: 54.579 ug/l

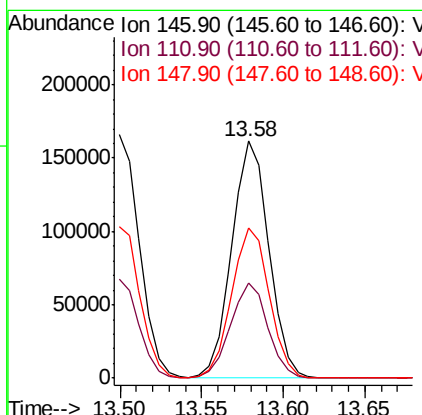
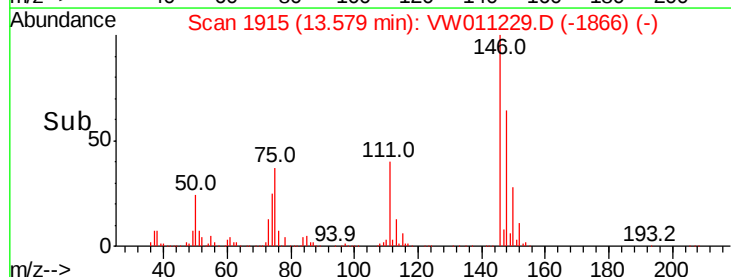
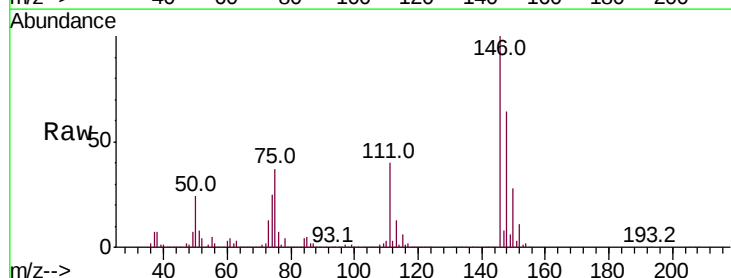
RT: 13.58 min Scan# 1915

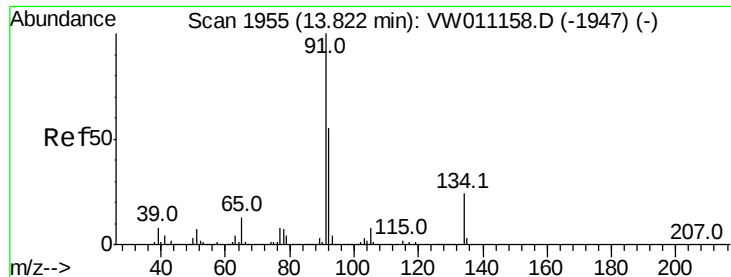
Delta R.T. 0.00 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	254949		
111	40.5	19.9	59.7	
148	64.6	31.5	94.5	





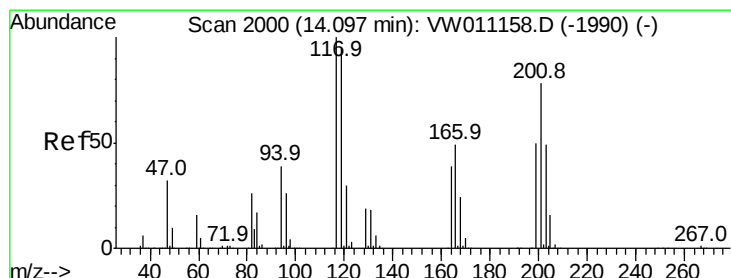
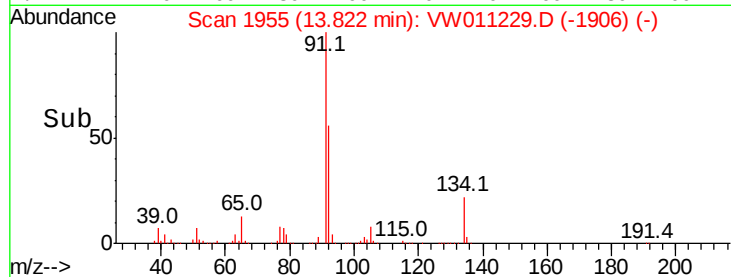
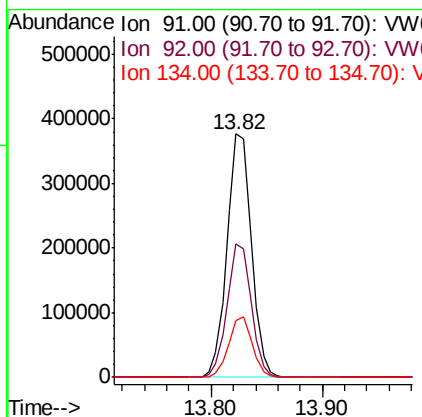
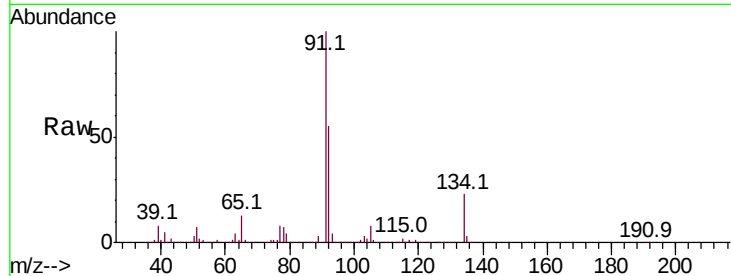
#89
n-Butylbenzene
Concen: 58.123 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.9	80.7
134	24.1	12.2	36.4

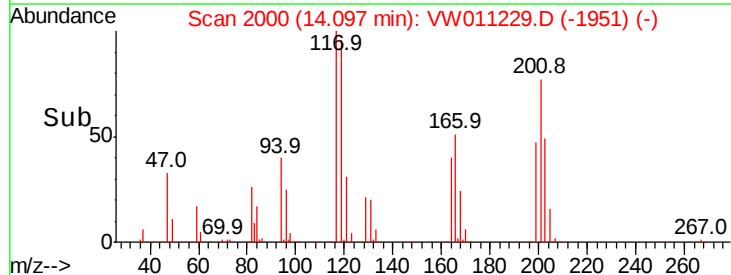
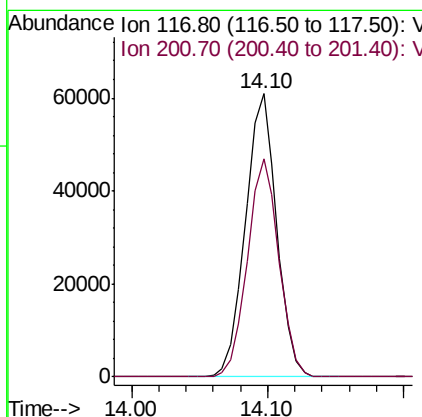
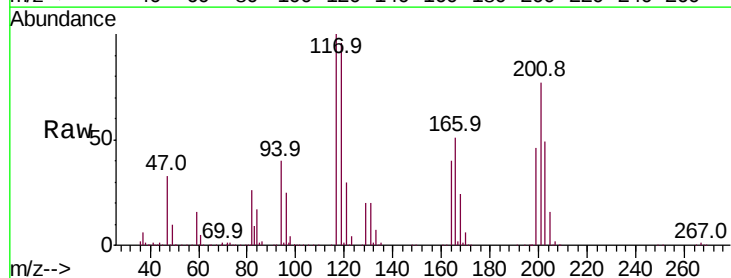
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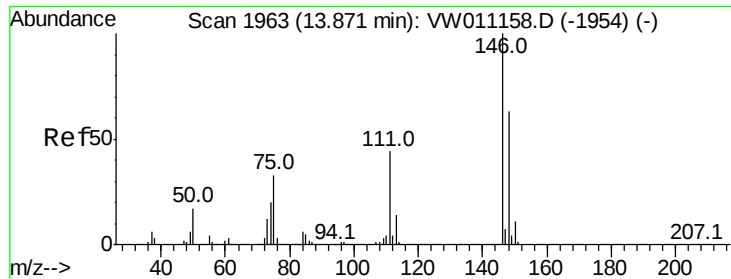
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#90
Hexachloroethane
Concen: 54.374 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW011229.D
Acq: 11 Jul 2019 15:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.6	38.3	114.8





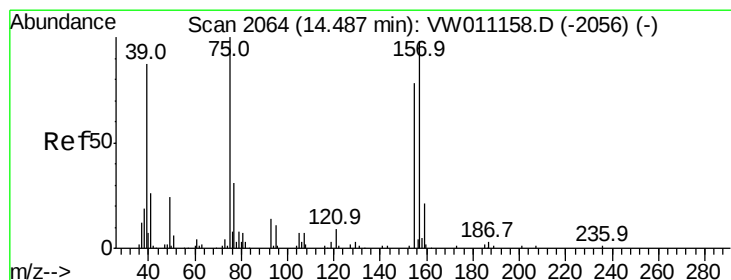
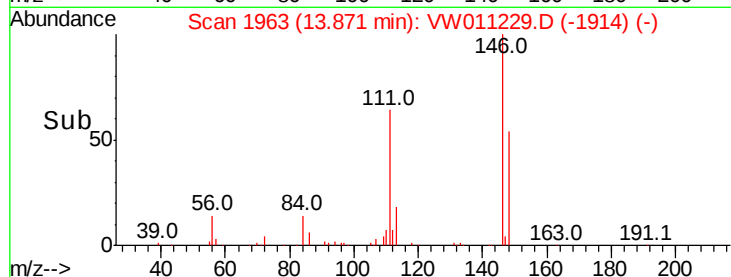
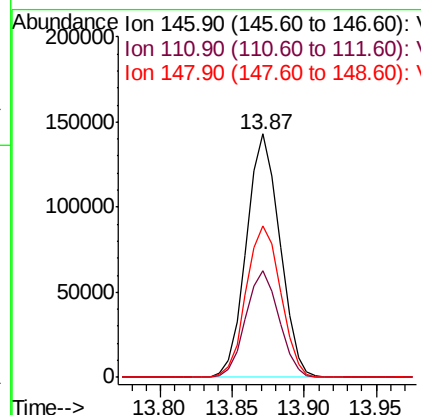
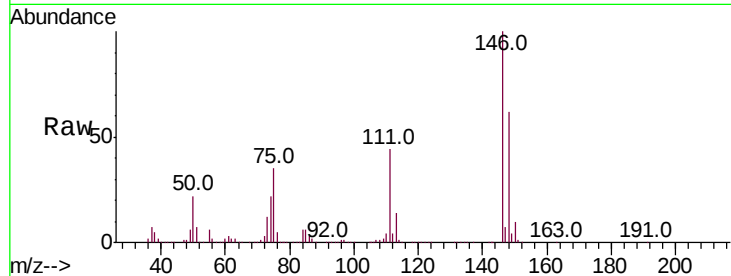
#91
 1,2-Dichlorobenzene
 Concen: 54.579 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011229.D
 Acq: 11 Jul 2019 15:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	229691		
111	43.7	21.6	65.0	
148	64.2	31.9	95.5	

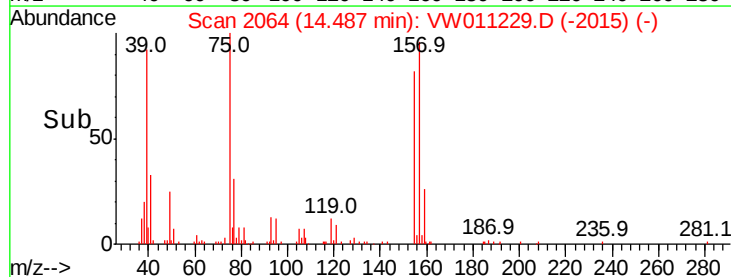
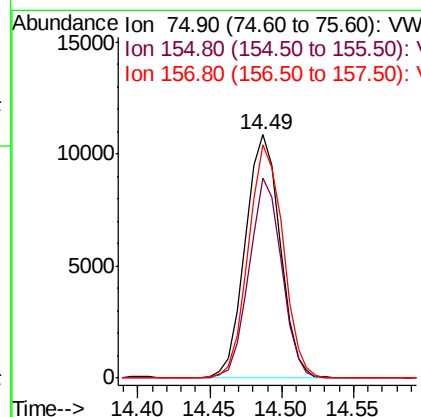
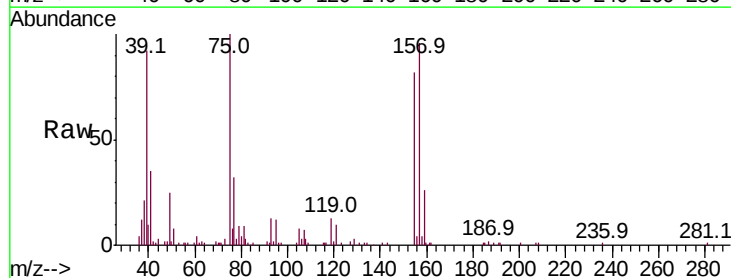
Manual Integrations
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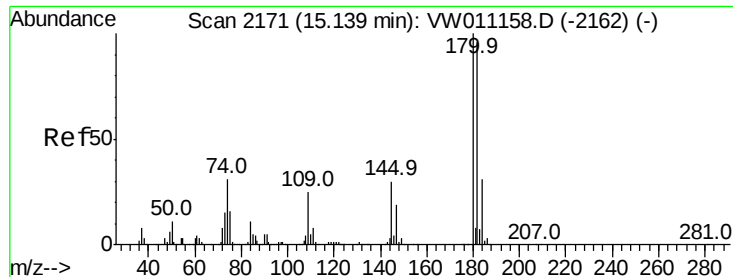
MMDadoda
 7/15/2019 2:06:04 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.627 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011229.D
 Acq: 11 Jul 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18214		
155	76.5	37.1	111.3	
157	95.1	48.5	145.6	





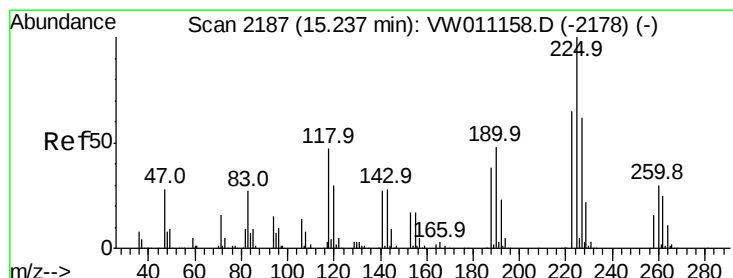
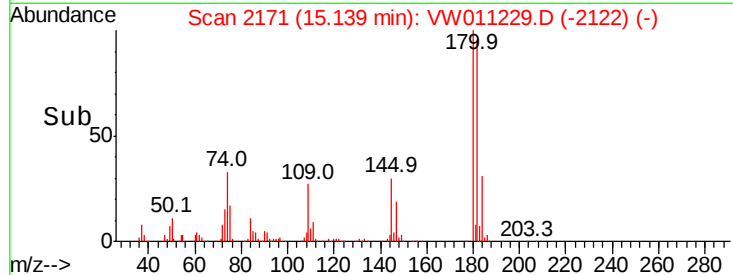
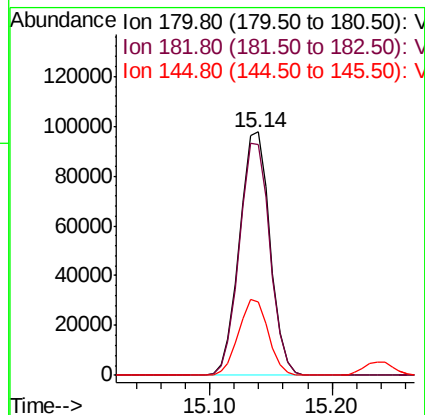
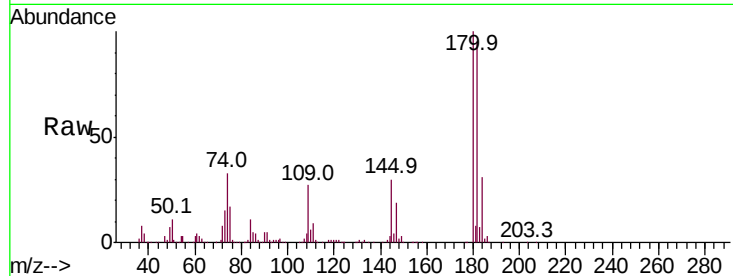
#93
 1,2,4-Trichlorobenzene
 Concen: 58.148 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW011229.D
 Acq: 11 Jul 2019 15:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	168550
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.3	144.9
145	30.5	15.5	46.5

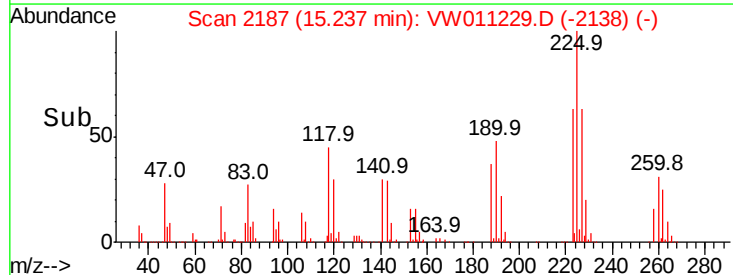
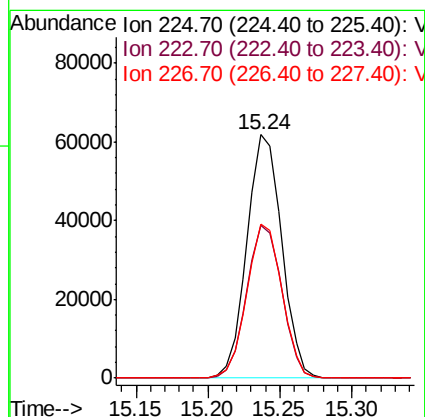
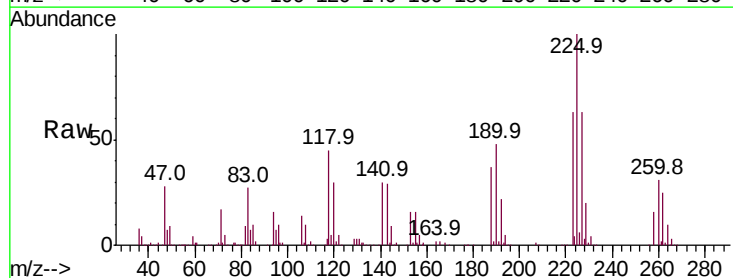
Manual Integrations
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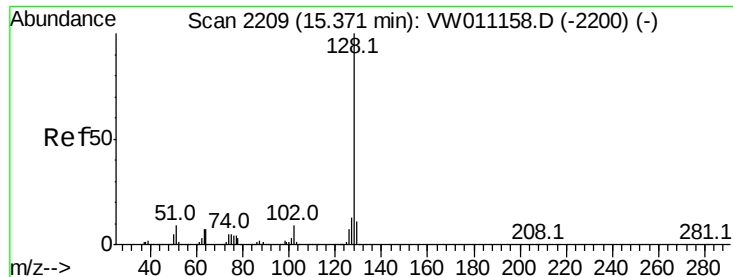
MMDadoda
 7/15/2019 2:06:04 PM



#94
 Hexachlorobutadiene
 Concen: 58.170 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011229.D
 Acq: 11 Jul 2019 15:29

Tgt Ion:	225	Resp:	103517
Ion Ratio	Lower	Upper	
225	100		
223	63.6	31.6	95.0
227	63.6	32.0	96.0





#95

Naphthalene

Concen: 55.090 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Instrument :

MSVOA_W

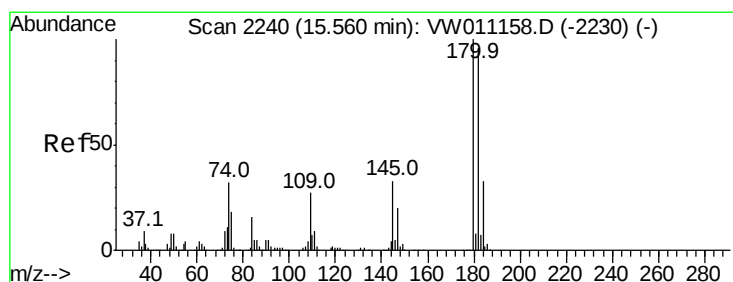
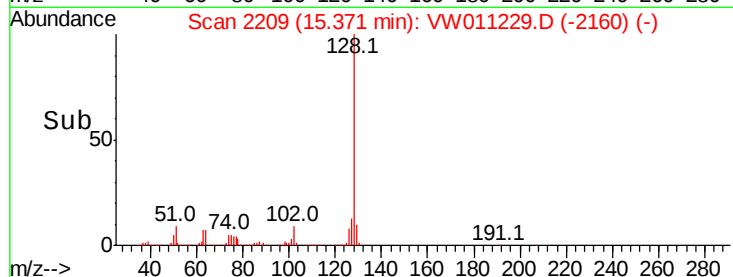
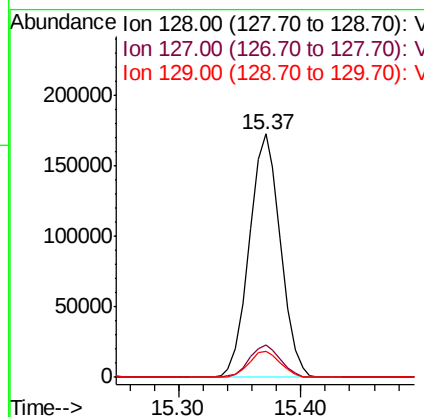
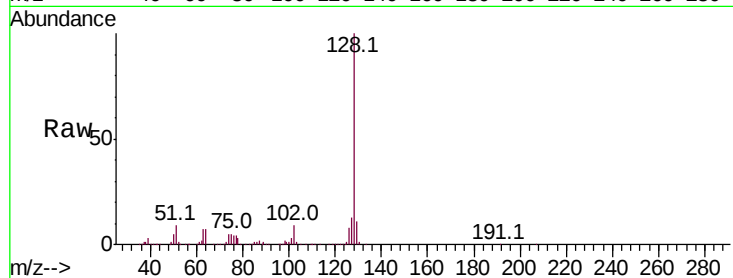
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	306000
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	10.7	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 56.992 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW011229.D

Acq: 11 Jul 2019 15:29

Tgt Ion:	180	Resp:	145796
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.6	142.8
145	32.4	16.5	49.5

