

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011347.D
 Acq On : 18 Jul 2019 21:35
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/19/2019 9:54:03 AM

Quant Time: Jul 19 08:00:22 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	175931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	291445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	131916	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	108045	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
35) Dibromofluoromethane	7.88	113	85381	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
50) Toluene-d8	10.32	98	337709	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
62) 4-Bromofluorobenzene	12.62	95	126146	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	58946	44.925	ug/l	100
3) Chloromethane	2.21	50	85615	50.638	ug/l	97
4) Vinyl Chloride	2.36	62	101629	45.925	ug/l	95
5) Bromomethane	2.77	94	53952	48.519	ug/l	92
6) Chloroethane	2.92	64	57208	47.996	ug/l	99
7) Trichlorofluoromethane	3.25	101	33319	42.383	ug/l	99
8) Diethyl Ether	3.67	74	55999	51.482	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	90098	47.847	ug/l	99
10) Methyl Iodide	4.26	142	129629	50.052	ug/l	100
11) Tert butyl alcohol	5.17	59	45345	277.054	ug/l	98
12) 1,1-Dichloroethene	4.04	96	95050	48.633	ug/l	95
13) Acrolein	3.89	56	27653	212.180	ug/l	100
14) Allyl chloride	4.66	41	165653	46.480	ug/l	98
15) Acrylonitrile	5.36	53	153205	276.556	ug/l	99
16) Acetone	4.12	43	152362	286.446	ug/l	100
17) Carbon Disulfide	4.38	76	279566	47.183	ug/l	99
18) Methyl Acetate	4.67	43	80993	53.648	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	156776	52.867	ug/l	97
20) Methylene Chloride	4.91	84	116203	55.379	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	101433	49.947	ug/l	97
22) Diisopropyl ether	6.31	45	398997	52.051	ug/l	99
23) Vinyl Acetate	6.24	43	1313126	276.803	ug/l	100
24) 1,1-Dichloroethane	6.21	63	206799	51.376	ug/l	99
25) 2-Butanone	7.17	43	241327	289.032	ug/l	99
26) 2,2-Dichloropropane	7.16	77	99668	47.634	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	113138	51.645	ug/l	100
28) Bromochloromethane	7.51	49	84714	46.285	ug/l	100
29) Tetrahydrofuran	7.52	42	153678	280.698	ug/l	100
30) Chloroform	7.67	83	188519	50.572	ug/l	98
31) Cyclohexane	7.95	56	193897	45.279	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	138398	48.806	ug/l	99
36) 1,1-Dichloropropene	8.08	75	150365	48.448	ug/l	99
37) Ethyl Acetate	7.25	43	102818	55.138	ug/l	99
38) Carbon Tetrachloride	8.06	117	127025	48.280	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	178924	47.564	ug/l	99
40) Benzene	8.32	78	435000	50.716	ug/l	99
41) Methacrylonitrile	7.48	41	64210	60.206	ug/l	91
42) 1,2-Dichloroethane	8.40	62	144711	52.010	ug/l	100
43) Isopropyl Acetate	8.42	43	190636	54.149	ug/l	100
44) Trichloroethene	9.09	130	101979	49.408	ug/l	98
45) 1,2-Dichloropropane	9.37	63	120088	51.703	ug/l	99
46) Dibromomethane	9.46	93	56901	52.151	ug/l	99
47) Bromodichloromethane	9.64	83	144273	51.679	ug/l	100
48) Methyl methacrylate	9.43	41	93183	55.016	ug/l	98
49) 1,4-Dioxane	9.45	88	19754	1084.671	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	517762	281.535	ug/l	100
52) Toluene	10.38	92	263980	50.736	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	148719	50.047	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	174434	49.871	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	82171	53.087	ug/l	97
56) Ethyl methacrylate	10.64	69	125598	53.297	ug/l	98
57) 1,3-Dichloropropane	10.93	76	155588	53.156	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	242181	221.673	ug/l	99
59) 2-Hexanone	10.97	43	354336	277.825	ug/l	100
60) Dibromochloromethane	11.13	129	87871	51.770	ug/l	100
61) 1,2-Dibromoethane	11.23	107	78016	53.210	ug/l	99
64) Tetrachloroethene	10.86	164	90350	50.690	ug/l	97
65) Chlorobenzene	11.66	112	267206	49.755	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	94659	50.060	ug/l	100
67) Ethyl Benzene	11.73	91	508394	49.450	ug/l	98
68) m/p-Xylenes	11.84	106	370340	99.552	ug/l	100
69) o-Xylene	12.16	106	175387	50.022	ug/l	99
70) Styrene	12.18	104	309481	51.144	ug/l	99
71) Bromoform	12.35	173	49944	49.677	ug/l #	100
73) Isopropylbenzene	12.46	105	475367	48.206	ug/l	100
74) N-amyl acetate	12.27	43	177269	51.616	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	104284	51.590	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	71323m	46.786	ug/l	
77) Bromobenzene	12.74	156	108867	49.194	ug/l	100
78) n-propylbenzene	12.80	91	589290	48.511	ug/l	100
79) 2-Chlorotoluene	12.89	91	337565	48.290	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	408242	48.730	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	30457	45.188	ug/l	99
82) 4-Chlorotoluene	12.99	91	357942	49.162	ug/l	100
83) tert-Butylbenzene	13.21	119	339466	48.586	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	413445	49.149	ug/l	99
85) sec-Butylbenzene	13.38	105	482134	47.823	ug/l	99
86) p-Isopropyltoluene	13.50	119	439592	48.614	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	210170	49.360	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	212423	49.544	ug/l	99
89) n-Butylbenzene	13.82	91	435084	48.233	ug/l	99
90) Hexachloroethane	14.09	117	77781	47.072	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	191813	49.656	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18235	50.857	ug/l	97

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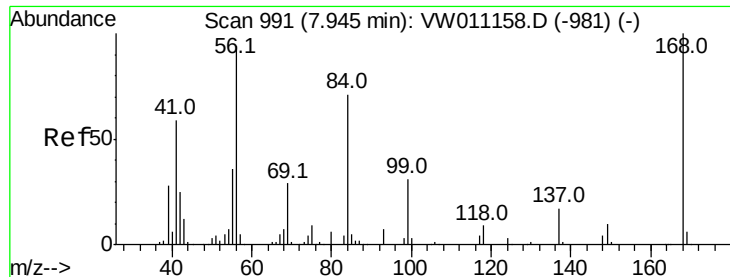
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	134256	50.461	ug/l	98
94) Hexachlorobutadiene	15.24	225	77509	47.451	ug/l	100
95) Naphthalene	15.37	128	272564	53.460	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	118376	50.413	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 175931

Ion Ratio Lower Upper

168 100

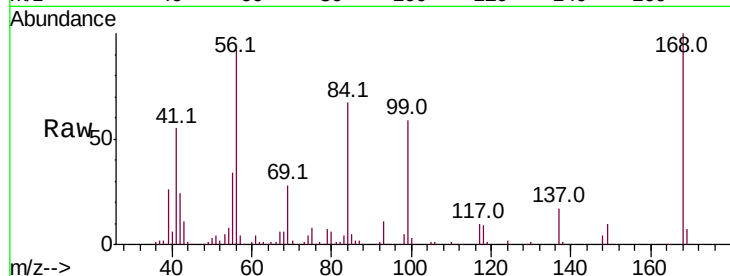
99 58.9 50.1 75.1

Manual Integrations

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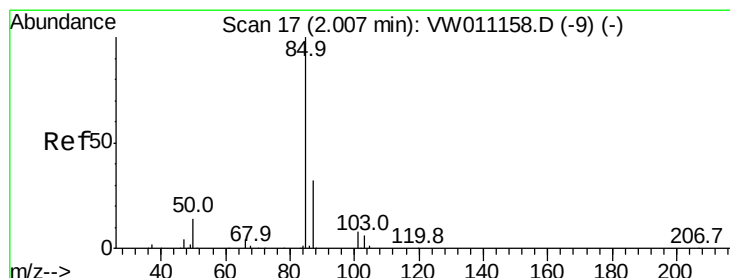
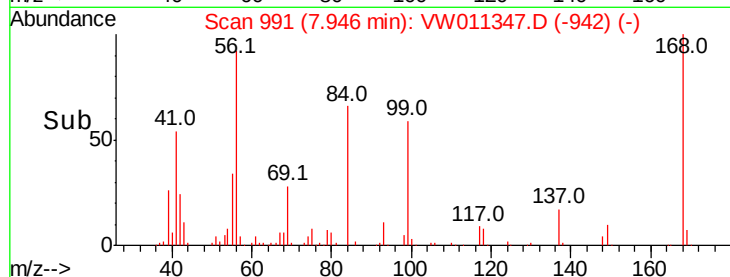
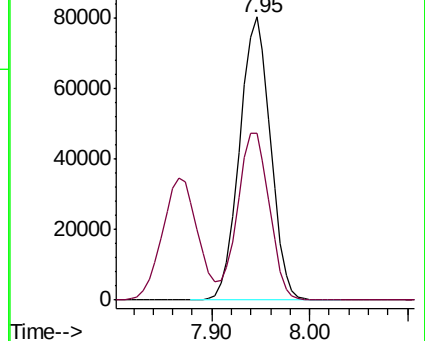
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 44.925 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011347.D

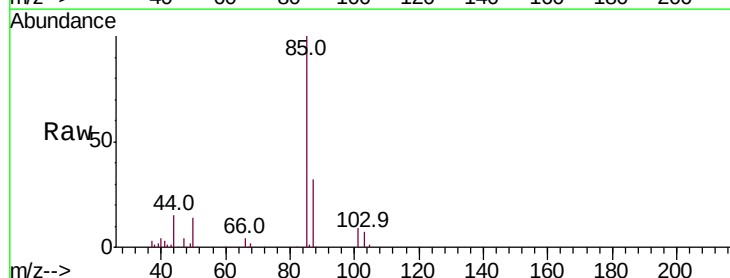
Acq: 18 Jul 2019 21:35

Tgt Ion: 85 Resp: 58946

Ion Ratio Lower Upper

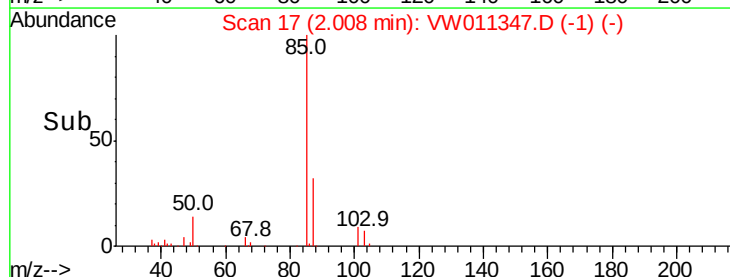
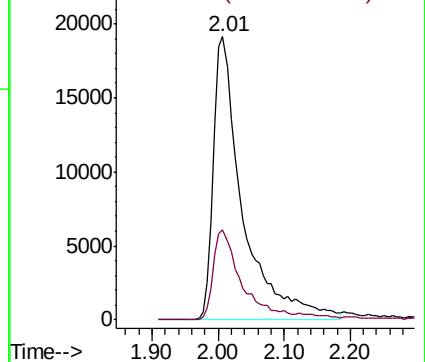
85 100

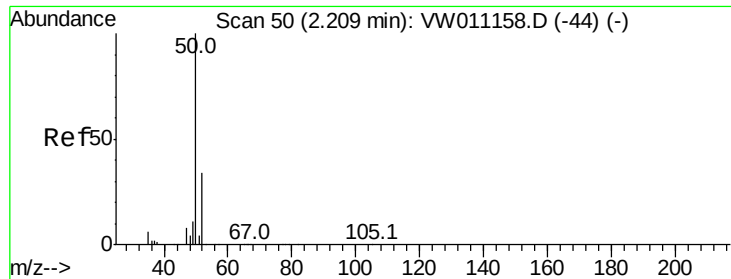
87 31.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 50.638 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 85615

Ion Ratio Lower Upper

50 100

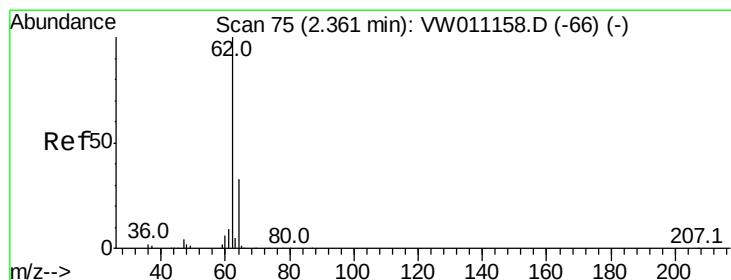
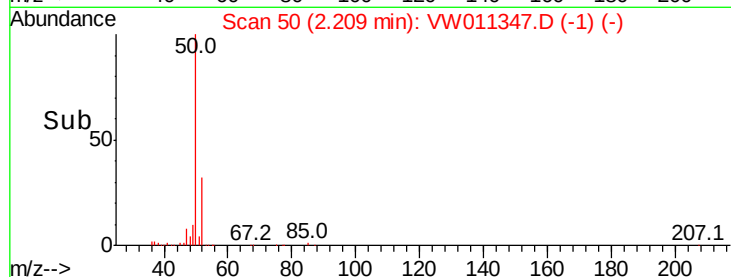
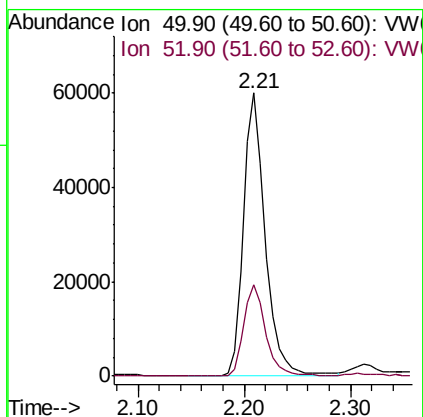
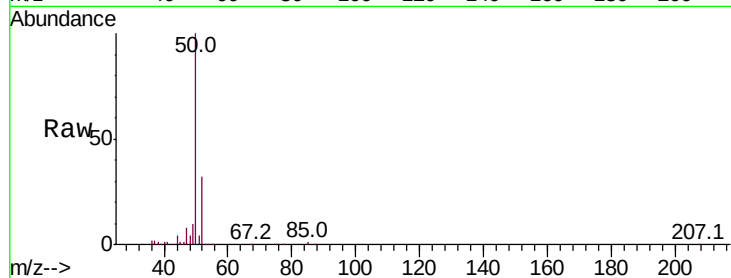
52 32.2 26.9 40.3

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#4

Vinyl Chloride

Concen: 45.925 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011347.D

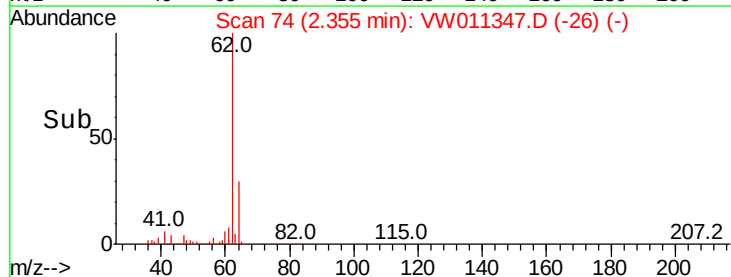
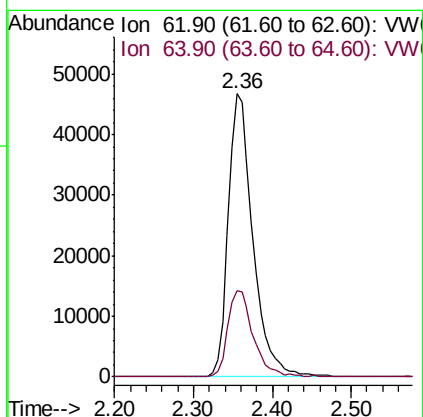
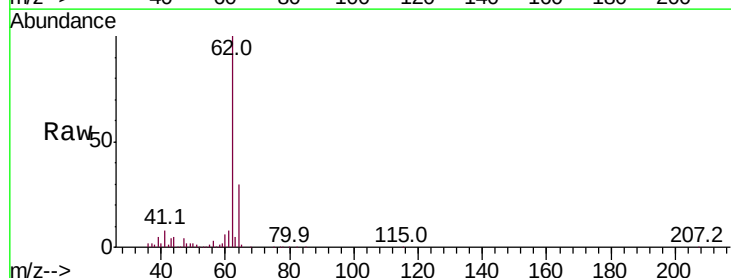
Acq: 18 Jul 2019 21:35

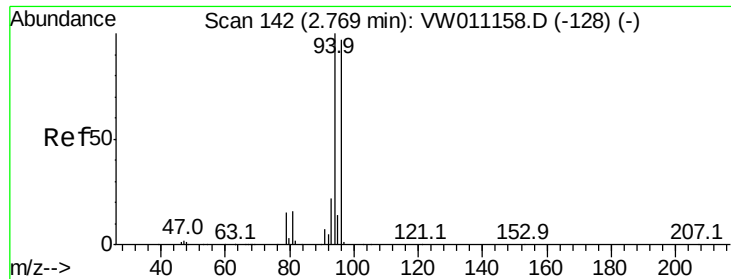
Tgt Ion: 62 Resp: 101629

Ion Ratio Lower Upper

62 100

64 30.4 26.6 40.0





#5

Bromomethane

Concen: 48.519 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 53952

Ion Ratio Lower Upper

94 100

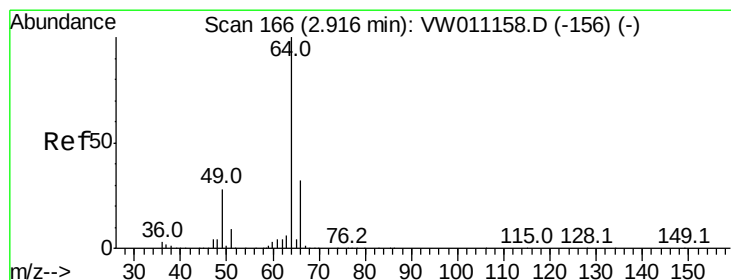
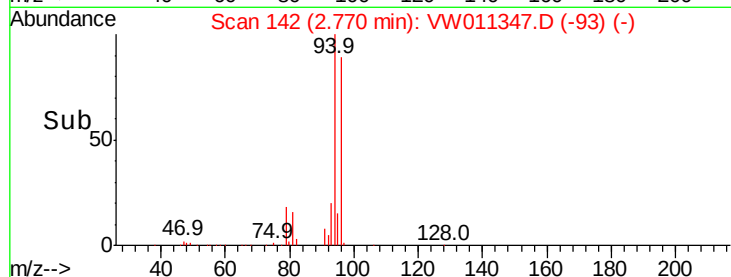
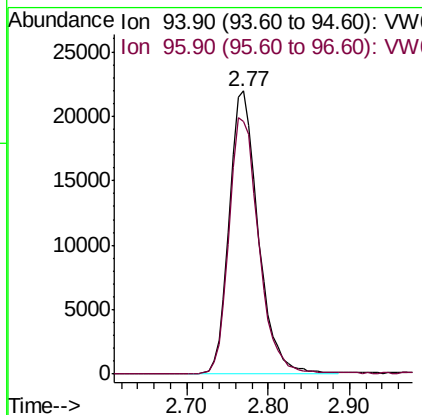
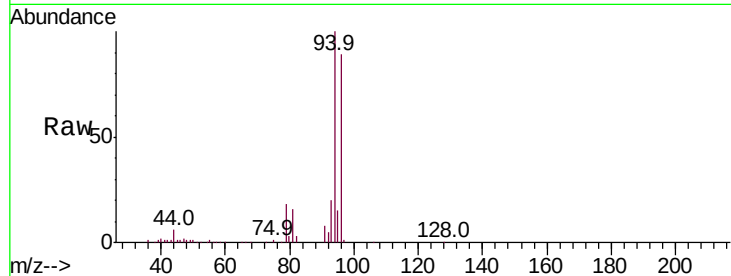
96 89.3 77.4 116.0

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#6

Chloroethane

Concen: 47.996 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW011347.D

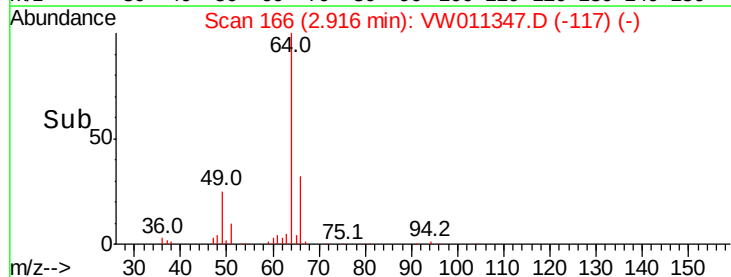
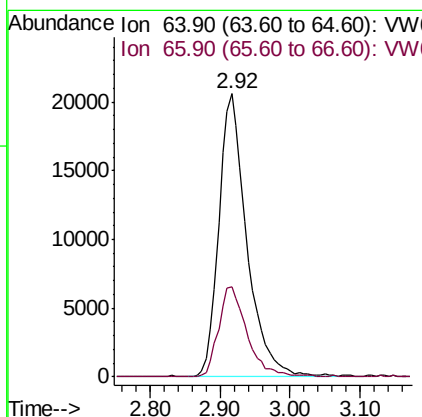
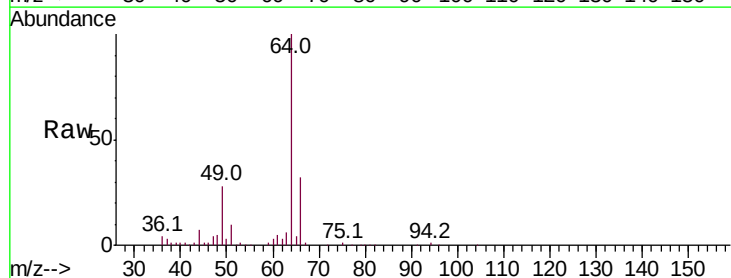
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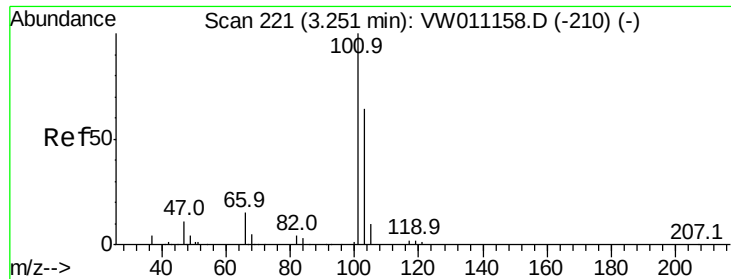
Tgt Ion: 64 Resp: 57208

Ion Ratio Lower Upper

64 100

66 31.7 25.8 38.8





#7

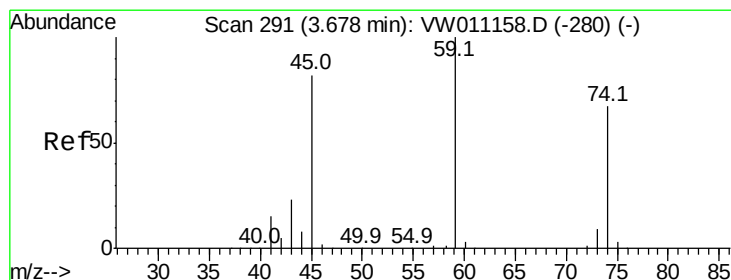
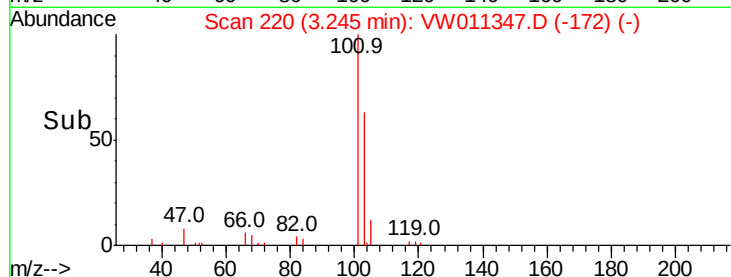
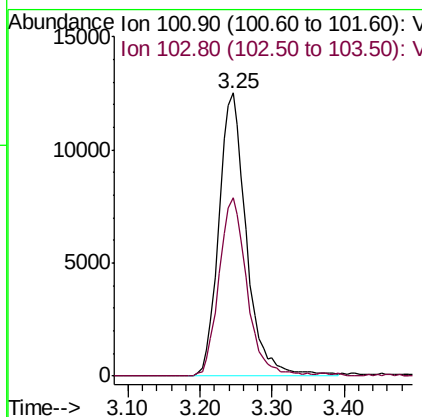
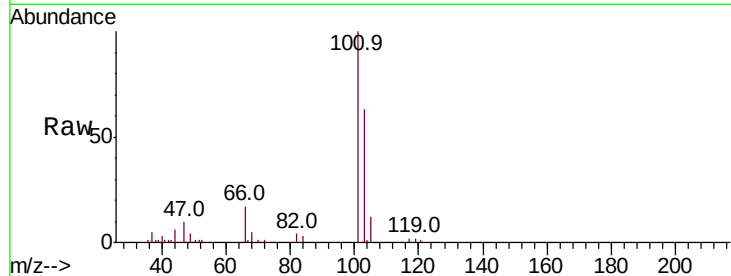
Trichlorofluoromethane
Concen: 42.383 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

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VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	33319		
103	63.2	51.3	76.9	

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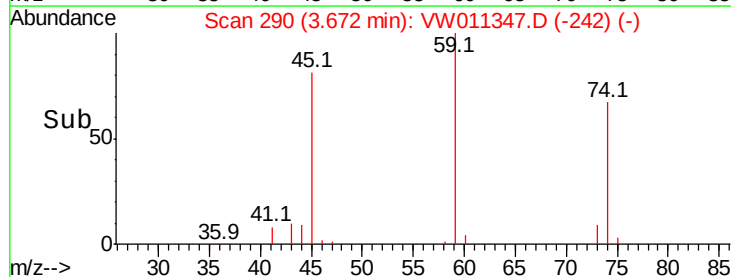
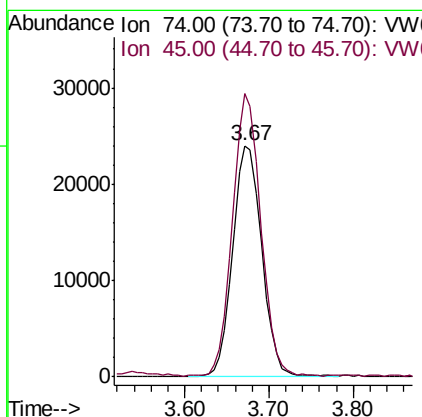
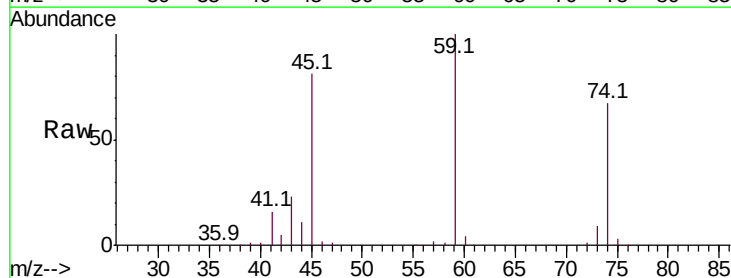
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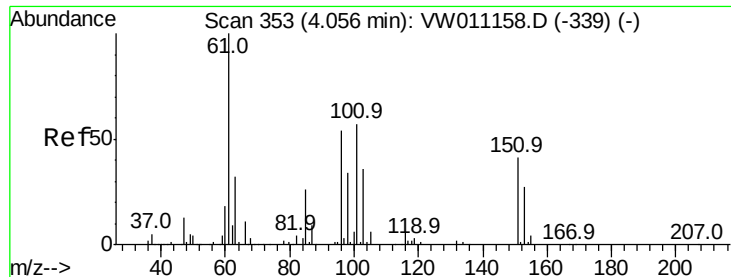


#8

Diethyl Ether
Concen: 51.482 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	55999		
45	119.1	59.9	179.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.847 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Instrument :

MSVOA_W

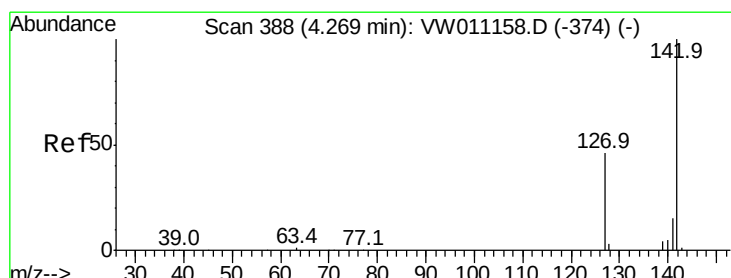
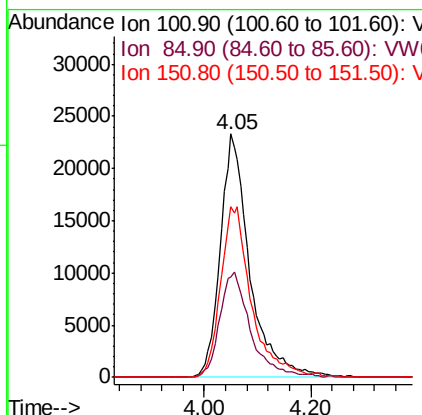
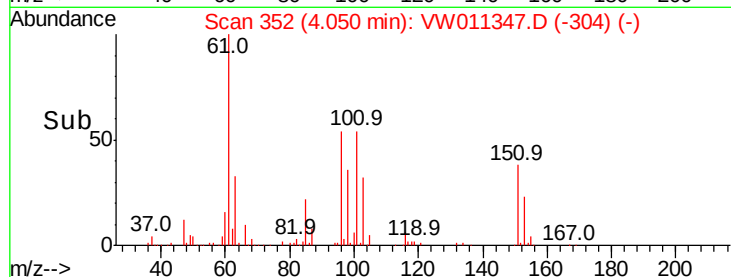
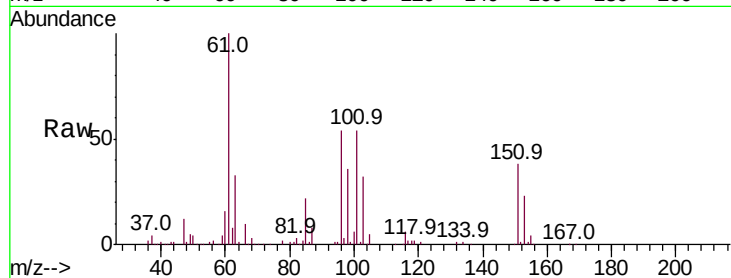
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	90098
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.5	54.7
151	72.7	59.1	88.7

Manual Integrations
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#10

Methyl Iodide

Concen: 50.052 ug/l

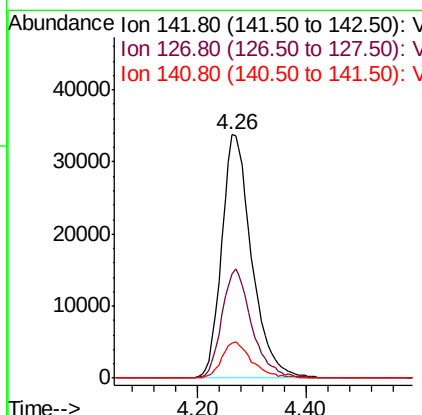
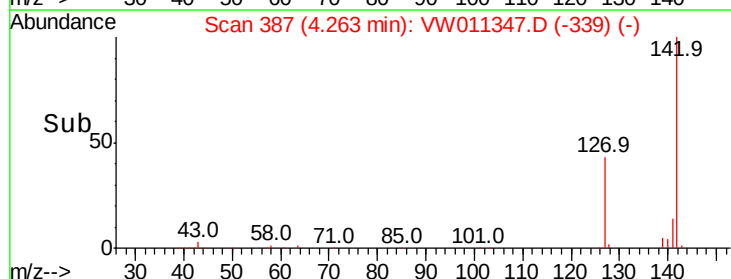
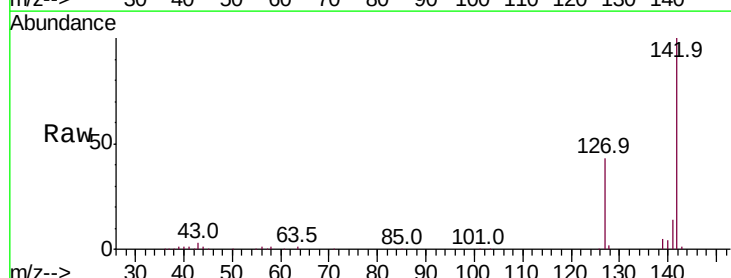
RT: 4.26 min Scan# 387

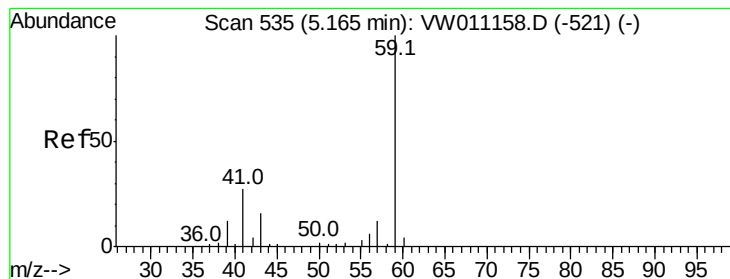
Delta R.T. -0.01 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Tgt Ion:	142	Resp:	129629
Ion Ratio	Lower	Upper	
142	100		
127	44.7	35.7	53.5
141	14.9	11.5	17.3





#11

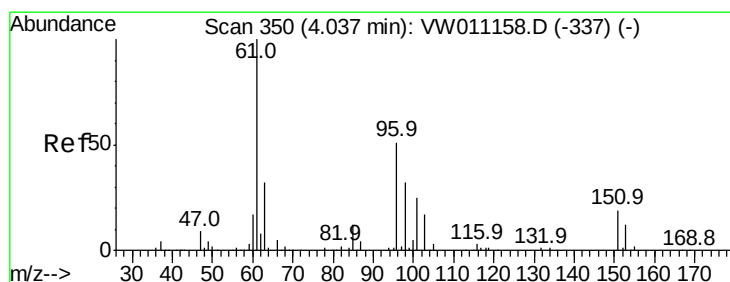
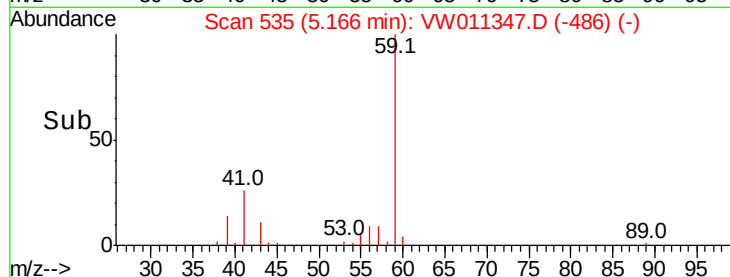
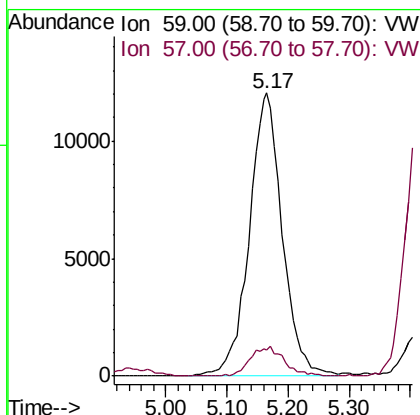
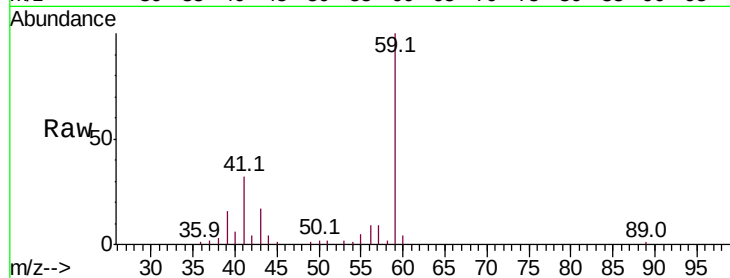
Tert butyl alcohol
 Concen: 277.054 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VW011347.D
 Acq: 18 Jul 2019 21:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	9.0	13.6

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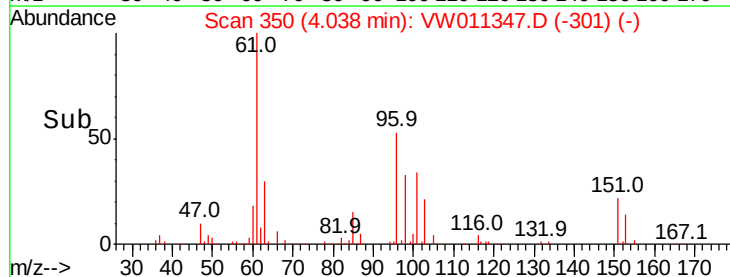
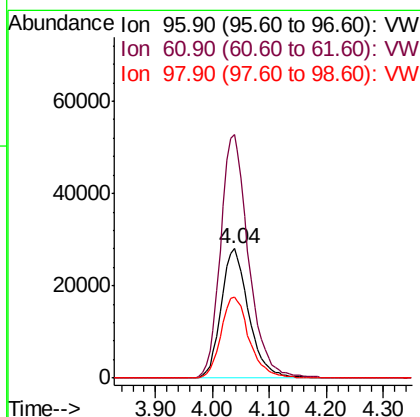
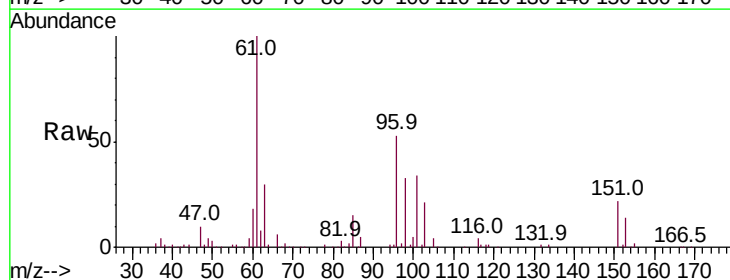
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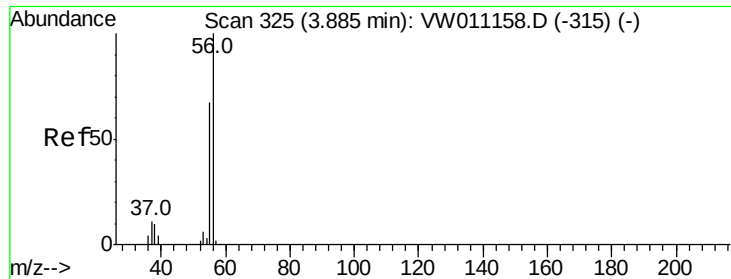


#12

1,1-Dichloroethene
 Concen: 48.633 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011347.D
 Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	188.1	157.7	236.5
98	63.0	50.9	76.3





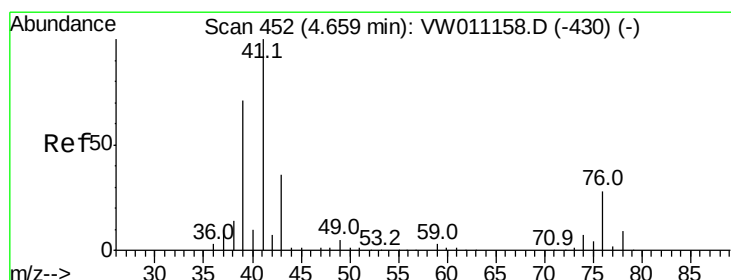
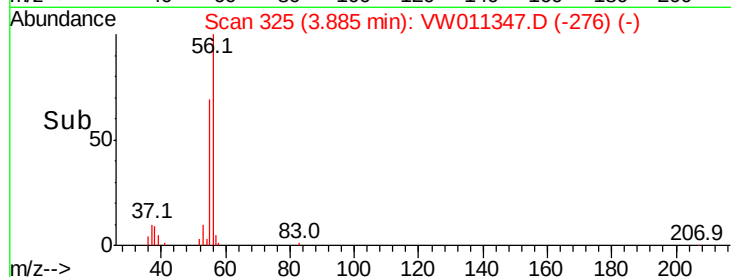
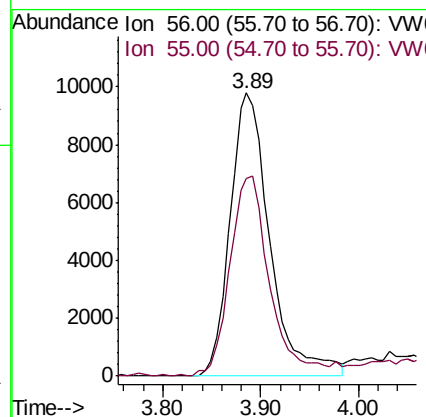
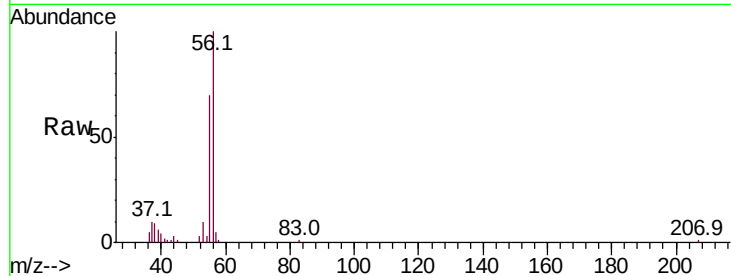
#13
Acrolein
Concen: 212.180 ug/l
RT: 3.89 min Scan# 325
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	27653
Ion Ratio	100	Lower	Upper
55	70.6	56.4	84.6

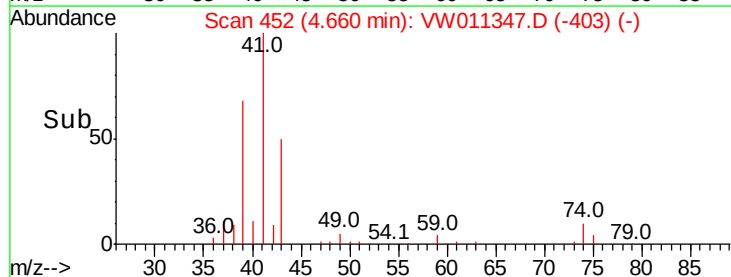
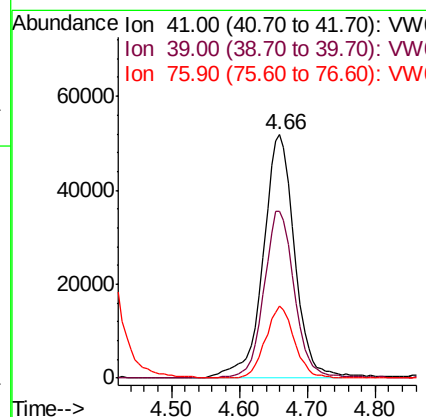
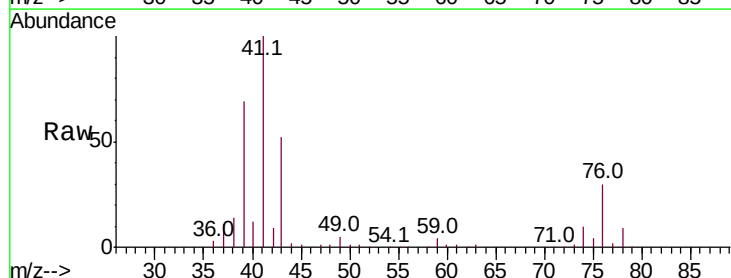
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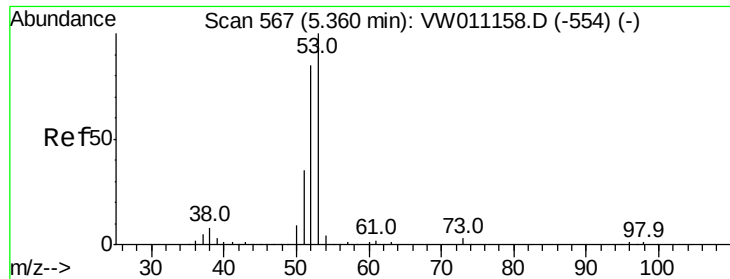
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#14
Allyl chloride
Concen: 46.480 ug/l
RT: 4.66 min Scan# 452
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion	41	Resp	165653
Ion Ratio	100	Lower	Upper
39	66.9	55.1	82.7
76	27.2	22.5	33.7





#15

Acrylonitrile

Concen: 276.556 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Instrument :

MSVOA_W

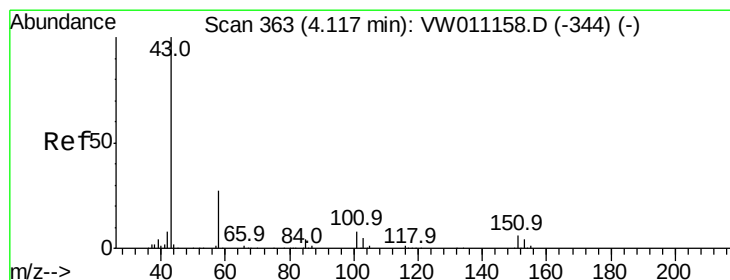
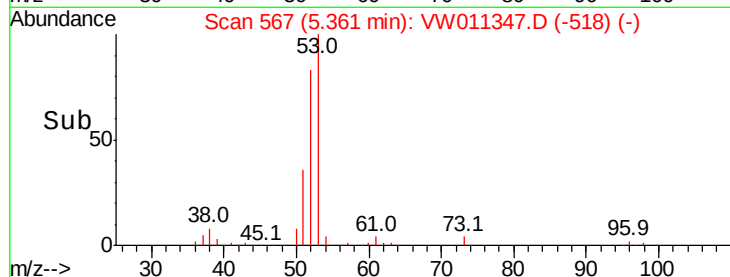
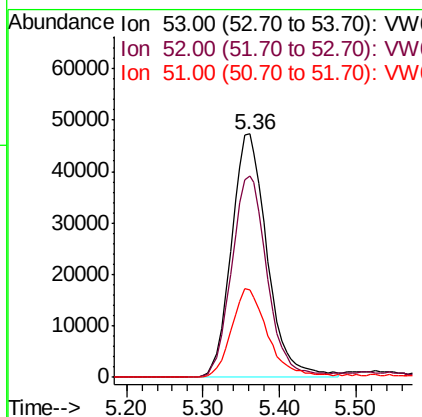
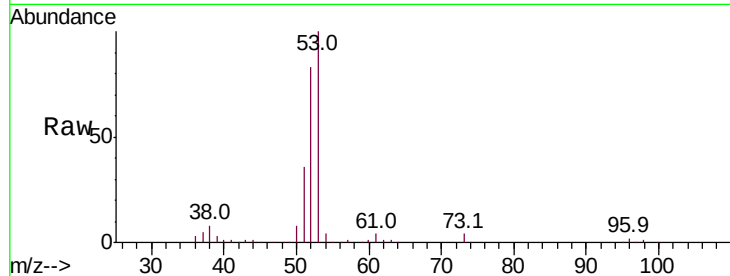
ClientSampleId :

VSTDCCC050

Tot Ion	53	Resp	153205
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.2	99.4
51	37.1	29.1	43.7

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#16

Acetone

Concen: 286.446 ug/l

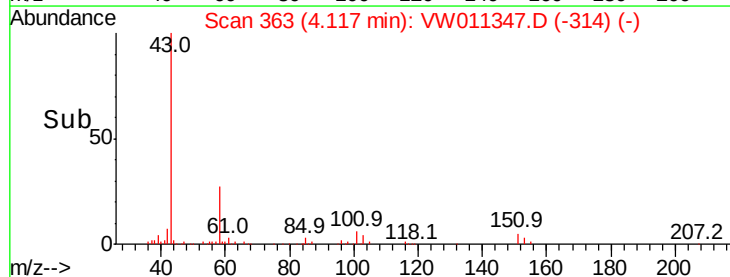
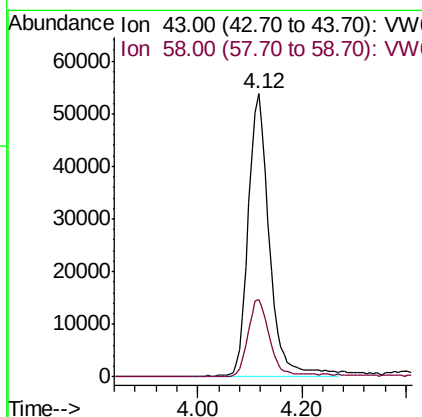
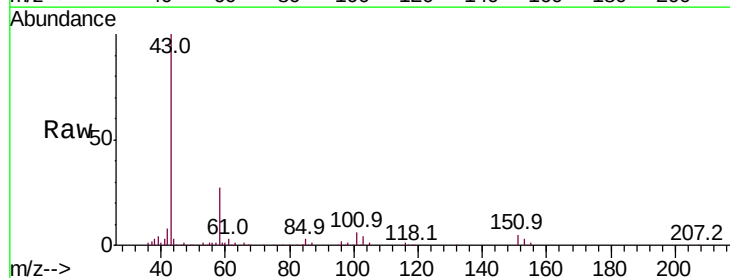
RT: 4.12 min Scan# 363

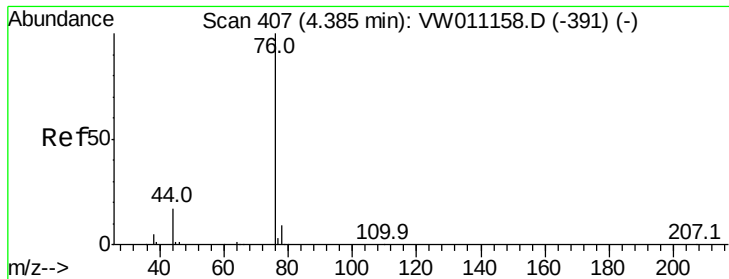
Delta R.T. 0.00 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Tgt Ion	43	Resp	152362
Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.8	32.6





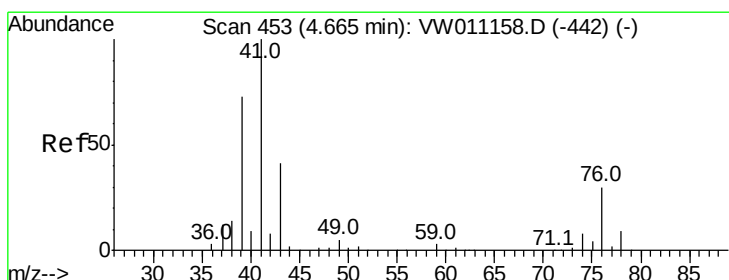
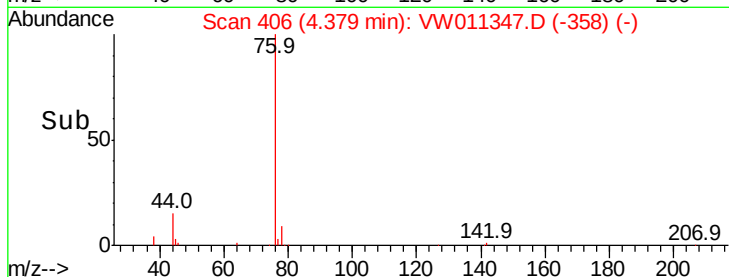
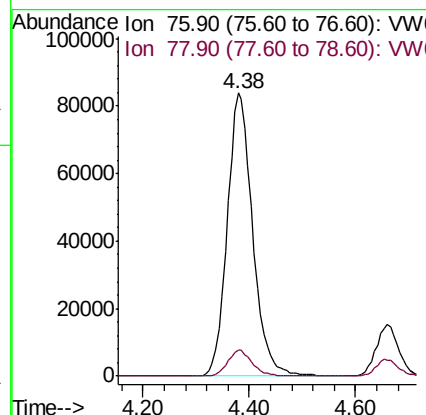
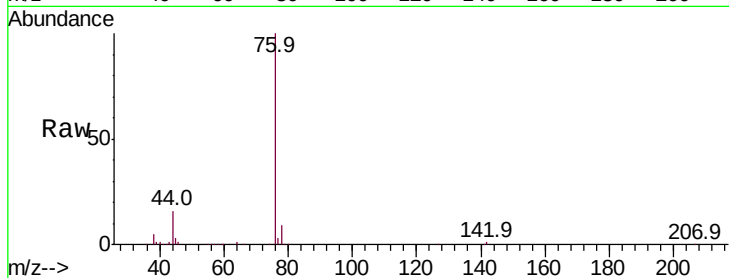
#17
Carbon Disulfide
Concen: 47.183 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

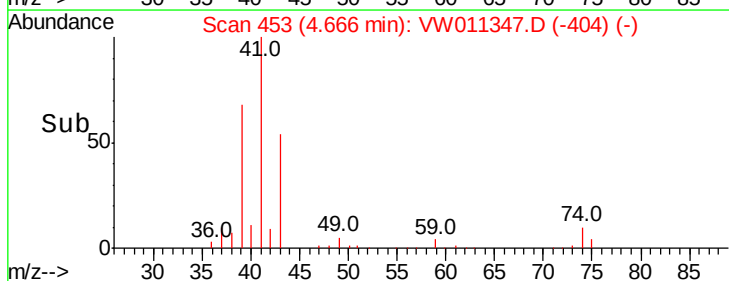
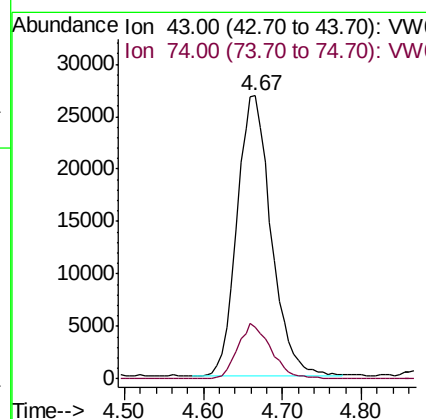
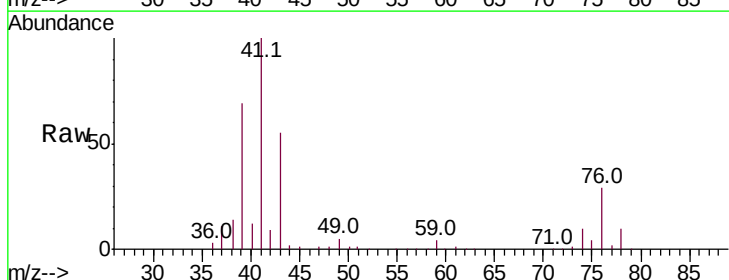
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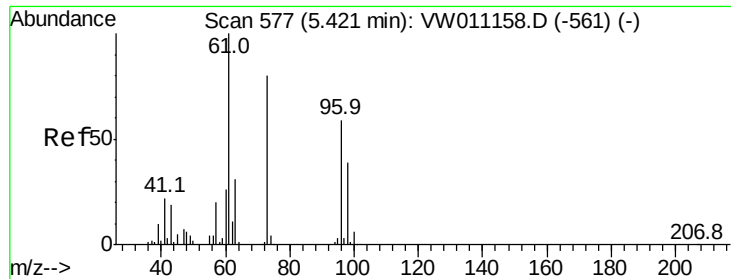
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#18
Methyl Acetate
Concen: 53.648 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.3	15.7	23.5





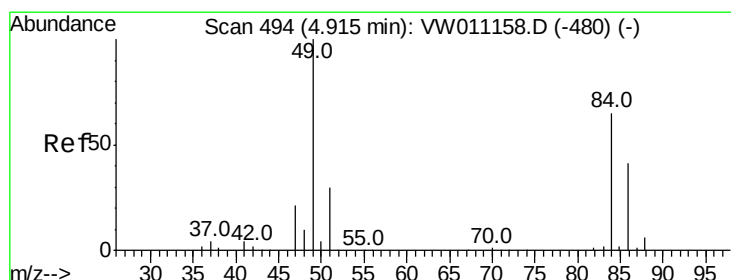
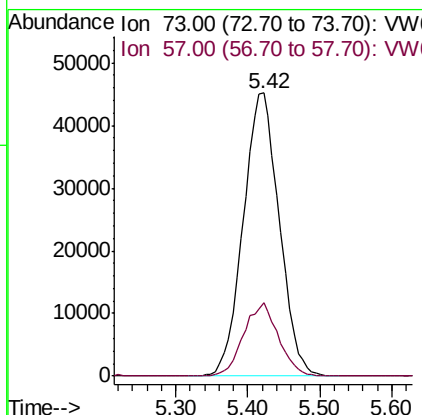
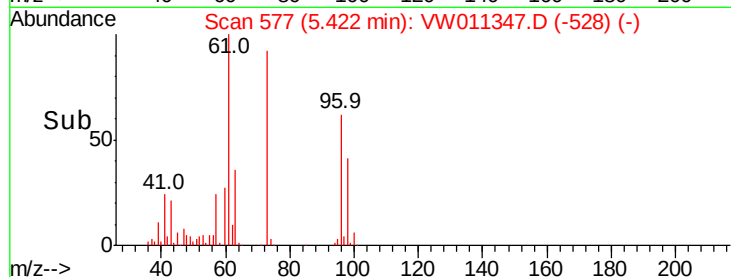
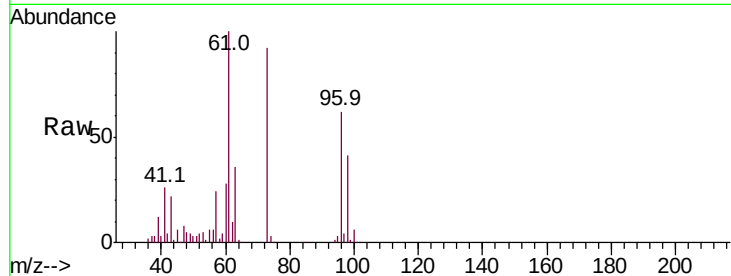
#19
Methyl tert-butyl Ether
Concen: 52.867 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 156776
Ion Ratio Lower Upper
73 100
57 26.1 19.7 29.5

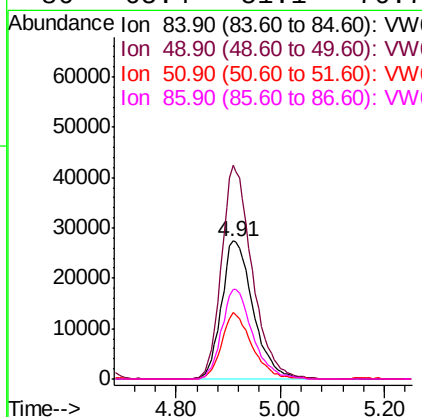
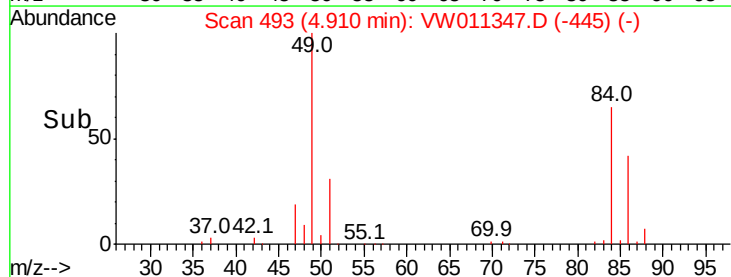
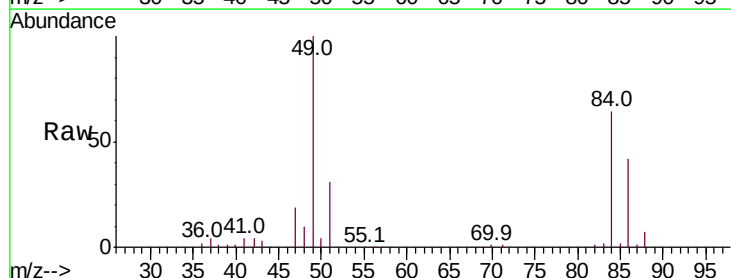
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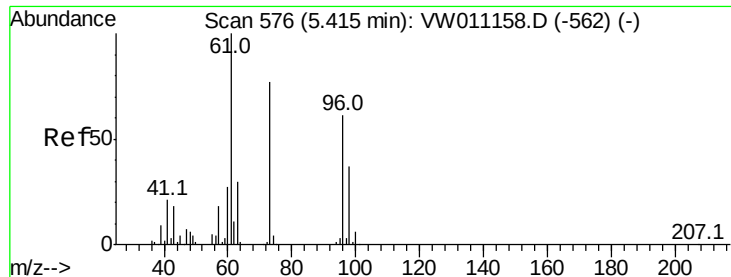
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#20
Methylene Chloride
Concen: 55.379 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion: 84 Resp: 116203
Ion Ratio Lower Upper
84 100
49 155.1 123.8 185.6
51 48.4 37.4 56.2
86 65.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 49.947 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 101433

Ion Ratio Lower Upper

96 100

61 168.4 132.2 198.2

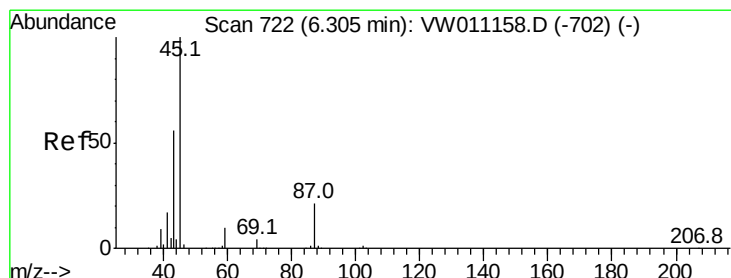
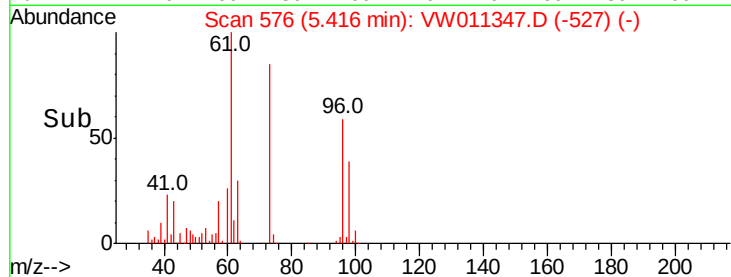
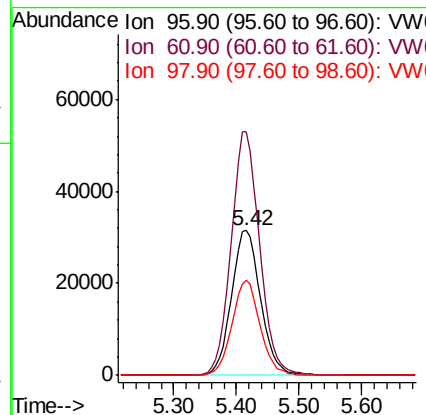
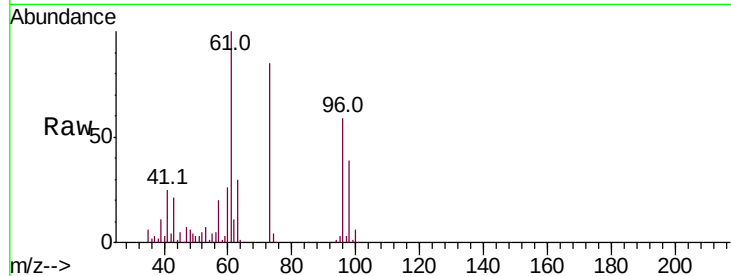
98 65.5 49.4 74.0

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#22

Diisopropyl ether

Concen: 52.051 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Tgt Ion: 45 Resp: 398997

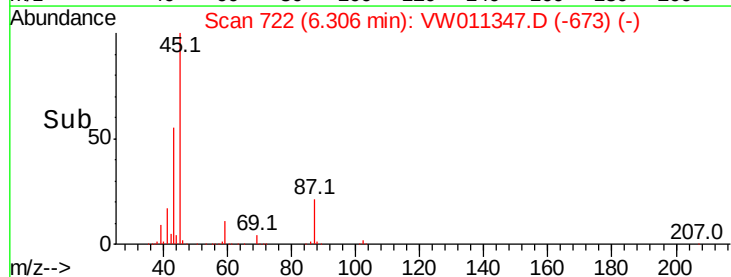
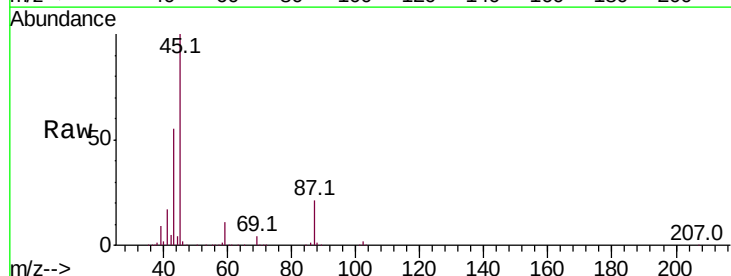
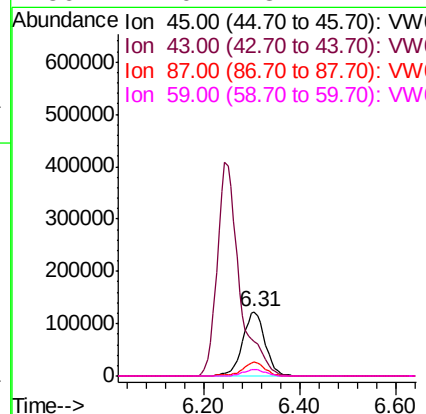
Ion Ratio Lower Upper

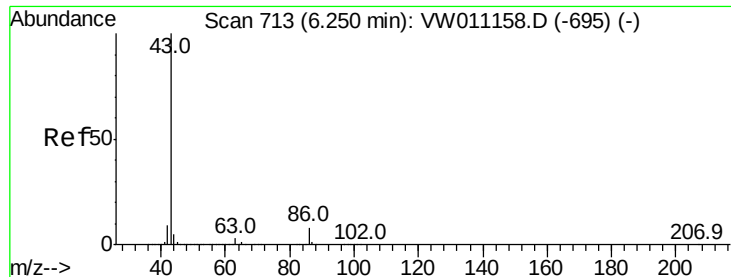
45 100

43 54.8 44.6 66.8

87 21.3 17.3 25.9

59 11.0 8.2 12.2





#23

Vinyl Acetate

Concen: 276.803 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1313126

Ion Ratio Lower Upper

43 100

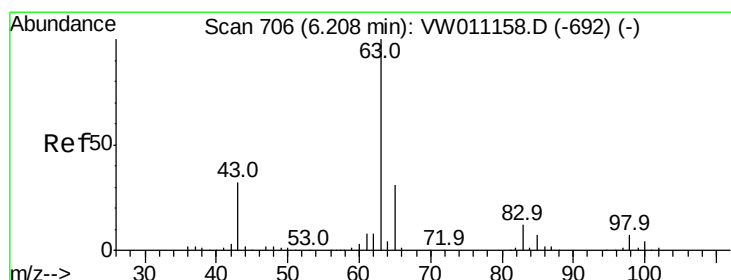
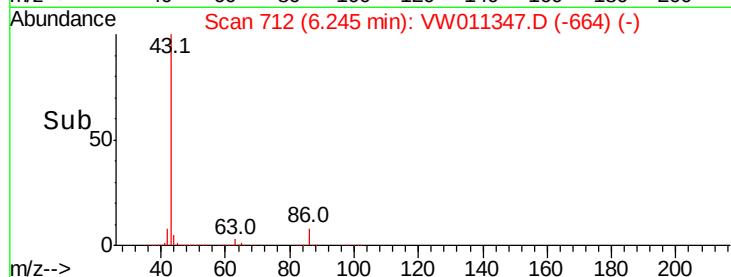
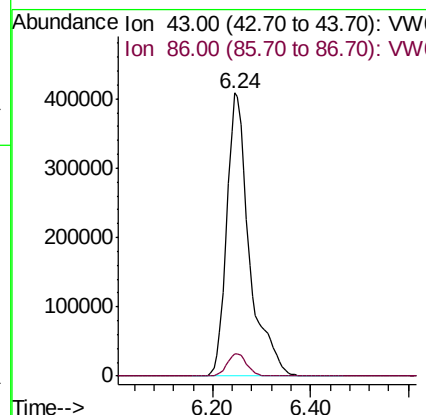
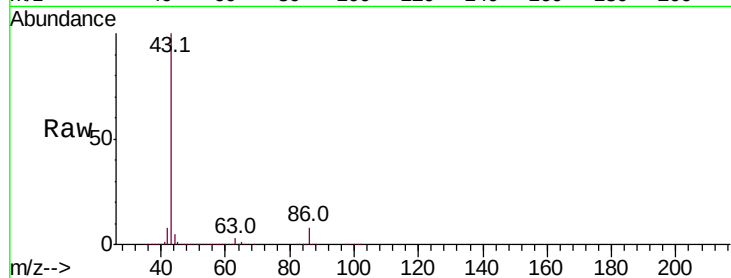
86 8.0 6.5 9.7

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#24

1,1-Dichloroethane

Concen: 51.376 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

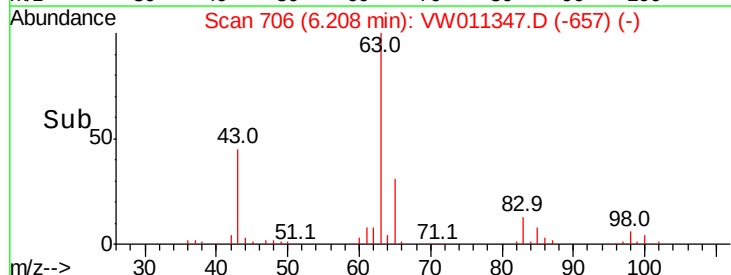
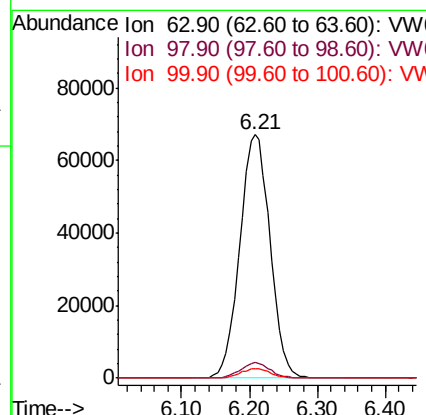
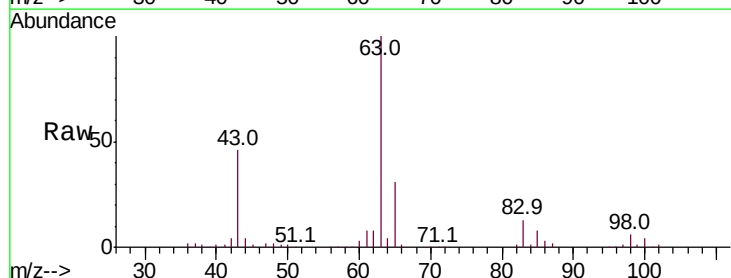
Tgt Ion: 63 Resp: 206799

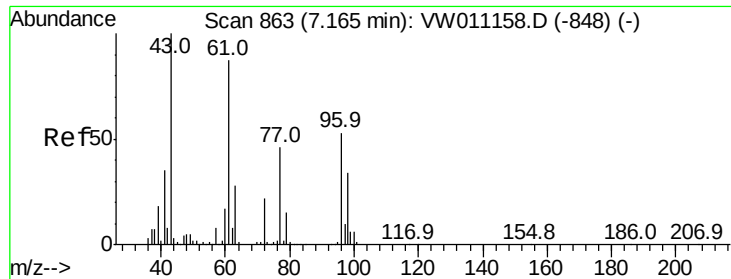
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

100 3.7 2.1 6.2





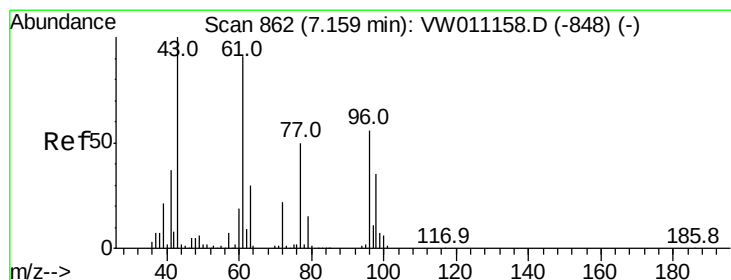
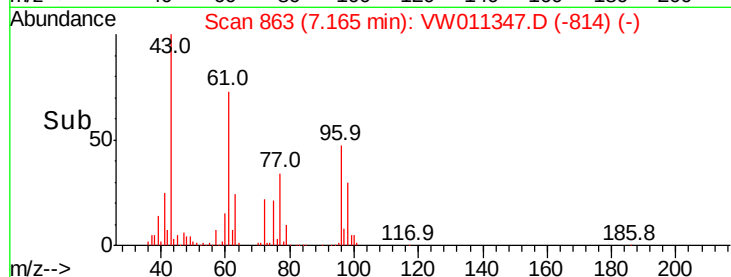
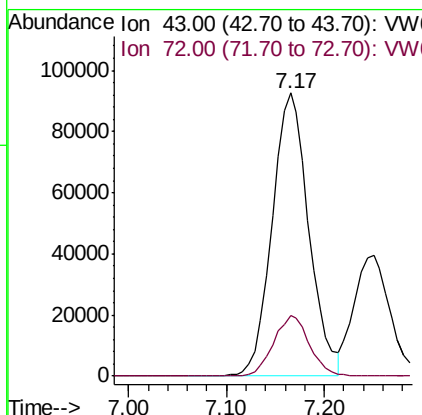
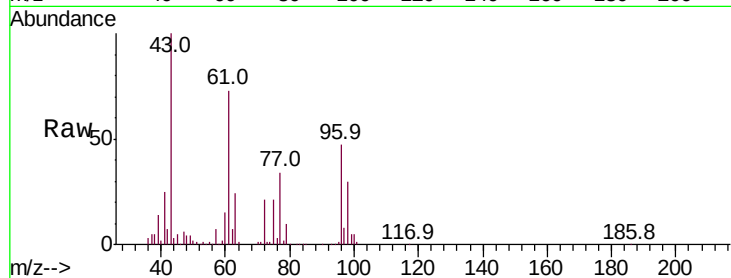
#25
2-Butanone
Concen: 289.032 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 241327
Ion Ratio Lower Upper
43 100
72 21.5 17.6 26.4

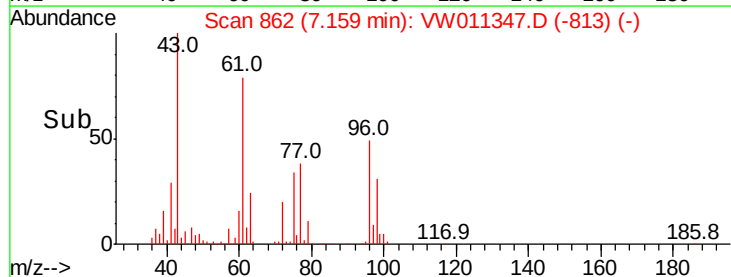
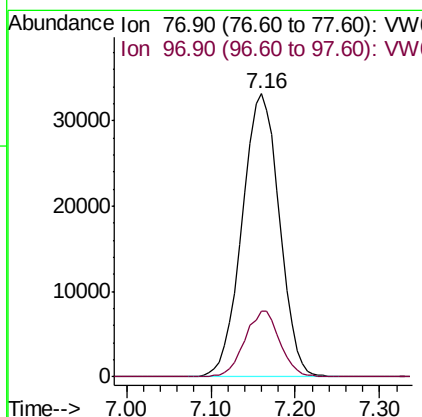
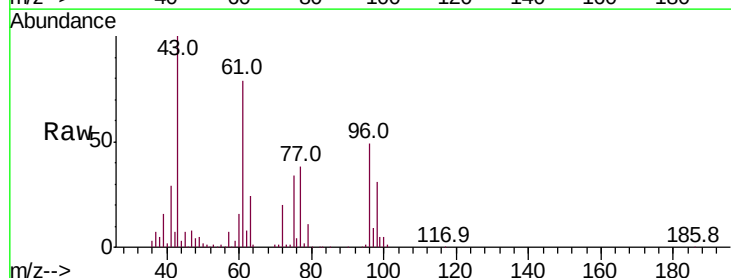
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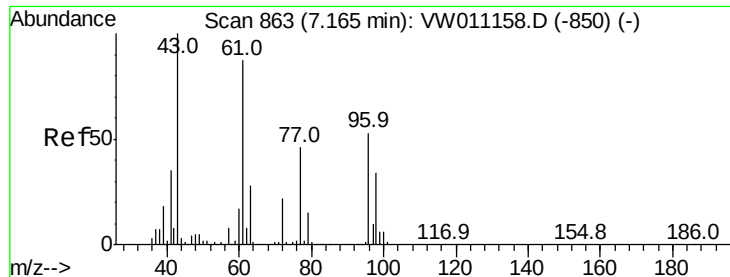
MMDadoda
7/19/2019 9:54:03 AM



#26
2,2-Dichloropropane
Concen: 47.634 ug/l
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion: 77 Resp: 99668
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.5





#27

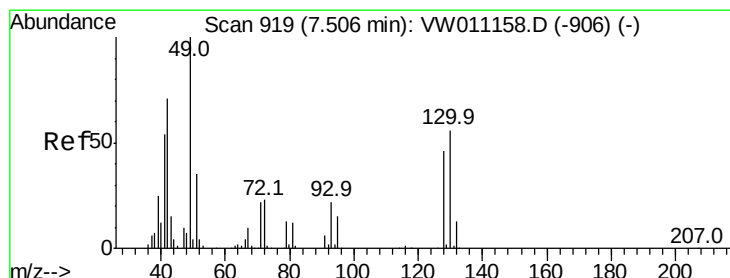
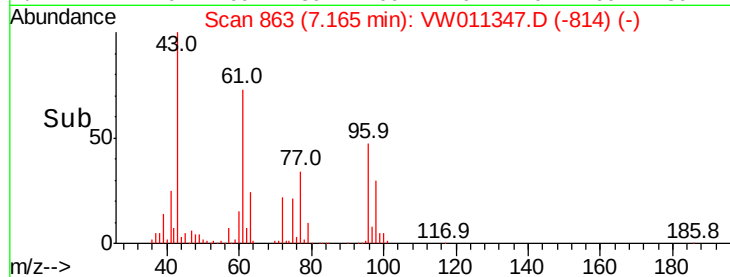
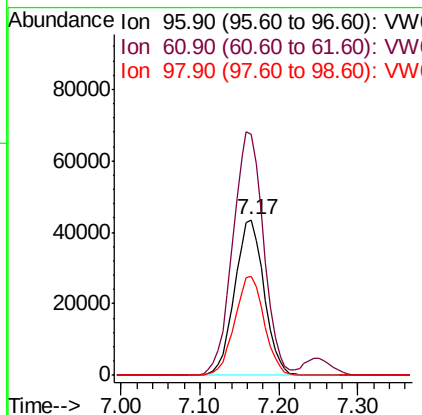
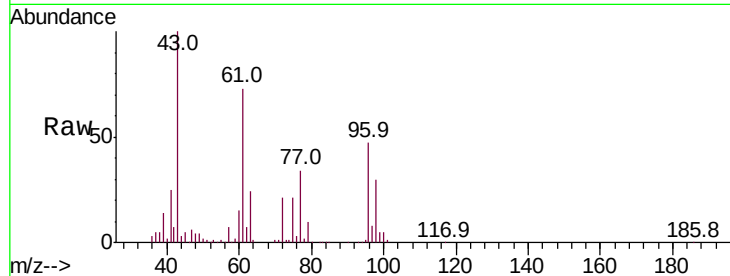
cis-1,2-Dichloroethene
Concen: 51.645 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	113138		
61	163.3	0.0	325.6	
98	63.6	0.0	128.2	

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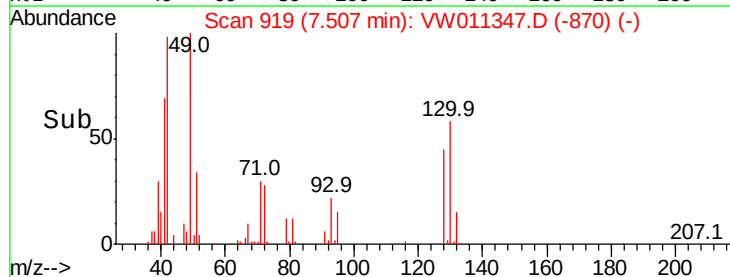
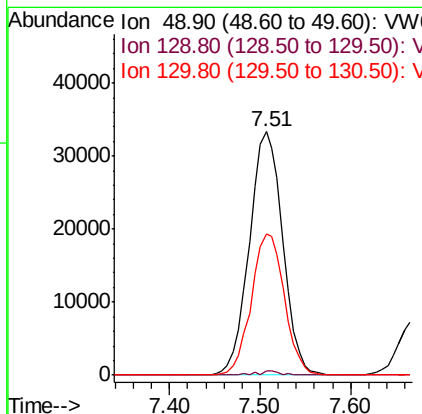
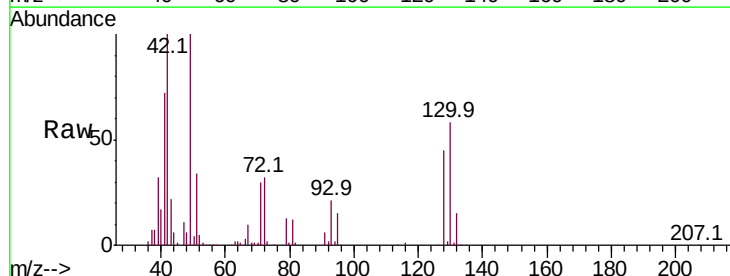
MMDadoda
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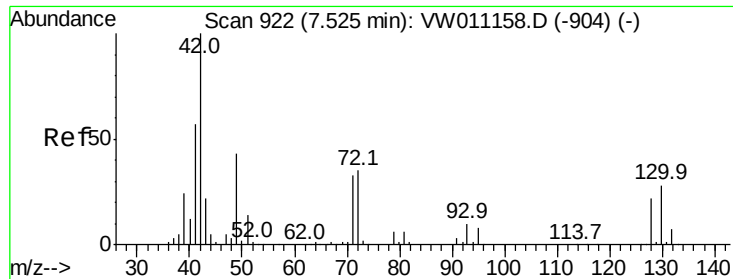


#28

Bromochloromethane
Concen: 46.285 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	84714		
129	1.1	0.0	1.4	
130	57.3	45.8	68.8	





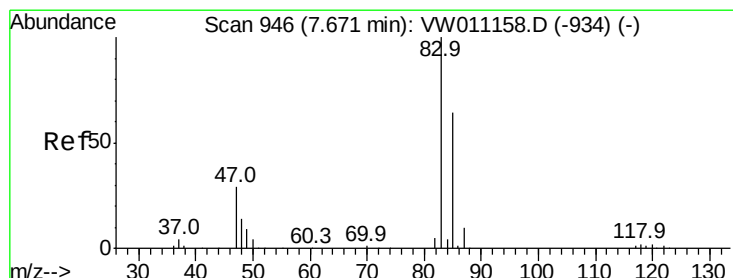
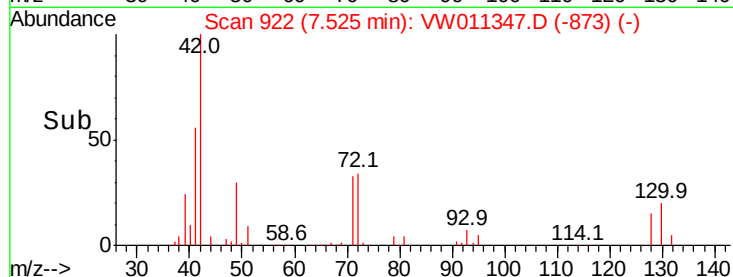
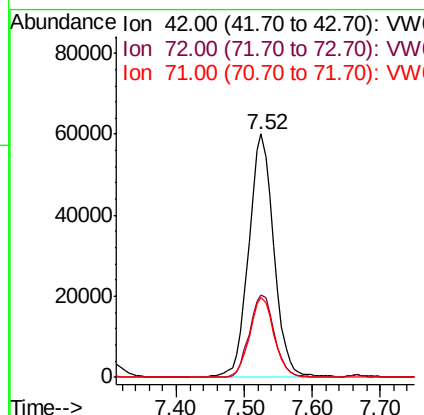
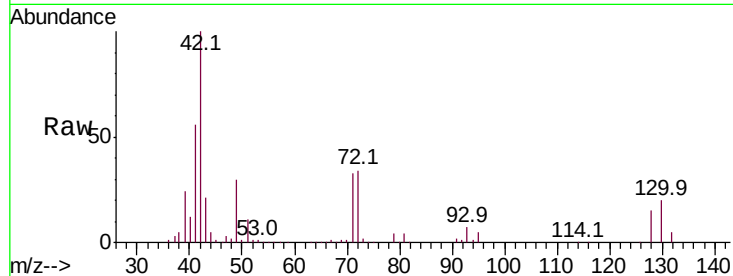
#29
Tetrahydrofuran
Concen: 280.698 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.0	27.4	41.2
71	32.2	25.9	38.9

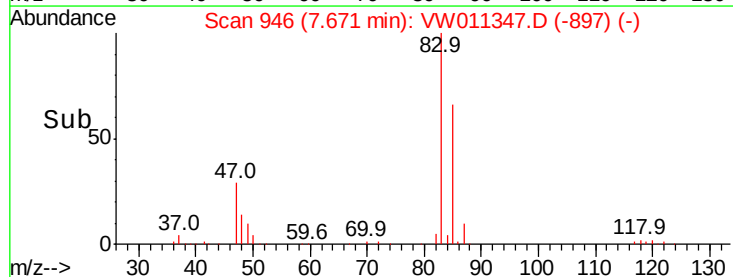
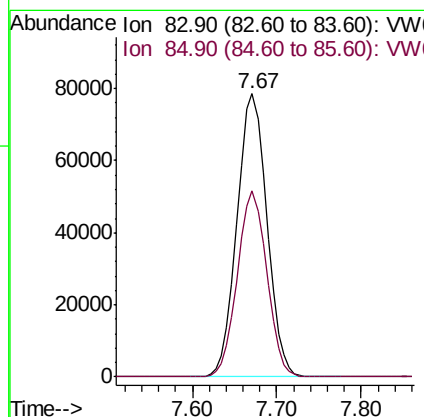
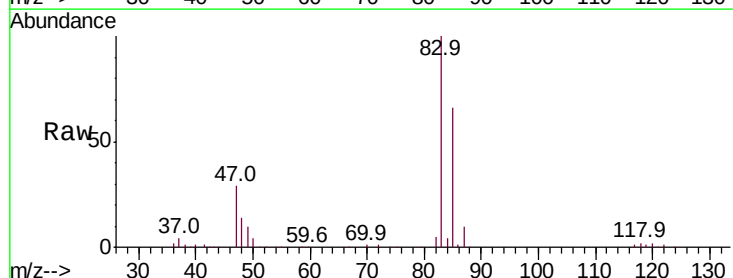
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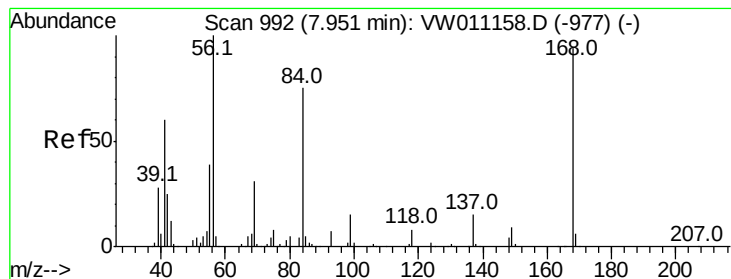
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#30
Chloroform
Concen: 50.572 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.4	77.2





#31

Cyclohexane

Concen: 45.279 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Instrument :

MSVOA_W

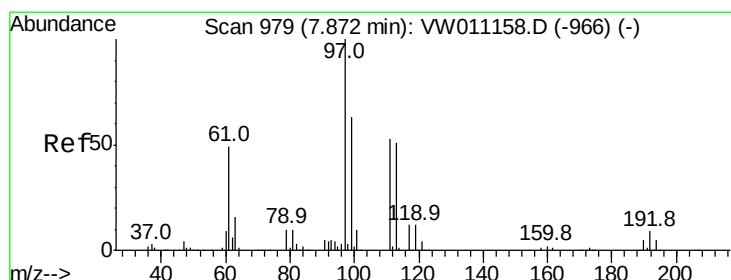
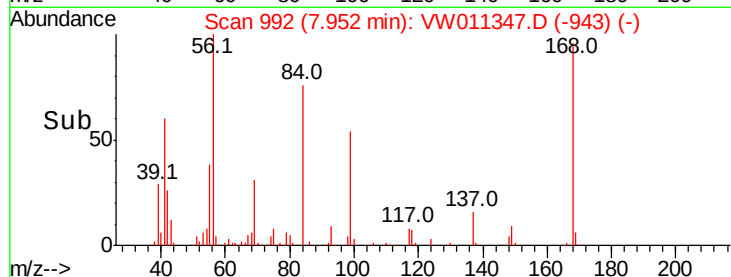
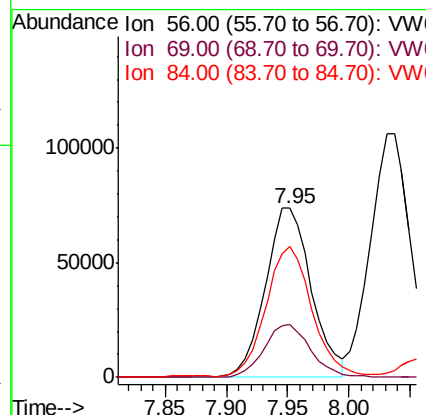
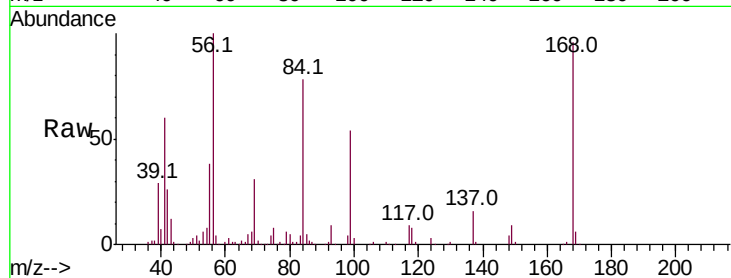
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	193897
Ion Ratio	Lower	Upper	
56	100		
69	30.9	24.6	36.8
84	76.5	60.1	90.1

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#32

1,1,1-Trichloroethane

Concen: 48.806 ug/l

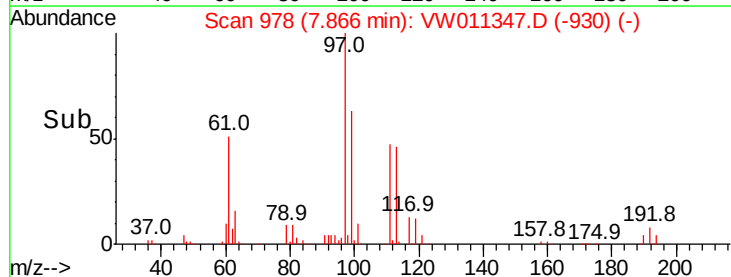
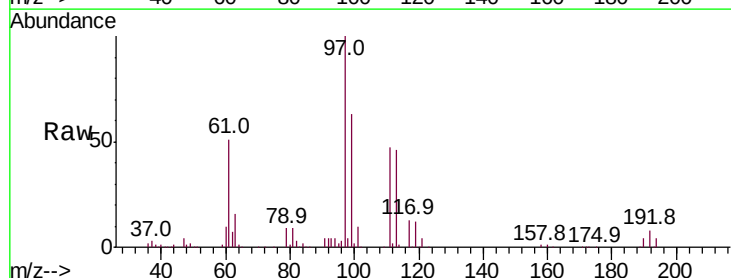
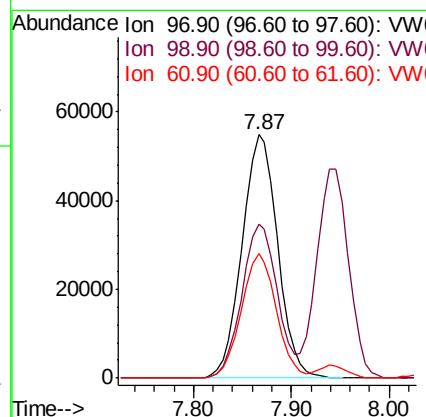
RT: 7.87 min Scan# 978

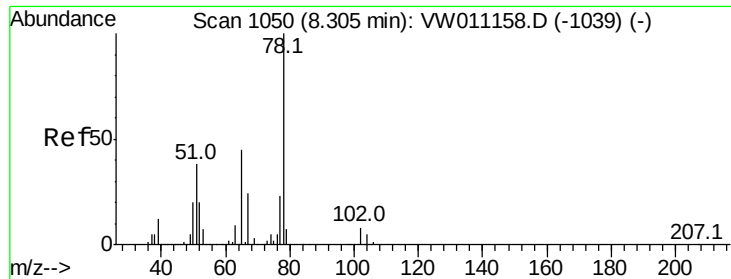
Delta R.T. -0.01 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Tgt Ion:	97	Resp:	138398
Ion Ratio	Lower	Upper	
97	100		
99	63.0	51.0	76.4
61	50.5	40.4	60.6





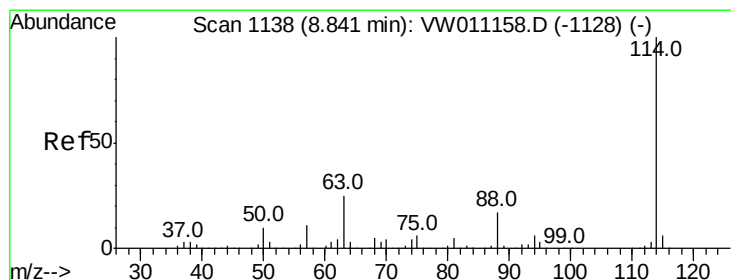
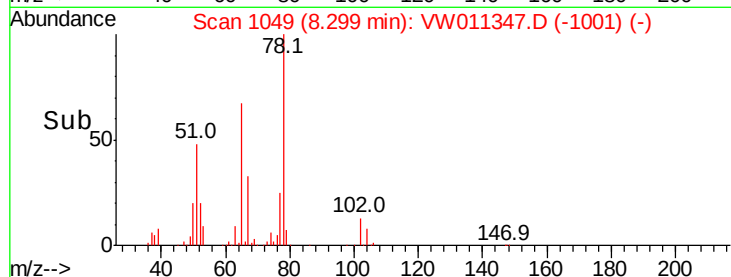
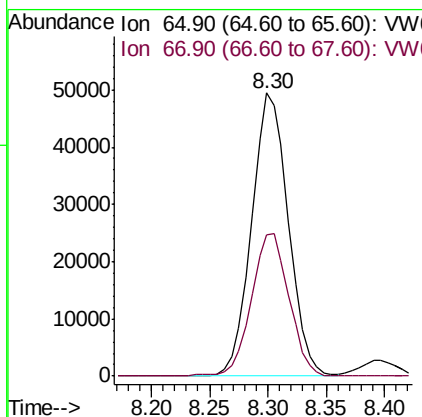
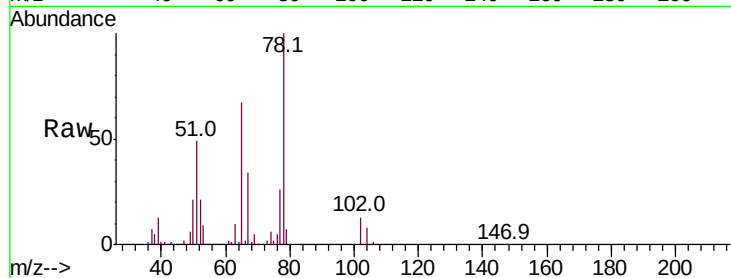
#33
 1,2-Dichloroethane-d4
 Concen: 48.875 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011347.D
 Acq: 18 Jul 2019 21:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.4

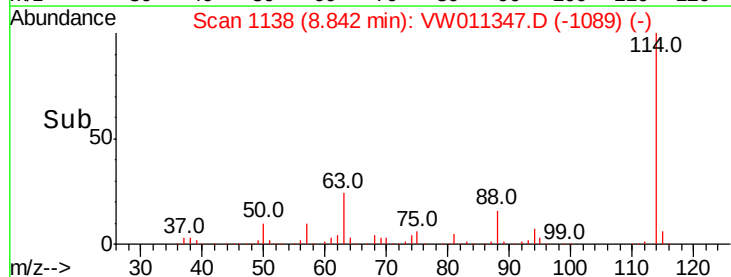
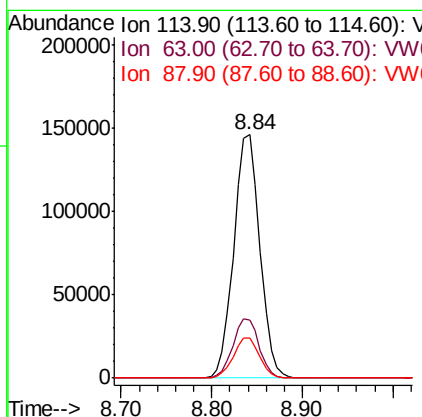
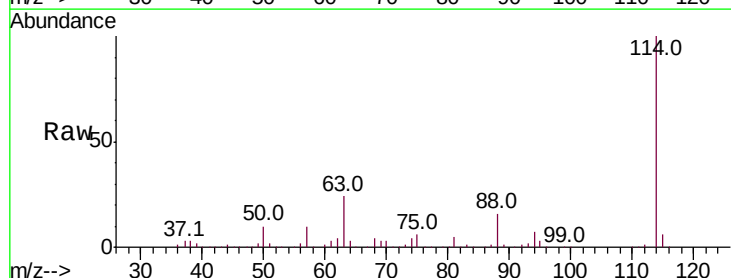
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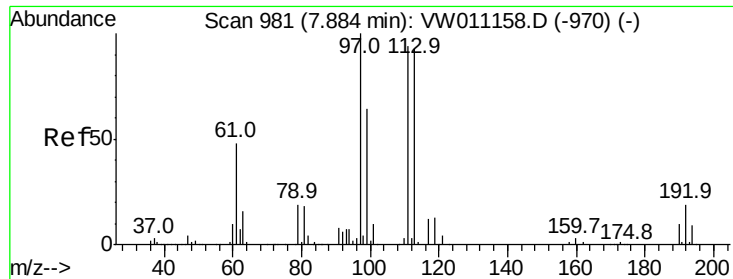
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011347.D
 Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	50.8
88	16.5	0.0	34.2





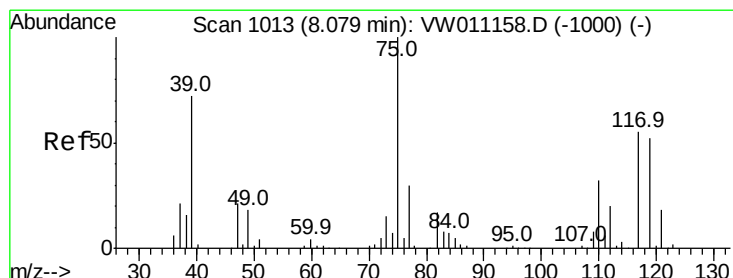
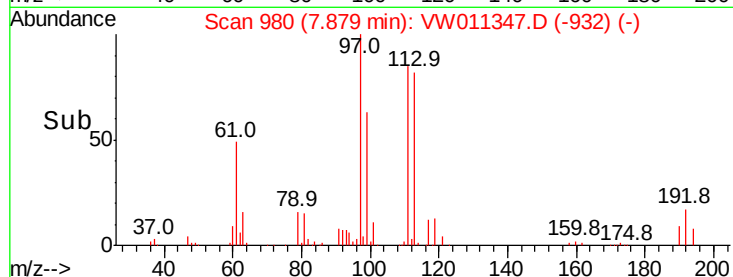
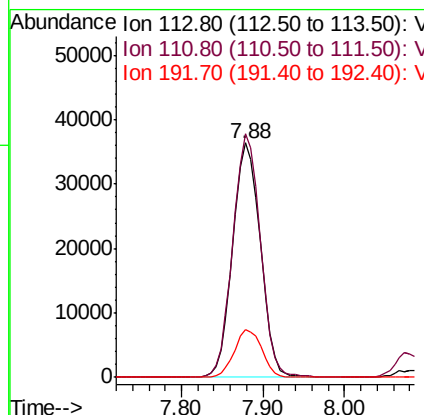
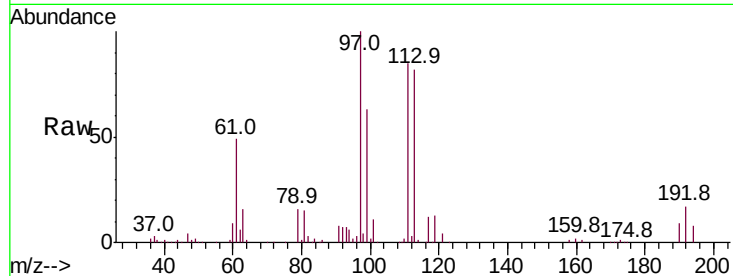
#35
 Dibromofluoromethane
 Concen: 49.150 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011347.D
 Acq: 18 Jul 2019 21:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.4	123.6
192	20.3	15.8	23.8

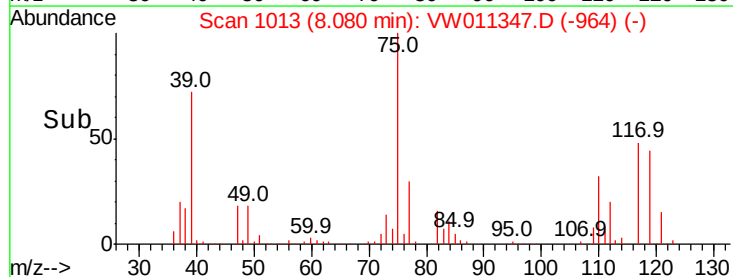
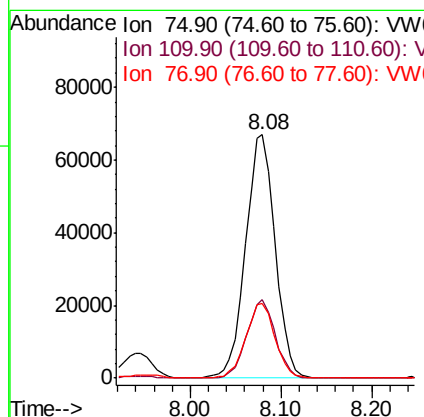
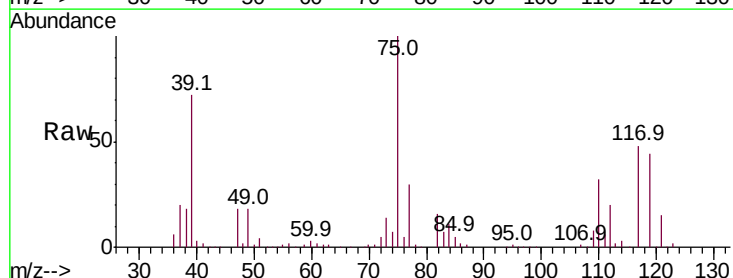
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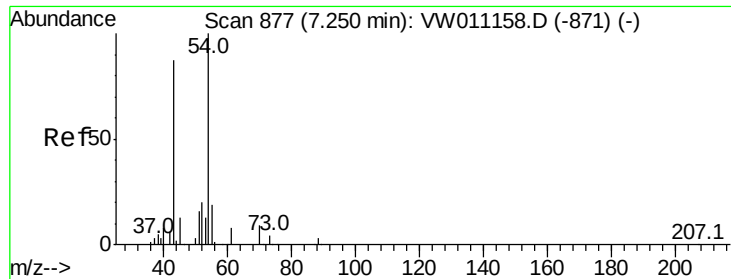
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#36
 1,1-Dichloropropene
 Concen: 48.448 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW011347.D
 Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.3	15.9	47.6
77	30.9	24.6	36.8





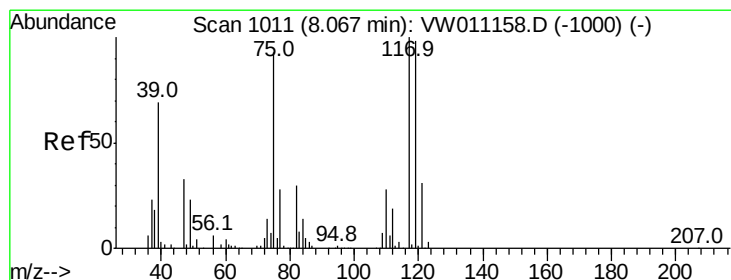
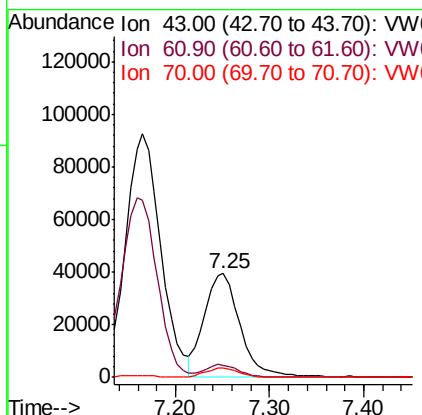
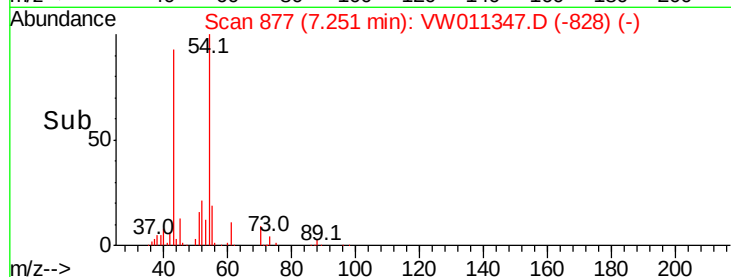
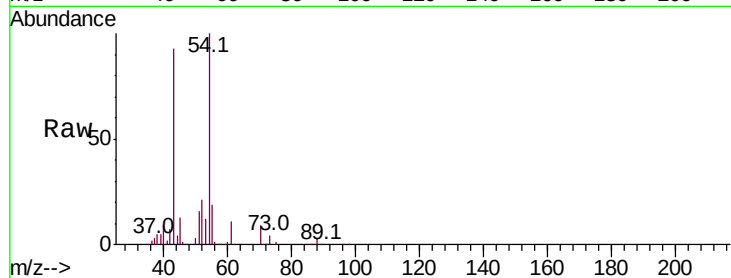
#37
Ethyl Acetate
Concen: 55.138 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	11.5	9.5	14.3	
70	8.6	7.1	10.7	

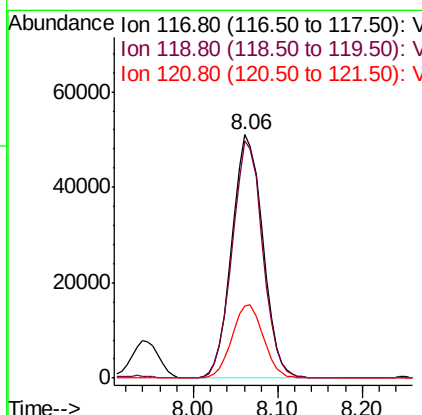
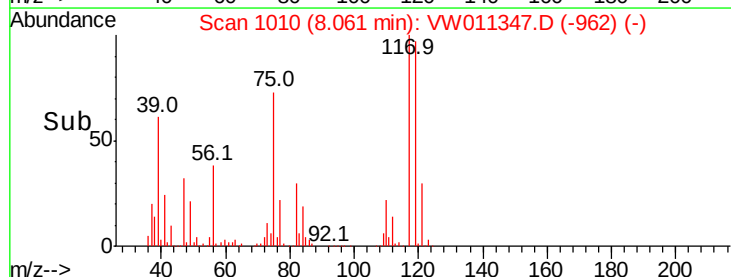
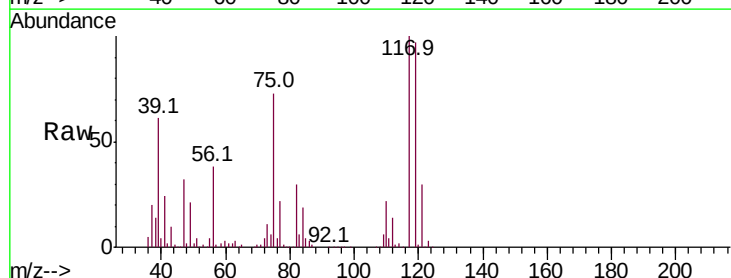
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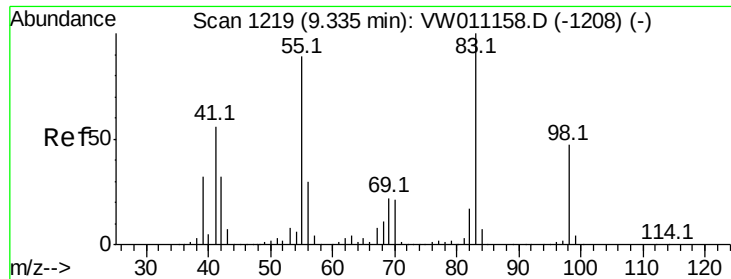
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#38
Carbon Tetrachloride
Concen: 48.280 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	78.1	117.1	
121	29.7	25.1	37.7	





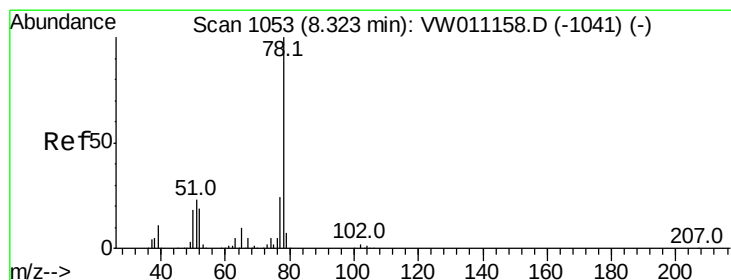
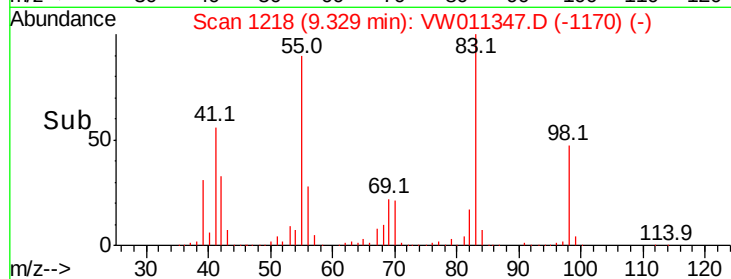
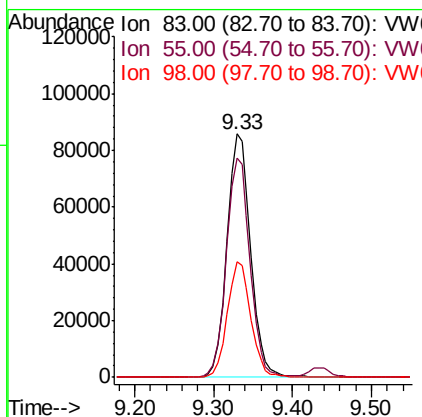
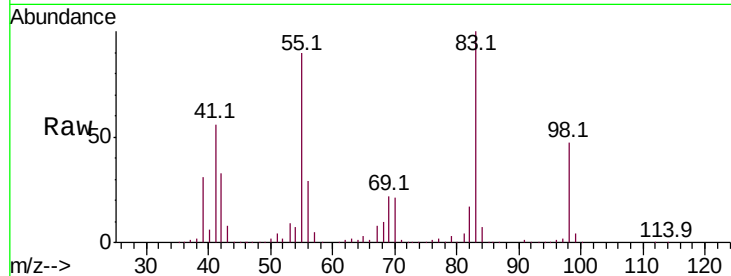
#39
Methylvlcyclohexane
Concen: 47.564 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	178924		
55	89.9	71.2	106.8	
98	47.4	37.5	56.3	

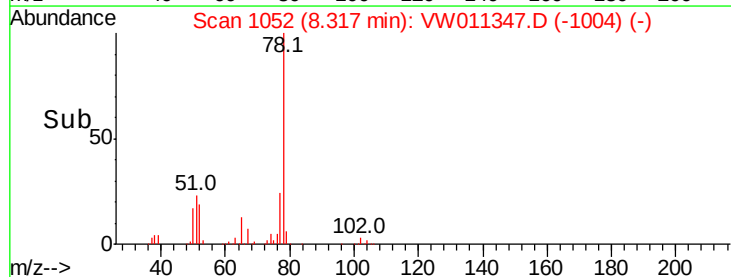
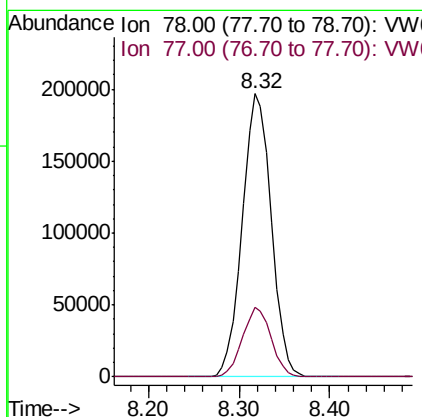
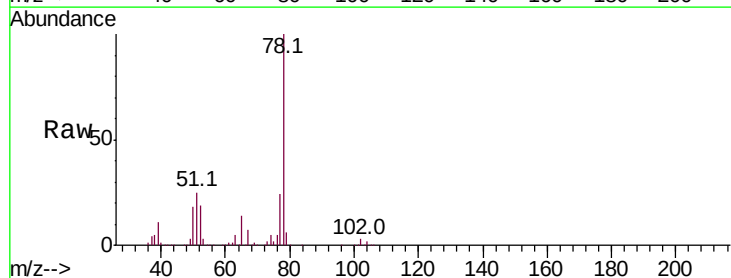
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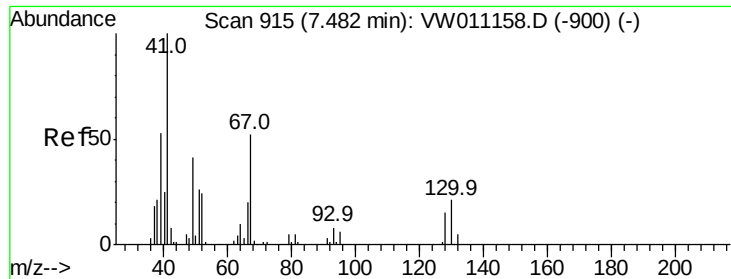
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#40
Benzene
Concen: 50.716 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	435000		
77	24.4	19.0	28.6	





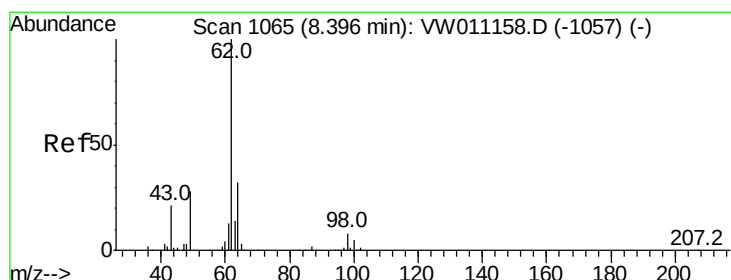
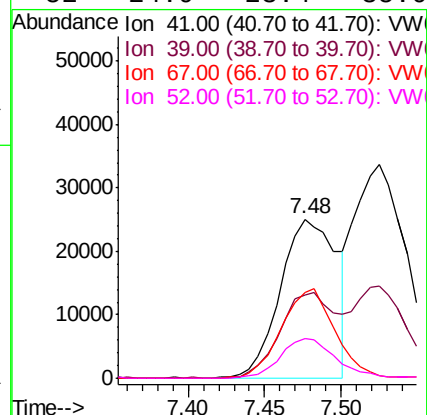
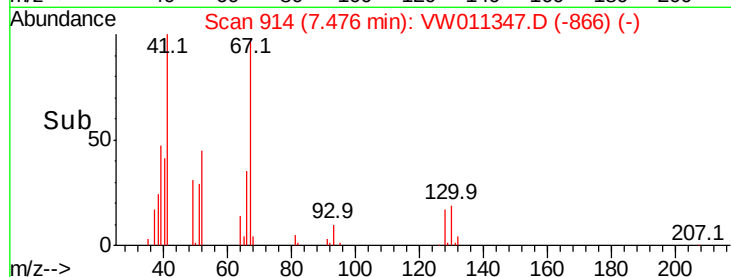
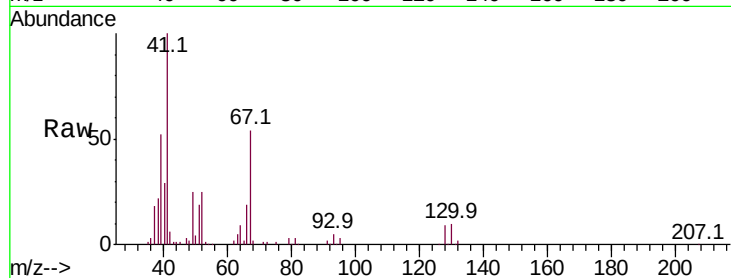
#41
Methacrylonitrile
Concen: 60.206 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.7	48.0	72.0	
67	54.3	49.7	74.5	
52	24.9	23.4	35.0	

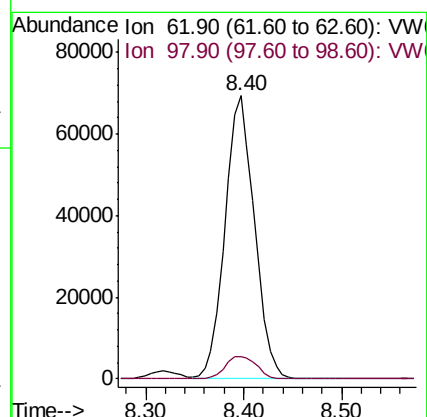
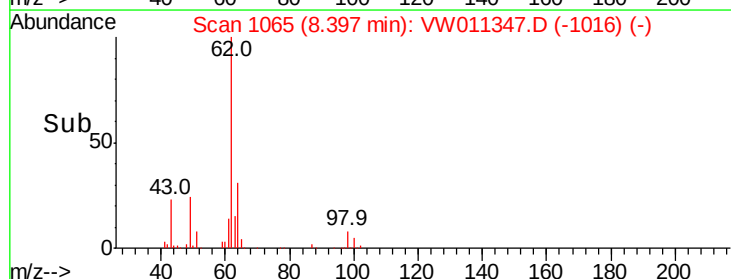
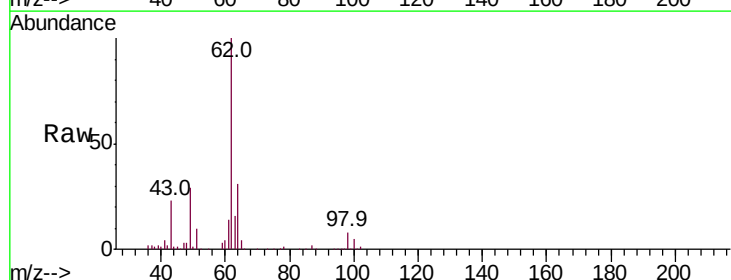
Manual Integrations
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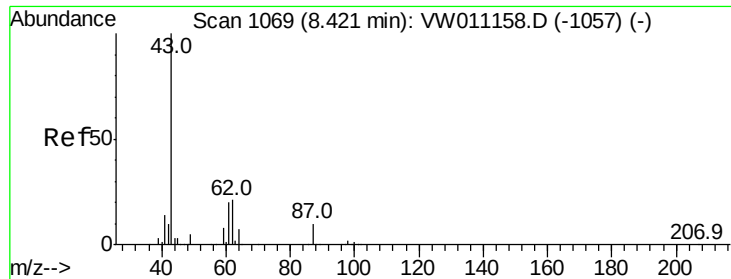
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#42
1,2-Dichloroethane
Concen: 52.010 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	16.8	





#43

Isopropyl Acetate

Concen: 54.149 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Instrument :

MSVOA_W

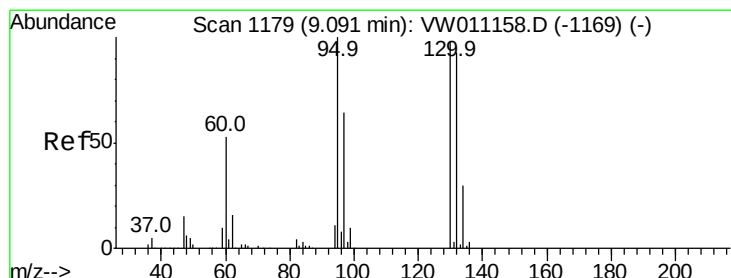
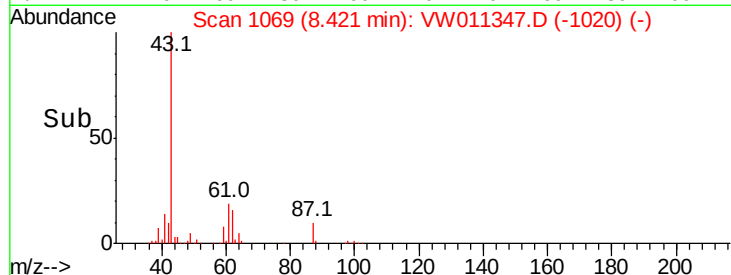
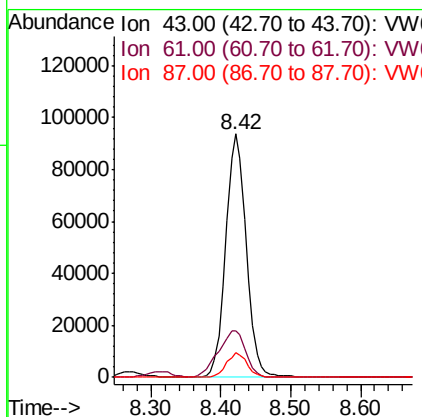
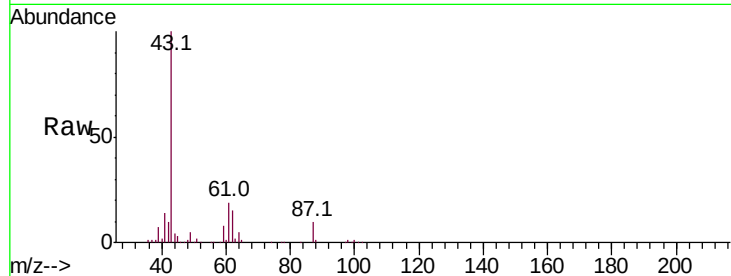
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	190636
Ion	Ratio	Lower	Upper
43	100		
61	25.9	20.7	31.1
87	10.3	8.1	12.1

Manual Integrations
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#44

Trichloroethene

Concen: 49.408 ug/l

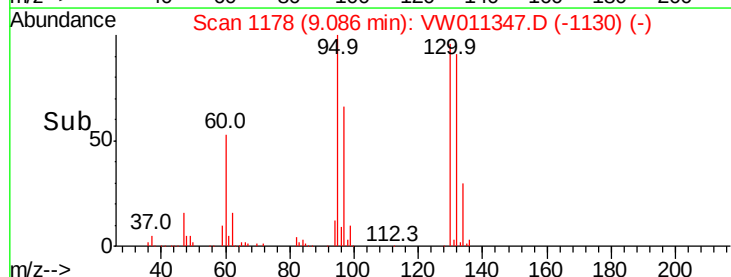
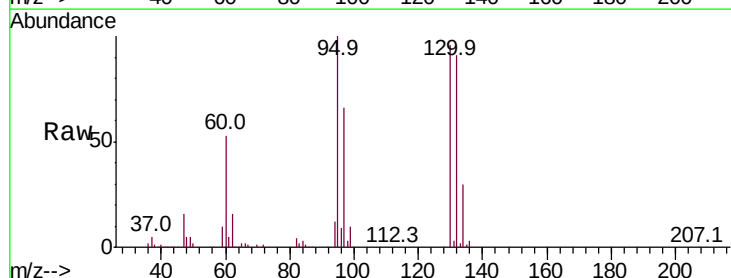
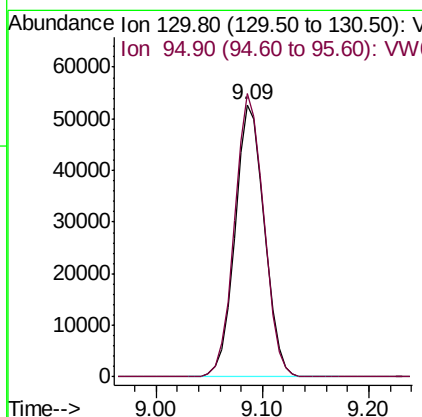
RT: 9.09 min Scan# 1178

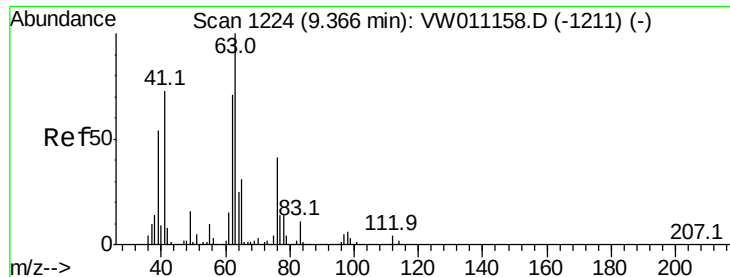
Delta R.T. -0.01 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Tgt Ion:	130	Resp:	101979
Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	203.6





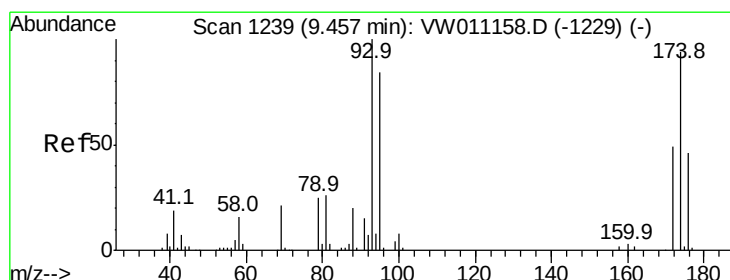
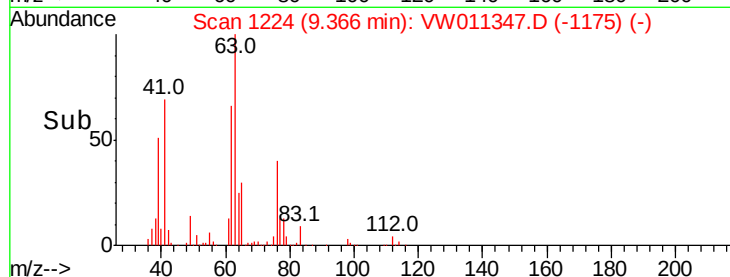
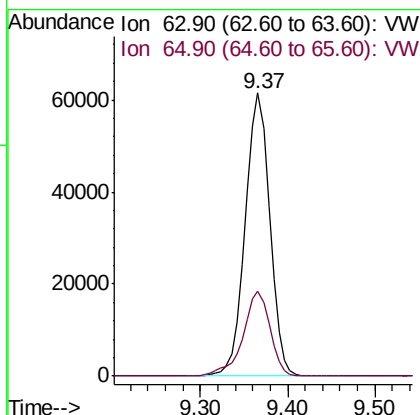
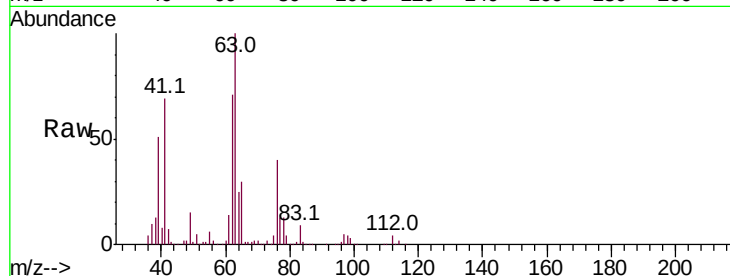
#45
 1,2-Dichloropropane
 Concen: 51.703 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011347.D
 Acq: 18 Jul 2019 21:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.4	36.6

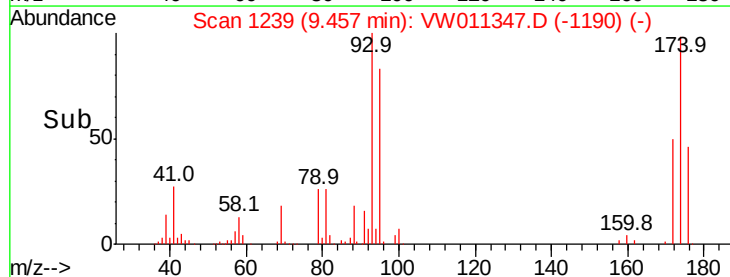
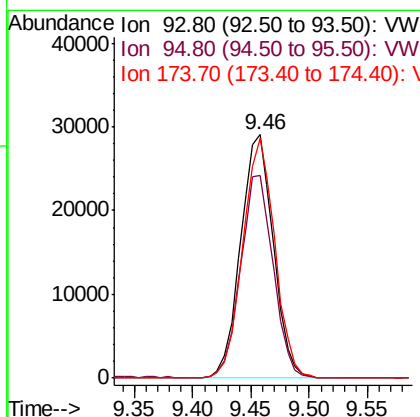
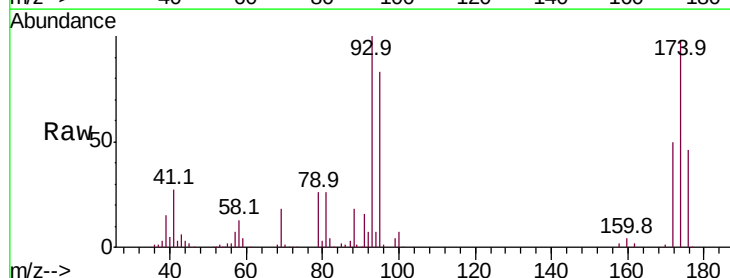
Manual Integrations
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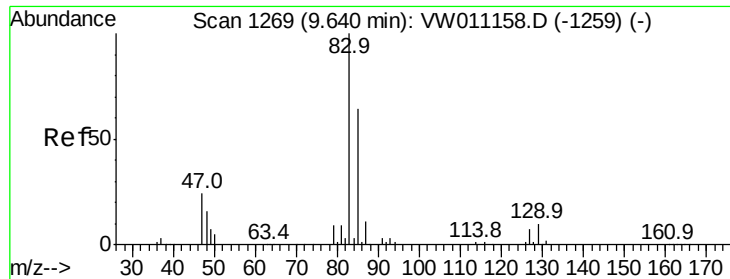
MMDadoda
 7/19/2019 9:54:03 AM



#46
 Dibromomethane
 Concen: 52.151 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW011347.D
 Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	67.2	100.8
174	96.5	76.3	114.5





#47

Bromodichloromethane

Concen: 51.679 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Instrument :

MSVOA_W

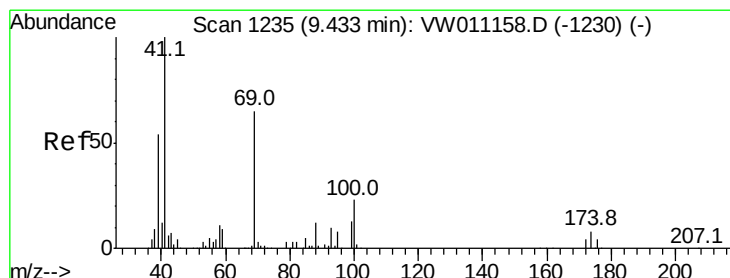
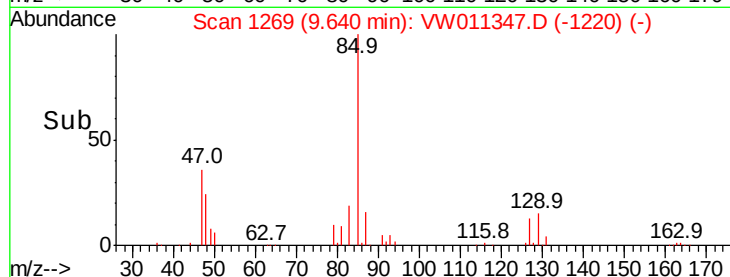
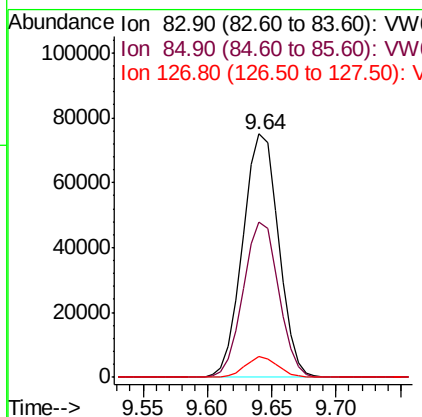
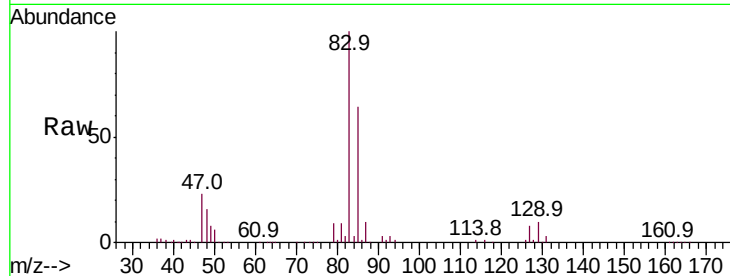
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	144273
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.0	76.4
127	8.4	6.0	9.0

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#48

Methyl methacrylate

Concen: 55.016 ug/l

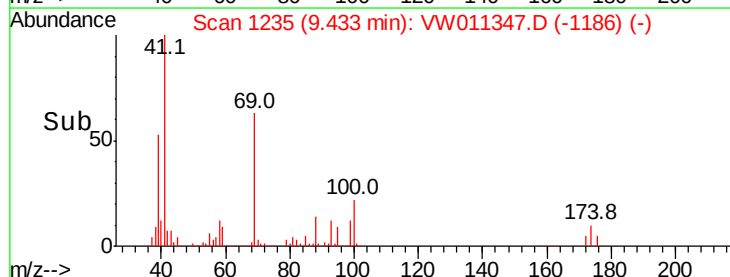
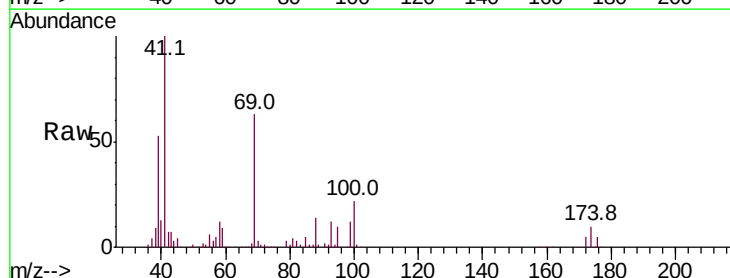
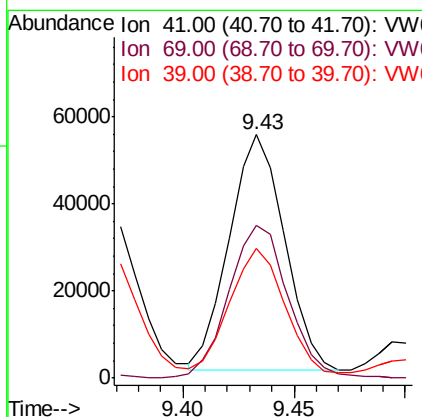
RT: 9.43 min Scan# 1235

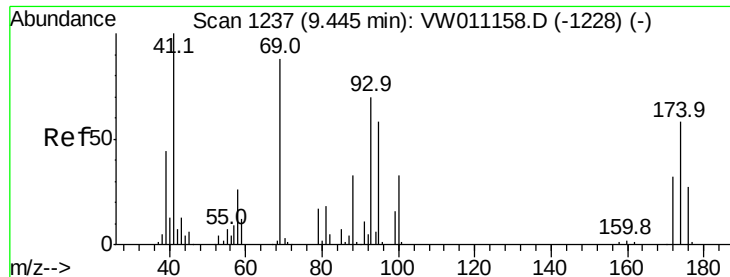
Delta R.T. 0.00 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Tgt Ion:	41	Resp:	93183
Ion Ratio	Lower	Upper	
41	100		
69	70.5	56.0	84.0
39	52.1	43.5	65.3





#49

1,4-Dioxane

Concen: 1084.671 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Instrument :

MSVOA_W

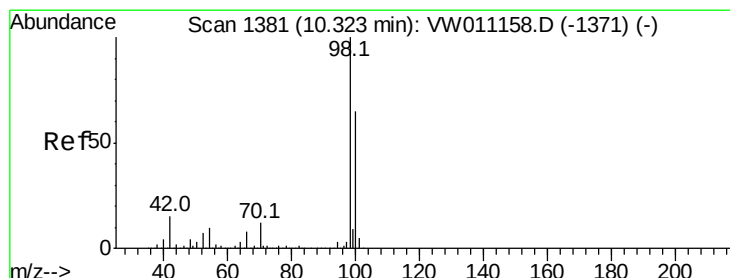
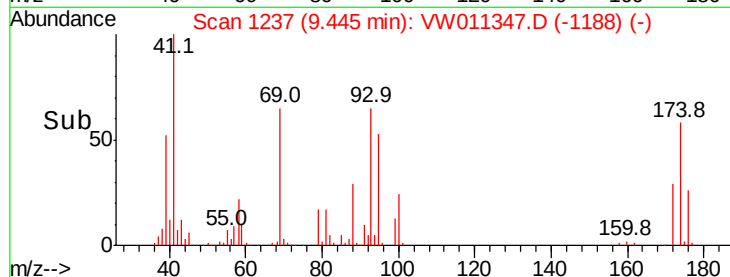
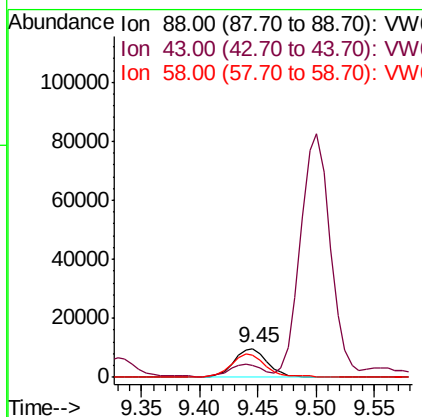
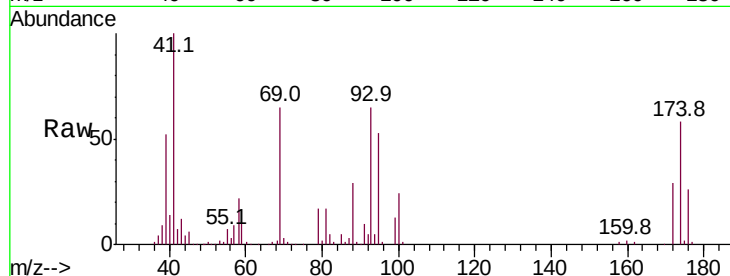
ClientSampled :

VSTDCCC050

Tot Ion:	88	Resp:	19754
Ion	Ratio	Lower	Upper
88	100		
43	43.8	33.4	50.0
58	85.8	64.5	96.7

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#50

Toluene-d8

Concen: 48.094 ug/l

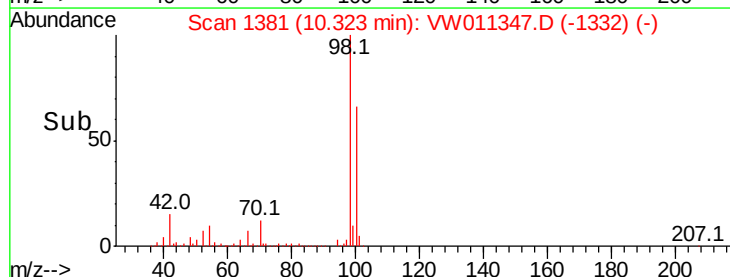
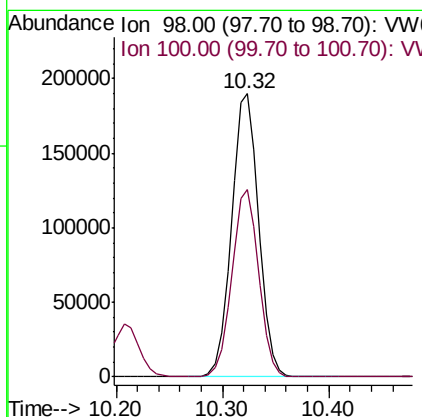
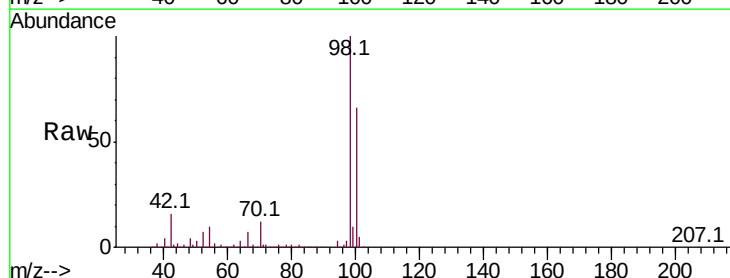
RT: 10.32 min Scan# 1381

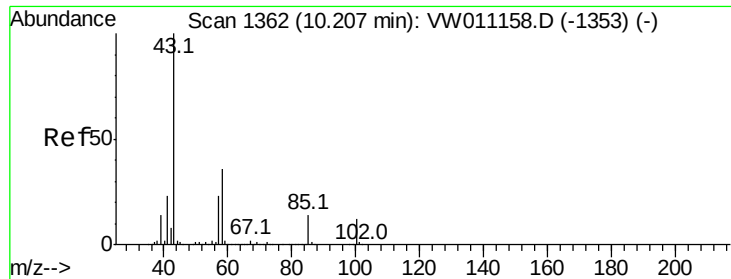
Delta R.T. 0.00 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Tgt Ion:	98	Resp:	337709
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 281.535 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 517762

Ion Ratio Lower Upper

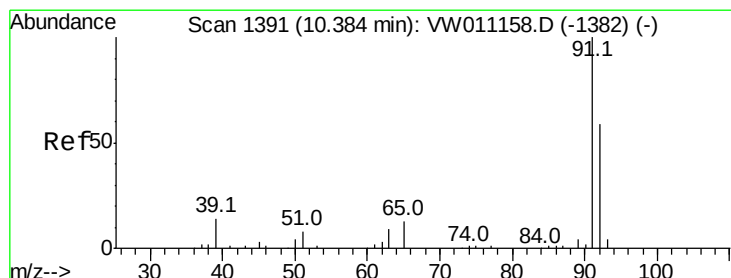
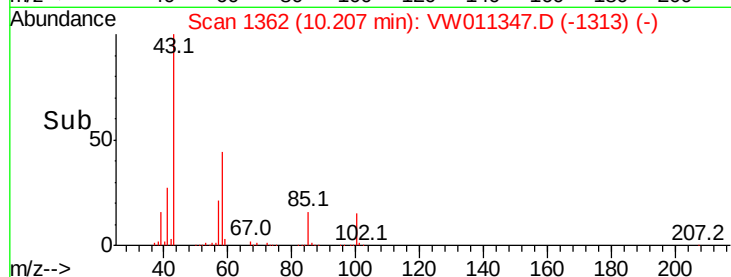
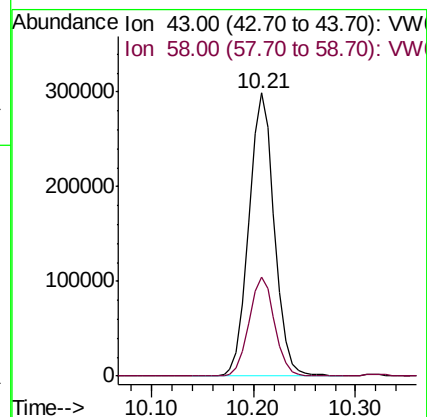
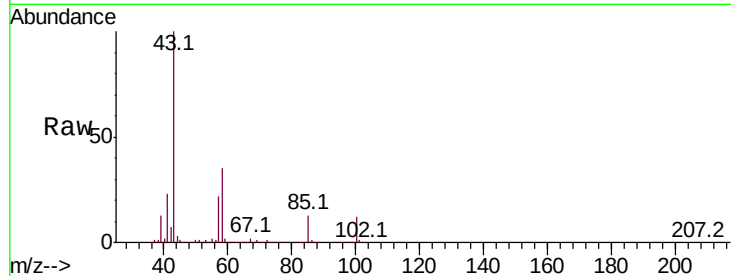
43 100

58 35.3 28.2 42.2

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#52

Toluene

Concen: 50.736 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011347.D

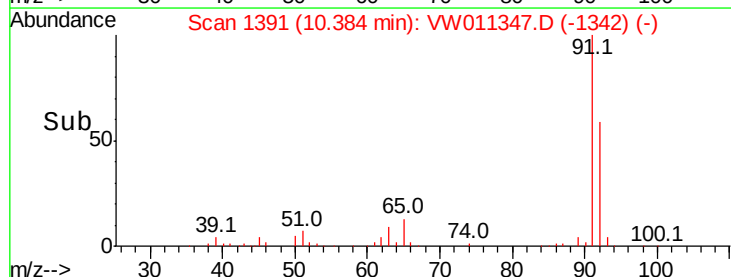
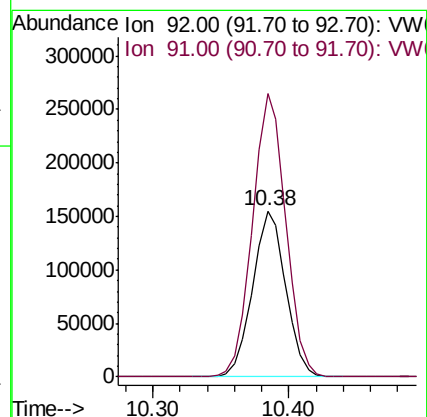
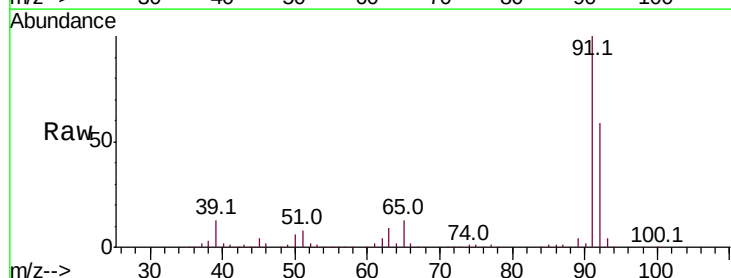
Acq: 18 Jul 2019 21:35

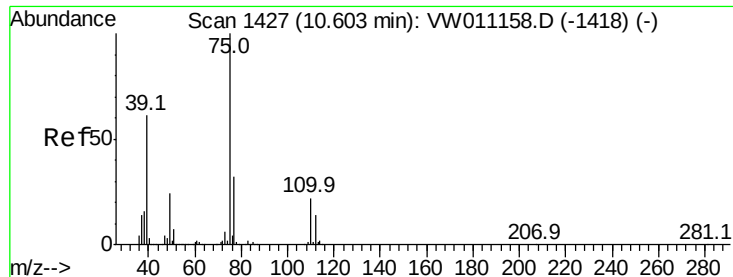
Tgt Ion: 92 Resp: 263980

Ion Ratio Lower Upper

92 100

91 171.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 50.047 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

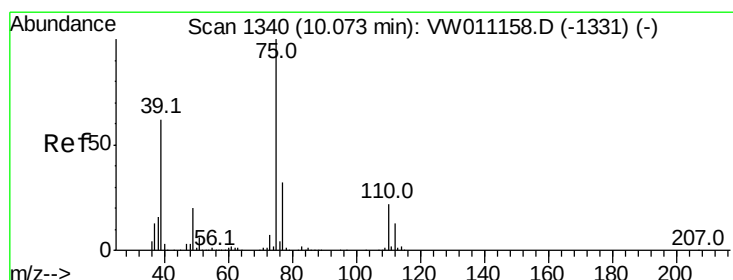
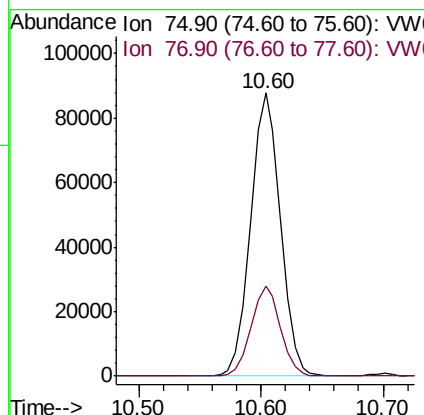
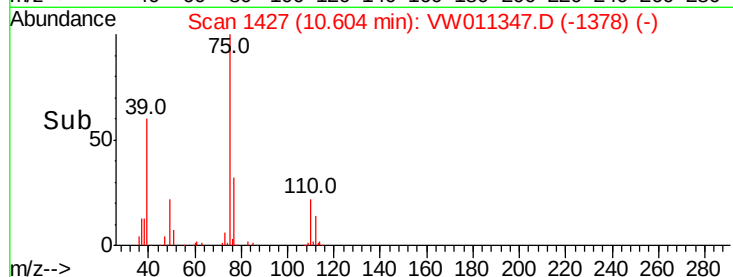
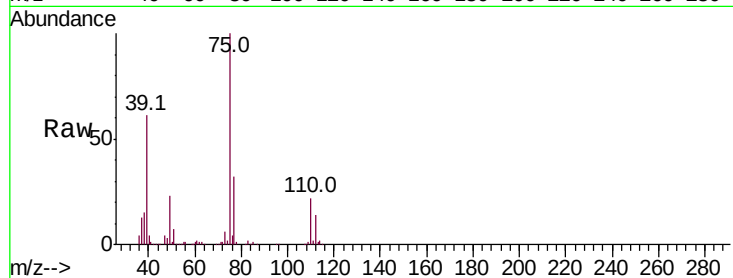
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.0

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#54

cis-1,3-Dichloropropene

Concen: 49.871 ug/l

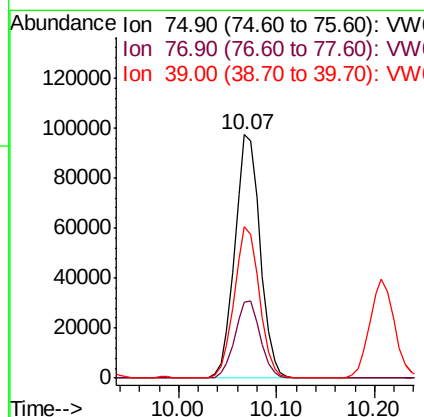
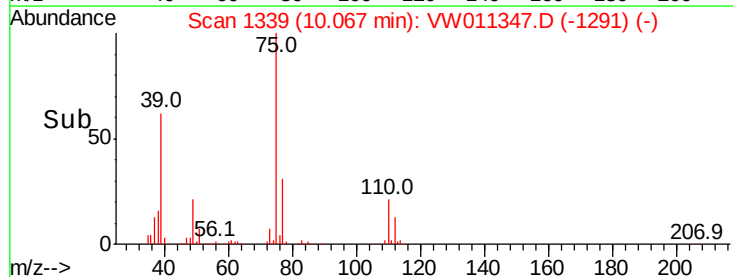
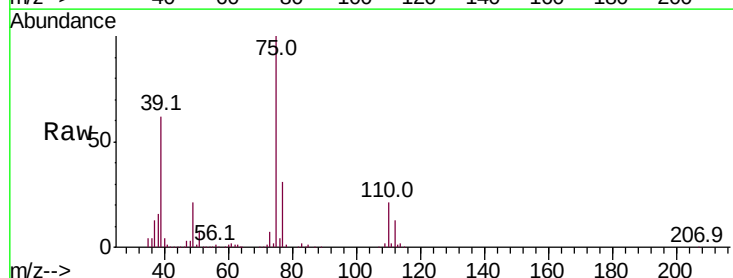
RT: 10.07 min Scan# 1339

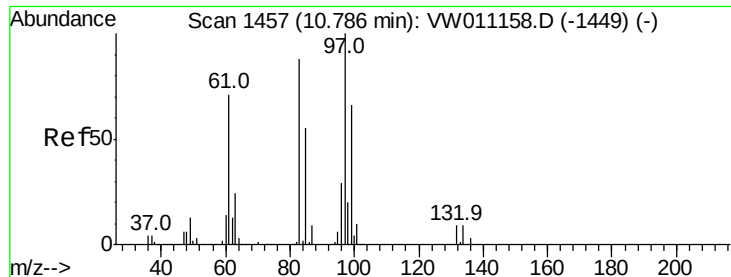
Delta R.T. -0.01 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.7	38.5
39	62.3	49.8	74.8





#55

1,1,2-Trichloroethane

Concen: 53.087 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 82171

Ion Ratio Lower Upper

97 100

83 85.5 70.2 105.4

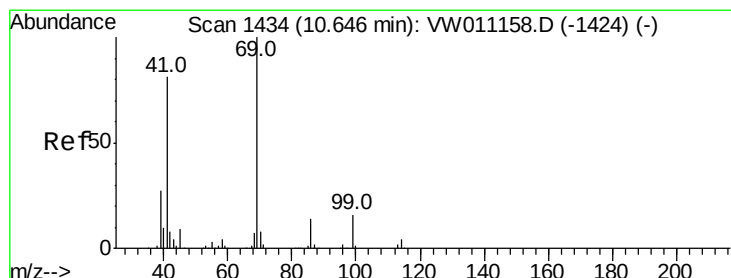
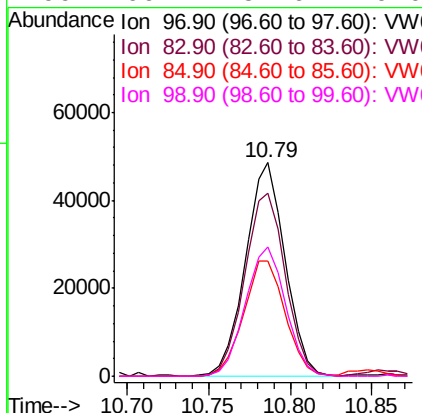
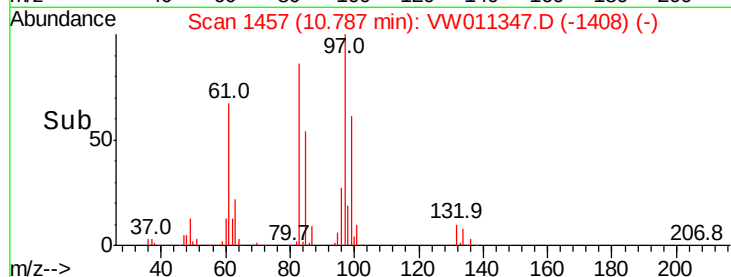
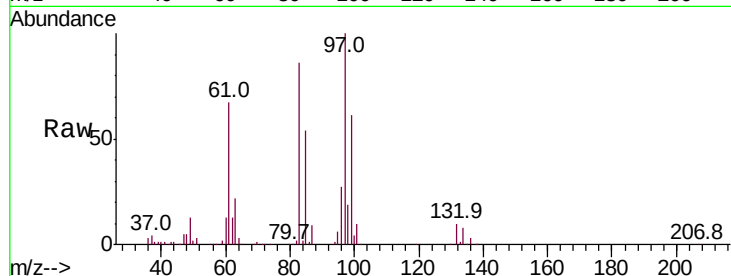
85 54.2 44.2 66.2

99 60.7 52.6 79.0

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#56

Ethyl methacrylate

Concen: 53.297 ug/l

RT: 10.64 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

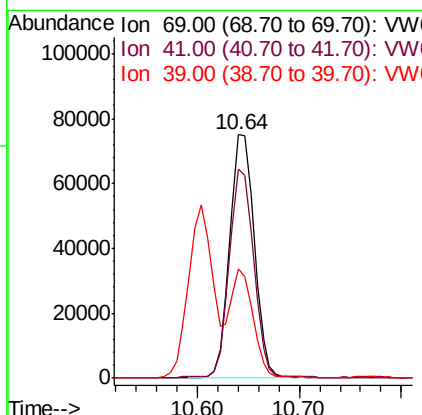
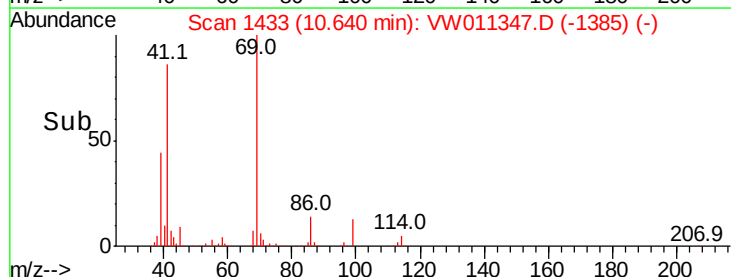
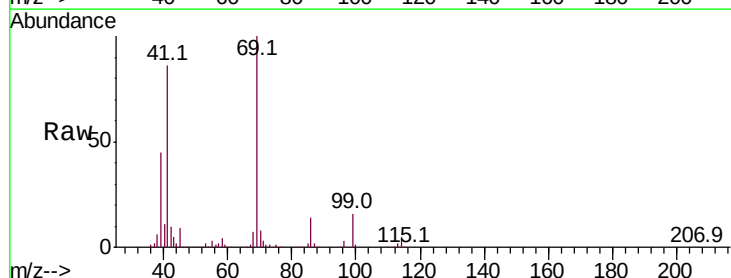
Tgt Ion: 69 Resp: 125598

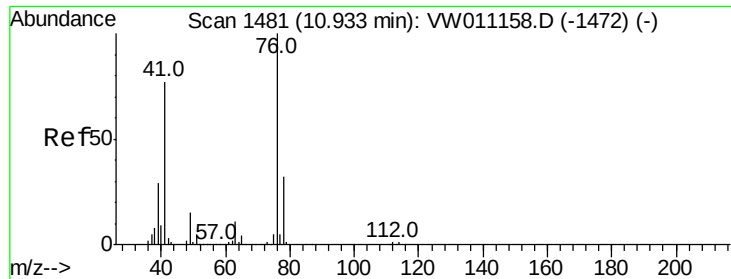
Ion Ratio Lower Upper

69 100

41 83.8 66.5 99.7

39 42.9 32.5 48.7





#57

1,3-Dichloropropane

Concen: 53.156 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 155588

Ion Ratio Lower Upper

76 100

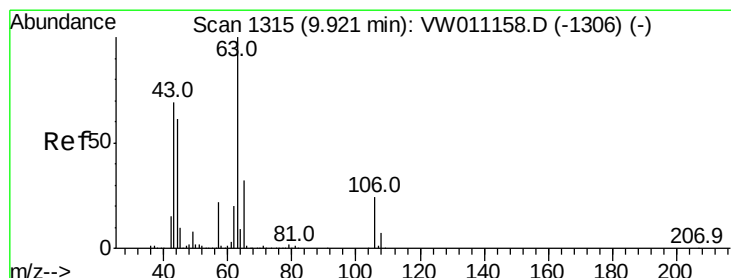
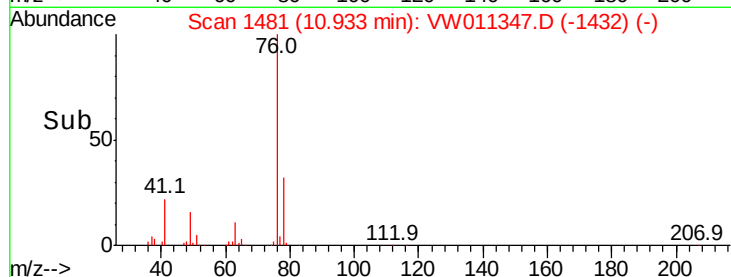
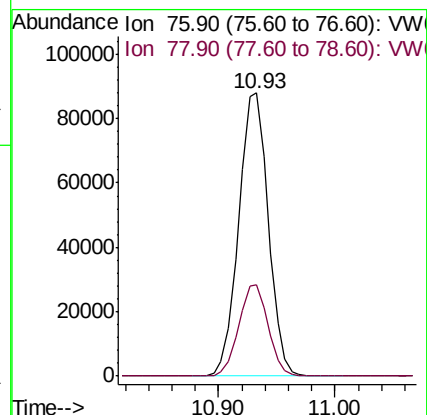
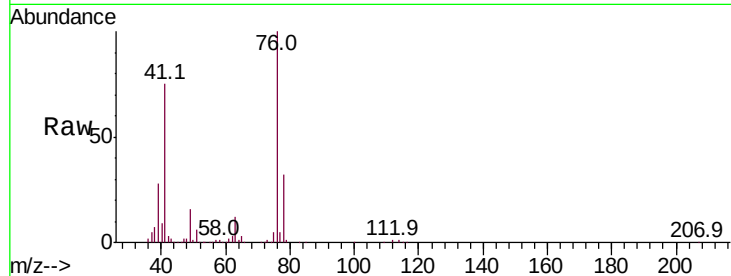
78 32.0 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 221.673 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW011347.D

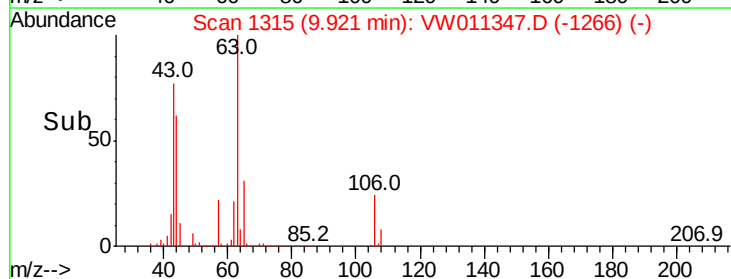
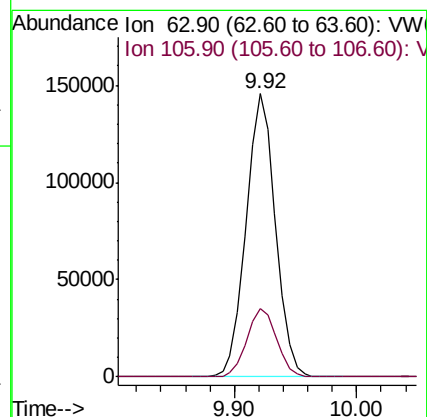
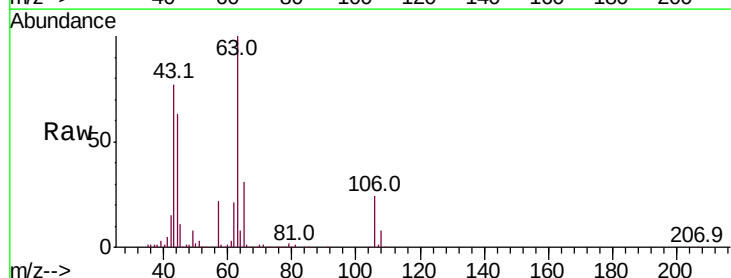
Acq: 18 Jul 2019 21:35

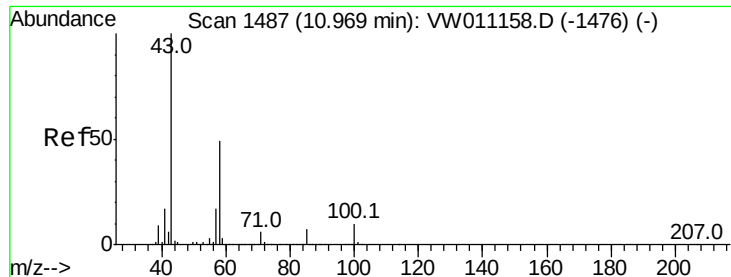
Tgt Ion: 63 Resp: 242181

Ion Ratio Lower Upper

63 100

106 24.6 19.4 29.0





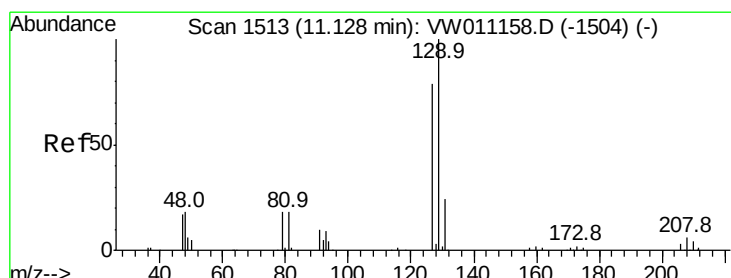
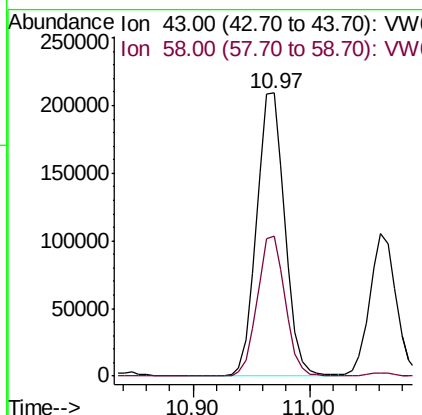
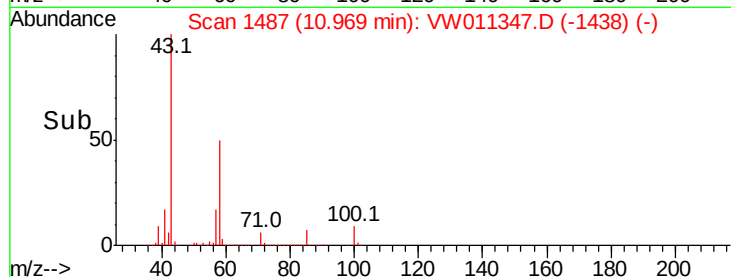
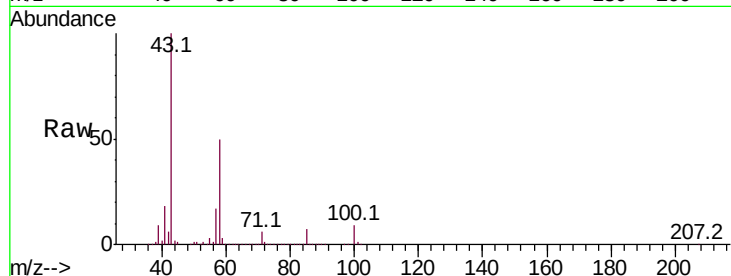
#59
2-Hexanone
Concen: 277.825 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.9	24.4	73.4

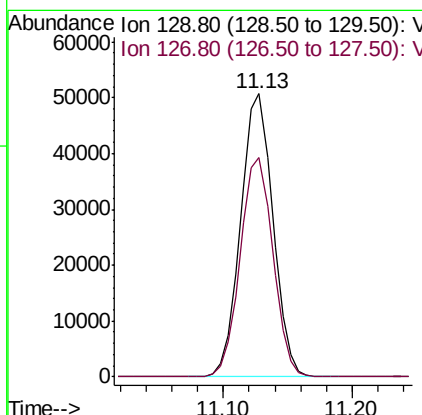
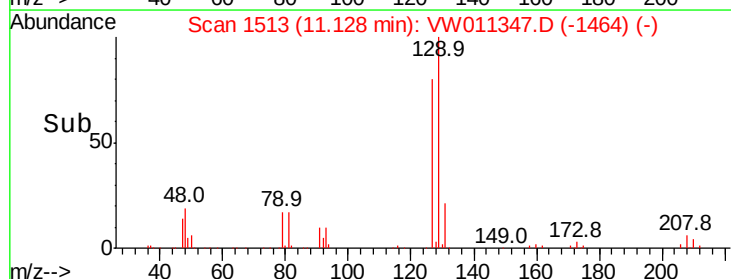
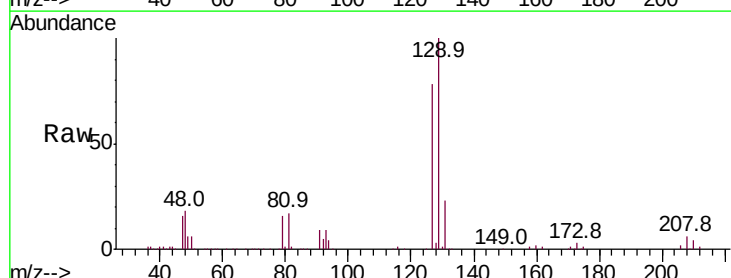
Manual Integrations
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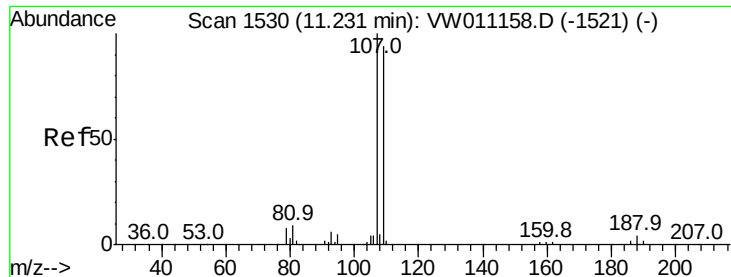
MMDadoda
7/19/2019 9:54:03 AM



#60
Dibromochloromethane
Concen: 51.770 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.1	117.3





#61

1,2-Dibromoethane

Concen: 53.210 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 78016

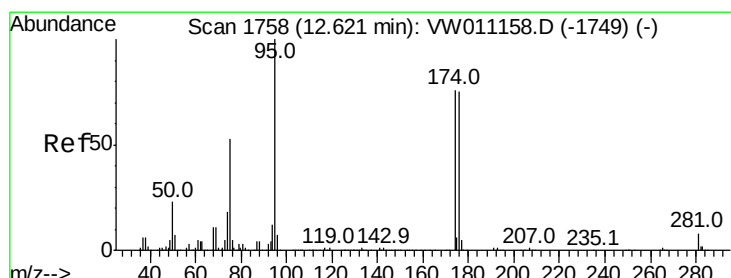
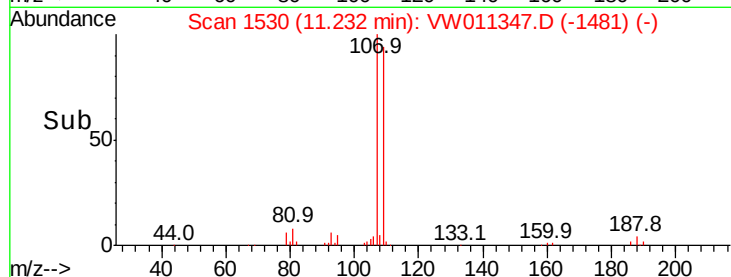
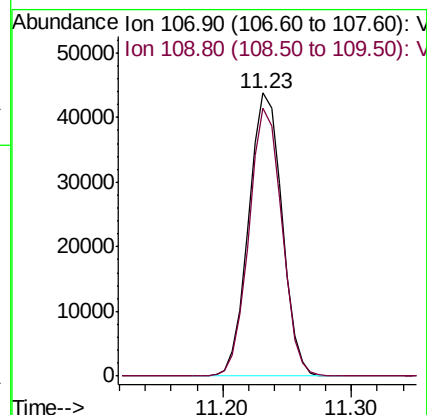
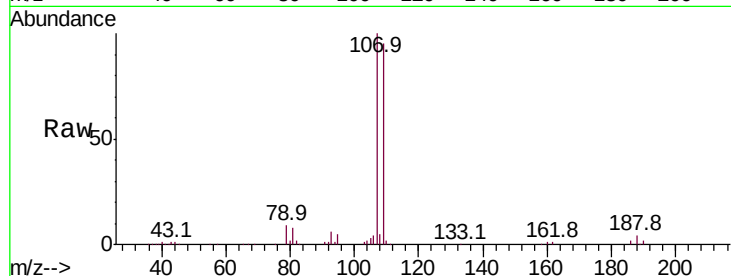
Ion Ratio Lower Upper

107 100

109 93.4 75.2 112.8

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#62

4-Bromofluorobenzene

Concen: 49.013 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

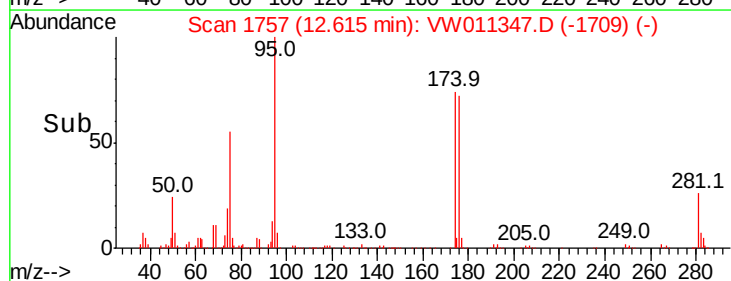
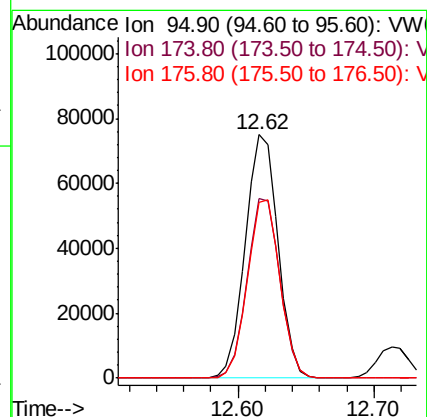
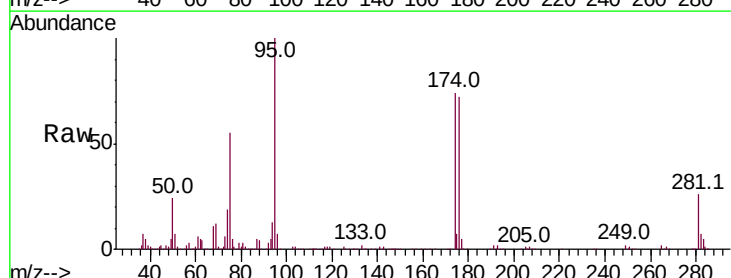
Tgt Ion: 95 Resp: 126146

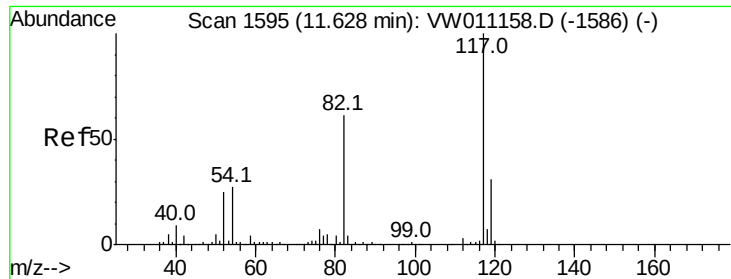
Ion Ratio Lower Upper

95 100

174 73.9 0.0 147.6

176 73.1 0.0 144.6





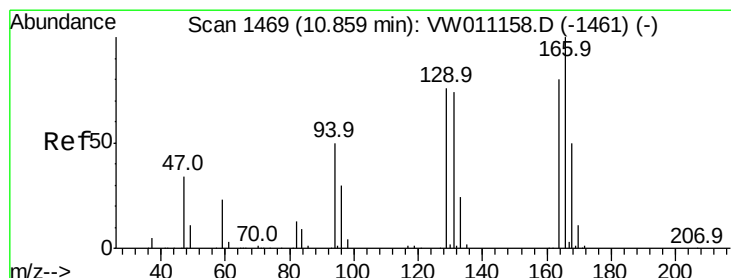
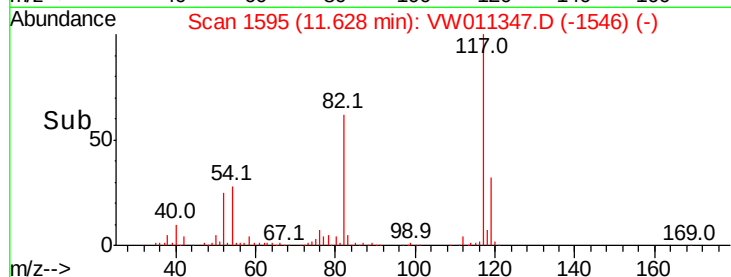
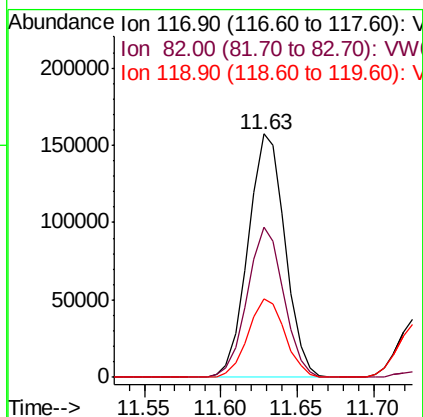
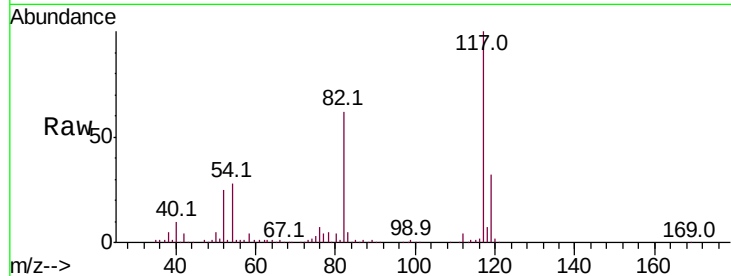
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	264148		
82	61.7	48.9	73.3	
119	32.1	25.0	37.6	

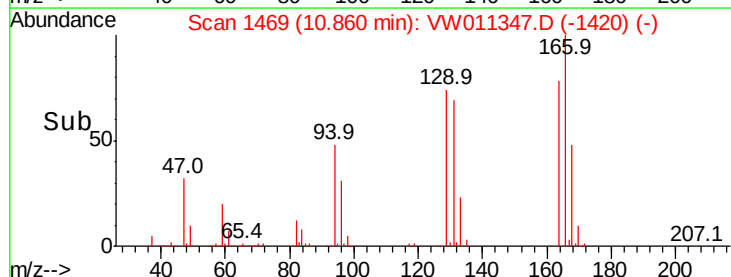
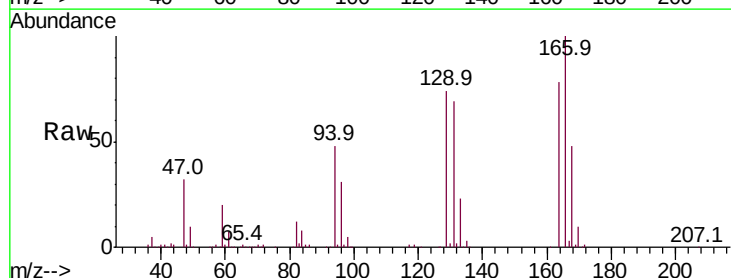
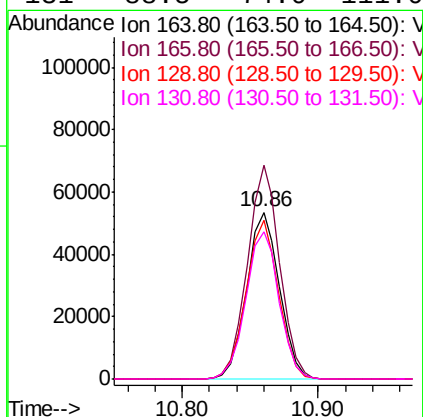
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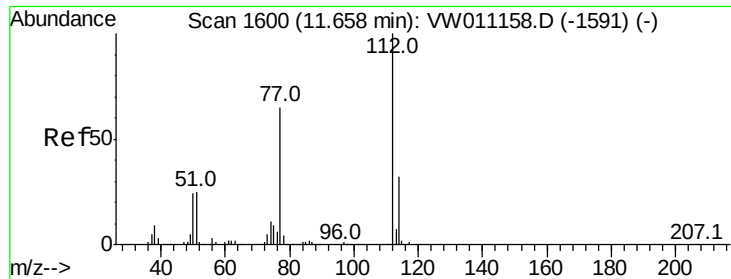
MMDadoda
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#64
Tetrachloroethene
Concen: 50.690 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	90350		
166	128.2	99.7	149.5	
129	95.3	76.2	114.2	
131	88.5	74.0	111.0	





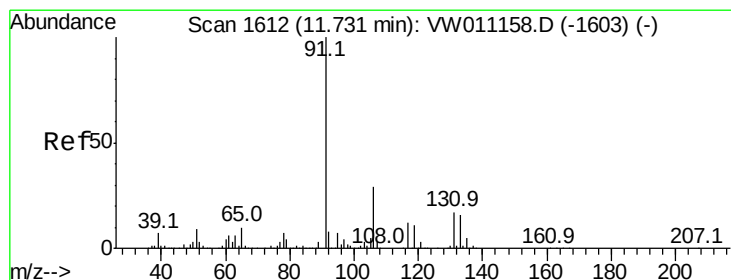
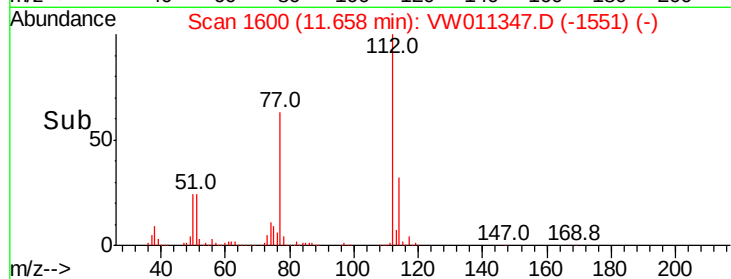
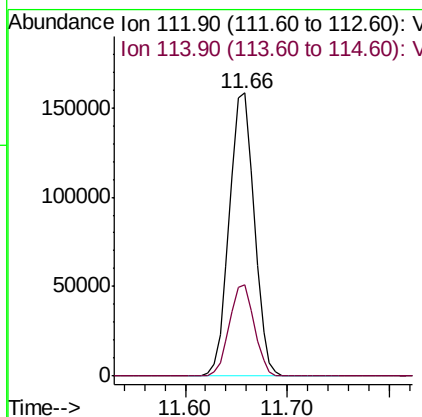
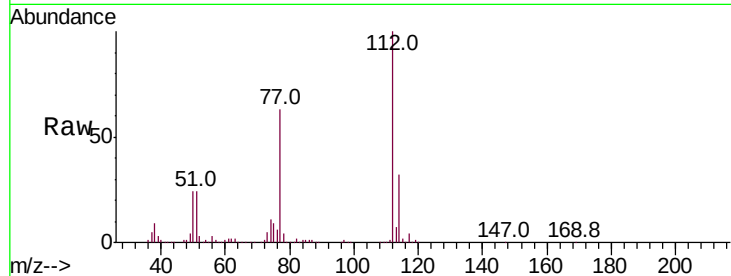
#65
Chlorobenzene
Concen: 49.755 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.5	38.3

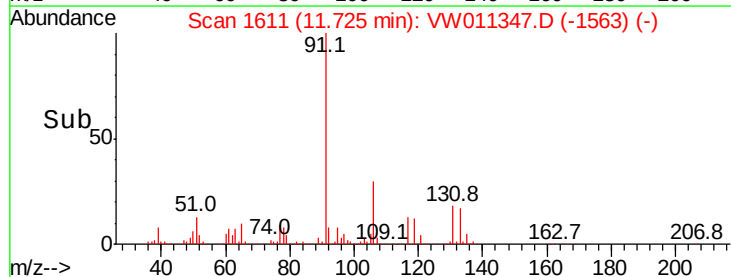
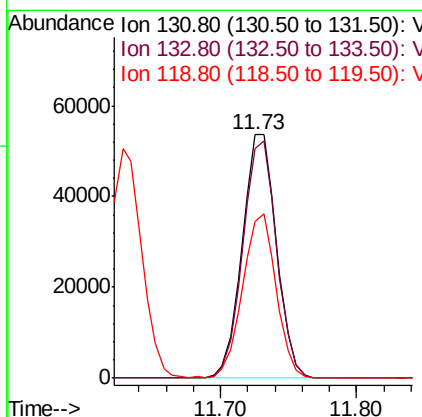
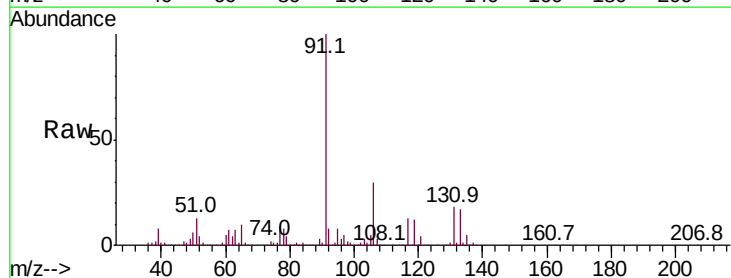
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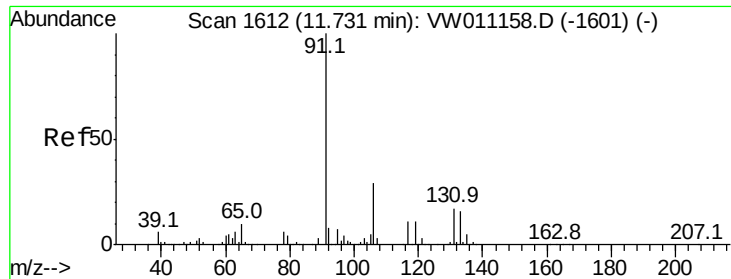
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.060 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.9	143.8
119	66.1	33.1	99.2





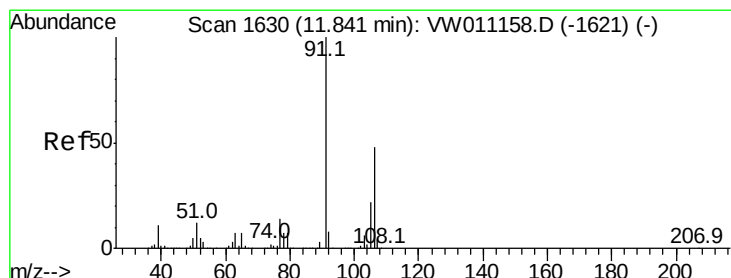
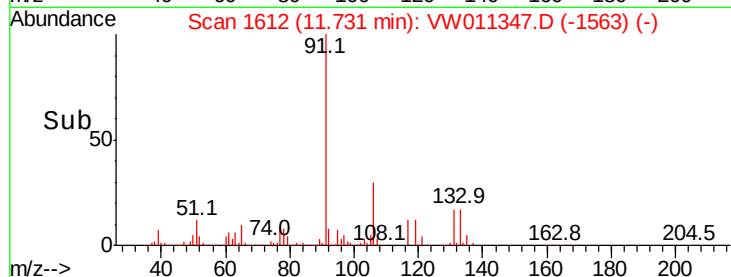
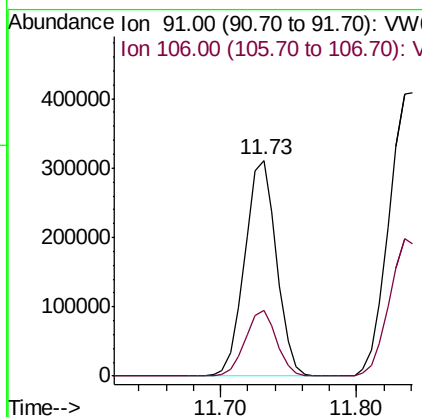
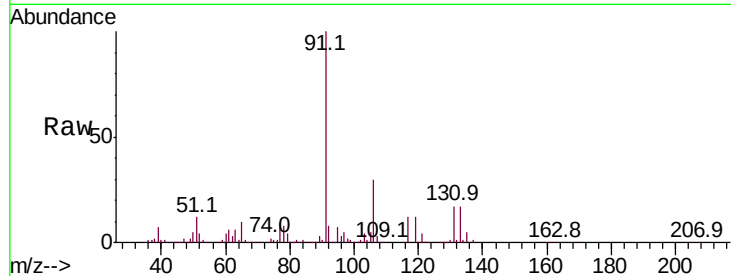
#67
Ethyl Benzene
Concen: 49.450 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.3	23.5	35.3

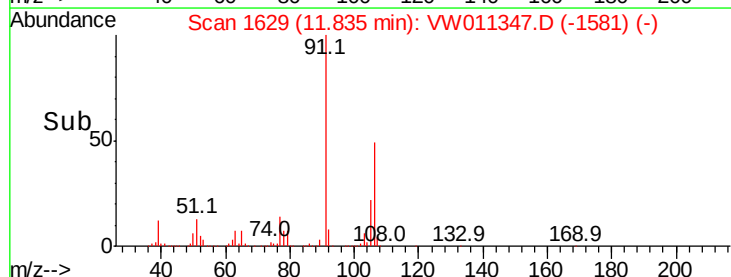
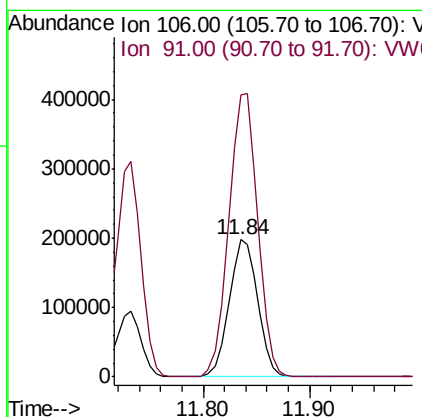
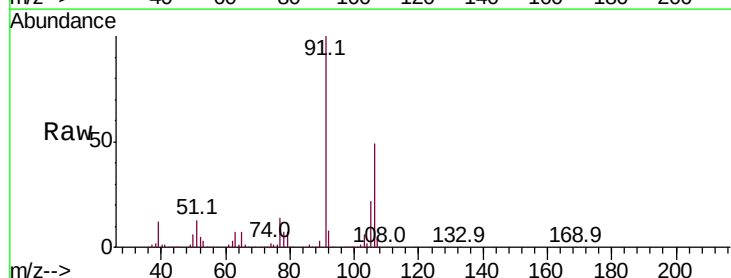
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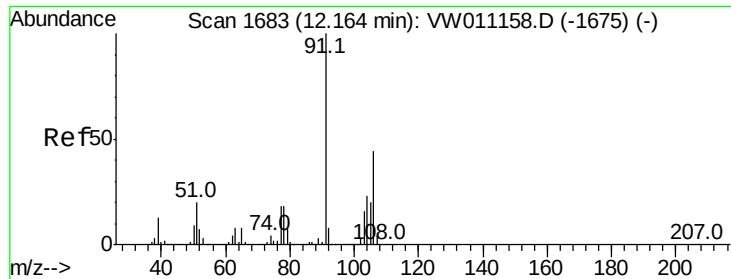
MMDadoda
7/19/2019 9:54:03 AM



#68
m/p-Xylenes
Concen: 99.552 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.6	167.7	251.5





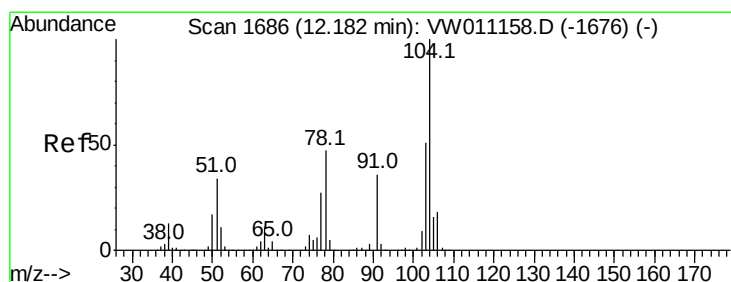
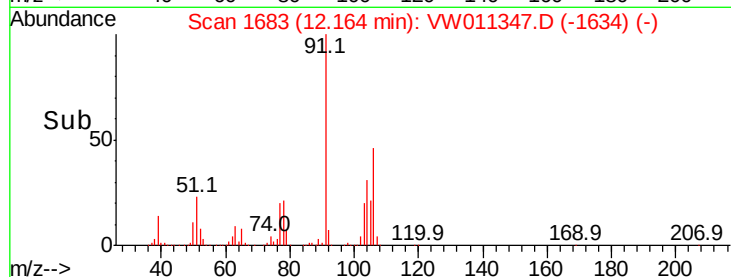
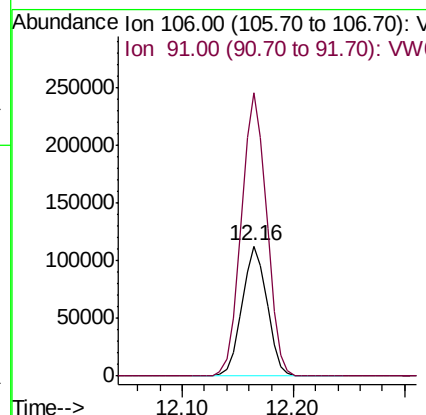
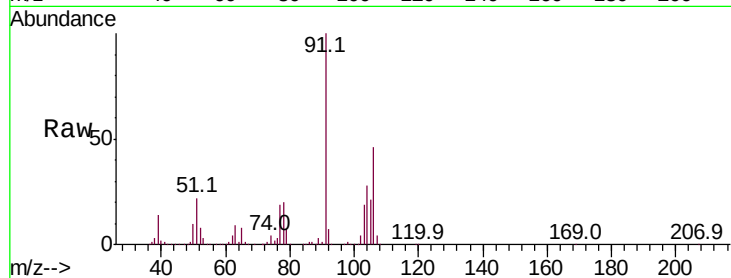
#69
o-Xylene
Concen: 50.022 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 175387
Ion Ratio Lower Upper
106 100
91 220.4 110.7 332.1

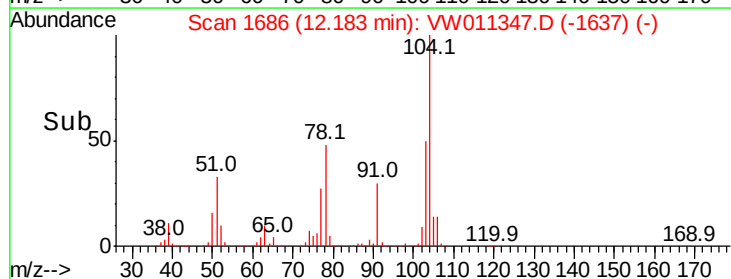
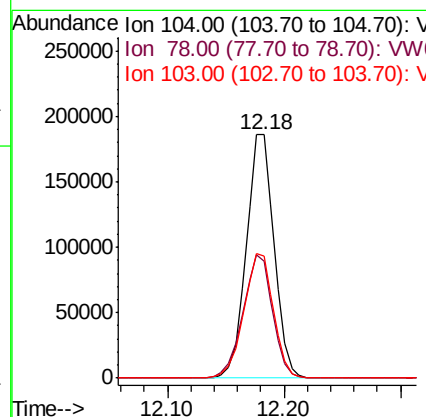
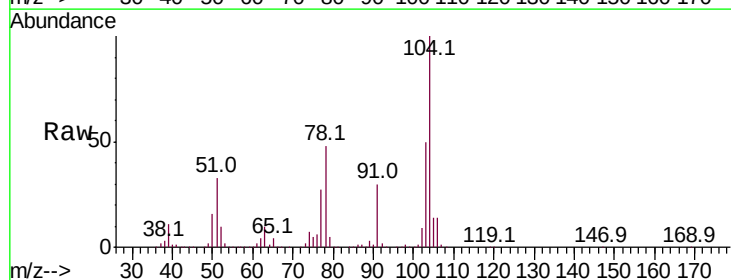
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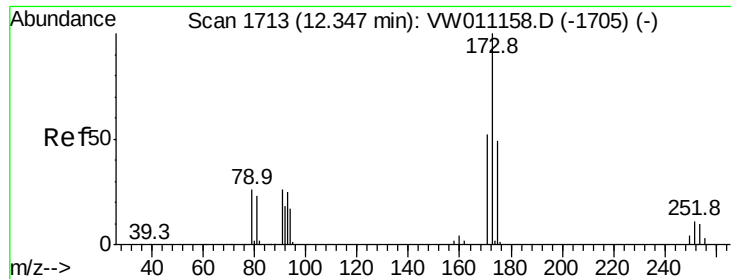
MMDadoda
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#70
Styrene
Concen: 51.144 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion:104 Resp: 309481
Ion Ratio Lower Upper
104 100
78 53.8 43.1 64.7
103 54.4 44.1 66.1





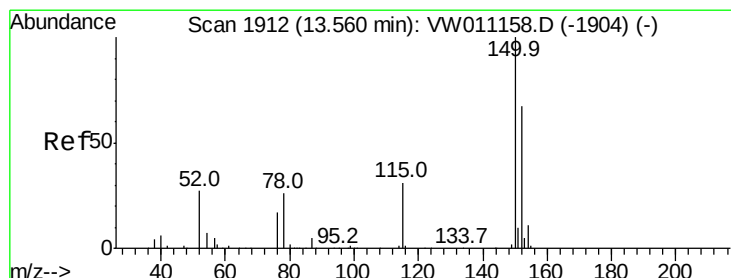
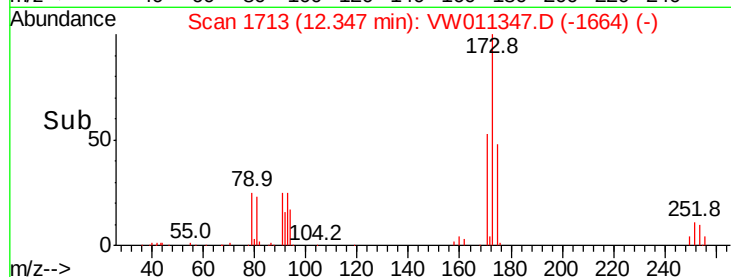
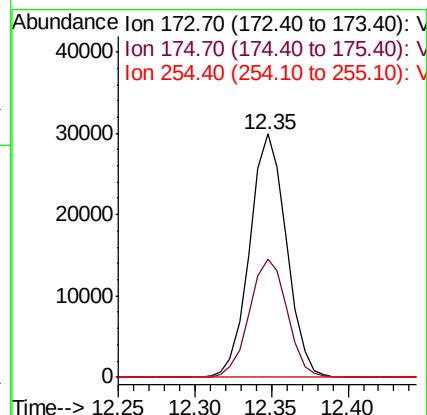
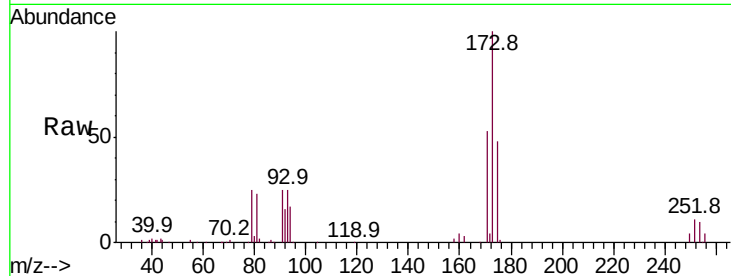
#71
Bromoform
Concen: 49.677 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.8	74.3
254	0.1	0.0	0.0

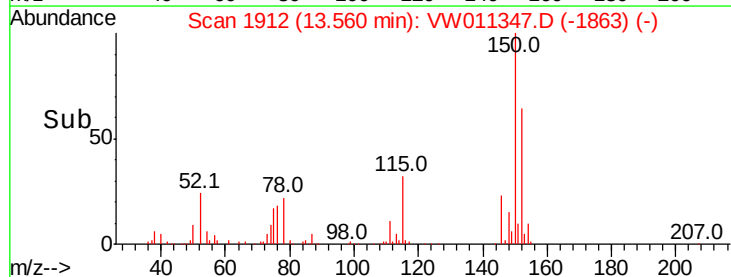
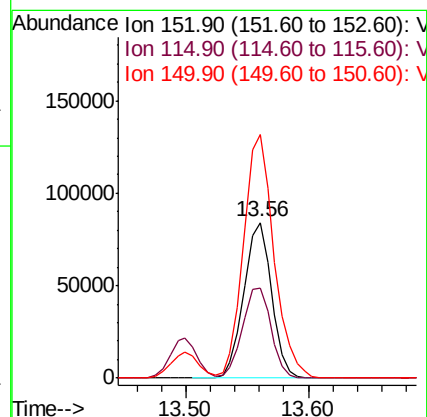
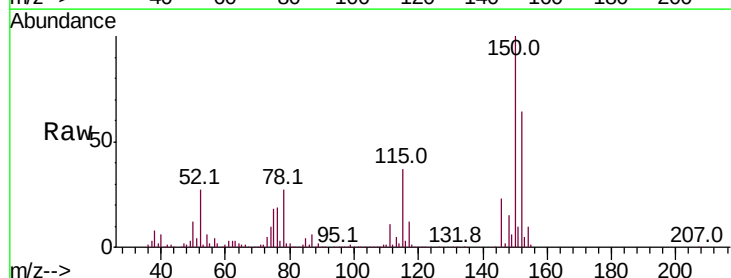
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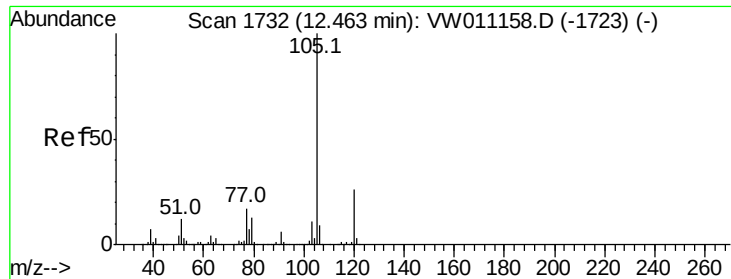
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.1	90.3
150	171.7	0.0	346.0





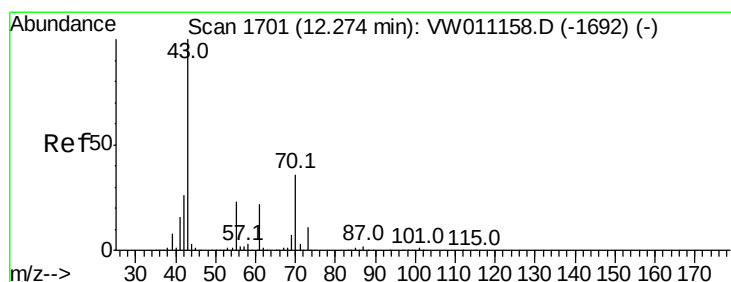
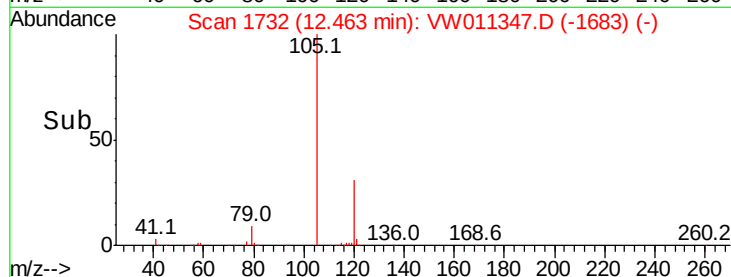
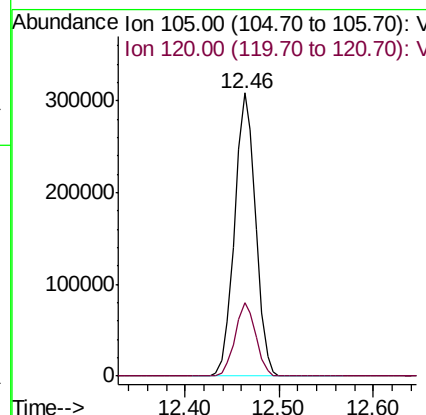
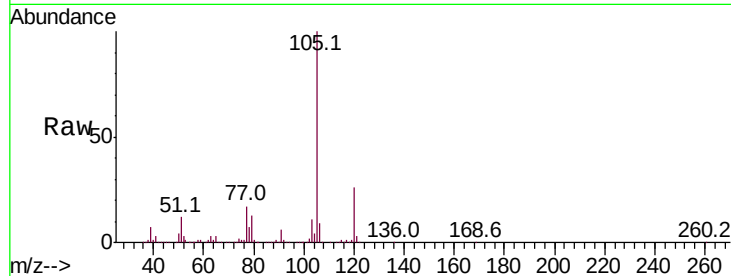
#73
Isopropylbenzene
Concen: 48.206 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.3

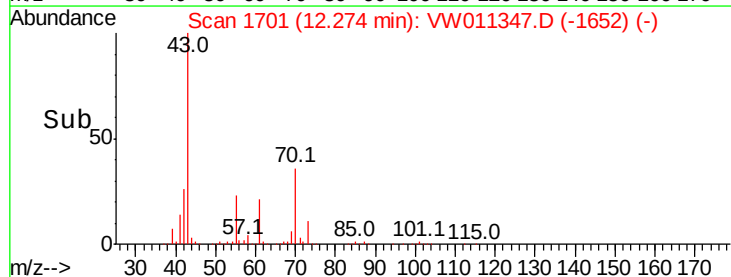
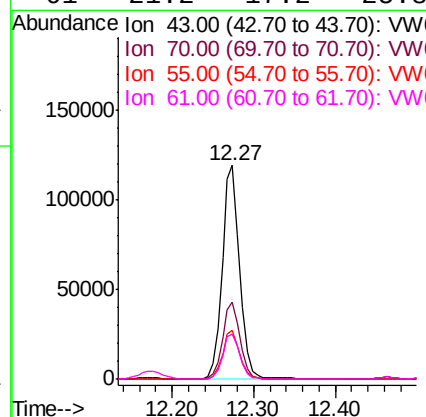
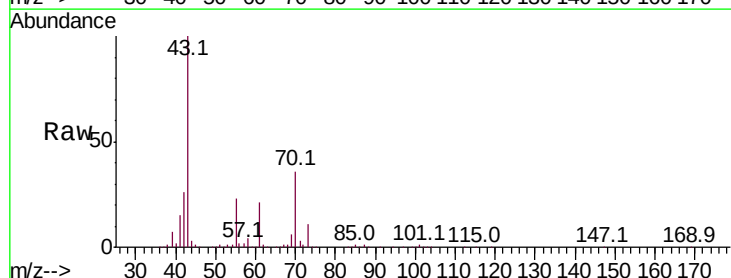
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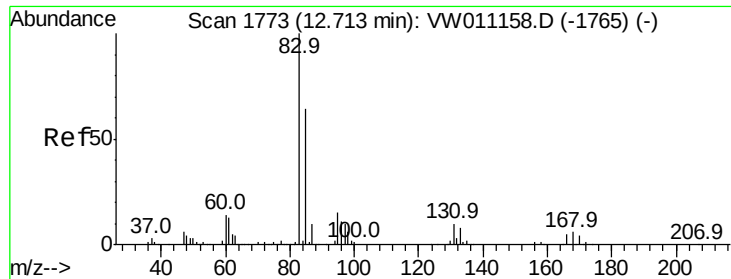
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#74
N-ethyl acetate
Concen: 51.616 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.0	28.5	42.7
55	22.8	18.1	27.1
61	21.2	17.2	25.8





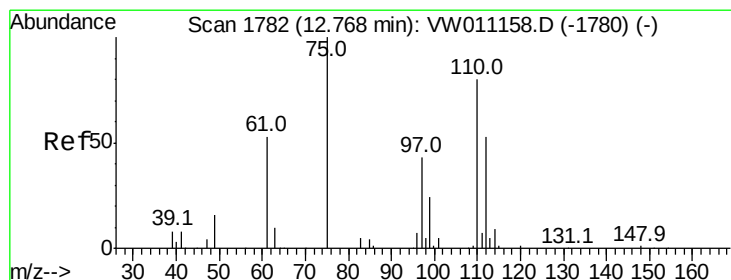
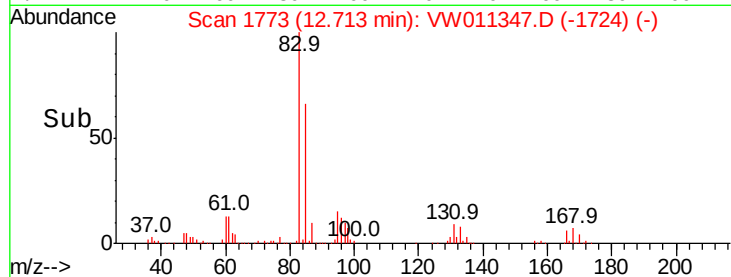
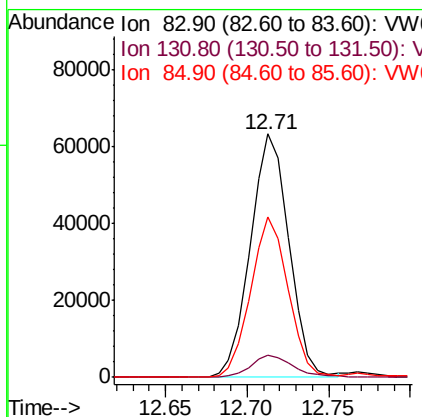
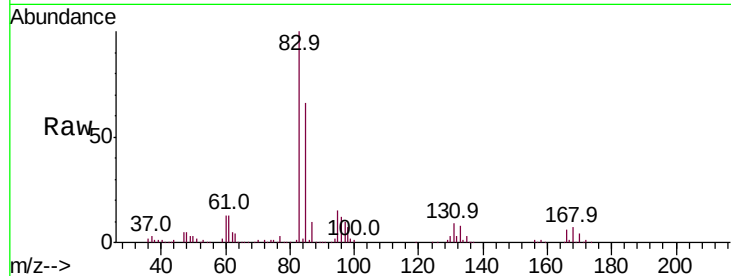
#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.590 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: VW011347.D
 Acq: 18 Jul 2019 21:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	15.0
85	64.0	31.6	94.8

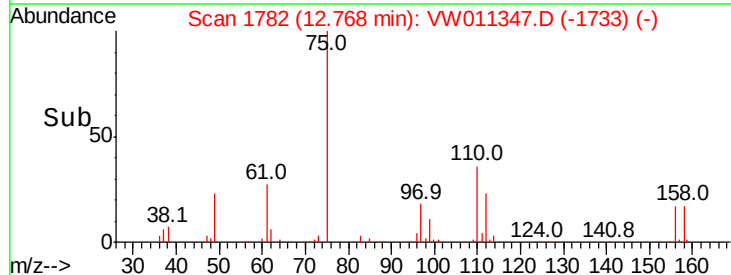
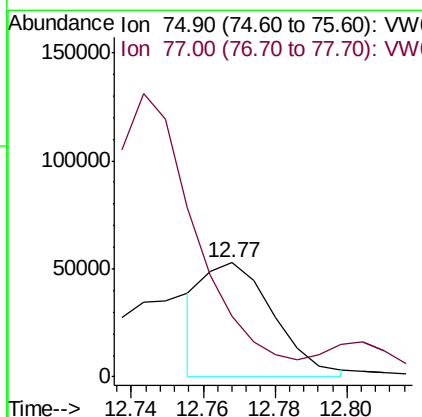
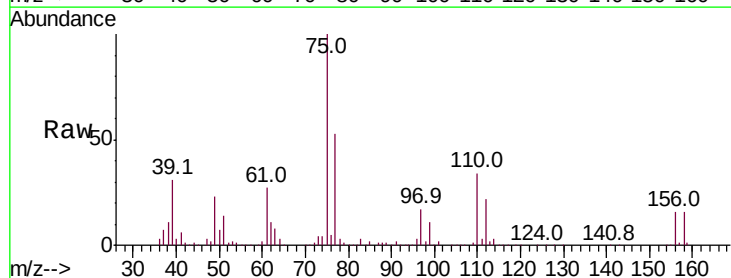
Manual Integrations
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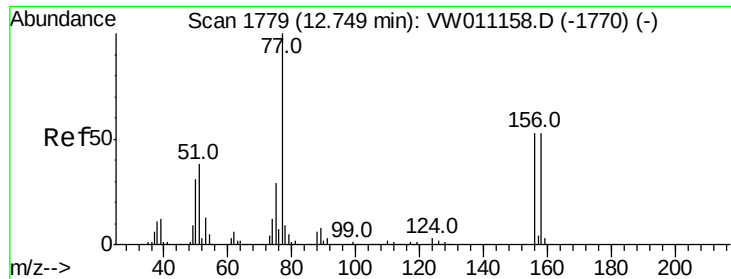
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#76
 1,2,3-Trichloropropane
 Concen: 46.786 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW011347.D
 Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.194 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Instrument :

MSVOA_W

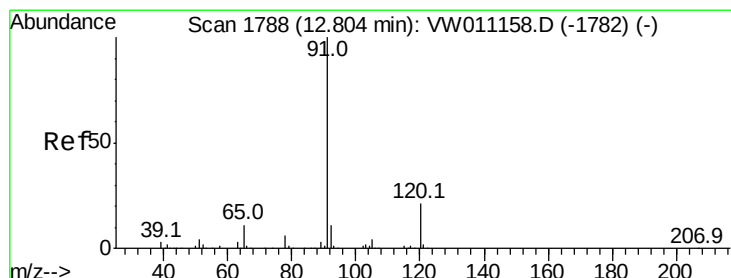
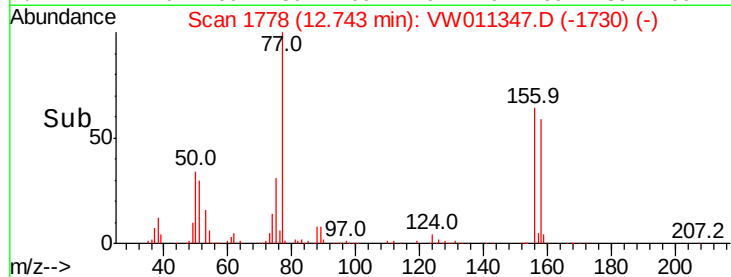
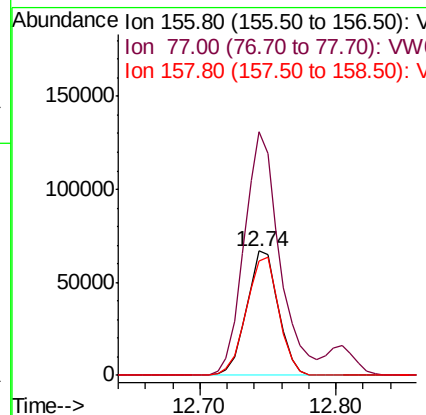
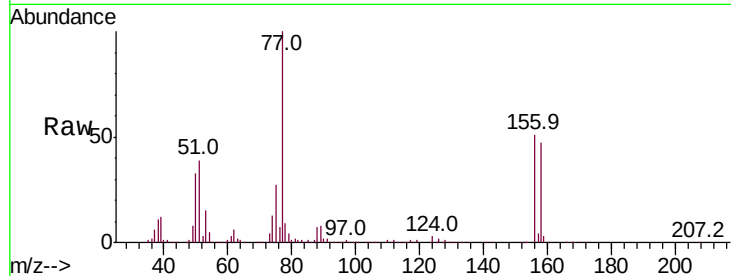
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	218.3	109.0	327.0
158	97.6	48.8	146.3

Manual Integrations
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7/19/2019 9:54:03 AM



#78

n-propylbenzene

Concen: 48.511 ug/l

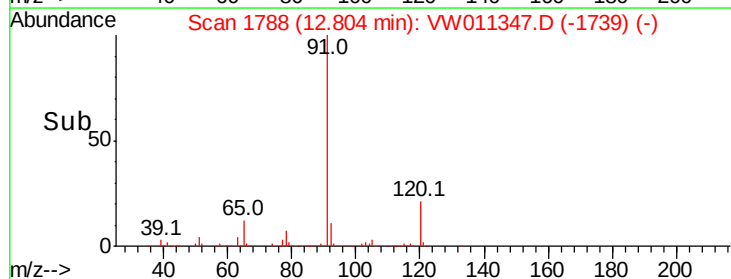
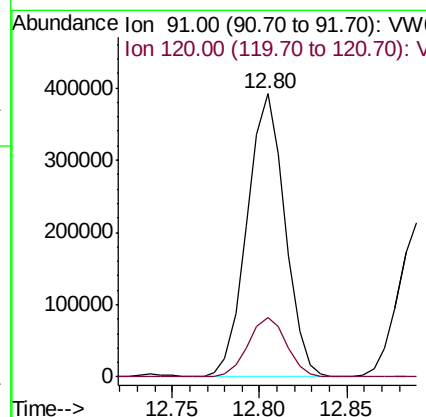
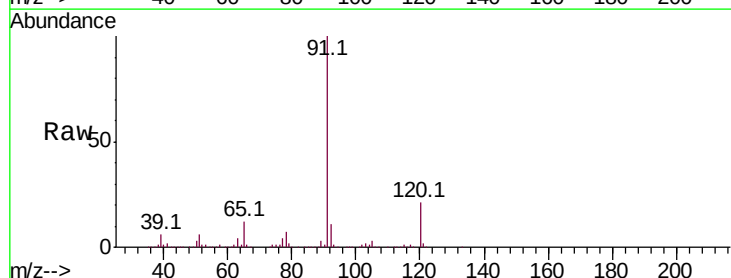
RT: 12.80 min Scan# 1788

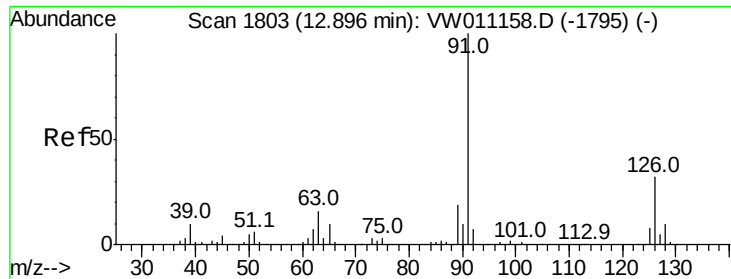
Delta R.T. 0.00 min

Lab File: VW011347.D

Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.4	10.8	32.3





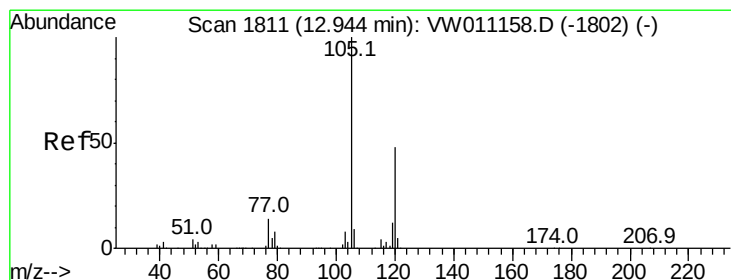
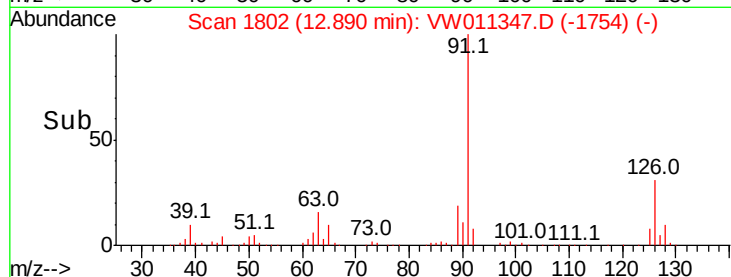
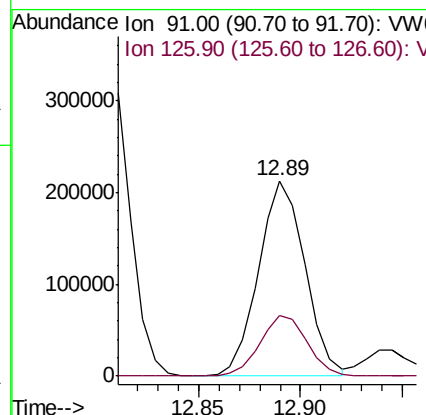
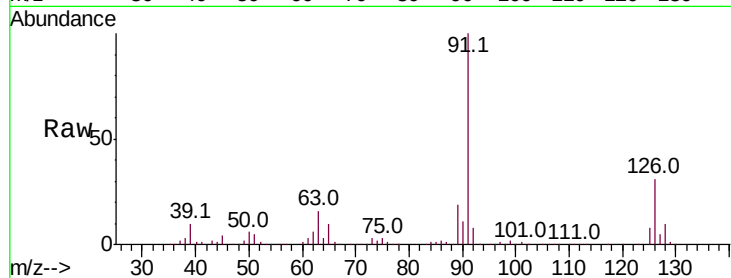
#79
 2-Chlorotoluene
 Concen: 48.290 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VW011347.D
 Acq: 18 Jul 2019 21:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 337565
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.8 47.3

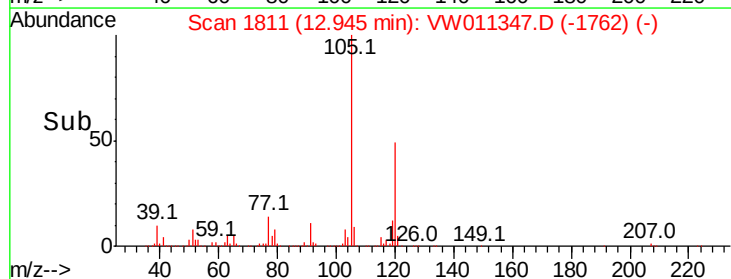
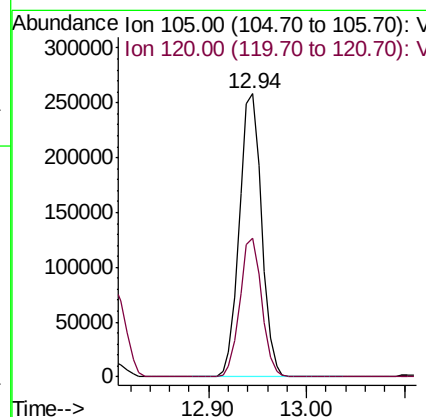
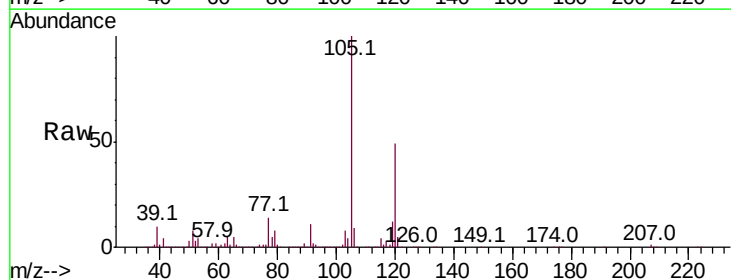
Manual Integrations
 APPROVED

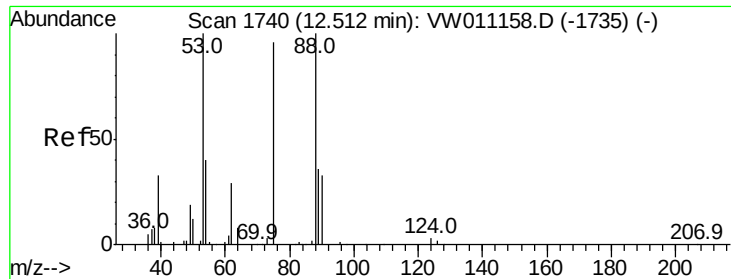
MMDadoda
 7/19/2019 9:54:03 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 48.730 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW011347.D
 Acq: 18 Jul 2019 21:35

Tgt Ion: 105 Resp: 408242
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.2





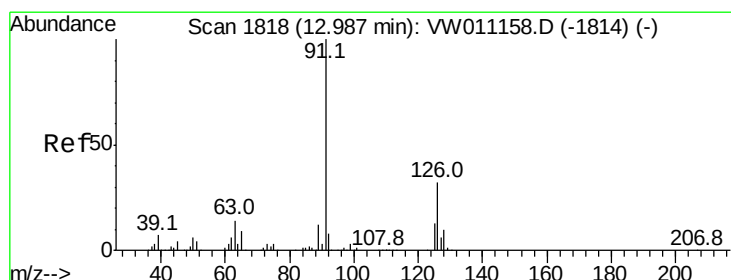
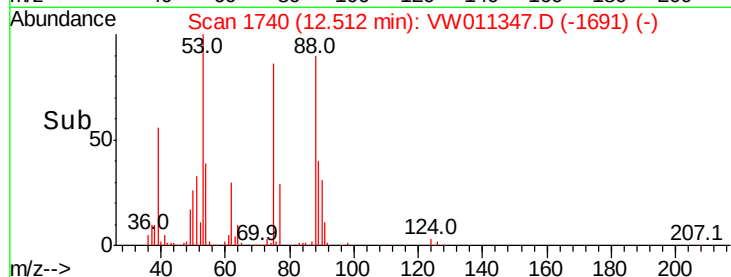
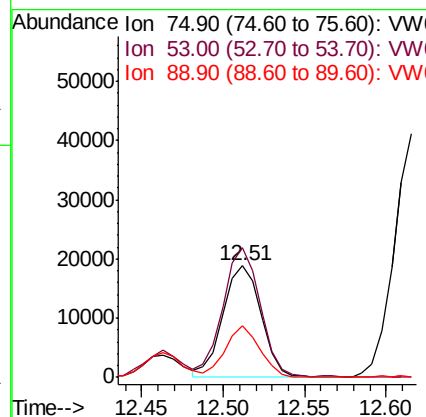
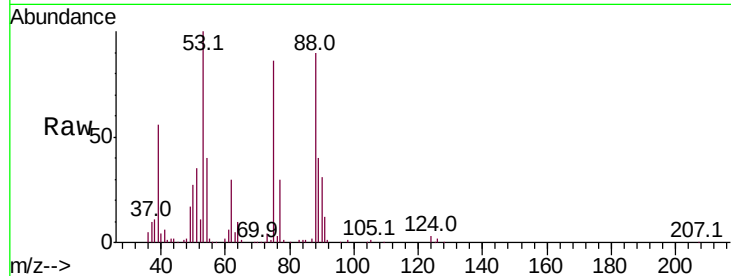
#81
trans-1,4-Dichloro-2-butene
Concen: 45.188 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.2	89.8	134.6
89	42.4	34.3	51.5

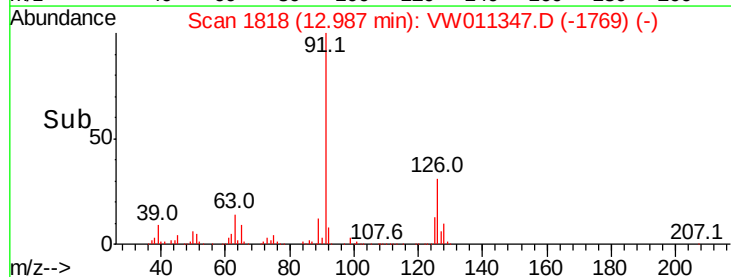
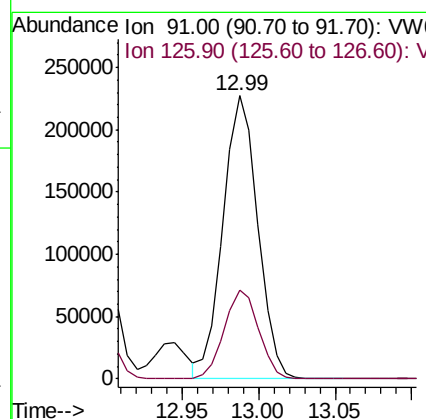
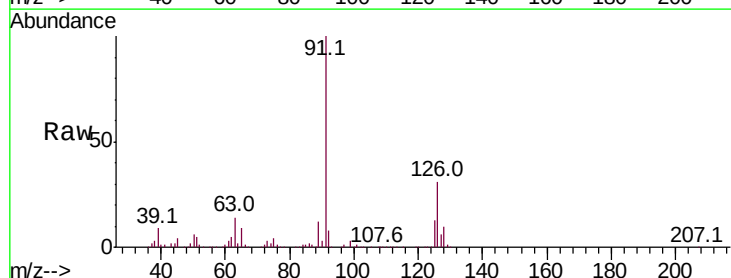
Manual Integrations
APPROVED

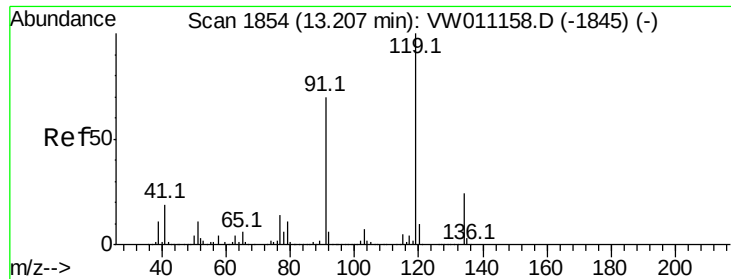
MMDadoda
7/19/2019 9:54:03 AM



#82
4-Chlorotoluene
Concen: 49.162 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.7	47.1





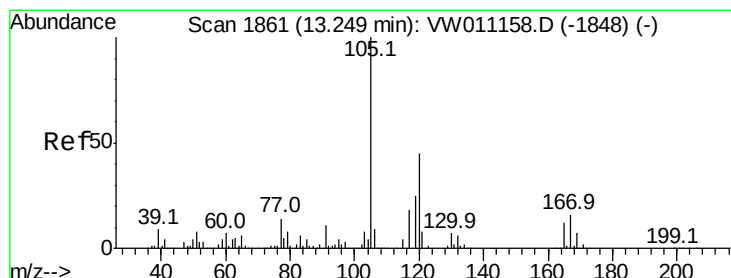
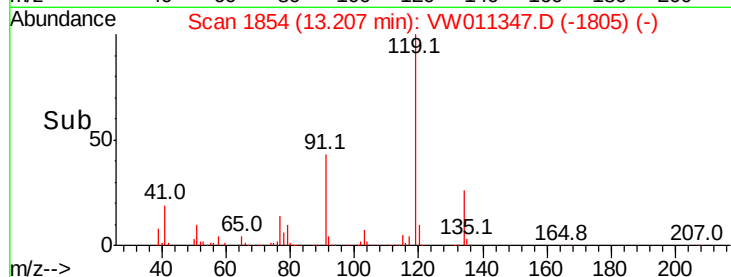
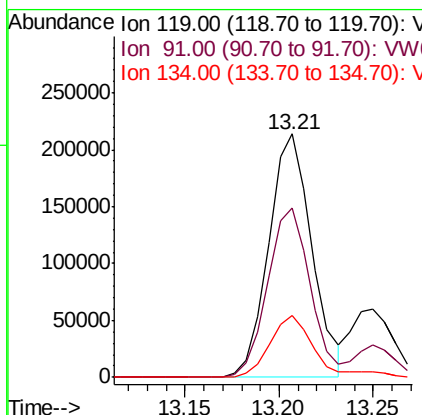
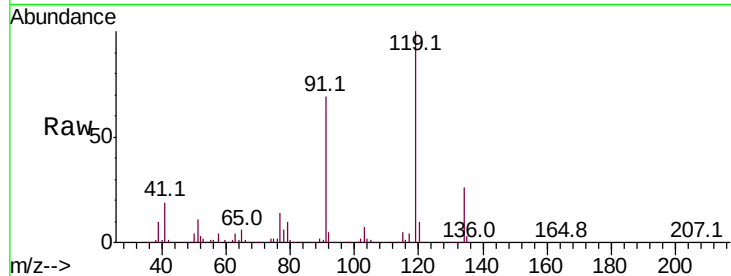
#83
tert-Butylbenzene
Concen: 48.586 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.4	35.4	106.3
134	26.5	13.4	40.2

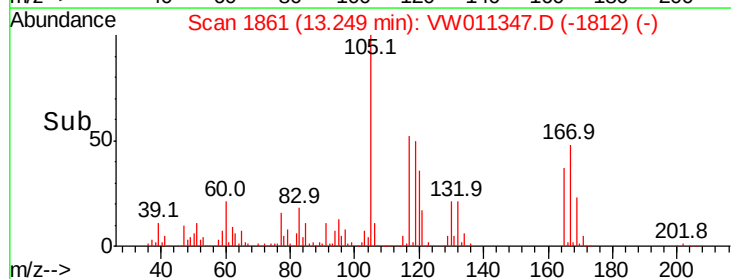
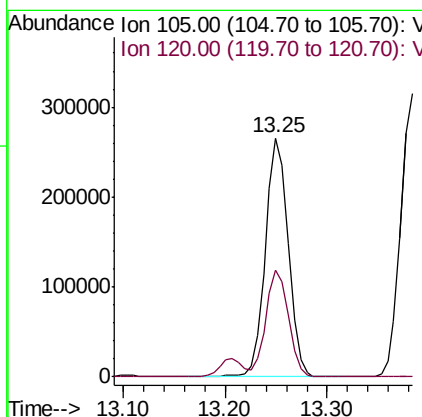
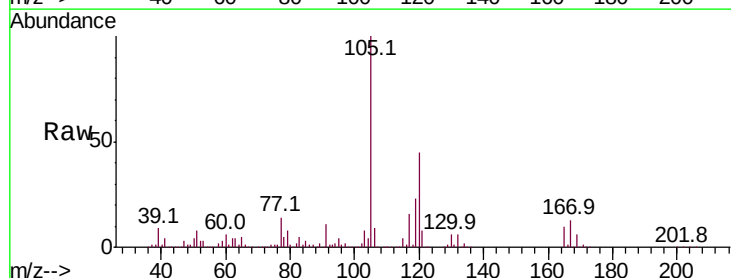
Manual Integrations
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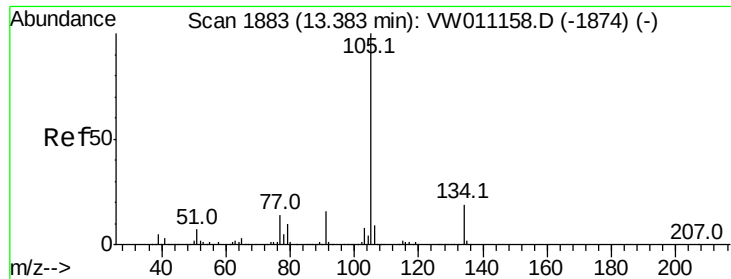
MMDadoda
7/19/2019 9:54:03 AM



#84
1,2,4-Trimethylbenzene
Concen: 49.149 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.3	66.9





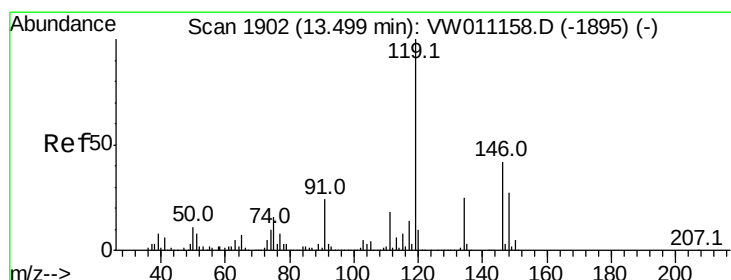
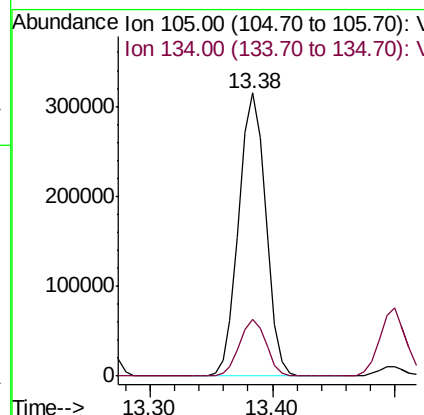
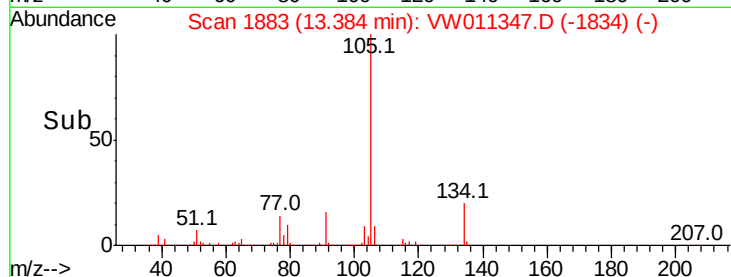
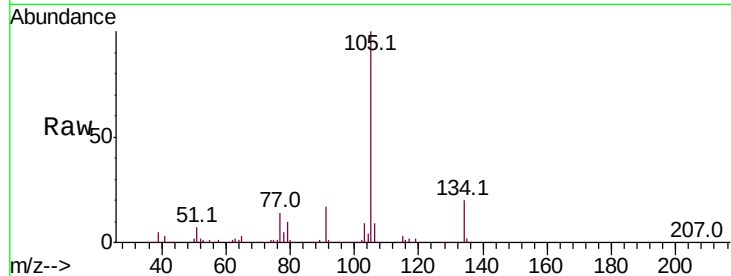
#85
 sec-Butylbenzene
 Concen: 47.823 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011347.D
 Acq: 18 Jul 2019 21:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	482134		
134	19.6	9.7	28.9	

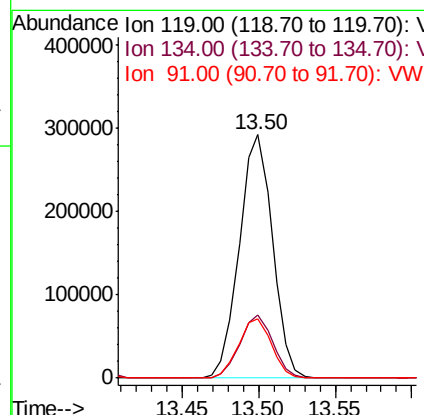
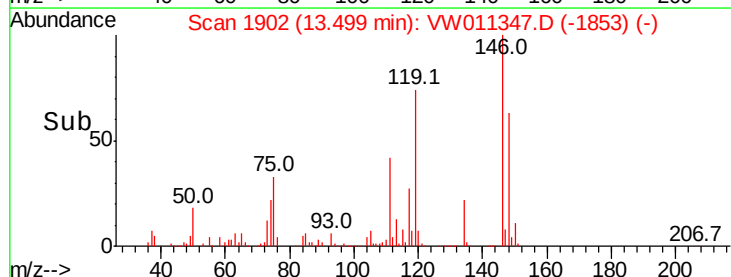
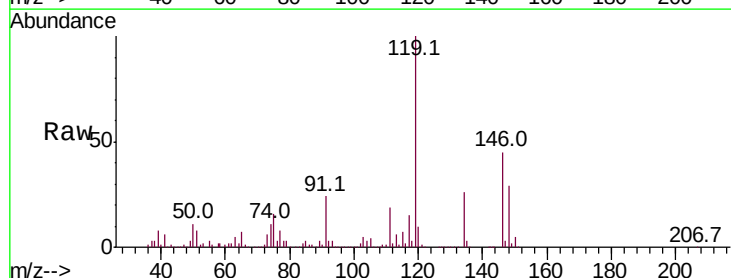
Manual Integrations
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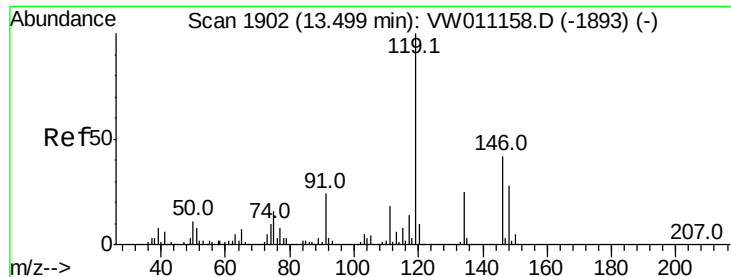
MMDadoda
 7/19/2019 9:54:03 AM



#86
 p-Isopropyltoluene
 Concen: 48.614 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011347.D
 Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	439592		
134	25.6	12.9	38.6	
91	24.4	12.3	36.8	





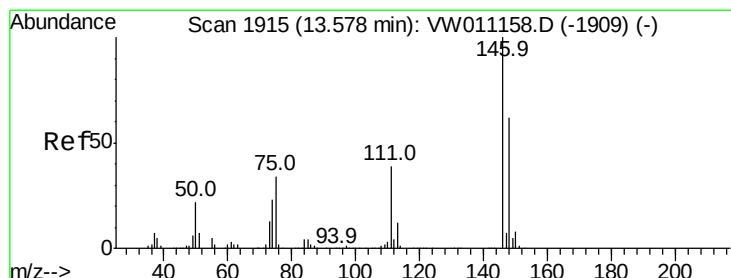
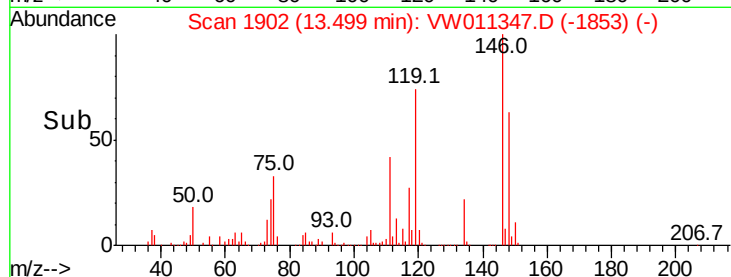
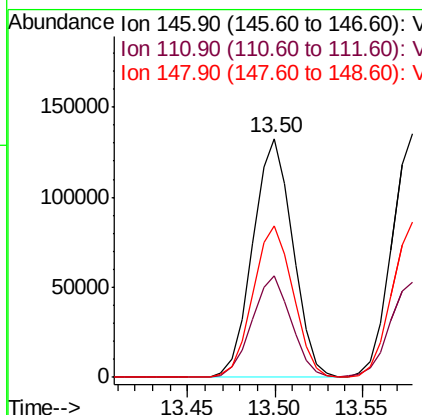
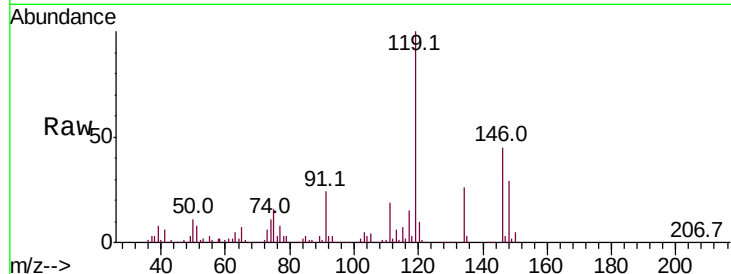
#87
1,3-Dichlorobenzene
Concen: 49.360 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	210170		
111	41.8	21.1	63.1	
148	63.7	32.6	97.7	

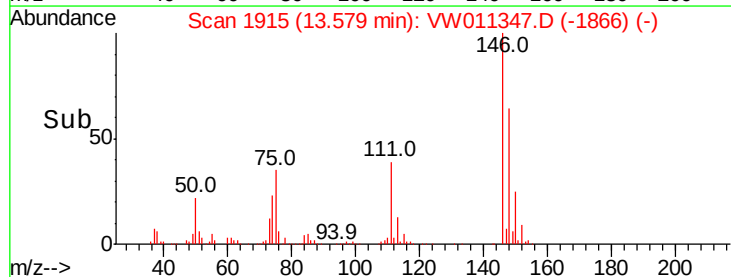
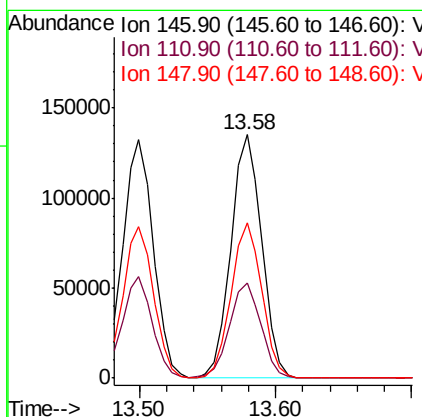
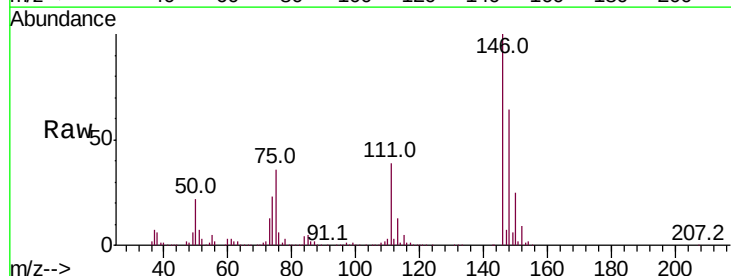
Manual Integrations
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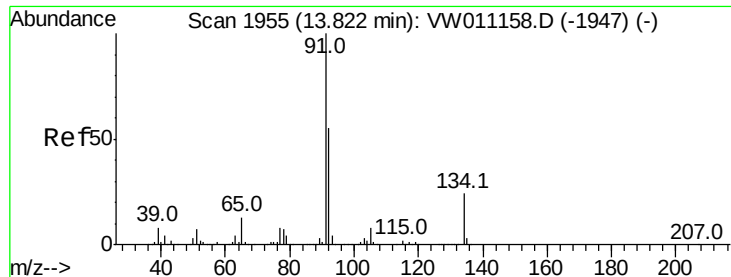
MMDadoda
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#88
1,4-Dichlorobenzene
Concen: 49.544 ug/l
RT: 13.58 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	212423		
111	39.9	19.9	59.7	
148	63.6	31.5	94.5	





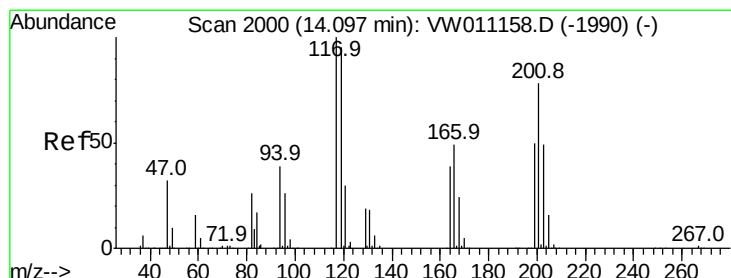
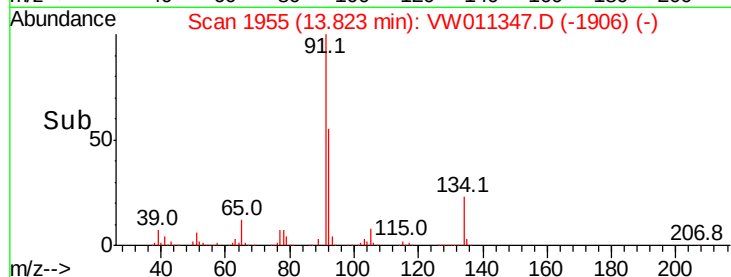
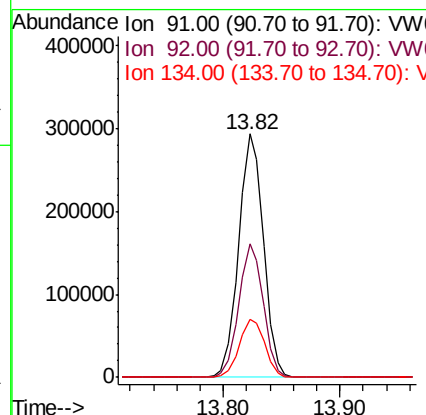
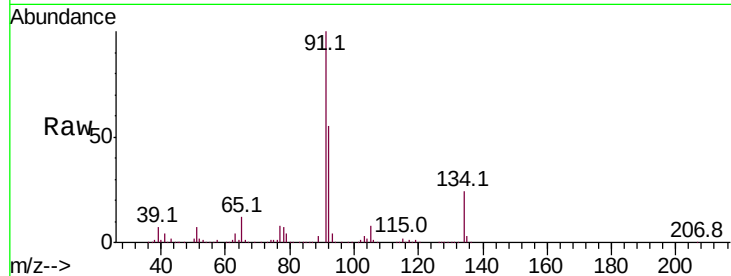
#89
n-Butylbenzene
Concen: 48.233 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.9	80.7
134	24.5	12.2	36.4

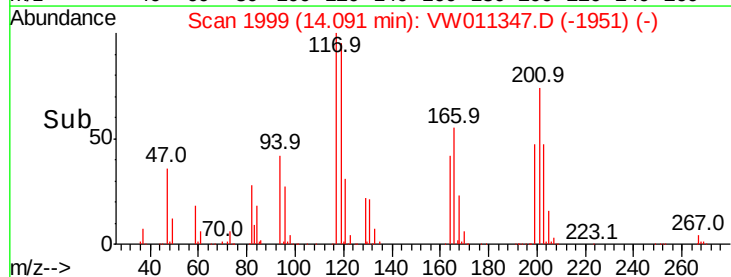
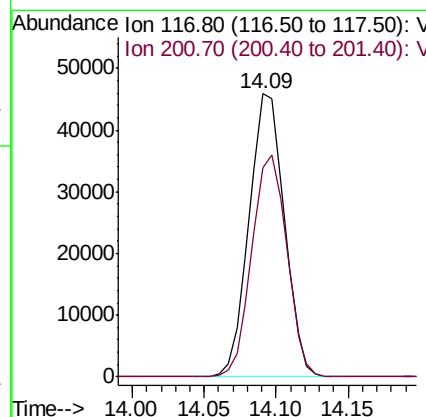
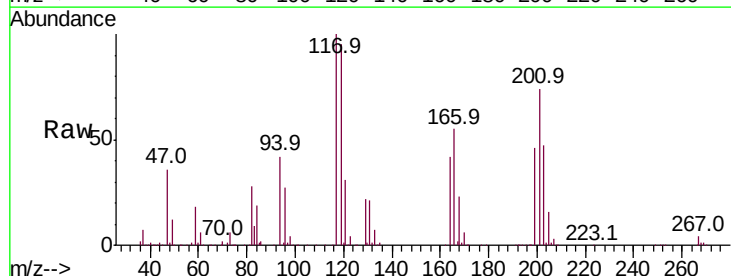
Manual Integrations
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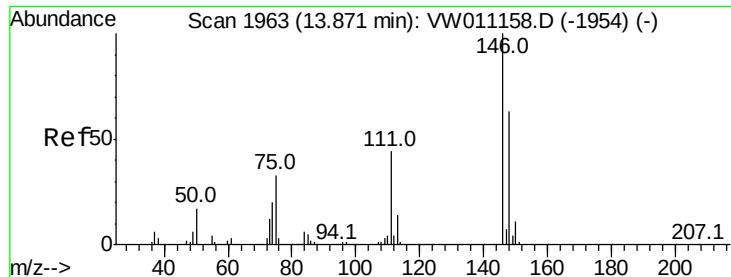
MMDadoda
7/19/2019 9:54:03 AM



#90
Hexachloroethane
Concen: 47.072 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.01 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.9	38.3	114.8





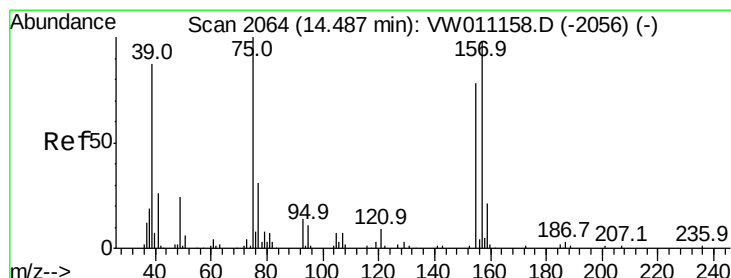
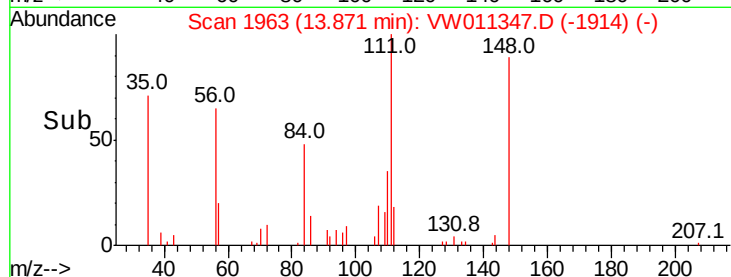
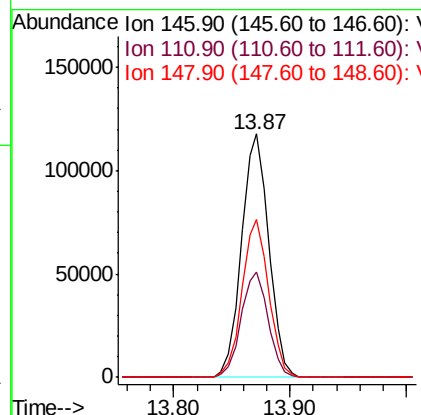
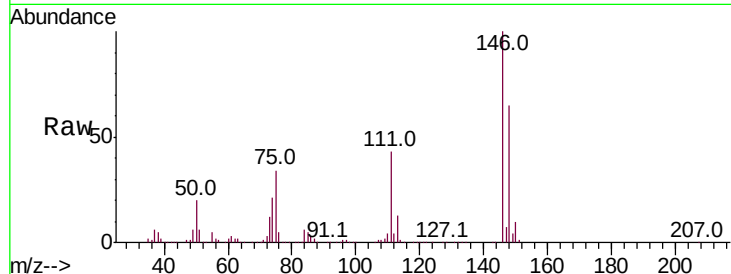
#91
 1,2-Dichlorobenzene
 Concen: 49.656 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011347.D
 Acq: 18 Jul 2019 21:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	191813		
111	43.0	21.6	65.0	
148	63.5	31.9	95.5	

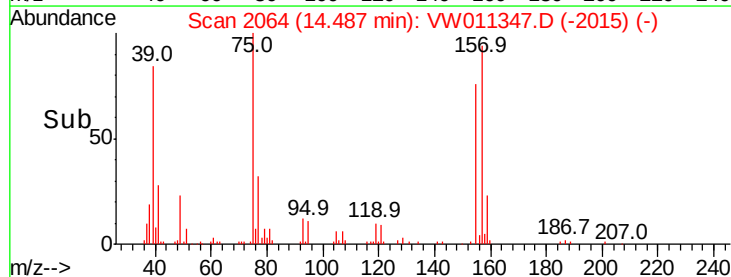
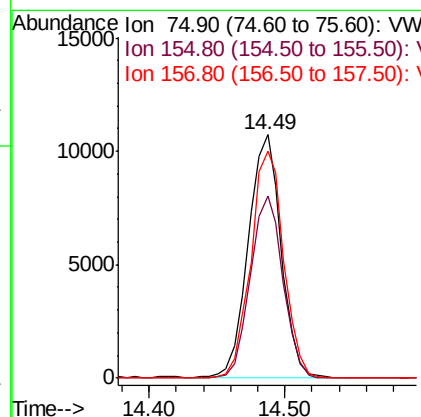
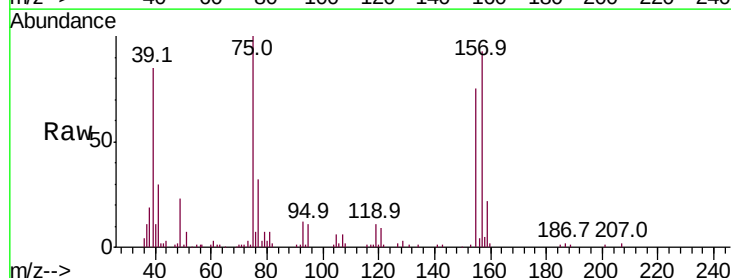
Manual Integrations
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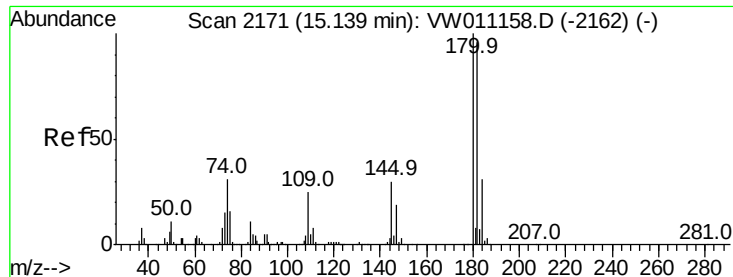
MMDadoda
 7/19/2019 9:54:03 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.857 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011347.D
 Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18235		
155	73.9	37.1	111.3	
157	92.6	48.5	145.6	





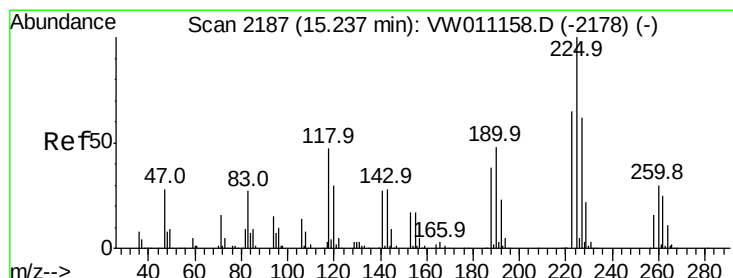
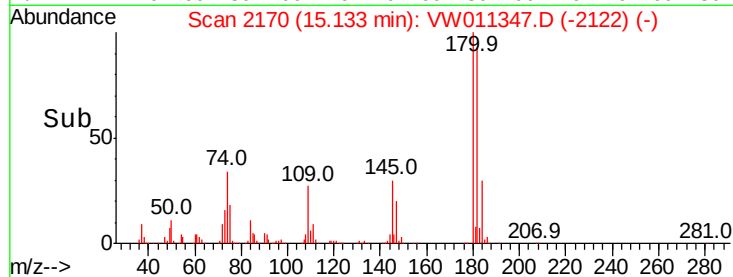
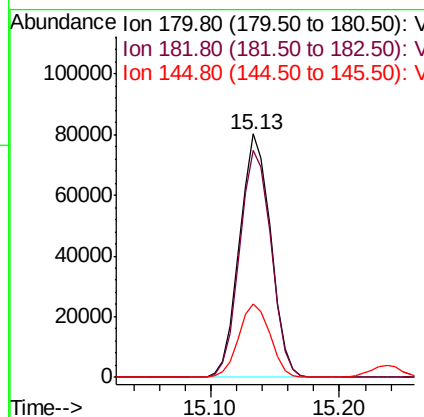
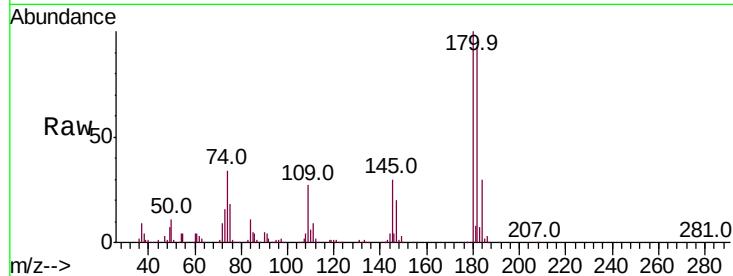
#93
 1,2,4-Trichlorobenzene
 Concen: 50.461 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW011347.D
 Acq: 18 Jul 2019 21:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.3	48.3	144.9	
145	30.2	15.5	46.5	

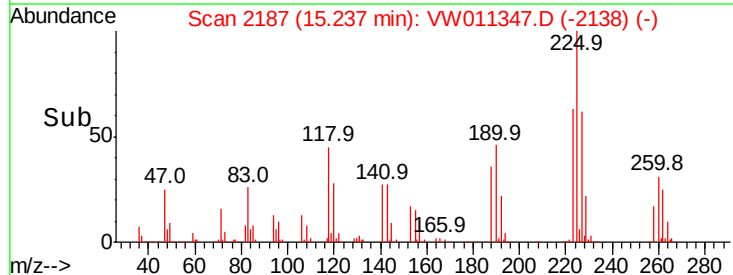
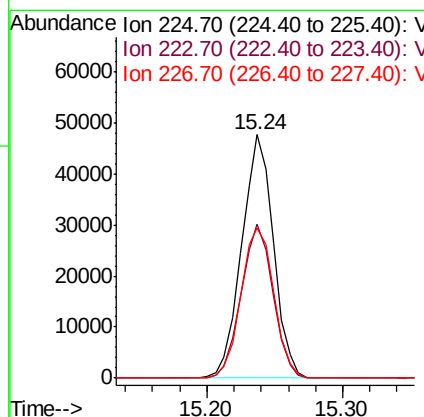
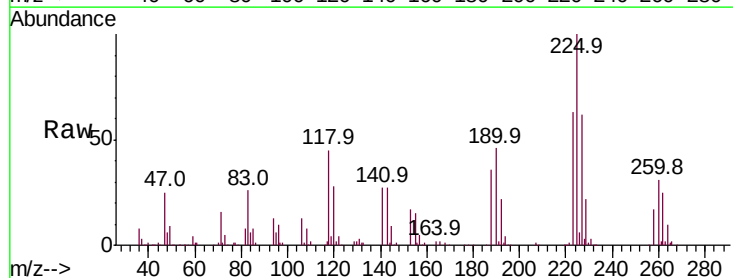
Manual Integrations
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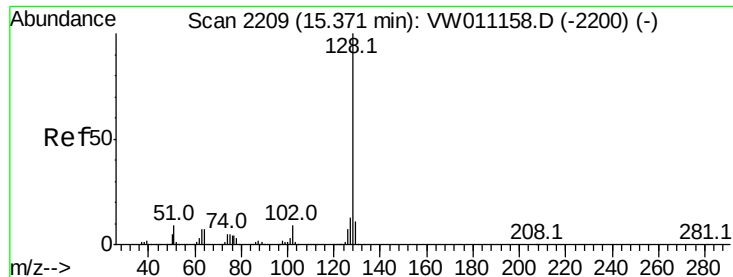
MMDadoda
 7/19/2019 9:54:03 AM



#94
 Hexachlorobutadiene
 Concen: 47.451 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011347.D
 Acq: 18 Jul 2019 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	31.6	95.0	
227	64.2	32.0	96.0	





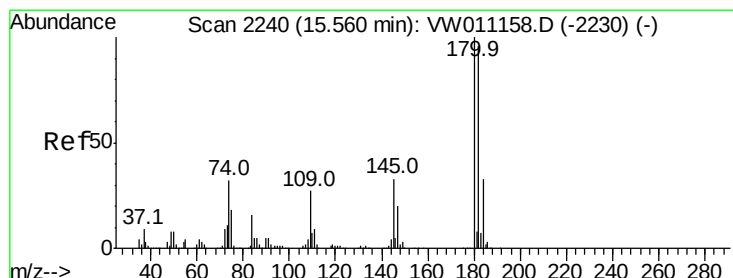
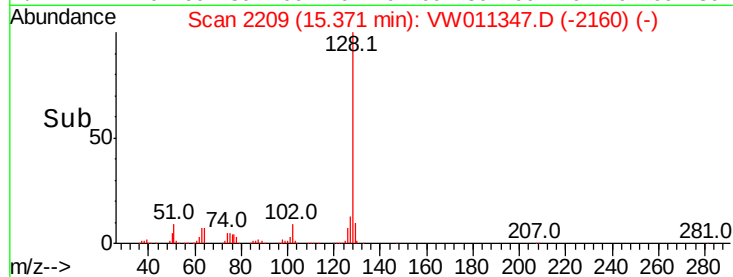
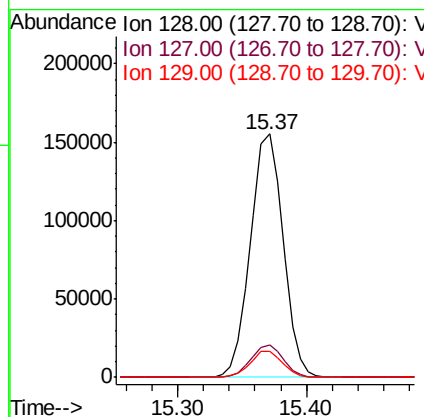
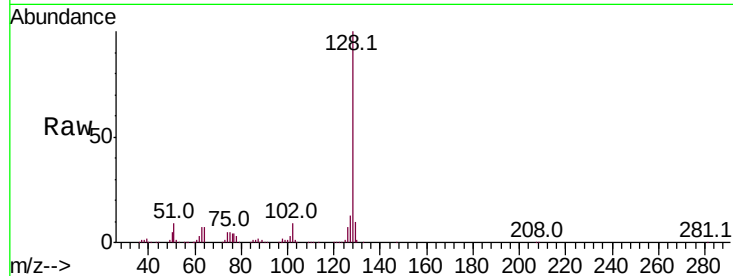
#95
Naphthalene
Concen: 53.460 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	272564
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/19/2019 9:54:03 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.413 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011347.D
Acq: 18 Jul 2019 21:35

Tgt Ion:	180	Resp:	118376
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.6	142.8
145	32.4	16.5	49.5

